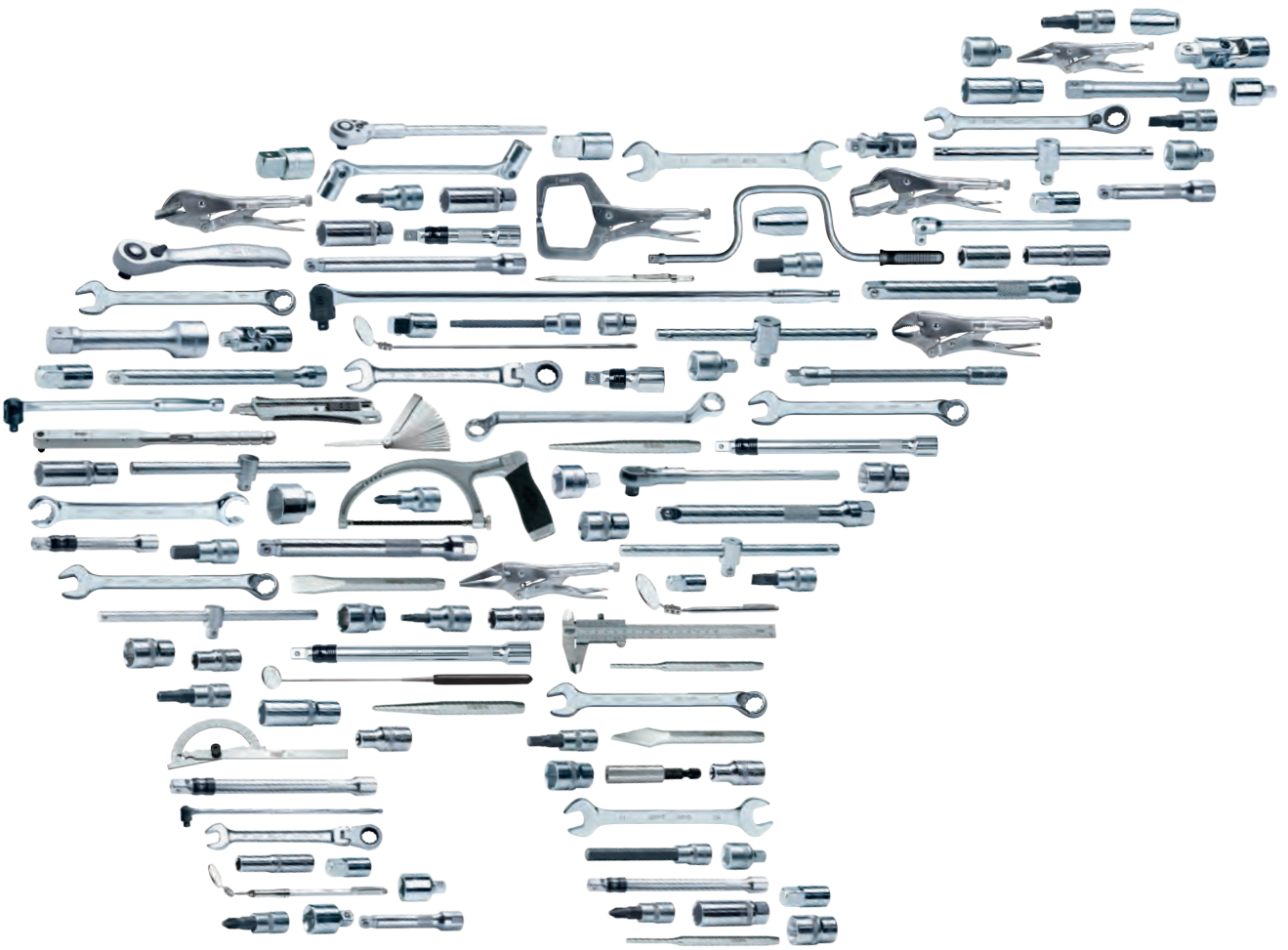
wrist

polar handtools



**POLAR** CATALOGUE 2023

GLOBAL ASSORTMENT

*This symbol indicates that a product is part of Wrist's global assortment.*

# POLAR TOOLS IN **WRIST'S GLOBAL ASSORTMENT**

POLAR hand tools are part of Wrist's global assortment – with Wrist being the sole distributor in ports around the world. POLAR is a Scandinavian tool brand with a full range of professional hand tools, which currently counts around 1,500 articles. The tools are specially developed for customers who want high quality and with heavy duty and offshore demands.

POLAR provides an anti-corrosion warranty for all chrome plated products (wrenches, sockets, extensions adapters, etc.) The market standard for similar products has a chrome plated thickness of typically 6-8 micron. POLAR products have a thickness of 10-12 micron.

POLAR hand tools come with a life-time warranty (excl. ratchets, torque wrenches, and pneumatic air tools which are covered by standard warranty). The life-time warranty even applies to incorrect use of screwdrivers and sockets. Bits and screwdrivers are manufactured in S2 special steel, which is much stronger compared to chrome-vanadium steel.

The POLAR brand stands for professional hand tools, characterized by quality, reliability, and usability.

**WRENCHES** 95 PRODUCTS
**PLIERS** 36 PRODUCTS
**AIRTOOLS** 6
**SCREWDRIVERS** 51 PRODUCTS
**SOCKETS & ACCESSORIES** 108 PRODUCTS
**HAMMERS & CHISELS** 28 PRODUCTS
**VARIOUS ITEMS** 17 PRODUCTS

# ABOUT WRIST

Wrist is the world's leading ship and offshore supplier of marine provisions and stores with a market share of approximately 9%. Wrist is the only stores and provisions marine supplier with a global network of supply operations. Wrist also offers services within owners' goods and spare parts logistics and distribution combining deliveries to vessels.

Wrist is leading the digitalization agenda of the maritime supply industry. We offer 24/7 global online sourcing and logistics, providing data transparency, automation, and convenience to customers. We continuously work on reducing our own climate impact, while at the same time meeting our customers' growing demand for responsible solutions and services.

From more than 30 locations worldwide in all major shipping locations, 1,600 Wrist employees take pride in making it easy for customers to order and receive supplies – where and when they are requested.

*Contact details for all Wrist branches are available at wrist.com*

GLOBAL ASSORTMENT

# SOCKETS & ACCESSORIES

*POLAR sockets and ratchets are designed to fit and built to perform for a lifetime.*
*Made from high grade chrome vanadium steel for a stronger and more durable tool.*

## 5314 E **1/4" REVERSIBLE RATCHET W/ LOCKING SYSTEM**

ISO 3315, DIN 3122

- Model with 60 teeth and Quick Release. Compact head with working angle of 6°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5314-1060 | 027333 | 10 | 20 | 20 | 146 | 92 | 1 |

## 5338 E **3/8" REVERSIBLE RATCHET WITH LOCKING SYSTEM**

ISO 3315, DIN 3122

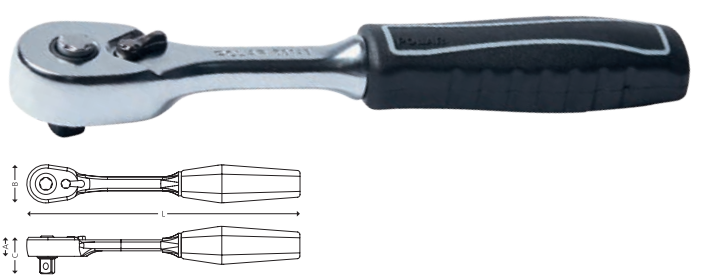
- Model with 60 teeth and Quick Release.
- Compact head with working angle of 6°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5338-0060 | 027340 | 13 | 28 | 26 | 199 | 216 | 1 |

## 5314 B **1/4" REVERSIBLE RATCHET W/ LOCKING SYSTEM**

ISO 3315, DIN 3122

- Model with 48 teeth and Quick Release. Compact head with working angle of 7,5°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



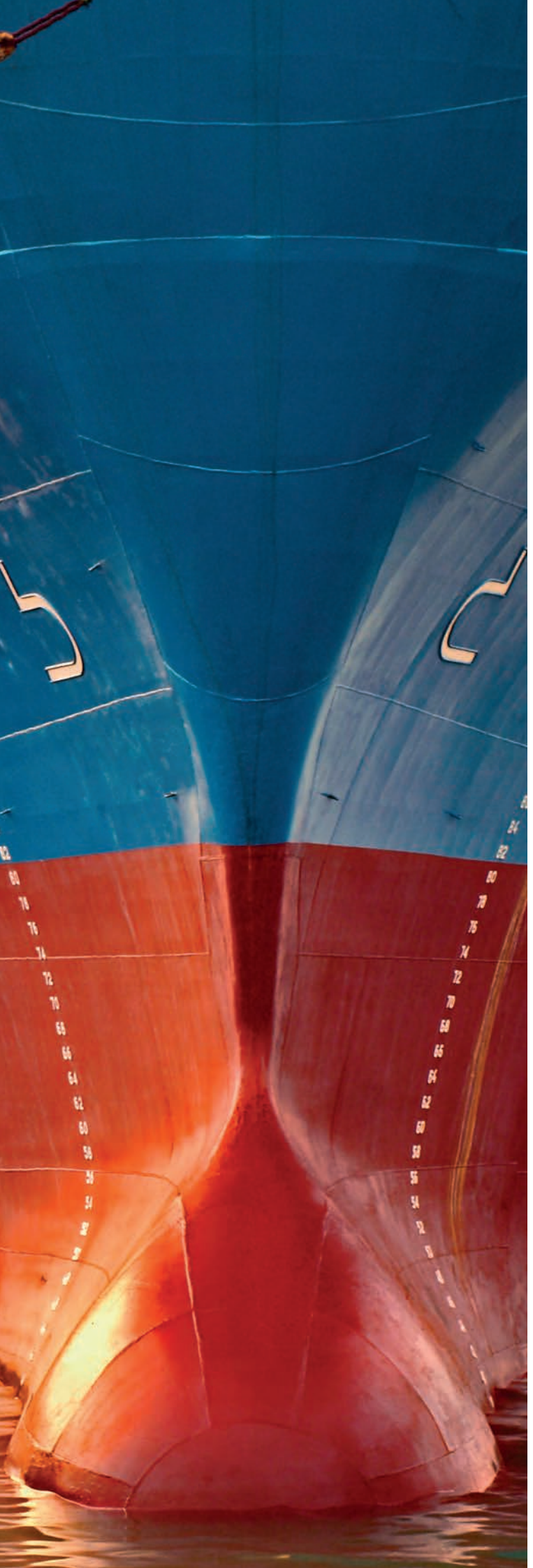
| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5314-0048 | 015712 | 11,4 | 25 | 20 | 140 | 116 | 1 | 610401 |

## 5312 E **1/2" REVERSIBLE RATCHET WITH LOCKING SYSTEM**

ISO 3315, DIN 3122

- Model with 60 teeth and Quick Release.
- Compact head with a working angle of 6°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

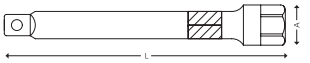
| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5312-0060 | 027357 | 16 | 36 | 33 | 255 | 446 | 1 |



## 5212 EX **1/2" EXTENSIONS**

ISO 3316, DIN 3123.

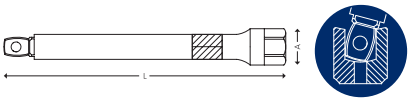
- With ext. 22 mm Hexagon.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5212-0075 | 003399 | 75 | 23 | 160 | 10 | 610453 |
| 5212-0125 | 003405 | 125 | 23 | 247 | 10 | 610454 |
| 5212-0250 | 003412 | 250 | 23 | 450 | 10 | 610455 |

## 5212 EXW **1/2" WOBBLE EXTENSIONS**

- Can be used for both wobble and rigid functionality.
- The wobble function provides 15° of additional accessibility.
- With ext. 22 mm Hexagon.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

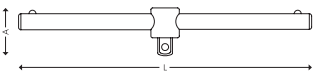



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5212-1075 | 011066 | 75 | 24 | 160 | 10 |
| 5212-1125 | 011073 | 125 | 24 | 247 | 10 |
| 5212-1150 | 011080 | 150 | 24 | 280 | 10 |
| 5212-1250 | 021959 | 250 | 24 | 420 | 10 |
| 5212-1500 | 011097 | 500 | 24 | 850 | 10 |

## 5412 TH **1/2" SLIDING T-HANDLE**

ISO 3315, DIN 3122

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

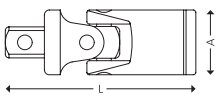



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5412-0012 | 003450 | 250 | 42 | 372 | 10 | 610423 |

## 5812 U **1/2" UNIVERSAL JOINT**

ISO 3316, DIN 3123

- Equipped with tension-spring.
- Joint stays at desired angle.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

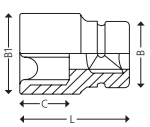


| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5812-0012 | 003443 | 75 | 25 | 160 | 10 | 610467 |

## 6012 **1/2" 6-POINT METRIC IMPACT SOCKETS**

ISO 2725-2, DIN 3129

- Surface: Phosphatised finish. Material: Chrome-molybdenum steel.



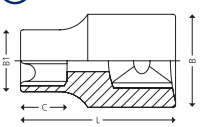
| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6012-0008 | 023441 | 8 | 24 | 14,0 | 15 | 38 | 55 | 1 |
| 6012-0009 | 023458 | 9 | 24 | 16,0 | 14 | 38 | 60 | 1 |
| 6012-0010 | 016054 | 10 | 25 | 17,5 | 12 | 39 | 70 | 1 |
| 6012-0011 | 016061 | 11 | 25 | 18,5 | 12 | 39 | 71 | 1 |
| 6012-0012 | 016078 | 12 | 25 | 20,0 | 12 | 39 | 72 | 1 |
| 6012-0013 | 016085 | 13 | 25 | 21,0 | 12 | 39 | 74 | 1 |
| 6012-0014 | 016092 | 14 | 25 | 22,5 | 12 | 39 | 79 | 1 |
| 6012-0015 | 016108 | 15 | 30 | 25,0 | 12 | 39 | 119 | 1 |
| 6012-0016 | 016115 | 16 | 30 | 26,0 | 12 | 39 | 121 | 1 |
| 6012-0017 | 016122 | 17 | 30 | 26,0 | 13 | 39 | 122 | 1 |
| 6012-0018 | 016139 | 18 | 30 | 27,5 | 13 | 39 | 123 | 1 |
| 6012-0019 | 016146 | 19 | 30 | 28,0 | 13 | 39 | 125 | 1 |
| 6012-0020 | 023465 | 20 | 30 | 30,0 | 15 | 38 | 120 | 1 |
| 6012-0021 | 016153 | 21 | 30 | 30,0 | 13 | 39 | 127 | 1 |
| 6012-0022 | 016160 | 22 | 30 | 32,0 | 13 | 39 | 131 | 1 |
| 6012-0023 | 023472 | 23 | 30 | 32,0 | 14 | 38 | 123 | 1 |
| 6012-0024 | 016177 | 24 | 30 | 34,0 | 20 | 39 | 175 | 1 |
| 6012-0025 | 023489 | 25 | 30 | 36,0 | 16 | 43 | 167 | 1 |
| 6012-0026 | 023496 | 26 | 30 | 36,0 | 21 | 43 | 148 | 1 |
| 6012-0027 | 016184 | 27 | 30 | 38,0 | 24 | 43 | 225 | 1 |
| 6012-0028 | 023502 | 28 | 30 | 40,0 | 22 | 47 | 200 | 1 |
| 6012-0029 | 023519 | 29 | 30 | 40,0 | 22 | 47 | 195 | 1 |
| 6012-0030 | 016191 | 30 | 30 | 42,0 | 24 | 48 | 253 | 1 |
| 6012-0032 | 016207 | 32 | 30 | 44,0 | 26 | 48 | 273 | 1 |
| 6012-0033 | 028149 | 33 | 43 | 46,0 | 28 | 48 | 281 | 1 |
| 6012-0036 | 023526 | 36 | 43 | 50,0 | 25 | 47 | 362 | 1 |

## 5014 **1/4" 6-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

6



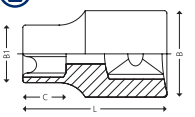
| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5014-0035 | 027999 | 3,5 | 11,9 | 6 | 5 | 25 | 10 | 10 | |
| 5014-0004 | 000923 | 4 | 11,9 | 6,8 | 5 | 25 | 10 | 10 | |
| 5014-0045 | 000930 | 4,5 | 11,9 | 7,1 | 5 | 25 | 10 | 10 | 610181 |
| 5014-0005 | 000947 | 5 | 11,9 | 8,0 | 5 | 25 | 10 | 10 | 610182 |
| 5014-0055 | 000954 | 5,5 | 11,9 | 8,3 | 5 | 25 | 10 | 10 | 610183 |
| 5014-0006 | 000961 | 6 | 11,9 | 9,3 | 5 | 25 | 11 | 10 | 610184 |
| 5014-0007 | 000978 | 7 | 11,9 | 10,5 | 5 | 25 | 12 | 10 | 610185 |
| 5014-0008 | 000985 | 8 | 11,9 | 11,9 | 5 | 25 | 12 | 10 | 610186 |
| 5014-0009 | 000992 | 9 | 13,0 | 13,0 | 8 | 25 | 12 | 10 | 610187 |
| 5014-0010 | 001005 | 10 | 14,0 | 14,0 | 8 | 25 | 22 | 10 | 610188 |
| 5014-0011 | 001012 | 11 | 15,9 | 15,9 | 8 | 25 | 24 | 10 | 610189 |
| 5014-0012 | 001029 | 12 | 16,9 | 16,9 | 8 | 25 | 27 | 10 | 610190 |
| 5014-0013 | 001036 | 13 | 17,8 | 17,8 | 10 | 25 | 31 | 10 | 610191 |
| 5014-0014 | 001043 | 14 | 19,6 | 19,6 | 10 | 25 | 38 | 10 | |

## 5034 **3/4" 6-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124

- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

6

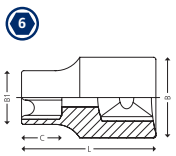


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5034-0019 | 003498 | 19 | 33,0 | 29,2 | 14 | 50 | 170 | 5 | 610301 |
| 5034-0021 | 003504 | 21 | 33,0 | 31,2 | 14 | 50 | 190 | 5 | 610302 |
| 5034-0022 | 003511 | 22 | 36,0 | 32,2 | 14 | 50 | 220 | 5 | 610303 |
| 5034-0024 | 003528 | 24 | 36,0 | 34,2 | 16 | 51 | 230 | 5 | 610305 |
| 5034-0027 | 003535 | 27 | 36,0 | 38,0 | 22 | 52 | 240 | 5 | 610307 |
| 5034-0030 | 003542 | 30 | 38,0 | 42,0 | 24 | 54 | 280 | 5 | 610309 |
| 5034-0032 | 003559 | 32 | 38,0 | 44,0 | 26 | 56 | 310 | 5 | 610310 |
| 5034-0036 | 003566 | 36 | 42,0 | 50,0 | 28 | 58 | 430 | 5 | 610312 |
| 5034-0038 | 003573 | 38 | 45,0 | 52,0 | 28 | 60 | 500 | 5 | 610313 |
| 5034-0041 | 003580 | 41 | 45,0 | 56,0 | 30 | 64 | 570 | 5 | 610314 |
| 5034-0046 | 003597 | 46 | 48,0 | 62,0 | 34 | 68 | 700 | 5 | 610315 |
| 5034-0050 | 003603 | 50 | 48,0 | 68,0 | 36 | 72 | 850 | 5 | 610316 |

## 5012 **1/2" 6-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

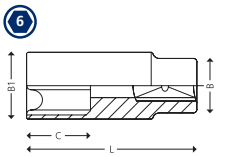


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5012-0008 | 002200 | 8 | 21,8 | 13,2 | 12 | 38 | 47 | 10 | 610241 |
| 5012-0009 | 002217 | 9 | 21,8 | 13,9 | 12 | 38 | 47 | 10 | 610242 |
| 5012-0010 | 002224 | 10 | 21,8 | 15,0 | 12 | 38 | 49 | 10 | 610243 |
| 5012-0011 | 002231 | 11 | 21,8 | 16,3 | 12 | 38 | 50 | 10 | 610244 |
| 5012-0012 | 002248 | 12 | 21,8 | 17,6 | 12 | 38 | 50 | 10 | 610245 |
| 5012-0013 | 002255 | 13 | 21,8 | 18,8 | 12 | 38 | 51 | 10 | 610246 |
| 5012-0014 | 002262 | 14 | 21,8 | 20,4 | 12 | 38 | 53 | 10 | 610247 |
| 5012-0015 | 002279 | 15 | 20,7 | 21,6 | 12 | 38 | 54 | 10 | 610248 |
| 5012-0016 | 002286 | 16 | 21,5 | 22,9 | 12 | 38 | 61 | 10 | 610249 |
| 5012-0017 | 002293 | 17 | 22,0 | 24,0 | 12 | 38 | 68 | 10 | 610250 |
| 5012-0018 | 002309 | 18 | 23,0 | 25,4 | 12 | 38 | 85 | 10 | 610251 |
| 5012-0019 | 002316 | 19 | 23,0 | 26,0 | 14 | 38 | 73 | 10 | 610252 |
| 5012-0020 | 002323 | 20 | 24,0 | 27,9 | 14 | 38 | 86 | 10 | 610253 |
| 5012-0021 | 002330 | 21 | 25,0 | 28,0 | 14 | 38 | 82 | 10 | 610254 |
| 5012-0022 | 002347 | 22 | 26,0 | 30,0 | 14 | 40 | 106 | 10 | 610255 |
| 5012-0023 | 002354 | 23 | 27,0 | 31,6 | 14 | 40 | 125 | 10 | 610256 |
| 5012-0024 | 002361 | 24 | 28,0 | 32,0 | 16 | 42 | 121 | 10 | 610257 |
| 5012-0025 | 002378 | 25 | 30,0 | 34,0 | 16 | 42 | 150 | 10 | |
| 5012-0026 | 002385 | 26 | 30,0 | 35,4 | 16 | 42 | 170 | 10 | 610258 |
| 5012-0027 | 002392 | 27 | 30,0 | 36,0 | 18 | 43 | 168 | 10 | 610259 |
| 5012-0028 | 002408 | 28 | 32,0 | 37,9 | 18 | 43 | 193 | 10 | 610260 |
| 5012-0029 | 002415 | 29 | 32,0 | 38,0 | 20 | 43 | 205 | 10 | 610261 |
| 5012-0030 | 002422 | 30 | 34,0 | 40,0 | 22 | 46 | 225 | 10 | 610262 |
| 5012-0032 | 002439 | 32 | 36,0 | 42,0 | 22 | 46 | 255 | 10 | 610263 |

## 5012 L **1/2" 6-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

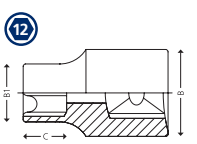


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5012-4010 | 002835 | 10 | 22,0 | 15,0 | 12 | 77 | 96 | 10 | 610376 |
| 5012-4011 | 002842 | 11 | 22,0 | 16,3 | 12 | 77 | 101 | 10 | 610377 |
| 5012-4012 | 002859 | 12 | 22,0 | 17,6 | 12 | 77 | 107 | 10 | 610378 |
| 5012-4013 | 002866 | 13 | 22,0 | 18,8 | 12 | 77 | 109 | 10 | 610379 |
| 5012-4014 | 002873 | 14 | 22,0 | 20,4 | 15 | 77 | 112 | 10 | 610380 |
| 5012-4015 | 002880 | 15 | 20,7 | 21,6 | 15 | 77 | 109 | 10 | |
| 5012-4016 | 002897 | 16 | 21,5 | 22,9 | 15 | 77 | 112 | 10 | |
| 5012-4017 | 002903 | 17 | 22,0 | 24,0 | 15 | 77 | 133 | 10 | 610381 |
| 5012-4018 | 002910 | 18 | 23,0 | 25,4 | 18 | 77 | 179 | 10 | |
| 5012-4019 | 002927 | 19 | 23,0 | 26,0 | 18 | 77 | 157 | 10 | 610382 |
| 5012-4020 | 002934 | 20 | 24,0 | 27,9 | 18 | 77 | 210 | 10 | |
| 5012-4021 | 002941 | 21 | 25,0 | 28,0 | 18 | 77 | 222 | 10 | 610383 |
| 5012-4022 | 002958 | 22 | 26,0 | 30,0 | 21 | 77 | 227 | 10 | 610384 |
| 5012-4024 | 002965 | 24 | 28,0 | 32,0 | 24 | 77 | 255 | 10 | 610386 |

## 5012 B **1/2" 12-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

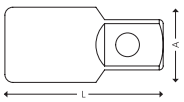


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5012-2010 | 002613 | 10 | 21,8 | 15,0 | 12 | 38 | 49 | 10 | 610268 |
| 5012-2011 | 002620 | 11 | 21,8 | 16,3 | 12 | 38 | 50 | 10 | 610269 |
| 5012-2012 | 002637 | 12 | 21,8 | 17,6 | 12 | 38 | 50 | 10 | 610270 |
| 5012-2013 | 002644 | 13 | 21,8 | 18,8 | 12 | 38 | 51 | 10 | 610271 |
| 5012-2014 | 002651 | 14 | 21,8 | 20,4 | 12 | 38 | 53 | 10 | 610272 |
| 5012-2015 | 002668 | 15 | 20,7 | 21,6 | 12 | 38 | 54 | 10 | 610274 |
| 5012-2016 | 002675 | 16 | 21,5 | 22,9 | 12 | 38 | 61 | 10 | 610275 |
| 5012-2017 | 002682 | 17 | 22,0 | 24,0 | 12 | 38 | 68 | 10 | 610276 |
| 5012-2018 | 002699 | 18 | 23,0 | 25,4 | 12 | 38 | 85 | 10 | 610278 |
| 5012-2019 | 002705 | 19 | 23,0 | 26,0 | 14 | 38 | 73 | 10 | 610279 |
| 5012-2020 | 002712 | 20 | 24,0 | 27,9 | 14 | 38 | 86 | 10 | 610280 |
| 5012-2021 | 002729 | 21 | 25,0 | 28,0 | 14 | 38 | 82 | 10 | 610281 |
| 5012-2022 | 002736 | 22 | 26,0 | 30,0 | 14 | 40 | 106 | 10 | 610282 |
| 5012-2023 | 002743 | 23 | 27,0 | 31,6 | 14 | 40 | 125 | 10 | 610283 |
| 5012-2024 | 002750 | 24 | 28,0 | 32,0 | 16 | 42 | 121 | 10 | 610284 |
| 5012-2025 | 002767 | 25 | 30,0 | 34,0 | 16 | 42 | 150 | 10 | |
| 5012-2026 | 002774 | 26 | 30,0 | 35,4 | 16 | 42 | 170 | 10 | 610285 |
| 5012-2027 | 002781 | 27 | 30,0 | 36,0 | 18 | 43 | 168 | 10 | 610286 |
| 5012-2028 | 002798 | 28 | 32,0 | 37,9 | 18 | 43 | 193 | 10 | 610287 |
| 5012-2029 | 002804 | 29 | 32,0 | 38,0 | 20 | 43 | 205 | 10 | 610288 |
| 5012-2030 | 002811 | 30 | 34,0 | 40,0 | 22 | 46 | 225 | 10 | 610289 |
| 5012-2032 | 002828 | 32 | 36,0 | 42,0 | 22 | 46 | 255 | 10 | 610290 |

## 5614 A **1/4" ADAPTOR FROM 1/4" TO 3/8"**

ISO 3316, DIN 3123

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

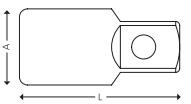


| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5614-1438 | 001609 | 1/4" | 3/8" | 14 | 25,5 | 32 | 10 | 610471 |

## 5712 A **1/2" ADAPTOR FROM 1/2" TO 3/8"**

ISO 3316, DIN 3123

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

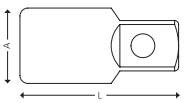


| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5712-1238 | 003467 | 1/2" | 3/8" | 22 | 36 | 67 | 10 | 610474 |

## 5738 A **3/8" ADAPTOR FROM 3/8" TO 1/4"**

ISO 3316, DIN 3123

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

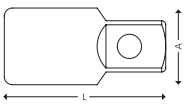


| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5738-3814 | 002156 | 3/8" | 1/4" | 16 | 27 | 30 | 10 | 610472 |

## 5612 A **1/2" ADAPTOR FROM 1/2" TO 3/4"**

ISO 3316, DIN 3123

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

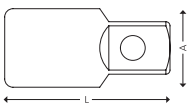


| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5612-1234 | 003474 | 1/2" | 3/4" | 25 | 50 | 140 | 10 | 610475 |

## 5638 A **3/8" ADAPTOR FROM 3/8" TO 1/2"**

ISO 3316, DIN 3123

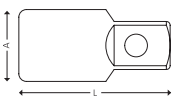
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5638-3812 | 002163 | 3/8" | 1/2" | 16 | 37,5 | 69 | 10 | 610473 |

## 5734 A **3/4" ADAPTOR FROM 3/4" TO 1/2"**

- ISO 3316, DIN 3123
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5734-3412 | 003634 | 3/4" | 1/2" | 34 | 54 | 170 | 5 | 610476 |

GLOBAL ASSORTMENT

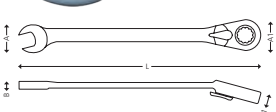
# WRENCHES

*POLAR wrenches are manufactured according to international standards, from high grade chrome vanadium steel, giving you the professional quality known by all POLAR products.*

## 2005 **REVERSIBLE METRIC GEAR COMBINATION WRENCHES**

ISO 1711-1, ISO 7738

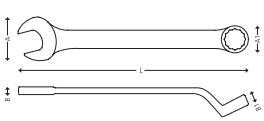
- Reversible model with 72 teeth and a working angle of 5°.
- 12-Point ring angled at 15°. Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2005-0008 | 013343 | 8 | 16,4 | 16,7 | 5,5 | 7,6 | 139 | 37 | 7 | 610831 |
| 2005-0009 | 013350 | 9 | 19,1 | 19,3 | 5,2 | 7,4 | 149 | 46 | 7 | 610832 |
| 2005-0010 | 013367 | 10 | 20,8 | 21,4 | 5,4 | 7,5 | 160 | 60 | 9 | 610833 |
| 2005-0011 | 013374 | 11 | 23,2 | 22,0 | 5,9 | 7,8 | 164 | 68 | 9 | 610834 |
| 2005-0012 | 013381 | 12 | 25,5 | 23,3 | 6,4 | 8,5 | 170 | 82 | 8 | 610835 |
| 2005-0013 | 013398 | 13 | 27,2 | 25,8 | 6,5 | 9,8 | 178 | 99 | 8 | 610836 |
| 2005-0014 | 013404 | 14 | 29,8 | 27,7 | 7,2 | 9,6 | 188 | 119 | 8 | 610837 |
| 2005-0015 | 013411 | 15 | 31,5 | 29,2 | 7,2 | 9,6 | 199 | 136 | 8 | 610838 |
| 2005-0016 | 013428 | 16 | 33,8 | 30,2 | 7,3 | 10,2 | 207 | 151 | 7 | |
| 2005-0017 | 013435 | 17 | 35,3 | 33,2 | 8,3 | 10,2 | 223 | 186 | 8 | 610839 |
| 2005-0018 | 013442 | 18 | 33,4 | 33,9 | 8,6 | 10,8 | 234 | 220 | 8 | |
| 2005-0019 | 013459 | 19 | 39,8 | 34,7 | 8,8 | 11,4 | 224 | 241 | 7 | 610840 |
| 2005-0020 | 013466 | 20 | 43,8 | 38,6 | 9,4 | 12,8 | 273 | 322 | 5 | |
| 2005-0021 | 013473 | 21 | 43,6 | 37,6 | 9,5 | 12,5 | 274 | 313 | 5 | |
| 2005-0022 | 013480 | 22 | 44,8 | 40,8 | 9,9 | 13,5 | 286 | 378 | 5 | |
| 2005-0023 | 013497 | 23 | 44,3 | 40,5 | 9,5 | 13,7 | 285 | 364 | 5 | |
| 2005-0024 | 013503 | 24 | 44,1 | 40,7 | 9,8 | 13,6 | 286 | 364 | 5 | |
| 2005-0027 | 029559 | 27 | 55,5 | 49,0 | 10,0 | 16,0 | 355 | 658 | 5 | |
| 2005-0030 | 029566 | 30 | 61,5 | 54,5 | 11,0 | 17,0 | 385 | 818 | 5 | |
| 2005-0032 | 029573 | 32 | 67,0 | 58,0 | 11,0 | 17,0 | 415 | 948 | 5 | |

## 2100 **METRIC COMBINATION WRENCHES OFFSET**

- 12-Point ring angled at 70°. Open end angled at 15°.
- Surface: Chrome plated finish, with polished heads
  Material: Chrome-vanadium steel.

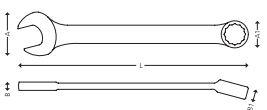


| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 2100-0006 | 005874 | 6 | 15,2 | 10,3 | 3,9 | 5,1 | 102 | 16 | 12 |
| 2100-0007 | 005881 | 7 | 17,3 | 11,5 | 4,1 | 6,3 | 112 | 20 | 12 |
| 2100-0008 | 005898 | 8 | 19,2 | 13,1 | 4,3 | 6,6 | 122 | 25 | 12 |
| 2100-0009 | 005904 | 9 | 21,1 | 14,0 | 4,8 | 7,3 | 131 | 33 | 12 |
| 2100-0010 | 005911 | 10 | 23,1 | 15,7 | 4,8 | 8,2 | 140 | 41 | 12 |
| 2100-0011 | 005928 | 11 | 25,0 | 17,0 | 5,3 | 8,4 | 150 | 50 | 12 |
| 2100-0012 | 005935 | 12 | 26,4 | 18,7 | 5,4 | 9,0 | 160 | 58 | 12 |
| 2100-0013 | 005942 | 13 | 29,2 | 21,1 | 5,5 | 9,5 | 170 | 74 | 6 |
| 2100-0014 | 005959 | 14 | 31,4 | 21,6 | 5,8 | 9,7 | 180 | 88 | 6 |
| 2100-0015 | 005966 | 15 | 33,1 | 22,9 | 6,2 | 9,7 | 190 | 103 | 6 |
| 2100-0016 | 005973 | 16 | 34,8 | 24,3 | 6,0 | 10,5 | 200 | 116 | 6 |
| 2100-0017 | 005980 | 17 | 36,3 | 25,2 | 6,5 | 11,5 | 210 | 135 | 6 |
| 2100-0018 | 005997 | 18 | 38,7 | 27,3 | 6,7 | 13,0 | 220 | 155 | 6 |
| 2100-0019 | 006000 | 19 | 40,4 | 28,3 | 7,2 | 13,4 | 230 | 184 | 6 |
| 2100-0021 | 006017 | 21 | 46,6 | 30,8 | 7,8 | 14,8 | 260 | 247 | 6 |
| 2100-0022 | 006024 | 22 | 46,6 | 30,8 | 7,8 | 14,8 | 260 | 247 | 6 |
| 2100-0024 | 006031 | 24 | 50,4 | 34,4 | 8,3 | 15,2 | 280 | 311 | 6 |
| 2100-0027 | 006048 | 27 | 55,3 | 38,4 | 8,5 | 16,2 | 310 | 390 | 6 |
| 2100-0030 | 006055 | 30 | 61,0 | 41,7 | 9,2 | 18,2 | 340 | 500 | 6 |
| 2100-0032 | 006062 | 32 | 65,5 | 44,5 | 10,1 | 19,5 | 360 | 621 | 6 |

## 2000 **METRIC COMBINATION WRENCHES**

ISO 3318, DIN 3113.

- 12-Point ring angled at 15°. Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

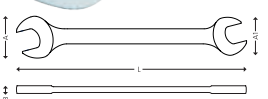


| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2000-0006 | 000015 | 6 | 15,5 | 10,1 | 4,0 | 4,7 | 105 | 17 | 12 | 610761 |
| 2000-0007 | 000022 | 7 | 17,0 | 11,5 | 4,0 | 5,0 | 115 | 20 | 12 | 610762 |
| 2000-0008 | 000039 | 8 | 19,2 | 12,8 | 4,5 | 5,5 | 125 | 26 | 12 | 610763 |
| 2000-0009 | 000046 | 9 | 21,2 | 14,2 | 4,7 | 5,9 | 135 | 34 | 12 | 610764 |
| 2000-0010 | 000053 | 10 | 23,2 | 15,6 | 5,0 | 6,5 | 145 | 36 | 12 | 610765 |
| 2000-0011 | 000060 | 11 | 25,3 | 16,9 | 5,4 | 6,9 | 155 | 44 | 12 | 610766 |
| 2000-0012 | 000077 | 12 | 27,2 | 18,3 | 5,5 | 7,3 | 165 | 52 | 12 | 610767 |
| 2000-0013 | 000084 | 13 | 29,4 | 19,7 | 5,9 | 7,8 | 175 | 63 | 12 | 610768 |
| 2000-0014 | 000091 | 14 | 31,5 | 21,2 | 6,2 | 8,3 | 185 | 78 | 12 | 610769 |
| 2000-0015 | 000107 | 15 | 33,2 | 22,5 | 6,4 | 8,6 | 195 | 94 | 12 | 610792 |
| 2000-0016 | 000114 | 16 | 34,7 | 24,0 | 6,7 | 8,9 | 205 | 106 | 12 | 610770 |
| 2000-0017 | 000121 | 17 | 36,5 | 25,3 | 6,9 | 9,3 | 215 | 132 | 12 | 610771 |
| 2000-0018 | 000138 | 18 | 38,7 | 26,8 | 7,2 | 9,9 | 225 | 144 | 12 | 610793 |
| 2000-0019 | 000145 | 19 | 40,7 | 28,1 | 7,4 | 10,5 | 235 | 154 | 12 | 610772 |
| 2000-0020 | 000152 | 20 | 43,1 | 29,7 | 7,7 | 10,9 | 245 | 188 | 12 | 610794 |
| 2000-0021 | 000169 | 21 | 44,8 | 31,3 | 8,1 | 11,6 | 255 | 200 | 12 | 610773 |
| 2000-0022 | 000176 | 22 | 46,9 | 32,6 | 8,2 | 11,5 | 265 | 220 | 12 | 610774 |
| 2000-0023 | 000183 | 23 | 48,3 | 34,2 | 8,4 | 11,8 | 275 | 260 | 12 | 610775 |
| 2000-0024 | 000190 | 24 | 50,4 | 35,5 | 8,7 | 12,1 | 285 | 280 | 6 | 610775 |
| 2000-0025 | 000206 | 25 | 52,0 | 36,9 | 8,9 | 12,5 | 295 | 300 | 6 | 610795 |
| 2000-0026 | 000213 | 26 | 53,6 | 38,2 | 9,2 | 12,8 | 305 | 320 | 6 | 610777 |
| 2000-0027 | 000220 | 27 | 55,7 | 39,6 | 9,4 | 13,1 | 315 | 360 | 6 | 610778 |
| 2000-0028 | 000237 | 28 | 57,6 | 40,9 | 9,7 | 13,3 | 325 | 380 | 6 | 610796 |
| 2000-0029 | 000244 | 29 | 59,7 | 42,3 | 9,9 | 13,5 | 335 | 460 | 6 | 610796 |
| 2000-0030 | 000251 | 30 | 61,8 | 43,7 | 10,1 | 13,7 | 345 | 500 | 6 | 610779 |
| 2000-0032 | 000268 | 32 | 65,8 | 46,4 | 10,4 | 14,3 | 365 | 560 | 6 | 610780 |
| 2000-0033 | 000275 | 33 | 69,3 | 48,8 | 10,7 | 15,0 | 380 | 680 | 5 | |
| 2000-0034 | 000282 | 34 | 69,2 | 48,8 | 10,7 | 15,0 | 380 | 680 | 5 | |
| 2000-0035 | 000299 | 35 | 74,0 | 53,0 | 13,5 | 19,2 | 410 | 860 | 5 | 610781 |
| 2000-0036 | 000305 | 36 | 74,0 | 53,0 | 13,5 | 19,2 | 410 | 860 | 5 | 610782 |
| 2000-0038 | 000312 | 38 | 77,0 | 56,0 | 15,0 | 20,4 | 430 | 1000 | 5 | |
| 2000-0041 | 000329 | 41 | 83,5 | 61,5 | 15,5 | 20,5 | 460 | 1260 | 5 | 610783 |
| 2000-0046 | 000336 | 46 | 91,5 | 66,5 | 16,2 | 21,0 | 500 | 1625 | 5 | 610786 |
| 2000-0050 | 000343 | 50 | 102,0 | 73,0 | 18,0 | 24,6 | 540 | 2120 | 5 | 610787 |
| 2000-0055 | 011639 | 55 | 118,0 | 86,0 | 21,0 | 28,0 | 560 | 2950 | 5 | 610789 |
| 2000-0060 | 011646 | 60 | 126,0 | 94,0 | 23,0 | 30,0 | 600 | 3750 | 5 | 610791 |
| 2000-0065 | 011653 | 65 | 148,0 | 108,0 | 23,0 | 32,0 | 680 | 5800 | 2 | |
| 2000-0070 | 011660 | 70 | 148,0 | 108,0 | 23,0 | 32,0 | 680 | 5800 | 2 | |

## 2010 **METRIC DOUBLE OPEN END WRENCHES**

ISO 10102, DIN 3110.

- Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

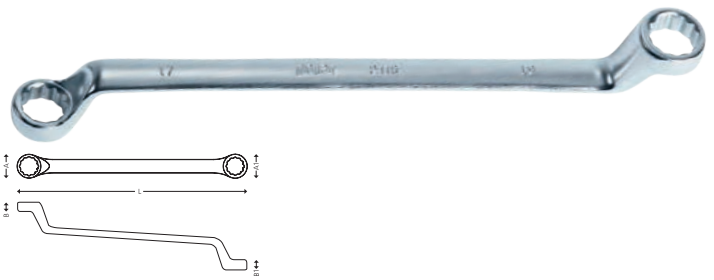


| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 2010-0607 | 017921 | 6 x 7 | 15,5 | 18,0 | 3,7 | 123 | 19 | 12 | 610552 |
| 2010-0809 | 017938 | 8 x 9 | 20,4 | 22,7 | 4,5 | 140 | 34 | 12 | 610555 |
| 2010-1011 | 017945 | 10 x 11 | 24,9 | 27,1 | 5,7 | 156 | 61 | 12 | 610559 |
| 2010-1012 | 032610 | 10 x 12 | 24,9 | 27,1 | 4,8 | 156 | 60 | 12 | 610560 |
| 2010-1013 | 017952 | 10 x 13 | 24,9 | 31,2 | 5,5 | 172 | 74 | 12 | 610561 |
| 2010-1213 | 017969 | 12 x 13 | 29,2 | 31,3 | 5,5 | 172 | 72 | 12 | 610549 |
| 2010-1317 | 017983 | 13 x 17 | 31,3 | 38,9 | 6,5 | 195 | 109 | 12 | 610566 |
| 2010-1417 | 017976 | 14 x 15 | 33,3 | 35,3 | 7,6 | 190 | 107 | 12 | 610550 |
| 2010-1415 | 032627 | 14 x 17 | 33,3 | 38,9 | 6,1 | 195 | 115 | 12 | 610567 |
| 2010-1617 | 017990 | 16 x 17 | 37,1 | 38,9 | 7,1 | 204 | 135 | 12 | |
| 2010-1719 | 018003 | 17 x 19 | 40,9 | 42,8 | 7,1 | 221 | 156 | 12 | 610568 |
| 2010-1819 | 018010 | 18 x 19 | 40,9 | 42,8 | 7,2 | 221 | 158 | 12 | |
| 2010-1922 | 018027 | 19 x 22 | 44,8 | 48,8 | 7,6 | 237 | 207 | 12 | 610571 |
| 2010-2022 | 018034 | 20 x 22 | 44,8 | 48,8 | 7,5 | 237 | 205 | 12 | |
| 2010-2123 | 018041 | 21 x 23 | 46,8 | 50,8 | 8,1 | 247 | 232 | 12 | 610573 |
| 2010-2224 | 018058 | 22 x 24 | 46,8 | 50,8 | 8,7 | 247 | 249 | 12 | 610575 |
| 2010-2426 | 018065 | 24 x 26 | 50,8 | 56,8 | 8,3 | 255 | 286 | 10 | |
| 2010-2427 | 018072 | 24 x 27 | 52,8 | 59,1 | 8,4 | 263 | 282 | 10 | 610577 |
| 2010-2528 | 018089 | 25 x 28 | 54,8 | 61,3 | 9,2 | 279 | 381 | 5 | |
| 2010-2729 | 018096 | 27 x 29 | 56,8 | 62,3 | 8,7 | 283 | 382 | 5 | |
| 2010-3032 | 018102 | 30 x 32 | 65,4 | 69,8 | 9,8 | 298 | 460 | 6 | 610583 |
| 2010-3236 | 018119 | 32 x 36 | 69,8 | 76,0 | 10,5 | 350 | 600 | 6 | 610585 |
| 2010-3436 | 018126 | 34 x 36 | 69,8 | 76,0 | 10,5 | 350 | 600 | 6 | |
| 2010-3641 | 018133 | 36 x 41 | 76,0 | 87,0 | 12,0 | 380 | 920 | 6 | 610588 |
| 2010-4146 | 018140 | 41 x 46 | 86,0 | 95,0 | 15,0 | 415 | 1300 | 5 | 610589 |
| 2010-4650 | 018157 | 46 x 50 | 95,0 | 104,0 | 16,0 | 465 | 1900 | 5 | 610591 |

## 2110 **METRIC DOUBLE END OFFSET RING WRENCHES**

ISO 10104, DIN 838.

- 12-Point ring angled at 70°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2110-0607 | 018225 | 6 x 7 | 10,7 | 12,2 | 6,0 | 6,5 | 168 | 45 | 12 | 610726 |
| 2110-0809 | 018232 | 8 x 9 | 13,6 | 15,1 | 7,0 | 7,5 | 183 | 60 | 12 | 610727 |
| 2110-0810 | 018249 | 8 x 10 | 13,6 | 15,1 | 7,0 | 7,5 | 183 | 60 | 12 | 610728 |
| 2110-1011 | 018256 | 10 x 11 | 16,6 | 18,0 | 8,0 | 9,0 | 198 | 90 | 12 | 610729 |
| 2110-1012 | 032634 | 10 x 12 | 16,5 | 19,5 | 8,7 | 9,0 | 217 | 113 | 12 | 610724 |
| 2110-1213 | 018263 | 12 x 13 | 19,5 | 20,9 | 9,0 | 9,5 | 217 | 118 | 12 | 610725 |
| 2110-1415 | 018270 | 14 x 15 | 22,4 | 23,7 | 10,0 | 10,5 | 239 | 160 | 12 | |
| 2110-1417 | 032641 | 14 x 17 | 22,0 | 26,0 | 9,2 | 10,5 | 195 | 115 | 6 | 610736 |
| 2110-1617 | 018287 | 16 x 17 | 25,3 | 26,7 | 11,0 | 11,3 | 260 | 185 | 6 | |
| 2110-1719 | 018294 | 17 x 19 | 28,2 | 29,7 | 11,6 | 11,9 | 292 | 210 | 6 | 610739 |
| 2110-1819 | 018300 | 18 x 19 | 28,2 | 29,7 | 11,6 | 11,9 | 292 | 210 | 6 | |
| 2110-1921 | 032658 | 19 x 21 | 29,0 | 33,7 | 11,5 | 12,5 | 296 | 300 | 6 | 610741 |
| 2110-1922 | 018317 | 19 x 22 | 31,1 | 34,0 | 12,2 | 12,9 | 318 | 320 | 6 | 610743 |
| 2110-2022 | 018324 | 20 x 22 | 31,1 | 34,0 | 12,2 | 12,9 | 318 | 320 | 6 | |
| 2110-2123 | 018331 | 21 x 23 | 34,0 | 36,9 | 12,5 | 13,2 | 330 | 390 | 6 | 610745 |
| 2110-2224 | 018348 | 22 x 24 | 34,0 | 36,9 | 12,5 | 13,2 | 330 | 390 | 6 | |
| 2110-2426 | 018355 | 24 x 26 | 36,9 | 41,4 | 13,5 | 14,4 | 345 | 500 | 6 | 610751 |
| 2110-2427 | 018362 | 24 x 27 | 36,9 | 41,4 | 13,5 | 14,4 | 345 | 500 | 6 | 610755 |
| 2110-2528 | 018379 | 25 x 28 | 40,4 | 43,8 | 13,8 | 14,7 | 355 | 520 | 6 | |
| 2110-3032 | 018386 | 30 x 32 | 45,5 | 48,5 | 15,4 | 16,0 | 370 | 670 | 5 | |
| 2110-3641 | 018393 | 36 x 41 | 53,5 | 62,0 | 18,0 | 20,0 | 451 | 1130 | 4 | |
| 2110-4650 | 018409 | 46 x 50 | 70,0 | 76,0 | 21,0 | 23,5 | 526 | 1820 | 2 | |

## 2600 **ADJUSTABLE WRENCHES**

ISO 6787, DIN 3117

- Grinded head tip and 15° angel. Scale in mm. Left knurling.
- Surface: Phosphatised finish with polished head.
  Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | L" MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 2600-0004 | 006307 | 110 | 4" | 17 | 35,4 | 4,6 | 58 | 10 | 611331 |
| 2600-0006 | 006314 | 150 | 6" | 23 | 50,3 | 6,2 | 120 | 10 | 611332 |
| 2600-0008 | 006321 | 200 | 8" | 28 | 63,3 | 6,9 | 240 | 5 | 611333 |
| 2600-0010 | 006338 | 250 | 10" | 32 | 73,8 | 8,1 | 400 | 5 | 611334 |
| 2600-0012 | 006345 | 300 | 12" | 38 | 83,6 | 9,4 | 650 | 5 | 611335 |
| 2600-0015 | 006352 | 375 | 15" | 51 | 109 | 10,5 | 1225 | 4 | 611336 |
| 2600-0018 | 006369 | 450 | 18" | 61 | 128,2 | 10,0 | 1740 | 5 | 611337 |
| 2600-0024 | 006376 | 600 | 24" | 70 | 148 | 12,4 | 3700 | 1 | 611338 |

## 7100 **TORQUE WRENCHES**

ISO 6789, DIN 3122, EN 26789

- Adjustable torque wrench with reversible ratchet.
- Angle indication printed on ratchet head for tightenings with angle control.
- Precision: ± 3% (1/4", 3/8", 1/2") and ± 4% (3/4").
- Click-signal on reaching preset torque value.
- Supplied with calibration certificate.
- Wrench is supplied in protective plastic case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 7114-1025 | 046778 | 5-25 | 0,1 | 1/4" | 323 | 760 | 1 | 611428 |
| 7138-1050 | 046785 | 10-50 | 0,5 | 3/8" | 400 | 1000 | 1 | 611429 |
| 7138-1100 | 046792 | 20-100 | 0,5 | 3/8" | 400 | 1000 | 1 | 611430 |
| 7112-1200 | 046808 | 40-200 | 0,5 | 1/2" | 517 | 1400 | 1 | 611431 |
| 7112-1340 | 046815 | 60-340 | 1 | 1/2" | 620 | 1700 | 1 | 611433 |
| 7134-1550 | 046822 | 110-550 | 2,5 | 3/4" | 918 | 4500 | 1 | 611441 |
| 7134-1750 | 046839 | 150-750 | 2,5 | 3/4" | 1210 | 5800 | 1 | 611442 |

## 2090 METRIC COMBINATION WRENCH SET - 26 PCS.

- Supplied in nylon bag.

26 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2090-0026 | 000756 | 26 | 2000 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm | 1742 | 1 | 610538 |
| P2090-0026 | 016979 | 1 | Empty pouch for 2090-0026 | 506 | 1 | |

## 2091 METRIC DOUBLE OPEN END WRENCH SET - 12 PCS.

- Supplied in nylon bag.

12 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2091-0012 | 018171 | 12 | 2010 6x7-8x9-10x11x12x13-14x15-16x17-18x19-20 x 22 - 21 x 23 - 24 x 27 - 25 x 28 - 30 x 32 mm | 2510 | 1 | 610504 |
| P2091-0012 | 020013 | 1 | Empty pouch for 2091-0012 | 270 | 1 | |

## 2095 REVERSIBLE GEAR COMBINATION WRENCH SET - 12 PCS.

- Supplied in nylon bag.

12 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2095-0012 | 013206 | 12 | 2005 8-9-10-11-12-13-14-15-16-17-18-19 mm | 1630 | 1 |
| P2095-0012 | 016993 | 1 | Empty pouch for 2095-0012 | 195 | 1 |

## 2091 METRIC DOUBLE OPEN END WRENCH SET - 8 PCS.

- Supplied in nylon bag.

8 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2091-0008 | 018164 | 8 | 2010 6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22 mm | 925 | 1 | 610501 |
| P2091-0008 | 020464 | 1 | Empty pouch for 2091-0008 | 135 | 1 | |

GLOBAL ASSORTMENT

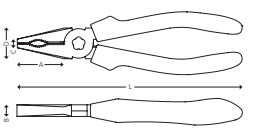
# PLIERS

*POLAR pliers give you control and comfort. The quality forged steel ensures strength and durability. The handles are designed to offer increased leverage and power.*

## 3001 **COMBINATION PLIER**

ISO 5746, DIN 5746

- Model with cutter for piano wire (200 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head. Material: Chrome-molybdenum steel.

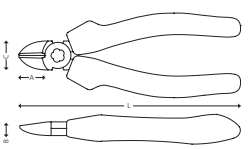


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | D MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 3001-0180 | 007601 | 180 | 1,8 | 38,0 | 10,0 | 6,0 | 26,5 | 231 | 6 | 611658 |

## 3002 **DIAGONAL CUTTERS**

ISO 5749, DIN 5749

- Model with cutter for hard wire (160 kg/mm²).
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head. Material: Chrome-molybdenum steel.

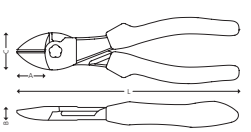


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 3002-0125 | 007625 | 125 | 1,4 | 20,0 | 9,5 | 18,6 | 126 | 6 | 611711 |
| 3002-0160 | 007656 | 160 | 1,6 | 20,0 | 10,0 | 19,6 | 188 | 6 | 611712 |

## 3004 **HEAVY-DUTY DIAGONAL CUTTERS**

ISO 5749, DIN 5749

- Model with cutter for piano wire (200 kg/mm²).
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head. Material: Chrome-molybdenum steel.

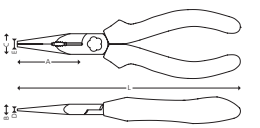


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 3004-0180 | 015460 | 180 | 1,8 | 21,0 | 11,1 | 28,6 | 244 | 6 | 611717 |
| 3004-0200 | 015590 | 200 | 2,0 | 21,0 | 12,2 | 29,7 | 293 | 6 | 911718 |

## 3005 **HALF-ROUND LONG NOSE PLIERS - STRAIGHT JAWS**

ISO 5745, DIN 5745

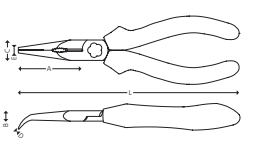
- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head. Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 3005-0160 | 007731 | 160 | 1,6 | 2,0 x 3,0 | 48,0 | 8,0 | 18,3 | 144 | 6 | 611695 |
| 3005-0200 | 007748 | 200 | 2,0 | 3,0 x 4,0 | 70,0 | 10,7 | 21,4 | 238 | 6 | 611696 |

## 3006 **HALF-ROUND NOSE PLIERS WITH BENT JAWS**

- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head. Material: Chrome-molybdenum steel.

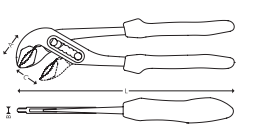


| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 3006-0160 | 007755 | 160 | 1,6 | 2,0 x 3,5 | 45,0 | 9,0 | 18,0 | 142 | 6 | 611691 |
| 3006-0200 | 007762 | 200 | 2,0 | 2,5 x 4,0 | 65,0 | 10,5 | 21,5 | 234 | 6 | |

## 3020 **BOX-JOINT WATER PUMP PLIER**

ISO 8976, DIN 8976

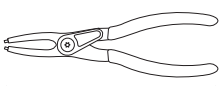
- Model with 7 positions and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head. Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 3020-0250 | 007922 | 250 | 35,0 | 8,0 | 34,0 | 354 | 6 | 611622 |

## 3100 **PLIERS WITH STRAIGHT JAWS - INTERNAL CIRCLIPS**

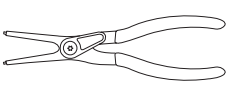
- PVC coated handles.
- Surface: Phosphatised finish with polished head.
  Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 3100-1225 | 007809 | 12 - 25 | 140 | 90 | 10 | 611822 |
| 3100-1960 | 007816 | 19 - 60 | 180 | 175 | 10 | 611823 |

## 3110 **PLIERS WITH STRAIGHT JAWS - EXTERNAL CIRCLIPS**

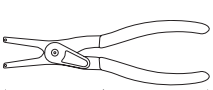
- PVC coated handles.
- Surface: Phosphatised finish with polished head.
  Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 3110-1025 | 007861 | 10 - 25 | 140 | 90 | 10 | 611802 |
| 3110-1960 | 007878 | 19 - 60 | 180 | 175 | 10 | 611803 |

## 3115 **PLIERS WITH NOSE BENT 90° - EXTERNAL CIRCLIPS**

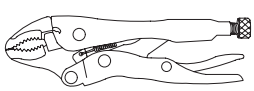
- PVC coated handles.
- Surface: Phosphatised finish with polished head.
  Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 3115-1025 | 007892 | 10- 25 | 130 | 90 | 10 | 611812 |
| 3115-1960 | 007908 | 19 - 60 | 170 | 175 | 10 | 611813 |

## 3200 **LOCKING PLIERS**

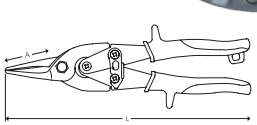
- Model with curved jaws with cutter.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L ″ | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3200-0125 | 008004 | 125 | 5″ | 29 | 180 | 6 | 611641 |
| 3200-0180 | 008011 | 180 | 7″ | 41 | 345 | 6 | 611642 |
| 3200-0250 | 008028 | 250 | 10″ | 48 | 515 | 6 | 611644 |

## 3400 **METAL CUTTING SHEARS**

- Internal torsion spring. Serrated edges prevent slipping.
- Plastic handle with rubber grip. Safety latch.
- Cutting capacity: Stainless steel: 0,7 mm. Cold rolled steel: 1,2 mm
- Material: Chrome-molybdenum alloy steel blades.



| ITEM NO. | 5704196+ | CUT | COLOR | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 3400-0250 | 008172 | Right | Green | 35 | 248 | 375 | 6 |
| 3405-0250 | 008189 | Left | Red | 35 | 248 | 375 | 6 |
| 3410-0250 | 008196 | Straight | Yellow | 35 | 250 | 380 | 6 |

GLOBAL ASSORTMENT

# TOOL SETS

*POLAR offers a wide selection of different tool sets in sturdy water-resistant plastic cases - easy to carry around and always at hand.*

## 5090 H **1/2" METRIC SOCKET WRENCH SET**

- Socket wrench set in watertight plastic case with 6-point sockets from 10 to 32 mm and accessories.
- The set is supplied with a reversible 72-teeth ratchet with locking system.

**ITEM NO. 5090-1223**

4,1 KG

5704196 000626

350 MM × 80 MM × 270 MM

1

1/2"

**IMPA**CODE 610142

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm |
| 1 | Ratchet, 60-teeth | 5312 1/2" E |
| 2 | Extensions | 5212 1/2" EX 125, 250 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |

## 5090 H **3/4" METRIC SOCKET WRENCH SET**

- Socket wrench set in plastic case with 6-point sockets from 22 to 50 mm and accessories.
- The set is supplied with a reversible 40-teeth ratchet.

**ITEM NO. 5090-3415**

13 KG

5704196 000633

520 MM × 95 MM × 360 MM

1

3/4"

**IMPA**CODE 610153

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | 6-point sockets | 5034 3/4" 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50 mm |
| 1 | Ratchet, 48 teeth | 5334 3/4" |
| 2 | Extensions | 5234 3/4" EX 100 - 200 mm |
| 1 | Sliding T-handle | 5434 3/4" TH |

GLOBAL ASSORTMENT

# SCREWDRIVERS & HEXAGON KEYS

*POLAR screwdrivers offer a great combination of power and comfort and the unique handle shape provides a soft and firm grip as well as superior force.*

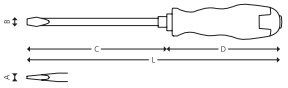
## 4000 **SCREWDRIVERS FOR SLOTTED HEAD SCREWS**

ISO 2380, DIN 5264
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | AXBXC MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 4000-0030 | 006697 | 0,5 x 3 x 75 | 85 | 160 | 30 | 10 | 612262 |
| 4000-0130 | 030104 | 0,5 x 3 x 100 | 85 | 185 | 33 | 10 | |
| 4000-0040 | 006703 | 0,8 x 4 x 100 | 105 | 205 | 56 | 10 | 612263 |
| 4000-0155 | 027227 | 1,0 x 5,5 x 100 | 105 | 205 | 66 | 10 | |
| 4000-0055 | 006710 | 1,0 x 5,5 x 125 | 105 | 230 | 69 | 10 | 612264 |
| 4000-0165 | 027234 | 1,2 x 6,5 x 100 | 115 | 215 | 92 | 10 | |
| 4000-0065 | 006727 | 1,2 x 6,5 x 150 | 115 | 265 | 102 | 10 | 612265 |
| 4000-0180 | 027241 | 1,2 x 8,0 x 150 | 125 | 280 | 164 | 10 | |
| 4000-0080 | 006734 | 1,2 x 8 x 175 | 125 | 300 | 172 | 10 | 612266 |
| 4000-0100 | 027258 | 1,6 x 10 x 200 | 125 | 330 | 224 | 10 | |

## 4001 **SCREWDRIVERS FOR SLOTTED HEAD SCREWS**

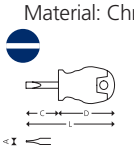
- Supplied with go-through blade and hexagonal bolster.
- Ergonomic soft grip handle with impact cap.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.




| ITEM NO. | 5704196+ | AXBXC MM | D MM | | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4001-0055 | 016597 | 1,0 x 5,5 x 125 | 110 | 8 | 235 | 98 | 6 | 612291 |
| 4001-0065 | 016603 | 1,2 x 6,5 x 150 | 120 | 10 | 245 | 137 | 6 | 612292 |
| 4001-0180 | 027265 | 1,2 x 8,0 x 150 | 130 | 13 | 275 | 220 | 8 | |
| 4001-0080 | 016610 | 1,2 x 8 x 175 | 130 | 13 | 305 | 227 | 6 | 612287 |
| 4001-0100 | 016627 | 1,6 x 10 x 200 | 130 | 16 | 330 | 278 | 6 | 612288 |
| 4001-0120 | 016634 | 2 x 12 x 200 | 130 | 16 | 330 | 318 | 6 | 612289 |

## 4003 **STUBBY SCREWDRIVERS FOR SLOTTED HEAD SCREWS**

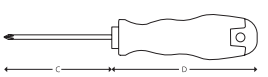
ISO 2380, DIN 5264
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | AXBXC MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 4003-0055 | 006758 | 1,0 x 5,5 x 25 | 50 | 75 | 36 | 10 | 612324 |
| 4003-0065 | 006765 | 1,0 x 6,5 x 25 | 50 | 75 | 40 | 10 | |

## 4010 PH **SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

ISO 8764, DIN 5260
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.




| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4010-0100 | 006772 | 0 | 60 | 85 | 145 | 29 | 10 | 612272 |
| 4010-0101 | 006789 | 1 | 80 | 105 | 185 | 60 | 10 | 612273 |
| 4010-0102 | 006796 | 2 | 100 | 115 | 215 | 86 | 10 | 612274 |
| 4010-0112 | 027319 | 2 | 150 | 115 | 265 | 102 | 10 | |
| 4010-0103 | 006802 | 3 | 150 | 125 | 275 | 165 | 10 | 612275 |
| 4010-0104 | 030111 | 4 | 200 | 125 | 325 | 228 | 10 | |

## 4011 PH **SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

- Supplied with go-through blade and hexagonal bolster.
- Ergonomic soft grip handle with impact cap.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PH | C MM | D MM | | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 4011-0101 | 016641 | 1 | 80 | 110 | 8 | 190 | 88 | 6 | 612295 |
| 4011-0102 | 016658 | 2 | 100 | 120 | 10 | 220 | 131 | 6 | 612296 |
| 4011-0103 | 016665 | 3 | 150 | 130 | 13 | 280 | 219 | 6 | 612297 |
| 4011-0104 | 016672 | 4 | 200 | 130 | 16 | 330 | 315 | 6 | 912298 |
| 4011-0114 | 027326 | 4 | 300 | 130 | 16 | 430 | 388 | 9 | |

## 4020 PZ **SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS**

ISO 8764, DIN 5260

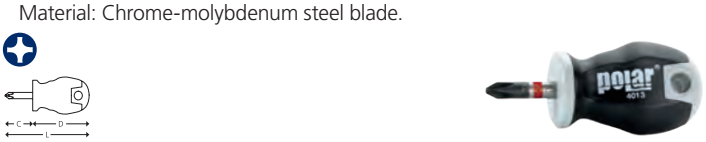
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PZ | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4020-0101 | 006833 | 1 | 80 | 105 | 185 | 60 | 10 | 612451 |
| 4020-0102 | 006840 | 2 | 100 | 115 | 215 | 86 | 10 | 612452 |
| 4020-0103 | 006857 | 3 | 150 | 125 | 275 | 165 | 10 | 612453 |

## 4013 PH **STUBBY SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

ISO 8764, DIN 5260

- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4013-0101 | 006819 | 1 | 25 | 50 | 75 | 34 | 10 | 612325 |
| 4013-0102 | 006826 | 2 | 25 | 50 | 75 | 38 | 10 | 612326 |

## 4021 PZ **SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS**

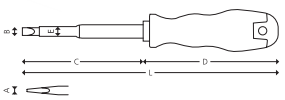
- Supplied with go-through blade and hexagonal bolster.
- Ergonomic soft grip handle with impact cap.
- Surface: Chrome plated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PZ | C MM | D MM | | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4021-0101 | 016689 | 1 | 80 | 110 | 8 | 190 | 88 | 6 |
| 4021-0102 | 016696 | 2 | 100 | 120 | 10 | 220 | 131 | 6 |
| 4021-0103 | 016702 | 3 | 150 | 130 | 13 | 280 | 219 | 6 |
| 4021-0404 | 016719 | 4 | 200 | 130 | 16 | 330 | 315 | 6 |

## 4200 INSULATED SCREWDRIVERS FOR SLOTTED HEAD SCREWS

IEC 60900:2004, ISO 2380, DIN 5264

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Insulation moulded directly onto the blade.
- Ergonomic soft grip handle.
- Cylindrical blade.
- Surface: Insulated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.

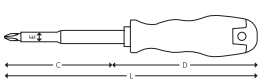


| ITEM NO. | 5704196+ | AXBXC MM | D MM | E MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4200-0025 | 022949 | 0,2 x 2,5 x 75 | 85 | 4,2 | 160 | 28 | 10 |
| 4200-0030 | 022956 | 0,5 x 3,0 x 100 | 85 | 4,7 | 185 | 32 | 10 |
| 4200-0035 | 022963 | 0,8 x 3,5 x 100 | 85 | 5,3 | 185 | 34 | 10 |
| 4200-0040 | 022970 | 0,8 x 4,0 x 100 | 105 | 6,0 | 215 | 58 | 10 |
| 4200-0055 | 022987 | 1,0 x 5,5 x 125 | 105 | 7,4 | 230 | 78 | 10 |
| 4200-0065 | 022994 | 1,2 x 6,5 x 150 | 115 | 8,5 | 270 | 114 | 10 |
| 4200-0080 | 023007 | 1,2 x 8,0 x 175 | 125 | 9,9 | 300 | 185 | 10 |

## 4210 INSULATED SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS

IEC 60900:2004, ISO 8764, DIN 5260

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Insulation moulded directly on to the blade.
- Ergonomic soft grip handle.
- Surface: Insulated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.

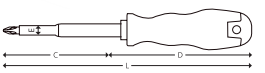


| ITEM NO. | 5704196+ | PH | C MM | D MM | E MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4210-0100 | 023014 | 0 | 60 | 85 | 4,7 | 145 | 29 | 10 |
| 4210-0101 | 023021 | 1 | 80 | 105 | 6,8 | 190 | 64 | 10 |
| 4210-0102 | 023038 | 2 | 100 | 115 | 7,8 | 215 | 94 | 10 |
| 4210-0103 | 023045 | 3 | 150 | 125 | 9,9 | 280 | 173 | 10 |

## 4220 INSULATED SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS

IEC 60900:2004, ISO 8764, DIN 5260

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Insulation moulded directly on to the blade. Ergonomic soft grip handle.
- Surface: Insulated blade with burnished tip.
  Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | PZ | C MM | D MM | E MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4220-0100 | 023052 | 0 | 60 | 85 | 4,7 | 145 | 29 | 10 |
| 4220-0101 | 023069 | 1 | 80 | 105 | 6,8 | 190 | 64 | 10 |
| 4220-0102 | 023076 | 2 | 100 | 115 | 7,8 | 215 | 94 | 10 |
| 4220-0103 | 023083 | 3 | 150 | 125 | 9,9 | 280 | 173 | 10 |

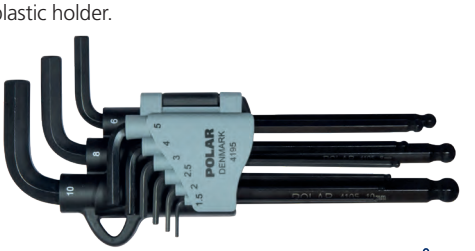
## 4290 INSULATED SCREWDRIVER SET - 6 PCS.

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4290-0006 | 023106 | 6 | 2.5 x 75 - 3.5 x 100 - 4.0 x 100 - 5.5 x 125<br>PH1 x 80 - PH2 x 100 | 492 | 1 |

## 4195 LS/9 LONG METRIC HEXAGON KEY SET WITH BALL-POINT

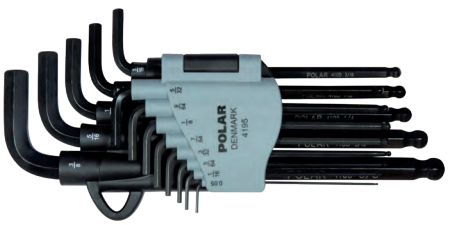
- Supplied in plastic holder.



| ITEM NO. | 5704196+ | QTY. | SIZE | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 4195-0009 | 012537 | 9 | 4105 BP 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm | 356 | 1 | 611281 |

## 4195 LIS/12 **LONG INCH HEXAGON KEY SET WITH BALL-POINT**

- Supplied in plastic holder.




| ITEM NO. | 5704196+ | QTY. | SIZE | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 4195-1013 | 039794 | 13 | 4105 IBP 0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8" | 388 | 1 | 611282 |

## 4190 LTXS/9 **LONG KEY SET FOR TORX® HEAD SCREWS**

- Supplied in plastic holder.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4190-6009 | 012551 | 9 | 4131TX T8-T10-T15-T20-T25-T27-T30-T40-T50 | 250 | 1 |

## 4195 FS/8 **METRIC HEXAGON KEY SET WITH BALL-POINT**

- Compact holder with comfortable grip.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4195-0008 | 012506 | 8 | 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 mm | 168 | 1 |

## 4190 S/30 **METRIC AND INCH HEXAGON KEY SET**

- Content:
  15 Metric hexagon keys: 0.7 - 0.9 - 1.3 - 1.5 - 2 - 2.5 - 3 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 10 mm
  15 Inch hexagon keys: 0.028 - 0.035 - 0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8"

| ITEM NO. | 5704196+ | DIMENSIONS | KG | |
|---|---|---|---|---|
| 4190-0030 | 012568 | 130 x 190 x 33 mm | 0,85 | 1 |

## 4790 **1/2" IMPACT BIT DRIVER SET**

**ITEM NO. 4790-0015**

210 MM × 45 MM × 110 MM

1,5 KG

5704196 013640

1

**IMPA** CODE 612432

- Set supplied in metal box with 5/16" bits (13 pcs.), bits socket and impact bit driver. 15 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Bits for slotted head screws | 4516 5/16" 8, 10, 12 mm |
| 3 | Bits for Phillips® screws | 4516 5/16" ACR PH 2 - 3 - 4 |
| 4 | Bits for Torx® screws | 4516 5/16" TX T40 - T45 - T50 - T55 |
| 3 | Bits for hex head screws | 4516 5/16" H 5 - 6 -8 mm |
| 1 | Screwdriver bit socket | 4712 IB 1/2" x 5/16" |
| 1 | Impact bit driver | 4712 1/2 ID |

GLOBAL ASSORTMENT

# HAMMERS & CHISELS

*POLAR offers a wide range of striking tools made of carbon steel and high grade chrome-molybdenum steel.*

## 8010 **BALL PEIN HAMMERS**

ISO 15601

- Model with round flat head and ball shaped pein. Hickory handle.
- Surface: Polished and enamelled. Material: Forged carbon steel head.

| ITEM NO. | 5704196+ | GRAMS | OZ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 8010-0230 | 009094 | 225 | 8 | 27 | 24 | 82 | 295 | 355 | 6 | 612502 |
| 8010-0340 | 009100 | 340 | 12 | 31 | 25 | 94 | 297 | 495 | 6 | 612503 |
| 8010-0450 | 009117 | 450 | 16 | 33 | 30 | 104 | 344 | 645 | 6 | 612504 |
| 8010-0680 | 009124 | 675 | 24 | 36 | 31 | 121 | 397 | 940 | 6 | 612506 |
| 8010-0900 | 009131 | 900 | 32 | 40 | 34 | 127 | 397 | 1280 | 6 | 612507 |

## 8040 **SLEDGE HAMMERS**

ISO 15601, DIN 6475

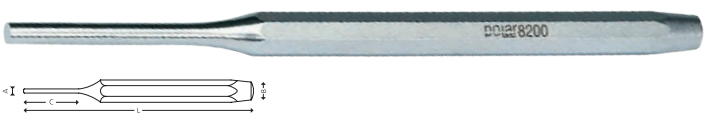
- Model with Hickory handle and steel protection.
- Surface: Polished and enamelled. Material: Forged carbon steel head.

| ITEM NO. | 5704196+ | GRAMS | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8040-1000 | 009001 | 1000 | 40 | 95 | 260 | 1233 | 6 | 612521 |
| 8040-1250 | 009018 | 1250 | 43 | 100 | 260 | 1375 | 6 | 612522 |
| 8040-1500 | 009025 | 1500 | 45 | 110 | 275 | 1642 | 4 | 612523 |
| 8040-2000 | 009032 | 2000 | 50 | 120 | 300 | 2327 | 4 | 612524 |

## 8200 **PIN PUNCHES**

DIN 6450

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.






| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8200-0002 | 009209 | 2 | 8 | 23 | 115 | 34 | 25 | 613070 |
| 8200-0003 | 009216 | 3 | 8 | 32 | 125 | 35 | 25 | 613071 |
| 8200-0004 | 009223 | 4 | 10 | 35 | 150 | 64 | 25 | 613072 |
| 8200-0005 | 009230 | 5 | 10 | 43 | 165 | 72 | 25 | 613073 |
| 8200-0006 | 009247 | 6 | 13 | 47 | 180 | 136 | 25 | 613074 |
| 8200-0008 | 009254 | 8 | 13 | 50 | 180 | 146 | 25 | 613076 |

## 8205 **TAPER PUNCHES**

DIN 6458

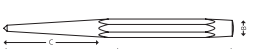
- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8205-0002 | 009278 | 2 | 10 | 48 | 120 | 52 | 25 |
| 8205-0003 | 009285 | 3 | 10 | 48 | 120 | 53 | 25 |
| 8205-0004 | 009292 | 4 | 10 | 48 | 120 | 55 | 25 |
| 8205-0005 | 009308 | 5 | 10 | 48 | 120 | 58 | 25 |
| 8205-0006 | 009315 | 6 | 10 | 48 | 120 | 59 | 25 |

## 8210 **CENTER PUNCHES**

DIN 7250

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.

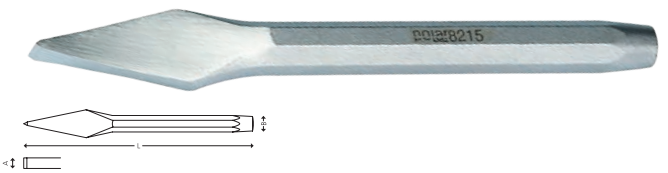


| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8210-0001 | 009322 | 3 | 8 | 40 | 100 | 32 | 10 | 613060 |
| 8210-0002 | 009339 | 4 | 10 | 50 | 120 | 54 | 10 | 613061 |

## 8215 **CAPE CHISELS**

DIN 6451

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.




| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 8215-0005 | 009346 | 5 | 10 | 130 | 63 | 25 | 612912 |
| 8215-0007 | 009353 | 7 | 13 | 165 | 147 | 25 | 612914 |

## 8220 **FLAT CHISELS**

DIN 6453

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.

| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 8220-0012 | 009360 | 12 | 10 | 130 | 68 | 25 | 612903 |
| 8220-0018 | 009384 | 18 | 13 | 165 | 158 | 10 | 612905 |

## 8290 PP/6 **ASSORTMENT WITH 6 PIN PUNCHES**

- Supplied in nylon bag.

6 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 8290-0006 | 000886 | 6 | 2 - 3 - 4 - 5 - 6 - 8 mm | 545 | 1 | 613080 |
| P8290-0006 | 017075 | 1 | Empty pouch for 8290-0006 | 52 | 1 | |

## 8290 S/5 **ASSORTMENT WITH 5 TOOLS**

- Supplied in nylon bag.
- Content:
  1 Taper punch: 3 x 120 mm
  1 Center punch: 2 x 120 mm
  1 Cape chisel: 5 x 130 mm
  1 Flat chisel: 12 x 130 mm
  1 Pin punch: 4 x 150 mm

5 TOOLS

| ITEM NO. | 5704196+ | | G | | IMPA CODE |
|---|---|---|---|---|---|
| 8290-1005 | 000909 | | 350 | 1 | 613088 |
| P8290-1005 | 017082 | Empty pouch for 8290-1005 | 53 | 1 | |

## 8290 S/17 **ASSORTMENT WITH 17 TOOLS**

- Supplied with metal holder.
- Content:
  2 Center punches: 3 - 4 mm
  5 Taper punches: 2 - 3 - 4 - 5 - 6 mm
  6 Pin punches: 2 - 3 - 4 - 5 - 6 - 8 mm
  2 Flat chisels: 12 - 18 mm
  2 Cape chisels: 5 - 7 mm

17 TOOLS

| ITEM NO. | 5704196+ | KG | | IMPA CODE |
|---|---|---|---|---|
| 8290-0017 | 000916 | 1,6 | 1 | 613089 |

GLOBAL ASSORTMENT

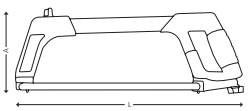
# MISCELLANEOUS PRODUCTS

*Discover a variety of POLAR products including measuring tools, knives, saws and bench vises.*

## 9210 **HACKSAW**

DIN 6473.

- Model for 300 mm blades with possibility of positioning the blade at 45° and 90°.
- Screw for regulating blade tension. HHS bi-metal steel blade 24 TPI.
- Surface: Enamelled finish.

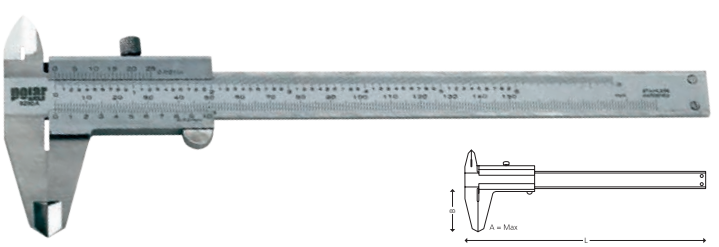


| ITEM NO. | 5704196+ | BLADE MM | BLADE " | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9210-0300 | 008363 | 300 | 12" | 150 | 400 | 595 | 6 | 613428 |

## 9200 A **VERNIER CALIPER**

ISO 3599, DIN 862

- Accurate to 0.02 mm (1/50 mm). Inside, outside and depth measurements.
- Vernier with thumb positioning guide.
- Vernier screw lock. Supplied in plastic case.
- Surface: Matt chrome beam and vernier. Material: Stainless steel.




| ITEM NO. | 5704196+ | PRECISION MM/INCH | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9200-0150 | 009582 | 0.02 / 0.001 | 150 | 40 | 235 | 155 | 1 | 650511 |

## 9400 S **TAPE RULES**

- Precision class II. Casing in steel with rubbergrip and clip.
- Anti-reflex nylon coated tape of hardened steel.
- Corrosion-, wear- and scratching resistant. Two buttons for tape rewind.
- Rigid up to 2,4 m horizontal and 3,6 m vertical.
- Double graduation in black on yellow background.
- Decimals highlighted in red.

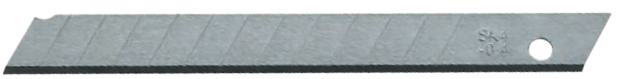
| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9400-0003 | 009506 | 3 m | mm | 16 | 70 x 65 x 30 | 150 | 12 | 650821 |
| 9400-0005 | 009513 | 5 m | mm | 25 | 80 x 75 x 38 | 300 | 12 | 650823 |
| 9400-0008 | 009520 | 8 m | mm | 25 | 90 x 85 x 40 | 415 | 6 | |

## 9101 **UTILITY KNIFE - 9 MM**

- Professionel model with 9 mm snap-off blades.
- Steel blade guide with automatic insert of new blades.
- 4 spare blades inside the handle.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9101-0009 | 008288 | 140 | 114 | 12 | 471011 |

## 9101 SB **9 MM SPARE BLADES (10 PCS.)**



| ITEM NO. | 5704196+ | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9101-0910 | 008295 | 9 mm | 24 | 50 | 471014 |

## 9105 **UTILITY KNIFE - 18 MM**

- Professionel model with 18 mm snap-off blades.
- Steel blade guide with automatic insert of new blades.
- Adjustment screw to lock the blade.
- 4 spare blades inside the handle.
- Comfortable rubber grip.

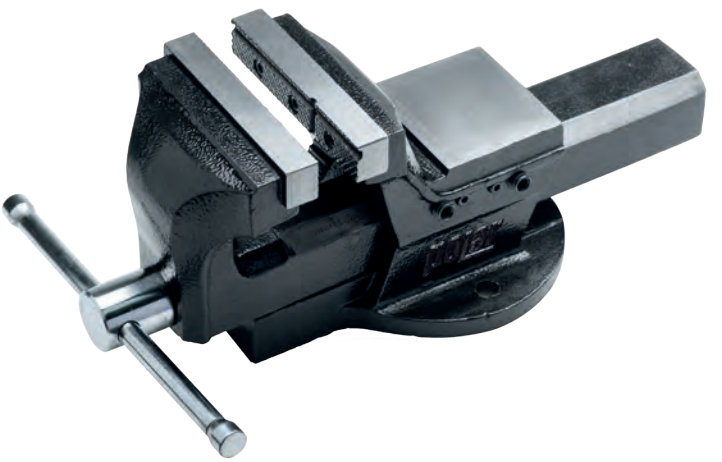
| ITEM NO. | 5704196+ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9105-0018 | 008301 | 170 | 228 | 12 | 471013 |

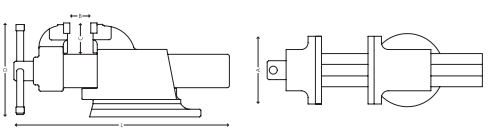
## 9105 SB **18 MM SPARE BLADES (10 PCS.)**

| ITEM NO. | 5704196+ | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9105-1810 | 008318 | 18 mm | 50 | 36 | 471015 |

## 8400 **BENCH VISES**

- Model made of cast carbon steel with anvil.
- Equipped with pipe jaws. Replacable top jaws.
- Surface: Black hammer paint.
- *Model 8400-0075 is supplied with swivel base.*

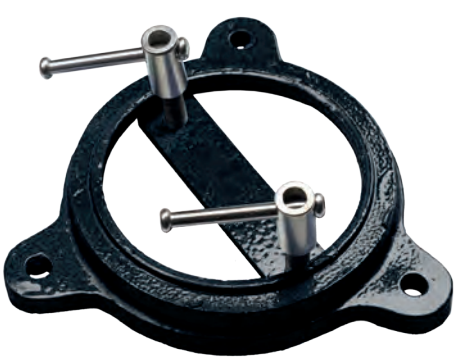




| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | L MM | KG | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 8400-0075 | 009940 | 75 | 95 | 50 | 135 | 280 | 4,5 | 1 | 613786 |
| 8400-0100 | 009476 | 100 | 95 | 70 | 125 | 315 | 7,3 | 1 | 613774 |
| 8400-0125 | 009483 | 125 | 145 | 80 | 150 | 410 | 10,7 | 1 | 613776 |
| 8400-0150 | 009490 | 150 | 167 | 100 | 175 | 465 | 17,0 | 1 | 613777 |
| 8400-0175 | 020037 | 175 | 215 | 117 | 210 | 530 | 25,0 | 1 | 613778 |

## 8400 **360° SWIVEL BASE FOR BENCH VISE**

- Surface: Black hammer paint.



| ITEM NO. | 5704196+ | KG | |
|---|---|---|---|
| 8400-1100 | 020044 | 0,8 | 1 |
| 8400-1125 | 020051 | 1,0 | 1 |
| 8400-1150 | 020068 | 1,6 | 1 |
| 8400-1175 | 020075 | 1,9 | 1 |

# POLAR
## TOOL INDEX

## ROLLER CABINETS, ASSORTMENTS & STORAGE 6-89


**ROLLER CABINETS** 6-25
CARGO 16-17
EASY 10-11, 21
EASY LIGHT 8-9
MINI 18-19, 83
X-LARGE 12-13
XX-LARGE 14-15

**ROLLER CABINETS WITH TOOLS** 66-81
CARGO 67, 69
EASY 66-69, 72-73
EASY LIGHT 66, 68
MINI 83
MEGA 1000+ 80-81
X-LARGE 70, 74-79
XX-LARGE 71, 75-81

**TOOL ASSORTMENTS** 26-65
ASSORTMENTS 28-53
TOOLSET S1, 350 PCS. 54
TOOLSET S2, 425 PCS. 55
TOOLSET S3, 470 PCS. 56
TOOLSET S4, 66 PCS. 57
TOOLSET S5, 163 PCS. 58
TOOLSET S6, 473 PCS. 59
TOOLSET S7, 447 PCS. 61
TOOLSET S13, 1129 PCS. 62-65
TOOLSET S14, 1151 PCS. 62-65

**ACCESSORIES** 20-25

**STORAGE**
CABINET 84
DRAWER CHESTS 20, 83
SERVICE CARTS 87
SIDE CABINETS 21
TOOL BOXES 89
TOOL TROLLEYS 88
TOOL HOLDERS/HOOKS 84-86
TOOL PANELS 82, 84
WORKBENCH 82

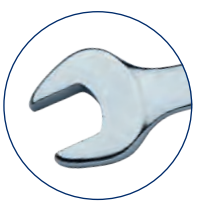
## STRIKING TOOLS 240-245


CHISELS 244-245
HAMMERS 241-243
PUNCHES 243-244

## SOCKET WRENCH SETS & TOOL SETS 90-103/173-209


**SOCKET SETS** 173-209
1/4" 173-176
3/8" 177, 186-189
1/2" 191-205
3/4" 207
1" 209

**TOOL SETS** 90-103

## WRENCHES 104-112


ADJUSTABLE 112
COMBINATION 105-106
COMBINATION OFFSET 109
COMBINATION, STUBBY 107
DOUBLE END STARTER RING 110
DOUBLE SOCKET RATCHET 107
DOUBLE SWIVEL END 111
FLARE NUT 110
OPEN END 108
REVERSIBLE GEAR COMBINATION 107
RING END 109-110
SUPER THIN OPEN END 108-109
SWIVEL GEAR COMBINATION 111

## PULLERS 254-265


2-ARM EXTERNAL / INTERNAL PULLERS 255-261
3-ARM EXTERNAL / INTERNAL PULLERS 257-261
BALL BEARING EXTRACTORS 263
BALL JOINT PULLERS 263-264
EXTRACTORS 265
INTERNAL EXTRACTORS 261
SEPARATORS 262
UNIVERSAL PULLER SETS 260-262

## AIR TOOLS 210-239


ACCESSORIES 224-239
AIR BODY SAW 223
BLOWGUNS 226
COUPLINGS AND NIPPLES 224-225
DRILLS 220
GRINDERS 216-218
HAMMERS 222
IMPACT WRENCHES 212-214
NEEDLE SCALERS 223
POLISHERS 218
RATCHETS 215
RIVETERS 221
SANDERS 219-220
TIRE INFLATING GUN 226

## MISCELLANEOUS PRODUCTS 274-299


BENCH VISES 282
BLIND RIVETS 299
BODY REPAIR TOOLS 284-287
BRUSHES 277, 284
CABLE TIES 293-297
FILES 275-277
HAND RIVET TOOLS 298
HOOKS AND PICK TOOLS 280-281
INSPECTION MIRRORS 289
KNIVES 290-291
MAGNETIC TRAYS 289
NUMBER/LETTER PUNCH TOOLS 278
NUT SPLITTERS 282
OIL FILTER STRAP WRENCHES 283
OUTER REAMER 283
PICK-UP TOOLS 288
PRY BARS 281
RATCHETING T-HANDLE TAP WRENCH 283
REMOVAL TOOLS 280-281
SAWS (HAND- AND HACK SAW) 292
SCRAPERS 279-280
TYRE LEVERS 282
WORK LAMP (LED) 299

# POLAR
# TOOL INDEX

## PLIERS 122-131


**PLIERS** 122-131
CIRCLIP 130
COMBINATION 123
DIAGONAL 123
ELECTRONIC 125
LOCKING 129-130
NOSE 123
NUTBUSTER 125
OIL FILTER 131, 283
PIPE WRENCHES 126
TONGUE AND GROOVE 124
WATER PUMP 124
WHEEL WEIGHT 131
WIRE STRIPPER 123

**PLIERS, PRECISION** 126-127
CUTTERS 126-127
COMBINATION 126
MECHANICS 127
NOSE 126-127

**MORE...**
CRIMPING TOOL 125
HOSE CLAMP 130
ELECTRICIANS SCISSOR 131
METAL CUTTING SHEARS 130
UNIVERSAL SCISSOR 131

## INSULATED TOOLS 266-273


3/8" RATCHET 272
3/8" SOCKETS AND ACCESSORIES 272
1/2" RATCHET 273
1/2" SOCKETS AND ACCESSORIES 273
HEXAGON KEYS 270
KNIVES 267
PLIERS 268-269
SCREWDRIVERS 270-271
WRENCHES 267

## SCREWDRIVERS & BITS 132-163


**BITS & ACCESSORIES** 150-163
10 MM BITS 160-161
14 MM BITS 162-163
1/4" BITS AND ADAPTORS 150-158
5/16" BITS 159
BITS SETS 153-157, 163
IMPACT BIT DRIVER 160
SCREWDRIVER BIT SOCKETS 157, 159, 163

**L-SHAPED KEYS** 143-147
HEXAGON KEYS 143-145, 147
TORX® 146-147

**SCREWDRIVERS** 132-142
BIT HOLDING 140
GO-THROUGH 134-137
HEX HEAD 140
NUTDRIVERS 140
PHILLIPS® 135
POZIDRIV® 136
RATCHET SCREWDRIVER 141
SLOTTED 134
TORX® AND TAMPER RESISTANT® TORX® 139

**SCREWDRIVERS, PRECISION** 141-142
PHILLIPS® 141-142
SLOTTED 141-141
TORX® AND TAMPER RESISTANT TORX® 141-142

**SCREWDRIVERS, T-HANDLE** 148-149
HEX HEAD 148
HEX NUTSPINNER 149
TORX® 149

## TORQUE WRENCHES 113-121


ANGLE AND TORQUE ADAPTERS 119
ANGLE METER 120
BICYCLE TORQUE KITS 118
BOX END INSERTS 120
CLICK-TYPE TORQUE WRENCHES 114-115
DIGITAL TORQUE MEASUREMENT TESTER 120
DIGITAL TORQUE MINI WRENCHES 117
DIGITAL TORQUE WRENCHES 116-118
DIGITAL TORQUE SCREWDRIVERS 119
OPEN END INSERTS 121
RATCHET INSERTS 121

## SOCKETS & ACCS. 164-209/227-229


**MANUEL**
1/4" 166-176
3/8" 177-189
1/2" 190-205
3/4" 206-207
1" 208-209

**IMPACT**
3/8" 228-229
1/2" 229-235
3/4" 236-237
1" 238-239
1½" 239

## MEASURING TOOLS 246-253


DEPTH GAUGE 248
DIAL INDICATORS 249
FEELER GAUGES 251
LEVELS 253
MAGNETIC STAND 249
MARKING GAUGES 250-251
MEASURING SET 251
MICROMETER 248-249
PROTRACTOR 248
RULERS 250
SCREW PITCH GAUGE 251
SQUARES 250
TAPE RULES 252-253
VERNIER CALIPER 227-248

## DISPLAYS & COLLECTION 300-306


DISPLAY ACCESSORIES 301-302
DISPLAY STANDS 300-301
DISPLAYS FOR TOOL SETS 302
POLAR COLLECTION 304-306
SALES DISPLAYS 303

# POLAR TOOLS

## WE ARE PROUD TO PRESENT OUR **NEW POLAR CATALOGUE.**

**POLAR TOOLS A/S** is a Scandinavian manufacturer and supplier of professional quality tools. The company was established in 2006 with focus on global sales, creating strong and individual solutions to our global customers within various sectors – from the Army to the Pharmaceutical Industry, Offshore to Airlines, from Denmark to all over the world.

We have one single definition; to produce, sell and supply quality tools. **POLAR** is good and solid handtools, characterized by reliability and design. **POLAR** handtools follow the strict demands for quality and utility, though **POLAR** handtools are sold at competitive prices.

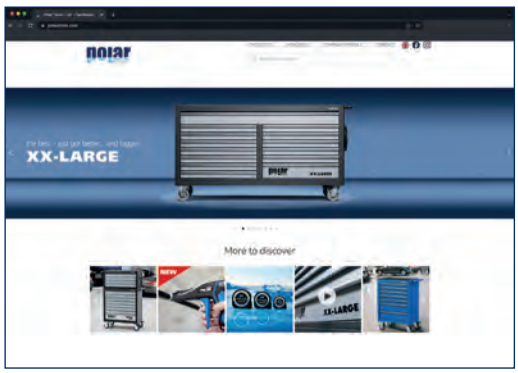
At **POLAR** we focus on offering an assortment which matches the present marked demands and expectations to a serious supplier of handtools. For this reason, all **POLAR** handtools are carefully selected, examined and tested by professional users at our test centers.

Experience the wide range of products from **POLAR**, which counts for more than 3,000 quality tools and still more to come.

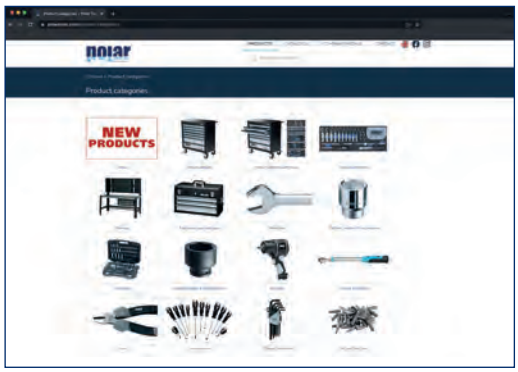
# POLARTOOLS.COM

*Visit our up-to-date website for the latest product news and activities, and find all necessary technical information related to our products.*
*If you want to be sure not to miss important news, then sign up for our newsletter or join us on Facebook or Instagram.*

FOLLOW US!




*Products, news, catalogues, manuals and more.*




*Sorted by range and size.*

*Product details, tecnical information and related products.*

# ROLLER CABINETS

*POLAR Roller cabinets have been developed and built to exceed the highest standards. The construction of our tool storage units are performed without compromise, to ensure the strength and durability you need.*

*All our roller cabinets include the following standard features:*

- Quick lock system.
- Centralized locking.
- Drawers with steel handles.
- Double wall construction.
- Reinforced bottom construction.
- 1.2 mm strong sheet steel casing.
- Worktop in chemical resistant hard PVC material.
- Oil-proof rubber mats in all drawers.
- Large oil-proof rubber casters.

POLAR
polar
X-LARGE

**POLAR**
STORAGE

# EASY LIGHT

*POLAR EASY LIGHT is our newest roller cabinet. The cabinet has many of the same good features as our popular EASY and X-LARGE cabinets, but the LIGHT model is added an extra elegant shiny finish and available in various colors.*

*Various colors (grey, red, blue, green and black).*

*Centralized locking.*

*10 mm durable foam mat.*

*Front handles with auto-lock system.*

*Solid handle for easy moving.*

*Drawers supplied with oil-proof rubber mats.*

*100% extraction.*

*Drawers mounted on ball bearing slides. (Loading capacity: 40 kg).*

*Material: 1,0 mm sheet steel casing.*

*Surface: Powder coating.*

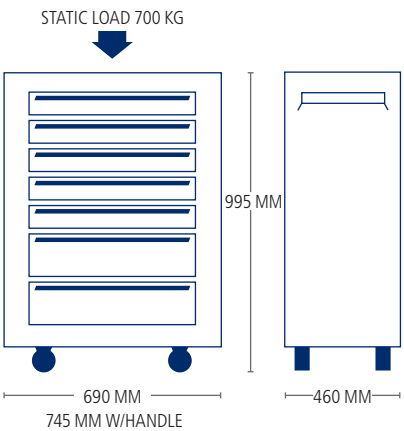
*Oil-proof rubber wheels. Ø 120 mm.*

*Reinforced bottom construction.*

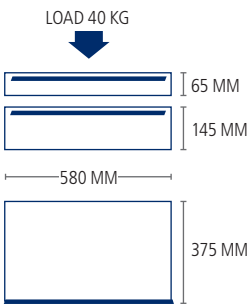
*2 swivelling wheels with brakes.*

# POLAR
STORAGE

## ROLLER CABINET **DIMENSIONS**




## DRAWER **DIMENSIONS**




## **EASY LIGHT** TOOLSETS

*163 tools - page 66*
*350 tools - page 68*

## **EASY LIGHT** ACCESSORIES

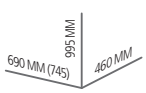
*Page 22-24*

## **EASY LIGHT** SPAREPARTS

*Page 24-25*

## 1002 7L **EASY LIGHT ROLLER CABINETS**

- Roller cabinet (empty) with 7 drawers.
- Available in various colors.
- Surface: Powder coating.




| ITEM NO. | 5704196+ | COLOR ROLLER CABINET | MODEL | KG |
|---|---|---|---|---|
| 1002-0007 | 030326 | BLACK | 1002 7LS | 62,7 |
| 1002-1007 | 042374 | GREY | 1002 7LG | 62,7 |
| 1002-2007 | 042381 | RED | 1002 7LR | 62,7 |
| 1002-3007 | 042398 | BLUE | 1002 7LB | 62,7 |
| 1002-4007 | 046761 | GREEN | 1002 7LT | 62,7 |

**POLAR**
STORAGE

# EASY

*POLAR EASY is our most popular roller cabinet, which gives you reliability and space, to store your tools and equipment. A large program of side cabinets and accessories makes this roller cabinet very versatile.*

*Heavy-duty construction: 700 kg static load.*

*Centralized locking.*

*Worktop in hard PVC material. Chemical resistant.*

*Front handles with auto-lock system.*

*Solid handle for easy moving.*

*100% extraction.*

*Drawers supplied with oil-proof rubber mats.*

*Drawers mounted on ball bearing slides. (Loading capacity: 40 kg).*

*Material: 1,2 mm sheet steel casing.*

*CSS - Cabinet Safety System (Only one drawer can be open at a time).*

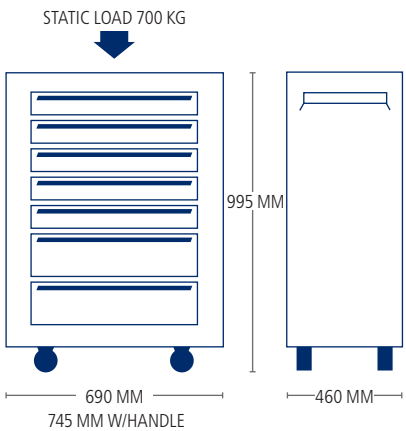
*Surface: Black and grey powder coating.*

*Oil-proof rubber wheels. Ø 120 mm.*

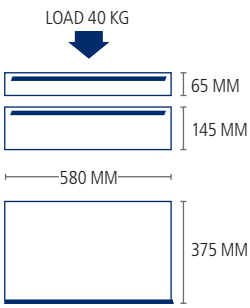
*Reinforced bottom construction.*

*2 swivelling wheels with brakes.*

## ROLLER CABINET **DIMENSIONS**




## DRAWER **DIMENSIONS**




## **EASY** TOOLSETS

*163 tools - page 66-67*
*350 tools - page 68-69*
*425 tools - page 72-73*

## **EASY** ACCESSORIES

*Page 22-24*

## **EASY** SPAREPARTS

*Page 24-25*

## 1000 7E **EASY ROLLER CABINET**

**ITEM NO. 1000-0007**

64 KG | 5704196 009742 | 690 MM (745) | 995 MM | 460 MM

- Roller cabinet (empty) with 7 drawers.
- 5 drawers: H 65 x W 580 x D 375 mm
- 2 drawers: H 145 x W 580 x D 375 mm

## 1000 8E **EASY ROLLER CABINET**

**ITEM NO. 1000-0008**

66 KG | 5704196 027982 | 690 MM (745) | 995 MM | 460 MM

- Roller cabinet (empty) with 8 drawers.
- 7 drawers: H 65 x W 580 x D 375 mm
- 1 drawer: H 145 x W 580 x D 375 mm

**POLAR**
STORAGE

# X-LARGE

*POLAR X-LARGE gives you 50 % more storage capacity for your tools and equipment. The large worktop makes it a good workstation, whenever mobility is needed. The roller cabinet is available with 7 and 8 drawers.*

*Heavy-duty construction: 750 kg static load.*

*Centralized locking.*

*Worktop in hard PVC material. Chemical resistant.*

*Solid handle for easy moving.*

*Front handles with auto-lock system.*

*Surface: Black and grey powder coating.*

*100% extraction.*

*Drawers supplied with oil-proof rubber mats.*

*Drawers mounted on ball bearing slides. (Loading capacity: 40 kg).*

*Material: 1,2 mm sheet steel casing.*

*CSS - Cabinet Safety System (Only one drawer can be open at a time).*

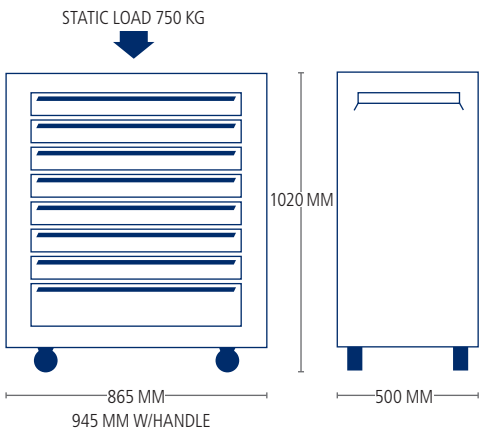
*Oil-proof rubber wheels. Ø 120 mm.*

*Reinforced bottom construction.*

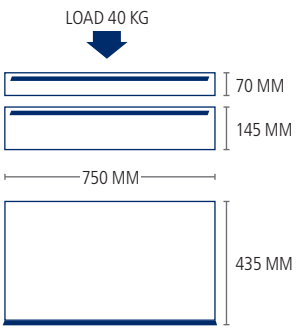
*2 swivelling wheels with brakes.*

# **POLAR** STORAGE

## ROLLER CABINET **DIMENSIONS**




## DRAWER **DIMENSIONS**




## **X-LARGE** TOOLSETS

*350 tools - page 70*
*447 tools - page 74-75*
*470 tools - page 76-77*
*473 tools - page 78-79*

## **X-LARGE** ACCESSORIES

*Page 22-24*

## **X-LARGE** SPAREPARTS

*Page 24-25*

## 1000 7XL **X-LARGE ROLLER CABINET**

**ITEM NO. 1000-1007**

84,5 KG | 5704196 013510 | 865 MM (945) | 1020 MM | 500 MM

- Roller cabinet (empty) with 7 drawers.
- 5 drawers: H 70 x W 750 x D 435 mm
- 2 drawers: H 145 x W 750 x D 435 mm

## 1000 8XL **X-LARGE ROLLER CABINET**

**ITEM NO. 1000-1008**

85 KG | 5704196 015668 | 865 MM (945) | 1020 MM | 500 MM

- Roller cabinet (empty) with 8 drawers.
- 7 drawers: H 70 x W 750 x D 435 mm
- 1 drawer: H 145 x W 750 x D 435 mm

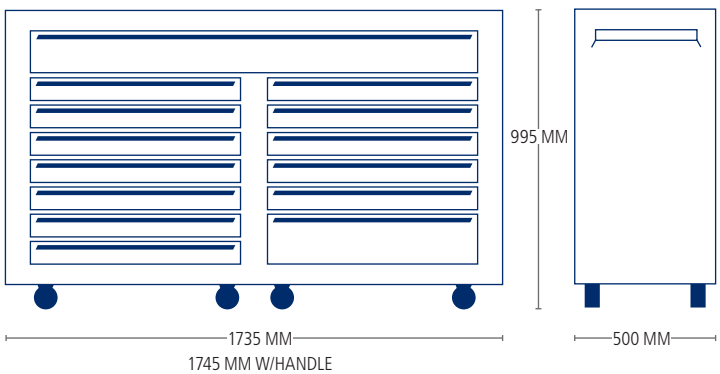
**POLAR**
STORAGE

# XX-LARGE

*POLAR XX-LARGE gives you twice as much storage space compared to our popular X-LARGE series. With its 14 drawers and 1.5 meter long worktop you not only get space for all your tools, but a complete workshop.*

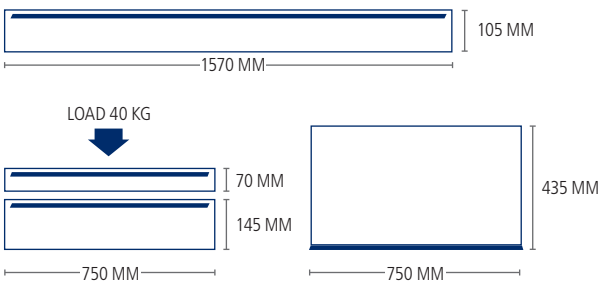
## ROLLER CABINET **DIMENSIONS**

STATIC LOAD 1000 KG




## DRAWER **DIMENSIONS**

TOP DRAWER LOAD 60 KG




### **XX-LARGE** TOOLSETS

*350 tools - page 71*
*447 tools - page 74-75*
*470 tools - page 76-77*
*473 tools - page 78-79*
*1129 tools - page 80-81*
*1151 tools - page 80-81*

### **XX-LARGE** ACCESSORIES

*Page 22-24*

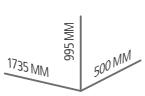
### **XX-LARGE** SPAREPARTS

*Page 24-25*

## 1000 14XXL **X-LARGE ROLLER CABINET**

**ITEM NO. 1000-4014**

198 KG  5704196 050577



- Roller cabinet (empty) with 14 drawers.
- Top drawer: H 105 x W 1570 x D 435 mm
- 12 drawers: H 70 x W 750 x D 435 mm
- 1 drawer: H 145 x W 750 x D 435 mm

*Additional equipment: 230 V / USB Power outlet (not included) Item no. P1000-4014-15*

*Top drawer mounted on double ball bearing slides.*

# CARGO

*POLAR CARGO is our largest roller cabinet and preferable when storage space and mobility is the key word. Adding side cabinets and accessories, will make this roller cabinet very versatile and a true workstation.*

*Heavy-duty construction: 850 kg static load.*

*Centralized locking.*

*Worktop in hard PVC material. Chemical resistant.*

*Front handles with auto-lock system.*

*Solid handle for easy moving.*

*100% drawer extraction.*

*Drawers supplied with oil-proof rubber mats.*

*Drawers mounted on ball bearing slides. (Loading capacity: 40 kg).*

*Material: 1,2 mm sheet steel casing.*

*Surface: Black and grey powder coating.*

*High drawer.*

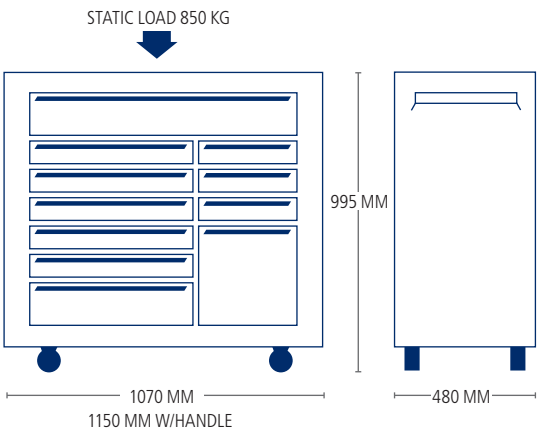
*Oil-proof rubber wheels. Ø 120 mm.*

*Reinforced bottom construction.*

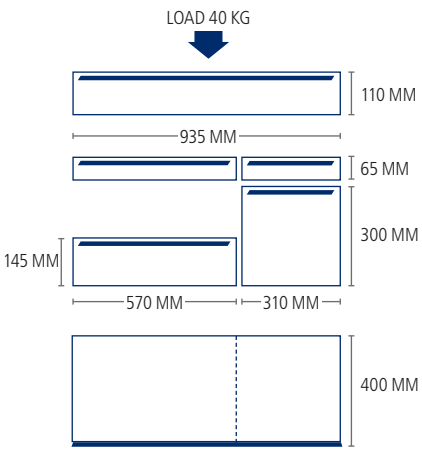
*2 swivelling wheels with brakes.*

# POLAR STORAGE

## ROLLER CABINET **DIMENSIONS**




## DRAWER **DIMENSIONS**




## **CARGO** TOOLSETS

*163 tools - page 67*
*350 tools - page 69*

## **CARGO** ACCESSORIES

*Page 22-24*

## **CARGO** SPAREPARTS

*Page 24-25*

## 1000 11C **CARGO ROLLER CABINET**

**ITEM NO. 1000-2011**

127 KG  5704196 013527  1070 MM (1150) × 995 MM × 480MM

- Roller cabinet (empty) with 11 drawers.
- 1 drawer: H 110 x W 935 x D 400 mm
- 5 drawers: H 65 x W 570 x D 400 mm
- 1 drawer: H 145 x W 570 x D 400 mm
- 3 drawers: H 65 x W 310 x D 400 mm
- 1 drawer: H 300 x W 310 x D 400 mm

**POLAR**
STORAGE

# MINI

*POLAR MINI roller cabinet is our small and compact trolley, but with same technical features as the standard roller cabinets. It has been designed to fit underneath our workbench, taking up a minimum of floor space.*

*Centralized locking.*

*Worktop in hard PVC material. Chemical resistant.*

*Construction: 200 kg static load.*

*Solid handle for easy moving.*

*100% drawer extraction.*

*Material: 1,2 mm sheet steel casing.*

*Drawers mounted on ball bearing slides. (Loading capacity: 30 kg).*

*Surface: Black and grey powder coating.*

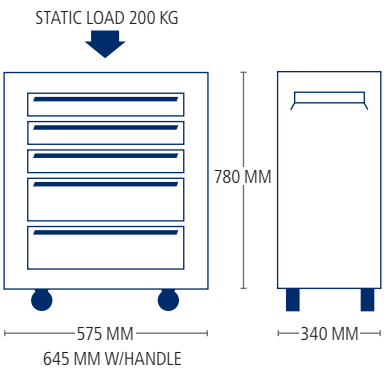
*Drawers supplied with oil-proof rubber mats.*

*Oil-proof nylon wheels. Ø 100 mm.*

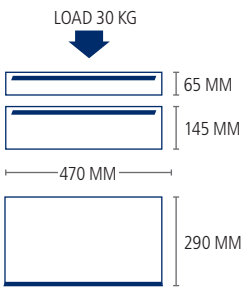
*2 swivelling wheels with brakes.*

# POLAR STORAGE

## ROLLER CABINET **DIMENSIONS**




## DRAWER **DIMENSIONS**




**MINI** TOOLSETS
*66 tools - page 57*

**MINI** ACCESSORIES
*Page 22-24*

**MINI** SPAREPARTS
*Page 24-25*

## 1000 5M **MINI CABINET**

**ITEM NO. 1000-3005**

35 KG | 5704196 016863 | 575 MM (645) × 780 MM × 340 MM

- Roller cabinet (empty) with 5 drawers.
- 3 drawers: H 65 x W 470 x D 290 mm
- 2 drawers: H 145 x W 470 x D 290 mm

*The MINI roller cabinet can be stored under the workbench.*

# ROLLER CABINETS - ACCESSORIES

## 1005 3D **DRAWER CHEST**

**ITEM NO. 1005-0003** 5704196 016870

**HxWxD** 340 x 690 x 460 MM 28 KG 1

**SUITABLE FOR**

- Possible to combine with roller cabinets EASY and X-LARGE.
- Front handles with auto-lock system.
- Centralized locking. Handles on both sides.
- Drawer loading capacity: 30 kg
- 3 drawers mounted on ball bearing slides (H 75 x W 580 x D 375 mm).
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1005 4D **DRAWER CHEST**

**ITEM NO. 1005-0004** 5704196 015675

**HxWxD** 490 x 660 x 405 MM 33 KG 1

**SUITABLE FOR**

- Possible to combine with roller cabinets EASY and X-LARGE.
- Front handles with auto-lock system.
- Centralized locking. Handles on both sides.
- Drawer loading capacity: 30 kg
- 4 drawers mounted on ball bearing slides (H 75 x W 580 x D 375 mm).
- Upper compartment: H 70 x W 650 x D 390 mm
- Supplied with tool tray: H 43 x W 440 x D 180 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1005 4DXL **DRAWER CHEST**

**ITEM NO. 1005-1004** 5704196 028590

**HxWxD** 452 x 865 x 500 MM 44,5 KG 1

**SUITABLE FOR**

- Possible to combine with X-LARGE roller cabinets.
- Front handles with auto-lock system.
- Centralized locking. Handles on both sides.
- Drawer loading capacity: 40 kg
- 4 drawers mounted on ball bearing slides (H 70 x W 750 x D 435 mm).
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

# POLAR
STORAGE

**SUITABLE FOR**

## 1010 A **SIDECABINET WITH 2 SHELVES**

**ITEM NO. 1010-0001** 5704196 013534

**HxWxD** 860 x 380 x 460 MM 20 KG 1

- Possible to combine with roller cabinets EASY, EASY LIGHT, X-LARGE, XX-LARGE, CARGO and MEGA.
- Shelve loading capacity: 30 kg
- 2 shelves: W 350 x D 420 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1010 C **SIDECABINET WITH PANEL**

**ITEM NO. 1010-0003** 5704196 013558

**HxWxD** 860 x 310 x 460 MM 28 KG 1

- Possible to combine with roller cabinets EASY, EASY LIGHT, X-LARGE, XX-LARGE, CARGO and MEGA.
- 1 panel with 30 hooks: H 630 x W 415 mm
- 1 upper compartment: H 65 x W 190 x D 410 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1010 B **SIDECABINET WITH DRAWERS**

**ITEM NO. 1010-0002** 5704196 013541

**HxWxD** 860 x 380 x 460 MM 41 KG 1

- Possible to combine with roller cabinets EASY, EASY LIGHT, X-LARGE, XX-LARGE, CARGO and MEGA.
- 7 drawers mounted on ball bearing slides.
- All drawers are supplied with oil-proof rubber mats.
- Centralized locking.
- Drawer loading capacity: 40 kg
- 5 drawers: H 70 x W 265 x D 400 mm
- 2 drawers: H 150 x W 265 x D 400 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1090 E **EASY ROLLER CABINET WITH TWO CABINETS AND TOP CHEST**

**ITEM NO. 1090-0004** 5704196 015606 **HxWxD** 1485 x 1380 x 460 MM 158 KG

- Supplied with sidecabinets models 1010 A and B and tool chest model 1005 4D.

# POLAR
STORAGE

## 1011 A **HOLDER FOR SPRAYCANS**

**ITEM NO. 1011-0001**

5704196 013565 **HxWxD** 90 x 90 x 430 MM 1,25 KG 1

- Possible to mount on roller cabinets EASY, EASY LIGHT, X-LARGE, XX-LARGE, CARGO and MEGA.
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1011 C **PAPER HOLDER**

**ITEM NO. 1011-0003**

5704196 013589 **HxWxD** 100 x 375 x 220 MM 1,25 KG 1

- Possible to mount on roller cabinets EASY, EASY LIGHT, X-LARGE, XX-LARGE, CARGO and MEGA.
- Paperroll: Max. width 365 mm, max. Ø 380 mm
- Surface: Black and grey powder coating.
- Material: 2 mm sheet steel casing.

## 1011 B **SIDETABLE**

**ITEM NO. 1011-0002**

5704196 013572 **HxWxD** 178 x 405 x 434 MM 4 KG 1

- Possible to mount on roller cabinets EASY, EASY LIGHT, X-LARGE, XX-LARGE, CARGO and MEGA.
- Workarea: 434 x 405 mm
- Surface: Black powder coating.
- Material: 1,2 mm sheet steel casing.

## 1011 D **WASTEBASKET**

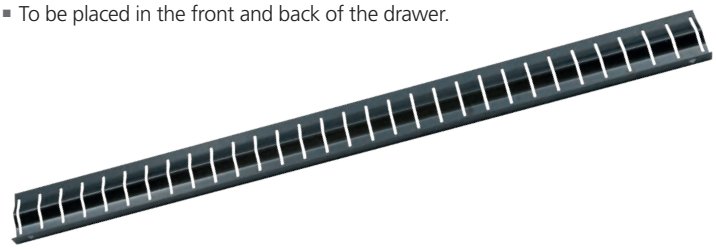
**ITEM NO. 1011-0004**

5704196 016511 **HxWxD** 450 x 365 x 260 MM 1,4 KG 1

- 25-liter plastic bin.
- Can be used together with all POLAR roller cabinets.

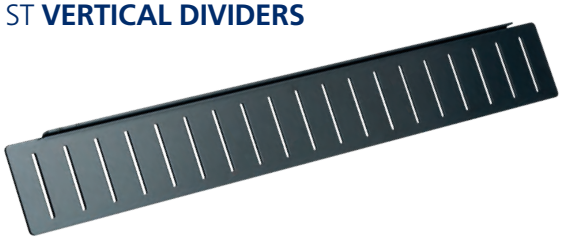
## 1011 FB **EXTERNAL DIVIDERS**

- To be placed in the front and back of the drawer.



| ITEM NO. | 5704196+ | USABLE FOR ROLLER CABINET | L MM | H MM | KG | |
|---|---|---|---|---|---|---|
| 1011-0100 | 016757 | EASY / LIGHT | 578 | 50 | 0,264 | 1 |
| 1011-0120 | 016771 | X-LARGE | 752 | 50 | 0,343 | 1 |

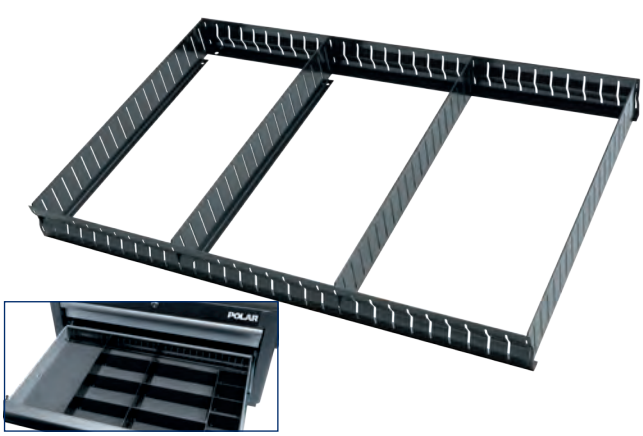
## 1011 ST **VERTICAL DIVIDERS**



| ITEM NO. | 5704196+ | USABLE FOR ROLLER CABINETS | L MM | H MM | KG | |
|---|---|---|---|---|---|---|
| 1011-0105 | 016764 | EASY / LIGHT | 372 | 50 | 0,232 | 1 |
| 1011-0125 | 016788 | X-LARGE | 434 | 50 | 0,273 | 1 |

## 1011 S/6 **SET OF DIVIDERS**

- Set with two external dividers and four vertical dividers.




| ITEM NO. | 5704196+ | USABLE FOR ROLLER CABINETS | KG | |
|---|---|---|---|---|
| 1011-0110 | 016832 | EASY / LIGHT | 1,4 | 1 |
| 1011-0130 | 016849 | X-LARGE | 1,8 | 1 |

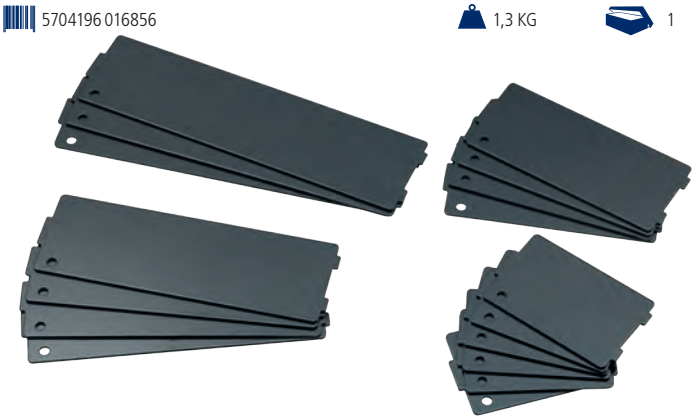
## 1011 SQ **HORIZONTAL DIVIDERS**

| ITEM NO. | 5704196+ | TYPE | L MM | H MM | KG | |
|---|---|---|---|---|---|---|
| 1011-0140 | 016825 | 0 | 80 | 50 | 0,048 | 1 |
| 1011-0141 | 016818 | 1 | 117 | 50 | 0,071 | 1 |
| 1011-0142 | 016801 | 2 | 155 | 50 | 0,098 | 1 |
| 1011-0143 | 016795 | 3 | 193 | 50 | 0,119 | 1 |

## 1011 S/17 **SET OF 17 DIVIDERS**

**ITEM NO. 1011-0150**

5704196 016856 — 1,3 KG — 1



- The set contains 6 dividers type 0 - 4 dividers type 1 - 4 dividers type 2 and 3 dividers type 3.

## **HANDLE - ROLLER CABINETS**

| ITEM NO. | 5704196+ | USABLE FOR ROLLER CABINETS | L MM | G | |
|---|---|---|---|---|---|
| P1000-0000-07 | 037363 | EASY | 445 | 670 | 1 |
| P1000-1000-07 | 037370 | X-LARGE | 485 | 690 | 1 |
| P1000-2000-13 | 037134 | CARGO | 445 | 670 | 1 |

# POLAR
STORAGE

## LOCK WITH 2 KEYS FOR ROLLER CABINETS

- For all POLAR STORAGE products.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| P1000-0000-00 | 016528 | 67 | 1 |

## MASTER KEY

- For all POLAR STORAGE products.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| P1000-0000-01 | 027135 | 6 | 1 |

## KEY FOR ROLLER CABINET

- For all POLAR STORAGE products.
- On purchase - enlight existing key number.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| P1000-0000-02 | 027159 | 6 | 1 |

## 230 V / USB POWER OUTLET

- Power outlet for XX-LARGE roller cabinet.
- 230 V
- 2 x USB Port
- Inclusive 5 meter cable.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| P1000-4014-15 | 050584 | 1100 | 1 |

## TOPPLATE - PVC

- For EASY LIGHT, EASY, X-LARGE, CARGO, sidecabinets and workbench.

| ITEM NO. | 5704196+ | TYPE | HxWxD MM | G | |
|---|---|---|---|---|---|
| P1000-0000-05 | 027104 | EASY / EASY LIGHT | 13 x 680 x 450 | 5500 | 1 |
| P1000-1000-05 | 027111 | X-LARGE | 13 x 855 x 490 | 7750 | 1 |
| P1000-2000-05 | 027128 | CARGO | 13 x 1055 x 470 | 9400 | 1 |
| P1300-1500-01 | 049519 | WORKBENCH | 13 x 1550 x 490 | 24000 | 1 |
| P1010-0001-06 | 047270 | SIDECABINET 1010 A | 13 x 365 x 450 | 3300 | 1 |
| P1010-0002-06 | 047294 | SIDECABINET 1010 B | 13 x 365 x 450 | 3200 | 1 |
| P1010-0003-06 | 047287 | SIDECABINET 1010 C | 13 x 300 x 450 | 2500 | 1 |

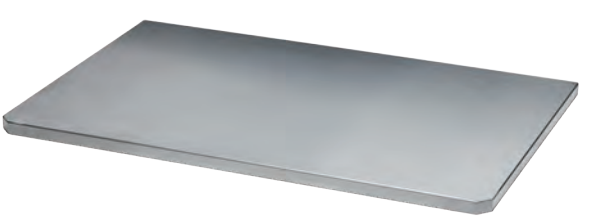
## TOPPLATE - WOOD

- For EASY LIGHT, EASY, X-LARGE and CARGO.

| ITEM NO. | 5704196+ | TYPE | HxWxD MM | G | |
|---|---|---|---|---|---|
| P1000-0000-06 | 047218 | EASY / EASY LIGHT | 20 x 680 x 450 | 2800 | 1 |
| P1000-1000-06 | 047225 | X-LARGE | 20 x 855 x 490 | 4000 | 1 |
| P1000-2000-06 | 047232 | CARGO | 20 x 1055 x 470 | 4500 | 1 |

## TOPPLATE - STAINLESS STEEL

- For EASY LIGHT, EASY, X-LARGE and CARGO.



| ITEM NO. | 5704196+ | TYPE | HxWxD MM | G | |
|---|---|---|---|---|---|
| P1000-0000-06S | 047249 | EASY / EASY LIGHT | 20 x 680 x 450 | 5800 | 1 |
| P1000-1000-06S | 047256 | X-LARGE | 20 x 855 x 490 | 8200 | 1 |
| P1000-2000-06S | 047263 | CARGO | 20 x 1055 x 470 | 9600 | 1 |

## WHEEL WITH BRAKE

- Wheel with brake for roller cabinets.

| ITEM NO. | 5704196+ | TYPE | WHEEL Ø MM | G | |
|---|---|---|---|---|---|
| P1000-0000-08 | 027142 | EASY / X-LARGE | 120 | 1579 | 1 |
| P1000-2000-09 | 037318 | CARGO | 130 | 2800 | 1 |
| P1000-3005-08 | 028033 | MINI | 100 | 800 | 1 |

## WHEEL

- Wheel for roller cabinets.

| ITEM NO. | 5704196+ | TYPE | WHEEL Ø MM | G | |
|---|---|---|---|---|---|
| P1000-0000-09 | 027166 | EASY / X-LARGE | 120 | 1129 | 1 |
| P1000-2000-08 | 037301 | CARGO | 130 | 2600 | 1 |
| P1000-3005-09 | 028040 | MINI | 100 | 600 | 1 |

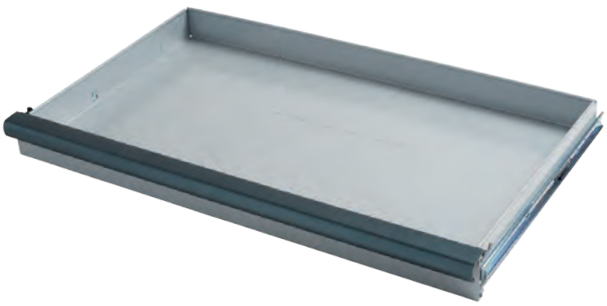
## SET WITH 4 WHEELS

- Set with 4 wheels for EASY and X-LARGE - 2 with brakes.

| ITEM NO. | 5704196+ | WHEEL Ø MM | G | |
|---|---|---|---|---|
| P1000-0000-31 | 030449 | 120 | 6400 | 1 |

## DRAWERS

- For MINI, EASY, X-LARGE and CARGO.



| ITEM NO. | 5704196+ | TYPE | H×W×D MM | G | |
|---|---|---|---|---|---|
| P1000-3005-20 | 019390 | MINI | 65 x 480 x 290 | 1994 | 1 |
| P1000-3005-21 | 019383 | MINI | 145 x 480 x 290 | 2706 | 1 |
| P1000-0000-20 | 019499 | EASY | 65 x 580 x 375 | 3333 | 1 |
| P1000-0000-21 | 019482 | EASY | 145 x 580 x 375 | 4276 | 1 |
| P1000-0000-22 | 019475 | EASY | 300 x 580 x 375 | 6600 | 1 |
| P1000-1000-20 | 019468 | X-LARGE | 70 x 750 x 435 | 5250 | 1 |
| P1000-1000-21 | 019451 | X-LARGE | 145 x 750 x 435 | 6850 | 1 |
| P1000-2000-20 | 019444 | CARGO | 110 x 935 x 400 | 7350 | 1 |
| P1000-2000-21 | 019437 | CARGO | 65 x 570 x 400 | 3932 | 1 |
| P1000-2000-22 | 019420 | CARGO | 145 x 570 x 400 | 5500 | 1 |
| P1000-2000-23 | 019413 | CARGO | 65 x 310 x 400 | 2516 | 1 |
| P1000-2000-24 | 019406 | CARGO | 300 x 310 x 400 | 5600 | 1 |

## MATS FOR ROLLER CABINETS

- For EASY and X-LARGE.

| ITEM NO. | 5704196+ | TYPE | QTY. PCS. | G | |
|---|---|---|---|---|---|
| P1000-0000-10 | 027173 | EASY | 7 | 196 | 1 |
| P1000-1000-10 | 027180 | X-LARGE | 7 | 250 | 1 |
| P1000-1000-11 | 027197 | X-LARGE | 8 | 350 | 1 |

## BALL BEARING SLIDES

- For EASY and X-LARGE drawers.

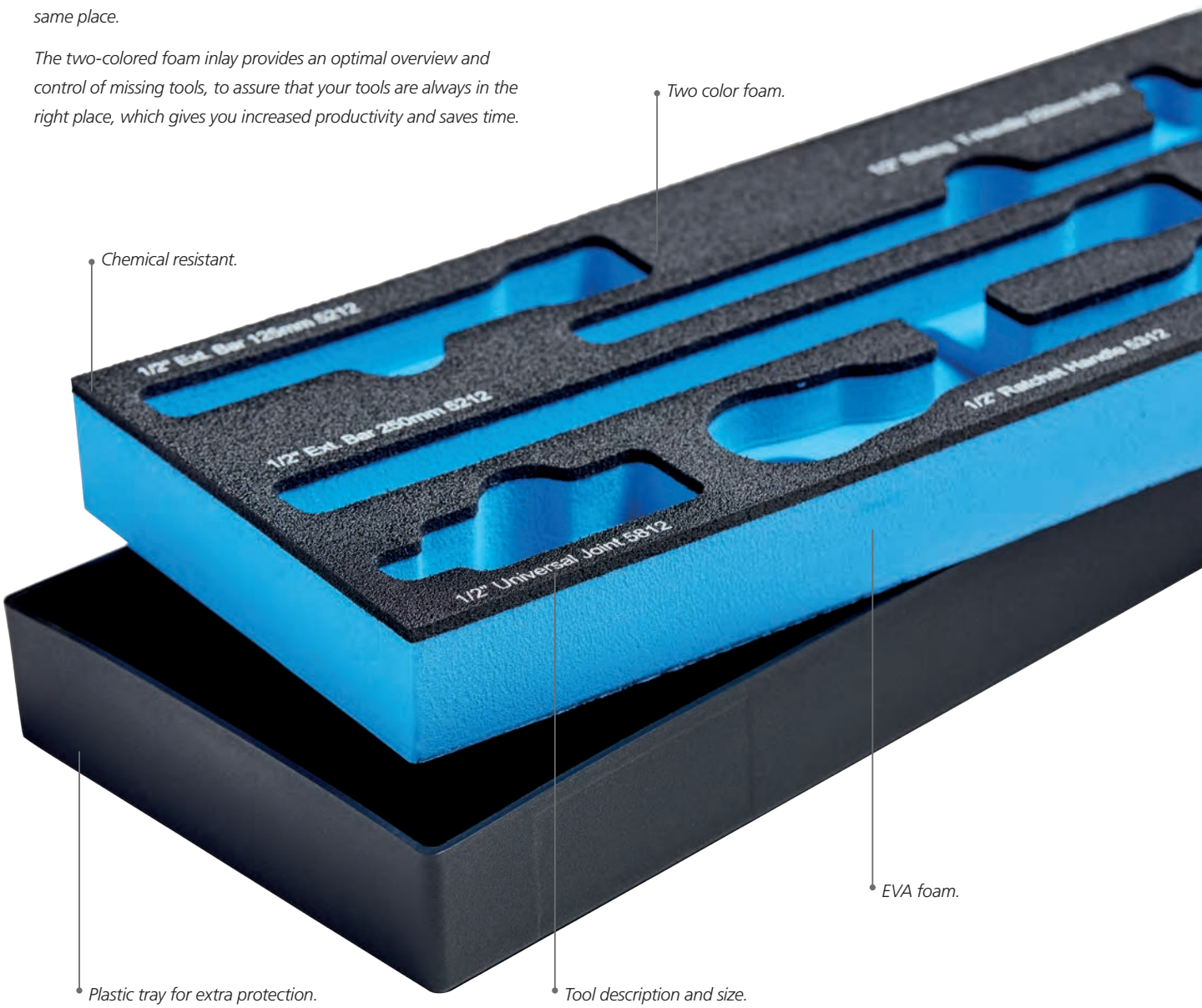
| ITEM NO. | 5704196+ | TYPE | G | |
|---|---|---|---|---|
| P1000-0000-03 | 046853 | EASY LIGHT | 1400 | 1 |
| P1000-0000-03N | 037387 | EASY | 1400 | 1 |
| P1000-1000-03N | 037288 | X-LARGE | 1400 | 1 |

**POLAR**
STORAGE

# TOOL ASSORTMENTS

*POLAR Modular tool tray system ensures your tools to be in the right place. The POLAR inlays are made of durable material and protected by a plastic tray, in order to withstand intense use. All tools are carefully arranged and always securely held in the same place.*

*The two-colored foam inlay provides an optimal overview and control of missing tools, to assure that your tools are always in the right place, which gives you increased productivity and saves time.*




*Two color foam.*

*Chemical resistant.*

*EVA foam.*

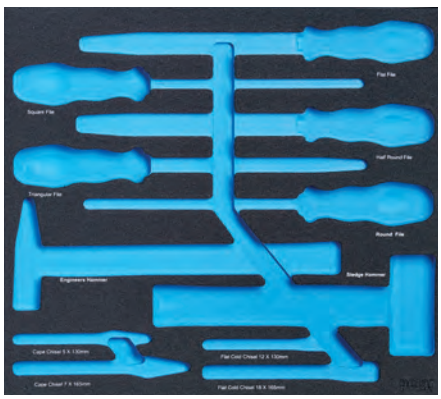
*Plastic tray for extra protection.*

*Tool description and size.*

## MODULAR **TOOL TRAY SYSTEM**

*The POLAR Modular Tool Tray System consists of two different sizes. The 'Triple' type takes up the same space as three 'Single' type trays, as shown in below drawing, giving multiple combinations for our range of trolleys and tool chests.*

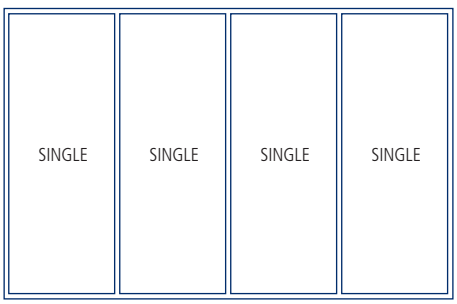
**SINGLE TRAY**
370 X 140 MM

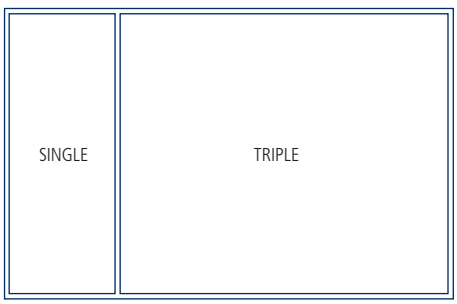


**TRIPLE TRAY**
370 X 415 MM

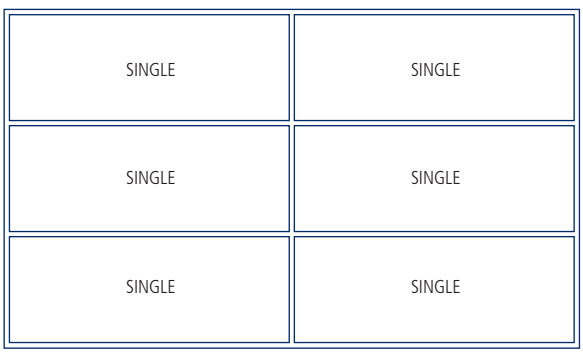
# EXAMPLES

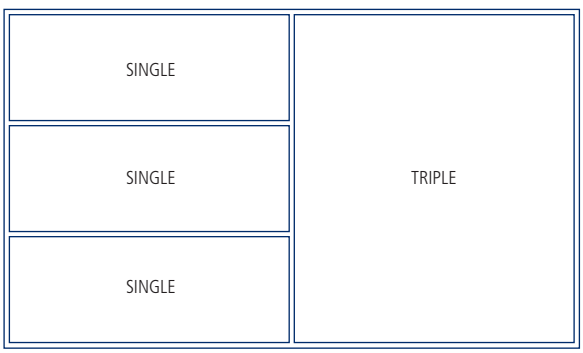
## TOOL TRAYS IN **EASY DRAWERS** AND **DRAWER CHESTS** (3D + 4D)




## TOOL TRAYS IN **X-LARGE DRAWERS**



# POLAR
STORAGE

## 1800 METRIC COMBINATION WRENCH SET

**ITEM NO. 1800-0012**

5704196 014135 **WxDxH** 370 x 140 x 40 MM 1,2 KG 1

- Set with combination wrenches from 8 to 19 mm supplied in plastbox with EVA foam. 12 tools.

12 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Combination wrenches | 2000 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

**ITEM NO. 1800-1012** 1800 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014340 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1801 METRIC COMBINATION WRENCH SET

**ITEM NO. 1801-0005**

5704196 014142 **WxDxH** 370 x 140 x 40 MM 1,3 KG 1

- Set with combination wrenches from 20 to 24 mm supplied in plastbox with EVA foam. 5 tools.

5 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Combination wrenches | 2000 20 - 21 - 22 - 23 - 24 mm |

**ITEM NO. 1801-1005** 1801 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014333 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1802 METRIC COMBINATION WRENCH SET

**ITEM NO. 1802-0026**

5704196 014159 **WxDxH** 415 x 370 x 40 MM 5,9 KG 1

- Set with combination wrenches from 6 to 32 mm supplied in plastbox with EVA foam. 26 tools.

26 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 26 | Combination wrenches | 2000 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm |

**ITEM NO. 1802-1026** 1802 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014326 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1804 **INCH COMBINATION WRENCH SET**

**ITEM NO. 1804-0016**

5704196 014173 **WxDxH** 415 x 370 x 40 MM 3,9 KG 1

- Set with combination wrenches from 1/4" to 1-1/4" supplied in plastbox with EVA foam. 16 tools.

16 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 16 | Combination wrenches | 2000 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1 - 1-1/16 - 1-1/8 - 1-1/4" |

**ITEM NO. 1804-1016** 1804 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014302 **WxDxH** 370 x 415 x 40 MM 0,8 KG

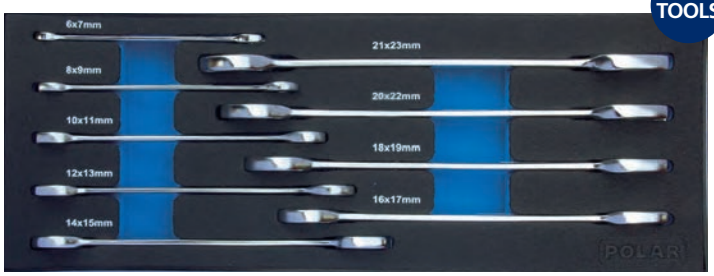
## 1805 A **METRIC DOUBLE OPEN END WRENCH SET**

**ITEM NO. 1805-0009**

5704196 018188 **WxDxH** 370 x 140 x 40 MM 1,2 KG 1

- Set with double open end wrenches from 6 to 23 mm supplied in plastbox with EVA foam. 9 tools.

9 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Double open end wrenches | 2010 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 mm |

**ITEM NO. 1805-1009** 1805 A **EMPTY PLASTBOX WITH EVA FOAM**

5704196 018195 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1805 B **METRIC DOUBLE OPEN END WRENCH SET**

**ITEM NO. 1805-0003**

5704196 018201 **WxDxH** 370 x 140 x 40 MM 1,35 KG 1

- Set with double open end wrenches from 24 to 32 mm supplied in plastbox with EVA foam. 3 tools.

3 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Double open end wrenches | 2010 24x27 - 25x28 - 30x32 mm |

**ITEM NO. 1805-1003** 1805 B **EMPTY PLASTBOX WITH EVA FOAM**

5704196 018218 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR
STORAGE

## 1807 REVERSIBLE GEAR COMBINATION WRENCH SET

**ITEM NO. 1807-0012**

5704196 014104 **WxDxH** 370 x 140 x 40 MM 1,7 KG 1

- Set with reversible gear combination wrenches from 8 to 19 mm supplied in plastbox with EVA foam. 12 tools.

12 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Reversible gear combination wrenches 2005 | 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

**ITEM NO. 1807-1012** 1807 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014357 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1808 SWIVEL GEAR COMBINATION WRENCH SET

**ITEM NO. 1808-0012**

5704196 014111 **WxDxH** 370 x 140 x 40 MM 1,9 KG 1

- Set with swivel gear combination wrenches from 8 to 19 mm supplied in plastbox with EVA foam. 12 tools.

12 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Swivel gear combination wrenches 2405 | 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

**ITEM NO. 1808-1012** 1808 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014364 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1809 METRIC OFFSET COMBINATION WRENCH SET

**ITEM NO. 1809-0018**

5704196 014203 **WxDxH** 415 x 370 x 40 MM 4,2 KG 1

- Set with offset combination wrenches from 8 to 32 mm supplied in plastbox with EVA foam. 18 tools.

18 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | Offset combination wrenches 2100 | 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 21 - 22 - 24 - 27 - 30 - 32 mm |

**ITEM NO. 1809-1018** 1809 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014272 **WxDxH** 415 x 370 x 40 MM 0,8 KG

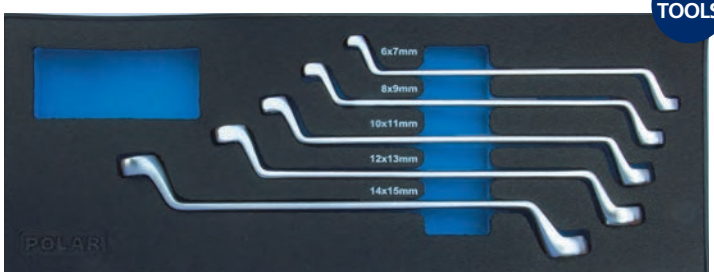
## 1810 A **METRIC DOUBLE END OFFSET RING WRENCH SET**

**ITEM NO. 1810-0005**

5704196 018430 **WxDxH** 370 x 140 x 40 MM 0,7 KG 1

- Set with double end offset ring wrenches from 6 to 15 mm supplied in plastbox with EVA foam. 5 tools.

5 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Double end offset ring wrenches | 2110 6x7 - 8x9 - 10x11 - 12x13 - 14x15 mm |

**ITEM NO. 1810-1005** 1810 A **EMPTY PLASTBOX WITH EVA FOAM**

5704196 018447 **WxDxH** 370 x 140 x 40 MM 0,3 KG

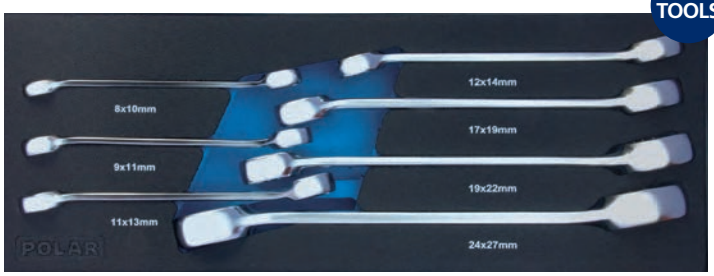
## 1811 **METRIC FLARE NUT WRENCH SET**

**ITEM NO. 1811-0007**

5704196 017228 **WxDxH** 370 x 140 x 40 MM 1,3 KG 1

- Set with flare nut wrenches from 8 to 27 mm supplied in plastbox with EVA foam. 7 tools.

7 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Flare nut wrenches | 2200 8x10 - 9x11 - 11x13 - 12x14 - 17x19 - 19x22 - 24x27 mm |

**ITEM NO. 1811-1007** 1811 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 017235 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1810 B **METRIC DOUBLE END OFFSET RING WRENCH SET**

**ITEM NO. 1810-0003**

5704196 018454 **WxDxH** 370 x 140 x 40 MM 1,0 KG 1

- Set with double end offset ring wrenches from 16 to 22 mm supplied in plastbox with EVA foam. 3 tools.

3 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Double end offset ring wrenches | 2110 16x17 - 18x19 - 20x22 mm |

**ITEM NO. 1810-1003** 1810 B **EMPTY PLASTBOX WITH EVA FOAM**

5704196 018461 **WxDxH** 370 x 140 x 40 MM 0,3 KG

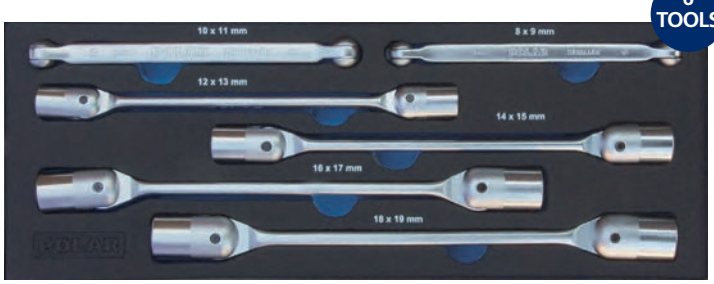
## 1812 **METRIC DOUBLE SWIVEL END SOCKET WRENCH SET**

**ITEM NO. 1812-0006**

5704196 014234 **WxDxH** 370 x 140 x 40 MM 1,6 KG 1

- Set with double swivel end socket wrenches from 8 to 19 mm supplied in plastbox with EVA foam. 6 tools.

6 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Double swivel end socket wrenches | 2400 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm |

**ITEM NO. 1812-1006** 1812 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 026794 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR
STORAGE

## 1813 **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 1813-0017** (6)

5704196 014371 **WxDxH** 370 x 140 x 40 MM 0,8 KG 1

- Set with 6-point sockets from 4 to 14 mm and accessories supplied in plastbox with EVA foam. The set is supplied with a reversible 60 teeth ratchet. 17 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 1 | Ratchet, 60 teeth | 5314 E 1/4" |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |

## 1813 B **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 1813-1217** (12)

5704196 047577 **WxDxH** 370 x 140 x 40 MM 0,8 KG 1

- Set with 12-point sockets from 4 to 14 mm and accessories supplied in plastbox with EVA foam. The set is supplied with a reversible 60 teeth ratchet. 17 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 12-point sockets | 5014 1/4" 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 1 | Ratchet, 60 teeth | 5314 E 1/4" |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |

**ITEM NO. 1813-1017** 1813 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014388 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1814 **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 1814-0063** (6)

5704196 014418 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with short 6-point sockets from 4 to 14 mm and long 6-point sockets from 4 to 13 mm, bits and accessories, supplied in plastbox with EVA foam. The set is supplied with a reversible 60-teeth ratchet. 63 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 4 | Sockets for Torx® screws | 5014 1/4" NTX 4 - 5 - 6 - 7 |
| 1 | Ratchet, 60 teeth | 5314 E 1/4" |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Bits set, 32 tools | 4590 A 1/4" |

## 1814 B **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 1814-1263** (12)

5704196 047584 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with short 12-point sockets from 4 to 14 mm and long 12-point sockets from 4 to 13 mm, bits and accessories, supplied in plastbox with EVA foam. The set is supplied with a reversible 60-teeth ratchet. 63 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 12-point sockets | 5014 1/4" 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 10 | Long 12-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 4 | Sockets for Torx® screws | 5014 1/4" NTX 4 - 5 - 6 - 7 |
| 1 | Ratchet, 60 teeth | 5314 E 1/4" |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 1 | Bits set, 32 tools | 4590 A 1/4" |

**ITEM NO. 1814-1063** 1814 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014425 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1815 **1/4" SOCKET WRENCH SET**

**ITEM NO. 1815-0038** (6)

5704196 014395 **WxDxH** 370 x 140 x 40 MM 0,9 KG 1

- Set with long 6-point sockets from 4 to 13 mm, NTX sockets for Torx® screws and socket drivers, supplied in plastbox with EVA foam. 38 tools.

38 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 6-point sockets | 5014 1/4" 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 6 | Sockets for Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 - E8 - E10 |
| 3 | Socket drivers for slotted head screws | 5114 1/4" 4 - 5.5 - 7 mm |
| 3 | Socket drivers for Phillips® screws | 5114 1/4" PH 1 - 2 - 3 |
| 3 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ 1 - 2 - 3 |
| 6 | Socket drivers for hex head screws | 5114 1/4" H 3 - 4 - 5 - 6 - 7 - 8 mm |
| 7 | Socket drivers for Tamper Resistant® Torx® screws | 5114 1/4" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 |

## 1815 B **1/4" SOCKET WRENCH SET**

**ITEM NO. 1815-1238** (12)

5704196 047591 **WxDxH** 370 x 140 x 40 MM 0,9 KG 1

- Set with long 12-point sockets from 4 to 13 mm, NTX sockets for Torx® screws and socket drivers, supplied in plastbox with EVA foam. 38 tools.

38 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 12-point sockets | 5014 1/4" 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 6 | Sockets for Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 - E8 - E10 |
| 3 | Socket drivers for slotted head screws | 5114 1/4" 4 - 5.5 - 7 mm |
| 3 | Socket drivers for Phillips® screws | 5114 1/4" PH 1 - 2 - 3 |
| 3 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ 1 - 2 - 3 |
| 6 | Socket drivers for hex head screws | 5114 1/4" H 3 - 4 - 5 - 6 - 7 - 8 mm |
| 7 | Socket drivers for Tamper Resistant® Torx® screws | 5114 1/4" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 |

**ITEM NO. 1815-1038** 1815 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014401 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1816 **1/4" AND 3/8" INCH SOCKET WRENCH SET**

**ITEM NO. 1816-0027** (6)

5704196 014456 **WxDxH** 370 x 140 x 40 MM 1,0 KG 1

- Set with 6-point sockets from 5/32" to 7/8" and adaptors supplied in plastbox with EVA foam. 27 tools.

27 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 5/32 - 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 13/32 - 7/16 - 1/2" |
| 12 | 6-point sockets | 5038 3/8" 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8" |
| 1 | Adaptor | 5614 1/4" A |
| 1 | Adaptor | 5638 3/8" A |
| 1 | Adaptor | 5738 3/8" A |
| 1 | Adaptor | 5712 1/2" A |

## 1816 B **1/4" AND 3/8" INCH SOCKET WRENCH SET**

**ITEM NO. 1816-1227** (12)

5704196 047607 **WxDxH** 370 x 140 x 40 MM 1,0 KG 1

- Set with 12-point sockets from 5/32" to 7/8" and adaptors supplied in plastbox with EVA foam. 27 tools.

27 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 12-point sockets | 5014 1/4" 5/32 - 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 13/32 - 7/16 - 1/2" |
| 12 | 12-point sockets | 5038 3/8" 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8" |
| 1 | Adaptor | 5614 1/4" A |
| 1 | Adaptor | 5638 3/8" A |
| 1 | Adaptor | 5738 3/8" A |
| 1 | Adaptor | 5712 1/2" A |

**ITEM NO. 1816-1027** 1816 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014463 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR STORAGE

## 1817 **3/8" METRIC SOCKET WRENCH SET**

**ITEM NO. 1817-0022** (6)

5704196 014432 **WxDxH** 370 x 140 x 40 MM 1,5 KG 1

- Set with 6-point sockets from 6 to 22 mm and accessories supplied in plastbox with EVA foam. The set is supplied with a reversible 60 teeth ratchet. 22 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm |
| 1 | Ratchet, 60 teeth | 5338 E 3/8" |
| 2 | Extensions | 5238 3/8" EX 75 - 150 mm |
| 1 | Sliding T-handle | 5438 3/8" TH |
| 1 | Universal joint | 5838 3/8" U |

## 1817 B **3/8" METRIC SOCKET WRENCH SET**

**ITEM NO. 1817-1222** (12)

5704196 047614 **WxDxH** 370 x 140 x 40 MM 1,5 KG 1

- Set with 12-point sockets from 6 to 22 mm and accessories supplied in plastbox with EVA foam. The set is supplied with a reversible 60 teeth ratchet. 22 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 12-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm |
| 1 | Ratchet, 60 teeth | 5338 E 3/8" |
| 2 | Extensions | 5238 3/8" EX 75 - 150 mm |
| 1 | Sliding T-handle | 5438 3/8" TH |
| 1 | Universal joint | 5838 3/8" U |

**ITEM NO. 1817-1022** 1817 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014449 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1818 **3/8" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 1818-0014** (6)

5704196 014470 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with long 6-point sockets from 8 to 22 mm supplied in plastbox with EVA foam. 14 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | Long 6-point sockets | 5038 3/8" L 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm |

## 1818 B **3/8" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 1818-1214** (12)

5704196 047621 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with long 12-point sockets from 8 to 22 mm supplied in plastbox with EVA foam. 14 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | Long 12-point sockets | 5038 3/8" L 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm |

**ITEM NO. 1818-1014** 1818 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014487 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1819 **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 1819-0018** 6

5704196 014494 **WxDxH** 370 x 140 x 40 MM 1,8 KG 1

- Set with 6-point sockets from 10 to 32 mm supplied in plastbox with EVA foam. 18 tools

18 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 -30 - 32 mm |

**ITEM NO. 1819-1018** 1819 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014500 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1820 B **1/2" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 1820-1214** 12

5704196 047638 **WxDxH** 370 x 140 x 40 MM 2,1 KG 1

- Set with long 12-point sockets from 10 to 24 mm supplied in plastbox with EVA foam. 14 tools.

14 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | Long 12-point sockets | 5012 1/2" BL 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm |

**ITEM NO. 1820-1014** 1820 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014562 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1820 **1/2" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 1820-0014** 6

5704196 014555 **WxDxH** 370 x 140 x 40 MM 2,1 KG 1

- Set with long 6-point sockets from 10 to 24 mm supplied in plastbox with EVA foam. 14 tools.

14 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm |

## 1821 **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 1821-0018** 12

5704196 014531 **WxDxH** 370 x 140 x 40 MM 1,8 KG 1

- Set with 12-point sockets from 10 to 32 mm supplied in plastbox with EVA foam. 18 tools

18 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 12-point sockets | 5012 1/2" B 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm |

**ITEM NO. 1821-1018** 1821 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014548 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR
STORAGE

## 1822 **1/2" INCH SOCKET WRENCH SET**

**ITEM NO. 1822-0017** (6)

5704196 014517 **WxDxH** 370 x 140 x 40 MM 1,8 KG 1

- Set with 6-point sockets from 3/8" to 1-1/4" supplied in plastbox with EVA foam. 17 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5012 1/2" 3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 25/32 - 13/16 - 7/8 - 15/16 - 1 - 1-1/16 - 1-1/8 - 1-3/16 - 1-1/4" |

## 1822 B **1/2" INCH SOCKET WRENCH SET**

**ITEM NO. 1822-1217** (12)

5704196 047645 **WxDxH** 370 x 140 x 40 MM 1,8 KG 1

- Set with 12-point sockets from 3/8" to 1-1/4" supplied in plastbox with EVA foam. 17 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 12-point sockets | 5012 1/2" 3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 25/32 - 13/16 - 7/8 - 15/16 - 1 - 1-1/16 - 1-1/8 - 1-3/16 - 1-1/4" |

**ITEM NO. 1822-1017** 1822 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014524 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1823 **1/2" TORX® SOCKET WRENCH SET**

**ITEM NO. 1823-0016**

5704196 014579 **WxDxH** 370 x 140 x 40 MM 1,5 KG 1

- Set with Torx® socket drivers from T20 to T60 and NTX sockets from E12 to E24 supplied in plastbox with EVA foam. 16 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers for Torx® screws | 5112 1/2" TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |
| 7 | Sockets for Torx® screws | 5012 1/2" NTX E12 - E14 - E16 - E18 - E20 - E22 - E24 |

**ITEM NO. 1823-1016** 1823 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014586 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1824 **1/2" SOCKET DRIVER SET**

**ITEM NO. 1824-0016**

5704196 014593 **WxDxH** 370 x 140 x 40 MM 1,9 KG 1

- Set with socket drivers for slotted head, Phillips®, Pozidriv® and hex head screws supplied in plastbox with EVA foam. 16 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Socket drivers for slotted head screws | 5112 1/2" 8 - 10 - 12 mm |
| 2 | Socket drivers for Phillips® screws | 5112 1/2" PH 3 - 4 |
| 2 | Socket drivers for Pozidriv® screws | 5112 1/2" PZ 3 - 4 |
| 9 | Socket drivers for hex head screws | 5112 1/2" H 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm |

**ITEM NO. 1824-1016** 1824 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014609 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1825 **1/2" HEX HEAD SOCKET DRIVER SET**

**ITEM NO. 1825-0009**

5704196 014616 **WxDxH** 370 x 140 x 40 MM 1,9 KG 1

- Set with long socket drivers for hex head screws from 5 to 19 mm supplied in plastbox with EVA foam. 9 tools.

9 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long socket drivers for hex head screws | 5112 1/2" HL 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm |

**ITEM NO. 1825-1009** 1825 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014623 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1826 **1/2" SOCKET DRIVER SET FOR TORX® SCREWS**

**ITEM NO. 1826-0009**

5704196 014630 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with long socket drivers for Torx® screws from T20 to T60 supplied in plastbox with EVA foam. 9 tools.

9 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long socket drivers for Torx® screws | 5112 1/2" TXL - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |

**ITEM NO. 1826-1009** 1826 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014647 **WxDxH** 370 x 140 x 40 MM 0,3 KG

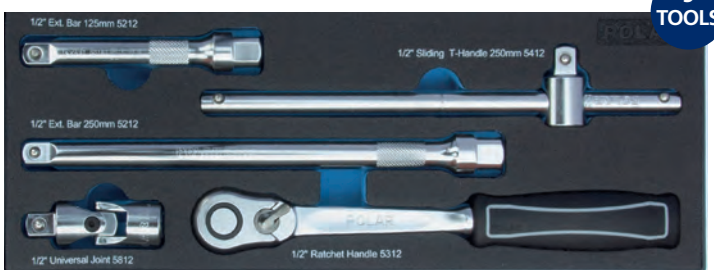
## 1827 **1/2" RATCHET AND ACCESSORIES**

**ITEM NO. 1827-0005**

5704196 014654 **WxDxH** 370 x 140 x 40 MM 1,8 KG 1

- Set with reversible 60-teeth ratchet and accessories supplied in plastbox with EVA foam. 5 tools.

5 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Ratchet, 60-teeth | 5312 E 1/2" |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |

**ITEM NO. 1827-1005** 1827 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014661 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1828 **1/4" - 3/8" - 1/2" RATCHET AND ACCESSORIES**

**ITEM NO. 1828-0006**

5704196 014678 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with 3 reversible ratchets and accessories supplied in plastbox with EVA foam. 6 tools.

6 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Ratchet, 60-teeth | 5314 E 1/4" |
| 1 | Ratchet, 60-teeth | 5338 E 3/8" |
| 1 | Ratchet, 60-teeth | 5312 E 1/2" |
| 1 | Extension | 5214 1/4" EX 100 mm |
| 1 | Wobble extension | 5238 3/8" EXW 150 mm |
| 1 | Wobble extension | 5212 1/2" EXW 150 mm |

**ITEM NO. 1828-1006** 1828 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014685 **WxDxH** 370 x 140 x 40 MM 0,3 KG

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## 1829 B **SCREWDRIVER SET FOR SLOTTED HEAD SCREWS**

**ITEM NO. 1829-0006**

5704196 019536 **WxDxH** 370 x 140 x 40 MM 0,7 KG 1

- Set with screwdrivers for slotted head screws supplied in plastbox with EVA foam. 6 tools.

6 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Screwdrivers for slotted screws | 4000 3x75 - 4x100 - 5.5x125 - 6.5x150 - 8x175 mm |
| 1 | Stubby Screwdrivers for slotted screws | 4003 5.5x25 mm |

**ITEM NO. 1829-1006** 1829 B **EMPTY PLASTBOX WITH EVA FOAM**

5704196 019543 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1829 A **SCREWDRIVER SET**

**ITEM NO. 1829-0012**

5704196 013961 **WxDxH** 415 x 370 x 40 MM 2,2 KG 1

- Set with screwdrivers for slotted head, Torx® and hex head screws supplied in plastbox with EVA foam. 12 tools.

12 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Screwdrivers for slotted screws | 4000 3x75 - 4x100 - 5.5x125 - 6.5x150 - 8x175 - 10x200 mm |
| 1 | Stubby screwdriver for slotted screws | 4003 5.5x25 mm |
| 2 | Screwdrivers for Torx® screws | 4031 TX T30 - T40 |
| 2 | Flexible hexagonal nut drivers | 4042 F 6 - 7 mm |
| 1 | Flexible hexagonal nut driver | 4042 F 1/4" |

**ITEM NO. 1829-1012** 1829 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014722 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1830 B **SCREWDRIVER SET FOR POZIDRIV® SCREWS**

**ITEM NO. 1830-0005**

5704196 019550 **WxDxH** 370 x 140 x 40 MM 0,63 KG 1

- Set with screwdrivers for Pozidriv® screws supplied in plastbox with EVA foam. 5 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Screwdrivers for Pozidriv® screws | 4020 PZ 1 - 2 - 3 |
| 2 | Stubby screwdrivers for Pozidriv® screws | 4023 PZ 1 - 2 |

**ITEM NO. 1830-1005** 1830 B **EMPTY PLASTBOX WITH EVA FOAM**

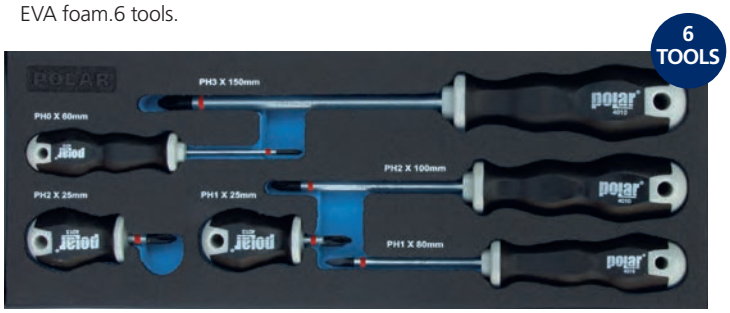
5704196 019567 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1830 C **SCREWDRIVER SET FOR PHILLIPS® SCREWS**

**ITEM NO. 1830-0106**

5704196 019574 **WxDxH** 370 x 140 x 40 MM 0,65 KG 1

- Set with screwdrivers for Phillips® screws supplied in plastbox with EVA foam.6 tools.




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | Screwdrivers for Phillips® screws | 4010 PH 0 - 1 - 2 - 3 |
| 2 | Stubby screwdrivers for Phillips® screws | 4013 PH 1 - 2 |

**ITEM NO. 1830-1106** 1830 C **EMPTY PLASTBOX WITH EVA FOAM**

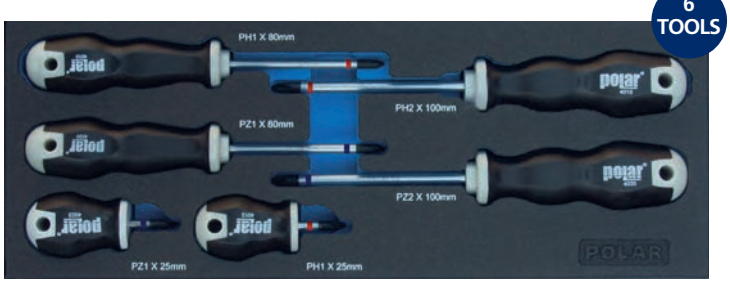
5704196 019581 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1830 A **SCREWDRIVER SET**

**ITEM NO. 1830-0006**

5704196 013978 **WxDxH** 370 x 140 x 40 MM 0,7 KG 1

- Set with screwdrivers for Phillips® and Pozidriv® screws supplied in plastbox with EVA foam. 6 tools.




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 2 | Screwdrivers for Phillips® screws | 4010 PH 1 - 2 |
| 1 | Stubby screwdriver for Phillips® screws | 4013 PH 1 |
| 2 | Screwdrivers for Pozidriv® screws | 4020 PZ 1 - 2 |
| 1 | Stubby screwdriver for Pozidriv® screws | 4023 PZ 1 |

**ITEM NO. 1830-1006** 1830 **EMPTY PLASTBOX WITH EVA FOAM**

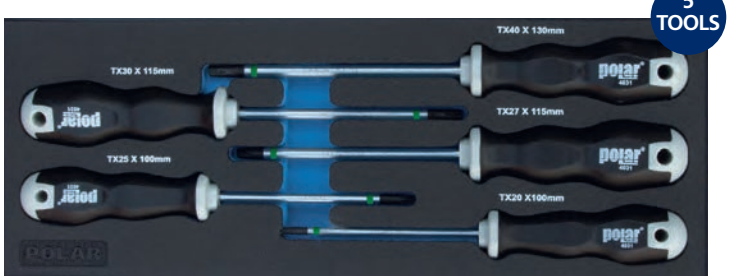
5704196 014739 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1831 A **SCREWDRIVER SET FOR TORX® SCREWS**

**ITEM NO. 1831-0005**

5704196 019598 **WxDxH** 370 x 140 x 40 MM 0,67 KG 1

- Set with screwdrivers for Torx® screws supplied in plastbox with EVA foam. 5 tools.




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Screwdrivers for Torx® screws | 4031 TX T20 - T25 - T27 - T30 - T40 |

**ITEM NO. 1831-1005** 1831 A **EMPTY PLASTBOX WITH EVA FOAM**

5704196 019604 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR
STORAGE

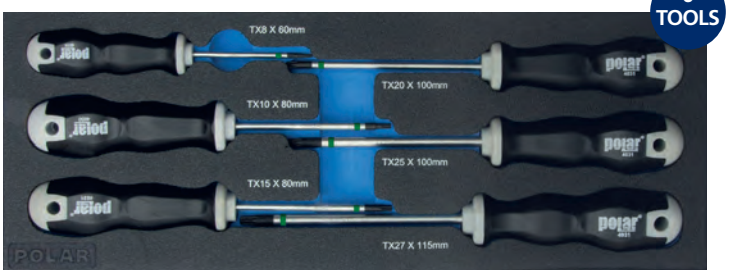
## 1831 B **TORX® SCREWDRIVER SET**

**ITEM NO. 1831-0006**

5704196 013954 **WxDxH** 370 x 140 x 40 MM 0,7 KG 1

- Set with screwdrivers for Torx® screws supplied in plastbox with EVA foam. 6 tools.

6 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Screwdrivers for Torx® screws | 4031 TX T8 - T10 - T15 - T20 - T25 - T27 |

**ITEM NO. 1831-1006** 1831 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014715 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1832 **3/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 1832-0014**

5704196 017143 **WxDxH** 415 x 370 x 40 MM 10 KG 1

- Set with 6-point sockets from 22 to 50 mm and accessories supplied in plastbox with EVA foam. The set is supplied with a reversible 48 teeth ratchet. 14 tools.

14 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | 6-point sockets | 5034 3/4" 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50 mm |
| 1 | Ratchet, 48 teeth | 5334 3/4" |
| 2 | Extensions | 5234 3/4" EX 100 - 200 mm |
| 1 | Sliding T-handle | 5434 3/4" TH |

**ITEM NO. 1832-1014** 1832 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 017150 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1833 **METRIC AND INCH HEXAGON KEY SET**

**ITEM NO. 1833-0038**

5704196 013930 **WxDxH** 370 x 140 x 40 MM 1,1 KG 1

- Set with long and short hexagon keys with spherical head in plastbox with EVA foam. 38 tools

38 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Hexagon key set | 4195 FS 8 (1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 mm) |
| 1 | Hexagon key set | 4195 FIS 9 (5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4") |
| 1 | Long angled hexagon key set | 4195 LS 9 (1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 -10 mm) |
| 1 | Long angled hexagon key set | 4195 LIS 13 (0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8") |

**ITEM NO. 1833-1038** 1833 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014692 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1835 **PLIER SET**

**ITEM NO. 1835-0004**

5704196 013992 **WxDxH** 370 x 140 x 40 MM 1,3 KG 1

- Set with pliers supplied in plastbox with EVA foam. 4 tools.

4 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Combination plier | 3001 180 mm |
| 1 | Diagonal cutting plier | 3004 180 mm |
| 1 | Long nose plier with half-round jaws | 3005 200 mm |
| 1 | Long nose plier with half-round bent jaws | 3006 200 mm |

**ITEM NO. 1835-1004** 1835 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014753 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1834 **METRIC HEXAGON KEY SET AND TORX® KEY SET**

**ITEM NO. 1834-0034**

5704196 013947 **WxDxH** 370 x 140 x 40 MM 1,1 KG 1

- Set with long and short metric hexagon keys with spherical head and long and short Torx® hexagon keys in plastbox with EVA foam. 34 tools.

34 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Hexagon key set | 4195 FS/8 (1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 mm) |
| 1 | Torx® key set | 4190 FTXS/8 (T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40) |
| 1 | Long angled hexagon key set | 4195 LS/9 (1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 -10 mm) |
| 1 | Long angled Torx® key set | 4190 LTXS/9 (T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40) |

**ITEM NO. 1834-1034** 1834 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014708 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1836 **PLIER SET**

**ITEM NO. 1836-0002**

5704196 014005 **WxDxH** 370 x 140 x 40 MM 1,2 KG 1

- Set with pliers supplied in plastbox with EVA foam. 2 tools.

2 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Waterpump plier | 3020 250 mm |
| 1 | Locking plier with curved jaws and cutter | 3200 250 mm |

**ITEM NO. 1836-1002** 1836 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014760 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR
STORAGE

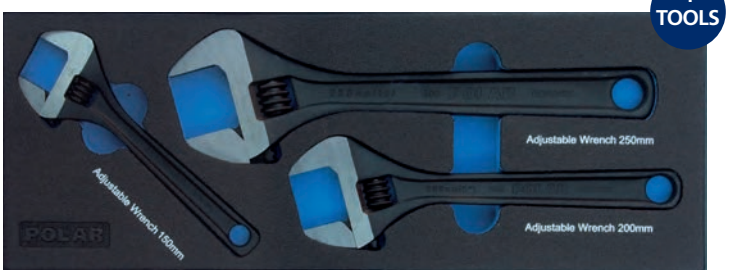
## 1837 **ADJUSTABLE WRENCH SET**

**ITEM NO. 1837-0003**

5704196 014067 **WxDxH** 370 x 140 x 40 MM 1,2 KG 1

- Set with adjustable wrenches supplied in plastbox with EVA foam. 3 tools.

4 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Adjustable wrenches | 2600 150 - 200 - 250 mm / 6" - 8" - 10" |

**ITEM NO. 1837-1003** 1837 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014821 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1839 **HAMMERS, CHISELS AND FILES SET**

**ITEM NO. 1839-0011**

5704196 014036 **WxDxH** 415 x 370 x 40 MM 3,7 KG 1

- Set with mechanics hammer, sledge hammer, chisels and files (second cut) supplied in plastbox with EVA foam. 11 tools.

11 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | File set (second cut) | 3990 S/5 (flat - halfround - square - round - triangular) |
| 1 | Mechanics hammer | 8030 300 g |
| 1 | Sledge hammer | 8040 1000 g |
| 2 | Cape chisels | 8215 5 - 7 mm |
| 2 | Flat chisels | 8220 12 - 18 mm |

**ITEM NO. 1839-1011** 1839 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014791 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1840 **IMPACT TOOL SET**

**ITEM NO. 1840-0009**

5704196 014012 **WxDxH** 370 x 140 x 40 MM 0,9 KG 1

- Set with pin punches, taper punches and center punch supplied in plastbox with EVA foam. 9 tools.

9 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Pin punches | 8200 2 - 3 - 4 - 5 - 6 - 8 mm |
| 2 | Taper punches | 8205 3 - 4 mm |
| 1 | Center punch | 8210 Size 4 |

**ITEM NO. 1840-1009** 1840 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014777 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1842 A **1/2" IMPACT SOCKET SET**

**ITEM NO. 1842-0016**

5704196 014098 **WxDxH** 370 x 140 x 40 MM 2,5 KG 1

- Set with short and long impact sockets supplied in plastbox with EVA foam. 16 tools.

16 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point impact sockets | 6012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 22 - 24 - 27 mm |
| 4 | Long 6-point impact sockets | 6012 1/2" LT 17 - 19 - 21 - 22 mm |

**ITEM NO. 1842-1016** 1842 A **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014852 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1841 **PLIER SET FOR CIRCLIPS**

**ITEM NO. 1841-0004**

5704196 014128 **WxDxH** 370 x 140 x 40 MM 0,8 KG 1

- Set with pliers for internal and external circlips supplied in plastbox with EVA foam. 4 tools.

4 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Plier with straight jaws for internal circlips | 3100 180 mm - Ø19 - 60 mm |
| 1 | Plier with nose bent 90° for internal circlips | 3105 180 mm - Ø19 - 60 mm |
| 1 | Plier with straight jaws for external circlips | 3110 180 mm - Ø19 - 60 mm |
| 1 | Plier with nose bent 90° for external circlips | 3115 180 mm - Ø19 - 60 mm |

**ITEM NO. 1841-1004** 1841 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014869 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1842 B **1/2" IMPACT SOCKET SET**

**ITEM NO. 1842-0004**

5704196 037295 **WxDxH** 370 x 140 x 40 MM 1,3 KG 1

- Set with short impact sockets supplied in plastbox with EVA foam. 4 tools.

4 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | 6-point impact sockets | 6012 1/2" 30 - 32 - 33 - 36 mm |

**ITEM NO. 1842-1004** 1842 B **EMPTY PLASTBOX WITH EVA FOAM**

5704196 034294 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR STORAGE

## 1843 **BITS SET**

**ITEM NO. 1843-0109**

5704196 014081 **WxDxH** 370 x 140 x 40 MM 1 KG 1

- Set with 1/4" bits (103 pcs.), magnetic bit holding screwdriver and accessories supplied in plastbox with re-forced EVA foam. 109 tools.

**109 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Magnetic bit holding screwdriver | 4043 1/4" M |
| 1 | Magnetic bit holder | 4714 1/4" M |
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Flexible extension w/ Quick-Release screwdriver bit socket | 4714 1/4" QRF |
| 1 | Socket adaptor | 4714 1/4" SQ 25 mm |
| 1 | Socket adaptor | 4714 1/4" SQ 50 mm |
| 6 | Bits for slotted head screws | 4514 1/4" 3 - 3.5 - 4.5 - 5 - 5.5 - 6.5 mm |
| 5 | Bits for Phillips® screws | 4514 1/4" PH 0 - 1 - 2 - 3 - 4 |
| 3 | Bits for Phillips® screws | 4514 1/4" ACR PH 1 - 2 - 3 |
| 1 | Bits for Phillips® drywall screws | 4514 1/4" PHR 2 |
| 5 | Bits for Pozidriv® screws | 4514 1/4" PZ 0 - 1 - 2 - 3 - 4 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" ACR PZ 1 - 2 - 3 |
| 15 | Bits for Torx® screws | 4514 1/4" TX 5 - 6 - 7 - 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30 - 40 - 45 - 50 |
| 11 | Bits for Tamper Resistant® Torx® head screws | 4514 1/4" STX 6 - 7 - 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30 - 40 |
| 10 | Bits for hex head screws | 4514 1/4" H 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 mm |
| 10 | Bits for hex head bore hole screws | 4514 1/4" HB 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 mm |
| 6 | Bits for hex head bore hole screws | 4514 1/4" HB 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32" |
| 5 | Bits for square head screws | 4514 1/4" SQ 0 - 1 - 2 - 3 - 4 |
| 5 | Bits for Spanner screws | 4514 1/4" SN 4 - 6 - 8 - 10 - 12 |
| 5 | Bits for Torq-Set® screws | 4514 1/4" TS 4 - 6 - 8 - 10 - 1/4" |
| 4 | Bits for XZN® screws | 4514 1/4" XZN 4 - 5 - 6 - 8 |
| 5 | Bits for Tri-Wing® screws | 4514 1/4" TW 1 - 2 - 3 - 4 - 5 |
| 3 | Bits for Clutch G screws | 4514 1/4" CG 1 - 2 - 3 |
| 1 | Bits for hooks | 4514 1/4" HOOK |

**ITEM NO. 1843-1109** 1843 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014845 **WxDxH** 370 x 140 x 40 MM 0,3 KG

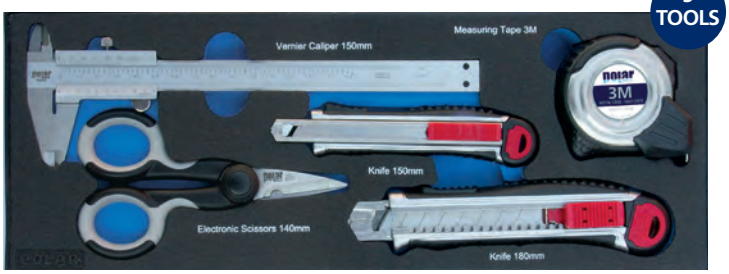
## 1844 **MEASURING AND CUTTING TOOLSET**

**ITEM NO. 1844-0005**

5704196 014050 **WxDxH** 370 x 140 x 40 MM 0,9 KG 1

- Set with vernier caliper, electrians scissor, measuring tape and knives supplied in plastbox with EVA foam. 5 tools.

**5 TOOLS**




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Vernier caliper | 9200 150 mm |
| 1 | Measuring tape | 9400 3 mtr |
| 1 | Electrician scissor | 3500 140 mm |
| 2 | Knives | 9101 9 mm, 9105 18 mm |

**ITEM NO. 1844-1005** 1844 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014814 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1845 **MEASURING AND CUTTING TOOLSET**

**ITEM NO. 1845-0003**

5704196 014029 **WxDxH** 370 x 140 x 40 MM 0,8 KG 1

- Set with junior hacksaw, measuring tape and knife supplied in plastbox with EVA foam. 3 tools.

**3 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Junior hacksaw | 9210 150 mm |
| 1 | Knife | 9105 18 mm |
| 1 | Measuring tape | 9400 3 mtr |

**ITEM NO. 1845-1003** 1845 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 014784 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1846 IMPACT ACCESSORIES

**ITEM NO. 1846-0005**

5704196 016030 **WxDxH** 370 x 140 x 40 MM 1,4 KG 1

- Set with extensions, adapters and universal joint supplied in plastbox with EVA foam. 5 tools.

5 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 2 | Extensions | 6212 1/2" EX 75 - 125 mm |
| 2 | Adapters | 6734 3/4" A - 6638 3/8" A |
| 1 | Universal Joint | 6812 1/2" U |

**ITEM NO. 1846-1005** 1846 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 015378 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1847 IMPACT DRIVER BIT SET

**ITEM NO. 1847-0015**

5704196 015361 **WxDxH** 370 x 140 x 40 MM 1,1 KG 1

- Set with 1/2" impact driver and 5/16" bits supplied in plastbox with EVA foam. 15 tools.

15 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Impact driver | 4712 ID 1/2" |
| 1 | Screwdriver bit socket | 4712 IB 1/2" x 5/16" |
| 3 | Bits for slotted head screws | 4516 5/16" 8 - 10 - 12 mm |
| 3 | Bits for Phillips® screws | 4516 5/16" ACR PH 2 - 3 - 4 |
| 4 | Bits for Torx® screws | 4516 5/16" TX T40 - T45 - T50 - T55 |
| 3 | Bits for hex head screws | 4516 5/16" H 5 - 6 - 8 mm |

**ITEM NO. 1847-1015** 1847 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 015378 **WxDxH** 370 x 140 x 40 MM 0,3 KG

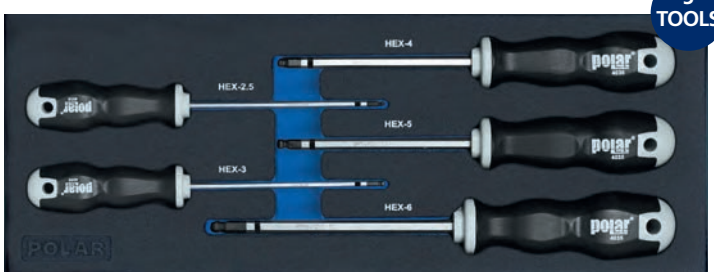
## 1848 SCREWDRIVER SET WITH BALL POINT FOR HEX HEAD SCREWS

**ITEM NO. 1848-0005**

5704196 019611 **WxDxH** 370 x 140 x 40 MM 0,54 KG 1

- Set with screwdrivers with ball point for hex head screws supplied in plastbox with EVA foam. 5 tools.

5 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Screwdrivers with ball point for hex head screws | 4035 HBP 2.5 - 3 - 4 - 5 - 6 mm |

**ITEM NO. 1848-1005** 1848 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 019628 **WxDxH** 370 x 140 x 40 MM 0,3 KG

## 1849 SCREWDRIVER SET FOR TORX® SCREWS, HEXAGONAL NUT DRIVERS AND MAGNETIC BIT HOLDER

**ITEM NO. 1849-0005**

5704196 019635 **WxDxH** 370 x 140 x 40 MM 0,74 KG 1

- Set with screwdrivers for Torx® screws, hexagonal nut drivers and magnetic bit holder supplied in plastbox with EVA foam. 5 tools.

5 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 2 | Screwdrivers for Torx® screws | 4031 TX T10 - T15 |
| 2 | Flexible hexagonal nut drivers | 4042 F 1/4" - 7 mm |
| 1 | Magnetic bit holding screwdriver | 4043 M 1/4" |

**ITEM NO. 1849-1005** 1849 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 019642 **WxDxH** 370 x 140 x 40 MM 0,3 KG

# POLAR
STORAGE

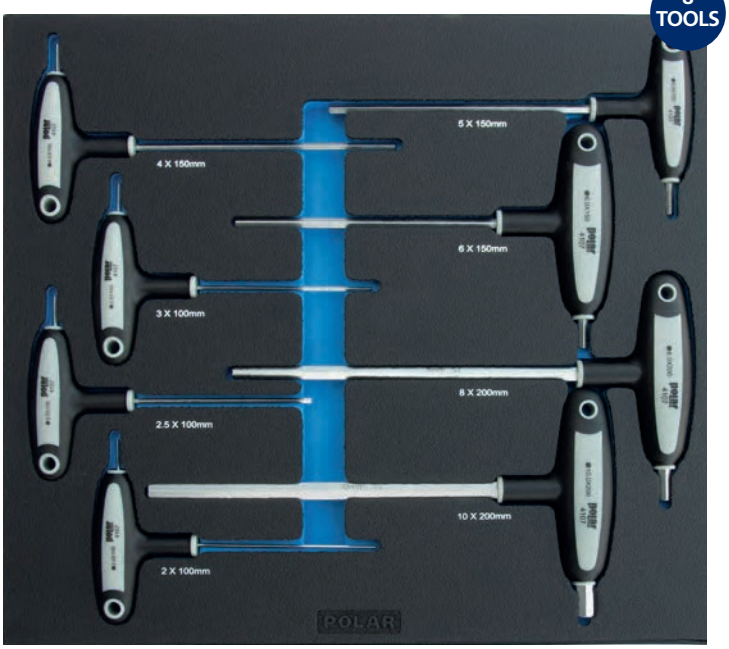
## 1852 **T-HANDLE HEX SCREWDRIVER SET**

**ITEM NO. 1852-0008**

5704196 042664 **WxDxH** 415 x 370 x 40 MM 1,3 KG 1

- Set with T-handle hex screwdrivers supplied in plastbox with EVA foam. 8 tools.

8 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | T-handle hex screwdrivers | 4107 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm |

**ITEM NO. 1852-1008** 1852 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 042671 **WxDxH** 415 x 370 x 40 MM 0,8 KG

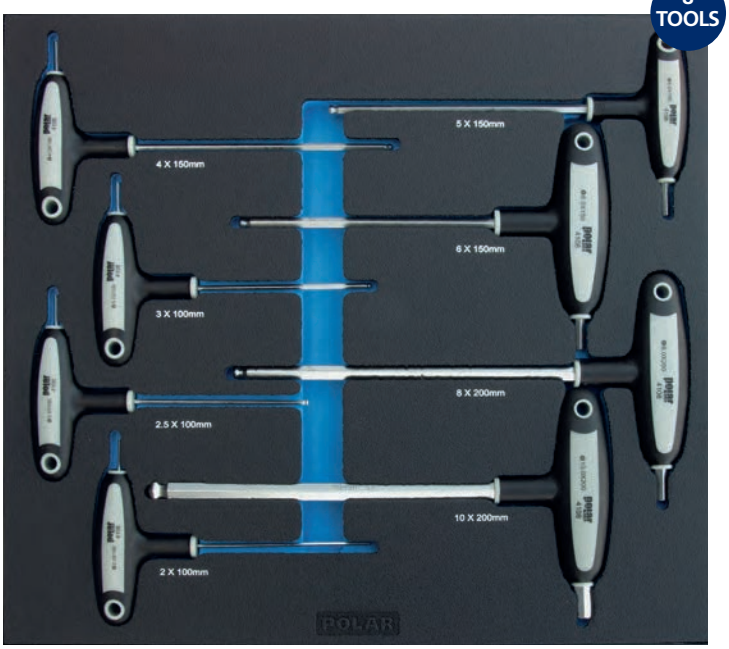
## 1853 **T-HANDLE HEX SCREWDRIVER SET - WITH BALL POINT**

**ITEM NO. 1853-0008**

5704196 042688 **WxDxH** 415 x 370 x 40 MM 1,5 KG 1

- Set with T-handle hex screwdrivers with ball point supplied in plastbox with EVA foam. 8 tools.

8 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | T-handle hex screwdrivers with ball point | 4108 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm |

**ITEM NO. 1853-1008** 1853 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 042695 **WxDxH** 415 x 370 x 40 MM 0,8 KG

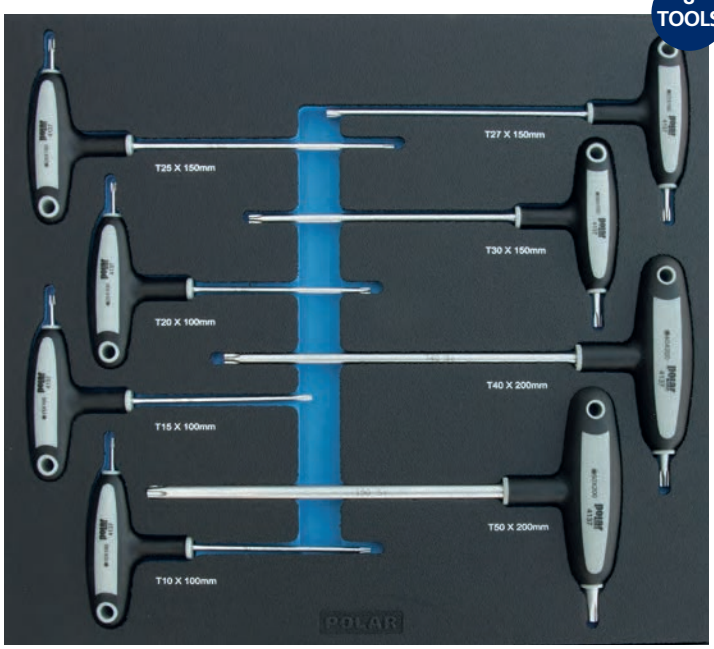
## 1854 **T-HANDLE TORX® SCREWDRIVER SET**

**ITEM NO. 1854-0008**

5704196 042701 **WxDxH** 415 x 370 x 40 MM 1,4 KG 1

- Set with T-handle Torx® screwdrivers supplied in plastbox with EVA foam. 8 tools.

8 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | T-handle Torx® screwdrivers | 4137 TX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T50 |

**ITEM NO. 1854-1008** 1854 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 042718 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1855 **TOOL SET - AIR TOOLS AND IMPACT SOCKETS**

**ITEM NO. 1855-0019**

5704196 042725 **WxDxH** 415 x 370 x 40 MM 4,4 KG 1

- Set with short and long impact sockets, impact wrench, mini grinder and ratchet supplied in plastbox with EVA foam. 19 tools.

19 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6 point impact sockets | 6012 1/2" 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 mm |
| 4 | Long 6 point impact sockets | 6012 LT 1/2" 17 - 19 - 21 - 22 mm |
| 1 | Impact wrench | 6100 C2 1/2" |
| 1 | Mini grinder, straight | 6110 A |
| 1 | Ratchet | 6105 C 1/2" |

**ITEM NO. 1855-1019** 1855 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 042732 **WxDxH** 415 x 370 x 40 MM 0,8 KG

# POLAR
STORAGE

## 1856 **AUTO BODY REPAIR TOOL SET**

**ITEM NO. 1856-0007**

5704196 050379 **WxDxH** 415 x 370 x 40 MM 6,6 KG 1

- Set with auto repair hammers and dollys supplied in plastbox with EVA foam. 7 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Standard bumping hammer | 8901 330 mm |
| 1 | Pick and finishing hammer | 8902 330 mm |
| 1 | Light shrinking hammer | 8903 330 mm |
| 1 | Utility Dolly | 8925 70 mm |
| 1 | Curved Dolly | 8926 133 mm |
| 1 | Heel Dolly | 8927 80 mm |
| 1 | Toe Dolly | 8931 121 mm |

**ITEM NO. 1856-1007** 1856 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 050386 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1860 **INSULATED SCREWDRIVER SET**

**ITEM NO. 1860-0012**

5704196 042749 **WxDxH** 415 x 370 x 40 MM 1,4 KG 1

- Set with insulated screwdrivers for slotted, Phillips®, Pozidriv® screws and voltage tester supplied in plastbox with EVA foam. 12 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Insulated screwdrivers, slotted | 4200 2,5x75 - 3x100 - 4x100 - 5,5x125 - 6,5x150 mm |
| 3 | Insulated screwdrivers, Phillips® | 4210 PH0 - PH1 - PH2 |
| 3 | Insulated screwdrivers, Pozidriv® | 4220 PZ0 - PZ1 - PZ2 |
| 1 | Voltage tester | 4202 110-250V |

**ITEM NO. 1860-1012** 1860 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 042756 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1861 **INSULATED PLIER SET**

**ITEM NO. 1861-0008**

5704196 042763 **WxDxH** 415 x 370 x 40 MM 2,3 KG 1

- Set with insulated pliers and electricians knife supplied in plastbox with EVA foam. 8 tools.

8 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Insulated combination plier | 3001 180 mm |
| 1 | Insulated diagonal plier | 3002 160 mm |
| 2 | Insulated half-round long nose pliers, straight | 3005 160 mm - 200 mm |
| 1 | Insulated half-round long nose plier, bent | 3006 200 mm |
| 1 | Insulated wire stripper | 3009 160 mm |
| 1 | Insulated water pump plier | 3020 250 mm |
| 1 | Electricians folding knife | 9130 2,5 mm blade |

**ITEM NO. 1861-1008** 1861 **EMPTY PLASTBOX WITH EVA FOAM**

5704196 042770 **WxDxH** 415 x 370 x 40 MM 0,8 KG

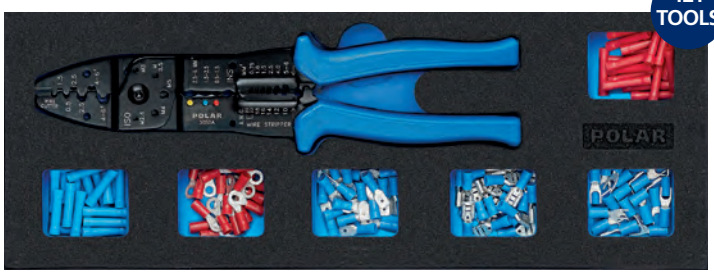
## 1862 **CRIMPING TOOL SET**

**ITEM NO. 1862-0121**

5704196 046402 **WxDxH** 370 x 140 x 40 mm 0,57 KG 1

- Crimping tool set with crimping plier and accessories supplied in plastbox with EVA foam. 121 tools.

121 TOOLS




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Crimping tool | 3052 245 mm |
| 20 | Male bullet connectors | 3055 Blue 6,3 x 0,8 mm |
| 20 | Female bullet connectors | 3055 Blue 6,3 x 0,8 mm |
| 20 | Butt connectors | 3055 Blue |
| 20 | Butt connectors | 3055 Red |
| 20 | Spade connectors | 3055 Blue #8 |
| 20 | Ring terminals | 3055 Red #6 |

**ITEM NO. 1862-1121** 1862 **EMPTY PLASTBOX WITH EVA FOAM**

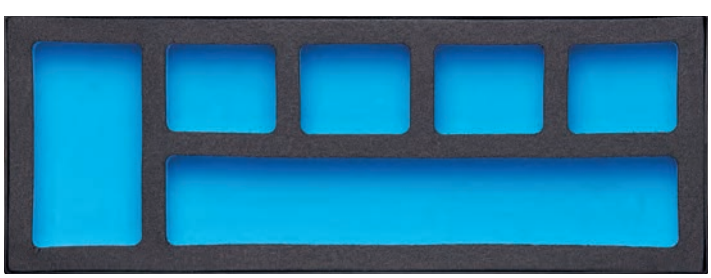
5704196 046419 **WxDxH** 415 x 370 x 40 MM 0,8 KG

## 1890 **FOAM TRAY FOR SMALL COMPONENTS**

**ITEM NO. 1890-0001**

5704196 034331 **WxDxH** 370 x 140 x 40 MM 0,2 KG 1

- Single module tool tray for the storage of small tools etc.



# POLAR
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## 1870 **INSULATED SET**

**ITEM NO. 1870-0019**

5704196 042787 **W×D×H** 575 x 375 x 40 MM 2,6 KG 1

- Set with insulated screwdrivers, pliers and electricians knife supplied in plastbox with EVA foam. 19 tools.

**19 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Insulated combination plier | 3001 180 mm |
| 1 | Insulated diagonal plier | 3002 160 mm |
| 2 | Insulated half-round long nose pliers, straight | 3005 160 mm - 200 mm |
| 1 | Insulated half-round long nose plier, bent | 3006 200 mm |
| 1 | Insulated wire stripper | 3009 160 mm |
| 1 | Insulated water pump plier | 3020 250 mm |
| 1 | Electricians folding knife | 9130 2,5 mm blade |
| 4 | Insulated screwdrivers, slotted | 4200 3x100 - 4x100 - 5,5x125 - 6,5x150 mm |
| 3 | Insulated screwdrivers, Phillips® | 4210 PH0 - PH1 - PH2 |
| 3 | Insulated screwdrivers, Pozidriv® | 4220 PZ0 - PZ1 - PZ2 |
| 1 | Voltage tester | 4202 110-250V |

**ITEM NO. 1870-1019**

## 1870 **EMPTY EVA FOAM**

5704196 042794 **W×D×H** 575 x 375 x 40 MM 1,2 KG

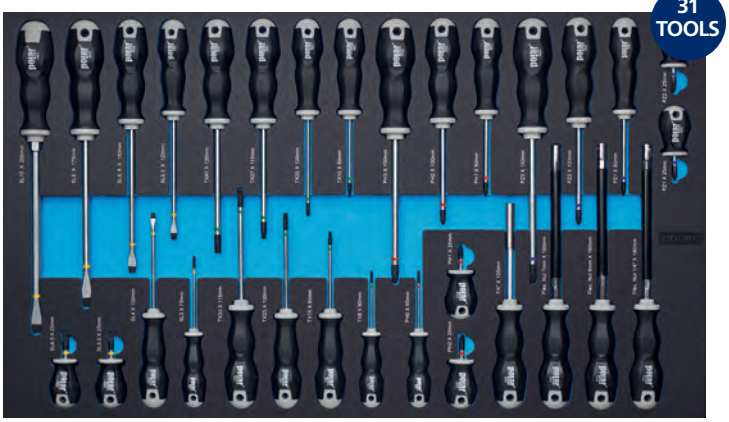
## 1875 **TOOL SET 1**

**ITEM NO. 1875-0470-1**

5704196 029474 **W×D×H** 745 x 430 x 40 MM 3,1 KG 1

- Screwdriver set.
- For X-LARGE roller cabinet.

**31 TOOLS**



*CONTENT:*

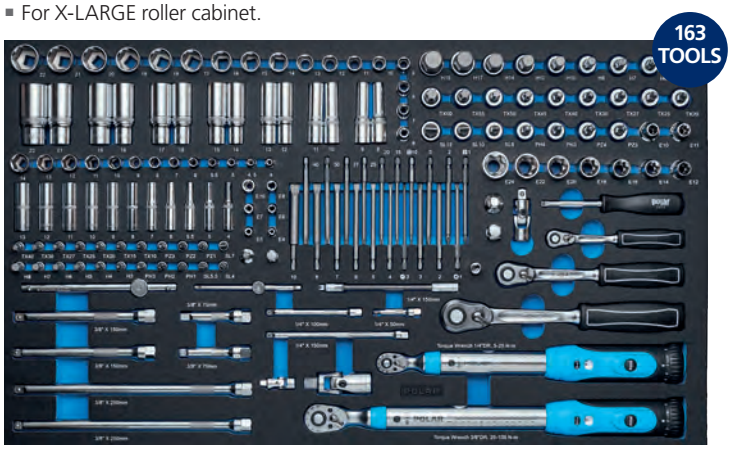
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Screwdrivers for slotted screws | 4000 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x175 - 10x200 mm |
| 2 | Stubby screwdrivers for slotted screws | 4003 5,5x25 - 6,5x25 mm |
| 4 | Screwdrivers for Phillips® screws | 4010 PH 0 - 1 - 2 - 3 |
| 2 | Stubby screwdrivers for Phillips® screws | 4013 PH 1 - 2 |
| 3 | Screwdrivers for Pozidriv® screws | 4020 PZ 1 - 2 - 3 |
| 2 | Stubby screwdrivers for Pozidriv® screws | 4023 PZ 1 - 2 |
| 8 | Screwdrivers for Torx® screws | 4031 TX T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 3 | Flexible hexagonal nut drivers | 4042 F 1/4" - 6 - 7 mm |
| 1 | Magnetic bit holding screwdriver | 4043 M 1/4" |

## 1875 **TOOL SET 2**

**ITEM NO. 1875-0470-2**

5704196 029481 **W×D×H** 745 x 430 x 40 MM 10,9 KG 1

- Set with metric sockets, socket drivers and accessories, torque wrenches.
- For X-LARGE roller cabinet.




*CONTENT:*

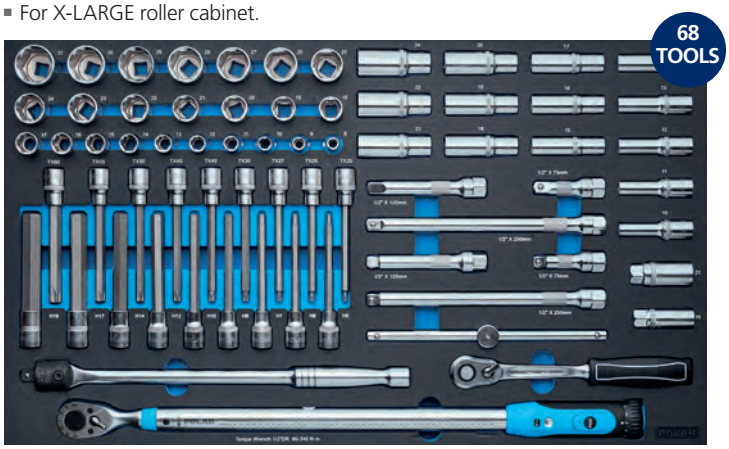
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-point sockets | 5014 1/4" 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 11 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - mm |
| 3 | Socket drivers for slotted head screws | 5114 1/4" 4 - 5,5 - 7 mm |
| 3 | Socket drivers for Phillips® screws | 5114 1/4" PH 1 - 2 - 3 |
| 3 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ 1 - 2 - 3 |
| 6 | Socket drivers for hex head screws | 5114 1/4" H 3 - 4 - 5 - 6 - 7 - 8 mm |
| 7 | Socket drivers for Tamper Resistant® Torx® screws | 5114 1/4" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 6 | Socket for Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 - E8 - E10 |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 3 | Extensions | 5214 1/4" EX 50 - 100 - 150 mm |
| 1 | Flexible extension | 5214 1/4" F 150 mm |
| 1 | Adaptor | 5614 1/4" A |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Spinner handle | 5514 1/4" HD |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 17 | 6-point sockets | 5038 3/8" 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm |
| 14 | Long 6-point sockets | 5038 3/8" L 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm |
| 3 | Extensions | 5238 3/8" EX 75 - 150 - 250 mm |
| 3 | Wobble extensions | 5238 3/8" EXW 75 - 150 - 250 mm |
| 1 | Adaptor | 5738 3/8" A |
| 1 | Adaptor | 5638 3/8" A |
| 1 | Universal joint | 5838 3/8" U |
| 1 | Sliding T-handle | 5438 3/8" TH |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 3 | Socket drivers for slotted head screws | 5112 1/2" 8 - 10 - 12 mm |
| 2 | Socket drivers for Phillips® screws | 5112 1/2" PH 3 - 4 |
| 2 | Socket drivers for Pozidriv® screws | 5112 1/2" PZ 3 - 4 |
| 9 | Socket drivers for hex head screws | 5112 1/2" H 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm |
| 9 | Socket drivers for Torx® screws | 5112 1/2" TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |
| 9 | Socket for Torx® screws | 5012 1/2" NTX E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24 |
| 1 | Universal joint | 5812 1/2" U |
| 1 | Adaptor | 5712 1/2" A |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 7 | Long bits for slotted head screws | 4614 1/4" 3 - 4 - 5 - 6 - 7 - 8 - 10 mm |
| 3 | Long bits for Phillips® screws | 4614 1/4" ACR PH 1 - 2 - 3 |
| 3 | Long bits for Pozidriv® screws | 4614 1/4" ACR PZ 1 - 2 - 3 |
| 7 | Long bits for Tamper Resistant® Torx® screws | 4614 1/4" STX T10 - T15 - T20 - T25 - T25 - T27 - T30 - T40 |
| 1 | Torque-wrench | 7114 1/4" 5-25 Nm |
| 1 | Torque-wrench | 7138 3/8" 20-100 Nm |

## 1875 **TOOL SET 3**

**ITEM NO. 1875-0470-3**

5704196 029498 **W×D×H** 745 x 430 x 40 MM 12,6 KG 1

- Socket wrench set, torque wrench.
- For X-LARGE roller cabinet.




*CONTENT:*

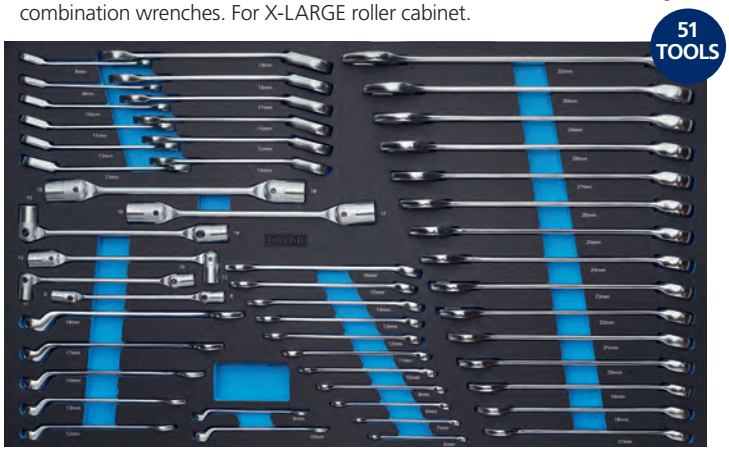
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 24 | 6-point sockets | 5012 1/2" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm |
| 14 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm |
| 9 | Long socket drivers for hex head screws | 5112 1/2" HL 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm |
| 9 | Long socket drivers for Torx® screws | 5112 1/2" TXL T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |
| 3 | Extensions | 5212 1/2" EX 75 - 125 - 250 mm |
| 3 | Wobble extensions | 5212 1/2" EXW 75 - 125 - 250 mm |
| 1 | Swivel handle | 5912 1/2" FH 410 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 1 | Torque-wrench | 7112 1/2" 60-340 NM |
| 2 | Spark plug sockets | 5038 3/8" SP 16 - 21 mm |

## 1875 **TOOL SET 4**

**ITEM NO. 1875-0470-4**

5704196 029504 **W×D×H** 745 x 430 x 40 MM 9,1 KG 1

- Set with combination and double swivel end socket wrenches, reversible gear combination wrenches. For X-LARGE roller cabinet.




*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 26 | Combination wrenches | 2000 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm |
| 12 | Reversible gear combination wrenches | 2005 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |
| 7 | Offset combination wrenches | 2100 8 - 10 - 12 - 13 - 15 - 17 - 19 mm |
| 6 | Double swivel end socket wrenches | 2400 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm |

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## 1875 **TOOL SET 5**

**ITEM NO. 1875-0470-5**

5704196 029511 **WxDxH** 745 x 430 x 40 MM 3,6 KG 1

- Set with pliers, circlips pliers and cutting tools.
- For X-LARGE roller cabinet.

15 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Combination plier | 3001 180 mm |
| 1 | Long nose plier | 3005 160 mm |
| 1 | Bent nose plier | 3006 160 mm |
| 1 | Diagonal plier | 3002 160 mm |
| 1 | Water pump plier | 3020 250 mm |
| 1 | Internal circlip plier, straight | 3100 180 mm - Ø 19 - 60 mm |
| 1 | Internal circlip plier, bent | 3105 180 mm - Ø 19 - 60 mm |
| 1 | External circlip plier, straight | 3110 180 mm - Ø 19 - 60 mm |
| 1 | External circlip plier, bent | 3115 180 mm - Ø 19 - 60 mm |
| 1 | Locking plier, curved jaw, w/wire cutter | 3200 250 mm |
| 1 | Tinmans shears (straight) | 3410 250 mm |
| 1 | Electronic scissor | 3500 140 mm - 3,0 mm |
| 1 | Knife | 9105 18 mm |
| 1 | Junior hacksaw | 9210 150 mm |
| 1 | Wire stripper | 3009 160 mm |

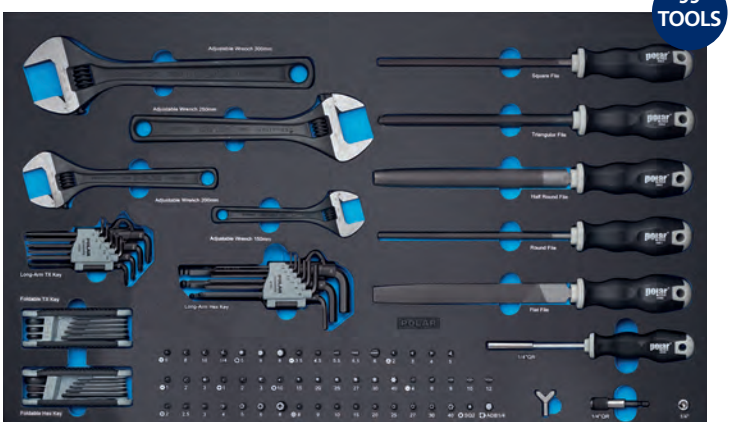
## 1875 **TOOL SET 6**

**ITEM NO. 1875-0470-6**

5704196 029528 **WxDxH** 745 x 430 x 40 MM 5,1 KG 1

- Set with impact driver, adjustable wrenches, hexagonal keys, files and measuring tools.
- For X-LARGE roller cabinet.

99 TOOLS



*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long angled Torx® keys | 4190 LTXS/9 T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 9 | Long angled ball point hexagon keys | 4195 LS/9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm |
| 8 | Foldable ball point key set for hex head screws | 4195 FS/8 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm |
| 8 | Foldable key set for Torx® screws | 4190 FTXS/8 T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 4 | Adjustable wrenches | 2600 6" - 8" - 10" - 12" |
| 1 | Flat file | 3900 200 mm |
| 1 | Round file | 3901 200 mm |
| 1 | Halfround file | 3902 200 mm |
| 1 | Square file | 3903 200 mm |
| 1 | Triangular file | 3904 200 mm |
| 1 | Magnetic bit holding screwdriver | 4043 1/4" M |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Socket adaptor | 4714 1/4" SQ 25 mm |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" ACR PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" ACR PZ 1 - 2 - 3 |
| 7 | Bits for Torx® screws | 4514 1/4" TX T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 9 | Bits for Tamper Resistant® Torx® head screws | 4514 1/4" STX T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 7 | Bits for hex head bore hole screws | 4514 1/4" HB 2 - 2.5 - 3 - 4 - 5 - 6 - 8 mm |
| 1 | Bits for square head screws | 4514 1/4" SQ 2 |
| 5 | Bits for spanner screws | 4514 1/4" SN 4 - 6 - 8 - 10 - 12 |
| 4 | Bits for Torq-Set® screws | 4514 1/4" TS 6 - 8 - 10 mm / 1/4" |
| 3 | Bits for XZN® screws | 4514 1/4" XZN 5 - 6 - 8 |
| 4 | Bits for Tri-Wing® screws | 4514 1/4" TW 2 - 3 - 4 - 5 |
| 1 | Bits for hooks | 4514 1/4" HOOK |

## 1875 **TOOL SET 7**

**ITEM NO. 1875-0470-7**

5704196 029535 **WxDxH** 745 x 430 x 40 MM 4,3 KG 1

- Set with bits, hammers and impact tools.
- For X-LARGE roller cabinet.

**43 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Engineers hammer, 300 g | 8030 300 g |
| 1 | Sledge hammer 1000 g | 8040 1000 g |
| 1 | Dead blow hammer, 30 mm | 8060 35 mm |
| 6 | Pin punches | 8200 2 - 3 - 4 - 5 - 6 - 8 mm |
| 5 | Taper punches | 8205 2 - 3 - 4 - 5 - 6 mm |
| 2 | Center punches | 8210 sizes 3 - 4 |
| 2 | Cape chisels | 8215 5 - 7 mm |
| 2 | Flat cold chisels | 8220 12 - 18 mm |
| 1 | Vernier caliper | 9200 150 mm |
| 1 | Measuring tape | 9400 3 mtr. |
| 1 | Magnetic pick-up tool | 9000 2,2 kg |
| 3 | Bits for slotted head screws | 4516 5/16" 8 - 10 - 12 mm |
| 3 | Bits for Phillips® screws | 4516 5/16" ACR PH 2 - 3 - 4 |
| 3 | Bits for Pozidriv® screws | 4516 5/16" ACR PZ 2 - 3 - 4 |
| 4 | Bits for Torx® screws | 4516 5/16" TX T40 - T45 - T50 - T55 |
| 5 | Bits for hex head screws | 4516 5/16" H 5 - 6 - 8 - 10 - 12 mm |
| 1 | Impact bit driver | 4712 1/2" ID |
| 1 | Screwdriver bit socket | 4712 1/2" x 5/16" |

## 1875 **TOOL SET 8**

**ITEM NO. 1875-0470-8**

5704196 029535 **WxDxH** 745 x 430 x 40 MM 4,3 KG 1

- Set with combination and double swivel end socket wrenches, reversible gear combination wrenches. For X-LARGE roller cabinet.

**54 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 26 | Combination wrenches | 2000 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm |
| 12 | Reversible gear combination wrenches | 2005 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |
| 8 | Double open end wrenches | 2010 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm |
| 8 | Double end offset ring wrenches | 2110 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm |

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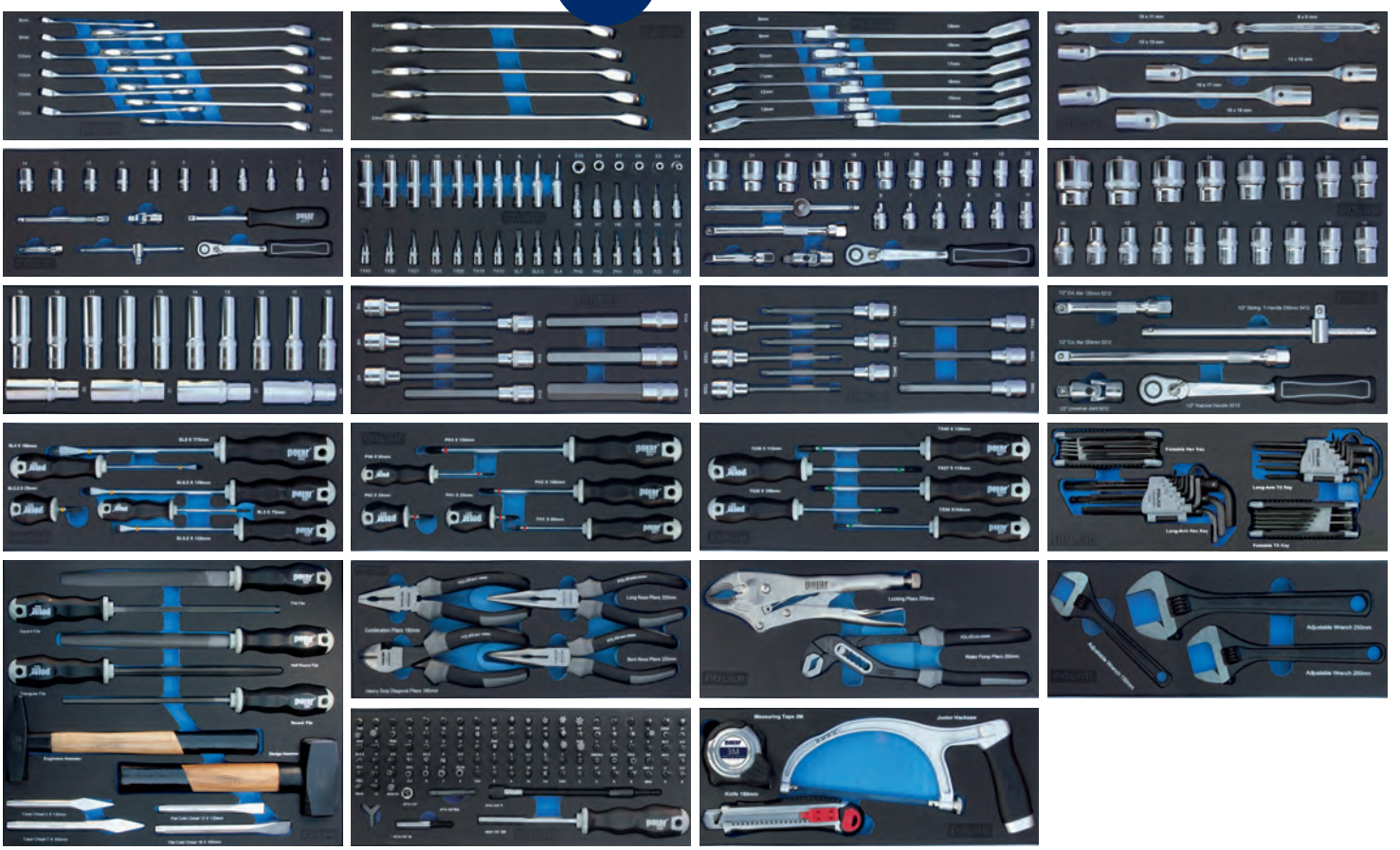
## 1875 S1 **TOOL SET - 350 TOOLS**

**ITEM NO. 1875-0350**

5704196 020259 30,3 KG

**350 TOOLS**

### SUITABLE FOR



*CONTENT:*

1800 Combination wrench set 8 - 19 mm
1801 Combination wrench set 20 - 24 mm
1807 Reversible ratchet combination wrench set 8 - 19 mm
1812 Double swivel end socket wrench set 8 - 19 mm
1813 1/4" Socket wrench set 4 - 14 mm
1815 1/4" Long sockets and socket drivers
1817 3/8" Socket wrench set 6 - 22 mm
1819 1/2" Socket wrench set 10 - 32 mm
1820 1/2" Long sockets 10 - 24 mm
1825 1/2" Long socket drivers for hex head screws 5 - 19 mm
1826 1/2" Long socket drivers for Torx® screws T10 - T50
1827 1/2" Ratchet and accessories
1829 B Screwdriver set for slotted head screws
1830 C Screwdriver set, PH
1831 A Screwdriver set, TX
1834 Metric and Torx® hexagon key set
1835 Plier set with combination-, cutting- and long nose plier
1836 Plier set with waterpump- and locking plier
1837 Adjustable wrenches 6" - 8" - 10"
1839 Hammers, chisels and files set
1843 Bits set
1845 Measuring and cutting tool set

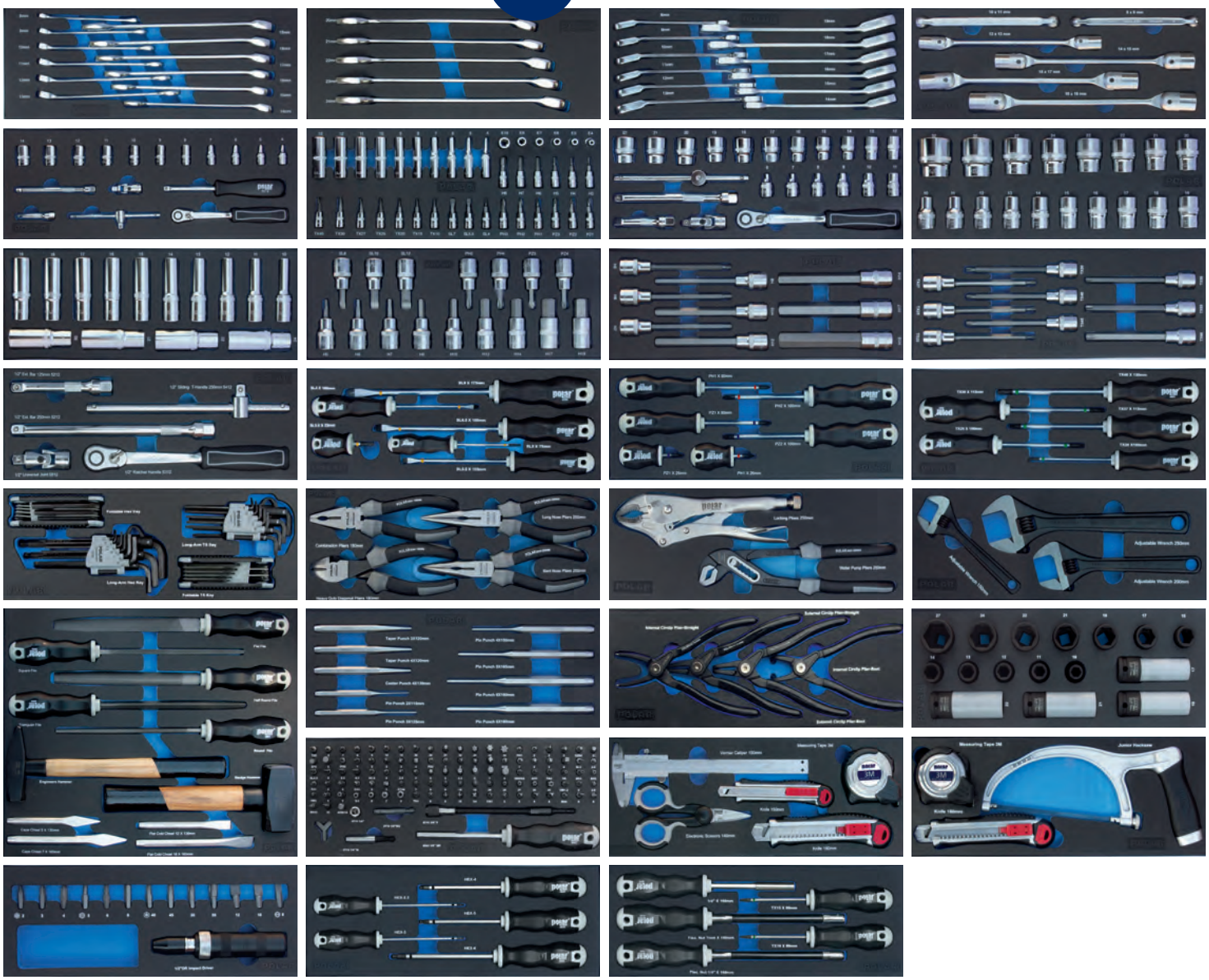
# 1875 S2 **TOOL SET - 425 TOOLS**

**ITEM NO. 1875-0425**

5704196 020365 38,5 KG

**425 TOOLS**

**SUITABLE FOR**



*CONTENT:*

1800 Combination wrench set 8 - 19 mm
1801 Combination wrench set 20 - 24 mm
1807 Reversible ratchet combination wrench set 8 - 19 mm
1812 Double swivel end socket wrench set 8 - 19 mm
1813 1/4" Socket wrench set 4 - 14 mm
1815 1/4" Long sockets and socket drivers
1817 3/8" Socket wrench set 6 - 22 mm
1819 1/2" Socket wrench set 10 - 32 mm
1820 1/2" Long sockets 10 - 24 mm
1824 1/2" Socket drivers for slot-head, Phillips®, Pozidriv® and hexagonal screws
1825 1/2" Long socket drivers for hex head screws 5 - 19 mm
1826 1/2" Long socket drivers for Torx® screws T10 - T50
1827 1/2" Ratchet and accessories
1829 B Screwdriver set for slotted head screws
1830 A Screwdriver set for Phillips® and Pozidriv® screws
1831 A Screwdriver set, TX
1834 Metric and Torx® hexagon key set
1835 Plier set with combination-, cutting- and long nose pliers
1836 Plier set with waterpump- and locking pliers
1837 Adjustable wrenches 6" - 8" - 10"
1839 Hammers, chisels and files set
1840 Impact tool set
1841 Plier set for circlips 19 - 60 mm
1842 1/2" Impact socket set
1843 Bits set
1844 Measuring and cutting tool set
1845 Measuring and cutting tool set
1847 Impact driver bit set
1848 Screwdriver set, hex
1849 Screwdriver set

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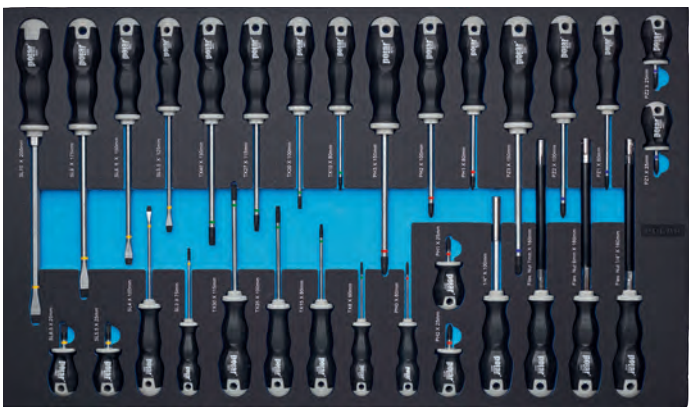
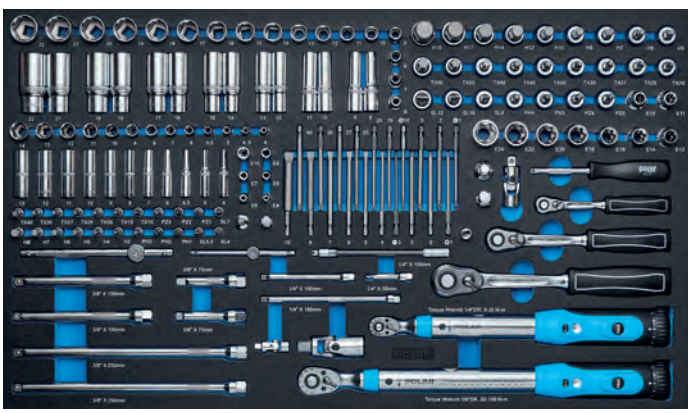
## 1875 S3 **TOOL SET - 470 TOOLS**

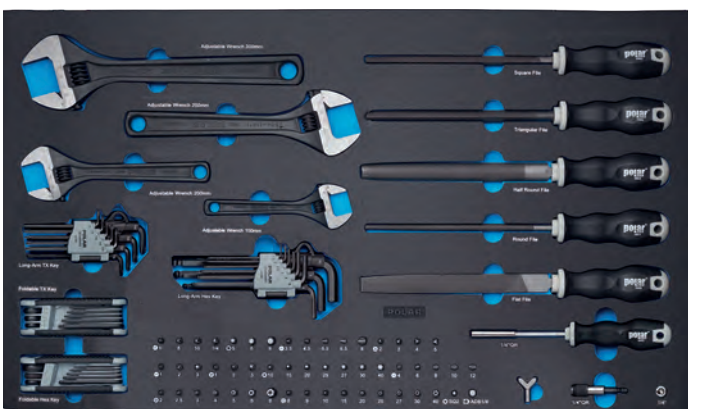
**ITEM NO. 1875-0470** 5704196 015385 48,7 KG

**470 TOOLS**

**SUITABLE FOR**







*CONTENT:*

1875 Tool set 1 Screwdrivers
1875 Tool set 2 Metric sockets, socket drivers and accessories, torque wrenches
1875 Tool set 3 Socket wrench set, torque wrench
1875 Tool set 4 Combination and double swivel end socket wrenches, reversible gear combination wrenches
1875 Tool set 5 Pliers, circlips pliers and cutting tools
1875 Tool set 6 Adjustable wrenches, hexagonal keys, files and bits
1875 Tool set 7 Bits, hammers, measuring tools and impact tools

**SUITABLE FOR**

# 1875 S4 **TOOL SET - 66 TOOLS**

**ITEM NO. 1875-0066** 5704196 018560 10 KG

**66 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 -16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm |
| 1 | Ratchet, 60 teeth | 5312 E 1/2" |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |
| 14 | Combination wrenches | 2000 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm |

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | Screwdrivers for slotted head screws | 4000 3 x 75 - 4 x 100 - 5,5 x 125 - 6,5 x 150 mm |
| 3 | Screwdrivers for Phillips® screws | 4010 PH 1 - PH 2 - PH 3 |
| 1 | Combination plier | 3001 180 mm |
| 1 | Diagonal cutter | 3002 160 mm |
| 1 | Half-round long nose plier | 3005 160 mm |
| 1 | Waterpump plier | 3020 250 mm |
| 9 | Long metric hexagon keys | 4105 BP 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm |

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Locking plier | 3202 250 mm |
| 1 | Electricians scissor | 3500 140 mm |
| 1 | Mechanics hammer | 8030 300 g |
| 1 | Taper punch | 8205 3 x 120 mm |
| 1 | Center punch | 8210 2 x 120 mm |
| 1 | Cape chisel | 8215 5 x 130 mm |
| 1 | Flat chisel | 8220 12 x 130 mm |
| 1 | Pin punch | 8200 4 x 150 mm |
| 1 | Hacksaw | 9210 E 300 mm |

# POLAR STORAGE

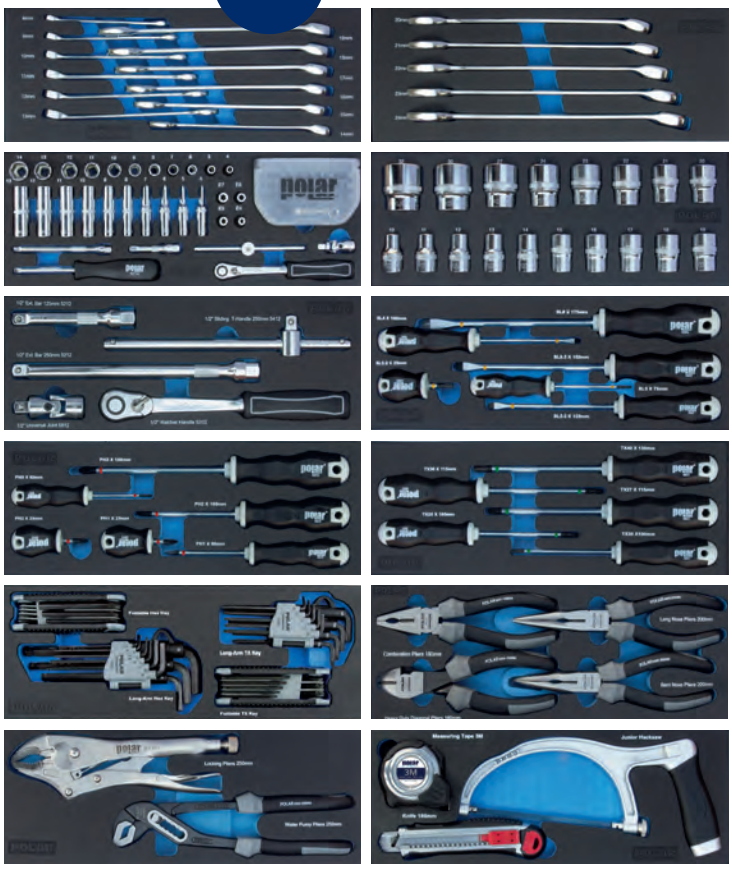
## 1875 S5 **TOOL SET - 163 TOOLS**

**ITEM NO. 1875-0163**

5704196 020273 13,9 KG

**SUITABLE FOR**

**163 TOOLS**



*CONTENT:*

1800 Combination wrench set 8 - 19 mm
1801 Combination wrench set 20 - 24 mm
1814 1/4" Socket wrench set 4 - 14 mm
1819 1/2" Socket wrench set 10 - 32 mm
1827 1/2" Ratchet and accessories
1829 B Screwdriver set for slotted head screws
1830 C Screwdriver set, PH
1831 A Screwdriver set, TX
1834 Metric and Torx® hexagon key set
1835 Plier set with combination-, cutting- and long nose plier
1836 Plier set with waterpump- and locking plier
1845 Measuring and cutting toolset

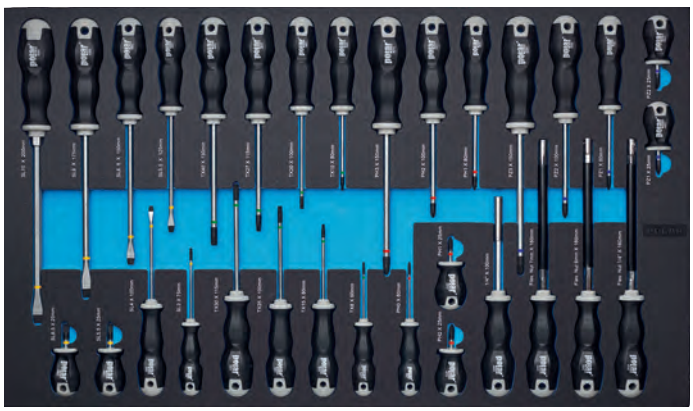
# POLAR
STORAGE

## SUITABLE FOR

## 1875 S6 **TOOL SET - 473 TOOLS**

**ITEM NO. 1875-0473** | 5704196 018638 | 48,5 KG

**473 TOOLS**



*CONTENT:*

1875 Tool set 1 Screwdrivers
1875 Tool set 2 Metric sockets, socket drivers and accessories, torque wrenches
1875 Tool set 3 Socket wrench set, torque wrench
1875 Tool set 5 Pliers, circlips pliers and cutting tools
1875 Tool set 6 Adjustable wrenches, hexagonal keys, files and bits
1875 Tool set 7 Bits, hammers, measuring tools and impact tools
1875 Tool set 8 Combination and double swivel end socket wrenches, reversible gear combination wrenches

POLAR
polar
X-LARGE

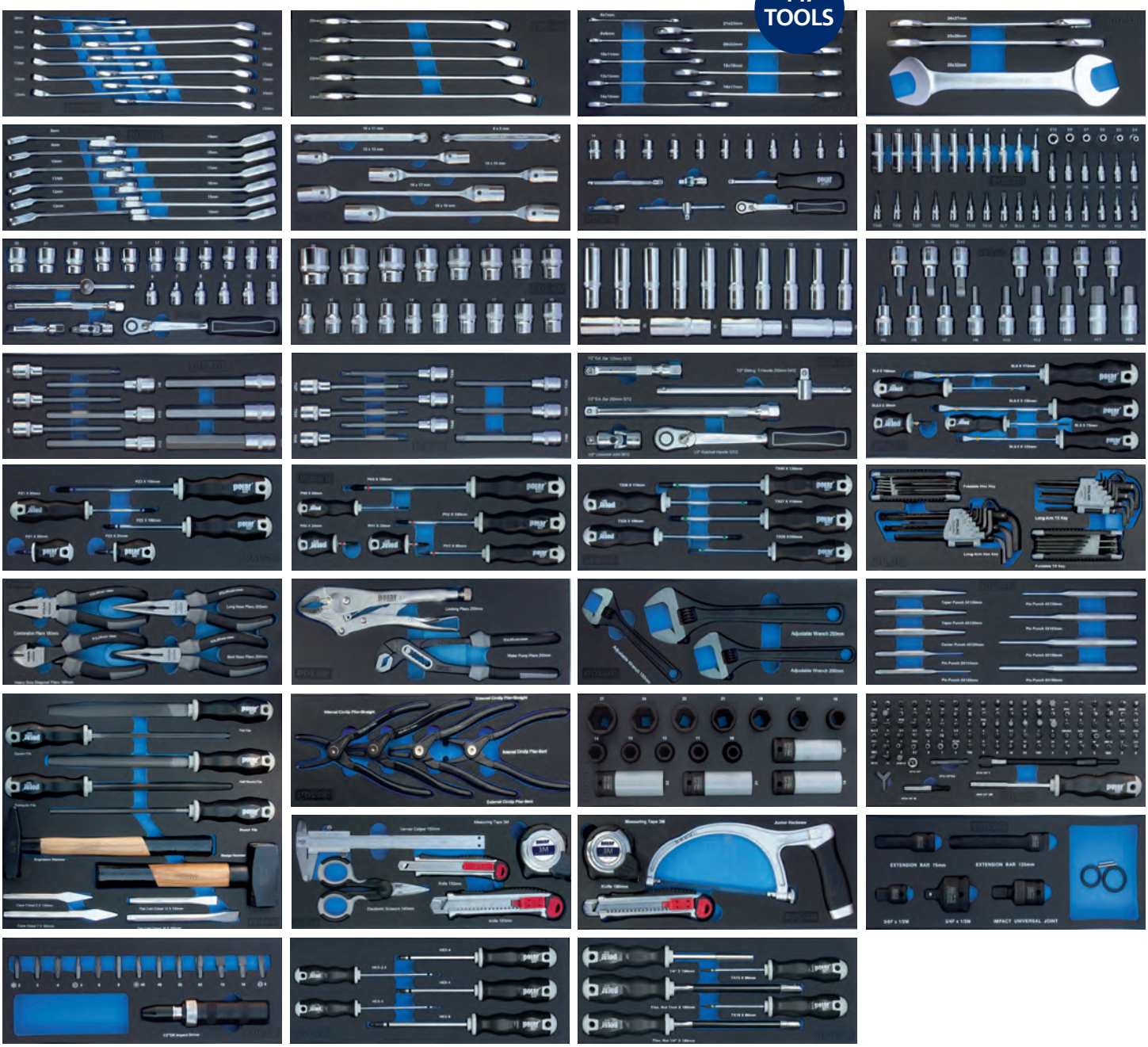
## 1875 S7 **TOOL SET - 447 TOOLS**

**ITEM NO. 1875-0447**

5704196 020266 43 KG

**SUITABLE FOR**

**447 TOOLS**



*CONTENT:*

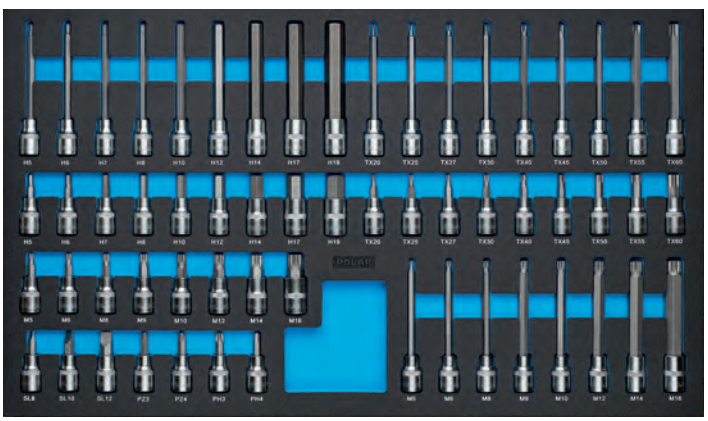
1800 Combination wrench set 8 - 19 mm
1801 Combination wrench set 20 - 24 mm
1805 A Metric double open end wrench set 6-23 mm
1805 B Metric double open end wrench set 24-32 mm
1807 Reversible ratchet combination wrench set 8 - 19 mm
1812 Double swivel end socket wrench set 8 - 19 mm
1813 1/4" Socket wrench set 4 - 14 mm
1815 1/4" Long sockets and socket drivers
1817 3/8" Socket wrench set 6 - 22 mm
1819 1/2" Socket wrench set 10 - 32 mm
1820 1/2" Long sockets 10 - 24 mm
1824 1/2" Socket drivers for slot-head, Phillips®, Pozidriv® and hexagonal screws
1825 1/2" Long socket drivers for hex head screws 5 - 19 mm
1826 1/2" Long socket drivers for Torx® screws T10 - T50
1827 1/2" Ratchet and accessories
1829 B Screwdriver set for slotted head screws
1830 C Screwdriver set, PH
1830 B Screwdriver set, PZ
1831 A Screwdriver set, TX
1834 Metric and Torx® hexagon key set
1835 Plier set with combination-, cutting- and long nose pliers
1836 Plier set with waterpump- and locking pliers
1837 Adjustable wrenches 6" - 8" - 10"
1839 Hammers, chisels and files set
1840 Impact tool set
1841 Plier set for circlips 19 - 60 mm
1842 1/2" Impact socket set
1843 Bits set
1844 Measuring and cutting tool set
1845 Measuring and cutting tool set
1846 Impact accessories
1847 Impact driver bit set
1848 Screwdriver set, hex
1849 Screwdriver set

# POLAR
STORAGE

## SUITABLE FOR

## 1875 S13 **MEGA 1000+ TOOL SET - 1129 TOOLS**

**ITEM NO. 1875-1129** 5704196 043883 84,5 KG



*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 5 | Sockets - Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 - E8 |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 1 | Spinner handle | 5514 1/4" HD |
| 4 | Extensions | 5214 1/4" EX 50 - 100 - 150 - 300 mm |
| 24 | 6-point sockets | 5012 1/2" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm |
| 14 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm |
| 9 | Sockets - Torx® screws | 5012 1/2" NTX E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24 |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 1 | Universal joint | 5812 1/2" E |
| 1 | Adaptor 1/2" x 3/8" | 5712 1/2" A |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 2 | Wobble extensions | 5212 1/2" EXW 75 - 125 mm |

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers - hex head screws | 5112 1/2" H 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm |
| 9 | Socket drivers - Torx® screws | 5112 1/2" TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |
| 8 | Socket drivers - XZN® screws | 5112 1/2" XZN M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 |
| 2 | Socket drivers - Phillips® screws | 5112 1/2" PH 3 - 4 |
| 2 | Socket drivers - Pozidriv® screws | 5112 1/2" PZ 3 - 4 |
| 3 | Socket drivers - slotted screws | 5112 1/2" 8 - 10 - 12 mm |
| 9 | Long socket drivers - hex head screws | 5112 1/2" HL 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 - 19 mm |
| 9 | Long socket drivers - Torx® screws | 5112 1/2" TXL T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |
| 8 | Long socket drivers - XZN® screws | 5112 1/2" XZNL M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 |

# POLAR
## STORAGE

1129 TOOLS

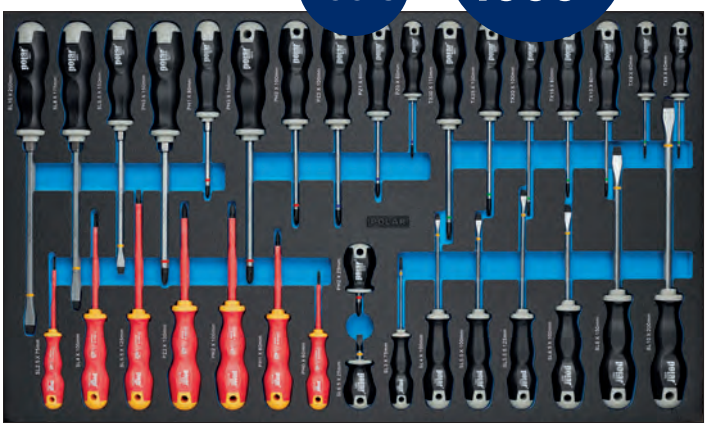
MEGA 1000+

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |
| 16 | Long 6-point sockets | 5038 3/8 L 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm |
| 3 | Spark plug sockets | 5038 3/8" SP 16 - 18 - 21 mm |
| 5 | Sockets - Torx® screws | 5038 3/8" NTX E10 - E12 - E14 - E16 - E18 |
| 9 | Socket drivers - Torx® screws | 5138 3/8" TX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |
| 9 | Socket drivers - Tamper resistant® Torx® screws | 5138 3/8" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |
| 8 | Socket drivers - hex head screws | 5138 3/8" H 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm |
| 3 | Socket drivers - XZN® screws | 5138 3/8" XZN M7 - M8 - M10 |
| 9 | Long socket drivers - Torx® screws | 5138 3/8" TXL T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |
| 8 | Long socket drivers - hex head screws | 5138 3/8" HL 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm |
| 9 | Long socket drivers - XZN® screws | 5138 3/8" XZNL M5 - M6 - M7 - M8 - M10 - M11 - M12 - M13 - M14 |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 1 | Universal joint | 5838 3/8" U |
| 1 | Spinner handle | 5538 3/8" HD |
| 3 | Extensions | 5238 3/8" EX 75 - 125 - 500mm |
| 1 | Wobble extension | 5238 3/8" EXW 75 mm |
| 1 | Adaptor | 5738 3/8" A 3/8" x 1/4" |
| 1 | Adaptor | 5638 3/8" A 3/8" x 1/2" |

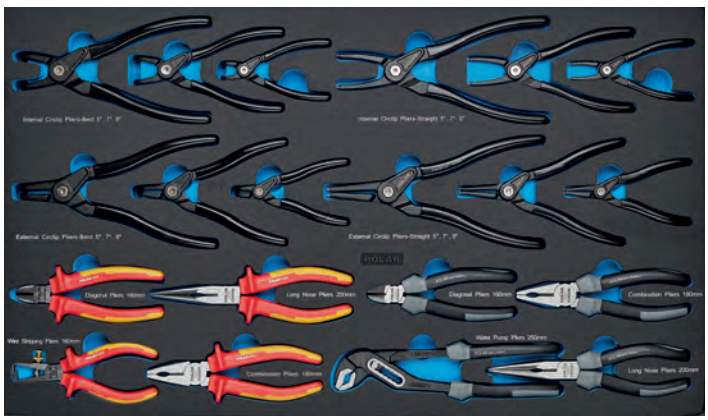
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 26 | Combination wrenches | 2000 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm |
| 12 | Reversible ratchet combination wrenches | 2005 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |
| 7 | Offset combination wrenches | 2100 8 - 10 - 12 - 13 - 15 - 17 - 19 mm |
| 6 | Double swivel end socket wrenches | 2400 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 mm |
| 3 | Gear wrench adaptors | 2095 A/3 1/4" - 3/8" - 1/2 |



*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Screwdrivers - slotted screws | 4000 SL 3 x 75 - 4 x 100 - 5.5 x 100 - 5.5 x 125 - 6.5 x 100 - 8 x 150 - 10 x 200 mm |
| 7 | Screwdrivers - Tamper resistant Torx® screws | 4030 STX T8 - T9 - T10 - T15 - T20 - T25 - T30 |
| 3 | Screwdrivers - Phillips® screws | 4010 PH 0 x 60 - PH 1 x 80 - PH 2 x 100 mm |
| 2 | Screwdrivers - Pozidriv® screws | 4020 PZ 2 x 100 - PZ 3 x 150 mm |
| 1 | Stubby Screwdriver - slotted screws | 4003 SL 6.5 x 25 mm |
| 1 | Stubby Screwdriver - Phillips® screws | 4013 PH 2 x 25 mm |
| 2 | Screwdrivers w/ impact cap - Phillips® screws | 4011 PH 1 x 80 - PH 3 x 150 mm |
| 3 | Screwdrivers w/ impact cap - slotted screws | 4001 SL 6.5 x 150 - 8 x 175 - 10 x 200 mm |
| 3 | Insulated Screwdrivers - Phillips® screws | 4210 PH 0 x 60 - PH 1 x 80 - PH 2 x 100 mm |
| 1 | Insulated Screwdriver - Pozidriv® screws | 4220 PZ 2 x 100 mm |
| 3 | Insulated Screwdrivers - slotted screws | 4200 SL 2.5 x 75 - 4 x 100 - 5.5 x 125 mm |



*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Internal circlip pliers, bent | 3105 12-25 mm - 19-60 mm - 40-100 mm |
| 3 | Internal circlip pliers, straight | 3100 12-25 mm - 19-60 mm - 40-100 mm |
| 3 | External circlip pliers, bent | 3115 10-25 mm - 19-60 mm - 40-100 mm |
| 3 | External circlip pliers, straight | 3110 10-25 mm - 19-60 mm - 40-100 mm |
| 1 | Combination plier | 3001 180 mm |
| 1 | Long nose plier | 3005 200 mm |
| 1 | Diagonal plier | 3002 160 mm |
| 1 | Water pump plier | 3020 250 mm |
| 1 | Insulated combination plier | 3001 180 mm |
| 1 | Insulated long nose plier | 3005 200 mm |
| 1 | Insulated diagonal plier | 3002 160 mm |
| 1 | Wire stripper | 3009 160 mm |

# POLAR
## STORAGE

*CONTENT:*

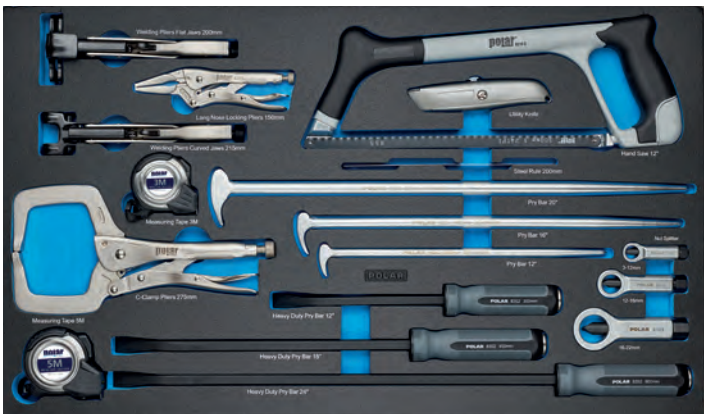
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Bits - Phillips® screws | 4514 1/4" ACR 4 x PH1 - 7 x PH2 - 1 x PH3 |
| 12 | Bits - Pozidriv® screws | 4514 1/4" ACR 4 x PZ1 - 7 x PZ2 - 1 x PZ3 |
| 14 | Bits - Torx® screws | 4514 1/4" TX T6 - T7 - T8 - T9 - T10 - T15 - 3 x T20 - 3 x T25 - T30 - T40 |
| 9 | Bits - Tamper resistant Torx® screws | 4514 1/4" STX T10 - T15 - 2 x T20 - 2 x T25 - T27 - T30 - T40 |
| 6 | Bits - hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 8 mm |
| 7 | Bits - slotted head screws | 4514 1/4" SL 3.5 - 4 - 4.5 - 5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits - square head screws | 4514 1/4" SQ 1 - 2 - 3 |
| 4 | Bits - slotted head screws | 4516 5/16" SL 6 - 8 - 10 - 12 mm |
| 4 | Bits - Phillips® screws | 4516 5/16" ACR PH1 - PH2 - PH3 - PH4 |
| 4 | Bits - hex head screws | 4516 5/16" H 4 - 5 - 6 - 8 mm |
| 5 | Bits - Torx® screws | 4516 5/16" TX T30 - T40 - T45 - T50 - T55 |
| 11 | Bits - Torx® screws | 4510 10 MM TX T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 |
| 6 | Bits - hex head screws | 4510 10 MM H 5 - 6 - 7 - 8 - 9 - 10 mm |
| 8 | Long bits - Torx® screws | 4510 10 MM TXL T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 |
| 6 | Long bits - hex head screws | 4510 10 MM HL 5 - 6 - 7 - 8 - 9 - 10 mm |
| 2 | Bits - Torx® screws | 4511 14 MM TX T60 - T70 |
| 4 | Bits - hex head screws | 4511 14 MM H 12 - 14 - 17 - 19 mm |
| 2 | Long bits - Torx® screws | 4511 14 MM TXL T60 - T70 |
| 4 | Long bits - hex head screws | 4511 14 MM HL 12 - 14 - 17 - 19 mm |
| 1 | Impact screwdriver socket | 4712 IB 1/2" x 5/16" |
| 1 | Impact bit driver | 4712 ID 1/2" |
| 1 | Flexible extension with quick release bit holder | 4714 QRF 1/4" |
| 1 | Bit screwdriver handle | 4046 1/4" |
| 1 | Extension | 4714 ME 1/4" 63 mm |
| 1 | Screwdriver bit socket | 4738 3/8" x 10 mm |
| 2 | Screwdriver bit sockets | 4712 1/2" x 10 mm - 1/2" x 14 mm |
| 1 | Tap and die set | 8570 S/16 (16 pcs.) |
| 4 | Hook wrenches | 2310 20-50 - 35-75 - 50-120 mm |
| 4 | Hook wrenches | 2312 20-50 - 35-75 - 50-120 mm |
| 1 | Feeler gauge set (20 pcs.) | 9350 S/20 0.05-1.0 mm |
| 6 | Pin punches | 8200 2 x 115 - 3 x 125 - 4 x 150 - 5 x 165 - 6 x 180 - 8 x 180 mm |
| 2 | Flat cold chisels | 8220 12 x 130 - 18 x 165 mm |
| 1 | Center punch | 8210 4 x 120 mm |
| 9 | Long angled ball point hexagon keys (metric) | 4195 LS/9 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm |
| 13 | Long angled ball point hexagon keys (inch) | 4195 LIS/13 0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8" |
| 9 | Long keys - Torx® head screws | 4190 LTXS/9 TX T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Oil filter strap wrench | 8610 225 mm |
| 3 | Hose clamp pliers | 3315 1/4"-3/4" - 1/4"-1 1/4" - 3/4"-2 1/4" |
| 1 | Engineers hammer | 8030 300 g |
| 1 | Sledge hammer | 8040 1000 g |
| 1 | Dead blow hammer | 8060 40 mm |
| 1 | Professional crimping tool | 3052 245 mm |
| 20 | Male bullet connectors | Blue 6.3 x 0.8 mm |
| 20 | Female bullet connectors | Blue 6.3 x 0.8 mm |
| 20 | Butt connectors | Blue |
| 20 | Butt connectors | Red |
| 20 | Spade connector | Blue #8 |
| 20 | Ring terminals | Red #6 |
| 1 | End cutting plier, precision | 3603 125 mm |
| 1 | Diagonal cutting plier, precision | 3602 125 mm |
| 1 | Long nose plier, precision | 3605 150 mm |
| 1 | Bent nose plier, precision | 3606 150 mm |
| 1 | Locking plier | 3200 250 mm |
| 10 | Stubby combination wrenches | 2001 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Screwdrivers - slotted screws, precision | 4400 SL 2 - 2.5 - 3mm |
| 2 | Screwdrivers - hex head screws, precision | 4435 H 2 - 2.5mm |
| 3 | Screwdrivers - Phillips® screws, precision | 4410 PH 00 - 0 - 1 |
| 6 | Screwdrivers - Torx® screws, precision | 4431 TX T6 - T7 - T8 - T9 - T10 - T15 |
| 1 | Precision screwdrivers set | 4492 S/13 (13-in-1) |
| 1 | Vernier caliper | 9200 150 mm |
| 13 | Twist impact sockets | 6112 1/2" TW 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 24 - 27 mm |
| 1 | Telescopic inspection mirror | 9006 B Ø 50 mm |
| 1 | Telescopic magnification | 9005 B Ø 55 mm |
| 1 | Magnetic pick-up tool | 9000 AM 3 Kg |
| 1 | Telescopic inspection mirror w/ magnet and scriber | 9004 3-in-1 |
| 1 | Gasket scraper | 8312 160 mm |
| 2 | Hooks, 90° offset and 135° bent | 8330 / 8332 |
| 1 | Hand rivet tool | 9650 2.4 - 5.0 mm |
| 80 | Blind rivets | Ø 2.4 x 5.8 mm - Ø 3.2 x 8.0 mm - Ø 4.0 x 8.0 mm - Ø 4.8 - 8.0 mm |
| 1 | Hand rivet nut tool | 9660 M3 - M6 |
| 80 | Rivet nuts | M3 - M4 - M5 - M6 |
| 5 | Screw extractors | 8492 S/5 3-6, 6-8, 8-11, 11-14, 14-18 mm |



*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | C-Clamp locking plier | 3220 275 mm |
| 1 | Welding grip plier | 3252 225 mm |
| 1 | Sheet metal grip plier | 3250 200 mm |
| 1 | Long plier with long jaws | 3205 150 mm |
| 2 | Tape rules | 9400 3 m - 5 m |
| 1 | Ergonomic hack saw | 9210 300 mm |
| 1 | Utility knife | 9115 B |
| 3 | Rolling head pry bars | 8350 300 - 400 - 500 mm |
| 3 | Heavy duty pry bar | 8352 300 - 450 - 600 mm |
| 3 | Nut splitters | 8494 3-12 - 12-16 - 16-22 mm |
| 1 | Steel rule | 9340 200 mm |

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | 6-point sockets | 5034 3/4" 19 - 21 - 22 - 24 - 27 - 30 - 32 - 33 - 34 - 36 - 38 - 41 - 46 - 50 mm |
| 1 | Ratchet, 48 teeth | 5334 3/4" |
| 1 | Sliding T-handle | 5434 3/4" TH 450 mm |
| 2 | Extensions | 5234 3/4" EX 200 - 400 mm |
| 8 | 6-point impact sockets | 6012 1/2" 13 - 15 - 16 - 17 - 18 - 19 - 22 - 24 mm |
| 8 | Long 6-point impact sockets | 6012 1/2" L 13 - 15 - 16 - 17 - 18 - 19 - 22 - 24 mm |
| 3 | Torsion bars with hex sockets | 6112 1/2" TBS 17 mm x 120 NM, 19 mm x 120 NM, 21 mm x 120 NM |
| 2 | Adjustable wrenches | 2600 150 - 250 mm |
| 40 | Bits - Phillips® screws | 4514 1/4" 20 x PH1 - 20x PH2 |
| 40 | Bits - Pozidriv® screws | 4514 1/4" 20 x PZ1 - 20 x PZ2 |
| 60 | Bits - Torx® screws | 4514 1/4" TX 20 x T15 - 20 x T20 - 20 x T25 |
| 4 | Stud extractor sockets | 8493 1/2" 6 - 8 - 10 - 12 mm |
| 6 | Hexagon oil service sockets | 8630 3/8" H 8 - 9 - 10 - 12 - 14 - 17 mm |
| 6 | Square oil service sockets | 8630 3/8" SQ 7 - 8 - 11 - 13 mm, 5/16" - 3/8" |
| 1 | Female square oil service socket | 8630 FSQ 10 mm |
| 1 | Triangular oil service socket | 8630 TRI |

## 1875 S14 **MEGA 1000+ TOOL SET - 1151 TOOLS**

**ITEM NO. 1875-1151**

5704196 043890 85,8 KG

- Tool set S13 (Item no. 1875-1129) including T-handle screwdriver set (Item no. 1875-1000-12).
- 1151 tools.

MEGA 1000+

+ 22 TOOLS

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | T-handle hex nutspinners | 4142 5 - 5.5 - 6 - 7 - 8 - 10 - 11 - 12 - 13 mm |
| 6 | T-handle hex screwdrivers with ball point | 4108 2.5 - 3 - 4 - 5 - 6 - 8 mm |
| 7 | T-handle Torx® screwdrivers | 4137 T10 - T15 - T20 - T25 - T27 - T30 - T40 |

**POLAR**
STORAGE

# ROLLER CABINETS WITH TOOL ASSORTMENTS

*We have composed a program of toolsets, but you can also combine your own tool assortments – see page 28-61.*

**163 TOOLS**

## TOOL SET S5 *For specific content see page 58.*

## 1192 **EASY LIGHT** WITH **163 TOOLS**

- EASY LIGHT roller cabinet with tool set type 1875 S5.
- 7 drawers (3 with tools).
- 163 tools.

**7 DRAWERS**

| ITEM NO. | 5704196+ | COLOR TROLLEY | MODEL | KG |
|---|---|---|---|---|
| 1192-0163 | 046488 | BLACK | 1192 7LSS5 | 77 |
| 1192-1163 | 046495 | GREY | 1192 7LGS5 | 77 |
| 1192-2163 | 046501 | RED | 1192 7LRS5 | 77 |
| 1192-3163 | 046518 | BLUE | 1192 7LBS5 | 77 |
| 1192-4163 | 046877 | GREEN | 1192 7LTS5 | 77 |

## 1091 **EASY** WITH **163 TOOLS**

- EASY roller cabinet with tool set type 1875 S5.
- 7 or 8 drawers (3 with tools).
- 163 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-0163 | 020396 | 7 | 1091 7ES5 | 79 |
| 1091-8163 | 029436 | 8 | 1091 8ES5 | 80 |

## 1092 **CARGO** WITH **163 TOOLS**

- CARGO roller cabinet with tool set type 1875 S5.
- 11 drawers (3 with tools).
- 163 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1092-0163 | 020433 | 11 | 1092 11CS5 | 141 |

# POLAR
STORAGE

## TOOL SET S1 *For specific content see page 54.*

**350 TOOLS**

## 1192 **EASY LIGHT** WITH **350 TOOLS**

- EASY LIGHT roller cabinet with tool set type 1875 S1.
- 7 drawers (6 with tools).
- 350 tools.

**7 DRAWERS**

| ITEM NO. | 5704196+ | COLOR TROLLEY | MODEL | KG |
|---|---|---|---|---|
| 1192-0350 | 046440 | BLACK | 1192 7LSS1 | 93 |
| 1192-1350 | 046457 | GREY | 1192 7LGS1 | 93 |
| 1192-2350 | 046464 | RED | 1192 7LRS1 | 93 |
| 1192-3350 | 046426 | BLUE | 1192 7LBS1 | 93 |
| 1192-4350 | 046884 | GREEN | 1192 7LTS1 | 93 |

## 1091 **EASY** WITH **350 TOOLS**

- EASY roller cabinet with tool set type 1875 S1.
- 7 or 8 drawers (6 with tools).
- 350 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-0350 | 020402 | 7 | 1091 7ES1 | 95 |
| 1091-8350 | 029443 | 8 | 1091 8ES1 | 96 |

## 1092 **CARGO** WITH **350 TOOLS**

- CARGO roller cabinet with tool set type 1875 S1.
- 11 drawers (6 with tools).
- 350 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1092-0350 | 020440 | 11 | 1092 11CS5 | 157 |

# POLAR
STORAGE

## TOOL SET S1 *For specific content see page 54.*

**350 TOOLS**

## 1091 **X-LARGE** WITH **350 TOOLS**

- X-LARGE roller cabinet with tool set type 1875 S1.
- 7 or 8 drawers (4 with tools).
- 350 tools.

**7 / 8 DRAWERS**

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-1350 | 021799 | 7 | 1091 7XLS1 | 114 |
| 1091-2350 | 021805 | 8 | 1091 8XLS1 | 115 |

## 1094 **XX-LARGE** WITH **350 TOOLS**

- XX-LARGE roller cabinet with tool set type 1875 S1.
- 14 drawers (4 with tools).
- 350 tools.

**14 DRAWERS**

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1094-0350 | 052434 | 14 | 1094 14XXLS1 | 229 |

# POLAR
STORAGE

## TOOL SET S2 *For specific content see page 55.*

**425 TOOLS**

## 1091 **EASY** WITH **425 TOOLS**

- EASY roller cabinet with tool set type 1875 S2.
- 8 drawers (8 with tools).
- 425 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-8425 | 029450 | 8 | 1091 8ES2 | 104,5 |

## 1091 **EASY** AND TOP CHEST WITH **425 TOOLS**

- EASY roller cabinet and top drawer chest with tool set type 1875 S2.
- 10 or 11 drawers (8 with tools).
- 425 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-0425 | 020372 | 10 | 1091 10ES2 | 131,5 |
| 1092-8425 | 029467 | 11 | 1092 11ES2 | 132,5 |

# POLAR
STORAGE

## TOOL SET S7 *For specific content see page 61.*

**447 TOOLS**

## 1091 **X-LARGE** WITH **447 TOOLS**

- X-LARGE roller cabinet with tool set type 1875 S7.
- 7 or 8 drawers (6 with tools).
- 447 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-0447 | 046891 | 7 | 1091 7XLS7 | 127 |
| 1091-1447 | 020389 | 8 | 1091 8XLS7 | 128 |

## 1094 **XX-LARGE** WITH **447 TOOLS**

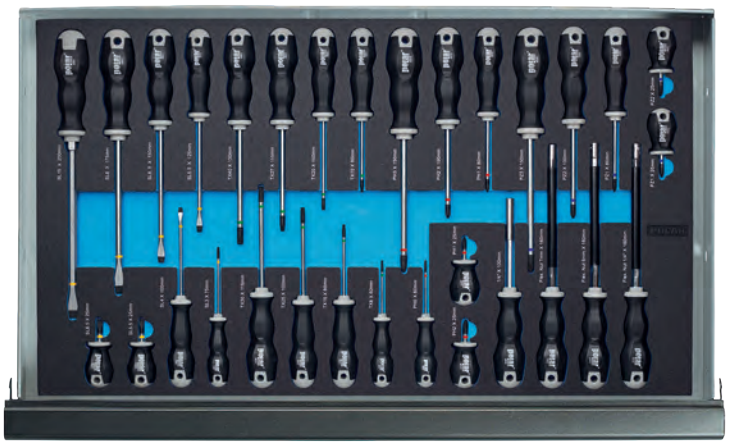
- XX-LARGE roller cabinet with tool set type 1875 S7.
- 14 drawers (6 with tools).
- 447 tools.

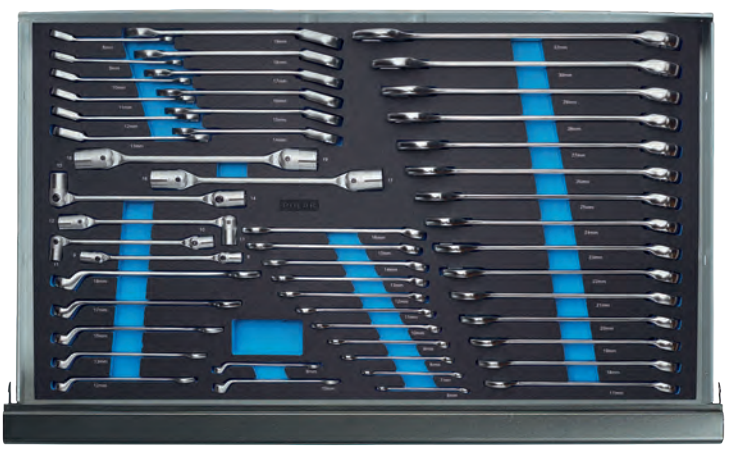
| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1094-0447 | 052458 | 14 | 1094 14XXLS7 | 241 |

# POLAR
STORAGE

## TOOL SET S3 *For specific content see page 56.*

**470 TOOLS**





## 1094 **XX-LARGE** WITH **470 TOOLS**

- XX-LARGE roller cabinet with tool set type 1875 S3.
- 14 drawers (7 with tools).
- 470 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1094-0470 | 052410 | 14 | 1094 14XXLS3 | 247 |

**14 DRAWERS**

**7 / 8 DRAWERS**

## 1091 **X-LARGE** WITH **470 TOOLS**

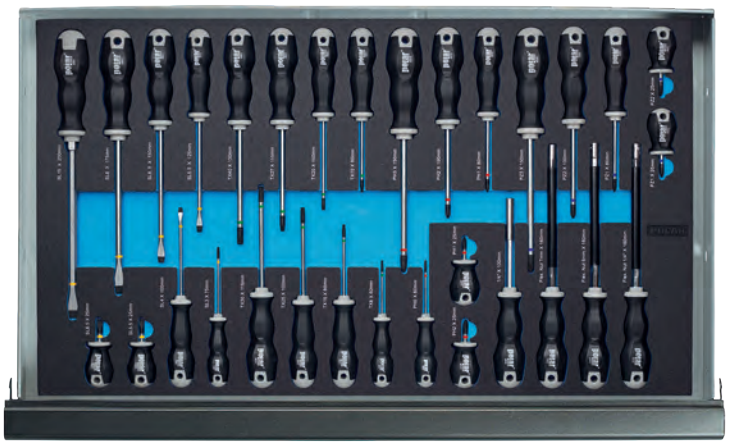
- X-LARGE roller cabinet with tool set type 1875 S3.
- 7 or 8 drawers (7 with tools).
- 470 tools.

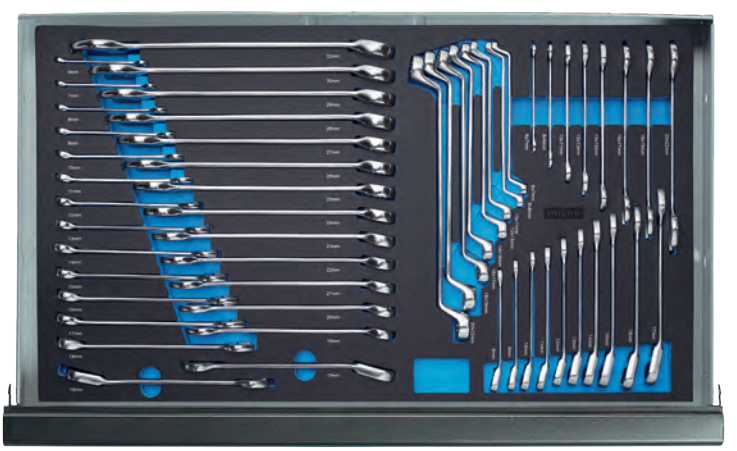
| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-0470 | 015644 | 7 | 1091 7XLS3 | 133 |
| 1091-1470 | 015774 | 8 | 1091 8XLS3 | 134 |

# POLAR
STORAGE

## TOOL SET S6 *For specific content see page 59.*

**473 TOOLS**





# POLAR
STORAGE

## 1091 **X-LARGE** WITH **473 TOOLS**

- X-LARGE roller cabinet with tool set type 1875 S6.
- 7 or 8 drawers (7 with tools).
- 473 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1091-0473 | 018676 | 7 | 1091 7XLS6 | 132,5 |
| 1091-1473 | 018669 | 8 | 1091 8XLS6 | 133,5 |

## 1094 **XX-LARGE** WITH **473 TOOLS**

- XX-LARGE roller cabinet with tool set type 1875 S6.
- 14 drawers (7 with tools).
- 473 tools.

| ITEM NO. | 5704196+ | DRAWERS PCS. | MODEL | KG |
|---|---|---|---|---|
| 1094-0473 | 052427 | 14 | 1094 14XXLS6 | 247 |

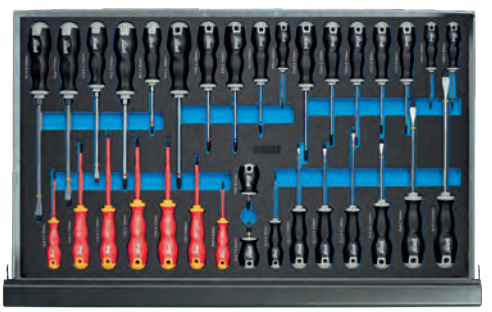
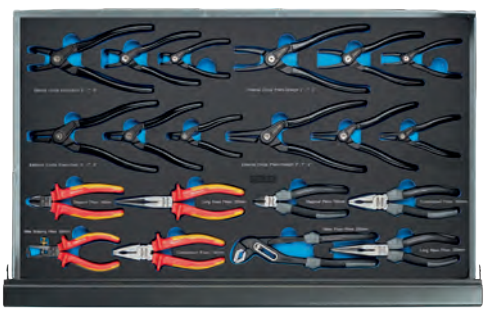
# POLAR
STORAGE

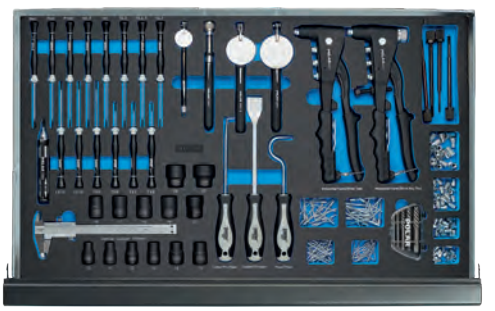
## TOOL SET S13 / S14

*For specific content see page 62-65.*

**1129 TOOLS**

**1151 TOOLS**



*The T-handle screwdriver set is only part of tool set S14.*

## 1094 **XX-LARGE** WITH **1129 / 1151 TOOLS**

- XX-LARGE roller cabinet with tool set type 1875 S13 or S14.
- 14 drawers (11 or 12 with tools).

**14 DRAWERS**

| ITEM NO. | 5704196+ | DRAWERS PCS. | TOOLS PCS. | MODEL | KG |
|---|---|---|---|---|---|
| 1094-1129 | 050614 | 14 | 1129 | 1091 14XXLS13 | 283 |
| 1094-1151 | 050621 | 14 | 1151 | 1091 14XXLS14 | 284 |

## 1091 **MEGA 1000+** WITH **1129 / 1151 TOOLS**

- MEGA roller cabinet with tool set type 1875 S13 or S14.
- 12 drawers (11 or 12 with tools).

**12 DRAWERS**

| ITEM NO. | 5704196+ | DRAWERS PCS. | TOOLS PCS. | MODEL | KG |
|---|---|---|---|---|---|
| 1091-1129 | 042992 | 12 | 1129 | 1091 12MES13 | 216 |
| 1091-1151 | 046983 | 12 | 1151 | 1091 12MES14 | 217,3 |

# WORKBENCH & ACCESSORIES

## 1300 **WORKBENCH, 1500 MM**

**ITEM NO. 1300-1500**

1570 MM | 800-870 MM | 760 MM

41 KG

5704196 013602 **IMPA** CODE 613886

- Heavy duty construction: 1000 kg static load.
- Worktop in 15 mm hard PVC material.
- Adjustable height.
- Surface: Black and grey powder coating.
- Material: 3 mm sheet steel.

## 1340 **TOOL CABINET WITH PERFORATED PANEL**

**ITEM NO. 1340-1500**

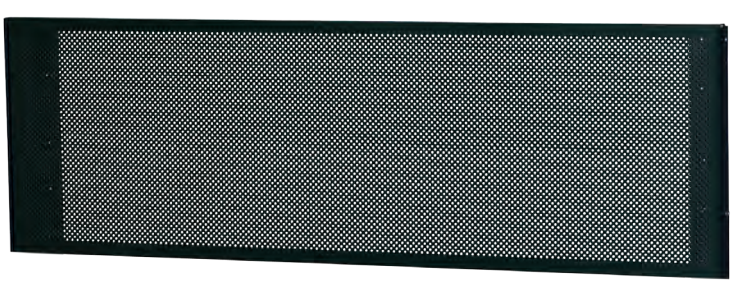
5704196 013619 **H**x**W**x**D** 600 x 1570 x 205 MM 42 KG 1

- Perforated panel with round holes Ø 4 mm
- Surface: Black powder coating.

## 1345 **PERFORATED TOOL PANEL**

**ITEM NO. 1345-1500**

5704196 013626 **H**x**W**x**D** 590 x 1350 x 15 MM 14 KG 1



- Perforated panel with round holes Ø 4 mm
- Surface: Black powder coating.

## 1355 3D **DRAWER CHEST**

**ITEM NO. 1355-0003**

5704196 027654 **HxWxD** 270 x 670 x 430 MM 20 KG 1

- 3 drawers mounted on ball bearing slides.
- All drawers are supplied with oil-proof rubber mats.
- Centralized locking. Drawer loading capacity: 30 kg
- 2 drawers: H 48 x B 570 x D 380 mm
- 1 drawer: H 65 x B 570 x D 380 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1302 **SHELF FOR WORKBENCH**

**ITEM NO. 1302-1500**

5704196 046372 **HxWxD** 2 x 1550 x 490 MM 13,2 KG 1

- Loading capacity: 100 kg
- Surface: Black powder coating.
- Material: 2 mm sheet steel.

## 1000 5D **MINI ROLLER CABINET (EMPTY)**

**ITEM NO. 1000-3005**

5704196 016863 **HxWxD** 780 x 575 (645) x 340 MM 35 KG 1

- Low model which can be stored under the workbench.
- Worktop in hard PVC material, chemical resistent.
- 5 drawers mounted on ball bearing slides.
- All drawers are supplied with oil-proof rubber mats.
- Centralized locking.
- 2 swivelling wheels with brakes.
- 200 kg static load. Drawer loading capacity: 30 kg
- Oil-proof nylon wheels: Ø 100 mm
- 3 drawers: H 65 x W 470 x D 290 mm
- 2 drawers: H 145 x W 470 x D 290 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

## 1092 **MINI ROLLER CABINET** WITH **66 TOOLS**

**ITEM NO. 1092-0066**

5704196 018546 **HxWxD** 780 x 575 (645) x 340 MM 45 KG 1

- MINI roller cabinet with tool set type 1875 S4.

*For specific content see page 57.*

# POLAR
STORAGE

## 1100 WALLMOUNTED CABINET

- Perforated panels with round holes Ø 4 mm
- Surface: Black powder coating.
- Large program in hooks and holders.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1100-0261 | 011783 | 800 | 600 | 240 | 16,5 | 1 |

## 1110 TOOL PANELS

- Perforated panels with round holes Ø 4 mm
- Surface: Black powder coating.
- Large program in hooks and holders.

| ITEM NO. | 5704196+ | H MM | W MM | KG | |
|---|---|---|---|---|---|
| 1110-0305 | 011806 | 475 | 950 | 4 | 1 |
| 1110-0310 | 011813 | 950 | 950 | 8 | 1 |
| 1110-0312 | 011820 | 750 | 1050 | 7 | 1 |
| 1110-0315 | 011837 | 950 | 1450 | 12 | 1 |

## 1110 WALL MOUNTING UNIT

- To be used for tool panel mounting.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 1110-0324 | 011844 | 100 | 90 | 1 |

## 1120 TOOL HOLDERS

- Holder for wrenches and adjustable wrenches etc.

| ITEM NO. | 5704196+ | Ø MM | L MM | G | |
|---|---|---|---|---|---|
| 1120-0702 | 011868 | 5 | 30 | 9 | 1 |
| 1120-0703 | 011875 | 5 | 42 | 10 | 1 |
| 1120-0705 | 010199 | 5 | 100 | 19 | 1 |

## 1120 TOOL HOOKS

- Hook for wrenches and adjustable wrenches etc.

| ITEM NO. | 5704196+ | Ø MM | L MM | G | |
|---|---|---|---|---|---|
| 1120-0704 | 011882 | 5 | 30 | 9 | 1 |
| 1120-0706 | 011905 | 5 | 44 | 12 | 1 |

## 1120 TOOL HOOKS

- Hook for heavy tools.

| ITEM NO. | 5704196+ | Ø MM | L MM | G | |
|---|---|---|---|---|---|
| 1120-0707 | 011912 | 6 | 75 | 52 | 1 |
| 1120-0708 | 011929 | 8 | 140 | 95 | 1 |
| 1120-0709 | 011936 | 8 | 190 | 115 | 1 |
| 1120-0710 | 011943 | 6 | 30 | 43 | 1 |
| 1120-0711 | 011950 | 6 | 100 | 58 | 1 |

## 1120 TOOL PANELS

- Panel for wrenches.

| ITEM NO. | 5704196+ | QTY. | L MM | G | |
|---|---|---|---|---|---|
| 1120-0712 | 011967 | 7 | 155 | 60 | 1 |
| 1120-0714 | 011974 | 10 | 255 | 94 | 1 |

## 1120 UNIVERSAL HOOK

- Universal hook for hammers etc.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 1120-0719 | 011981 | 45 | 16 | 1 |

## 1120 TOOL HOOKS

- Bent hook.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 1120-0721 | 011998 | 35 | 14 | 1 |
| 1120-0722 | 012001 | 45 | 17 | 1 |

## 1120 TOOL HOOK

- Strong bent hook.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 1120-0726 | 012018 | 105 | 62 | 1 |

## 1120 TOOL HOLDERS

- Holder for sockets.

| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 1120-0733 | 012063 | 3/8" | 11 | 1 |
| 1120-0734 | 012070 | 1/2" | 15 | 1 |
| 1120-0735 | 012087 | 3/4" | 29 | 1 |

## 1120 TOOL HOLDER

- Holder for screwdrivers.

| ITEM NO. | 5704196+ | SIZE MM | G | |
|---|---|---|---|---|
| 1120-0736 | 012094 | 5 x 29 mm | 31 | 1 |

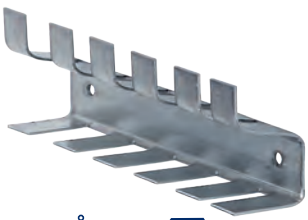
## 1120 TOOL HOOKS

- Double hook for files and hammers etc.

| ITEM NO. | 5704196+ | INT. DIST. MM | G | |
|---|---|---|---|---|
| 1120-0727 | 012025 | 12 | 25 | 1 |
| 1120-0730 | 012032 | 18 | 28 | 1 |
| 1120-0732 | 012056 | 23 | 30 | 1 |

## 1120 TOOL PANEL

- Panel for screwdrivers.



| ITEM NO. | 5704196+ | QTY. | L MM | G | |
|---|---|---|---|---|---|
| 1120-0737 | 012100 | 5 | 150 | 125 | 1 |

## 1120 TOOL HOLDER

- Holder with bottom for punches, chisels, drills, taps, universal joints etc

| ITEM NO. | 5704196+ | EXT. Ø MM | HEIGHT MM | G | |
|---|---|---|---|---|---|
| 1120-0761 | 012278 | 35 | 25 | 52 | 1 |

## 1120 TOOL HOLDERS

- Inclined holder with bottom.

| ITEM NO. | 5704196+ | EXT. Ø MM | HEIGHT MM | G | |
|---|---|---|---|---|---|
| 1120-0753 | 012193 | 19 mm | 50 mm | 42 g | 1 |
| 1120-0759 | 012254 | 25 mm | 75 mm | 63 g | 1 |
| 1120-0754 | 012209 | 19 mm | 75 mm | 49 g | 1 |
| 1120-0764 | 012292 | 35 mm | 75 mm | 107 g | 1 |

## 1120 TOOL HOLDER

- Holder for oilcans, bottles etc.

| ITEM NO. | 5704196+ | EXT. Ø MM | HEIGHT MM | G | |
|---|---|---|---|---|---|
| 1120-0785 | 012407 | 78 | 50 | 122 | 1 |

# POLAR STORAGE

## 1120 TOOL HOLDER

- Holder for airtools etc.

| ITEM NO. | 5704196+ | EXT. Ø MM | HEIGHT MM | G | |
|---|---|---|---|---|---|
| 1120-0787 | 012421 | 104 mm | 50 mm | 146 g | 1 |

## 1120 TOOL HOLDER

- Holder with bottom.

| ITEM NO. | 5704196+ | EXT. Ø MM | HEIGHT MM | G | |
|---|---|---|---|---|---|
| 1120-0790 | 012438 | 78 mm | 15 mm | 140 | 1 |

## 1120 SPRING CLIPS

- Spring clips for various tools.

| ITEM NO. | 5704196+ | Ø MM | G | |
|---|---|---|---|---|
| 1120-0744 | 029470 | 19 | 2 | 1 |
| 1120-0746 | 029719 | 28 | 6 | 1 |
| 1120-0747 | 029726 | 32 | 6 | 1 |
| 1120-0748 | 029733 | 38 | 8 | 1 |

## 1120 TOOL HOLDER

- Holder for spraycans.

| ITEM NO. | 5704196+ | INT. Ø MM | G | |
|---|---|---|---|---|
| 1120-0799 | 012490 | 80 | 95 | 1 |

## 1120 SCREWS

| ITEM NO. | 5704196+ | QTY. | DIMENSION MM | G | |
|---|---|---|---|---|---|
| 1120-0796 | 012469 | 100 | 4,8 x 6,5 | 180 | 1 |

## 1125 ASSORTMENTS WITH HOOKS AND HOLDERS

- Hooks and holders incl. screws.

| ITEM NO. | 5704196+ | QTY. | KG | |
|---|---|---|---|---|
| 1125-0700 | 012476 | 65 | 2,2 | 1 |
| 1125-0702 | 012483 | 100 | 3,0 | 1 |

## 5080 SOCKET RAILS

- Surface: Chrome plated.
- Material: Sheet metal.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 5080-0150 | 039077 | 6" / 150 mm | 18 | 1 |
| 5080-0250 | 039084 | 10" / 250 mm | 30 | 1 |
| 5080-0300 | 047669 | 12" / 300 mm | 48 | 1 |
| 5080-0350 | 047676 | 14" / 350 mm | 54 | 1 |
| 5080-0400 | 039091 | 16" / 400 mm | 56 | 1 |
| 5080-0500 | 039107 | 20" / 500 mm | 94 | 1 |

## 5081 SOCKET CLIPS

- Surface: Chrome plated.
- Material: Sheet metal.

| ITEM NO. | 5704196+ | SIZE | G | QTY. PCS. | |
|---|---|---|---|---|---|
| 5081-0014 | 039114 | 1/4" | 15 | 25 | 1 |
| 5081-0038 | 039121 | 3/8" | 25 | 25 | 1 |
| 5081-0012 | 039138 | 1/2" | 40 | 25 | 1 |
| 5081-0034 | 039145 | 3/4" | 45 | 10 | 1 |

## 1200 **SERVICE CART**

**ITEM NO. 1200-0003**

5704196 013596 **HxWxD** 1040 x 760 (910) x 490 MM 12 KG 1

- Lightweight construction in aluminium.
- Easy maneuverable.
- 3 shelves and handles made of PVC material (W 700 x D 440 mm).
- 4 swivelling wheels - 2 with brakes.
- Shelve loading capacity: 50 kg
- Oil-proof rubber wheels: Ø 100 mm

## 1200 **FOLDING TROLLEY**

**ITEM NO. 1200-0001**

5704196 028262 **HxWxD** 840 x 810 x 500 MM 10,8 KG 1

- Practical trolley for moving heavy things.
- Thickness of platform: 40 mm
- Loading capacity: 300 kg

## 1201 **SERVICE CART**

**ITEM NO. 1201-0002**

5704196 048970 **HxWxD** 720 (870) x 490 x 950 16,5 KG 1

- Lightweight construction in aluminium with 2 shelves and 1 drawer.
- Handles made of PVC material.
- 4 swivelling wheels – 2 with brakes.
- Shelve and drawer loading capacity: 50 kg
- Oil-proof rubber wheels: Ø 100 mm
- 2 shelves: W 670 x D 440 mm
- 1 drawer: W 580 x D 375 x H 80 mm

## 1202 **DOLLY WITH CARRYING HANDLE**

**ITEM NO. 1202-0001**

5704196 030388 **HxWxD** 145 x 665 x 455 MM 5,4 KG 1

- Built-in hand grip for easy transportation.
- 2 swivelling wheels with brakes.
- Thickness of platform: 32 mm
- Loading capacity: 300 kg

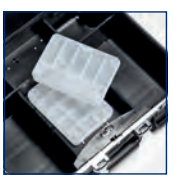
# POLAR
STORAGE

## 1020 **TOOL TROLLEY - LIGHT**

**ITEM NO. 1020-0001**

5704196 030302 **HxWxD** 360 x 440 x 200 MM 5 KG 1

- Wheels and telescopic handle.
- Polypropylen case made with injection molding technique.
- Compact dimensions, high capacity and lightweight.
- Aluminum profile grants further strength.
- Chromed handle.
- Central lock with key.
- 2 side closing.
- Document area.
- Capacity: 20 liter.



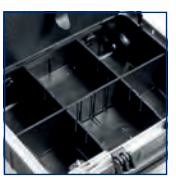
*Also available with tool set - see page 100-103.*

## 1025 **TOOL TROLLEY - EXTREME**

**ITEM NO. 1025-0001**

5704196 030319 **HxWxD** 375 x 475 x 260 MM 6,4 KG 1

- Wheels and telescopic handle.
- Polypropylen case made with injection molding technique.
- Extremely resistant against chemical corrosion, shock, high and low temperature.
- The injection technique ensures constant material thickness, even in the corners.
- 2 metal locks with keys.
- 3 metal hinges for maximum strength.
- Ergonomic handle.
- Rubber coated grip.
- Document area.
- Capacity: 35 liter.



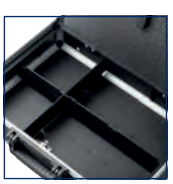
*Also available with tool set - see page 100-103.*

## 1027 **TOOL TROLLEY**

**ITEM NO. 1027-0001**

5704196 054421 **HxWxD** 450 x 320 x 160 MM 3,7 KG 1

- Injection moulded ABS walls. Strong aluminium construction frame.
- Ergonomic soft grip handle. Two metal locks with keys.
- Two special safety hinges. Document area.
- Capacity: 23 liter.



## 1027 **TOOL TROLLEY WITH WHEELS**

**ITEM NO. 1027-0002**

5704196 054438 **HxWxD** 450 x 320 x 160 MM 5,2 KG 1

- Wheels and telescopic handle.
- Injection moulded ABS walls. Strong aluminium construction frame.
- Ergonomic soft grip handle. Two metal locks with keys.
- Two special safety hinges. Document area.
- Capacity: 23 liter.

## 1050 2D **TOOL BOX**

**ITEM NO. 1050-0002**

5704196 016887 **HxWxD** 240 x 495 x 225 MM 7,7 KG 1

- 2 drawers mounted on ball bearing slides (H 75 x W 465 x D 195 mm)
- All drawers are supplied with oil-proof rubber mats.
- Centralized locking. Handles on both sides.
- Drawer loading capacity: 15 kg
- Upper compartment: H 55 x W 440 x D 210 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

*Also available with tool set S4 - see page 96.*

## 1050 3D **TOOL BOX**

**ITEM NO. 1050-0003**

5704196 027647 **HxWxD** 300 x 520 x 225 MM 11,3 KG 1

- 3 drawers mounted on ball bearing slides (H 50 x W 445 x D 215 mm.)
- All drawers are with oil-proof rubber mats.
- Centralized locking. Handle on lid.
- Drawer loading capacity: 15 kg
- Upper compartment: H 55 x W 505 x D 240 mm
- Surface: Black and grey powder coating.
- Material: 1,2 mm sheet steel casing.

*Also available with tool set S10 - see page 97.*

## 1055 5T **CANTILEVER TOOL BOX**

**ITEM NO. 1055-0005**

5704196 024950 **HxWxD** 250 x 515 x 250 MM 5,4 KG 1

- Long cantilever tool box with five compartments.
- Preset for padlock.
- Inside dimensions: Lower compartment 465 x 120 x 215 mm
  4 x compartments 465 x 100 x 55 mm

*Also available with tool set S9 - see page 99.*

# TOOL SETS

*POLAR offers a wide selection of different socket wrench sets and tool sets in sturdy water-resistant plastic cases and strong metal boxes.*

*Our plastic cases include a variety of features:*

- Metal hinges.
- Lockable with padlock.
- Rubber gasket for water resistance.
- Durable construction.

*Our metal boxes include the following:*

- EVA foam.
- Firm handle.
- Metal hinges.
- Strong steel casing.
- Durable construction.

# POLAR
## SOCKET WRENCH SETS AND TOOL SETS

## 5191 A **1/4" AND 3/8" METRIC TOOL SET**

**ITEM NO. 5191-1098**

- Socket wrench set in watertight plastic case with short and long 6-point sockets, bits, combination wrenches, screwdrivers, adjustable wrench, pliers, hammer and accessories.
- The set is supplied with reversible ratchets with locking system.
- 98 tools.

420 MM × 80 MM × 310 MM

6,0 KG

5704196 000664

3

1/4" 3/8"

1/4"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 12 | 6-point sockets | 5038 3/8" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 22 mm |
| 2 | Spark plug sockets | 5038 3/8" SP 18 - 21 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 2 | Extensions | 5238 3/8" EX 125 - 250 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Universal joint | 5838 3/8" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 10 | Bits for Torx® screws | 4514 1/4" TX T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 7 | Bits for hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Bits for square head screws | 4514 1/4" SQ 1 - 2 |
| 1 | Screwdriver for slotted head screws | 4000 5,5 x 125 mm |
| 1 | Screwdriver for Phillips® screws | 4010 PH 2 |
| 1 | Screwdriver for Pozidriv® screws | 4020 PZ 2 |
| 13 | Combination wrenches | 2000 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |
| 1 | Adjustable wrench | 2600 200 mm / 8" |
| 1 | Combination plier | 3001 180 mm |
| 1 | Waterpump plier | 3020 250 mm |
| 1 | Engineers hammer | 8030 300 g |

## 5191 D **1/4" AND 1/2" METRIC SOCKET SET**

**ITEM NO. 5191-0094**

- Socket wrench set in watertight plastic case with short and long 6-point sockets, bits, bits sockets and accessories.
- The set is supplied with reversible ratchets with locking system.
- 94 tools.

**94 TOOLS**

425 MM × 80 MM × 325 MM

6,5 KG

5704196 031651

3

1/4" 1/2"

1/4"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-point sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 8 | Long 6-point sockets | 5014 1/4" L 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 6 | Socket drivers for Torx® screws | 5114 1/4" TX T8 - 10 -15 - 20 - 25 - 30 |
| 3 | Socket drivers for slotted screws | 5114 1/4" 4 - 5.5 - 7 mm |
| 4 | Socket drivers for hex head screws | 5114 1/4" H 3 - 4 - 5 - 6 mm |
| 2 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ 1 -2 |
| 2 | Socket drivers for Phillips® screws | 5114 1/4" PH 1 -2 |
| 2 | Extensions | 5214 1/4" EX 50, 100 mm, |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Flexible extension | 5214 1/4" F 150 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 - 23 - 24 - 27 - 30 - 32 mm |
| 4 | Long 6-point sockets | 5012 1/2" L 14 - 15 - 17 - 19 mm |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 1 | Universal joint | 5812 1/2" U |
| 1 | Screwdriver bit socket | 4712 1/2" |
| 2 | Spark plug sockets | 5012 1/2" SP 16 - 21 mm |
| 1 | Adaptor | 5638 A 3/8"to 1/2" |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 4 | Bits for Torx® screws | 4514 1/4" TX T40 - 45 - 50 - 55 |
| 3 | Bits for slotted screws | 4514 1/4" 8 - 10 -12 mm |
| 4 | Bits for hex head screws | 4514 1/4" H 8 - 10 - 12 -14 mm |
| 2 | Bits for Phillips® screws | 4514 1/4" PH 3 - 4 |
| 2 | Bits for Pozidriv® screws | 4514 1/4" PZ 3 - 4 |
| 1 | Bits adaptor | 4714 1/4" SQ |
| 3 | Hex keys | 4100 1.5 - 2 - 2.5 mm |

# POLAR
## SOCKET WRENCH SETS AND TOOL SETS

## 5191 B **1/4" AND 1/2" METRIC TOOL SET**

**ITEM NO. 5191-0098**

- Socket wrench set in watertight plastic case with short and long 6-point sockets, bits, combination wrenches, double swivel end socket wrenches and accessories.
- The set is supplied with reversible ratchets with locking system.
- 98 tools.

420 MM | 80 MM | 310 MM

7,2 KG

5704196 000640

3

1/4" 1/2"

1/4" 5/16"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 13 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 1 | Flexible handle | 5912 1/2" FH 410 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Universal joint | 5812 1/2" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |

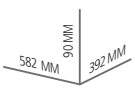
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Screwdriver bit socket | 4712 1/2" x 5/16" |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 1 | Socket adaptor | 4714 1/4" SQ 25 mm |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 10 | Bits for Torx® screws | 4514 1/4" TX T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 4 | Bits for Torx® screws | 4516 5/16" TX T40 - T45 - T50 - T55 |
| 7 | Bits for hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Bits for square head screws | 4514 1/4" SQ 1 - 2 |
| 6 | Combination wrenches | 2000 8 - 10 - 12 - 13 - 14 - 17 mm |
| 4 | Double swivel end socket wrenches | 2400 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 mm |
| 3 | Hexagon keys | 4100 1.5 - 2 - 2.5 mm |

## 5191 C **1/4", 3/8" AND 1/2" METRIC TOOLSET**

**ITEM NO. 5191-0147**

**147 TOOLS**

- Socket wrench set in watertight plastic case with short and long 6-point sockets, bits, combination wrenches, adjustable wrench, double swivel end socket wrenches, pliers, hammer and accessories.
- Supplied with reversible ratchets with locking system.
- 147 tools.




12,6 KG

5704196 000657

1

1/4" 3/8" 1/2"

1/4" 5/16"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-point sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 6 | 6-point sockets | 5038 3/8" 10 - 13 - 16 - 17 - 18 - 19 mm |
| 13 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm |
| 4 | Sockets for Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 |
| 7 | Sockets for Torx® screws | 5038 3/8" NTX E8 - E10 - E11 - E12 - E14 - E16 - E18 |
| 3 | Spark plug sockets | 5038 3/8" SP 16 - 18 - 21 mm |
| 3 | Long thinwalled 6-point sockets | 6012 1/2" LT 17 - 19 - 21 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Extension | 5238 3/8" EX 125 mm |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 1 | Flexible extension | 5214 1/4" F |
| 1 | Flexible handle | 5912 1/2" FH 410 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Sliding T-handle | 5438 3/8" TH |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Universal joint | 5838 3/8" U |
| 1 | Universal joint | 5812 1/2" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Adaptor | 5738 3/8" A |
| 1 | Adaptor | 5712 1/2" A |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 1 | Screwdriver bit socket | 4712 1/2" x 5/16" |
| 1 | Socket adaptor | 4714 1/4" SQ 25 mm |
| 1 | Socket adaptor | 4716 3/8" SQ 25 mm |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 2 | Bits for slotted head screws | 4516 5/16" 10 - 12 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 1 | Bits for Phillips® screws | 4516 5/16" PH 4 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 1 | Bits for Pozidriv® screws | 4516 5/16" PZ 4 |
| 10 | Bits for Torx® screws | 4514 1/4" TX T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 4 | Bits for Torx® screws | 4516 5/16" TX T40 - T45 - T50 - T55 |
| 7 | Bits for hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Bits for hex head screws | 4516 5/16 H 10 - 12 mm |
| 2 | Bits for square head screws | 4514 1/4" SQ 1 - 2 |
| 13 | Combination wrenches | 2000 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |
| 4 | Double swivel end socket wrenches | 2400 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 mm |
| 3 | Metric hexagon keys | 4100 1.5 - 2 - 2.5 mm |
| 1 | Adjustable wrench | 2600 250 mm / 10" |
| 1 | Combination plier | 3001 180 mm |
| 1 | Waterpump plier | 3020 250 mm |
| 1 | Engineers hammer | 8030 300 g |

# POLAR
## SOCKET WRENCH SETS AND TOOL SETS

## 1091 A2 **TOOL BOX WITH TOOL ASSORTMENT**

**ITEM NO. 1091-0066**

5704196 018508 **HxWxD** 240 x 495 x 225 mm 17 KG 1

- Tool box with tool set type 1875 S4.
- 2 drawers mounted on ball bearing slides.
- All drawers are supplied with oil-proff rubber mats.
- Centralized locking.
- 66 tools.

*CONTENT S4 TOOL SET - 66 TOOLS: (TOOLS ARE NOT SUPPLIED IN EVA)*

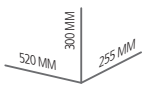
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 6-point sockets | 5012 1/2" 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32 mm |
| 1 | Ratchet, 60 teeth | 5312 1/2" E |
| 2 | Extensions | 5212 1/2" EX 125 - 250 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |
| 4 | Screwdrivers for slotted head screws | 4000 3 x 75 - 4 x 100 - 5,5 x 125 - 6,5 x 150 mm |
| 3 | Screwdrivers for Phillips®screws | 4010 PH 1 - PH 2 - PH 3 |
| 14 | Combination wrenches | 2000 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 mm |
| 1 | Combination plier | 3001 180 mm |
| 1 | Diagonal cutter | 3002 160 mm |
| 1 | Half-round long nose plier | 3005 160 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Waterpump plier | 3020 250 mm |
| 1 | Locking plier | 3202 250 mm |
| 1 | Electricians scissor | 3500 140 mm |
| 9 | Long metric hexagon keys | 4105 BP 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm |
| 1 | Mechanics hammer | 8030 300 g |
| 1 | Taper punch | 8205 3 x 120 mm |
| 1 | Center punch | 8210 2 x 120 mm |
| 1 | Cape chisel | 8215 5 x 130 mm |
| 1 | Flat chisel | 8220 12 x 130 mm |
| 1 | Pin punch | 8200 4 x 150 mm |
| 1 | Hacksaw | 9210 300 mm |

## 1092 3D **TOOL BOX WITH TOOL ASSORTMENT**

**ITEM NO. 1092-0119**

- Tool box with tool set type 1875 S10.
- 3 drawers mounted on ball bearing slides.
- All drawers are supplied with oil-proff rubber mats.
- 119 tools.



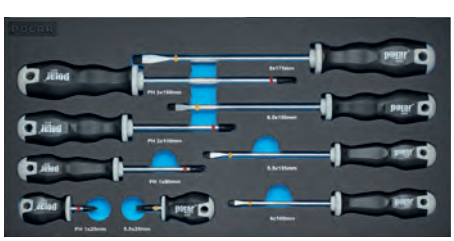

5704196 027678 20 KG

*CONTENT TRAY:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7- 8 - 9 - 10 - 11 - 12 - 13 mm |
| 3 | Long 6-point sockets | 5014 1/4" L 8 - 10 - 13 mm |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Extension | 5214 1/4" EX 50 mm |
| 1 | Ratchet, 60-teeth | 5314 1/4" E |
| 1 | Sliding T-handle | 5414 TH 1/4" |
| 1 | Spinner handle | 5514 1/4" HD |
| 1 | Magnetic bit holding screwdriver | 4043 M 1/4" x 100 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | 6-point sockets | 5012 1/2" 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm |
| 3 | Long 6-point sockets | 5012 1/2" L 17, 19, 21 mm |
| 1 | Universal joint | 5812 1/2" U |
| 3 | Extensions | 5212 1/2" EX 50 - 125 - 150 mm |
| 1 | Ratchet, 60-teeth | 5312 E 1/2" |
| 1 | Bits set with bit holder, 32 tools | 4590 A 1/4" |

*CONTENT DRAWERS:*



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Screwdrivers for Philips® screws | 4010 PH 1 - PH 2 - PH 3 |
| 1 | Stubby screwdriver for Philips® screws | 4013 PH 1 |
| 4 | Screwdrivers for slotted screws | 4000 4 x 100 - 5.5 x 125 - 6.5 x 150 - 8 x 175 mm |
| 1 | Stubby screwdriver for slotted screws | 4003 5.5 x 25 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | Combination wrenches | 2000 8-10-11-12-13-14-15-16-17-18-19 mm |
| 1 | Long metric hexagon key set with ball-point | 4195 LS/9 1.5-2-2.5-3-4-5-6-8-10 mm |
| 1 | Long key set for Torx® Key Set | 4190 LTXS/9 T8-T9 - T10-T15-T20-T25-T27-T30-T40 |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Water pump plier | 3020 250 mm |
| 1 | Half-round long nose plier straight jaw | 3005 200 mm |
| 1 | Combination plier | 3001 180 mm |
| 1 | Heavy-duty diagonal cutter | 3004 180 mm |
| 1 | Mechanic hammer | 8030 300 g |
| 1 | Adjustable wrench | 2600 8"/200 mm |

# POLAR
## SOCKET WRENCH SETS AND TOOL SETS

## 1092 M **TOOL BOX WITH TOOL ASSORTMENT**

**ITEM NO. 1092-0141**

- Tool set in metal box including ratchet, sockets and accessories.
- Magnetic bitholder screwdriver and bits.
- Adjustable wrench, bent nose plier and cutting plier.
- 141 tools.

275 MM × 145 MM × 150 MM

5704196 038902 5,4 KG

**141 TOOLS**

*CONTENT TRAY:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-points sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 8 | Long 6-points sockets | 5014 L 1/4" 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 mm |
| 5 | Sockets for Torx® screws | 5014 NTX 1/4" E4 - E5 - E6 - E7 - E8 |
| 2 | Extension bars | 5214 EX 1/4" 50 - 150 mm |
| 1 | Ratchet, 60 teeth | 5314 E 1/4" |
| 1 | Sliding T-handle | 5414 TH 1/4" |
| 1 | Universal joint | 5814 U 1/4" |
| 1 | Magnetic bit holding screwdriver | 4043 M 1/4" |
| 1 | Socket wrench adaptor | 4714 SQ 1/4" |

*CONTENT DRAWERS:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Bits for slotted head screws | 4514 1/4" 3 - 3.5 - 4.5 - 5 - 5.5 - 6.5 mm |
| 6 | Bits for Phillips® screws | 4514 1/4" PH 0 - 1 - 2 - 2 - 3 - 4 |
| 4 | Bits for Phillips® screws | 4514 ACR 1/4" PH 1 - 2 - 2R - 3 |
| 5 | Bits for Pozidriv® screws | 4514 1/4" PZ 0 - 1 - 2 - 3 - 4 |
| 3 | Bits for Pozidriv® screws | 4514 ACR 1/4" PZ 1 - 2 - 3 |
| 10 | Bits for hex head screws | 4514 H 1/4" 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 mm |
| 14 | Bits for Torx® screws | 4514 TX 1/4" T5 - 6 - 7 - 8 - 9 - 10 - 15 20 - 25 - 27 - 30 - 40 - 45 - 50 |
| 11 | Bits for Tamper Resistant® Torx® screws | 4514 STX 1/4" T6 - 7 - 8 - 9 - 10 - 15 - 20 - 25 - 27 - 30 - 40 |
| 3 | Bits for Clutch G screws | 4514 CG 1/4" 1 - 2 - 3 |
| 5 | Bits for square head screws | 4514 SQ 1/4" 0 - 1 - 2 - 3 - 4 |
| 5 | Bits for Spanner screws | 4514 SN 1/4" 4 - 6 - 8 - 10 - 12 |
| 4 | Bits for XZN® screws | 4514 XZN 1/4" 4 - 5 - 6 - 8 |
| 10 | Bits for hex head bore hole screws | 4514 HB 1/4" 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 mm |
| 6 | Bits for hex head bore hole screws | 4514 HBI 1/4" 1/8 - 3/32 - 5/32 - 5/64 - 7/64 - 9/64" |
| 5 | Bits for Torq-Set® screws | 4514 TS 1/4" 4 - 6 - 8 -10 mm / 1/4" |
| 5 | Bits for Tri-Wing® screws | 4514 TW 1/4" 1 - 2 - 3 - 4 - 5 |
| 1 | Bits for hooks | 4514 HOOK 1/4" |
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Quick release bits holder | 4714 QR 1/4" 50 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Mechanics plier, 45° - Precision | 3606 150 mm |
| 1 | Diagonal cutting plier - Precision | 3602 125 mm |
| 1 | Adjustable wrench | 2600 6" |

## 1093 5T **CANTILEVER TOOL BOX WITH TOOL ASSORTMENT**

**ITEM NO. 1093-0104**

- Tool box with tool set type 1875 S9.
- Preset for padlock.
- 104 tools.

515 MM × 250 MM × 250 MM

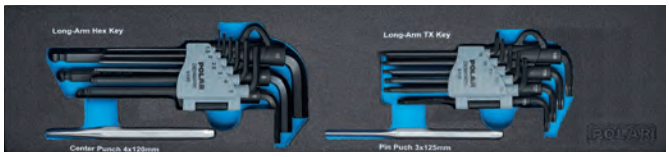
11,9 KG

5704196 027685

*CONTENT TRAYS:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Extension | 5214 1/4" EX 50 mm |
| 1 | Ratchet, 60-teeth | 5314 1/4" E |
| 1 | Water pump plier | 3020 250 mm |
| 1 | Adjustable wrench | 2600 8"/200 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 2 | Screwdrivers for slotted screws | 4000 3 x 75 - 5.5 x 125 |
| 2 | Screwdrivers for Philips® screws | 4010 PH 1 - PH 2 |
| 1 | Magnetic bit holding screwdriver | 4043 M 1/4" x 100 mm |
| 1 | Bits set with bit holder, 32 tools | 4590 A 1/4" |




| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Long key set for Torx® key set | 4190 LTXS/9 T8 -T9 - T10 -T15-T20-T25-T27-T30-T40 |
| 1 | Long metric hexagon key set with ball-point | 4195 LS/9 1.5-2-2.5-3-4-5-6-8-10 mm |
| 1 | Pin punch | 8200 3 mm |
| 1 | Center punch | 8210 4 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Combination wrenches | 2000 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm |
| 1 | Mechanic hammer | 8030 300 g |
| 1 | Combination plier | 3001 180 mm |
| 1 | Half-round long nose plier with straight jaw | 3005 200 mm |
| 1 | Measuring tape | 9400 3 mtr. |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | 6-point sockets | 5012 1/2" 10 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm |
| 1 | Universal joint | 5812 1/2" U |
| 1 | Extension | 5212 1/2" EX 125 mm |
| 1 | Ratchet, 60-teeth | 5312 1/2" E |

# POLAR
## SOCKET WRENCH SETS AND TOOL SETS

### 1095 **LIGHT TOOL TROLLEY WITH TOOL ASSORTMENT**

**ITEM NO. 1095-0083**

5704196 034256 9,8 KG

- Tool trolley LIGHT with tool set type 1875 S11.
- 83 tools.

### 1095 **EXTREME TOOL TROLLEY WITH TOOL ASSORTMENT**

**ITEM NO. 1095-1083**

5704196 034263 11,2 KG

- Tool trolley EXTREME with tool set type 1875 S11.
- 83 tools.

*CONTENT LIGHT AND EXTREME TOOL TROLLEYS*

## 1875 S11 **TOOL SET - 83 TOOLS**

**ITEM NO. 1875-0083**

5704196 034249 4,8 KG

**83 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Insulated water pump plier | 3020 I 250 mm |
| 1 | Electricians scissor | 3500 I 140 mm |
| 1 | Insulated combination plier | 3001 I 180 mm |
| 1 | Insulated diagonal plier | 3002 I 160 mm |
| 1 | Insulated long nose plier | 3005 I 160 mm |
| 1 | Insulated wire stripper | 3009 I 160 mm |
| 1 | Insulated cable cutter | 3010 I 160 mm |
| 4 | Screwdrivers for slotted screws | 4200 2,5x75 - 4x100 - 5,5x125 - 6,5x150 |
| 2 | Screwdrivers for Phillips® screws | 4210 PH1x80 - PH2x100 |
| 2 | Screwdrivers for Pozidriv® screws | 4220 PZ1x80 - PZ2x100 |
| 1 | Voltage tester | 4202 110-250V |
| 1 | Utility knife | 9101 9 mm |
| 1 | Measuring tape | 9400 3 mtr. |
| 1 | Adjustable wrench | 2600 8” |
| 1 | Mechanics hammer | 8030 300 mm |
| 1 | Long metric hexagon key set with ball-point | 4195 LS/9 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm |
| 1 | 1/4” Precision bits and socket wrench set | Item no. 4490-0031 |
| 1 | 1/4” metric socket wrench set | Item no. 5090-1424 |

# POLAR
## SOCKET WRENCH SETS AND TOOL SETS

### 1095 **LIGHT TOOL TROLLEY WITH TOOL ASSORTMENT**

**ITEM NO. 1095-0136**

5704196 034270 13,2 KG

- Tool trolley LIGHT with tool set type 1875 S12.
- 136 tools.

### 1095 **EXTREME TOOL TROLLEY WITH TOOL ASSORTMENT**

**ITEM NO. 1095-1136**

5704196 034287 14,6 KG

- Tool trolley EXTREME with tool set type 1875 S12.
- 136 tools.

*CONTENT LIGHT AND EXTREME TOOL TROLLEYS*

## 1875 S12 **TOOL SET - 136 TOOLS**

**ITEM NO. 1875-0136**

5704196 034232 8,2 KG

**136 TOOLS**

*CONTENT:*

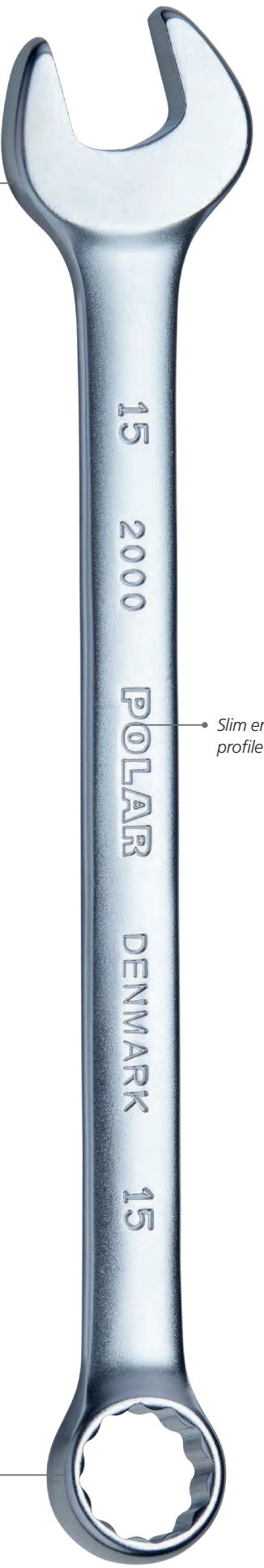
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Combination plier | 3001 180 mm |
| 1 | Box-joint water pump plier | 3020 250 mm |
| 1 | Electricians scissor | 3500 140 mm |
| 1 | Measuring tape | 9400 3 mtr. |
| 1 | Taper punch | 8205 3 x 120 mm |
| 1 | Center punch | 8210 2 x 120 mm |
| 1 | Cape chisel | 8215 5 x 130 mm |
| 1 | Flat chisel | 8220 12 x 130 mm |
| 1 | Pin punch | 8200 4 x 150 mm |
| 1 | Hacksaw Junior | 9210 J 150 mm |
| 1 | Utility knife | 9101 9 mm |
| 1 | Mechanics hammer | 8030 300 mm |
| 4 | Screwdrivers for slotted screws | 4000 3x75 - 4x100 - 5,5x125 - 6,5x150 |
| 3 | Screwdrivers for Phillips® screws | 4010 PH1x80 - PH2x100 - PH3x150 |
| 1 | Voltage tester | 4202 110-250V |
| 1 | Vernier caliper - premium | 9200 0-150 mm / 0-6" |
| 1 | Magnetic pick-up tool | 9000 Capacity 2 kg |
| 1 | Half-round long nose pliers with straight jaws | 3005 200 mm |
| 1 | Diagonal cutter | 3002 160 mm |
| 1 | Long metric hexagon key set with ball-point | 4195 LS/9 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm |
| 1 | Metric combination wrench set | 2090 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |
| 1 | 1/4" Bits set - 56 tools | Item no. 4590-0056 |
| 1 | 1/4" Metric socket wrench set | Item no. 5090-1424 |
| 1 | 3/8" Metric socket wrench set | Item no. 5090-3812 |

**POLAR**
WRENCHES

# WRENCHES

*POLAR Wrenches are manufactured according to international standards, giving you the professional quality known by POLAR products. Our wrenches have a perfect fit and ensures great comfort, giving you a slim design, which facilitates working in confined spaces.*

- Combination wrenches.
- Combination wrenches offset.
- Reversible gear combination wrenches.
- Double open end wrenches.
- Double socket ratchet wrenches.
- Double end offset ring wrenches.
- Flare nut wrenches.
- Double swivel end socket wrenches.
- Swivel gear combination wrenches.
- Adjustable wrenches.




*Polished heads and compact design*

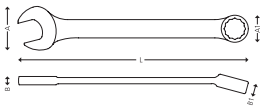
*Slim ergonomic profile*

*Max. torque profile*

## 2000 **METRIC COMBINATION WRENCHES**

ISO 3318, DIN 3113.

- 12-Point ring angled at 15°. Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2000-0155 | 034348 | 5,5 | 15,5 | 10,1 | 4,0 | 4,7 | 105 | 17 | 12 | 610761 |
| 2000-0006 | 000015 | 6 | 15,5 | 10,1 | 4,0 | 4,7 | 105 | 17 | 12 | 610762 |
| 2000-0007 | 000022 | 7 | 17,0 | 11,5 | 4,0 | 5,0 | 115 | 20 | 12 | 610763 |
| 2000-0008 | 000039 | 8 | 19,2 | 12,8 | 4,5 | 5,5 | 125 | 26 | 12 | 610764 |
| 2000-0009 | 000046 | 9 | 21,2 | 14,2 | 4,7 | 5,9 | 135 | 34 | 12 | 610765 |
| 2000-0010 | 000053 | 10 | 23,2 | 15,6 | 5,0 | 6,5 | 145 | 36 | 12 | 610766 |
| 2000-0011 | 000060 | 11 | 25,3 | 16,9 | 5,4 | 6,9 | 155 | 44 | 12 | 610767 |
| 2000-0012 | 000077 | 12 | 27,2 | 18,3 | 5,5 | 7,3 | 165 | 52 | 12 | 610768 |
| 2000-0013 | 000084 | 13 | 29,4 | 19,7 | 5,9 | 7,8 | 175 | 63 | 12 | 610769 |
| 2000-0014 | 000091 | 14 | 31,5 | 21,2 | 6,2 | 8,3 | 185 | 78 | 12 | 610792 |
| 2000-0015 | 000107 | 15 | 33,2 | 22,5 | 6,4 | 8,6 | 195 | 94 | 12 | 610770 |
| 2000-0016 | 000114 | 16 | 34,7 | 24,0 | 6,7 | 8,9 | 205 | 106 | 12 | 610771 |
| 2000-0017 | 000121 | 17 | 36,5 | 25,3 | 6,9 | 9,3 | 215 | 132 | 12 | 610793 |
| 2000-0018 | 000138 | 18 | 38,7 | 26,8 | 7,2 | 9,9 | 225 | 144 | 12 | 610772 |
| 2000-0019 | 000145 | 19 | 40,7 | 28,1 | 7,4 | 10,5 | 235 | 154 | 12 | 610794 |
| 2000-0020 | 000152 | 20 | 43,1 | 29,7 | 7,7 | 10,9 | 245 | 188 | 12 | 610773 |
| 2000-0021 | 000169 | 21 | 44,8 | 31,3 | 8,1 | 11,6 | 255 | 200 | 12 | 610774 |
| 2000-0022 | 000176 | 22 | 46,9 | 32,6 | 8,2 | 11,5 | 265 | 220 | 12 | 610775 |
| 2000-0023 | 000183 | 23 | 48,3 | 34,2 | 8,4 | 11,8 | 275 | 260 | 12 | 610775 |
| 2000-0024 | 000190 | 24 | 50,4 | 35,5 | 8,7 | 12,1 | 285 | 280 | 6 | 610795 |
| 2000-0025 | 000206 | 25 | 52,0 | 36,9 | 8,9 | 12,5 | 295 | 300 | 6 | 610777 |
| 2000-0026 | 000213 | 26 | 53,6 | 38,2 | 9,2 | 12,8 | 305 | 320 | 6 | 610778 |
| 2000-0027 | 000220 | 27 | 55,7 | 39,6 | 9,4 | 13,1 | 315 | 360 | 6 | 610796 |
| 2000-0028 | 000237 | 28 | 57,6 | 40,9 | 9,7 | 13,3 | 325 | 380 | 6 | 610796 |
| 2000-0029 | 000244 | 29 | 59,7 | 42,3 | 9,9 | 13,5 | 335 | 460 | 6 | 610779 |
| 2000-0030 | 000251 | 30 | 61,8 | 43,7 | 10,1 | 13,7 | 345 | 500 | 6 | 610780 |
| 2000-0032 | 000268 | 32 | 65,8 | 46,4 | 10,4 | 14,3 | 365 | 560 | 6 | |
| 2000-0033 | 000275 | 33 | 69,3 | 48,8 | 10,7 | 15,0 | 380 | 680 | 5 | |
| 2000-0034 | 000282 | 34 | 69,2 | 48,8 | 10,7 | 15,0 | 380 | 680 | 5 | 610781 |
| 2000-0035 | 000299 | 35 | 74,0 | 53,0 | 13,5 | 19,2 | 410 | 860 | 5 | 610782 |
| 2000-0036 | 000305 | 36 | 74,0 | 53,0 | 13,5 | 19,2 | 410 | 860 | 5 | |
| 2000-0038 | 000312 | 38 | 77,0 | 56,0 | 15,0 | 20,4 | 430 | 1000 | 5 | 610783 |
| 2000-0041 | 000329 | 41 | 83,5 | 61,5 | 15,5 | 20,5 | 460 | 1260 | 5 | 610786 |
| 2000-0046 | 000336 | 46 | 91,5 | 66,5 | 16,2 | 21,0 | 500 | 1625 | 5 | 610787 |
| 2000-0050 | 000343 | 50 | 102,0 | 73,0 | 18,0 | 24,6 | 540 | 2120 | 5 | 610789 |
| 2000-0055 | 011639 | 55 | 118,0 | 86,0 | 21,0 | 28,0 | 560 | 2950 | 5 | 610791 |
| 2000-0060 | 011646 | 60 | 126,0 | 94,0 | 23,0 | 30,0 | 600 | 3750 | 5 | |
| 2000-0065 | 011653 | 65 | 148,0 | 108,0 | 23,0 | 32,0 | 680 | 5800 | 2 | |
| 2000-0070 | 011660 | 70 | 148,0 | 108,0 | 23,0 | 32,0 | 680 | 5800 | 2 | |
| 2000-0075 | 039770 | 75 | 152,0 | 114,0 | 23,0 | 34,0 | 735 | 6400 | 2 | |
| 2000-0080 | 039787 | 80 | 152,0 | 114,0 | 25,0 | 36,0 | 735 | 6500 | 2 | |

## 2090 **METRIC COMBINATION WRENCH SET - 6 PCS.**

- Supplied in nylon bag.

6 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2090-0006 | 000749 | 6 | 2000 10 - 12 -13 - 14 - 17 - 19 mm | 700 | 24 | 610532 |
| P2090-0006 | 016955 | 1 | Empty pouch for 2090-0006 | 106 | 1 | |

## 2090 A **METRIC COMBINATION WRENCH SET - 12 PCS.**

- Supplied in nylon bag.

12 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2090-0012 | 009933 | 12 | 2000 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm | 1258 | 10 | 610533 |
| P2090-0012 | 016962 | 1 | Empty pouch for 2090-0012 | 164 | 1 | |

# POLAR
# WRENCHES

## 2090 **METRIC COMBINATION WRENCH SET - 26 PCS.**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2090-0026 | 000756 | 26 | 20006-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm | 1742 | 3 | 610538 |
| P2090-0026 | 016979 | 1 | Empty pouch for 2090-0026 | 506 | 1 | |

## 2090 B **METRIC COMBINATION WRENCH SET - 12 PCS.**

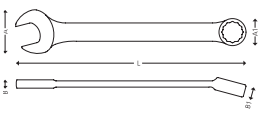
- Supplied in plastic holder.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2090-0112 | 019529 | 12 | 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm | 1236 | 10 |

## 2000 I **INCH COMBINATION WRENCHES**

ISO 3318, DIN 3113

- 12-Point ring angled at 15°. Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2000-1008 | 000350 | 1/4" | 15,5 | 10,1 | 4,0 | 4,7 | 105 | 17 | 12 | 610801 |
| 2000-1010 | 000367 | 5/16" | 19,2 | 12,8 | 4,5 | 5,5 | 125 | 26 | 12 | 610802 |
| 2000-1012 | 000374 | 3/8" | 23,2 | 15,6 | 5,0 | 6,5 | 145 | 36 | 12 | 610803 |
| 2000-1014 | 000381 | 7/16" | 25,3 | 16,9 | 5,4 | 6,9 | 155 | 44 | 12 | 610804 |
| 2000-1016 | 000398 | 1/2" | 29,4 | 19,7 | 5,9 | 7,8 | 175 | 63 | 12 | 610805 |
| 2000-1018 | 000404 | 9/16" | 31,5 | 21,2 | 6,2 | 8,3 | 185 | 78 | 12 | 610806 |
| 2000-1020 | 000411 | 5/8" | 34,7 | 24,0 | 6,7 | 8,9 | 205 | 106 | 12 | 610807 |
| 2000-1022 | 000428 | 11/16" | 36,5 | 25,3 | 6,9 | 9,3 | 215 | 132 | 12 | 610808 |
| 2000-1024 | 000435 | 3/4" | 40,7 | 28,1 | 7,4 | 10,5 | 235 | 154 | 12 | 610809 |
| 2000-1026 | 000442 | 13/16" | 44,8 | 31,3 | 8,0 | 11,3 | 255 | 200 | 12 | 610810 |
| 2000-1028 | 000459 | 7/8" | 46,9 | 32,6 | 8,2 | 11,5 | 265 | 220 | 12 | 610811 |
| 2000-1030 | 000466 | 15/16" | 50,4 | 35,5 | 8,7 | 12,1 | 285 | 280 | 6 | 610812 |
| 2000-1032 | 000473 | 1" | 52,0 | 36,9 | 8,9 | 12,5 | 295 | 300 | 6 | 610813 |
| 2000-1034 | 000480 | 1 1/16" | 55,7 | 39,6 | 9,4 | 13,1 | 315 | 360 | 6 | 610814 |
| 2000-1036 | 000497 | 1 1/8" | 59,7 | 42,3 | 9,9 | 13,5 | 335 | 460 | 6 | 610815 |
| 2000-1040 | 000503 | 1 1/4" | 65,8 | 46,4 | 10,4 | 14,3 | 365 | 560 | 6 | 610816 |

## 2090 **INCH COMBINATION WRENCH SET - 12 PCS.**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE " | G | |
|---|---|---|---|---|---|
| 2090-1012 | 000763 | 12 | 2000 I 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 1" | 1569 | 10 |
| P2090-1012 | 016986 | 1 | Empty pouch for 2090-1012 | 245 | 1 |

## 2001 STUBBY METRIC COMBINATION WRENCHES

ISO 3318, DIN 3113

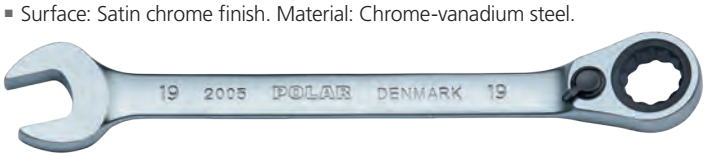
- 12-Point ring angled at 15°. Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 2001-0010 | 045542 | 10 | 21,1 | 15,0 | 6,0 | 7,8 | 96 | 32 | 12 |
| 2001-0011 | 045559 | 11 | 23,5 | 17,2 | 6,5 | 7,8 | 100 | 40 | 12 |
| 2001-0012 | 045566 | 12 | 25,2 | 18,2 | 7,0 | 8,3 | 104 | 50 | 12 |
| 2001-0013 | 045573 | 13 | 26,2 | 19,5 | 7,0 | 8,9 | 108 | 50 | 12 |
| 2001-0014 | 045580 | 14 | 29,5 | 21,9 | 7,3 | 8,9 | 114 | 70 | 12 |
| 2001-0015 | 045597 | 15 | 31,3 | 22,8 | 7,5 | 10,0 | 117 | 76 | 12 |
| 2001-0016 | 045603 | 16 | 33,3 | 24,0 | 8,5 | 10,5 | 122 | 84 | 12 |
| 2001-0017 | 045610 | 17 | 35,9 | 25,3 | 8,2 | 11,0 | 128 | 102 | 12 |
| 2001-0018 | 045627 | 18 | 37,6 | 26,5 | 8,5 | 11,0 | 131 | 112 | 12 |
| 2001-0019 | 045634 | 19 | 39,5 | 27,5 | 8,9 | 11,5 | 137 | 122 | 12 |

## 2005 REVERSIBLE METRIC GEAR COMBINATION WRENCHES

ISO 1711-1, ISO 7738

- Reversible model with 72 teeth and a working angle of 5°.
- 12-Point ring angled at 15°. Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2005-0006 | 037141 | 6 | 15,1 | 16,0 | 5,4 | 7,4 | 125 | 33 | 6 | |
| 2005-0007 | 037158 | 7 | 17,0 | 17,9 | 4,7 | 7,4 | 139 | 40 | 8 | |
| 2005-0008 | 013343 | 8 | 16,4 | 16,7 | 5,5 | 7,6 | 139 | 37 | 7 | 610831 |
| 2005-0009 | 013350 | 9 | 19,1 | 19,3 | 5,2 | 7,4 | 149 | 46 | 7 | 610832 |
| 2005-0010 | 013367 | 10 | 20,8 | 21,4 | 5,4 | 7,5 | 160 | 60 | 9 | 610833 |
| 2005-0011 | 013374 | 11 | 23,2 | 22,0 | 5,9 | 7,8 | 164 | 68 | 9 | 610834 |
| 2005-0012 | 013381 | 12 | 25,5 | 23,3 | 6,4 | 8,5 | 170 | 82 | 8 | 610835 |
| 2005-0013 | 013398 | 13 | 27,2 | 25,8 | 6,5 | 9,8 | 178 | 99 | 8 | 610836 |
| 2005-0014 | 013404 | 14 | 29,8 | 27,7 | 7,2 | 9,6 | 188 | 119 | 8 | 610837 |
| 2005-0015 | 013411 | 15 | 31,5 | 29,2 | 7,2 | 9,6 | 199 | 136 | 8 | 610838 |
| 2005-0016 | 013428 | 16 | 33,8 | 30,2 | 7,3 | 10,2 | 207 | 151 | 7 | |
| 2005-0017 | 013435 | 17 | 35,3 | 33,2 | 8,3 | 10,2 | 223 | 186 | 8 | 610839 |
| 2005-0018 | 013442 | 18 | 33,4 | 33,9 | 8,6 | 10,8 | 234 | 220 | 8 | |
| 2005-0019 | 013459 | 19 | 39,8 | 34,7 | 8,8 | 11,4 | 244 | 241 | 7 | 610840 |
| 2005-0020 | 013466 | 20 | 43,8 | 38,6 | 9,4 | 12,8 | 273 | 322 | 5 | |
| 2005-0021 | 013473 | 21 | 43,6 | 37,6 | 9,5 | 12,5 | 274 | 313 | 5 | |
| 2005-0022 | 013480 | 22 | 44,8 | 40,8 | 9,9 | 13,5 | 286 | 378 | 5 | |
| 2005-0023 | 013497 | 23 | 44,3 | 40,5 | 9,5 | 13,7 | 285 | 364 | 5 | |
| 2005-0024 | 013503 | 24 | 44,1 | 40,7 | 9,8 | 13,6 | 322 | 364 | 5 | |
| 2005-0027 | 029559 | 27 | 55,5 | 49,0 | 10,0 | 16,0 | 355 | 658 | 5 | |
| 2005-0030 | 029566 | 30 | 61,5 | 54,5 | 11,0 | 17,0 | 385 | 818 | 5 | |
| 2005-0032 | 029573 | 32 | 67,0 | 58,0 | 11,0 | 17,0 | 415 | 948 | 4 | |

## 2095 REVERSIBLE GEAR COMBINATION WRENCH SET - 12 PCS.

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2095-0012 | 013206 | 12 | 2005 8-9-10-11-12-13-14-15-16-17-18-19 mm | 1630 | 10 |
| P2095-0012 | 016993 | 1 | Empty pouch for 2095-0012 | 195 | 1 |

## 2095 A/3 ADAPTOR SET FOR GEAR WRENCHES

- The set includes 3 adaptors for 1/4", 3/8" and 1/2" square.
- Socket retaining system with quick release button.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | QTY. | SIZE INCH/MM | G | |
|---|---|---|---|---|---|
| 2095-0003 | 015651 | 3 | 1/4" / 10 mm - 3/8" / 13 mm - 1/2" / 19 mm | 98 | 10 |

## 2070 DOUBLE SOCKET RATCHET WRENCHES

- Reversible model with 32 teeth and double 12-point metric socket.
- Surface: Phosphatised finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | MAX. TORQUE NM | B x B1 MM | C x C1 MM | H MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2070-1317 | 019130 | 13 x 17 | 137 - 157 | 18 x 23 | 8 x 8 | 45 | 280 | 285 | 2 | 611055 |
| 2070-1618 | 037950 | 16 x 18 | 510 - 589 | 23 x 26 | 16 x 16 | 49 | 315 | 462 | 2 | 611059 |
| 2070-1719 | 037479 | 17 x 19 | 510 - 589 | 26 x 26 | 15 x 15 | 50 | 315 | 460 | 2 | 611060 |
| 2070-1922 | 022932 | 19 x 22 | 510 - 589 | 26 x 29 | 16 x 16 | 50 | 315 | 460 | 2 | 611068 |
| 2070-1924 | 019147 | 19 x 24 | 510 - 589 | 26 x 32 | 16 x 16 | 56 | 315 | 785 | 2 | |
| 2070-2430 | 037486 | 24 x 30 | 1570 - 1669 | 35 x 40 | 18 x 18 | 63 | 450 | 1325 | 2 | |
| 2070-2730 | 019154 | 27 x 30 | 1570 - 1669 | 37 x 40 | 18 x 18 | 63 | 450 | 1325 | 2 | |
| 2070-3236 | 019161 | 32 x 36 | 1570 - 1669 | 43 x 49 | 21 x 21 | 63 | 450 | 1325 | 2 | |

# POLAR
# WRENCHES

## 2010 METRIC DOUBLE OPEN END WRENCHES

ISO 10102, DIN 3110.

- Open end angled at 15°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 2010-0607 | 017921 | 6 x 7 | 15,5 | 18,0 | 3,7 | 123 | 19 | 12 | 610552 |
| 2010-0809 | 017938 | 8 x 9 | 20,4 | 22,7 | 4,5 | 140 | 34 | 12 | 610555 |
| 2010-1011 | 017945 | 10 x 11 | 24,9 | 27,1 | 5,7 | 156 | 61 | 12 | 610559 |
| 2010-1012 | 032610 | 10 x 12 | 24,9 | 27,1 | 4,8 | 156 | 60 | 12 | 610560 |
| 2010-1013 | 017952 | 10 x 13 | 24,9 | 31,2 | 5,5 | 172 | 74 | 12 | 610561 |
| 2010-1213 | 017969 | 12 x 13 | 29,2 | 31,3 | 5,5 | 172 | 72 | 12 | 610549 |
| 2010-1317 | 017983 | 13 x 17 | 31,3 | 38,9 | 6,5 | 195 | 109 | 12 | 610566 |
| 2010-1415 | 017976 | 14 x 15 | 33,3 | 35,3 | 7,6 | 190 | 107 | 12 | 610550 |
| 2010-1417 | 032627 | 14 x 17 | 33,3 | 38,9 | 6,1 | 195 | 115 | 12 | 610567 |
| 2010-1617 | 017990 | 16 x 17 | 37,1 | 38,9 | 7,1 | 204 | 135 | 12 | |
| 2010-1719 | 018003 | 17 x 19 | 40,9 | 42,8 | 7,1 | 221 | 156 | 12 | 610568 |
| 2010-1819 | 018010 | 18 x 19 | 40,9 | 42,8 | 7,2 | 221 | 158 | 12 | |
| 2010-1922 | 018027 | 19 x 22 | 44,8 | 48,8 | 7,6 | 237 | 207 | 12 | 610571 |
| 2010-2022 | 018034 | 20 x 22 | 44,8 | 48,8 | 7,5 | 237 | 205 | 12 | |
| 2010-2123 | 018041 | 21 x 23 | 46,8 | 50,8 | 8,1 | 247 | 232 | 12 | 610573 |
| 2010-2224 | 018058 | 22 x 24 | 46,8 | 50,8 | 8,7 | 247 | 249 | 12 | 610575 |
| 2010-2426 | 018065 | 24 x 26 | 50,8 | 56,8 | 8,3 | 255 | 286 | 10 | |
| 2010-2427 | 018072 | 24 x 27 | 52,8 | 59,1 | 8,4 | 263 | 282 | 10 | 610577 |
| 2010-2528 | 018089 | 25 x 28 | 54,8 | 61,3 | 9,2 | 279 | 381 | 5 | |
| 2010-2729 | 018096 | 27 x 29 | 56,8 | 62,3 | 8,7 | 283 | 382 | 5 | |
| 2010-3032 | 018102 | 30 x 32 | 65,4 | 69,8 | 9,8 | 298 | 460 | 6 | 610583 |
| 2010-3236 | 018119 | 32 x 36 | 69,8 | 76,0 | 10,5 | 350 | 600 | 6 | 610585 |
| 2010-3436 | 018126 | 34 x 36 | 69,8 | 76,0 | 10,5 | 350 | 600 | 6 | |
| 2010-3641 | 018133 | 36 x 41 | 76,0 | 87,0 | 12,0 | 380 | 920 | 6 | 610588 |
| 2010-4146 | 018140 | 41 x 46 | 86,0 | 95,0 | 15,0 | 415 | 1300 | 5 | 610589 |
| 2010-4650 | 018157 | 46 x 50 | 95,0 | 104,0 | 16,0 | 465 | 1900 | 5 | 610591 |

## 2091 METRIC DOUBLE OPEN END WRENCH SET - 8 PCS.

- Supplied in nylon bag.

8 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2091-0008 | 018164 | 8 | 2010 6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22 mm | 925 | 1 | 610501 |
| P2091-0008 | 020464 | 1 | Empty pouch for 2091-0008 | 135 | 1 | |

## 2091 METRIC DOUBLE OPEN END WRENCH SET - 12 PCS.

- Supplied in nylon bag.

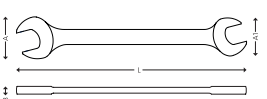
12 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2091-0012 | 018171 | 12 | 2010 6x7-8x9-10x11x12x13-14x15-16x17-18x19 - 20 x 22 - 21 x 23 - 24 x 27 - 25 x 28 - 30 x 32 mm | 2510 | 1 | 610504 |
| P2091-0012 | 020013 | 1 | Empty pouch for 2091-0012 | 270 | 1 | |

## 2015 SUPER THIN OPEN END WRENCHES

ISO 3318, ISO 691.

- Open end angled at 15°.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 2015-0607 | 050683 | 6 x 7 | 16,6 | 19,6 | 2,2 | 148 | 11 | 1 |
| 2015-0809 | 050690 | 8 x 9 | 20,5 | 24,5 | 2,6 | 175 | 39 | 1 |
| 2015-1011 | 050706 | 10 x 11 | 20,5 | 24,5 | 2,6 | 175 | 39 | 1 |
| 2015-1213 | 050713 | 12 x 13 | 29,0 | 33,5 | 3,6 | 210 | 82 | 1 |
| 2015-1415 | 050720 | 14 x 15 | 29,0 | 33,5 | 3,6 | 210 | 82 | 1 |
| 2015-1617 | 050737 | 16 x 17 | 38,0 | 42,5 | 4,6 | 250 | 166 | 1 |
| 2015-1819 | 050744 | 18 x 19 | 38,0 | 42,5 | 4,6 | 250 | 166 | 1 |
| 2015-2022 | 050751 | 20 x 22 | 48,0 | 52,0 | 5,6 | 292 | 289 | 1 |
| 2015-2123 | 050768 | 21 x 23 | 48,0 | 52,0 | 5,6 | 292 | 289 | 1 |
| 2015-2224 | 050775 | 22 x 24 | 48,0 | 52,0 | 5,6 | 292 | 289 | 1 |

# POLAR
WRENCHES

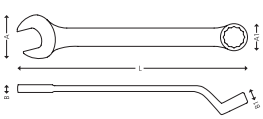
## 2015 SUPER THIN OPEN END WRENCH SET - 10 PCS.

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | KG | |
|---|---|---|---|---|---|
| 2015-9010 | 050782 | 10 | 2015 6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22 - 21 x 23 - 22 x 24 mm | 1,5 | 1 |

## 2100 METRIC COMBINATION WRENCHES OFFSET

- 12-Point ring angled at 70°.
- Open end angled at 15°.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

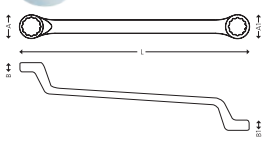


| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 2100-0006 | 005874 | 6 | 15,2 | 10,3 | 3,9 | 5,1 | 102 | 16 | 12 |
| 2100-0007 | 005881 | 7 | 17,3 | 11,5 | 4,1 | 6,3 | 112 | 20 | 12 |
| 2100-0008 | 005898 | 8 | 19,2 | 13,1 | 4,3 | 6,6 | 122 | 25 | 12 |
| 2100-0009 | 005904 | 9 | 21,1 | 14,0 | 4,8 | 7,3 | 131 | 33 | 12 |
| 2100-0010 | 005911 | 10 | 23,1 | 15,7 | 4,8 | 8,2 | 140 | 41 | 12 |
| 2100-0011 | 005928 | 11 | 25,0 | 17,0 | 5,3 | 8,4 | 150 | 50 | 12 |
| 2100-0012 | 005935 | 12 | 26,4 | 18,7 | 5,4 | 9,0 | 160 | 58 | 12 |
| 2100-0013 | 005942 | 13 | 29,2 | 21,1 | 5,5 | 9,5 | 170 | 74 | 6 |
| 2100-0014 | 005959 | 14 | 31,4 | 21,6 | 5,8 | 9,7 | 180 | 88 | 6 |
| 2100-0015 | 005966 | 15 | 33,1 | 22,9 | 6,2 | 9,7 | 190 | 103 | 6 |
| 2100-0016 | 005973 | 16 | 34,8 | 24,3 | 6,0 | 10,5 | 200 | 116 | 6 |
| 2100-0017 | 005980 | 17 | 36,3 | 25,2 | 6,5 | 11,5 | 210 | 135 | 6 |
| 2100-0018 | 005997 | 18 | 38,7 | 27,3 | 6,7 | 13,0 | 220 | 155 | 6 |
| 2100-0019 | 006000 | 19 | 40,4 | 28,3 | 7,2 | 13,4 | 230 | 184 | 6 |
| 2100-0021 | 006017 | 21 | 46,6 | 30,8 | 7,8 | 14,8 | 260 | 247 | 6 |
| 2100-0022 | 006024 | 22 | 46,6 | 30,8 | 7,8 | 14,8 | 260 | 247 | 6 |
| 2100-0024 | 006031 | 24 | 50,4 | 34,4 | 8,3 | 15,2 | 280 | 311 | 6 |
| 2100-0027 | 006048 | 27 | 55,3 | 38,4 | 8,5 | 16,2 | 310 | 390 | 6 |
| 2100-0030 | 006055 | 30 | 61,0 | 41,7 | 9,2 | 18,2 | 340 | 500 | 6 |
| 2100-0032 | 006062 | 32 | 65,5 | 44,5 | 10,1 | 19,5 | 360 | 621 | 6 |

## 2110 METRIC DOUBLE END OFFSET RING WRENCHES

ISO 10104, DIN 838.

- 12-Point ring angled at 70°.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 2110-0607 | 018225 | 6 x 7 | 10,7 | 12,2 | 6,0 | 6,5 | 168 | 45 | 12 | 610726 |
| 2110-0809 | 018232 | 8 x 9 | 13,6 | 15,1 | 7,0 | 7,5 | 183 | 60 | 12 | 610727 |
| 2110-0810 | 018249 | 8 x 10 | 13,6 | 15,1 | 7,0 | 7,5 | 183 | 60 | 12 | 610728 |
| 2110-1011 | 018256 | 10 x 11 | 16,6 | 18,0 | 8,0 | 9,0 | 198 | 90 | 12 | 610729 |
| 2110-1012 | 032634 | 10 x 12 | 16,6 | 18,0 | 8,0 | 9,0 | 217 | 90 | 12 | 610724 |
| 2110-1213 | 018263 | 12 x 13 | 19,5 | 20,9 | 9,0 | 9,5 | 217 | 118 | 12 | 610725 |
| 2110-1415 | 018270 | 14 x 15 | 22,4 | 23,7 | 10,0 | 10,5 | 239 | 160 | 12 | |
| 2110-1417 | 032641 | 14 x 17 | 22,4 | 26,7 | 10,0 | 11,3 | 195 | 160 | 6 | 610736 |
| 2110-1617 | 018287 | 16 x 17 | 25,3 | 26,7 | 11,0 | 11,3 | 260 | 185 | 6 | |
| 2110-1719 | 018294 | 17 x 19 | 28,2 | 29,7 | 11,6 | 11,9 | 292 | 210 | 6 | 610739 |
| 2110-1819 | 018300 | 18 x 19 | 28,2 | 29,7 | 11,6 | 11,9 | 292 | 210 | 6 | |
| 2110-1921 | 032658 | 19 x 21 | 31,1 | 34,0 | 12,2 | 12,9 | 296 | 320 | 6 | 610741 |
| 2110-1922 | 018317 | 19 x 22 | 31,1 | 34,0 | 12,2 | 12,9 | 318 | 320 | 6 | 610743 |
| 2110-2022 | 018324 | 20 x 22 | 31,1 | 34,0 | 12,2 | 12,9 | 318 | 320 | 6 | |
| 2110-2123 | 018331 | 21 x 23 | 34,0 | 36,9 | 12,5 | 13,2 | 330 | 390 | 6 | 610745 |
| 2110-2224 | 018348 | 22 x 24 | 34,0 | 36,9 | 12,5 | 13,2 | 330 | 390 | 6 | |
| 2110-2426 | 018355 | 24 x 26 | 36,9 | 41,4 | 13,5 | 14,4 | 345 | 500 | 6 | 610751 |
| 2110-2427 | 018362 | 24 x 27 | 36,9 | 41,4 | 13,5 | 14,4 | 345 | 500 | 6 | 610755 |
| 2110-2528 | 018379 | 25 x 28 | 40,4 | 43,8 | 13,8 | 14,7 | 355 | 520 | 6 | |
| 2110-3032 | 018386 | 30 x 32 | 45,5 | 48,5 | 15,4 | 16,0 | 370 | 670 | 5 | |
| 2110-3641 | 018393 | 36 x 41 | 53,7 | 61,7 | 18,0 | 20,0 | 451 | 1156 | 4 | |
| 2110-4650 | 018409 | 46 x 50 | 70,5 | 76,3 | 20,5 | 21,5 | 526 | 1938 | 2 | |

## 2195 METRIC DOUBLE END OFFSET RING WRENCH SET - 8 PCS.

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2195-0008 | 018416 | 8 | 2110 6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22 mm | 1410 | 12 |
| P2195-0008 | 027098 | 1 | Empty pouch for 2195-0008 | 183 | 1 |

# POLAR
WRENCHES

## 2195 METRIC DOUBLE END OFFSET RING WRENCH SET - 12 PCS.

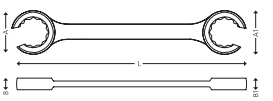
- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 2195-0012 | 018423 | 12 | 2110 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm | 3650 | 4 | 610521 |
| P2195-0012 | 020020 | 1 | Empty pouch for 2195-0012 | 343 | 1 | |

## 2200 METRIC FLARE NUT WRENCHES

DIN 3118.

- Open ring angled at 15°. Head angled at 15°.
- Hexagonal profile up to size 12x14 mm and bihexagonal profile for larger sizes.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

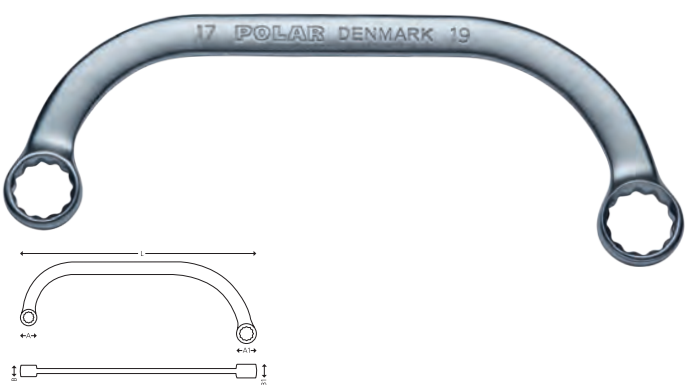


| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 2200-0810 | 017242 | 8 x 10 | 18,4 | 20,8 | 7,0 | 8,5 | 145 | 47 | 12 |
| 2200-0911 | 017259 | 9 x 11 | 20,8 | 22,6 | 8,5 | 9,0 | 152 | 60 | 12 |
| 2200-1113 | 017266 | 11 x 13 | 22,6 | 25,0 | 9,0 | 10,5 | 165 | 78 | 12 |
| 2200-1214 | 017273 | 12 x 14 | 25,0 | 27,4 | 9,5 | 11,0 | 178 | 120 | 6 |
| 2200-1719 | 017280 | 17 x 19 | 30,0 | 32,5 | 12,0 | 14,0 | 210 | 180 | 6 |
| 2200-1922 | 017297 | 19 x 22 | 32,5 | 38,0 | 14,0 | 16,0 | 233 | 240 | 6 |
| 2200-2224 | 017303 | 22 x 24 | 38,0 | 41,0 | 16,0 | 17,0 | 252 | 300 | 6 |
| 2200-2427 | 017310 | 24 x 27 | 41,0 | 45,0 | 17,0 | 18,0 | 265 | 350 | 6 |
| 2200-3032 | 017327 | 30 x 32 | 48,5 | 51,0 | 21,0 | 23,0 | 285 | 470 | 6 |
| 2200-3641 | 017334 | 36 x 41 | 58,0 | 65,0 | 25,0 | 27,0 | 350 | 820 | 6 |

## 2120 DOUBLE END STARTER RING WRENCH

ISO 3318, ISO 691.

- 12-Point ring.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 2120-1012 | 6047126 | 10 x 12 | 16 | 18 | 7 | 7 | 141 | 54 | 5 |
| 2120-1113 | 047133 | 11 x 13 | 18 | 21 | 8 | 8 | 165 | 98 | 5 |
| 2120-1214 | 047140 | 12 x 14 | 18 | 21 | 8 | 8 | 165 | 104 | 5 |
| 2120-1315 | 047157 | 13 x 15 | 22 | 25 | 8 | 9 | 190 | 138 | 5 |
| 2120-1417 | 047164 | 14 x 17 | 22 | 25 | 8 | 9 | 190 | 126 | 5 |
| 2120-1618 | 047171 | 16 x 18 | 26 | 28 | 9 | 10 | 220 | 164 | 5 |
| 2120-1719 | 047188 | 17 x 19 | 26 | 28 | 9 | 10 | 220 | 158 | 5 |
| 2120-1922 | 047195 | 19 x 22 | 29 | 33 | 10 | 11 | 256 | 262 | 5 |

## 2290 METRIC FLARE NUT WRENCH SET

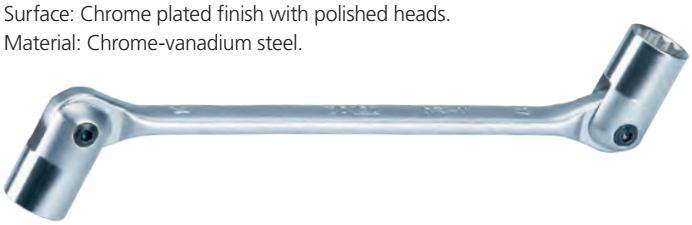
- Supplied in nylon bag.

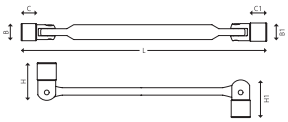
| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2290-0007 | 017341 | 7 | 2200 8x10-9x11-11x13-12x14-17x19-19x22-24x27mm | 1240 | 12 |
| P2290-0007 | 020457 | 1 | Empty pouch for 2290-0007 | | 1 |

## 2400 METRIC DOUBLE SWIVEL END SOCKET WRENCHES

ISO 1711-1, DIN 899

- Double ended wrenches with 12-Point sockets. Spring washer inside the joints.
- Surface: Chrome plated finish with polished heads.
- Material: Chrome-vanadium steel.



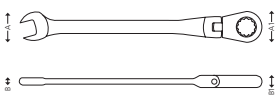


| ITEM NO. | 5704196+ | SIZE MM | B X B1 MM | C X C1 MM | H X H1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 2400-0809 | 006222 | 8 x 9 | 12,9 x 13,7 | 7,5 x 7,5 | 16,0 x 16,8 | 180 | 80 | 5 |
| 2400-1011 | 006239 | 10 x 11 | 14,7 x 15,8 | 10,0 x 10,0 | 18,8 x 19,2 | 199 | 106 | 5 |
| 2400-1213 | 006246 | 12 x 13 | 17,6 x 18,7 | 13,2 x 11,4 | 23,0 x 22,5 | 219 | 163 | 5 |
| 2400-1415 | 006253 | 14 x 15 | 19,6 x 21,6 | 13,9 x 14,3 | 24,0 x 25,4 | 240 | 231 | 5 |
| 2400-1617 | 006260 | 16 x 17 | 23,7 x 23,7 | 13,7 x 14,3 | 29,2 x 29,2 | 264 | 333 | 5 |
| 2400-1819 | 006277 | 18 x 19 | 25,7 x 25,7 | 15,9 x 15,2 | 29,2 x 29,2 | 274 | 400 | 5 |
| 2400-2022 | 006284 | 20 x 22 | 29,7 x 32,8 | 21,8 x 20,8 | 35,6 x 40,5 | 303 | 516 | 5 |
| 2400-2123 | 006291 | 21 x 23 | 29,7 x 33,9 | 22,1 x 21,1 | 35,4 x 39,9 | 303 | 555 | 5 |

## 2405 METRIC SWIVEL GEAR COMBINATION WRENCHES

ISO 1711-1.

- 180° swivel head with 72 teeth and a working angle of 5°.
- Open end angled at 15°.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | A1 MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 2405-0008 | 013220 | 8 | 17,2 | 17,2 | 5,3 | 7,3 | 142 | 47 | 10 |
| 2405-0009 | 013237 | 9 | 19,1 | 20,4 | 5,1 | 7,3 | 153 | 57 | 13 |
| 2405-0010 | 013244 | 10 | 21,2 | 21,0 | 6,0 | 7,6 | 161 | 73 | 10 |
| 2405-0011 | 013251 | 11 | 23,3 | 22,6 | 6,5 | 7,9 | 167 | 85 | 10 |
| 2405-0012 | 013268 | 12 | 25,6 | 23,4 | 6,5 | 8,5 | 172 | 100 | 10 |
| 2405-0013 | 013275 | 13 | 26,8 | 25,7 | 7,3 | 9,6 | 182 | 124 | 11 |
| 2405-0014 | 013282 | 14 | 29,8 | 27,7 | 7,6 | 9,5 | 193 | 141 | 11 |
| 2405-0015 | 013299 | 15 | 30,7 | 30,0 | 7,3 | 9,9 | 201 | 151 | 9 |
| 2405-0016 | 013305 | 16 | 33,7 | 30,2 | 7,6 | 10,4 | 212 | 179 | 9 |
| 2405-0017 | 013312 | 17 | 35,8 | 32,7 | 8,7 | 10,2 | 225 | 211 | 10 |
| 2405-0018 | 013329 | 18 | 37,7 | 32,3 | 8,7 | 10,8 | 233 | 242 | 7 |
| 2405-0019 | 013336 | 19 | 39,5 | 35,2 | 9,1 | 11,5 | 247 | 272 | 7 |

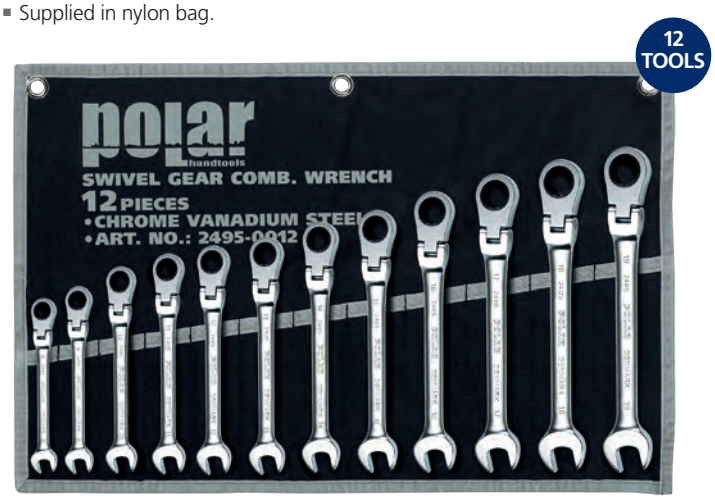
## 2490 DOUBLE SWIVEL END SOCKET WRENCH SET

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2490-0006 | 000794 | 6 | 2400 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm | 1409 | 12 |
| P2490-0006 | 017006 | 1 | Empty pouch for 2490-0006 | 112 | 1 |

## 2495 SWIVEL GEAR COMBINATION WRENCH SET

- Supplied in nylon bag.



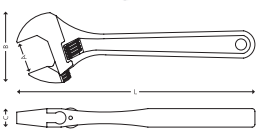

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 2495-0012 | 013213 | 12 | 2405 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm | 1840 | 10 |
| P2495-0012 | 017020 | 1 | Empty pouch for 2495-0012 | 189 | 1 |

# POLAR
WRENCHES

## 2600 **ADJUSTABLE WRENCHES**

ISO 6787, DIN 3117

- Grinded head tip and 15° angel. Scale in mm. Left knurling.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-vanadium steel.

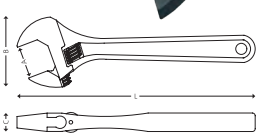


| ITEM NO. | 5704196+ | L MM | L SIZE | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 2600-0004 | 006307 | 110 | 4" | 17 | 35,4 | 4,6 | 58 | 10 | 611331 |
| 2600-0006 | 006314 | 150 | 6" | 23 | 50,3 | 6,2 | 120 | 10 | 611332 |
| 2600-0008 | 006321 | 200 | 8" | 28 | 63,3 | 6,9 | 240 | 5 | 611333 |
| 2600-0010 | 006338 | 250 | 10" | 32 | 73,8 | 8,1 | 400 | 5 | 611334 |
| 2600-0012 | 006345 | 300 | 12" | 38 | 83,6 | 9,4 | 650 | 5 | 611335 |
| 2600-0015 | 006352 | 375 | 15" | 51 | 109,0 | 10,5 | 1225 | 4 | 611336 |
| 2600-0018 | 006369 | 450 | 18" | 61 | 128,2 | 10,0 | 1740 | 5 | 611337 |
| 2600-0024 | 006376 | 600 | 24" | 70 | 148,0 | 12,4 | 3700 | 1 | 611338 |

## 2602 **ADJUSTABLE WRENCHES - EXTRA WIDE OPENING**

ISO 6787, DIN 3117

- Grinded head tip and 15° angel. Scale in mm.
- Ergonomic rubbercoated handle. Left knurling.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | L SIZE | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|
| 2602-0006 | 018812 | 150 | 6" | 35 | 65 | 3,0 | 125 | 10 |
| 2602-0008 | 018829 | 200 | 8" | 40 | 70 | 4,6 | 255 | 5 |
| 2602-0010 | 018836 | 250 | 10" | 50 | 90 | 6,0 | 505 | 5 |

## 2690 **ADJUSTABLE WRENCH SET**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM/INCH | G | |
|---|---|---|---|---|---|
| 2690-0003 | 018577 | 3 | 2600 150 mm / 6" - 200 mm / 8" - 250 mm / 10" | 900 | 1 |
| P2690-0003 | 017105 | 1 | Empty pouch for 2690-0003 | 102 | 1 |

# TORQUE WRENCHES

*POLAR offers a large selection of digital and click-type torque wrenches, to help you get the job done right the first time. Our range of digital torque tools, with easy-to-use push buttons, precisely measures torque applied to fasteners.*

- Click-type torque wrenches.
- Digital torque wrenches.
- Industrial torque wrenches.
- Aluminium torque wrenches.
- Digital torque wrenches with angle measurements.
- Digital torque bit drivers.
- Digital torque screwdrivers.
- Digital torque and angle adapters.
- Digital angle meter with magnet.

*Durable 52-teeth ratchet*

*± 2% accuracy*

*Acoustic and LED signals*

*Large easy-to-read display*

# POLAR

*Reversible ratchet, 72 teeth. (7200)*

*The measuring element is only under load while force is being applied, resulting in long life accuracy and repeatability.*

*Accuracy: ± 3% in accordance with EN ISO 6789:2003*

*No need to turn back to the minimum scale value after being used.*

*Quick and precise slide adjustment by unscrewing the knob and pushing the slider on the scale to the required value.*

*Ergonomic handle.*

# POLAR
# TORQUE WRENCHES

## 7200 INDUSTRIAL TORQUE WRENCHES

- Reversible ratchet, 72 teeth.
- The measuring element is only under load while force is being applied, resulting in long life accuracy and repeatability.
- Accuracy: ± 3% in accordance with EN ISO 6789:2003.
- No need to turn back to the minimum scale value after being used.
- Quick and precise slide adjustment by unscrewing the knob and pushing the slider on the scale to the required value.
- Ergonomic handle.
- Wrench is supplied in protective plastic case.

| ITEM NO. | 5704196+ | CAPACITY NM | ■ | L MM | KG | |
|---|---|---|---|---|---|---|
| 7212-0060 | 027821 | 10-60* | 1/2" | 380 | 1,0 | 1 |
| 7212-0100 | 027838 | 20-100* | 1/2" | 450 | 1,2 | 1 |
| 7212-0200 | 027845 | 40-200** | 1/2" | 450 | 1,2 | 1 |
| 7212-0350 | 027852 | 60-350** | 1/2" | 590 | 1,5 | 1 |
| 7234-0800 | 027869 | 160-800 | 3/4" | 1140 | 6,7 | 1 |
| 7234-1000 | 027876 | 200-1000 | 3/4" | 1340 | 7,4 | 1 |

** Supplied with interchangeable heads (9 x 12 mm).*
*** Supplied with interchangeable heads (14 x 18 mm).*

## 7200I INDUSTRIAL TORQUE WRENCHES WITH INTERCHANGEABLE HEADS

- Large program in various inserts (page 120-121).
- The measuring element is only under load while force is being applied, resulting in long life accuracy and repeatability.
- Accuracy: ± 3% in accordance with EN ISO 6789:2003.
- No need to turn back to the minimum scale value after being used.
- Quick and precise slide adjustment by unscrewing the knob and pushing the slider on the scale to the required value.
- Ergonomic handle.
- Wrench is supplied in protective plastic case.

| ITEM NO. | 5704196+ | INSERT SIZE (W x H MM) | CAPACITY NM | L MM | KG | |
|---|---|---|---|---|---|---|
| 7212-3060 | 029993 | 9 x 12 mm | 10-60 | 380 | 1,0 | 1 |
| 7212-3100 | 030005 | 9 x 12 mm | 20-100 | 445 | 1,1 | 1 |
| 7212-3200 | 030012 | 14 x 18 mm | 40-200 | 450 | 1,1 | 1 |
| 7212-3350 | 030029 | 14 x 18 mm | 60-350 | 580 | 1,4 | 1 |

## 7100 TORQUE WRENCHES

ISO 6789, DIN 3122, EN 26789

- Adjustable torque wrench with reversible ratchet.
- Angle indication printed on ratchet head for tightenings with angle control.
- Precision: ± 3% (1/4", 3/8", 1/2") and ± 4% (3/4").
- Click-signal on reaching preset torque value.
- Supplied with calibration certificate.
- Wrench is supplied in protective plastic case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 7114-1025 | 046778 | 5-25 | 0,1 | 1/4" | 323 | 760 | 1 | 611428 |
| 7138-1050 | 046785 | 10-50 | 0,5 | 3/8" | 400 | 1000 | 1 | 611429 |
| 7138-1100 | 046792 | 20-100 | 0,5 | 3/8" | 400 | 1000 | 1 | 611430 |
| 7112-1200 | 046808 | 40-200 | 0,5 | 1/2" | 517 | 1400 | 1 | 611431 |
| 7112-1340 | 046815 | 60-340 | 1 | 1/2" | 620 | 1700 | 1 | 611433 |
| 7134-1550 | 046822 | 110-550 | 2,5 | 3/4" | 918 | 4500 | 1 | 611441 |
| 7134-1750 | 046839 | 150-750 | 2,5 | 3/4" | 1210 | 5800 | 1 | 611442 |

## 7200 ALUMINIUM TORQUE WRENCHES

- Designed for industrial work, for example aerospace-, windpower- and automation industries.
- Chrome-plating finish strengthens the material hardness and anti-collision.
- The weight of aluminium is extremely lighter than steel. Good for long time operation and heavy industry.
- Integrated 3-lever chain mechanism brings length independence, greater sensitivity, high accuracy and a long life cycle.
- Loud click sound and strong impulse when reaching required torque.
- Dual scales of torque measurement (Nm og ft-lb).
- Engraved serial no. for tracing.
- Nice-to-hold handgrip enables safe work and less operator fatigue.
- Fast and easy torque adjustment with unique "Quick pull out" crank.
- Square driver: Chrome-molybdenum alloy steel brings better strength, toughness, stability and life cycle.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | L MM | KG | |
|---|---|---|---|---|---|---|---|
| 7212-1200 | 028194 | 40-200 | 5 | 1/2" | 563 | 1,5 | 1 |
| 7234-1550 | 028200 | 110-550 | 10 | 3/4" | 827 | 3,0 | 1 |
| 7234-1760 | 028217 | 140-760 | 10 | 3/4" | 827 | 3,0 | 1 |
| 7234-1001 | 028224 | 200-1000 | 10 | 3/4" | 1413 | 3,8 | 1 |
| 7201-1500 | 028231 | 600-1500 | 25 | 1" | 1615 | 10,9 | 1 |
| 7201-2000 | 028248 | 750-2000 | 50 | 1" | 2370 | 11,7 | 1 |

# POLAR
## TORQUE WRENCHES

## 7300 A **DIGITAL TORQUE WRENCHES**

ISO 6789, DIN 3122, EN 26789

- Digital torque wrench with reversible 36 teeth ratchet, for both clockwise and counterclockwise operation.
- Accuracy: ± 2% (CW) / ± 3% (CCW) from 20% to 100% of full scale
- Two operation modes: Track (shows actual torque applied) and Peak (shows maximum reached torque).
- 4 Torque units: Nm, kg-cm, in-lb and ft-lb.
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 9 preset torque values and 50 measurements.
- Battery life (continuous operation): 110 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 7314-1030 | 022055 | 6-30 | 0,01 | 1/4" | 390 | 727 | 1 | 611417 |
| 7338-1135 | 022062 | 27-135 | 0,1 | 3/8" | 415 | 898 | 1 | 611419 |
| 7312-1200 | 022079 | 40-200 | 0,1 | 1/2" | 530 | 1333 | 1 | 611420 |
| 7312-1340 | 022086 | 68-340 | 0,1 | 1/2" | 650 | 1508 | 1 | 611421 |

## 7300 B **DIGITAL TORQUE WRENCHES WITH INTERCHANGEABLE HEADS**

ISO 6789, DIN 3122, EN 26789

- Digital torque wrench with reversible 52 teeth ratchet, for both clockwise and counterclockwise operation.
- Accuracy: ± 2% (CW) / ± 3% (CCW) from 20% to 100% of full scale.
- Two operation modes: Track (shows actual torque applied) and Peak (shows maximum reached torque).
- 4 Torque units: Nm, kg-cm, in-lb and ft-lb.
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 9 preset torque values and 50 measurements.
- Battery life (continuous operation): 110 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.
- Large program in various inserts.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | INSERT SIZE (W x H MM) | ■ | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 7314-2030 | 022215 | 6-30 | 0,01 | 12 x 9 | 1/4" | 388 | 768 | 1 |
| 7338-2135 | 022222 | 27-135 | 0,1 | 12 x 9 | 3/8" | 408 | 936 | 1 |
| 7312-2200 | 022239 | 40-200 | 0,1 | 18 x 14 | 1/2" | 518 | 1385 | 1 |
| 7312-2340 | 022246 | 68-340 | 0,1 | 18 x 14 | 1/2" | 638 | 1555 | 1 |

## 7400 **DIGITAL TORQUE WRENCHES WITH ANGLE MEASUREMENT**

ISO 6789, DIN 3122, EN 26789

- Digital torque wrench with reversible 36 teeth ratchet, for both clockwise and counterclockwise operation.
- Perform torque and angle thightnings in a single-step operation.
- Accuracy: ± 2% (CW) / ± 3% (CCW) from 20% to 100% of full scale and ± 2% for 90° rotation.
- Operation modes: Track (shows actual torque applied), Peak (shows maximum reached torque) and Angle.
- 5 measuring units: Nm, kg-cm, in-lb, ft-lb and angle.
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 9 preset torque values and 50 measurements.
- Battery life (continuous operation): 110 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | L MM | G | |
|---|---|---|---|---|---|---|---|
| 7414-0030 | 022017 | 6-30 | 0,01 | 1/4" | 390 | 729 | 1 |
| 7438-0135 | 022024 | 27-135 | 0,1 | 3/8" | 415 | 901 | 1 |
| 7412-0200 | 022031 | 40-200 | 0,1 | 1/2" | 530 | 1338 | 1 |
| 7412-0340 | 022048 | 68-340 | 0,1 | 1/2" | 650 | 1509 | 1 |

## 7614 **1/4" DIGITAL MINI TORQUE WRENCH**

ISO 6789, EN 26789

- Digital torque wrench with 60 teeth reversible ratchet bit holder, for both clockwise and counterclockwise operation.
- Drivers accept all standard 1/4" hex screwdriver bits.
- Accuracy: ± 3% (CW) / ± 4% (CCW) from 20% to 100% of full scale.
- Two operation modes: Track (shows actual torque applied) and Peak (shows maximum reached torque).
- 4 Torque units: Nm, kg-cm, in-lb and ft-lb.
- Acoustic and green/red LED signal at preset torque value.
- Battery life (continuous operation): 55 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | INSERT SIZE (W X H MM) | L MM | G | |
|---|---|---|---|---|---|---|---|
| 7614-0020 | 022123 | 4-20 | 0,01 | 1/4" | 207 | 167 | 1 |

## 7638 **3/8" DIGITAL MINI TORQUE WRENCH**

ISO 6789, DIN 3122, EN 26789

- Digital torque wrench with reversible 60 teeth ratchet, for both clockwise and counterclockwise operation.
- Accuracy: ± 3% (CW) / ± 4% (CCW) from 20% to 100% of full scale.
- Two operation modes: Track (shows actual torque applied) and Peak (shows maximum reached torque).
- 4 Torque units: Nm, kg-cm, in-lb and ft-lb.
- Acoustic and green/red LED signal at preset torque value.
- Battery life (continuous operation): 55 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | L MM | G | |
|---|---|---|---|---|---|---|---|
| 7638-0085 | 022147 | 17-85 | 0,01 | 3/8" | 239 | 387 | 1 |

# POLAR
# TORQUE WRENCHES

## 7690 **1/4" BICYCLE TOOL KIT**

**ITEM NO. 7690-1409**

- Avoid overload when working on bicycle frames.
- Ideal for every bike enthusiast as well as professionals.
- Tool set supplied in plastic storage case with digital torque wrench and bits.
- *Technical information refer to item no. 7614.*

310 MM × 60 MM × 120 MM

618 G

5704196 022130

1

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Digital torque wrench | 7614 4-20 Nm - 1/4" bit driver |
| 6 | Bits for hex head screws | 4514 1/4" H 2 - 2,5 - 3 - 4 - 5 - 6 mm |
| 1 | Bits for Torx® head screws | 4514 1/4" TX T25 |
| 1 | Bits for Phillips® screws | 4514 1/4" PH2 |

## 7690 **3/8" BICYCLE TOOL KIT**

**ITEM NO. 7690-3820**

- Avoid overload when working on bicycle frames.
- Ideal for every bike enthusiast as well as professionals.
- Tool set supplied in plastic storage case with digital torque wrench and bits.
- *Technical information refer to item no. 7638.*

310 MM × 60 MM × 120 MM

1133 G

5704196 022154

1

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Digital Torque Wrench | 7638 17-85 Nm - 3/8" Square |
| 1 | Screwdriver bit socket | 4738 3/8" |
| 8 | 6-point sockets | 5038 3/8" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 mm |
| 6 | Bits for hex head screws | 4516 3/8" H 3 - 4 - 5 - 6 - 8 - 10 mm |
| 3 | Bits for Torx® head screws | 4516 3/8" TX T25 - T30 - T40 |
| 1 | Bits for Phillips® screws | 4516 3/8" PH 2 |

# POLAR
# TORQUE WRENCHES

## 7514 A **DIGITAL SCREWDRIVER**

ISO 6789, EN 26789

- Digital torque screwdriver with quick-release bit holder, for both clockwise and counterclockwise operation.
- Drivers accept all standard 1/4" hex screwdriver bits.
- Accuracy: ± 3% (CW) / ± 4% (CCW) from 20% to 100% of full scale.
- Two operation modes: Track (shows actual torque applied) and Peak (shows maximum reached torque).
- 3 Torque units: cNm, kg-cm and in-lb.
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 9 preset torque values and 50 measurements.
- Battery life (continuous operation): 12 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY C NM | INCREMENTS NM | | L MM | G | |
|---|---|---|---|---|---|---|---|
| 7514-0050 | 022093 | 10-50 | 0,1 | 1/4" | 193 | 142 | 1 |

## 7514 B/C **DIGITAL SCREWDRIVERS**

ISO 6789, EN 26789

- Digital torque screwdriver with quick-release bit holder, for both clockwise and counterclockwise operation.
- Drivers accept all standard 1/4" hex screwdriver bits.
- Accuracy: ± 2.5% (CW) / ± 3.5% (CCW) from 20% to 100% of full scale.
- Two operation modes: Track (shows actual torque applied) and Peak (shows maximum reached torque).
- 3 Torque units: cNm, kg-cm and in-lb.
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 9 preset torque values and 50 measurements.
- Battery life (continuous operation): 55 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Comfortable, non-slip grip handle.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY C NM | INCREMENTS NM | | L MM | G | |
|---|---|---|---|---|---|---|---|
| 7514-0200 | 022109 | 40-200 | 0,1 | 1/4" | 203 | 179 | 1 |
| 7514-0400 | 022116 | 80-400 | 0,1 | 1/4" | 203 | 179 | 1 |

## 7700 **DIGITAL TORQUE AND ANGLE ADAPTERS**

ISO-6789

- Digital torque and angle adapter, for both clockwise and counterclockwise operation.
- Perform torque and angle tightenings in a single-step operation, using any tightening tool.
- The adapter can be used for verifying any mechanical torque wrench accuracy.
- Accuracy: ± 3% from 20% to 100% of full scale and ± 2% for 90° rotation.
- Operation modes: Track (shows actual torque applied), Peak (shows maximum reached torque) and Angle.
- 5 measuring units: Nm, kg-cm, in-lb, ft-lb and angle.
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 9 preset torque values and 50 measurements.
- Battery life (continuous operation): 110 hrs.
- Operating temperature: -10°C ~ 60°C.
- Storage temperature: -20°C ~ 70°C.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | | SIZE MM | G | |
|---|---|---|---|---|---|---|---|
| 7714-0030 | 022178 | 6-30 | 0,01 | 1/4" | 86 x 85 x 60 | 163 | 1 |
| 7738-0135 | 022185 | 27-135 | 0,1 | 3/8" | 85 x 85 x 75 | 216 | 1 |
| 7712-0200 | 022192 | 40-200 | 0,1 | 1/2" | 85 x 85 x 80 | 240 | 1 |
| 7712-0340 | 022208 | 68-340 | 0,1 | 1/2" | 85 x 85 x 80 | 240 | 1 |

# POLAR
# TORQUE WRENCHES

## 7700 A **DIGITAL ANGLE METER WITH MAGNET**

- Digital angle meter for both clockwise and counter-clockwise operation.
- Built-in magnet for easily fastening to any tightening tool.
- Accuracy: ± 2% for 90° rotation.
- Acoustic and green/red LED signal at preset angle value.
- Memory function with 9 preset angle values and 50 measurements.
- Battery life (continuous operation): 24 hrs.
- Operating temperature: -10°C ~ 60°C. Storage temperature: -20°C ~ 70°C.
- Humidity: Up to 90% non-condensing.
- Supplied with test certificate and storage case.

| ITEM NO. | 5704196+ | SCALE | INCRE-MENTS | RESOLU-TION | DISPLAY RANGE | SIZE MM | G | |
|---|---|---|---|---|---|---|---|---|
| 7700-0001 | 022161 | 1-360° | 1° | 0,1° | 1-999° | 58 x 58 x 41 | 72 | 1 |

*Inserts suitable for torque wrenches model 7300 B and 7200 I (page 115-116).*

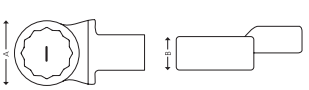
## 7780 **DIGITAL TORQUE MEASUREMENT TESTER**

- Torque testing instrument - click type torque wrenches (CW and CCW operations).
- Three operation modes: 1st Peak, Peak and Track.
- Two Torque units: Nm, and ft-lb (7780-0350 also kg-cm and in-lb).
- Acoustic and green/red LED signal at preset torque value.
- Memory function with 10 preset torque values and 2000 measurements.
- Accuracy: ± 1% (CW / CCW)
- Digital torque values data output with an USB-lead.
- Operating temperature: -10°C ~ 60°C. Storage temperature: -20°C ~ 70°C.
- Supplied with USB-lead, software, test certificate and storage case.

| ITEM NO. | 5704196+ | CAPACITY NM | INCREMENTS NM | ■ | MALE HEXAGON MM | KG | |
|---|---|---|---|---|---|---|---|
| 7780-0350 | 037059 | 35 - 350 | 0.1 | 1/2" | – | 4,6 | 1 |
| 7780-1000 | 037066 | 100 - 1000 | 1 | – | 27 | 5,0 | 1 |
| 7780-2000 | 037073 | 200 - 2000 | 1 | – | 27 | 5,1 | 1 |

## 7801 **BOX END METRIC INSERTS**

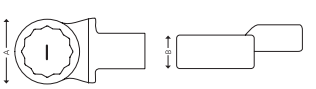
- 9 x 12 mm
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel



| ITEM NO. | 5704196+ | SIZE mm | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 7801-0007 | 022413 | 7 | 20 | 8 | 39 | 1 |
| 7801-0008 | 022420 | 8 | 20 | 8 | 39 | 1 |
| 7801-0010 | 022437 | 10 | 20 | 8 | 41 | 1 |
| 7801-0011 | 022444 | 11 | 20 | 8 | 43 | 1 |
| 7801-0012 | 022451 | 12 | 22 | 12 | 53 | 1 |
| 7801-0013 | 022468 | 13 | 22 | 12 | 51 | 1 |
| 7801-0014 | 022475 | 14 | 24 | 12 | 55 | 1 |
| 7801-0015 | 022482 | 15 | 25 | 13 | 56 | 1 |
| 7801-0016 | 022499 | 16 | 27 | 13 | 58 | 1 |
| 7801-0017 | 022505 | 17 | 28 | 13 | 60 | 1 |
| 7801-0018 | 022512 | 18 | 29 | 13 | 61 | 1 |
| 7801-0019 | 022529 | 19 | 31 | 13 | 65 | 1 |
| 7801-0021 | 022536 | 21 | 34 | 15 | 71 | 1 |
| 7801-0022 | 022543 | 22 | 35 | 15 | 72 | 1 |

## 7803 **BOX END METRIC INSERTS**

- 14 x 18 mm
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel

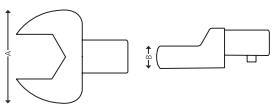


| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 7803-0013 | 022727 | 13 | 30 | 12 | 129 | 1 |
| 7803-0014 | 022734 | 14 | 30 | 12 | 129 | 1 |
| 7803-0015 | 022741 | 15 | 30 | 12 | 129 | 1 |
| 7803-0016 | 022758 | 16 | 31 | 12 | 130 | 1 |
| 7803-0017 | 022765 | 17 | 31 | 13 | 134 | 1 |
| 7803-0018 | 022772 | 18 | 31 | 13 | 139 | 1 |
| 7803-0019 | 022789 | 19 | 31 | 12 | 140 | 1 |
| 7803-0021 | 022796 | 21 | 33 | 15 | 152 | 1 |
| 7803-0022 | 022802 | 22 | 35 | 15 | 156 | 1 |
| 7803-0024 | 022819 | 24 | 38 | 15 | 156 | 1 |
| 7803-0027 | 022826 | 27 | 41 | 18 | 200 | 1 |
| 7803-0030 | 022833 | 30 | 45 | 18 | 204 | 1 |
| 7803-0032 | 022840 | 32 | 48 | 18 | 202 | 1 |
| 7803-0034 | 022857 | 34 | 51 | 19 | 223 | 1 |
| 7803-0036 | 022864 | 36 | 53 | 19 | 218 | 1 |
| 7803-0041 | 022871 | 41 | 60 | 19 | 228 | 1 |

# POLAR
# TORQUE WRENCHES

## 7800 **OPEN END METRIC INSERTS**

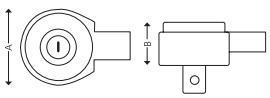
- 9 x 12 mm
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel



| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 7800-0007 | 022284 | 7 | 21 | 6 | 39 | 1 |
| 7800-0008 | 022291 | 8 | 22 | 6 | 39 | 1 |
| 7800-0009 | 022307 | 9 | 23 | 6 | 39 | 1 |
| 7800-0010 | 022314 | 10 | 25 | 6 | 41 | 1 |
| 7800-0011 | 022321 | 11 | 26 | 6 | 43 | 1 |
| 7800-0012 | 022338 | 12 | 28 | 6 | 39 | 1 |
| 7800-0013 | 022345 | 13 | 29 | 6 | 44 | 1 |
| 7800-0014 | 022352 | 14 | 31 | 8 | 54 | 1 |
| 7800-0015 | 022369 | 15 | 33 | 8 | 58 | 1 |
| 7800-0016 | 022376 | 16 | 36 | 8 | 61 | 1 |
| 7800-0017 | 022383 | 17 | 38 | 8 | 59 | 1 |
| 7800-0018 | 022390 | 18 | 39 | 8 | 64 | 1 |
| 7800-0019 | 022406 | 19 | 42 | 8 | 64 | 1 |

## 7800 R **RATCHET INSERTS**

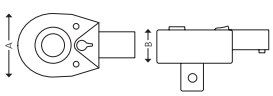
- Reversible model with 52 teeth.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel



| ITEM NO. | 5704196+ | ■ | INSERT SIZE (H X W MM) | MAX. TORQUE Nm | A MM | B MM | G | |
|---|---|---|---|---|---|---|---|---|
| 7814-0912 | 022253 | 1/4" | 9 x 12 | 30 | 25 | 17 | 69 | 1 |
| 7838-0912 | 022260 | 3/8" | 9 x 12 | 135 | 37 | 23 | 150 | 1 |
| 7812-0912 | 036601 | 1/2" | 9 x 12 | 135 | 37 | 23 | 160 | 1 |
| 7812-1418 | 022277 | 1/2" | 14 x 18 | 340 | 43 | 29 | 316 | 1 |

## 7900 R **RATCHET INSERTS**

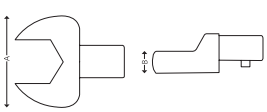
- Reversible model with 48 teeth.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel



| ITEM NO. | 5704196+ | ■ | INSERT SIZE (H X W MM) | MAX. TORQUE Nm | A MM | B MM | G | |
|---|---|---|---|---|---|---|---|---|
| 7914-0912 | 036632 | 1/4" | 9 x 12 | 30 | 26 | 12 | 76 | 1 |
| 7938-0912 | 036649 | 3/8" | 9 x 12 | 135 | 33 | 16 | 158 | 1 |
| 7912-0912 | 036618 | 1/2" | 9 x 12 | 135 | 32 | 16 | 165 | 1 |
| 7912-1418 | 036625 | 1/2" | 14 x 18 | 340 | 40 | 20 | 310 | 1 |

## 7802 **OPEN END METRIC INSERTS**

- 14 x 18 mm
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel



| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 7802-0013 | 022550 | 13 | 30 | 7 | 116 | 1 |
| 7802-0014 | 022567 | 14 | 32 | 7 | 119 | 1 |
| 7802-0015 | 022574 | 15 | 34 | 7 | 116 | 1 |
| 7802-0016 | 022581 | 16 | 36 | 7 | 127 | 1 |
| 7802-0017 | 022598 | 17 | 37 | 9 | 139 | 1 |
| 7802-0018 | 022604 | 18 | 39 | 9 | 137 | 1 |
| 7802-0019 | 022611 | 19 | 41 | 9 | 139 | 1 |
| 7802-0021 | 022628 | 21 | 45 | 12 | 158 | 1 |
| 7802-0022 | 022635 | 22 | 47 | 12 | 163 | 1 |
| 7802-0024 | 022642 | 24 | 51 | 12 | 170 | 1 |
| 7802-0027 | 022659 | 27 | 59 | 14 | 233 | 1 |
| 7802-0030 | 022666 | 30 | 63 | 14 | 245 | 1 |
| 7802-0032 | 022673 | 32 | 65 | 14 | 245 | 1 |
| 7802-0034 | 022680 | 34 | 66 | 14 | 246 | 1 |
| 7802-0036 | 022697 | 36 | 67 | 14 | 239 | 1 |
| 7802-0038 | 022703 | 38 | 66 | 14 | 224 | 1 |
| 7802-0041 | 022710 | 41 | 82 | 14 | 319 | 1 |

# PLIERS

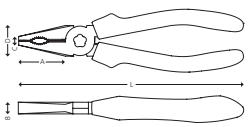
*POLAR pliers give you control and comfort. The quality forged steel ensures strength and durability.*
*The handles are designed to offer increased leverage and power.*

- Pliers.
- Precision pliers.
- Circlip pliers.
- Locking pliers.
- Crimping tool
- Hose clamp pliers

## 3001 COMBINATION PLIER

ISO 5746, DIN 5746

- Model with cutter for piano wire (200 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

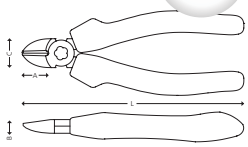


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | D MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 3001-0180 | 007601 | 180 | 1,8 | 38,0 | 10,0 | 6,0 | 26,5 | 231 | 6 | 611658 |

## 3002 DIAGONAL CUTTERS

ISO 5749, DIN 5749

- Model with cutter for hard wire (160 kg/mm²).
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

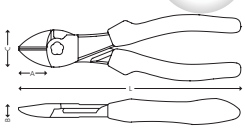


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 3002-0125 | 007625 | 125 | 1,4 | 20,0 | 9,5 | 18,6 | 126 | 6 | 611711 |
| 3002-0160 | 007656 | 160 | 1,6 | 20,0 | 10,0 | 19,6 | 188 | 6 | 611712 |

## 3004 HEAVY-DUTY DIAGONAL CUTTERS

ISO 5749, DIN 5749

- Model with cutter for piano wire (200 kg/mm²).
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

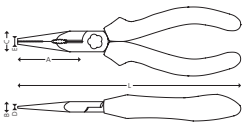


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 3004-0180 | 015460 | 180 | 1,8 | 21,0 | 11,1 | 28,6 | 244 | 6 | 611717 |
| 3004-0200 | 015590 | 200 | 2,0 | 21,0 | 12,2 | 29,7 | 293 | 6 | 911718 |

## 3005 HALF-ROUND LONG NOSE PLIERS WITH STRAIGHT JAWS

ISO 5745, DIN 5745

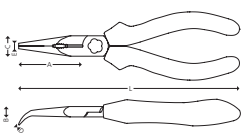
- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 3005-0160 | 007731 | 160 | 1,6 | 2,0 x 3,0 | 48,0 | 8,0 | 18,3 | 144 | 6 | 611695 |
| 3005-0200 | 007748 | 200 | 2,0 | 3,0 x 4,0 | 70,0 | 10,7 | 21,4 | 238 | 6 | 611696 |

## 3006 HALF-ROUND NOSE PLIERS WITH BENT JAWS

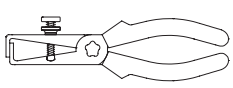
- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 3006-0160 | 007755 | 160 | 1,6 | 2,0 x 3,5 | 45,0 | 9,0 | 18,0 | 142 | 6 | 611691 |
| 3006-0200 | 007762 | 200 | 2,0 | 2,5 x 4,0 | 65,0 | 10,5 | 21,5 | 234 | 6 | |

## 3009 WIRE STRIPPER

- Model with opening spring and adjusting screw.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | MAX. MM² | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 3009-0160 | 007793 | 6 | 160 | 142 | 6 | 611741 |

# POLAR
PLIERS

## 3090 S/3 **SET WITH 3 PLIERS**

- Supplied in nylon bag.
- Content: 1 Combination plier (3001), 180 mm
  1 Diagonal cutter (3002), 160 mm
  1 Half-round long nose plier with straight jaws (3005), 160 mm

| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 3090-0003 | 013046 | Set with 3 pliers | 680 | 6 |
| P3090-0003 | 017013 | Empty pouch for 3090-0003 | 99 | 1 |

## 3090 S/5 **SET WITH 5 PLIERS**

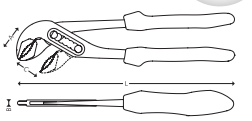
- Supplied in nylon bag.
- Content: 1 Combination plier (3001), 180 mm
  1 Diagonal cutter (3002), 125 mm
  1 Heavy-duty diagonal cutter (3004), 180 mm
  1 Half-round long nose plier with straight jaws (3005), 160 mm
  1 Box-joint water pump plier (3020), 250 mm

| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 3090-0005 | 013053 | Set with 5 pliers | 1300 | 6 |
| P3090-0005 | 017037 | Empty pouch for 3090-0005 | 169 | 1 |

## 3020 **BOX-JOINT WATER PUMP PLIER**

ISO 8976, DIN 8976

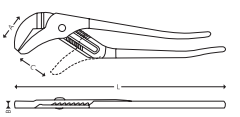
- Model with 7 positions and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 3020-0250 | 007922 | 250 | 35,0 | 8,0 | 34,0 | 354 | 6 | 611622 |

## 3024 **TONGUE AND GROOVE PLIERS**

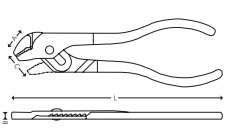
- Right angle.
- Laser heat-treated teeth for better grip.
- Patented reinforcing edge.
- Permalock® fastener eliminates nut and bolt failure.
- Surface: Rust preventative coating.
- Material: High carbon steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 3024-0165 | 028460 | 165 | 20 | 12 | 22 | 138 | 5 | 616629 |
| 3024-0305 | 028477 | 305 | 38 | 13 | 57 | 568 | 5 | 611622 |
| 3024-0420 | 028484 | 420 | 65 | 15 | 108 | 1198 | 2 | |
| 3024-0515 | 028491 | 515 | 76 | 15 | 140 | 1654 | 2 | |

## 3025 **TONGUE AND GROOVE PLIER**

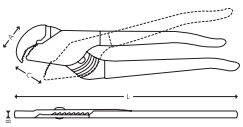
- Right angle.
- Laser heat-treated teeth for better grip.
- Patented reinforcing edge.
- Permalock® fastener eliminates nut and bolt failure.
- Surface: Rust preventative coating.
- Material: High carbon steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|
| 3025-0115 | 028507 | 115 | 8 | 3 | 13 | 38 | 5 |

## 3026 **NUTBUSTER® - TONGUE AND GROOVE PLIER**

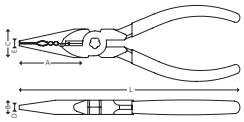
- Parrot nose - ideal for round surfaces.
- Undercut tongue and groove won't slip. Right angle.
- Laser heat-treated teeth for better grip.
- Permalock® fastener eliminates nut and bolt failure.
- Surface: Rust preventative coating.
- Material: High carbon steel..



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|
| 3026-0240 | 038896 | 245 | 28,5 | 11,5 | 28,5 | 496 | 1 |

## 3050 **4-IN-1 ELECTRONICAL PLIER**

- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- For stripping wire: 0,5 - 0,75 mm².
- For crimping terminals: 0,5 - 1,0 mm².
- Wire cutter: max. 0,96 mm diameter.
- PVC coated handles.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3050-0160 | 013077 | 160 | 1,6 | 2,5 x 3,5 | 52,0 | 10,0 | 17,8 | 126 | 6 |

## 3052 **PROFESSIONAL CRIMPING TOOL**

- For cutting cables, stripping wire, crimping terminals (insulated and non-insulated) and cutting copper and brass screws.
- Stripping wire: 0,75 – 6 mm².
- Crimping terminals: 0,5 – 6 mm².
- CU- and MS-screws threaded: M2,6 – M3 – M3,5 – M4 – M5.
- Surface: Powder coating.
- Material: Special steel, high-strength.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 3052-0245 | 045474 | 245 | 252 | 1 |

## 3052 **CRIMPING TOOL SET**

**ITEM NO. 3052-9121**

- Crimping tool set in metal box with crimping plier and accessories.
- 121 tools.

5704196 045467 1,74 KG 4

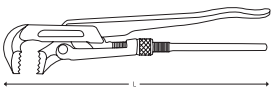
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Crimping tool | 3052 245 mm |
| 20 | Male bullet connectors | 3055 Blue 6,3 x 0,8 mm |
| 20 | Female bullet connectors | 3055 Blue 6,3 x 0,8 mm |
| 20 | Butt connectors | 3055 Blue |
| 20 | Butt connectors | 3055 Red |
| 20 | Spade connectors | 3055 Blue #8 |
| 20 | Ring terminals | 3055 Red #6 |

# POLAR
PLIERS

## 3060 **PIPE WRENCH 90°**

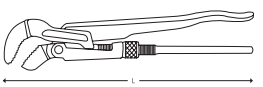
DIN 5234
- Swedish pattern. 90° serrated jaw.
- Adjustable.
- Surface: Black powder coated.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | MAX. OPENING MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3060-0100 | 029924 | 1" | 42 | 305 | 829 | 1 | 616112 |
| 3060-0112 | 029931 | 1 1/2" | 60 | 405 | 1471 | 1 | 616113 |
| 3060-0200 | 029948 | 2" | 70 | 560 | 2610 | 1 | 616114 |
| 3060-0300 | 034447 | 3" | 105 | 650 | 3380 | 1 | 616115 |

## 3061 **PIPE WRENCH 45°**

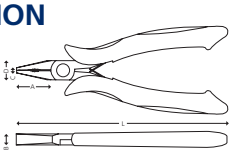
DIN 5234
- Swedish pattern. 45° serrated jaw.
- Adjustable.
- Surface: Black powder coated.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | MAX. OPENING MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3061-0012 | 052533 | 1/2" | 35 | 265 | 479 | 1 | |
| 3061-0034 | 029955 | 3/4" | 19 | 280 | 455 | 1 | |
| 3061-0100 | 029962 | 1" | 42 | 310 | 843 | 1 | 616120 |
| 3061-0112 | 029979 | 1 1/2" | 60 | 410 | 1506 | 1 | 616121 |
| 3061-0200 | 029986 | 2" | 70 | 570 | 2634 | 1 | 616122 |
| 3061-0300 | 034553 | 3" | 110 | 695 | 4277 | 1 | |

## 3601 **COMBINATION PLIER - PRECISION**

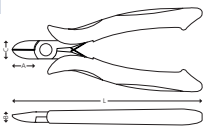
ISO 9655, DIN 9655
- Model for cutting fine soft copper wire.
- Fine serrations on gripping areas.
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | D MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3601-0125 | 038537 | 125 | 1,5 | 22 | 7,5 | 5 | 12 | 80 | 10 |

## 3602 **DIAGONAL CUTTER - PRECISION**

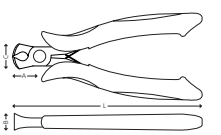
ISO 9655, DIN 9655
- Model for cutting fine soft copper wire (Flush Cut).
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|
| 3602-0125 | 038544 | 125 | 1,5 | 14 | 7,5 | 12 | 75 | 10 |

## 3603 **END CUTTING PLIER - PRECISION**

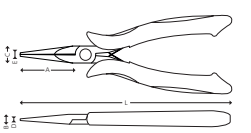
ISO 9655, DIN 9655
- Model for cutting fine soft copper wire.
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|
| 3603-0125 | 038551 | 125 | 1,5 | 16 | 13 | 16 | 75 | 10 |

## 3605 **LONG NOSE PLIER - PRECISION**

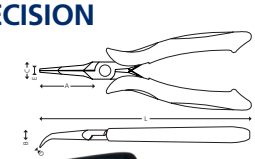
ISO 9655, DIN 9655
- Model for cutting fine soft copper wire.
- Fine serrations on gripping areas.
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3605-0150 | 038568 | 150 | 1,5 | 2,0 x 2,0 | 42 | 7,5 | 12 | 85 | 10 |

## 3606 **MECHANICS PLIER, 45° - PRECISION**

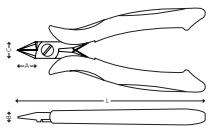
ISO 9655, DIN 9655
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3606-0150 | 038575 | 150 | 1,5 | 2,0 x 2,0 | 38 | 7,5 | 12 | 90 | 10 |

## 3609 **ELECTRONICS DIAGONAL CUTTER - PRECISION**

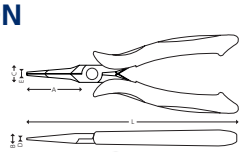
ISO 9655, DIN 9655
- Model for cutting fine soft copper wire (Flush Cut).
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|
| 3609-0125 | 038605 | 125 | 1,5 | 11 | 6 | 10 | 65 | 10 |

## 3607 **MECHANICS PLIER - PRECISION**

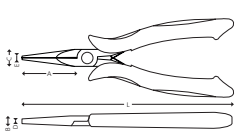
ISO 9655, DIN 9655
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.

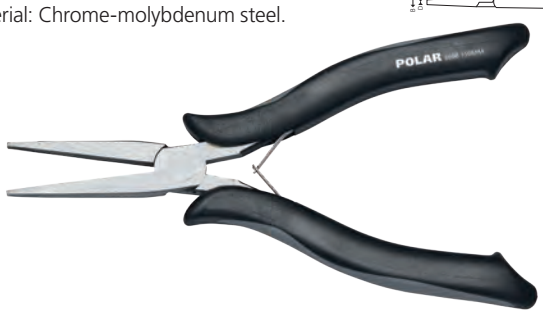


| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3607-0150 | 038582 | 150 | 1,5 | 2,0 x 2,0 | 42 | 7,5 | 12 | 80 | 10 |

## 3608 **FLAT NOSE PLIER - PRECISION**

ISO 9655, DIN 9655
- Ergonomically designed two color handles.
- Surface: Phosphatised finish with polished head
- Material: Chrome-molybdenum steel.





| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3608-0150 | 038599 | 150 | 1,5 | 4,0 x 2,0 | 42 | 7,5 | 12 | 90 | 10 |

## 3690 S/8 **SET WITH 8 PRECISION PLIERS**

- Supplied in nylon bag.
- Content: 1 Combination plier (3601), 125 mm
  1 Diagonal cutting plier (3602), 125 mm
  1 End cutting plier (3603), 125 mm
  1 Long nose plier (3605), 150 mm
  1 Mechanics plier, 45° (3606), 150 mm
  1 Mechanics plier (3607), 150 mm
  1 Flat nose plier (3608), 150 mm
  1 Electronics diagonal cutter (3609), 125 mm

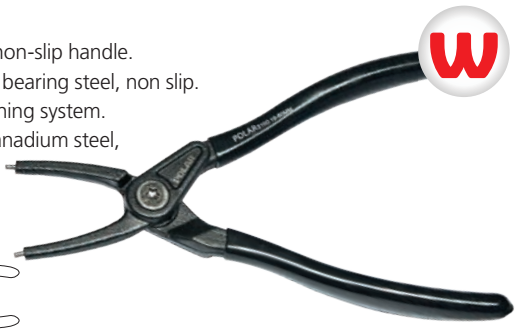
8 TOOLS

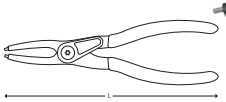
| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 3690-0008 | 038612 | Set with 8 pliers | 782 | 10 |
| P3690-0008 | 042848 | Empty pouch for 3690-0008 | 128 | 1 |

# POLAR
PLIERS

## 3100 PLIERS WITH STRAIGHT JAWS - INTERNAL CIRCLIPS

ISO 5256, DIN 5256
- Grip: Covered with non-slip handle.
- Tips: Inserted tips of bearing steel, non slip.
- Spring: Hidden retaining system.
- Material: Chrome-vanadium steel, oil-hardened.

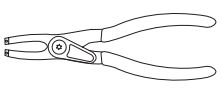




| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3100-0813 | 037202 | 8-13 | 140 | 0,9 | 90 | 10 | |
| W 3100-1225 | 007809 | 12 - 25 | 140 | 1,2 | 90 | 10 | 611822 |
| W 3100-1960 | 007816 | 19 - 60 | 180 | 1,8 | 175 | 10 | 611823 |
| 3100-4010 | 037240 | 40-100 | 230 | 2,3 | 290 | 10 | |
| 3100-8514 | 042329 | 85-140 | 320 | 3,2 | 680 | 5 | |

## 3105 PLIERS WITH NOSE BENT 90° - INTERNAL CIRCLIPS

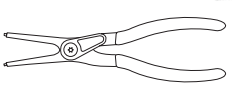
ISO 5256, DIN 5256
- Grip: Covered with non-slip handle.
- Tips: Inserted tips of bearing steel, non slip.
- Spring: Hidden retaining system.
- Material: Chrome-vanadium steel, oil-hardened.



| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3105-0813 | 037219 | 8-13 | 130 | 0,9 | 90 | 10 | |
| 3105-1225 | 007830 | 12 - 25 | 130 | 1,3 | 90 | 10 | 611832 |
| 3105-1960 | 007847 | 19 - 60 | 170 | 1,8 | 175 | 10 | 611833 |
| 3105-4010 | 037257 | 40-100 | 215 | 2,3 | 290 | 10 | |
| 3105-8514 | 042336 | 85-140 | 305 | 3,2 | 680 | 5 | |

## 3110 PLIERS WITH STRAIGHT JAWS - EXTERNAL CIRCLIPS

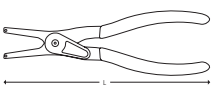
ISO 5254, DIN 5254
- Grip: Covered with non-slip handle.
- Tips: Inserted tips of bearing steel, non slip.
- Spring: Hidden retaining system.
- Material: Chrome-vanadium steel, oil-hardened.



| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3110-0310 | 037189 | 3-10 | 140 | 0,9 | 90 | 10 | |
| W 3110-1025 | 007861 | 10 - 25 | 140 | 1,3 | 90 | 10 | 611802 |
| W 3110-1960 | 007878 | 19 - 60 | 180 | 1,8 | 175 | 10 | 611803 |
| 3110-4010 | 037226 | 40-100 | 230 | 2,3 | 290 | 10 | |
| 3110-8514 | 042343 | 85-140 | 320 | 3,2 | 680 | 5 | |

## 3115 PLIERS WITH NOSE BENT 90° - EXTERNAL CIRCLIPS

ISO 5254, DIN 5254
- Grip: Covered with non-slip handle.
- Tips: Inserted tips of bearing steel, non slip.
- Spring: Hidden retaining system.
- Material: Chrome-vanadium steel, oil-hardened.



| ITEM NO. | 5704196+ | Ø MIN. - MAX. MM | L MM | | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3115-0310 | 037196 | 3-10 | 130 | 0,9 | 90 | 10 | |
| W 3115-1025 | 007892 | 10 - 25 | 130 | 1,3 | 90 | 10 | 611812 |
| W 3115-1960 | 007908 | 19 - 60 | 170 | 1,8 | 175 | 10 | 611813 |
| 3115-4010 | 037233 | 40-100 | 215 | 2,3 | 290 | 10 | |
| 3115-8514 | 042350 | 85-140 | 305 | 3,2 | 680 | 5 | |

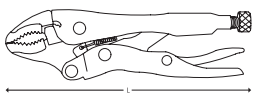
## 3190 S/4 SET WITH 4 PLIERS FOR CIRCLIPS

- Supplied in nylon bag.
- Content: 1 Plier with straight jaws for internal circlips (3100), 19 - 60 mm
  1 Plier with nose bent 90° for internal circlips (3105), 19 - 60 mm
  1 Plier with straight jaws for external circlips (3110), 19 - 60 mm
  1 Plier with nose bent 90° for external circlips (3115), 19 - 60 mm

| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 3190-0004 | 013060 | Set with 4 pliers for circlips | 740 | 1 |
| P3190-0004 | 017044 | Empty pouch for 3190-0004 | 163 | 1 |

## 3200 **LOCKING PLIERS**

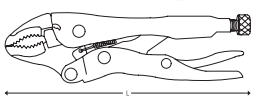
- Model with curved jaws with cutter.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L INCH | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 3200-0125 | 008004 | 125 | 5″ | 29 | 180 | 6 | 611641 |
| 3200-0180 | 008011 | 180 | 7″ | 41 | 345 | 6 | 611642 |
| 3200-0250 | 008028 | 250 | 10″ | 48 | 515 | 6 | 611644 |

## 3202 **LOCKING PLIERS**

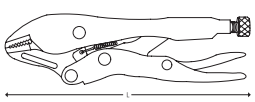
- Model with curved jaws.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L INCH | A MM | G | |
|---|---|---|---|---|---|---|
| 3202-0180 | 008035 | 180 | 7″ | 41 | 345 | 6 |
| 3202-0250 | 008042 | 250 | 10″ | 48 | 515 | 6 |

## 3203 **LOCKING PLIERS**

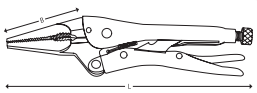
- Model with straight jaws.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L INCH | A MM | G | |
|---|---|---|---|---|---|---|
| 3203-0180 | 008059 | 180 | 7″ | 43 | 380 | 6 |
| 3203-0250 | 008066 | 250 | 10″ | 50 | 600 | 6 |

## 3205 **LOCKING PLIERS**

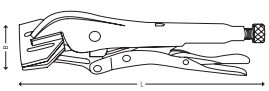
- Model with long jaws.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L INCH | A MM | B MM | G | |
|---|---|---|---|---|---|---|---|
| 3205-0150 | 008073 | 150 | 6″ | 57 | 50 | 175 | 6 |
| 3205-0225 | 008080 | 225 | 9″ | 70 | 60 | 370 | 6 |

## 3210 **SHEET METAL PLIER**

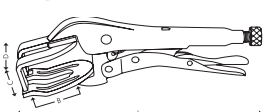
- Model for clamping sheet metal without gripping effort.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L INCH | A MM | B MM | G | |
|---|---|---|---|---|---|---|---|
| 3210-0200 | 008097 | 250 | 10″ | 40 | 75 | 695 | 6 |

## 3215 **WELDING CLAMP**

- Model with U-shaped jaws. Allows access and good visibility when welding.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.

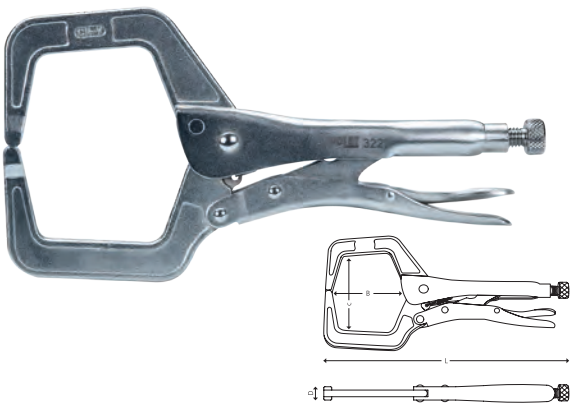


| ITEM NO. | 5704196+ | L MM | L INCH | A MM | B MM | C MM | D MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3215-0225 | 008103 | 280 | 11″ | 55 | 60 | 90 | 70 | 845 | 6 |

# POLAR
PLIERS

## 3220 **C-CLAMP LOCKING PLIERS**

- Model for clamping metal profiles.
- Surface: Nickel plated. Material: Chrome-vanadium steel jaws.



| ITEM NO. | 5704196+ | L MM | L INCH | A MM | B MM | C MM | D MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3220-0150 | 008110 | 175 | 7" | 45 | 40 | 50 | 10 | 235 | 6 |
| 3220-0275 | 008127 | 275 | 11" | 80 | 80 | 95 | 11 | 720 | 6 |

## 3315 **HOSE CLAMP PLIERS**

- For clamping of flexible hoses.
- Stopping the flow. Adjustable ring with locking function.
- Material: Special plastic.

| ITEM NO. | 5704196+ | SIZE | Ø MAX. MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3315-0001 | 045429 | 6 - 19 mm (1/4" - 3/4") | 19 mm | 155 | 42 | 1 |
| 3315-0002 | 045436 | 6 - 32 mm (1/4" - 1 1/4") | 32 mm | 185 | 74 | 1 |
| 3315-0003 | 045443 | 19 - 57 mm (3/4" - 2 1/4") | 57 mm | 250 | 122 | 1 |

## 3315 **HOSE CLAMP PLIER SET**

- For clamping of flexible hoses from 6 to 57 mm.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 3315-9003 | 045450 | 3 | 6-19 mm - 6-32 mm - 19-57 mm | 240 | 1 |

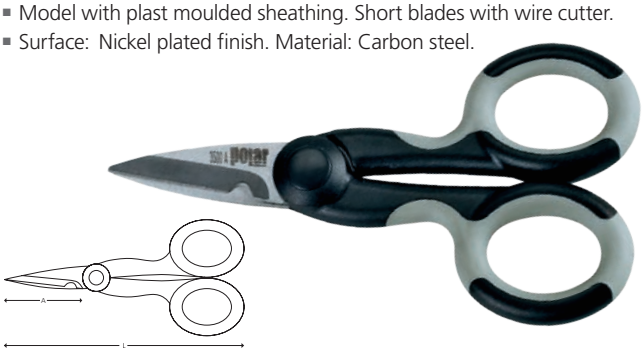
## 3400 **METAL CUTTING SHEARS**

- Internal torsion spring. Serrated edges prevent slipping.
- Plastic handle with rubber grip. Safety latch.
- Cutting capacity: Stainless steel: 0,7 mm. Cold rolled steel: 1,2 mm
- Material: Chrome-molybdenum alloy steel blades.

| ITEM NO. | 5704196+ | CUT | COLOR | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 3400-0250 | 008172 | Right | Green | 35 | 248 | 375 | 6 |
| 3405-0250 | 008189 | Left | Red | 35 | 248 | 375 | 6 |
| 3410-0250 | 008196 | Straight | Yellow | 35 | 250 | 380 | 6 |

## 3500 A **ELECTRICIANS SCISSOR**

- Model with plast moulded sheathing. Short blades with wire cutter.
- Surface: Nickel plated finish. Material: Carbon steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 3500-0140 | 013084 | 140 | 45 | 74 | 4 |

## 3505 **PROFESSIONAL UNIVERSAL SCISSOR**

- Model ideal for cutting steel wire, metal ribbon, plastic, wires, leather and carpets.
- Stainless steel cutter with saw blades ensures high durability and best cutting results.
- Cable stripper for cables with holes 1.0 mm², 1.5 mm² and 2.0 mm².
- Spring loaded, comfort grip handle. Single-handed locking.
- Material: Stainless steel.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 3505-0200 | 039749 | 200 | 180 | 10 |

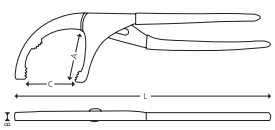
## 8620 **WHEEL WEIGHT PLIER**

- For fitting and removing wheel balancing weights and for loosening or compressing the retaining springs.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 8620-0001 | 037271 | 250 | 350 | 10 |

## 8608 **OIL FILTER PLIERS**

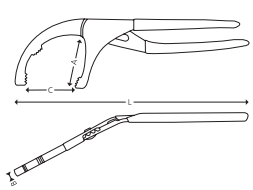
- Right angle teeth grip better.
- Permalock® fastener eliminates nut and bolt failure.
- Surface: Rust preventative coating.
- Material: High carbon steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | MAX. OPENING MM | G | |
|---|---|---|---|---|---|---|---|---|
| 8608-0225 | 038858 | 225 | 45 | 8,0 | 44 - 76 | 90 | 210 | 2 |
| 8608-0300 | 038865 | 310 | 65 | 10,0 | 63 - 95 | 107 | 440 | 3 |
| 8608-0390 | 038872 | 390 | 88 | 12,5 | 63 - 114 | 140 | 830 | 3 |

## 8609 **OIL FILTER PLIER - 30° ANGLED**

- 30° angled head allows access to previously impossible to reach areas.
- Permalock® fastener eliminates nut and bolt failure.
- Surface: Rust preventative coating.
- Material: High carbon steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | MAX. OPENING MM | G | |
|---|---|---|---|---|---|---|---|---|
| 8609-0300 | 038889 | 300 | 64 | 9,8 | 63 - 95 | 95 | 435 | 3 |

# POLAR
## SCREWDRIVERS AND BITS

*Ergonimic soft grip handle.*

*Chrome-molybdenum steel blade.*

*Chrome plated blade with burnished tip.*

# SCREWDRIVERS

*POLAR screwdrivers offer a great combination of power and comfort.*

- Unique handle shape providing excellent grip and superior force.
- Bi-material gives you firm grip - even in the greasiest shop environments.
- The tip types are marked on each handle to quickly find the right type for the job.
- The blade is made of chrome-molybdenum steel for the highest torque performance.
- The wide range includes also screwdrivers with go-through blades and insulated screwdrivers.

*Slotted*

*Phillips®*

*Pozidriv®*

*Torx®*

*Tamper resist Torx®*

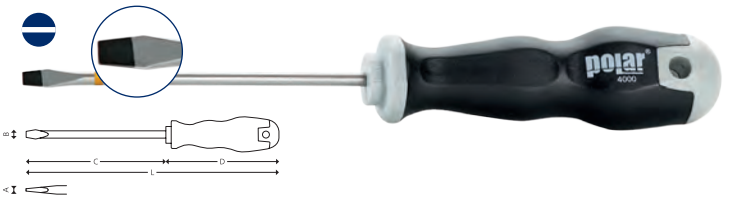
*With Ballpoint*

*Hexagon*

# POLAR
## SCREWDRIVERS AND BITS

## 4000 SCREWDRIVERS FOR SLOTTED HEAD SCREWS

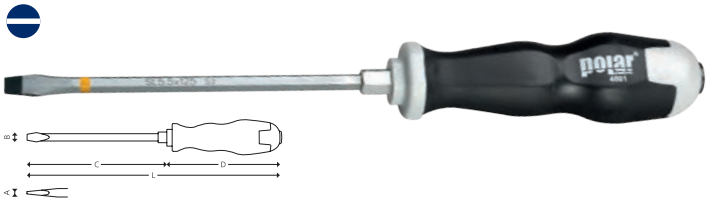
ISO 2380, DIN 5264
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | A X B X C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 4000-0030 | 006697 | 0,5 x 3 x 75 | 85 | 160 | 30 | 10 | 612262 |
| 4000-0130 | 030104 | 0,5 x 3 x 100 | 85 | 185 | 33 | 10 | |
| 4000-0040 | 006703 | 0,8 x 4 x 100 | 105 | 205 | 56 | 10 | 612263 |
| 4000-0155 | 027227 | 1,0 x 5,5 x 100 | 105 | 205 | 66 | 10 | |
| 4000-0055 | 006710 | 1,0 x 5,5 x 125 | 105 | 230 | 69 | 10 | 612264 |
| 4000-0165 | 027234 | 1,2 x 6,5 x 100 | 115 | 215 | 92 | 10 | |
| 4000-0065 | 006727 | 1,2 x 6,5 x 150 | 115 | 265 | 102 | 10 | 612265 |
| 4000-0180 | 027241 | 1,2 x 8,0 x 150 | 125 | 280 | 164 | 10 | |
| 4000-0080 | 006734 | 1,2 x 8 x 175 | 125 | 300 | 172 | 10 | 612266 |
| 4000-0100 | 027258 | 1,6 x 10 x 200 | 125 | 330 | 224 | 10 | |

## 4001 SCREWDRIVERS FOR SLOTTED HEAD SCREWS

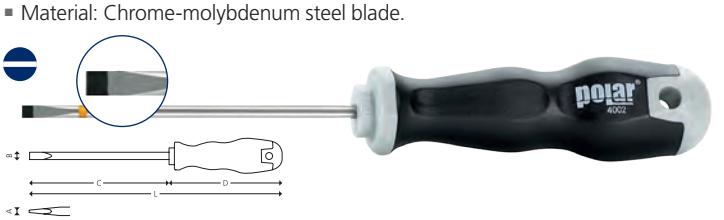
- Supplied with go-through blade and hexagonal bolster.
- Ergonomic soft grip handle with impact cap.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | A X B X C MM | D MM | | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4001-0055 | 016597 | 1,0 x 5,5 x 125 | 110 | 8 | 235 | 98 | 6 | 612291 |
| 4001-0065 | 016603 | 1,2 x 6,5 x 150 | 120 | 10 | 245 | 137 | 6 | 612292 |
| 4001-0180 | 027265 | 1,2 x 8,0 x 150 | 130 | 13 | 275 | 220 | 8 | |
| 4001-0080 | 016610 | 1,2 x 8 x 175 | 130 | 13 | 305 | 227 | 6 | 612287 |
| 4001-0100 | 016627 | 1,6 x 10 x 200 | 130 | 16 | 330 | 278 | 6 | 612288 |
| 4001-0120 | 016634 | 2 x 12 x 200 | 130 | 16 | 330 | 318 | 6 | 612289 |

## 4002 SCREWDRIVERS FOR SLOTTED HEAD SCREWS

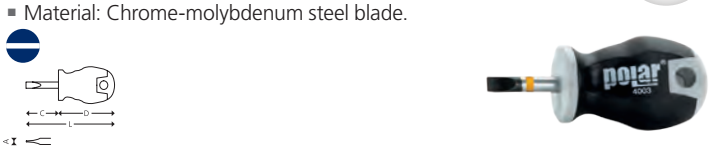
ISO 2380, DIN 5264
- Supplied with round blade.
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | A X B X C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4002-0030 | 027272 | 0,5 x 3,0 x 75 | 85 | 160 | 28 | 10 |
| 4002-0040 | 027289 | 0,8 x 4,0 x 100 | 105 | 205 | 56 | 10 |
| 4002-0055 | 027296 | 1,0 x 5,5 x 100 | 105 | 205 | 70 | 10 |
| 4002-0065 | 027302 | 1,2 x 6,5 x 150 | 115 | 265 | 110 | 10 |

## 4003 STUBBY SCREWDRIVERS FOR SLOTTED HEAD SCREWS

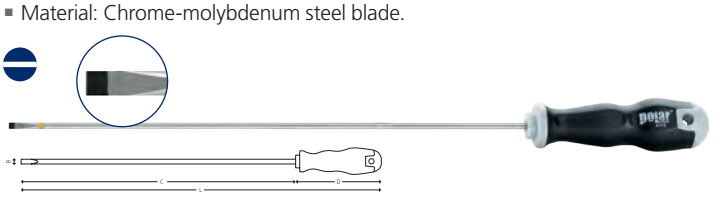
ISO 2380, DIN 5264
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | A X B X C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 4003-0055 | 006758 | 1,0 x 5,5 x 25 | 50 | 75 | 36 | 10 | 612324 |
| 4003-0065 | 006765 | 1,0 x 6,5 x 25 | 50 | 75 | 40 | 10 | |

## 4005 EXTRA LONG SCREWDRIVERS FOR SLOTTED HEAD SCREWS

ISO 2380, DIN 5264
- Supplied with round blade.
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | A X B X C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4005-0030 | 030036 | 0,5 x 3,0 x 300 | 85 | 385 | 43 | 10 |
| 4005-0040 | 030043 | 0,8 x 4,0 x 400 | 105 | 505 | 88 | 10 |
| 4005-0055 | 030050 | 1,0 x 5,5 x 400 | 105 | 505 | 123 | 10 |
| 4005-0065 | 030067 | 1,2 x 6,5 x 400 | 115 | 515 | 176 | 10 |

# POLAR
## SCREWDRIVERS AND BITS

## 4010 PH **SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

ISO 8764, DIN 5260
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4010-0100 | 006772 | 0 | 60 | 85 | 145 | 29 | 10 | 612272 |
| 4010-0101 | 006789 | 1 | 80 | 105 | 185 | 60 | 10 | 612273 |
| 4010-0102 | 006796 | 2 | 100 | 115 | 215 | 86 | 10 | 612274 |
| 4010-0112 | 027319 | 2 | 150 | 115 | 265 | 102 | 10 | |
| 4010-0103 | 006802 | 3 | 150 | 125 | 275 | 165 | 10 | 612275 |
| 4010-0104 | 030111 | 4 | 200 | 125 | 325 | 228 | 10 | |

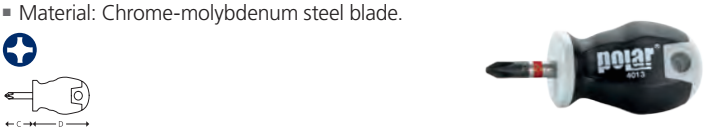
## 4011 PH **SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

- Supplied with go-through blade and hexagonal bolster.
- Ergonomic soft grip handle with impact cap.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PH | C MM | D MM | | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 4011-0101 | 016641 | 1 | 80 | 110 | 8 | 190 | 88 | 6 | 612295 |
| 4011-0102 | 016658 | 2 | 100 | 120 | 10 | 220 | 131 | 6 | 612296 |
| 4011-0103 | 016665 | 3 | 150 | 130 | 13 | 280 | 219 | 6 | 612297 |
| 4011-0104 | 016672 | 4 | 200 | 130 | 16 | 330 | 315 | 6 | 912298 |
| 4011-0114 | 027326 | 4 | 300 | 130 | 16 | 430 | 388 | 9 | |

## 4013 PH **STUBBY SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

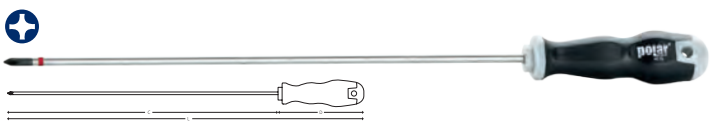
ISO 8764, DIN 5260
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4013-0101 | 006819 | 1 | 25 | 50 | 75 | 34 | 10 | 612325 |
| 4013-0102 | 006826 | 2 | 25 | 50 | 75 | 38 | 10 | 612326 |

## 4015 PH **EXTRA LONG SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

ISO 8764, DIN 5260
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.



| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4015-0100 | 030074 | 0 | 300 | 85 | 385 | 43 | 10 |
| 4015-0101 | 030081 | 1 | 400 | 105 | 505 | 113 | 10 |
| 4015-0102 | 030098 | 2 | 400 | 115 | 515 | 177 | 10 |

# POLAR
## SCREWDRIVERS AND BITS

## 4020 PZ **SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS**

ISO 8764, DIN 5260
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PZ | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4020-0101 | 006833 | 1 | 80 | 105 | 185 | 60 | 10 | 612451 |
| 4020-0102 | 006840 | 2 | 100 | 115 | 215 | 86 | 10 | 612452 |
| 4020-0103 | 006857 | 3 | 150 | 125 | 275 | 165 | 10 | 612453 |

## 4021 PZ **SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS**

- Supplied with go-through blade and hexagonal bolster.
- Ergonomic soft grip handle with impact cap.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PZ | C MM | D MM | | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4021-0101 | 016689 | 1 | 80 | 110 | 8 | 190 | 88 | 6 |
| 4021-0102 | 016696 | 2 | 100 | 120 | 10 | 220 | 131 | 6 |
| 4021-0103 | 016702 | 3 | 150 | 130 | 13 | 280 | 219 | 6 |
| 4021-0104 | 016719 | 4 | 200 | 130 | 16 | 330 | 315 | 6 |

## 4023 PZ **STUBBY SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS**

ISO 8764, DIN 5260
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4023-0101 | 006864 | 1 | 25 | 50 | 75 | 34 | 10 |
| 4023-0102 | 006871 | 2 | 25 | 50 | 75 | 38 | 10 |

## 4090 A **SCREWDRIVER SET - 7 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4090-0007 | 000800 | 7 | 3 x 75 - 4 x 100 - 5,5 x 125<br>PH1 x 80 - PH2 x 100<br>PZ1 x 80 - PZ2 x 100 | 640 | 10 |

## 4090 **SCREWDRIVER SET - 10 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4090-0010 | 000824 | 10 | 3 x 75 - 4 x 100 - 5,5 x 125 - 6,5 x 150<br>PH1 x 80 - PH2 x 100 - PH3 x 150<br>PZ1 x 80 - PZ2 x 100 - PZ3 x 150 | 1115 | 10 |

## 4090 B **SCREWDRIVER SET - 7 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4090-1007 | 000817 | 7 | 3 x 75 - 4 x 100 - 5,5 x 125 - 6,5 x 150 -<br>PH1 x 80 - PH2 x 100 - PH3 x 150 | 755 | 10 |

# POLAR
## SCREWDRIVERS AND BITS

## 4090 **SCREWDRIVER SET - 12 PCS.**

- Supplied in plastic case.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4090-0012 | 024905 | 12 | 3 x 75 - 4 x 100 - 5.5 x 125 - 6.5 x 150<br>PH1 x 80 - PH2 x 100 - PH3 x 150<br>PZ1 x 80 - PZ2 x 100 - PZ3 x 150<br>Stubby screwdriver 5.5 x 25<br>Stubby screwdriver PH2 x 25 | 1682 | 10 |

## 4091 **SCREWDRIVER SET WITH IMPACT CAP - 7 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4091-0007 | 016726 | 7 | 5,5 x 125 - 6,5 x 150 - 8 x 175 - 10 x 200<br>12 x 200 - PH2 x 100 - PH3 x 150 | 1580 | 10 |

## 4091 **SCREWDRIVER SET WITH IMPACT CAP - 6 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE<br>MM | G | |
|---|---|---|---|---|---|
| 4091-0006 | 016740 | 6 | 5,5 x 125 - 6,5 x 150 - 10 x 200<br>PH1 x 80 - PH2 x 100 - PH3 x 150 | 1090 | 10 |

## 4091 **SCREWDRIVER SET WITH IMPACT CAP - 10 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4091-0010 | 016733 | 10 | 5,5 x 125 - 6,5 x 150 - 8 x 175 - 10 x 200<br>PH1 x 80 - PH2 x 100 - PH3 x 150<br>PZ1 x 80 - PZ2 x 100 - PZ3 x 150 | 1840 | 10 |

polar
4001
polar
4000
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4000
polar
4031

## 4031 TX **SCREWDRIVERS FOR TORX® HEAD SCREWS**

- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4031-0008 | 015187 | T8 | 2,31 | 60 | 85 | 145 | 31 | 10 |
| 4031-0010 | 015194 | T10 | 2,74 | 80 | 105 | 185 | 56 | 10 |
| 4031-0015 | 015200 | T15 | 3,27 | 80 | 105 | 185 | 56 | 10 |
| 4031-0020 | 015217 | T20 | 3,86 | 100 | 105 | 205 | 58 | 10 |
| 4031-0025 | 015224 | T25 | 4,43 | 100 | 105 | 205 | 68 | 10 |
| 4031-0027 | 015231 | T27 | 4,99 | 115 | 115 | 230 | 98 | 10 |
| 4031-0030 | 015248 | T30 | 5,52 | 115 | 115 | 230 | 98 | 10 |
| 4031-0040 | 015255 | T40 | 6,65 | 130 | 115 | 245 | 118 | 10 |

## 4030 STX **SCREWDRIVERS FOR TAMPER RESISTANT® TORX® HEAD SCREWS**

- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4030-0008 | 006888 | T8 | 2,31 | 60 | 85 | 145 | 31 | 10 |
| 4030-0010 | 006895 | T10 | 2,74 | 80 | 85 | 165 | 56 | 10 |
| 4030-0015 | 006901 | T15 | 3,27 | 80 | 105 | 185 | 56 | 10 |
| 4030-0020 | 006918 | T20 | 3,86 | 100 | 105 | 205 | 58 | 10 |
| 4030-0025 | 006925 | T25 | 4,43 | 100 | 105 | 205 | 68 | 10 |
| 4030-0027 | 006932 | T27 | 4,99 | 115 | 115 | 230 | 98 | 10 |
| 4030-0030 | 006949 | T30 | 5,52 | 115 | 115 | 230 | 98 | 10 |
| 4030-0040 | 006956 | T40 | 6,65 | 130 | 115 | 245 | 118 | 10 |

## 4090 **SCREWDRIVER SET FOR TORX® HEAD SCREWS - 8 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4090-1008 | 015330 | 8 | TX T8 x 60 - T10 x 80 - T15 x 80 - T20 x 100 - T25 x 100 - T27 x 115 - T30 x 115 - T40 x 130 | 740 | 10 |

## 4090 **SCREWDRIVER SET FOR TAMPER RESISTANT® TORX® HEAD SCREWS**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4090-0008 | 000831 | 8 | STX T8 x 60 - T10 x 80 - T15 x 80 - T20 x 100 T25 x 100 - T27 x 115 - T30 x 115 - T40 x 130 | 740 | 10 |

# POLAR
## SCREWDRIVERS AND BITS

### 4035 HBP **SCREWDRIVERS WITH BALLPOINT FOR HEX HEAD SCREWS**

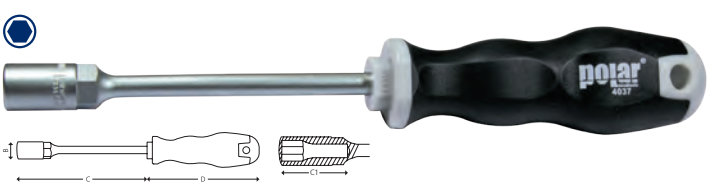
- Ergonomic soft grip handle.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | SIZE MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4035-0025 | 015262 | 2,5 | 100 | 85 | 185 | 33 | 10 |
| 4035-0030 | 015279 | 3 | 100 | 85 | 185 | 34 | 10 |
| 4035-0040 | 015286 | 4 | 100 | 105 | 205 | 68 | 10 |
| 4035-0050 | 015293 | 5 | 100 | 105 | 205 | 70 | 10 |
| 4035-0060 | 015309 | 6 | 125 | 115 | 240 | 105 | 10 |
| 4035-0080 | 015316 | 8 | 150 | 128 | 278 | 177 | 10 |
| 4035-0100 | 015323 | 10 | 150 | 128 | 278 | 229 | 10 |

### 4037 **NUT DRIVERS**

ISO 2236

- Ergonomic soft grip handle.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | C1 MM | D MM | | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 4037-0005 | 029597 | 5 | 125 | 25 | 105 | 9 | 230 | 70 | 10 |
| 4037-0055 | 029603 | 5,5 | 125 | 25 | 105 | 8 | 230 | 70 | 10 |
| 4037-0006 | 029610 | 6 | 125 | 26 | 115 | 9 | 240 | 98 | 10 |
| 4037-0007 | 029627 | 7 | 125 | 26 | 115 | 9 | 240 | 96 | 10 |
| 4037-0008 | 029634 | 8 | 125 | 25 | 115 | 11 | 240 | 112 | 10 |
| 4037-0009 | 029641 | 9 | 125 | 25 | 115 | 12 | 240 | 118 | 10 |
| 4037-0010 | 029658 | 10 | 125 | 25 | 126 | 13 | 251 | 158 | 10 |
| 4037-0011 | 029665 | 11 | 125 | 25 | 126 | 14 | 251 | 164 | 10 |
| 4037-0012 | 029672 | 12 | 125 | 25 | 126 | 15 | 251 | 168 | 10 |
| 4037-0013 | 029689 | 13 | 125 | 25 | 126 | 16 | 251 | 172 | 10 |
| 4037-0014 | 042923 | 14 | 125 | 27 | 126 | 17 | 251 | 178 | 10 |

### 4042 F **FLEXIBLE HEXAGONAL NUT DRIVERS**

- Ergonomic soft grip handle.
- Maximum torque: 10 Nm.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH / MM | C MM | D MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 4042-0014 | 006987 | 1/4" | 160 | 115 | 275 | 135 | 10 | |
| 4042-0060 | 006963 | 6 mm | 160 | 115 | 275 | 135 | 10 | |
| 4042-0070 | 006970 | 7 mm | 160 | 115 | 275 | 135 | 10 | 612376 |

### 4043 M **1/4" MAGNETIC BIT HOLDING SCREWDRIVER**

- Ergonomic soft grip handle.
- Model with 6 mm hexagonal blade.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4043-0014 | 006994 | 1/4" | 100 | 115 | 215 | 106 | 10 |

## 4045 S/5 **3-IN-1 RATCHET BIT SCREWDRIVER**

- 3 different handle positions.
- Magnetic bit holding ratchet screwdriver with 10 teeth.
- 5 pcs. bit holder inside the handle.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.
- Content:
  1 Bits for slotted head screws 4514 1/4" 6 mm
  2 Bits for Phillips® screws 4514 1/4" PH 1 - 2
  2 Bits for Pozidriv® screws 4514 1/4" PZ 1 - 2

| ITEM NO. | 5704196+ | DIMENSIONS MM | G | |
|---|---|---|---|---|
| 4045-0005 | 019024 | 200 x 35 mm | 250 | 1 |

## 4400 **SCREWDRIVERS FOR SLOTTED HEAD SCREWS**

- Ergonomic soft grip handle.
- Revolving head for precision action.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | A X B X C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4400-0010 | 014937 | 0,2 x 1 x 40 | 98 | 138 | 12 | 10 |
| 4400-0015 | 014944 | 0,4 x 1,5 x 40 | 98 | 138 | 12 | 10 |
| 4400-0018 | 014951 | 0,4 x 1,8 x 75 | 98 | 173 | 13 | 10 |
| 4400-0020 | 014968 | 0,5 x 2 x 75 | 98 | 173 | 13 | 10 |
| 4400-0025 | 014975 | 0,5 x 2,5 x 75 | 98 | 173 | 14 | 10 |
| 4400-0030 | 014982 | 0,5 x 3 x 75 | 98 | 173 | 16 | 10 |

## 4410 PH **SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS**

- Ergonomic soft grip handle.
- Revolving head for precision action.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4410-0000 | 014999 | 000 | 40 | 98 | 138 | 12 | 10 |
| 4410-0010 | 015002 | 00 | 75 | 98 | 173 | 14 | 10 |
| 4410-0100 | 015019 | 0 | 75 | 98 | 173 | 16 | 10 |
| 4410-0101 | 015026 | 1 | 75 | 98 | 173 | 21 | 10 |

## 4431 TX **SCREWDRIVERS FOR TORX® HEAD SCREWS**

- Ergonomic soft grip handle.
- Revolving head for precision action.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4431-0005 | 015095 | T5 | 1,35 | 40 | 98 | 138 | 12 | 10 |
| 4431-0006 | 015101 | T6 | 1,70 | 40 | 98 | 138 | 12 | 10 |
| 4431-0007 | 015118 | T7 | 1,99 | 40 | 98 | 138 | 13 | 10 |
| 4431-0008 | 015125 | T8 | 2,31 | 40 | 98 | 138 | 13 | 10 |
| 4431-0009 | 015132 | T9 | 2,50 | 75 | 98 | 173 | 16 | 10 |
| 4431-0010 | 015149 | T10 | 2,72 | 75 | 98 | 173 | 16 | 10 |
| 4431-0015 | 015156 | T15 | 3,26 | 75 | 98 | 173 | 19 | 10 |
| 4431-0020 | 015163 | T20 | 3,86 | 75 | 98 | 173 | 21 | 10 |

## 4430 STX **SCREWDRIVERS FOR TAMPER RESISTANT® TORX® HEAD SCREWS**

- Ergonomic soft grip handle.
- Revolving head for precision action.
- Surface: Chrome plated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4430-0007 | 015033 | T7 | 1,99 | 40 | 98 | 138 | 13 | 10 |
| 4430-0008 | 015040 | T8 | 2,31 | 40 | 98 | 138 | 13 | 10 |
| 4430-0009 | 015057 | T9 | 2,50 | 75 | 98 | 173 | 16 | 10 |
| 4430-0010 | 015064 | T10 | 2,72 | 75 | 98 | 173 | 16 | 10 |
| 4430-0015 | 015071 | T15 | 3,26 | 75 | 98 | 173 | 19 | 10 |
| 4430-0020 | 015088 | T20 | 3,86 | 75 | 98 | 173 | 21 | 10 |

# POLAR
## SCREWDRIVERS AND BITS

## 4490 S/8 **SCREWDRIVER SET**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4490-0008 | 014913 | 8 | 1,0 x 40 - 1,5 x 40 - 1,8 x 78 - 2,0 x 75 - 2,5 x 75<br>PH00 x 75 - PH0 x 75 - PH1 x 75 | 154 | 1 |
| P4490-0008 | 027050 | 1 | Empty pouch for 4490-0008 | 46 | 1 |

## 4490 TXS/8 **SCREWDRIVER SET FOR TORX® HEAD SCREWS**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4490-1008 | 014920 | 8 | TX T5 x 40 - T6 x 40 - T7 x 40 - T8 x 40 - T9 x 75<br>T10x75 - T15x75 - T20x75 | 161 | 1 |
| P4490-1008 | 027067 | 1 | Empty pouch for 4490-1008 | 46 | 1 |

## 4490 A **PRECISION BITS AND SOCKET WRENCH SET**

**ITEM NO. 4490-0031**

- Set in metal box with 19 pcs. 4 mm bits, 10 pcs. 1/4" sockets, 1/4" adaptor and bit holding screwdriver.
- 31 tools.

200 MM × 30 MM × 108 MM

0,61 KG

5704196 015170

20

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | 4 mm bits for slotted head screws | 2 - 2.5 - 3 - 4 mm |
| 2 | 4 mm bits for Phillips® screws | PH 00 - 0 |
| 2 | 4 mm bits for Pozidriv® screws | PZ 00 - 0 |
| 5 | 4 mm bits for Torx® screws | TX T6 - T7 - T8 - T9 - T10 |
| 3 | 4 mm bits for hex head screws | H 1.5 - 2 - 2.5 |
| 3 | 4 mm bits for hex head screws | HBP 1.5 - 2 - 2.5 |
| 5 | 1/4" 6-point sockets | 3.2 - 4 - 5 - 5.5 - 7 mm |
| 5 | 1/4" sockets for Torx® screws | NTX E4 - E5 - E6 - E7 - E8 |
| 1 | Adaptor | 4 mm x 1/4" |
| 1 | Bit holding screwdriver | 4 mm |

# L-SHAPED WRENCHES

*Practical holder.*

*Material: Chrome-vanadium steel.*

*Available with different shapes and sizes.*

## 4100 **METRIC HEXAGON KEYS**

ISO 2936, DIN 911

- Surface: Phosphatised finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 4100-0015 | 012797 | 1,5 | 14 | 45 | 1 | 1 | 611242 |
| 4100-0002 | 012803 | 2 | 15 | 50 | 2 | 1 | 611243 |
| 4100-0025 | 012810 | 2,5 | 18 | 55 | 3 | 1 | 611245 |
| 4100-0003 | 012827 | 3 | 20 | 62 | 5 | 10 | 611246 |
| 4100-0004 | 012834 | 4 | 23 | 70 | 10 | 1 | 611247 |
| 4100-0005 | 012841 | 5 | 29 | 80 | 18 | 10 | 611248 |
| 4100-0006 | 012858 | 6 | 32 | 90 | 30 | 1 | 611249 |
| 4100-0007 | 012865 | 7 | 34 | 95 | 43 | 1 | 611250 |
| 4100-0008 | 012872 | 8 | 36 | 100 | 60 | 1 | 611251 |
| 4100-0009 | 012889 | 9 | 38 | 105 | 80 | 1 | 611252 |
| 4100-0010 | 012896 | 10 | 40 | 112 | 105 | 1 | 611253 |
| 4100-0012 | 012902 | 12 | 45 | 125 | 170 | 1 | 611254 |
| 4100-0014 | 012919 | 14 | 54 | 140 | 265 | 1 | 611255 |
| 4100-0017 | 012926 | 17 | 61 | 160 | 440 | 1 | 611257 |
| 4100-0019 | 012933 | 19 | 70 | 180 | 625 | 1 | 611258 |
| 4100-0022 | 012940 | 22 | 80 | 200 | 935 | 1 | 611260 |
| 4100-0024 | 012957 | 24 | 90 | 225 | 1250 | 1 | 611262 |
| 4100-0027 | 037998 | 27 | 125 | 280 | 1740 | 1 | |

## 4190 S/11 **HEX KEY SET**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 4190-0011 | 042657 | 11 | 4100 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 | 740 | 5 |

# POLAR
## SCREWDRIVERS AND BITS

## 4105 BP **LONG METRIC HEXAGON KEYS WITH BALLPOINT**

- The ballpoint provides a working angle up to 25°.
- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4105-0015 | 012575 | 1,5 | 15 | 74 | 1 | 1 |
| 4105-0002 | 012582 | 2 | 16 | 80 | 3 | 1 |
| 4105-0025 | 012599 | 2,5 | 18 | 87 | 5 | 1 |
| 4105-0003 | 012605 | 3 | 20 | 96 | 7 | 10 |
| 4105-0004 | 012612 | 4 | 24 | 107 | 14 | 10 |
| 4105-0005 | 012629 | 5 | 28 | 120 | 26 | 10 |
| 4105-0006 | 012636 | 6 | 32 | 136 | 42 | 10 |
| 4105-0007 | 012643 | 7 | 34 | 144 | 60 | 1 |
| 4105-0008 | 012650 | 8 | 36 | 154 | 84 | 1 |
| 4105-0010 | 012667 | 10 | 40 | 172 | 147 | 1 |
| 4105-0012 | 028286 | 12 | 56 | 215 | 240 | 1 |
| 4105-0014 | 028293 | 14 | 69 | 245 | 370 | 1 |

## 4106 BP **XTRA LONG METRIC HEXAGON KEYS WITH BALLPOINT**

- The ballpoint provides a working angle up to 25°.
- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4106-0015 | 043579 | 1,5 | 15 | 90 | 1 | 1 |
| 4106-0002 | 043586 | 2 | 16 | 100 | 3 | 1 |
| 4106-0025 | 043593 | 2,5 | 18 | 112 | 4 | 1 |
| 4106-0003 | 043609 | 3 | 20 | 125 | 6 | 1 |
| 4106-0004 | 043616 | 4 | 24 | 140 | 14 | 1 |
| 4106-0005 | 043623 | 5 | 28 | 160 | 30 | 1 |
| 4106-0006 | 043630 | 6 | 32 | 180 | 48 | 1 |
| 4106-0008 | 043647 | 8 | 36 | 200 | 100 | 1 |
| 4106-0010 | 043654 | 10 | 40 | 220 | 174 | 1 |

## 4195 LS/9 **LONG METRIC HEXAGON KEY SET WITH BALLPOINT**

- Supplied in plastic holder.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 4195-0009 | 012537 | 9 | 4105 BP 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm | 354 | 6 | 611281 |

## 4196 XLS/9 **XTRA LONG METRIC HEXAGON KEY SET WITH BALLPOINT**

- Supplied in plastic holder.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 4196-0009 | 039800 | 9 | 4106 BP 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm | 435 | 6 |

# POLAR
## SCREWDRIVERS AND BITS

## 4105 IBP **LONG INCH HEXAGON KEYS WITH BALLPOINT**

- The ballpoint provides a working angle up to 25°.
- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4105-1001 | 043753 | 0.05 | 12 | 72 | 1 | 1 |
| 4105-1002 | 012674 | 1/16" | 15 | 74 | 1 | 1 |
| 4105-1025 | 012681 | 5/64" | 16 | 80 | 3 | 1 |
| 4105-1003 | 012698 | 3/32" | 18 | 87 | 4 | 1 |
| 4105-1035 | 012704 | 7/64" | 19 | 92 | 6 | 1 |
| 4105-1004 | 012711 | 1/8" | 20 | 98 | 8 | 1 |
| 4105-1045 | 012728 | 9/64" | 22 | 104 | 11 | 1 |
| 4105-1005 | 012735 | 5/32" | 24 | 110 | 15 | 1 |
| 4105-1006 | 012742 | 3/16" | 26 | 120 | 23 | 1 |
| 4105-1007 | 012759 | 7/32" | 28 | 130 | 34 | 1 |
| 4105-1008 | 012766 | 1/4" | 32 | 141 | 48 | 1 |
| 4105-1010 | 012773 | 5/16" | 34 | 154 | 83 | 1 |
| 4105-1012 | 012780 | 3/8" | 38 | 172 | 133 | 1 |

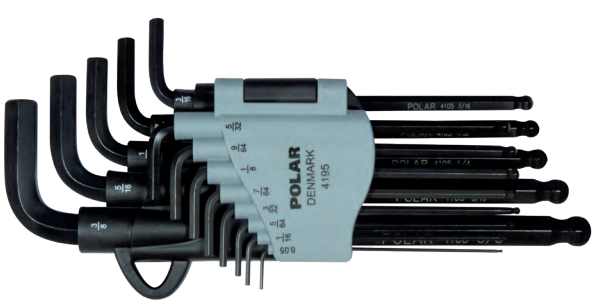
## 4106 IBP **XTRA LONG INCH HEXAGON KEYS WITH BALLPOINT**

- The ballpoint provides a working angle up to 25°.
- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4106-1001 | 043449 | 0.05 | 12 | 82 | 1 | 1 |
| 4106-1002 | 043456 | 1/16" | 15 | 91 | 2 | 1 |
| 4106-1025 | 043463 | 5/64" | 16 | 100 | 2 | 1 |
| 4106-1003 | 043470 | 3/32" | 18 | 110 | 4 | 1 |
| 4106-1035 | 043487 | 7/64" | 19 | 116 | 6 | 1 |
| 4106-1004 | 043494 | 1/8" | 20 | 123 | 8 | 1 |
| 4106-1045 | 043500 | 9/64" | 22 | 128 | 12 | 1 |
| 4106-1005 | 043517 | 5/32" | 24 | 135 | 16 | 1 |
| 4106-1006 | 043524 | 3/16" | 26 | 150 | 26 | 1 |
| 4106-1007 | 043531 | 7/32" | 28 | 164 | 38 | 1 |
| 4106-1008 | 043548 | 1/4" | 32 | 182 | 56 | 1 |
| 4106-1010 | 043555 | 5/16" | 34 | 200 | 96 | 1 |
| 4106-1012 | 043562 | 3/8" | 38 | 219 | 154 | 1 |

## 4195 LIS/13 **LONG INCH HEXAGON KEY SET WITH BALLPOINT**

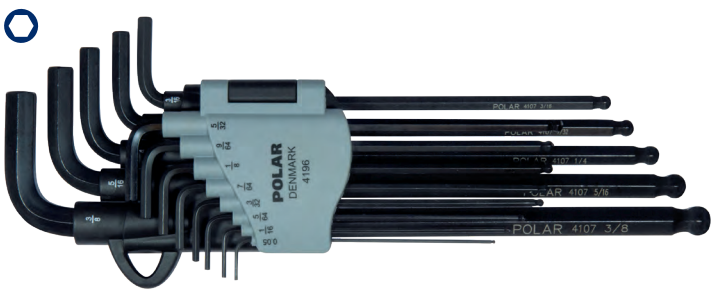
- Supplied in plastic holder.




| ITEM NO. | 5704196+ | QTY. | SIZE INCH | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 4195-1013 | 039794 | 13 | 4105 IBP 0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8" | 388 | 6 | 611282 |

## 4196 XLIS/13 **XTRA LONG INCH HEXAGON KEY SET WITH BALLPOINT**

- Supplied in plastic holder.




| ITEM NO. | 5704196+ | QTY. | SIZE INCH | G | |
|---|---|---|---|---|---|
| 4196-1013 | 039817 | 13 | 4106 IBP 0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8" | 482 | 6 |

# POLAR
## SCREWDRIVERS AND BITS

### 4131 TX **LONG KEY FOR TORX® HEAD SCREWS**

- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4131-0008 | 019260 | T8 | 2,31 | 16 | 80 | 6 | 10 |
| 4131-0009 | 019277 | T9 | 2,50 | 16 | 82 | 7 | 10 |
| 4131-0010 | 019284 | T10 | 2,74 | 17 | 86 | 7 | 10 |
| 4131-0015 | 019291 | T15 | 3,27 | 18 | 89 | 8 | 10 |
| 4131-0020 | 019307 | T20 | 3,86 | 19 | 94 | 12 | 10 |
| 4131-0025 | 019314 | T25 | 4,43 | 20 | 99 | 18 | 10 |
| 4131-0027 | 019321 | T27 | 4,99 | 22 | 105 | 19 | 10 |
| 4131-0030 | 019338 | T30 | 5,52 | 24 | 114 | 28 | 10 |
| 4131-0040 | 019345 | T40 | 6,65 | 26 | 123 | 40 | 10 |
| 4131-0045 | 019352 | T45 | 7,82 | 28 | 130 | 67 | 10 |
| 4131-0050 | 019369 | T50 | 8,83 | 32 | 152 | 78 | 10 |

### 4135 TXBP **LONG KEY FOR TORX® HEAD SCREWS WITH BALL POINT**

- The ballpoint provides a working angle up to 25°.
- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4135-0008 | 043661 | T8 | 2,31 | 16 | 79 | 3 | 10 |
| 4135-0009 | 043678 | T9 | 2,50 | 16 | 83 | 3 | 10 |
| 4135-0010 | 043685 | T10 | 2,74 | 17 | 86 | 4 | 10 |
| 4135-0015 | 043692 | T15 | 3,27 | 18 | 90 | 6 | 10 |
| 4135-0020 | 043708 | T20 | 3,86 | 19 | 94 | 10 | 10 |
| 4135-0025 | 043715 | T25 | 4,43 | 20 | 99 | 16 | 10 |
| 4135-0027 | 043722 | T27 | 4,99 | 22 | 103 | 16 | 10 |
| 4135-0030 | 043739 | T30 | 5,52 | 24 | 113 | 26 | 10 |
| 4135-0040 | 043746 | T40 | 6,65 | 26 | 124 | 38 | 10 |

### 4190 LTXS/9 **LONG KEY SET FOR TORX® HEAD SCREWS**

- Supplied in plastic holder.

| ITEM NO. | 5704196+ | QTY. | SIZE INCH | G | |
|---|---|---|---|---|---|
| 4190-6009 | 012551 | 9 | 4131 TX T8-T9-T10-T15-T20-T25-T27-T30-T40 | 176 | 6 |

### 4192 LTXS/9 **LONG KEY SET FOR TORX® HEAD SCREWS WITH BALL POINT**

- Supplied in plastic holder.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4192-0009 | 039824 | 9 | 4135 TXBP T8-T9-T10-T15-T20-T25-T27-T30-T40 | 175 | 6 |

# POLAR
## SCREWDRIVERS AND BITS

### 4195 FS/8 **METRIC HEXAGON KEY SET WITH BALLPOINT**

- Compact holder with comfortable grip.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 4195-0008 | 012506 | 8 | 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 mm | 168 | 24 |

### 4190 FTXS/8 **KEY SET FOR TORX® HEAD SCREWS**

- Compact holder with comfortable grip.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4190-6008 | 012520 | 8 | TX T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 | 162 | 24 |

### 4195 FIS/9 **INCH HEXAGON KEY SET**

- Compact holder with comfortable grip.

| ITEM NO. | 5704196+ | QTY. | SIZE INCH | G | |
|---|---|---|---|---|---|
| 4195-1009 | 012513 | 9 | 5/64-3/32-7/64-1/8-9/64-5/32-3/16-7/32-1/4" | 154 | 24 |

### 4190 S/30 **METRIC AND INCH HEXAGON KEY SET**

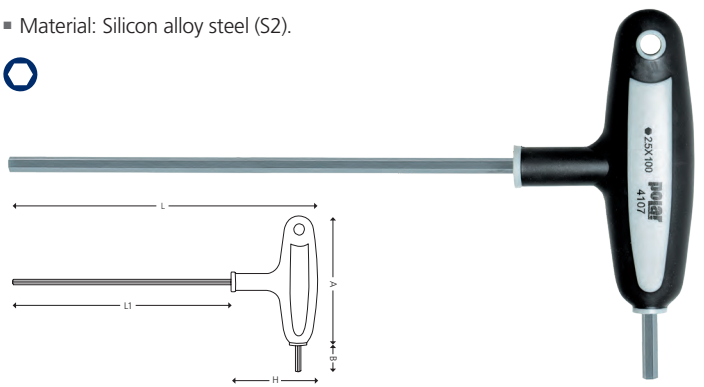
- Supplied in plast box.
- Content:
  15 Metric hexagon keys:
  0.7 - 0.9 - 1.3 - 1.5 - 2 - 2.5 - 3 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 10 mm
  15 Inch hexagon keys:
  0.028 - 0.035 - 0.05 - 1/16 - 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 - 3/16 - 7/32 - 1/4 - 5/16 - 3/8"

| ITEM NO. | 5704196+ | QTY. | DIMENSIONS | KG | |
|---|---|---|---|---|---|
| 4190-0030 | 012568 | 30 | 130 x 190 x 33 mm | 0,85 | 6 |

# POLAR
## SCREWDRIVERS AND BITS

## 4107 T-HANDLE HEX SCREWDRIVERS

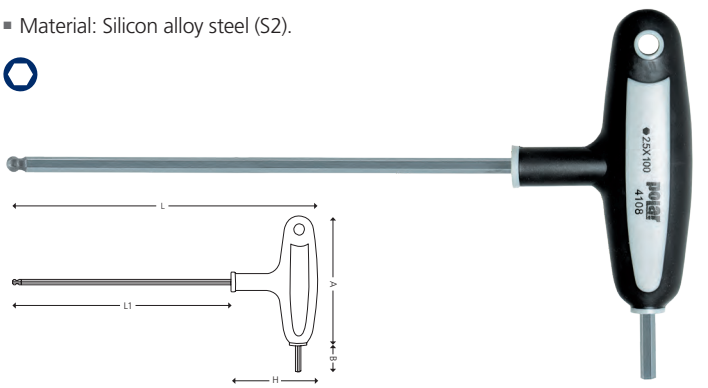
- Material: Silicon alloy steel (S2).




| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | H MM | L MM | L1 MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 4107-0002 | 028606 | 2 | 90 | 18 | 60 | 160 | 100 | 39 | 10 |
| 4107-0025 | 028613 | 2,5 | 90 | 18 | 60 | 160 | 100 | 42 | 10 |
| 4107-0003 | 028620 | 3 | 90 | 18 | 60 | 160 | 100 | 46 | 10 |
| 4107-0004 | 028637 | 4 | 90 | 18 | 60 | 210 | 150 | 60 | 10 |
| 4107-0005 | 028644 | 5 | 90 | 18 | 60 | 210 | 150 | 75 | 10 |
| 4107-0006 | 028651 | 6 | 115 | 20 | 68 | 218 | 150 | 119 | 10 |
| 4107-0008 | 028675 | 8 | 115 | 20 | 68 | 268 | 200 | 187 | 10 |
| 4107-0010 | 028682 | 10 | 115 | 20 | 68 | 268 | 200 | 267 | 10 |

## 4108 T-HANDLE HEX SCREWDRIVERS WITH BALL POINT

- Material: Silicon alloy steel (S2).




| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | H MM | L MM | L1 MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 4108-0002 | 030128 | 2 | 90 | 18 | 60 | 160 | 100 | 39 | 10 |
| 4108-0025 | 030135 | 2,5 | 90 | 18 | 60 | 160 | 100 | 42 | 10 |
| 4108-0003 | 030142 | 3 | 90 | 18 | 60 | 160 | 100 | 46 | 10 |
| 4108-0004 | 030159 | 4 | 90 | 18 | 60 | 210 | 150 | 60 | 10 |
| 4108-0005 | 030166 | 5 | 90 | 18 | 60 | 210 | 150 | 75 | 10 |
| 4108-0006 | 030173 | 6 | 115 | 20 | 68 | 218 | 150 | 119 | 10 |
| 4108-0008 | 030180 | 8 | 115 | 20 | 68 | 268 | 200 | 187 | 10 |
| 4108-0010 | 030197 | 10 | 115 | 20 | 68 | 268 | 200 | 267 | 10 |

## 4197 T-HANDLE SCREWDRIVER SET - HEX

- Supplied in practical holder.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 4197-0008 | 028682 | 8 | 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm | 1140 | 10 |

## 4137 T-HANDLE TORX® SCREWDRIVERS

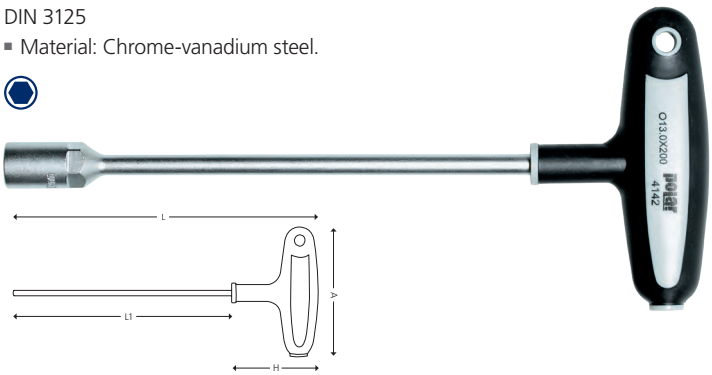
- Material: Silicon alloy steel (S2).

| ITEM NO. | 5704196+ | TORX® NO. | MM | A MM | B MM | H MM | L MM | L1 MM | G | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4137-0008 | 028699 | TX 8 | 2,31 | 90 | 18 | 60 | 160 | 100 | 45 | 10 |
| 4137-0010 | 028712 | TX 10 | 2,74 | 90 | 18 | 60 | 160 | 100 | 53 | 10 |
| 4137-0015 | 028729 | TX 15 | 3,27 | 90 | 18 | 60 | 160 | 100 | 53 | 10 |
| 4137-0020 | 028736 | TX 20 | 3,86 | 90 | 18 | 60 | 160 | 100 | 53 | 10 |
| 4137-0025 | 028743 | TX 25 | 4,43 | 90 | 18 | 60 | 210 | 150 | 71 | 10 |
| 4137-0027 | 028750 | TX 27 | 4,99 | 90 | 18 | 60 | 210 | 150 | 72 | 10 |
| 4137-0030 | 028774 | TX 30 | 5,52 | 90 | 18 | 60 | 210 | 150 | 88 | 10 |
| 4137-0040 | 028781 | TX 40 | 6,65 | 115 | 20 | 68 | 268 | 200 | 148 | 10 |
| 4137-0045 | 028798 | TX 45 | 7,82 | 115 | 20 | 68 | 268 | 200 | 176 | 10 |
| 4137-0050 | 028804 | TX 50 | 8,83 | 115 | 20 | 68 | 268 | 200 | 208 | 10 |

## 4142 T-HANDLE SCREWDRIVERS - HEX NUTSPINNER

DIN 3125

- Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | SIZE MM | A MM | H MM | L MM | L1 MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4142-0005 | 028309 | 5 | 115 | 68 | 268 | 200 | 104 | 10 |
| 4142-0055 | 028316 | 5,5 | 115 | 68 | 268 | 200 | 106 | 10 |
| 4142-0006 | 028323 | 6 | 115 | 68 | 268 | 200 | 121 | 10 |
| 4142-0007 | 028330 | 7 | 115 | 68 | 268 | 200 | 119 | 10 |
| 4142-0008 | 028347 | 8 | 115 | 68 | 268 | 200 | 143 | 10 |
| 4142-0009 | 028354 | 9 | 115 | 68 | 268 | 200 | 146 | 10 |
| 4142-0010 | 028361 | 10 | 115 | 68 | 268 | 200 | 171 | 10 |
| 4142-0011 | 028387 | 11 | 115 | 68 | 268 | 200 | 178 | 10 |
| 4142-0012 | 028385 | 12 | 115 | 68 | 268 | 200 | 178 | 10 |
| 4142-0013 | 028392 | 13 | 115 | 68 | 268 | 200 | 182 | 10 |
| 4142-0014 | 028408 | 14 | 115 | 68 | 268 | 200 | 182 | 10 |
| 4142-0017 | 028415 | 17 | 115 | 68 | 268 | 200 | 208 | 10 |

## 4197 T-HANDLE SCREWDRIVER SET - TORX®

- Supplied in practical holder.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 4197-1008 | 028804 | 8 | T10 - T15 - T20 - T25 - T30 - T40 - T45 - T50 | 1150 | 10 |

# BITS AND -SETS

## 1/4" BITS AND ACCESSORIES

### 4514 **1/4" BITS FOR SLOTTED HEAD SCREWS**

ISO 1173/2351, DIN 3126 C 6,3/3127

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | A X B MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-0030 | 025872 | 0,5 x 3,0 | 25 | 1 | 4 | 1 |
| 4514-0035 | 007120 | 0,5 x 3,5 | 25 | 10 | 5 | 24 |
| 4514-0040 | 044620 | 0,6 x 4,0 | 25 | 1 | 5 | 1 |
| 4514-0045 | 007137 | 0,6 x 4,5 | 25 | 10 | 5 | 24 |
| 4514-0050 | 025889 | 0,8 x 5,0 | 25 | 1 | 5 | 1 |
| 4514-0055 | 007144 | 1,0 x 5,5 | 25 | 10 | 5 | 24 |
| 4514-0065 | 007151 | 1,2 x 6,5 | 25 | 10 | 6 | 24 |
| 4514-0080 | 007168 | 1,2 x 8,0 | 25 | 10 | 6 | 24 |

### 4514 PH **1/4" BITS FOR PHILLIPS® SCREWS**

ACR

ISO 1173/8764, DIN 3126 C 6,3/3128

- ACR profile for maximum bite into fasteners.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PH | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-1000 | 025896 | 0 | 25 | 1 | 4 | 1 |
| 4514-1001 | 011363 | 1 | 25 | 10 | 5 | 24 |
| 4514-1002 | 011370 | 2 | 25 | 10 | 6 | 24 |
| 4514-1902 | 015958 | 2 | 25 | 50 | 6 | 30 |
| 4514-1003 | 011387 | 3 | 25 | 10 | 6 | 24 |
| 4514-1004 | 025902 | 4 | 25 | 1 | 7 | 1 |

### 4514 PH R **1/4" BITS FOR PHILLIPS® SCREWS**

ACR

ISO 1173/8764, DIN 3126 C 6,3/3128

- ACR profile for maximum bite into fasteners.
- Slim model for drywall screws.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PH | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-1502 | 007205 | 2 | 25 | 10 | 6 | 24 |

## 4514 PZ **1/4" BITS FOR POZIDRIV® SCREWS**

ACR

ISO 1173/8764, DIN 3126 C 6,3

- ACR profile for maximum bite into fasteners.
- Surface: Sandblasted and oiled.
- Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PZ | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-2000 | 025919 | 0 | 25 | 1 | 4 | 1 |
| 4514-2001 | 011264 | 1 | 25 | 10 | 5 | 24 |
| 4514-2002 | 011301 | 2 | 25 | 10 | 6 | 24 |
| 4514-2902 | 015965 | 2 | 25 | 50 | 6 | 30 |
| 4514-2003 | 011318 | 3 | 25 | 10 | 6 | 24 |
| 4514-2004 | 025902 | 4 | 25 | 1 | 7 | 1 |

## 4514 TX **1/4" BITS FOR TORX® HEAD SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled.
- Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4514-4105 | 025773 | T5 | 1,40 | 25 | 1 | 4 | 1 |
| 4514-4106 | 025780 | T6 | 1,70 | 25 | 1 | 4 | 1 |
| 4514-4107 | 025797 | T7 | 1,99 | 25 | 1 | 4 | 1 |
| 4514-4108 | 025803 | T8 | 2,31 | 25 | 1 | 5 | 1 |
| 4514-4109 | 015781 | T9 | 2,50 | 25 | 10 | 5 | 24 |
| 4514-4110 | 015798 | T10 | 2,74 | 25 | 10 | 5 | 24 |
| 4514-4910 | 015897 | T10 | 2,74 | 25 | 50 | 5 | 30 |
| 4514-4115 | 015804 | T15 | 3,27 | 25 | 10 | 5 | 24 |
| 4514-4915 | 015903 | T15 | 3,27 | 25 | 50 | 5 | 30 |
| 4514-4120 | 015811 | T20 | 3,86 | 25 | 10 | 5 | 24 |
| 4514-4920 | 015910 | T20 | 3,86 | 25 | 50 | 5 | 30 |
| 4514-4125 | 015828 | T25 | 4,43 | 25 | 10 | 5 | 24 |
| 4514-4925 | 015927 | T25 | 4,43 | 25 | 50 | 5 | 30 |
| 4514-4127 | 015835 | T27 | 4,99 | 25 | 10 | 6 | 24 |
| 4514-4927 | 015934 | T27 | 4,99 | 25 | 50 | 6 | 30 |
| 4514-4130 | 015842 | T30 | 5,52 | 25 | 10 | 6 | 24 |
| 4514-4930 | 015941 | T30 | 5,52 | 25 | 50 | 6 | 30 |
| 4514-4140 | 015859 | T40 | 6,65 | 25 | 10 | 6 | 24 |
| 4514-4145 | 015866 | T45 | 7,82 | 25 | 10 | 7 | 24 |
| 4514-4150 | 015873 | T50 | 8,83 | 25 | 10 | 7 | 24 |

## 4514 STX **1/4" BITS FOR TAMPER RESISTANT® TORX® HEAD SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4514-4006 | 025933 | T6 | 1,70 | 25 | 1 | 4 | 1 |
| 4514-4007 | 025940 | T7 | 1,99 | 25 | 1 | 4 | 1 |
| 4514-4008 | 025597 | T8 | 2,31 | 25 | 1 | 5 | 1 |
| 4514-4009 | 007359 | T9 | 2,50 | 25 | 10 | 5 | 24 |
| 4514-4010 | 007366 | T10 | 2,74 | 25 | 10 | 5 | 24 |
| 4514-4015 | 007373 | T15 | 3,27 | 25 | 10 | 5 | 24 |
| 4514-4020 | 007380 | T20 | 3,86 | 25 | 10 | 5 | 24 |
| 4514-4025 | 007397 | T25 | 4,43 | 25 | 10 | 5 | 24 |
| 4514-4027 | 007403 | T27 | 4,99 | 25 | 10 | 6 | 24 |
| 4514-4030 | 007410 | T30 | 5,52 | 25 | 10 | 6 | 24 |
| 4514-4040 | 007427 | T40 | 6,65 | 25 | 10 | 6 | 24 |
| 4514-4045 | 013732 | T45 | 7,82 | 25 | 10 | 7 | 24 |
| 4514-4050 | 013749 | T50 | 8,83 | 25 | 10 | 7 | 24 |

## 4514 H **1/4" BITS FOR HEX HEAD SCREWS**

ISO 1173/3109, DIN 3126 C 6,3/7426

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-5015 | 025964 | 1,5 | 25 | 1 | 4 | 1 |
| 4514-5020 | 007250 | 2 | 25 | 10 | 5 | 24 |
| 4514-5025 | 025971 | 2,5 | 25 | 1 | 5 | 1 |
| 4514-5030 | 007274 | 3 | 25 | 10 | 5 | 24 |
| 4514-5040 | 007281 | 4 | 25 | 10 | 5 | 24 |
| 4514-5050 | 007298 | 5 | 25 | 10 | 6 | 24 |
| 4514-5055 | 025988 | 5,5 | 25 | 1 | 6 | 1 |
| 4514-5060 | 007304 | 6 | 25 | 10 | 6 | 24 |
| 4514-5070 | 011011 | 7 | 25 | 10 | 6 | 24 |
| 4514-5080 | 007311 | 8 | 25 | 10 | 8 | 24 |

## 4514 HB **1/4" BITS FOR HEX HEAD BORE HOLE SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-5115 | 025995 | 1,5 | 25 | 1 | 4 | 1 |
| 4514-5120 | 026008 | 2 | 25 | 1 | 5 | 1 |
| 4514-5125 | 026015 | 2,5 | 25 | 1 | 5 | 1 |
| 4514-5130 | 026022 | 3 | 25 | 1 | 5 | 1 |
| 4514-5140 | 026039 | 4 | 25 | 1 | 5 | 1 |
| 4514-5150 | 026046 | 5 | 25 | 1 | 6 | 1 |
| 4514-5155 | 026053 | 5,5 | 25 | 1 | 6 | 1 |
| 4514-5160 | 026060 | 6 | 25 | 1 | 6 | 1 |
| 4514-5170 | 026077 | 7 | 25 | 1 | 7 | 1 |
| 4514-5180 | 026084 | 8 | 25 | 1 | 7 | 1 |

# POLAR
## SCREWDRIVERS AND BITS

### 4514 HBI **1/4" BITS FOR HEX HEAD BORE HOLE SCREWS - INCH**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-5225 | 026091 | 5/64" | 25 | 1 | 4 | 1 |
| 4514-5203 | 026107 | 3/32" | 25 | 1 | 5 | 1 |
| 4514-5235 | 026114 | 7/64" | 25 | 1 | 5 | 1 |
| 4514-5204 | 026161 | 1/8" | 25 | 1 | 5 | 1 |
| 4514-5245 | 026138 | 9/64" | 25 | 1 | 6 | 1 |
| 4514-5205 | 026145 | 5/32" | 25 | 1 | 6 | 1 |

### 4514 HOOK **1/4" BITS FOR HOOKS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|
| 4514-7000 | 025810 | 25 | 1 | 8 | 1 |

### 4514 SQ **1/4" BITS FOR SQUARE HEAD SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TYPE | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4514-7100 | 025827 | 0 | 1,9 | 25 | 1 | 2 | 1 |
| 4514-7101 | 025834 | 1 | 2,4 | 25 | 1 | 2 | 1 |
| 4514-7102 | 025841 | 2 | 2,9 | 25 | 1 | 2 | 1 |
| 4514-7103 | 025858 | 3 | 3,4 | 25 | 1 | 2 | 1 |
| 4514-7104 | 025865 | 4 | 4,9 | 25 | 1 | 3 | 1 |

### 4514 SN **1/4" BITS FOR SPANNER SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TYPE | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-7204 | 026152 | SN 4 | 25 | 1 | 4 | 1 |
| 4514-7206 | 026169 | SN 6 | 25 | 1 | 5 | 1 |
| 4514-7208 | 026176 | SN 8 | 25 | 1 | 6 | 1 |
| 4514-7210 | 026183 | SN 10 | 25 | 1 | 6 | 1 |
| 4514-7212 | 026190 | SN 12 | 25 | 1 | 6 | 1 |

### 4514 TS **1/4" BITS FOR TORQ-SET® SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-7304 | 026206 | 4 mm | 25 | 1 | 4 | 1 |
| 4514-7306 | 026213 | 6 mm | 25 | 1 | 5 | 1 |
| 4514-7308 | 026220 | 8 mm | 25 | 1 | 6 | 1 |
| 4514-7310 | 026237 | 10 mm | 25 | 1 | 7 | 1 |
| 4514-7314 | 026244 | 1/4" | 25 | 1 | 5 | 1 |

### 4514 XZN **1/4" BITS FOR XZN SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-7404 | 026251 | XZN M4 | 25 | 1 | 4 | 1 |
| 4514-7405 | 026268 | XZN M5 | 25 | 1 | 5 | 1 |
| 4514-7406 | 026275 | XZN M6 | 25 | 1 | 5 | 1 |
| 4514-7408 | 026282 | XZN M8 | 25 | 1 | 6 | 1 |

### 4514 TW **1/4" BITS FOR TRI-WING® SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TYPE | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-7501 | 026299 | 1 | 25 | 1 | 4 | 1 |
| 4514-7502 | 026305 | 2 | 25 | 1 | 5 | 1 |
| 4514-7503 | 026312 | 3 | 25 | 1 | 5 | 1 |
| 4514-7504 | 026329 | 4 | 25 | 1 | 6 | 1 |
| 4514-7505 | 026336 | 5 | 25 | 1 | 6 | 1 |

### 4514 CG **1/4" BITS FOR CLUTCH G SCREWS**

ISO 1173, DIN 3126 C 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TYPE | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4514-7601 | 026343 | 1 | 25 | 1 | 4 | 1 |
| 4514-7602 | 026350 | 2 | 25 | 1 | 5 | 1 |
| 4514-7603 | 026367 | 3 | 25 | 1 | 6 | 1 |

# POLAR
## SCREWDRIVERS AND BITS

## 4590 H **1/4" BITS SET**

**ITEM NO. 4590-0015**

- Bits set supplied in compact plastic box.
- 15 tools.

97 MM × 30 MM × 50 MM

146 G

5704196 032603

16

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 2 | Bits for slotted head screws | 4514 1/4" C 4 - 6 mm |
| 2 | Bits for Phillips® screws | 4514 1/4" C PH 1 - 2 |
| 2 | Bits for Pozidriv® screws | 4514 1/4" C PZ 1 - 2 |
| 3 | Bits for hex head screws | 4514 1/4" C H 3 - 4 - 5 mm |
| 5 | Bits for Torx® screws | 4514 1/4" C TX T10 - T15 - T20 - T25 - T30 mm |
| 1 | Magnetic bits holder | 4714 QR 65 mm |

*Supplied in sales display (16 pcs.)*

## 4590 I **1/4" BITS SET**

**ITEM NO. 4590-0071**

- Bits set supplied in compact plastic box.
- 71 tools.

154 MM × 35 MM × 96 MM

676 G

5704196 032580

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Bits for slotted head screws | 4514 1/4" C 4 mm (3 pcs.) - 6 mm (3 pcs.) |
| 12 | Bits for Phillips® screws | 4514 1/4" C PH 1 (3 pcs.) - PH 2 (6 pcs.) - PH 3 (3 pcs.) |
| 12 | Bits for Pozidriv® screws | 4514 1/4" C PZ 1 (3 pcs.) - PZ 2 (6 pcs.) - PZ 3 (3 pcs.) |
| 9 | Bits for hex head screws | 4514 1/4" C H 4 mm (3 pcs.) - 5 mm (3 pcs.) - 6 mm (3 pcs.) |
| 21 | Bits for Torx® screws | 4514 1/4" C TX T10 (3 pcs.) - T15 (3 pcs.) - T20 (3 pcs.) - T25 (3 pcs.) - T27 (3 pcs.) - T30 (3 pcs.) - T40 (3 pcs.) |
| 2 | Long bits for slotted head screws | 4514 1/4" C 4 mm - 6 mm |
| 3 | Long bits for Phillips® screws | 4514 1/4" C PH 1 - PH 2 - PH 3 |
| 2 | Long bits for Pozidriv® screws | 4514 1/4" C PZ 1 - PZ 2 |
| 2 | Long bits for Torx® screws | 4514 1/4" C TX T20 - T25 |
| 1 | Magnetic screwdriver bit socket | 4714 M 1/4" 60 mm |
| 1 | Quick-Release screwdriver bit socket | 4714 QR 50 mm |

*Supplied in sales display (10 pcs.)*

## 4590 J **1/4" BITS SET**

**ITEM NO. 4590-0086**

- Bits set supplied in compact plastic box.
- 86 tools.

154 MM × 35 MM × 96 MM

644 G

5704196 032597

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Bits for slotted head screws | 4514 1/4" 4 mm (4 pcs.) - 6 mm (3 pcs.) |
| 18 | Bits for Phillips® screws | 4514 1/4" PH 1 (7 pcs.) - PH 2 (7 pcs.) - PH 3 (4 pcs.) |
| 17 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 (7 pcs.) - PZ 2 (7 pcs.)- PZ 3 (3 pcs.) |
| 21 | Bits for hex head screws | 4514 1/4" H 4 mm (7 pcs.) - 5 mm (7 pcs.) - 6 mm (7 pcs.) |
| 14 | Bits for Torx® screws | 4514 1/4" TX T10 (2 pcs.) - T15 (2 pcs.) - T20 (2 pcs.) - T25 (2 pcs.) - T27 (2 pcs.) - T30 (2 pcs.) - T40 (2 pcs.) |
| 7 | Bits for Tamper Resistant Torx® screws | 4514 1/4" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 1 | Magnetic screwdriver bit socket | 4714 M 1/4" 60 mm |
| 1 | Quick-Release screwdriver bit socket | 4714 QR 1/4" 50 mm |

*Supplied in sales display (10 pcs.)*

# POLAR
## SCREWDRIVERS AND BITS

### 4590 EC **1/4" BITS SET**

**ITEM NO. 4590-0024**

- Bits set supplied in compact plastic box.
- 24 tools.

165 MM × 40 MM × 100 MM

0,47 KG

5704196 014883

20

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 1 | Bits for Phillips® drywall screws | 4514 1/4" PHD 2 |
| 1 | Bits with reduced head for Phillips® screws | 4514 1/4" PHR 2 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 6 | Bits for Torx® screws | 4514 1/4" TX T10 - T15 - T20 - T25 - T30 - T40 |
| 3 | Bits for square head screws | 4514 1/4" SQ 1 - 2 - 3 |
| 1 | Socket adaptor | 4714 1/4 SQ 25 mm |
| 5 | Magnetic nut setters | 4814 1/4" 8 - 10 - 11 - 13 mm / 1/4" |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |

### 4590 A **1/4" BITS SET**

**ITEM NO. 4590-0032**

- Bits set supplied in plastic box.
- 32 tools.

105 MM × 30 MM × 65 MM

0,25 KG

5704196 000848

25

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 10 | Bits for Torx® head screws | 4514 1/4" TX T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 7 | Bits for hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Bits for square head screws | 4514 1/4" SQ 1- 2 |

### 4590 E **1/4" BITS SET**

**ITEM NO. 4590-1032**

- Bits set supplied in plastic box.
- 32 tools.

105 MM × 30 MM × 65 MM

0,25 KG

5704196 017136

5

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 2 |
| 6 | Bits for Pozidriv® screws | 4514 1/4" PZ 2 |
| 6 | Bits for Torx® head screws | 4514 1/4" TX T15 |
| 6 | Bits for Torx® head screws | 4514 1/4" TX T20 |
| 6 | Bits for Torx® head screws | 4514 1/4" TX T25 |
| 3 | Bits for Torx® head screws | 4514 1/4" TX T30 |

## 4590 B **1/4" BITS SET**

**ITEM NO. 4590-0056**

270 MM × 48 MM × 100 MM

1,06 KG

5704196 000855

10

- Bits set in metal box.
- 56 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Magnetic bit holding screwdriver | 4043 1/4" M |
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Socket adaptor | 4714 1/4" SQ 25 mm |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" ACR PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" ACR PZ 1 - 2 - 3 |
| 7 | Bits for Torx® screws | 4514 1/4" TX T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 9 | Bits for Tamper Resistant® Torx® head screws | 4514 1/4" STX T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 7 | Bits for hex head bore hole screws | 4514 1/4" HB 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm |
| 1 | Bits for square head screws | 4514 1/4" SQ 2 |
| 5 | Bits for Spanner screws | 4514 1/4" SN 4 - 6 - 8 - 10 - 12 |
| 4 | Bits for Torq-Set® screws | 4514 1/4" TS 6 - 8 - 10 mm / 1/4" |
| 3 | Bits for XZN screws | 4514 1/4" XZN 5 - 6 - 8 |
| 4 | Bits for Tri-Wing® screws | 4514 1/4" TW 2 - 3 - 4 - 5 |
| 1 | Bits for hooks | 4514 1/4" HOOK |

## 4590 C **1/4" BITS SET**

**ITEM NO. 4590-0109**

370 MM × 50 MM × 140 MM

2,15 KG

5704196 000862

8

- Bits set in metal box.
- 109 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Magnetic bit holding screwdriver | 4043 1/4" M |
| 1 | Magnetic screwdriver bit socket | 4714 1/4" M |
| 1 | Screwdriver bit socket | 4714 1/4" |
| 1 | Flexible extension with Quick-Release screwdriver bit socket | 4714 1/4" QRF |
| 1 | Socket adaptor | 4714 1/4" SQ 25 mm |
| 1 | Socket adaptor | 4714 1/4" SQ 50 mm |
| 6 | Bits for slotted head screws | 4514 1/4" 3 - 3.5 - 4.5 - 5 - 5.5 - 6.5 mm |
| 5 | Bits for Phillips® screws | 4514 1/4" PH 0 - 1 - 2 - 3 - 4 |
| 3 | Bits for Phillips® screws | 4514 1/4" ACR PH 1 - 2 - 3 |
| 1 | Bits with reduced head for Phillips® screws | 4514 1/4" PHR 2 |
| 5 | Bits for Pozidriv® screws | 4514 1/4" PZ 0 - 1 - 2 - 3 - 4 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" ACR PZ 1 - 2 - 3 |
| 15 | Bits for Torx® screws | 4514 1/4" TX T5 - T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |
| 11 | Bits for Tamper Resistant® Torx® head screws | 4514 1/4" STX T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 10 | Bits for hex head screws | 4514 1/4" H 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 mm |
| 10 | Bits for hex head bore hole screws | 4514 1/4" HB 1.5 - 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 - 8 mm |
| 6 | Bits for hex head bore hole screws | 4514 1/4" HBI 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32" |
| 5 | Bits for square head screws | 4514 1/4" SQ 0 - 1 - 2 - 3 - 4 |
| 5 | Bits for Spanner screws | 4514 1/4" SN 4 - 6 - 8 - 10 - 12 |
| 5 | Bits for Torq-Set® screws | 4514 1/4" TS 4 - 6 - 8 - 10 mm / 1/4" |
| 4 | Bits for XZN screws | 4514 1/4" XZN 4 - 5 - 6 - 8 |
| 5 | Bits for Tri-Wing® screws | 4514 1/4" TW 1 - 2 - 3 - 4 - 5 |
| 3 | Bits for Clutch G screws | 4514 1/4" CG 1 - 2 - 3 |
| 1 | Bits for hooks | 4514 1/4" HOOK |

# POLAR
## SCREWDRIVERS AND BITS

## 4590 F **1/4", 3/8" AND 1/2" TORX® SET**

**ITEM NO. 4590-0035**

250 MM × 45 MM × 135 MM

1,9 KG

5704196 017112

10

- Bits- and socket wrench set supplied in metal box.
- 35 tools.

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | Bits for Tamper Resistant® Torx® screws | 4514 1/4" STX T9 - T10 - T15 - T20 |
| 6 | Bits for Tamper Resistant® Torx® screws | 4510 10 mm STX T25 - T27 - T30 - T40 - T45 - T50 |
| 7 | Long bits for Torx® screws, 75 mm | 4510 10 mm TX T25 - T27 - T30 - T40 - T45 - T50 - T55 |
| 2 | Long bits for Torx® screws, 75 mm | 4524 14 mm TX T60 - T70 |
| 5 | Sockets for Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 - E8 |
| 7 | Sockets for Torx® screws | 5038 3/8" NTX E10 - E11 - E12 - E14 - E16 - E18 - E20 |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 1 | Screwdriver bit socket | 4738 3/8" x 10 mm |
| 2 | Screwdriver bit sockets | 4712 1/2" x 10 mm - 1/2" x 14 mm |

## 4614 **1/4" BITS FOR SLOTTED HEAD SCREWS**

ISO 1173/2351, DIN 3126 E 6,3/3127

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | A X B MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4614-0030 | 011486 | 0,5 x 3,0 | 90 | 10 | 10 | 15 |
| 4614-0040 | 011493 | 0,5 x 4,0 | 90 | 10 | 12 | 15 |
| 4614-0050 | 011509 | 0,8 x 5,0 | 90 | 10 | 15 | 15 |
| 4614-0060 | 011516 | 1,0 x 6,0 | 90 | 10 | 19 | 15 |
| 4614-0070 | 011523 | 1,2 x 7,0 | 90 | 10 | 22 | 15 |
| 4614-0080 | 011530 | 1,2 x 8,0 | 90 | 10 | 30 | 15 |
| 4614-0100 | 011547 | 1,6 x 10,0 | 90 | 10 | 37 | 15 |

## 4614 PZ **1/4" BITS FOR POZIDRIV® SCREWS**

ACR

ISO 1173/8764, DIN 3126 E 6,3

- ACR profile for maximum bite into fasteners.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PZ | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4614-2001 | 011462 | 1 | 90 | 10 | 14 | 15 |
| 4614-2002 | 011226 | 2 | 90 | 10 | 17 | 15 |
| 4614-2003 | 011479 | 3 | 90 | 10 | 20 | 15 |

## 4614 PH **1/4" BITS FOR PHILLIPS® SCREWS**

ACR

ISO 1173/8764, DIN 3126 E 6,3/3128

- ACR profile for maximum bite into fasteners.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PH | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4614-1001 | 011448 | 1 | 90 | 10 | 14 | 15 |
| 4614-1002 | 011219 | 2 | 90 | 10 | 17 | 15 |
| 4614-1003 | 011455 | 3 | 90 | 10 | 20 | 15 |

## 4614 STX **1/4" BITS FOR TAMPER RESISTANT® TORX® SCREWS**

ISO 1173, DIN 3126 E 6,3

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4614-4010 | 011554 | T10 | 2,72 | 90 | 10 | 12 | 60 |
| 4614-4015 | 011561 | T15 | 3,26 | 90 | 10 | 13 | 60 |
| 4614-4020 | 011578 | T20 | 3,86 | 90 | 10 | 15 | 60 |
| 4614-4025 | 011585 | T25 | 4,43 | 90 | 10 | 19 | 60 |
| 4614-4027 | 011592 | T27 | 4,99 | 90 | 10 | 21 | 60 |
| 4614-4030 | 011608 | T30 | 5,52 | 90 | 10 | 22 | 60 |
| 4614-4040 | 011615 | T40 | 6,65 | 90 | 10 | 24 | 60 |

## 4590 G **1/4" BITS SET**

**ITEM NO. 4590-0021**

120 MM × 15 MM × 70 MM

170 G

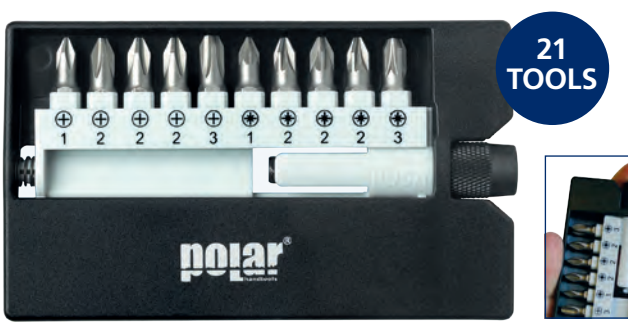
5704196 018690

48

- Bits set supplied in plastic box . 21 tools.

*CONTENT:*

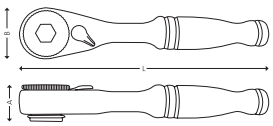
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 2 | Bits for slotted head screws | 4514 1/4" 4 mm (1 pcs.) - 5.5 mm (1 pcs.) |
| 5 | Bits for Phillips® screws | 4514 1/4" PH 1 (1 pcs.) - PH 2 (3 pcs.) - PH 3 (1 pcs.) - |
| 5 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 (1 pcs.) - PZ 2 (3 pcs.) - PZ 3 (1 pcs.) |
| 8 | Bits for Torx® head screws | 4514 1/4" TX T15 (2 pcs.) - TX T20 (2 pcs.) - TX T25 (2 pcs.) - TX T27 (1 pcs.) - TX T30 (1 pcs.) |



# POLAR
## SCREWDRIVERS AND BITS

### 4714 A **1/4" BIT RATCHET**

- Reversible bit ratchet with 60 teeth.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

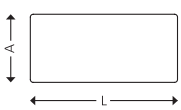


| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-0014 | 049342 | 12 | 18 | 87 | 50 | 1 |

### 4714 **1/4" SCREWDRIVER BIT SOCKET**

ISO 1173-1174, DIN 3126.

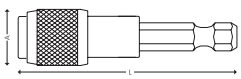
- For use with 1/4" screwdriver bits.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4714-5014 | 001555 | 1/4" | 1/4" | 12 | 25 | 14 | 10 |

### 4714 QR **1/4" QUICK-RELEASE BIT HOLDER**

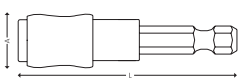
- Magnetic model with quick-release and locking pin.
- Surface: Chrome plated finish w/ burnished ring. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-2014 | 015408 | 1/4" | 11,5 | 50 | 25 | 20 |

### 4714 QRB **1/4" QUICK-RELEASE BIT HOLDER**

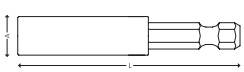
- Magnetic model with quick-release and locking pin.
- Surface: Chrome plated finish w/ burnished ring. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-2214 | 036595 | 1/4" | 16 | 65 | 32 | 20 |

### 4714 QRA **1/4" QUICK-RELEASE BIT HOLDER**

- Magnetic model with quick-release eject button.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-2314 | 049762 | 1/4" | 12 | 65 | 30 | 1 |

### 5090 **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-1425**

- Socket wrench set supplied in compact plastic box with 6-point sockets, bits and accessories.
- The set is supplied with a reversible 60-teeth bit ratchet.
- 25 tools.

165 MM × 40 MM × 100 MM

450 G

5704196 050638

10

*CONTENT:*

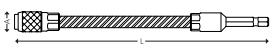
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | 6-point sockets | 5014 1/4" 6 - 7 - 8 - 10 - 12 - 13 |
| 1 | Bits for slotted head screws | 4514 1/4" 5,5 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 4 | Bits for Hex head screws | 4514 1/4" 3 - 4 - 5 - 6 mm |
| 4 | Bits for Torx® screws | 4514 1/4" TX T10 - T15 - T20 - T25 |
| 2 | Socket wrench adaptors | 4714 SQ 1/4" x 25 mm - 1/4" x 50 mm |
| 1 | Quick-release bitsholder | 4714 QRA 1/4" |
| 1 | Bit ratchet, 60 teeth | 4714 A 1/4" |

*Supplied in sales displays (10 pcs.)*

# POLAR
## SCREWDRIVERS AND BITS

### 4714 QRF **1/4" FLEXIBLE EXTENSION WITH QUICK-RELEASE BIT HOLDER**

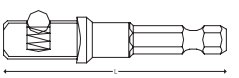
- Maximum torque allowed: 2,8 Nm.
- Surface: Chrome plated finish w/ burnished ring.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-2114 | 019031 | 1/4" | 14 | 175 | 80 | 10 |

### 4714 SQ 1/4" **SOCKET WRENCH ADAPTORS**

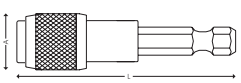
- Model with retaining ball.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-4014 | 015439 | 1/4" | 1/4" | 25 | 7 | 20 |
| 4714-4114 | 015446 | 1/4" | 1/4" | 50 | 14 | 20 |
| 4714-4138 | 015453 | 3/8" | 1/4" | 50 | 20 | 20 |
| 4714-4112 | 015767 | 1/2" | 1/4" | 50 | 33 | 20 |

### 4714 **1/4" 2IN1 BIT HOLDER - FOR BITS AND SOCKETS**

- For bits and sockets – 1/4".
- With outer square and internal hexagon.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-4514 | 042312 | 1/4" | 13 | 71-80 | 34 | 20 |

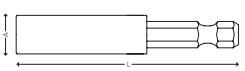
### 4714 S3 **1/4" SOCKET WRENCH ADAPTOR SET**

- 3 socket wrench adaptors with retaining ball.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4714-4190 | 049434 | 3 | 1/4" - 3/8" - 1/2" | 80 | 1 |

### 4714 M **1/4" MAGNETIC BIT HOLDER**

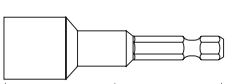
- Surface: Chrome plated finish with burnished ring.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-3014 | 015415 | 1/4" | 10 | 60 | 23 | 20 |

### 4814 **1/4" MAGNETIC NUT SETTERS**

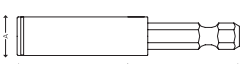
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | L MM | G | |
|---|---|---|---|---|---|---|
| 4814-5008 | 015729 | 8 mm | 1/4" | 65 | 31 | 20 |
| 4814-5010 | 015736 | 10 mm | 1/4" | 65 | 37 | 20 |
| 4814-5011 | 015743 | 11 mm | 1/4" | 65 | 42 | 20 |
| 4814-5013 | 015750 | 13 mm | 1/4" | 65 | 52 | 20 |
| 4814-5014 | 018591 | 1/4" | 1/4" | 65 | 30 | 20 |

### 4714 MC **1/4" MAGNETIC BIT HOLDER WITH C-RING**

- Surface: Chrome plated finish with burnished ring.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4714-3114 | 015422 | 1/4" | 10 | 60 | 24 | 20 |

## 5/16" 5/16" BITS AND ACCESSORIES

### 4516 **5/16" BITS FOR SLOTTED HEAD SCREWS**

ISO 1173/2351, DIN 3126 C 8/3127

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | A X B MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4516-0060 | 044644 | 1,0 x 6 | 30 | 1 | 8 | 1 |
| 4516-0080 | 013725 | 1,2 x 8 | 30 | 10 | 10 | 24 |
| 4516-0100 | 010984 | 1,6 x 10 | 30 | 5 | 18 | 24 |
| 4516-0120 | 010991 | 1,8 x 12 | 30 | 5 | 20 | 24 |

### 4516 PH **5/16" BITS FOR PHILLIPS® SCREWS**

ACR

ISO 1173/8764, DIN 3126 C 8/3128

- ACR profile for maximum bite into fasteners.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PH | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4516-1001 | 044651 | 1 | 30 | 1 | 8 | 1 |
| 4516-1002 | 013657 | 2 | 30 | 10 | 9 | 24 |
| 4516-1003 | 013664 | 3 | 30 | 10 | 10 | 24 |
| 4516-1004 | 011394 | 4 | 30 | 10 | 16 | 24 |

### 4516 PZ **5/16" BITS FOR POZIDRIV® SCREWS**

ACR

ISO 1173/8764, DIN 3126 C 8

- ACR profile for maximum bite into fasteners.
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | PZ | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4516-2002 | 013756 | 2 | 30 | 10 | 9 | 24 |
| 4516-2003 | 013763 | 3 | 30 | 10 | 10 | 24 |
| 4516-2004 | 011325 | 4 | 30 | 10 | 16 | 24 |

### 4516 TX **5/16" BITS FOR TORX® HEAD SCREWS**

ISO 1173, DIN 3126 C 8

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4516-4010 | 028910 | T10 | 2,74 | 30 | 1 | 8 | 1 |
| 4516-4015 | 028927 | T15 | 3,27 | 30 | 1 | 8 | 1 |
| 4516-4020 | 028934 | T20 | 3,86 | 30 | 1 | 9 | 1 |
| 4516-4025 | 028941 | T25 | 4,43 | 30 | 1 | 10 | 1 |
| 4516-4030 | 028958 | T30 | 5,52 | 30 | 1 | 11 | 1 |
| 4516-4040 | 010939 | T40 | 6,65 | 30 | 10 | 12 | 24 |
| 4516-4045 | 010946 | T45 | 7,82 | 30 | 10 | 13 | 24 |
| 4516-4050 | 010953 | T50 | 8,83 | 30 | 10 | 14 | 24 |
| 4516-4055 | 010960 | T55 | 11,22 | 30 | 5 | 20 | 24 |

### 4516 H **5/16" BITS FOR HEX HEAD SCREWS**

ISO 1173/3109, DIN 3126 C 8/7426

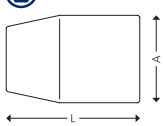
- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4516-5002 | 028873 | 2 | 30 | 1 | 8 | 1 |
| 4516-5025 | 028880 | 2,5 | 30 | 1 | 8 | 1 |
| 4516-5003 | 028897 | 3 | 30 | 1 | 9 | 1 |
| 4516-5004 | 028903 | 4 | 30 | 1 | 9 | 1 |
| 4516-5005 | 013671 | 5 | 30 | 10 | 10 | 24 |
| 4516-5006 | 013688 | 6 | 30 | 10 | 11 | 24 |
| 4516-5008 | 013695 | 8 | 30 | 10 | 13 | 24 |
| 4516-5010 | 010915 | 10 | 30 | 5 | 17 | 24 |
| 4516-5012 | 010922 | 12 | 30 | 5 | 22 | 24 |

### 4712 **1/2" SCREWDRIVER BIT SOCKET**

ISO 1173-1174, DIN 3126.

- For use with 5/16" screwdriver bits.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

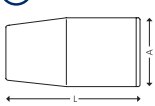


| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4712-5012 | 010908 | 5/16" | 1/2" | 22 | 38,5 | 55 | 10 |

### 4712 IB **1/2" IMPACT SCREWDRIVER BIT SOCKET**

ISO 1173-1174, DIN 7427.

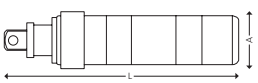
- For use with 5/16" screwdriver bits.
- Surface: Phosphatised finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4712-6012 | 013701 | 5/16" | 1/2" | 22 | 38 | 63 | 10 |

## 4712 ID **1/2" IMPACT BIT DRIVER**

- For fast and safe loosening of locked, rusted or glued screws.
- Torque: 400 Nm. Driving direction can be adjusted by turning the grip.
- Surface: Phosphatised. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | ■ | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4712-6112 | 013718 | 1/2" | 31 | 143 | 660 | 1 |

## 4790 **1/2" IMPACT BIT DRIVER SET**

**ITEM NO. 4790-0015**

- Set supplied in metal box.
- 15 tools.

210 MM × 45 MM × 110 MM

1,5 KG

5704196 013640

20

**IMPA** CODE 612432

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Bits for slotted head screws | 4516 5/16" 8, 10, 12 mm |
| 3 | Bits for Phillips® screws | 4516 5/16" ACR PH 2 - 3 - 4 |
| 4 | Bits for Torx® screws | 4516 5/16" TX T40 - T45 - T50 - T55 |
| 3 | Bits for hex head screws | 4516 5/16" H 5 - 6 -8 mm |
| 1 | Screwdriver bit socket | 4712 IB 1/2" x 5/16" |
| 1 | Impact bit driver | 4712 1/2 ID |

10 MM 10 MM BITS AND ACCESSORIES

## 4510 H **10 MM BITS FOR HEX HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4510-5005 | 044774 | 5 | 30 | 1 | 12 | 1 |
| 4510-5006 | 044781 | 6 | 30 | 1 | 12 | 1 |
| 4510-5007 | 044798 | 7 | 30 | 1 | 12 | 1 |
| 4510-5008 | 044804 | 8 | 30 | 1 | 16 | 1 |
| 4510-5009 | 044811 | 9 | 30 | 1 | 18 | 1 |
| 4510-5010 | 044828 | 10 | 30 | 1 | 18 | 1 |

## 4510 H **10 MM BITS FOR HEX HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4510-5105 | 044910 | 5 | 75 | 1 | 42 | 1 |
| 4510-5106 | 044927 | 6 | 75 | 1 | 42 | 1 |
| 4510-5107 | 044934 | 7 | 75 | 1 | 44 | 1 |
| 4510-5108 | 044941 | 8 | 75 | 1 | 44 | 1 |
| 4510-5109 | 044958 | 9 | 75 | 1 | 46 | 1 |
| 4510-5110 | 044965 | 10 | 75 | 1 | 48 | 1 |

## 4510 XZN **10 MM BITS FOR XZN SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4510-6005 | 049052 | XZN M5 | 30 | 1 | 10 | 1 |
| 4510-6006 | 049069 | XZN M6 | 30 | 1 | 12 | 1 |
| 4510-6008 | 049076 | XZN M8 | 30 | 1 | 12 | 1 |
| 4510-6010 | 049083 | XZN M10 | 30 | 1 | 16 | 1 |

## 4510 XZN **10 MM BITS FOR XZN SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4510-6105 | 049090 | XZN M5 | 75 | 1 | 40 | 1 |
| 4510-6106 | 049106 | XZN M6 | 75 | 1 | 42 | 1 |
| 4510-6108 | 049113 | XZN M8 | 75 | 1 | 42 | 1 |
| 4510-6110 | 049120 | XZN M10 | 75 | 1 | 46 | 1 |

## 4510 TX **10 MM BITS FOR TORX® HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4510-4008 | 044668 | T8 | 2,31 | 30 | 1 | 8 | 1 |
| 4510-4010 | 044675 | T10 | 2,74 | 30 | 1 | 8 | 1 |
| 4510-4015 | 044682 | T15 | 3,27 | 30 | 1 | 8 | 1 |
| 4510-4020 | 044699 | T20 | 3,86 | 30 | 1 | 10 | 1 |
| 4510-4025 | 044705 | T25 | 4,43 | 30 | 1 | 10 | 1 |
| 4510-4027 | 044712 | T27 | 4,99 | 30 | 1 | 12 | 1 |
| 4510-4030 | 044729 | T30 | 5,52 | 30 | 1 | 14 | 1 |
| 4510-4040 | 044736 | T40 | 6,65 | 30 | 1 | 14 | 1 |
| 4510-4045 | 044743 | T45 | 7,82 | 30 | 1 | 16 | 1 |
| 4510-4050 | 044750 | T50 | 8,83 | 30 | 1 | 18 | 1 |
| 4510-4055 | 044767 | T55 | 11,22 | 30 | 1 | 20 | 1 |

## 4510 TX **10 MM BITS FOR TORX® HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4510-4120 | 044835 | T20 | 3,86 | 75 | 1 | 40 | 1 |
| 4510-4125 | 044842 | T25 | 4,43 | 75 | 1 | 42 | 1 |
| 4510-4127 | 044859 | T27 | 4,99 | 75 | 1 | 42 | 1 |
| 4510-4130 | 044866 | T30 | 5,52 | 75 | 1 | 42 | 1 |
| 4510-4140 | 044873 | T40 | 6,65 | 75 | 1 | 42 | 1 |
| 4510-4145 | 044880 | T45 | 7,82 | 75 | 1 | 44 | 1 |
| 4510-4150 | 044897 | T50 | 8,83 | 75 | 1 | 44 | 1 |
| 4510-4155 | 044903 | T55 | 11,22 | 75 | 1 | 48 | 1 |

## 4510 RI **10 MM BITS FOR RIBE® SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4510-7005 | 049151 | RIBE® M5 | 30 | 1 | 12 | 1 |
| 4510-7006 | 049168 | RIBE® M6 | 30 | 1 | 12 | 1 |
| 4510-7007 | 049175 | RIBE® M7 | 30 | 1 | 12 | 1 |
| 4510-7008 | 049182 | RIBE® M8 | 30 | 1 | 14 | 1 |
| 4510-7010 | 049199 | RIBE® M10 | 30 | 1 | 16 | 1 |

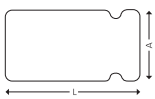
## 4510 RI **10 MM BITS FOR RIBE® SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4510-7105 | 049212 | RIBE® M5 | 75 | 1 | 42 | 1 |
| 4510-7106 | 049229 | RIBE® M6 | 75 | 1 | 42 | 1 |
| 4510-7107 | 049236 | RIBE® M7 | 75 | 1 | 42 | 1 |
| 4510-7108 | 049243 | RIBE® M8 | 75 | 1 | 42 | 1 |
| 4510-7110 | 049250 | RIBE® M10 | 75 | 1 | 46 | 1 |

## 4738 **3/8" SCREWDRIVER BIT SOCKET**

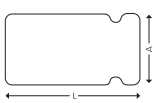
- For use with 10 mm screwdriver bits.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4738-5010 | 045115 | 10 mm | 3/8" | 17 | 29 | 28 | 10 |

## 4712 **1/2" SCREWDRIVER BIT SOCKET**

- For use with 10 mm screwdriver bits.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4712-5010 | 045122 | 10 mm | 1/2" | 22 | 38 | 52 | 10 |

# POLAR
## SCREWDRIVERS AND BITS

14MM 14 MM BITS AND ACCESSORIES

### 4511 H **14 MM BITS FOR HEX HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4511-5012 | 044996 | 12 | 40 | 1 | 44 | 1 |
| 4511-5014 | 045009 | 14 | 40 | 1 | 52 | 1 |
| 4511-5017 | 045016 | 17 | 40 | 1 | 68 | 1 |
| 4511-5019 | 045023 | 19 | 40 | 1 | 80 | 1 |

### 4511 H **14 MM BITS FOR HEX HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4511-5112 | 045054 | 12 | 75 | 1 | 92 | 1 |
| 4511-5114 | 045061 | 14 | 75 | 1 | 98 | 1 |
| 4511-5117 | 045078 | 14 | 75 | 1 | 138 | 1 |
| 4511-5119 | 045085 | 19 | 75 | 1 | 166 | 1 |

### 4511 XZN **14 MM BITS FOR XZN SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4511-6012 | 049137 | XZN M12 | 30 | 1 | 28 | 1 |

### 4511 XZN **14 MM BITS FOR XZN SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4511-6112 | 049144 | XZN M12 | 75 | 1 | 88 | 1 |

### 4511 TX **14 MM BITS FOR TORX® HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4511-4060 | 044972 | T60 | 13,25 | 40 | 1 | 44 | 1 |
| 4511-4070 | 044989 | T70 | 15,51 | 40 | 1 | 46 | 1 |

### 4511 TX **14 MM BITS FOR TORX® HEAD SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|
| 4511-4160 | 045030 | T60 | 13,25 | 75 | 1 | 88 | 1 |
| 4511-4170 | 045047 | T70 | 15,51 | 75 | 1 | 94 | 1 |

### 4511 RI **14 MM BITS FOR RIBE® SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4511-7012 | 049205 | RIBE® M12 | 30 | 1 | 30 | 1 |
| 4511-7013 | 049274 | RIBE® M13 | 30 | 1 | 30 | 1 |
| 4511-7014 | 049281 | RIBE® M14 | 30 | 1 | 34 | 1 |

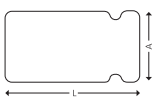
### 4511 RI **14 MM BITS FOR RIBE® SCREWS**

- Surface: Sandblasted and oiled. Material: Silicon chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | L MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|
| 4511-7112 | 049267 | RIBE® M12 | 75 | 1 | 88 | 1 |
| 4511-7113 | 049298 | RIBE® M13 | 75 | 1 | 90 | 1 |
| 4511-7114 | 049304 | RIBE® M14 | 75 | 1 | 92 | 1 |

## 4712 **1/2" SCREWDRIVER BIT SOCKET**

- For use with 14 mm screwdriver bits.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

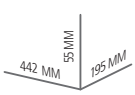


| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4712-5014 | 045139 | 14 mm | 1/2" | 24 | 38 | 66 | 10 |

## 4590 **POWER BITS ASSORTMENT**

**ITEM NO. 4590-0074**

- Bits set in metal box with 10 mm and 14 mm Power bits and screwdriver bit sockets.
- 74 tools.




4,6 KG

5704196 048963

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Bits for hex head screws | 4510 10 mm 4 - 5 - 6 -7 - 8 - 10 mm |
| 1 | Bits for hex head screws | 4511 14 mm 12 mm |
| 6 | Long bits for hex head screws, 75 mm | 4510 10 mm 4 - 5 - 6 -7 - 8 - 10 mm |
| 1 | Long bits for hex head screws, 75 mm | 4511 14 mm 12 mm |
| 10 | Bits for Torx® screws | 4510 10 mm TX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 |
| 2 | Bits for Torx® screws | 4511 14 mm TX T60 - T70 |
| 8 | Long bits for Torx® screws, 75 mm | 4510 10 mm TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 |
| 2 | Long bits for Torx® screws, 75 mm | 4511 14 mm TX T60 - T70 |
| 6 | Bits for Tamper resistant® Torx® screws | 4510 10 mm STX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |
| 4 | Bits for XZN screws | 4510 10 mm M5 - M6 - M8 - M10 |
| 1 | Bits for XZN screws | 4511 14 mm M12 |
| 4 | Long bits for XZN screws, 75 mm | 4510 10 mm M5 - M6 - M8 - M10 |
| 1 | Long bits for XZN screws, 75 mm | 4511 14 mm M12 |
| 5 | Bits for RIBE® screws | 4510 10 mm M5 - M6 - M7 - M8 - M10 |
| 3 | Bits for RIBE® screws | 4511 14 mm M12 - M13 - M14 |
| 5 | Long bits for RIBE® screws, 75 mm | 4510 10 mm M5 - M6 - M7 - M8 - M10 |
| 3 | Long bits for RIBE® screws, 75 mm | 4511 14 mm M12 - M13 - M14 |
| 1 | 3/8" Screwdriver bit socket | 4738 3/8" x 10 mm |
| 2 | 1/2" Screwdriver bit socket | 4712 1/2" x 10 mm, 1/2 x 14 mm |

# SOCKETS & ACCESSORIES

*POLAR sockets and ratchets are designed to fit and built to perform for a lifetime.*
*Made from high grade chrome vanadium steel for a stronger and more durable tool.*

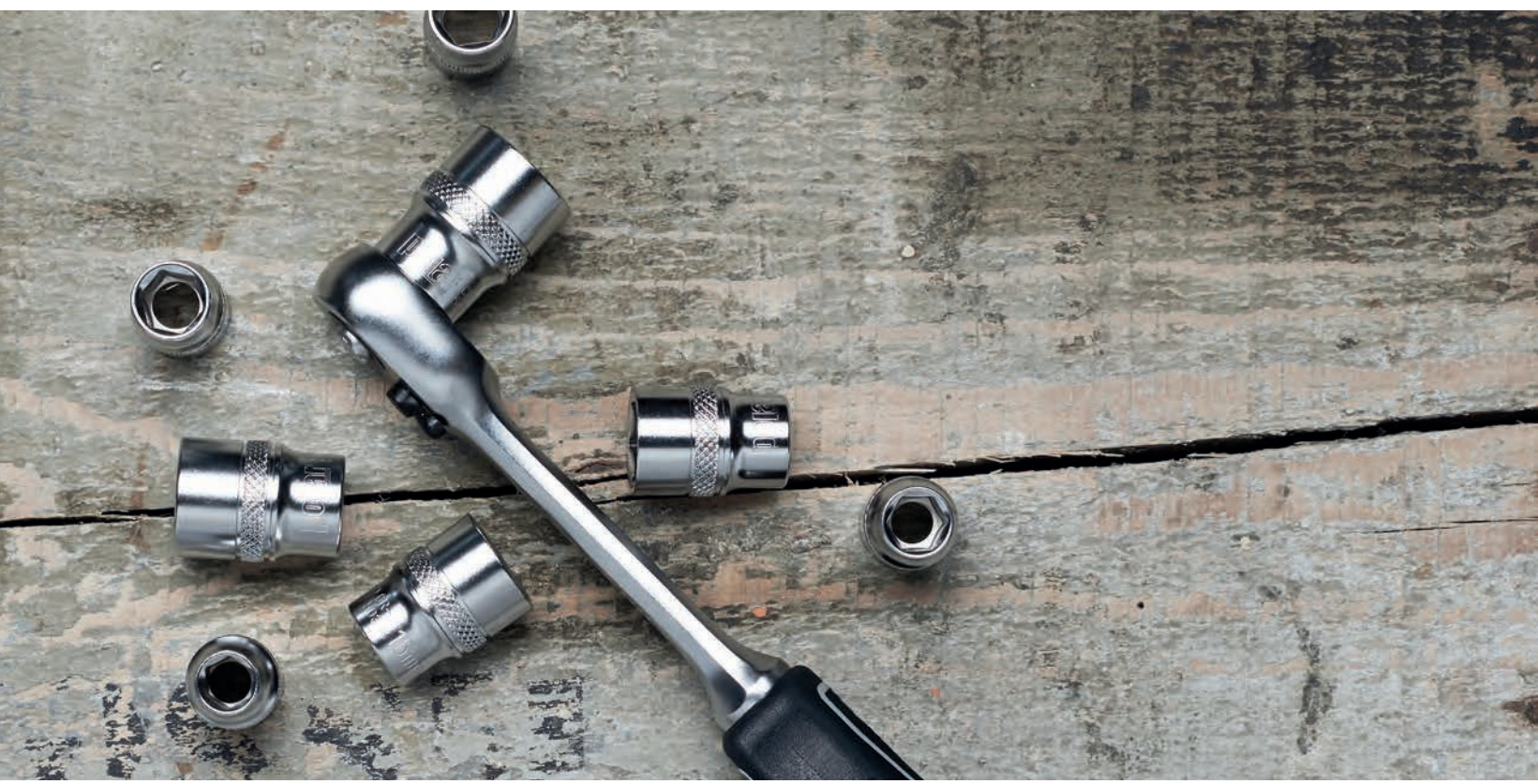
- 1/4" Sockets, socket bits, ratchets and accessories.
- 3/8" Sockets, ratchets and accessories.
- 1/2" Sockets, socket bits, ratchets and accessories.
- 3/4" Sockets, ratchets and accessories.
- 1" Sockets, ratchets and accessories.

*Quick Release.*

*Compact head for great accessibility.*

*Ergonomic handle.*

# POLAR
## SOCKETS AND ACCESSORIES



6-Point

12-Point

Slotted

Phillips®

Pozidriv®

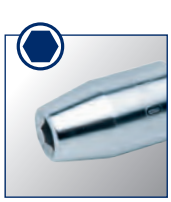
Torx®

Tamper Resistant Torx®

Torx®

XZN®

Hexagon

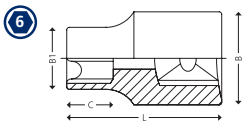

Bit driver

# POLAR
## SOCKETS AND ACCESSORIES

1/4" SOCKETS AND ACCESSORIES

## 5014 **1/4" 6-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish. ▪ Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5014-0032 | 053226 | 3,2 | 11,9 | 5,9 | 5 | 25 | 10 | 10 | |
| 5014-0035 | 027999 | 3,5 | 11,9 | 6,0 | 5 | 25 | 10 | 10 | |
| 5014-0004 | 000923 | 4 | 11,9 | 6,8 | 5 | 25 | 10 | 10 | |
| 5014-0045 | 000930 | 4,5 | 11,9 | 7,1 | 5 | 25 | 10 | 10 | 610181 |
| 5014-0005 | 000947 | 5 | 11,9 | 8,0 | 5 | 25 | 10 | 10 | 610182 |
| 5014-0055 | 000954 | 5,5 | 11,9 | 8,3 | 5 | 25 | 10 | 10 | 610183 |
| 5014-0006 | 000961 | 6 | 11,9 | 9,3 | 5 | 25 | 11 | 10 | 610184 |
| 5014-0007 | 000978 | 7 | 11,9 | 10,5 | 5 | 25 | 12 | 10 | 610185 |
| 5014-0008 | 000985 | 8 | 11,9 | 11,9 | 5 | 25 | 12 | 10 | 610186 |
| 5014-0009 | 000992 | 9 | 13,0 | 13,0 | 8 | 25 | 12 | 10 | 610187 |
| 5014-0010 | 001005 | 10 | 14,0 | 14,0 | 8 | 25 | 22 | 10 | 610188 |
| 5014-0011 | 001012 | 11 | 15,9 | 15,9 | 8 | 25 | 24 | 10 | 610189 |
| 5014-0012 | 001029 | 12 | 16,9 | 16,9 | 8 | 25 | 27 | 10 | 610190 |
| 5014-0013 | 001036 | 13 | 17,8 | 17,8 | 10 | 25 | 31 | 10 | 610191 |
| 5014-0014 | 001043 | 14 | 19,6 | 19,6 | 10 | 25 | 38 | 10 | |

## 5014 **1/4" SOCKET SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9011**

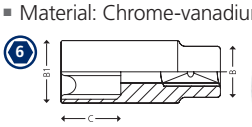
5704196 047683

192 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |

## 5014 L **1/4" 6-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5014-4004 | 001166 | 4 | 11,9 | 6,8 | 5 | 50 | 22 | 10 |
| 5014-4005 | 001173 | 5 | 11,9 | 8,0 | 5 | 50 | 21 | 10 |
| 5014-4055 | 001180 | 5,5 | 11,9 | 8,3 | 5 | 50 | 21 | 10 |
| 5014-4006 | 001197 | 6 | 11,9 | 9,3 | 8 | 50 | 22 | 10 |
| 5014-4007 | 001203 | 7 | 11,9 | 10,5 | 8 | 50 | 23 | 10 |
| 5014-4008 | 001210 | 8 | 11,9 | 11,9 | 8 | 50 | 25 | 10 |
| 5014-4009 | 001227 | 9 | 13,2 | 13,2 | 11 | 50 | 30 | 10 |
| 5014-4010 | 001234 | 10 | 14,6 | 14,6 | 11 | 50 | 40 | 10 |
| 5014-4011 | 001241 | 11 | 15,9 | 15,9 | 11 | 50 | 56 | 10 |
| 5014-4012 | 001258 | 12 | 17,0 | 17,0 | 13 | 50 | 53 | 10 |
| 5014-4013 | 001265 | 13 | 18,0 | 18,0 | 13 | 50 | 70 | 10 |

## 5014 L **1/4" SOCKET SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9010**

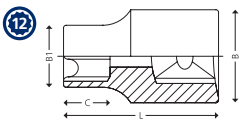
5704196 047690

342 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |

## 5014 B **1/4" 12-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5014-2004 | 039831 | 4 | 6,8 | 11,9 | 5 | 25 | 10 | 10 |
| 5014-2005 | 039848 | 5 | 8,0 | 11,9 | 5 | 25 | 10 | 10 |
| 5014-2055 | 039855 | 5,5 | 8,3 | 11,9 | 5 | 25 | 11 | 10 |
| 5014-2006 | 039862 | 6 | 9,3 | 11,9 | 5 | 25 | 11 | 10 |
| 5014-2007 | 039879 | 7 | 10,5 | 11,9 | 5 | 25 | 12 | 10 |
| 5014-2008 | 039886 | 8 | 11,9 | 11,9 | 5 | 25 | 12 | 10 |
| 5014-2009 | 039893 | 9 | 13,0 | 13,0 | 8 | 25 | 19 | 10 |
| 5014-2010 | 039909 | 10 | 14,0 | 14,0 | 8 | 25 | 17 | 10 |
| 5014-2011 | 039916 | 11 | 15,9 | 15,9 | 8 | 25 | 24 | 10 |
| 5014-2012 | 039923 | 12 | 16,9 | 16,9 | 8 | 25 | 27 | 10 |
| 5014-2013 | 039930 | 13 | 17,8 | 17,8 | 10 | 25 | 31 | 10 |
| 5014-2014 | 039947 | 14 | 19,0 | 19,6 | 10 | 25 | 38 | 10 |

## 5014 B **1/4" SOCKET SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9111**

5704196 047706

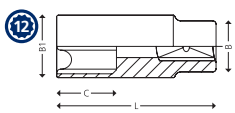
184 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 12-point sockets | 5014 1/4" B 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |

## 5014 BL **1/4" 12-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5014-5004 | 039954 | 4 | 11,9 | 6,8 | 5 | 50 | 22 | 10 |
| 5014-5005 | 039961 | 5 | 11,9 | 8,0 | 5 | 50 | 21 | 10 |
| 5014-5055 | 039978 | 5,5 | 11,9 | 8,3 | 5 | 50 | 21 | 10 |
| 5014-5006 | 039985 | 6 | 11,9 | 9,3 | 8 | 50 | 22 | 10 |
| 5014-5007 | 039992 | 7 | 11,9 | 10,5 | 8 | 50 | 23 | 10 |
| 5014-5008 | 040004 | 8 | 11,9 | 11,9 | 8 | 50 | 25 | 10 |
| 5014-5009 | 040011 | 9 | 13,0 | 13,0 | 11 | 50 | 30 | 10 |
| 5014-5010 | 040028 | 10 | 14,0 | 14,0 | 11 | 50 | 40 | 10 |
| 5014-5011 | 040035 | 11 | 15,9 | 15,9 | 11 | 50 | 56 | 10 |
| 5014-5012 | 040042 | 12 | 16,9 | 16,9 | 13 | 50 | 53 | 10 |
| 5014-5013 | 040059 | 13 | 17,8 | 17,8 | 13 | 50 | 70 | 10 |

## 5014 BL **1/4" SOCKET SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9110**

5704196 047713

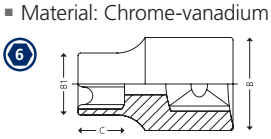
12 336 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 12-point sockets | 5014 1/4" BL 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |

## 5014 I **1/4" 6-POINT INCH SOCKETS**

ANSI B107.1

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5014-1004 | 043135 | 1/8" | 11,9 | 5,8 | 3 | 25 | 9 | 10 | |
| 5014-1005 | 001050 | 5/32" | 11,9 | 6,8 | 5 | 25 | 10 | 10 | |
| 5014-1006 | 001067 | 3/16" | 11,9 | 8,0 | 5 | 25 | 10 | 10 | 610192 |
| 5014-1007 | 001074 | 7/32" | 11,9 | 8,8 | 5 | 25 | 11 | 10 | |
| 5014-1008 | 001081 | 1/4" | 11,9 | 9,3 | 5 | 25 | 11 | 10 | 610193 |
| 5014-1009 | 001098 | 9/32" | 11,9 | 10,5 | 5 | 25 | 12 | 10 | 610194 |
| 5014-1010 | 001104 | 5/16" | 11,9 | 11,9 | 5 | 25 | 12 | 10 | |
| 5014-1011 | 001111 | 11/32" | 13,0 | 13,0 | 5 | 25 | 19 | 10 | 610195 |
| 5014-1012 | 001128 | 3/8" | 14,0 | 14,0 | 8 | 25 | 22 | 10 | 610196 |
| 5014-1013 | 001135 | 13/32" | 14,0 | 14,0 | 8 | 25 | 24 | 10 | |
| 5014-1014 | 001142 | 7/16" | 16,0 | 16,0 | 8 | 25 | 24 | 10 | |
| 5014-1015 | 043142 | 15/32" | 17,0 | 17,0 | 8 | 25 | 27 | 10 | |
| 5014-1016 | 001159 | 1/2" | 17,8 | 17,8 | 10 | 25 | 31 | 10 | |
| 5014-1018 | 040073 | 9/16" | 19,6 | 19,6 | 10 | 25 | 38 | 10 | |

## 5014 I **1/4" SOCKET SET - INCH**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9211**

5704196 047720

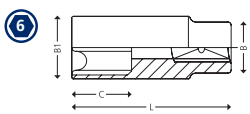
6 188 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point inch sockets | 5014 1/4" I 5/32" - 3/16"- 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 13/32" - 7/16" - 1/2" |

## 5014 IL **1/4" 6-POINT LONG INCH SOCKETS**

ANSI B107.1

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5014-4104 | 040219 | 1/8" | 11,9 | 5,8 | 4 | 50 | 21 | 10 |
| 5014-4105 | 040226 | 5/32" | 11,9 | 6,8 | 5 | 50 | 22 | 10 |
| 5014-4106 | 040233 | 3/16" | 11,9 | 8,0 | 5 | 50 | 23 | 10 |
| 5014-4107 | 040240 | 7/32" | 11,9 | 8,8 | 5 | 50 | 21 | 10 |
| 5014-4108 | 040257 | 1/4" | 11,9 | 9,3 | 8 | 50 | 21 | 10 |
| 5014-4109 | 040264 | 9/32" | 11,9 | 10,5 | 8 | 50 | 22 | 10 |
| 5014-4110 | 040271 | 5/16" | 11,9 | 11,9 | 8 | 50 | 23 | 10 |
| 5014-4111 | 040288 | 11/32" | 13,0 | 13,0 | 11 | 50 | 25 | 10 |
| 5014-4112 | 040295 | 3/8" | 14,0 | 14,0 | 11 | 50 | 40 | 10 |
| 5014-4113 | 040301 | 13/32" | 14,6 | 14,6 | 11 | 50 | 56 | 10 |
| 5014-4114 | 040318 | 7/16" | 16,0 | 16,0 | 11 | 50 | 56 | 10 |
| 5014-4115 | 040325 | 15/32" | 17,0 | 17,0 | 13 | 50 | 53 | 10 |
| 5014-4116 | 040332 | 1/2" | 17,8 | 17,8 | 16 | 50 | 70 | 10 |
| 5014-4118 | 040349 | 9/16" | 19,6 | 19,6 | 16 | 50 | 75 | 10 |

## 5014 IL **1/4" SOCKET SET - INCH**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9210**

5704196 047737

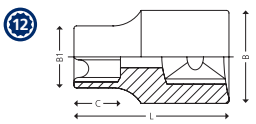
6 324 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 6-point inch sockets | 5014 1/4" IL 5/32" - 3/16"- 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 7/16" - 1/2" |

# POLAR
## SOCKETS AND ACCESSORIES

## 5014 IB **1/4" 12-POINT INCH SOCKETS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5014-2105 | 040080 | 5/32" | 11,9 | 6,8 | 5 | 25 | 10 | 10 |
| 5014-2106 | 040097 | 3/16" | 11,9 | 8,0 | 5 | 25 | 10 | 10 |
| 5014-2107 | 040103 | 7/32" | 11,9 | 8,8 | 5 | 25 | 11 | 10 |
| 5014-2108 | 040110 | 1/4" | 11,9 | 9,3 | 5 | 25 | 11 | 10 |
| 5014-2109 | 040127 | 9/32" | 11,9 | 10,5 | 5 | 25 | 12 | 10 |
| 5014-2110 | 040134 | 5/16" | 11,9 | 11,9 | 5 | 25 | 12 | 10 |
| 5014-2111 | 040141 | 11/32" | 13,0 | 13,0 | 5 | 25 | 19 | 10 |
| 5014-2112 | 040158 | 3/8" | 14,0 | 14,0 | 8 | 25 | 17 | 10 |
| 5014-2113 | 040165 | 13/32" | 14,0 | 14,0 | 8 | 25 | 24 | 10 |
| 5014-2114 | 040172 | 7/16" | 16,0 | 16,0 | 8 | 25 | 24 | 10 |
| 5014-2115 | 043159 | 15/32" | 17,0 | 17,0 | 8 | 25 | 27 | 10 |
| 5014-2116 | 040196 | 1/2" | 17,8 | 17,8 | 10 | 25 | 31 | 10 |
| 5014-2118 | 040202 | 9/16" | 19,6 | 19,6 | 10 | 25 | 38 | 10 |

## 5014 IB **1/4" SOCKET SET - INCH**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9311**

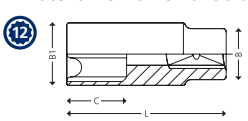
5704196 047744

176 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 12-point inch sockets | 5014 1/4" IB 5/32" - 3/16"- 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 13/32" - 7/16" - 1/2" |

## 5014 IBL **1/4" 12-POINT LONG INCH SOCKETS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5014-5105 | 040356 | 5/32" | 11,9 | 6,8 | 5 | 50 | 22 | 10 |
| 5014-5106 | 040363 | 3/16" | 11,9 | 8,0 | 5 | 50 | 23 | 10 |
| 5014-5107 | 040370 | 7/32" | 11,9 | 8,8 | 5 | 50 | 21 | 10 |
| 5014-5108 | 040387 | 1/4" | 11,9 | 9,3 | 8 | 50 | 21 | 10 |
| 5014-5109 | 040394 | 9/32" | 11,9 | 10,5 | 8 | 50 | 22 | 10 |
| 5014-5110 | 040400 | 5/16" | 11,9 | 11,9 | 8 | 50 | 23 | 10 |
| 5014-5111 | 040417 | 11/32" | 13,0 | 13,0 | 11 | 50 | 25 | 10 |
| 5014-5112 | 040424 | 3/8" | 14,0 | 14,0 | 11 | 50 | 40 | 10 |
| 5014-5113 | 040431 | 13/32" | 14,0 | 14,0 | 11 | 50 | 56 | 10 |
| 5014-5114 | 040448 | 7/16" | 16,0 | 16,0 | 11 | 50 | 56 | 10 |
| 5014-5115 | 040455 | 15/32" | 17,0 | 17,0 | 13 | 50 | 53 | 10 |
| 5014-5116 | 040462 | 1/2" | 17,8 | 17,8 | 16 | 50 | 70 | 10 |
| 5014-5118 | 040479 | 9/16" | 19,6 | 19,6 | 16 | 50 | 75 | 10 |

## 5014 IBL **1/4" SOCKET SET - INCH**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9310**

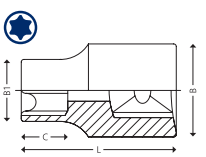
5704196 047751

312 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 12-point inch sockets | 5014 1/4" IBL 5/32" - 3/16"- 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 7/16" - 1/2" |

## 5014 NTX **1/4" SOCKETS FOR TORX® SCREWS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | TORX® NO | MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 5014-6004 | 001494 | E4 | 3,8 | 12,0 | 6,9 | 5 | 25 | 12 | 10 |
| 5014-6005 | 001500 | E5 | 4,7 | 12,0 | 8,1 | 5 | 25 | 12 | 10 |
| 5014-6006 | 001517 | E6 | 5,6 | 12,0 | 8,8 | 5 | 25 | 13 | 10 |
| 5014-6007 | 001524 | E7 | 6,1 | 12,0 | 9,6 | 6 | 25 | 14 | 10 |
| 5014-6008 | 001531 | E8 | 7,4 | 12,0 | 10,6 | 7 | 25 | 13 | 10 |
| 5014-6010 | 001548 | E10 | 9,3 | 14,7 | 13,3 | 8 | 25 | 21 | 10 |

## 5014 NTX **1/4" SOCKET SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5014-9006**

5704196 047768

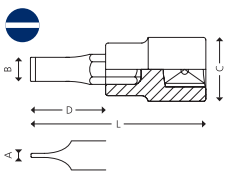
100 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Sockets for Torx® screws | 5014 1/4" NTX E4 - E5 - E6 - E7 - E8 - E10 |

## 5114 **1/4" SOCKET DRIVERS FOR SLOTTED HEAD SCREWS**

ISO 2380, DIN 5264.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

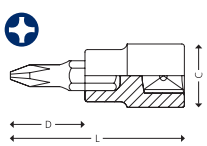


| ITEM NO. | 5704196+ | A X B MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5114-3004 | 001272 | 0,6 x 4 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-3055 | 001289 | 0,8 x 5,5 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-3007 | 001296 | 1,2 x 7 | 11,9 | 18 | 37 | 15 | 10 |

## 5114 PH **1/4" SOCKET DRIVERS FOR PHILLIPS® HEAD SCREWS**

ISO 8764.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

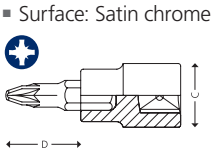


| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5114-3101 | 001302 | 1 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-3102 | 001319 | 2 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-3103 | 001326 | 3 | 11,9 | 18 | 37 | 15 | 10 |

## 5114 PZ **1/4" SOCKET DRIVERS FOR POZIDRIV® HEAD SCREWS**

ISO 8764.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | PZ | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5114-3201 | 001333 | 1 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-3202 | 001340 | 2 | 11,9 | 18 | 37 | 15 | 10 |
| 5114-3203 | 001357 | 3 | 11,9 | 18 | 37 | 15 | 10 |

## 5114 A **1/4" SOCKET DRIVER SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5114-9009**

5704196 047775

152 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Socket drivers for slotted screws | 5114 1/4" 4 - 5,5 - 7 mm |
| 3 | Socket drivers for Phillips® screws | 5114 1/4" PH1 - PH2 - PH3 |
| 3 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ1 - PZ2 - PZ3 |

## 5114 B **1/4" SOCKET DRIVER SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5114-9010**

5704196 047782

174 G

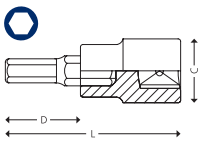
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Socket drivers for hex head screws | 5114 H 1/4" 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Socket drivers for Phillips® screws | 5114 1/4" PH1 - PH2 |
| 2 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ1 - PZ2 |

# POLAR
## SOCKETS AND ACCESSORIES

### 5114 H **1/4" SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5114-2003 | 001364 | 3 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-2004 | 001371 | 4 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-2045 | 019505 | 4,5 | 11,9 | 18 | 37 | 15 | 10 |
| 5114-2005 | 001388 | 5 | 11,9 | 18 | 37 | 15 | 10 |
| 5114-2055 | 019512 | 5,5 | 11,9 | 18 | 37 | 16 | 10 |
| 5114-2006 | 001395 | 6 | 11,9 | 18 | 37 | 16 | 10 |
| 5114-2007 | 001401 | 7 | 11,9 | 18 | 37 | 16 | 10 |
| 5114-2008 | 001418 | 8 | 11,9 | 18 | 37 | 17 | 10 |
| 5114-2010 | 030432 | 10 | 11,9 | 18 | 37 | 18 | 10 |

### 5114 H **1/4" SOCKET DRIVER SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5114-9109**

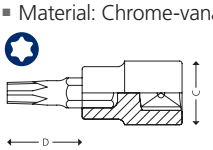
5704196 047799

166 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers for hex head screws | 5114 1/4" H 3 - 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 10 mm |

### 5114 TX **1/4" SOCKET DRIVERS TORX® SCREWS**

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5114-1008 | 049359 | T8 | 2,31 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1010 | 049366 | T10 | 2,74 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1015 | 049373 | T15 | 3,27 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1020 | 049380 | T20 | 3,86 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1025 | 049397 | T25 | 4,43 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1027 | 049403 | T27 | 4,99 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1030 | 049410 | T30 | 5,52 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1040 | 049427 | T40 | 6,65 | 11,9 | 18 | 37 | 15 | 10 |

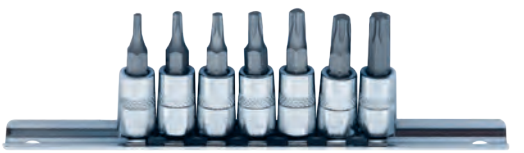
### 5114 TX **1/4" SOCKET DRIVER SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5114-9107**

5704196 053462

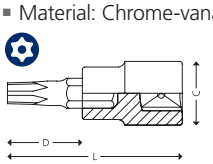
124 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Socket drivers for Torx® screws | 5114 1/4" TX T10 - T15 - T20 - T25 - T27 - T30 - T40 |

### 5114 STX **1/4" SOCKET DRIVERS FOR TAMPER RESISTANT® TORX® SCREWS**

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5114-1508 | 048512 | T8 | 2,31 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1510 | 001425 | T10 | 2,74 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1515 | 001432 | T15 | 3,27 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1520 | 001449 | T20 | 3,86 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1525 | 001456 | T25 | 4,43 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1527 | 001463 | T27 | 4,99 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1530 | 001470 | T30 | 5,52 | 11,9 | 18 | 37 | 14 | 10 |
| 5114-1540 | 001487 | T40 | 6,65 | 11,9 | 18 | 37 | 15 | 10 |

### 5114 STX **1/4" SOCKET DRIVER SET**

- Supplied with 150 mm metal rail and 1/4" clips.

**ITEM NO. 5114-9007**

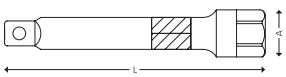
5704196 047805

124 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Socket drivers for Tamper resistant Torx® screws | 5114 1/4" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 |

## 5214 EX **1/4" EXTENSIONS**

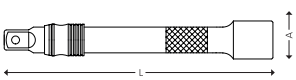
ISO 3316, DIN 3123.
- With ext. 11 mm hexagon.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5214-0050 | 001562 | 50 | 12 | 26 | 10 | 610448 |
| 5214-0100 | 001579 | 100 | 12 | 48 | 10 | |
| 5214-0150 | 001586 | 150 | 12 | 70 | 10 | 610449 |
| 5214-0300 | 043944 | 300 | 12 | 122 | 1 | |

## 5214 EX **1/4" EXTENSION WITH QUICK-RELEASE**

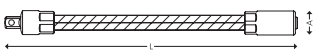
ISO 3316, DIN 3123.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5214-2250 | 027739 | 250 | 12,3 | 90 | 10 |

## 5214 F **1/4" FLEXIBLE EXTENSION**

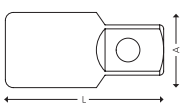
- Maximum torque allowed: 2,8 Nm.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5214-1150 | 001593 | 150 | 12 | 62 | 10 |

## 5614 A **1/4" ADAPTOR FROM 1/4" TO 3/8"**

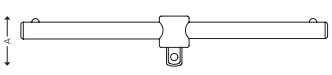
ISO 3316, DIN 3123.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5614-1438 | 001609 | 1/4" | 3/8" | 14 | 25,5 | 32 | 10 | 610471 |

## 5414 TH **1/4" SLIDING T-HANDLE**

ISO 3315, DIN 3122.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

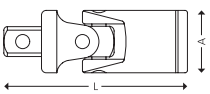


| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5414-0014 | 001623 | 115 | 24 | 42 | 10 | 610421 |

# POLAR
## SOCKETS AND ACCESSORIES

### 5814 U **1/4" UNIVERSAL JOINT**

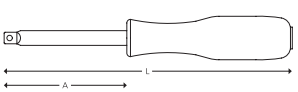
ISO 3316, DIN 3123.
- Equipped with tension-spring. Joint stays at desired angle.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5814-0014 | 001616 | 38 | 14 | 27 | 10 | 610465 |

### 5514 HD **1/4" PLASTIC HANDLE DRIVER**

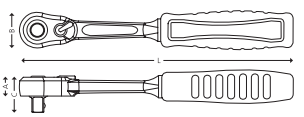
ISO 3315, DIN 3122.
- Handle with internal 1/4" square drive.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5514-0014 | 001630 | 150 | 62 | 100 | 10 | 610446 |

### 5314 B **1/4" REVERSIBLE RATCHET W/ LOCKING SYSTEM**

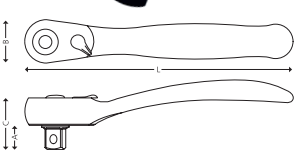
ISO 3315, DIN 3122.
- Model with 48 teeth and Quick Release. Compact head with working angle of 7,5°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5314-0048 | 015712 | 11,4 | 25 | 20 | 140 | 116 | 5 | 610401 |

### 5314 A **1/4" REVERSIBLE RATCHET W/ LOCKING SYSTEM**

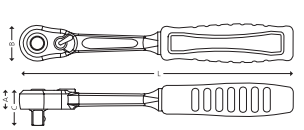
ISO 3315, DIN 3122
- Model with 72 teeth and Quick Release. Compact head with working angle of 5°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5314-1072 | 020006 | 8,5 | 17,7 | 15,8 | 95 | 54 | 1 |

### 5314 E **1/4" REVERSIBLE RATCHET W/ LOCKING SYSTEM**

ISO 3315, DIN 3122.
- Model with 60 teeth and Quick Release. Compact head with working angle of 6°.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5314-1060 | 027333 | 10 | 20 | 20 | 146 | 92 | 5 |

## 5090 HE **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-1424** **IMPA** CODE 610107

- Socket wrench set supplied in compact plastic box with 6-point sockets from 4 to 13 mm, bits and accessories.
- The set is supplied with a reversible 72-teeth ratchet with locking system.
- 24 tools.

1/4" 1/4"

154 MM × 35 MM × 96 MM

0,5 KG

5704196 046914

10

*Supplied in sales displays (10 pcs.)*

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 1 | Bits for Phillips® screws | 4514 1/4" PH 2 |
| 1 | Bits for Pozidriv® screws | 4514 1/4" PZ 2 |
| 3 | Bits for Hex head screws | 4514 1/4" 4 - 5 - 6 mm |
| 4 | Bits for Torx® screws | 4514 1/4" TX T20 - T25 - T30 - T40 |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |
| 1 | Socket wrench adaptor | 4714 1/4" x 1/4" |
| 1 | Wobble extension | 5214 1/4" EXW 100 mm |
| 1 | Ratchet, 72 teeth | 5314 A 1/4" |

## 5090 H **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-1418** **IMPA** CODE 610110

- Socket wrench set in watertight plastic case with 6-point sockets from 4 to 14 mm and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 18 tools.

1/4"

250 MM × 60 MM × 165 MM

0,8 KG

5704196 000572

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-point sockets | 5014 1/4" 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |

# POLAR
## SOCKETS AND ACCESSORIES

## 5090 HB **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-1441**

- Socket wrench set in watertight plastic case with 6-point sockets from 4 to 14 mm, socket drivers and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 41 tools.

1/4"

285 MM × 60 MM × 210 MM

1,4 KG

5704196 000589

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5014 1/4" 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 3 | Socket drivers for slotted head screws | 5114 1/4" 4 - 5.5 - 7 mm |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Socket drivers for Phillips® screws | 5114 1/4" PH 1 - 2 - 3 |
| 3 | Socket drivers for Pozidriv® screws | 5114 1/4" PZ 1 - 2 - 3 |
| 8 | Socket drivers for Tamper Resistant® Torx® screws | 5114 1/4" STX T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 6 | Socket drivers for hex head screws | 5114 1/4" H 3 - 4 - 5 - 6 - 8 - 10 mm |

## 5090 HL **1/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-1459**

- Socket wrench set in watertight plastic case with short and long 6-point sockets from 4 to 13 mm, bits and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 59 tools.

1/4" 1/4"

350 MM × 80 MM × 270 MM

1,9 KG

5704196 000596

4

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point sockets | 5014 1/4" 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm |
| 10 | Long 6-point sockets | 5014 1/4" L 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 13 mm |
| 1 | Ratchet, 60 teeth | 5314 1/4" E |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 10 | Bits for Tamper Resistant® Torx® screws | 4514 1/4" STX T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 7 | Bits for hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Bits for square head screws | 4514 1/4" SQ 1 - 2 |

# POLAR
## SOCKETS AND ACCESSORIES

## 5090 HIB **1/4" METRIC AND INCH SOCKET WRENCH SET**

**ITEM NO. 5090-1460**

- Socket wrench set in watertight plastic case with 6-point sockets from 4 to 14 mm, 3/16" to 1/2", bits and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 60 tools.

1/4" 1/4"

285 MM × 210 MM × 60 MM

2,6 KG

5704196 000602

10

*CONTENT:*

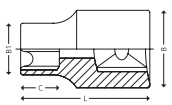
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5014 1/4" 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm |
| 9 | 6-point sockets | 5014 1/4" 3/16 - 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 - 7/16 - 1/2" |
| 1 | Ratchet, 60 teeth | 5314 1/4" A |
| 2 | Extensions | 5214 1/4" EX 50 - 100 mm |
| 1 | Flexible extension | 5214 1/4" F |
| 1 | Sliding T-handle | 5414 1/4" TH |
| 1 | Universal joint | 5814 1/4" U |
| 1 | Plastic handle driver | 5514 1/4" HD |
| 1 | Screwdriver bit socket | 4714 1/4" x 1/4" |

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Quick-Release screwdriver bit socket | 4714 1/4" QR |
| 5 | Bits for slotted head screws | 4514 1/4" 3.5 - 4.5 - 5.5 - 6.5 - 8 mm |
| 3 | Bits for Phillips® screws | 4514 1/4" PH 1 - 2 - 3 |
| 3 | Bits for Pozidriv® screws | 4514 1/4" PZ 1 - 2 - 3 |
| 10 | Bits for Tamper Resistant® Torx® screws | 4514 1/4" STX T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 |
| 7 | Bits for hex head screws | 4514 1/4" H 2 - 3 - 4 - 5 - 6 - 7 - 8 mm |
| 2 | Bits for square head screws | 4514 1/4" SQ 1 - 2 |

## 3/8" SOCKETS AND ACCESSORIES

### 5038 **3/8" 6-POINT METRIC SOCKETS**

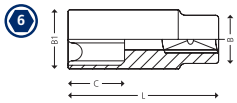
ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5038-0006 | 001654 | 6 | 17,0 | 10,2 | 8 | 28 | 22 | 10 | 610201 |
| 5038-0007 | 001661 | 7 | 17,0 | 10,6 | 8 | 28 | 22 | 10 | 610202 |
| 5038-0008 | 001678 | 8 | 17,0 | 11,8 | 8 | 28 | 24 | 10 | 610203 |
| 5038-0009 | 001685 | 9 | 17,0 | 13,2 | 8 | 28 | 24 | 10 | 610204 |
| 5038-0010 | 001692 | 10 | 17,0 | 14,5 | 8 | 28 | 25 | 10 | 610205 |
| 5038-0011 | 001708 | 11 | 17,0 | 15,7 | 8 | 28 | 24 | 10 | 610206 |
| 5038-0012 | 001715 | 12 | 16,0 | 17,0 | 8 | 28 | 23 | 10 | 610207 |
| 5038-0013 | 001722 | 13 | 16,5 | 18,0 | 8 | 28 | 27 | 10 | 610208 |
| 5038-0014 | 001739 | 14 | 17,0 | 19,6 | 12 | 28 | 34 | 10 | 610209 |
| 5038-0015 | 001746 | 15 | 18,0 | 20,9 | 12 | 28 | 41 | 10 | |
| 5038-0016 | 001753 | 16 | 19,0 | 22,0 | 12 | 30 | 43 | 10 | |
| 5038-0017 | 001760 | 17 | 20,0 | 23,4 | 12 | 30 | 54 | 10 | 610210 |
| 5038-0018 | 001777 | 18 | 21,0 | 24,6 | 12 | 30 | 60 | 10 | |
| 5038-0019 | 001784 | 19 | 23,0 | 26,0 | 14 | 30 | 68 | 10 | 610211 |
| 5038-0020 | 001791 | 20 | 24,0 | 27,1 | 14 | 32 | 81 | 10 | |
| 5038-0021 | 001807 | 21 | 25,0 | 28,0 | 14 | 32 | 83 | 10 | 610212 |
| 5038-0022 | 001814 | 22 | 26,0 | 29,6 | 14 | 32 | 99 | 10 | 610213 |
| 5038-0024 | 028835 | 24 | 28,0 | 32,0 | 17,5 | 32 | 107 | 10 | |

### 5038 L **3/8" 6-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-4006 | 028842 | 6 | 17,0 | 10,2 | 18 | 63 | 50 | 10 |
| 5038-4007 | 028859 | 7 | 17,0 | 10,5 | 14 | 63 | 50 | 10 |
| 5038-4008 | 001951 | 8 | 17,0 | 11,8 | 9 | 63 | 51 | 10 |
| 5038-4009 | 001968 | 9 | 17,0 | 13,2 | 9 | 63 | 53 | 10 |
| 5038-4010 | 001975 | 10 | 17,0 | 14,5 | 9 | 63 | 56 | 10 |
| 5038-4011 | 001982 | 11 | 17,0 | 15,7 | 12 | 63 | 62 | 10 |
| 5038-4012 | 001999 | 12 | 16,0 | 17,0 | 12 | 63 | 70 | 10 |
| 5038-4013 | 002002 | 13 | 16,5 | 18,0 | 12 | 63 | 76 | 10 |
| 5038-4014 | 002019 | 14 | 17,0 | 19,6 | 15 | 63 | 86 | 10 |
| 5038-4015 | 002026 | 15 | 18,0 | 20,9 | 15 | 63 | 111 | 10 |
| 5038-4016 | 002033 | 16 | 19,0 | 22,0 | 15 | 63 | 101 | 10 |
| 5038-4017 | 002040 | 17 | 20,0 | 23,4 | 15 | 63 | 122 | 10 |
| 5038-4018 | 002057 | 18 | 21,0 | 24,6 | 18 | 63 | 153 | 10 |
| 5038-4019 | 002064 | 19 | 23,0 | 26,0 | 18 | 63 | 142 | 10 |
| 5038-4021 | 002071 | 21 | 25,0 | 28,0 | 18 | 63 | 160 | 10 |
| 5038-4022 | 002088 | 22 | 26,0 | 29,6 | 21 | 63 | 195 | 10 |

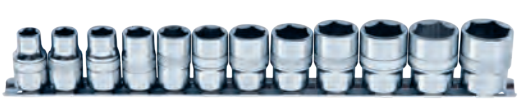
### 5038 **3/8" SOCKET SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9012**

5704196 047812

436 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5038 3/8" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

### 5038 L **3/8" SOCKET SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9011**

5704196 047829

822 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | Long 6-point sockets | 5038 3/8" L 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

### 5192 L **3/8" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 5192-3814**

- Set in metal box with long 6-point sockets from 6 to 24 mm.
- 14 tools.

3/8"

250 MM × 50 MM × 150 MM

2,1 KG

5704196 029054

10

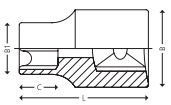
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 14 | Long 6-point sockets | 5038 L 3/8" 6 - 8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

# POLAR
## SOCKETS AND ACCESSORIES

## 5038 B **3/8" 12-POINT METRIC SOCKETS**

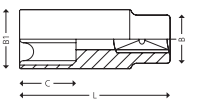
ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-2006 | 040660 | 6 | 17,0 | 10,2 | 8 | 28 | 22 | 10 |
| 5038-2007 | 040677 | 7 | 17,0 | 10,6 | 8 | 28 | 22 | 10 |
| 5038-2008 | 040684 | 8 | 17,0 | 11,8 | 8 | 28 | 24 | 10 |
| 5038-2009 | 040691 | 9 | 17,0 | 13,2 | 8 | 28 | 24 | 10 |
| 5038-2010 | 040707 | 10 | 17,0 | 14,5 | 8 | 28 | 25 | 10 |
| 5038-2011 | 040714 | 11 | 17,0 | 15,7 | 8 | 28 | 24 | 10 |
| 5038-2012 | 040721 | 12 | 16,0 | 17,0 | 12 | 28 | 23 | 10 |
| 5038-2013 | 040738 | 13 | 16,5 | 18,0 | 12 | 28 | 27 | 10 |
| 5038-2014 | 040745 | 14 | 17,0 | 19,6 | 12 | 28 | 34 | 10 |
| 5038-2015 | 040752 | 15 | 18,0 | 20,9 | 12 | 28 | 41 | 10 |
| 5038-2016 | 040769 | 16 | 19,0 | 22,0 | 12 | 30 | 43 | 10 |
| 5038-2017 | 040776 | 17 | 20,0 | 23,4 | 12 | 30 | 54 | 10 |
| 5038-2018 | 040783 | 18 | 21,0 | 24,6 | 12 | 30 | 60 | 10 |
| 5038-2019 | 040790 | 19 | 23,0 | 26,0 | 14 | 30 | 68 | 10 |
| 5038-2020 | 047652 | 20 | 24,0 | 27,1 | 14 | 32 | 81 | 10 |
| 5038-2021 | 040806 | 21 | 25,0 | 28,0 | 14 | 32 | 83 | 10 |
| 5038-2022 | 040813 | 22 | 26,0 | 29,6 | 14 | 32 | 99 | 10 |

## 5038 BL **3/8" 12-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-5006 | 041001 | 6 | 17,0 | 9,9 | 6 | 63 | 50 | 10 |
| 5038-5007 | 041018 | 7 | 17,0 | 10,6 | 6 | 63 | 50 | 10 |
| 5038-5008 | 041025 | 8 | 17,0 | 11,8 | 9 | 63 | 51 | 10 |
| 5038-5009 | 041032 | 9 | 17,0 | 13,2 | 9 | 63 | 53 | 10 |
| 5038-5010 | 041049 | 10 | 17,0 | 14,5 | 9 | 63 | 56 | 10 |
| 5038-5011 | 041056 | 11 | 17,0 | 15,7 | 12 | 63 | 62 | 10 |
| 5038-5012 | 041063 | 12 | 16,0 | 17,0 | 12 | 63 | 70 | 10 |
| 5038-5013 | 041070 | 13 | 16,5 | 18,0 | 12 | 63 | 76 | 10 |
| 5038-5014 | 041087 | 14 | 17,0 | 19,6 | 15 | 63 | 86 | 10 |
| 5038-5015 | 041094 | 15 | 18,0 | 20,9 | 15 | 63 | 111 | 10 |
| 5038-5016 | 041100 | 16 | 19,0 | 22,0 | 15 | 63 | 101 | 10 |
| 5038-5017 | 041117 | 17 | 20,0 | 23,4 | 15 | 63 | 122 | 10 |
| 5038-5018 | 041124 | 18 | 21,0 | 24,6 | 18 | 63 | 153 | 10 |
| 5038-5019 | 041131 | 19 | 23,0 | 26,0 | 18 | 63 | 142 | 10 |
| 5038-5021 | 041148 | 21 | 25,0 | 28,0 | 18 | 63 | 160 | 10 |
| 5038-5022 | 041155 | 22 | 26,0 | 29,6 | 21 | 63 | 195 | 10 |

## 5038 B **3/8" SOCKET SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9112**

5704196 047836 410 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 12-point sockets | 5038 3/8" B 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5038 BL **3/8" SOCKET SET**

- Supplied with 250 mm metal rail and 3/8" clips.

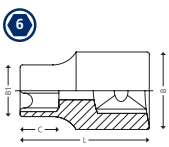
**ITEM NO. 5038-9111**

5704196 047843 814 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | Long 12-point sockets | 5038 3/8" BL 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5038 I **3/8" 6-POINT INCH SOCKETS**

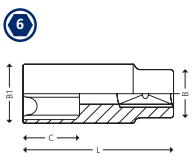
ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-1008 | 001821 | 1/4" | 17,0 | 10,2 | 8 | 28 | 22 | 10 |
| 5038-1009 | 043166 | 9/32" | 17,0 | 10,6 | 8 | 28 | 22 | 10 |
| 5038-1010 | 001838 | 5/16" | 17,0 | 11,8 | 8 | 28 | 24 | 10 |
| 5038-1011 | 043173 | 11/32" | 17,0 | 13,2 | 8 | 28 | 24 | 10 |
| 5038-1012 | 001845 | 3/8" | 17,0 | 14,5 | 8 | 28 | 25 | 10 |
| 5038-1014 | 001852 | 7/16" | 16,0 | 15,7 | 8 | 28 | 24 | 10 |
| 5038-1015 | 043197 | 15/32" | 16,5 | 17,0 | 8 | 28 | 23 | 10 |
| 5038-1016 | 001869 | 1/2" | 17,0 | 18,0 | 8 | 28 | 27 | 10 |
| 5038-1018 | 001883 | 9/16" | 18,0 | 19,6 | 12 | 28 | 34 | 10 |
| 5038-1019 | 001890 | 19/32" | 19,0 | 21,8 | 12 | 30 | 41 | 10 |
| 5038-1020 | 001906 | 5/8" | 20,0 | 22,0 | 12 | 30 | 43 | 10 |
| 5038-1021 | 043203 | 21/32" | 21,0 | 23,4 | 12 | 30 | 48 | 10 |
| 5038-1022 | 001913 | 11/16" | 23,0 | 23,4 | 12 | 30 | 54 | 10 |
| 5038-1024 | 001920 | 3/4" | 24,0 | 26,0 | 14 | 32 | 68 | 10 |
| 5038-1025 | 043210 | 25/32" | 25,0 | 27,1 | 14 | 32 | 81 | 10 |
| 5038-1026 | 001937 | 13/16" | 26,0 | 28,0 | 14 | 32 | 83 | 10 |
| 5038-1028 | 001944 | 7/8" | 27,0 | 29,6 | 14 | 32 | 99 | 10 |

## 5038 IL **3/8" 6-POINT LONG INCH SOCKETS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



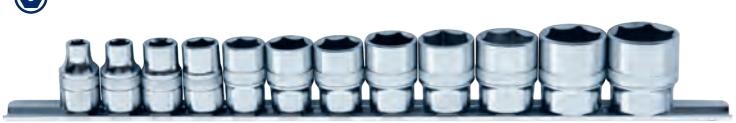
| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-4108 | 040486 | 1/4" | 17,0 | 9,9 | 6 | 63 | 50 | 10 |
| 5038-4110 | 040509 | 5/16" | 17,0 | 11,8 | 9 | 63 | 51 | 10 |
| 5038-4111 | 040516 | 11/32" | 17,0 | 13,2 | 9 | 63 | 53 | 10 |
| 5038-4112 | 040523 | 3/8" | 17,0 | 14,5 | 9 | 63 | 56 | 10 |
| 5038-4114 | 040547 | 7/16" | 17,0 | 15,7 | 12 | 63 | 62 | 10 |
| 5038-4115 | 040554 | 15/32" | 16,0 | 17,0 | 12 | 63 | 70 | 10 |
| 5038-4116 | 040561 | 1/2" | 16,5 | 18,0 | 12 | 63 | 76 | 10 |
| 5038-4118 | 040578 | 9/16" | 17,0 | 19,6 | 15 | 63 | 86 | 10 |
| 5038-4119 | 040585 | 19/32" | 18,0 | 21,8 | 15 | 63 | 111 | 10 |
| 5038-4120 | 040592 | 5/8" | 19,0 | 22,0 | 15 | 63 | 102 | 10 |
| 5038-4121 | 040608 | 21/32" | 20,0 | 23,4 | 15 | 63 | 112 | 10 |
| 5038-4122 | 040615 | 11/16" | 20,0 | 23,4 | 15 | 63 | 122 | 10 |
| 5038-4124 | 040622 | 3/4" | 23,0 | 26,0 | 18 | 63 | 142 | 10 |
| 5038-4125 | 040639 | 25/32" | 24,0 | 27,1 | 18 | 63 | 162 | 10 |
| 5038-4126 | 040646 | 13/16" | 25,0 | 28,0 | 18 | 63 | 160 | 10 |
| 5038-4128 | 040653 | 7/8" | 26,0 | 19,6 | 21 | 63 | 195 | 10 |

## 5038 I **3/8" SOCKET SET - INCH**

- Supplied with 300 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9212**

5704196 047850 516 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point inch sockets | 5038 3/8" I 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 19/32" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" |

## 5038 IL **3/8" SOCKET SET - INCH**

- Supplied with 300 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9312**

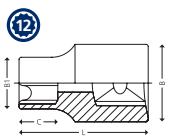
5704196 047867 1030 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Long 6-point inch sockets | 5038 3/8" IL 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 19/32" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" |

# POLAR
# SOCKETS AND ACCESSORIES

## 5038 IB **3/8" 12-POINT INCH SOCKETS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



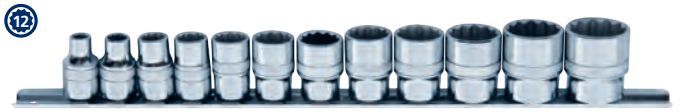
| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-2108 | 040820 | 1/4" | 17,0 | 10,2 | 8 | 28 | 22 | 10 |
| 5038-2109 | 040837 | 9/32" | 17,0 | 10,6 | 8 | 28 | 22 | 10 |
| 5038-2110 | 040844 | 5/16" | 17,0 | 11,8 | 8 | 28 | 24 | 10 |
| 5038-2111 | 040851 | 11/32" | 17,0 | 13,2 | 8 | 28 | 24 | 10 |
| 5038-2112 | 040868 | 3/8" | 17,0 | 14,5 | 8 | 28 | 25 | 10 |
| 5038-2113 | 040875 | 13/32" | 17,0 | 14,5 | 8 | 28 | 24 | 10 |
| 5038-2114 | 040882 | 7/16" | 17,0 | 15,7 | 8 | 28 | 24 | 10 |
| 5038-2115 | 040899 | 15/32" | 16,0 | 17,0 | 8 | 28 | 23 | 10 |
| 5038-2116 | 040905 | 1/2" | 16,5 | 18,0 | 8 | 28 | 27 | 10 |
| 5038-2118 | 040912 | 9/16" | 17,0 | 19,6 | 12 | 28 | 34 | 10 |
| 5038-2119 | 040929 | 19/32" | 18,0 | 21,8 | 12 | 28 | 41 | 10 |
| 5038-2120 | 040936 | 5/8" | 19,0 | 22,0 | 12 | 30 | 43 | 10 |
| 5038-2121 | 040943 | 21/32" | 20,0 | 23,4 | 12 | 30 | 48 | 10 |
| 5038-2122 | 040950 | 11/16" | 20,0 | 23,4 | 12 | 30 | 54 | 10 |
| 5038-2124 | 040967 | 3/4" | 23,0 | 26,0 | 14 | 30 | 68 | 10 |
| 5038-2125 | 040974 | 25/32" | 25,0 | 27,1 | 14 | 32 | 81 | 10 |
| 5038-2126 | 040981 | 13/16" | 25,0 | 28,0 | 14 | 32 | 83 | 10 |
| 5038-2128 | 040998 | 7/8" | 26,0 | 29,6 | 14 | 32 | 99 | 10 |

## 5038 IB **3/8" SOCKET SET - INCH**

- Supplied with 300 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9412**

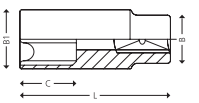
5704196 047874 500 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 12-point inch sockets | 5038 3/8" IB 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 19/32" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" |

## 5038 IBL **3/8" 12-POINT LONG INCH SOCKETS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-5108 | 041162 | 1/4" | 17,0 | 9,9 | 6 | 63 | 50 | 10 |
| 5038-5110 | 041186 | 5/16" | 17,0 | 11,8 | 9 | 63 | 51 | 10 |
| 5038-5111 | 041193 | 11/32" | 17,0 | 13,2 | 9 | 63 | 53 | 10 |
| 5038-5112 | 041209 | 3/8" | 17,0 | 14,5 | 9 | 63 | 56 | 10 |
| 5038-5113 | 041216 | 13/32" | 17,0 | 14,5 | 9 | 63 | 59 | 10 |
| 5038-5114 | 041223 | 7/16" | 17,0 | 15,7 | 12 | 63 | 62 | 10 |
| 5038-5115 | 041230 | 15/32" | 16,0 | 17,0 | 12 | 63 | 70 | 10 |
| 5038-5116 | 041247 | 1/2" | 16,5 | 18,0 | 12 | 63 | 76 | 10 |
| 5038-5118 | 041254 | 9/16" | 17,0 | 19,6 | 15 | 63 | 86 | 10 |
| 5038-5119 | 041261 | 19/32" | 18,0 | 21,8 | 15 | 63 | 111 | 10 |
| 5038-5120 | 041278 | 5/8" | 19,0 | 22,0 | 15 | 63 | 102 | 10 |
| 5038-5121 | 041285 | 21/32" | 20,0 | 23,4 | 15 | 63 | 112 | 10 |
| 5038-5122 | 041292 | 11/16" | 23,0 | 23,4 | 15 | 63 | 122 | 10 |
| 5038-5124 | 041308 | 3/4" | 24,0 | 26,0 | 18 | 63 | 142 | 10 |
| 5038-5125 | 041315 | 25/32" | 25,0 | 27,1 | 18 | 63 | 162 | 10 |
| 5038-5126 | 041322 | 13/16" | 26,0 | 28,0 | 18 | 63 | 160 | 10 |
| 5038-5128 | 041339 | 7/8" | 28,0 | 29,6 | 21 | 63 | 195 | 10 |

## 5038 IBL **3/8" SOCKET SET - INCH**

- Supplied with 300 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9512**

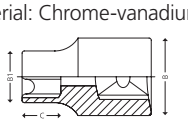
5704196 047881

972 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Long 12-point inch sockets | 5038 3/8" IBL 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 19/32" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" |

## 5038 NTX **3/8" SOCKETS FOR TORX® SCREWS**

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | TORX® NO. | MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 5038-6006 | 028965 | E6 | 5,6 | 17 | 9 | 5 | 28 | 25 | 10 |
| 5038-6007 | 028972 | E7 | 6,1 | 17 | 10 | 6 | 28 | 26 | 10 |
| 5038-6008 | 028989 | E8 | 7,4 | 17 | 11 | 9 | 28 | 27 | 10 |
| 5038-6010 | 028996 | E10 | 9,3 | 17 | 13 | 10 | 28 | 28 | 10 |
| 5038-6011 | 046990 | E11 | 9,8 | 17 | 14 | 10 | 28 | 29 | 1 |
| 5038-6012 | 029009 | E12 | 11,1 | 17 | 15 | 10 | 28 | 27 | 10 |
| 5038-6014 | 029016 | E14 | 12,8 | 17 | 18 | 10 | 28 | 34 | 10 |
| 5038-6016 | 029023 | E16 | 14,7 | 17 | 20 | 10 | 28 | 43 | 10 |
| 5038-6018 | 043951 | E18 | 16,6 | 19 | 22 | 11 | 28 | 46 | 1 |

## 5038 NTX **3/8" SOCKET SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9009**

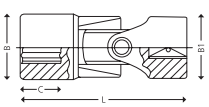
5704196 047898 302 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Sockets for Torx® screws | 5038 3/8" NTX E6 - E7 - E8 - E10 - E11 - E12 - E14 - E16 - E18 |

## 5038 US **3/8" UNIVERSAL SOCKET**

ISO 1174, DIN 3120.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5038-7010 | 049595 | 10 | 15,3 | 18,9 | 5,8 | 46,0 | 56 | 10 |
| 5038-7011 | 049601 | 11 | 16,3 | 18,9 | 6,8 | 46,8 | 56 | 10 |
| 5038-7012 | 049618 | 12 | 17,6 | 18,9 | 7,7 | 46,6 | 56 | 10 |
| 5038-7013 | 049625 | 13 | 18,9 | 18,9 | 7,9 | 47,7 | 58 | 10 |
| 5038-7014 | 049632 | 14 | 19,6 | 18,9 | 9,6 | 47,2 | 58 | 10 |
| 5038-7015 | 049649 | 15 | 20,9 | 18,9 | 9,9 | 47,9 | 62 | 10 |
| 5038-7016 | 049656 | 16 | 22,3 | 18,9 | 10,4 | 48,6 | 64 | 10 |
| 5038-7017 | 049663 | 17 | 24,3 | 18,9 | 10,3 | 49,3 | 72 | 10 |
| 5038-7018 | 049670 | 18 | 24,3 | 18,9 | 11,8 | 48,6 | 68 | 10 |
| 5038-7019 | 049687 | 19 | 25,6 | 18,9 | 12,5 | 50,9 | 74 | 10 |

## 5038 US **3/8" SOCKET SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5038-9710**

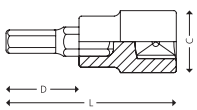
5704196 050836 678 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Universal sockets | 5038 3/8" US 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5138 H **3/8" SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5138-2003 | 044347 | 3 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-2004 | 044354 | 4 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-2005 | 044361 | 5 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-2006 | 044378 | 6 | 17,6 | 22 | 48 | 32 | 10 |
| 5138-2007 | 044385 | 7 | 17,6 | 22 | 48 | 34 | 10 |
| 5138-2008 | 044392 | 8 | 17,6 | 22 | 48 | 36 | 10 |
| 5138-2009 | 044408 | 9 | 17,6 | 22 | 48 | 38 | 10 |
| 5138-2010 | 044415 | 10 | 17,6 | 22 | 48 | 40 | 10 |

## 5138 H **3/8" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9008**

5704196 047904 320 G

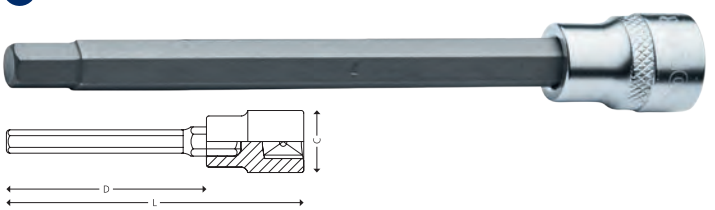
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Socket drivers for hex head screws | 5138 3/8" H 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm |

# POLAR
## SOCKETS AND ACCESSORIES

### 5138 HL **3/8" LONG SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | SIZE MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5138-2103 | 044422 | 3 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-2104 | 044439 | 4 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-2105 | 044446 | 5 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-2106 | 044453 | 6 | 17,6 | 100 | 126 | 54 | 10 |
| 5138-2107 | 044460 | 7 | 17,6 | 100 | 126 | 68 | 10 |
| 5138-2108 | 044477 | 8 | 17,6 | 100 | 126 | 70 | 10 |
| 5138-2109 | 044484 | 9 | 17,6 | 100 | 126 | 100 | 10 |
| 5138-2110 | 044491 | 10 | 17,6 | 100 | 126 | 102 | 10 |

### 5138 HL **3/8" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9108**

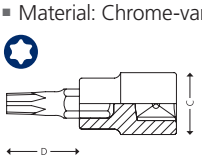
5704196 047911

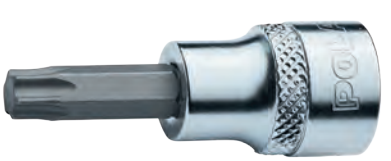
596 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Long socket drivers for hex head screws | 5138 3/8" HL 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm |

### 5138 TX **3/8" SOCKET DRIVERS FOR TORX® SCREWS**

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5138-1010 | 043968 | T10 | 2,74 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1015 | 043975 | T15 | 3,27 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1020 | 043982 | T20 | 3,86 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1025 | 043999 | T25 | 4,43 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1027 | 044002 | T27 | 4,99 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1030 | 044019 | T30 | 5,52 | 17,6 | 22 | 48 | 32 | 10 |
| 5138-1040 | 044026 | T40 | 6,65 | 17,6 | 22 | 48 | 32 | 10 |
| 5138-1045 | 044033 | T45 | 7,82 | 17,6 | 22 | 48 | 34 | 10 |
| 5138-1050 | 044040 | T50 | 8,83 | 17,6 | 22 | 48 | 34 | 10 |

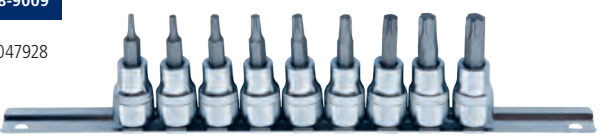
### 5138 TX **3/8" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9009**

5704196 047928

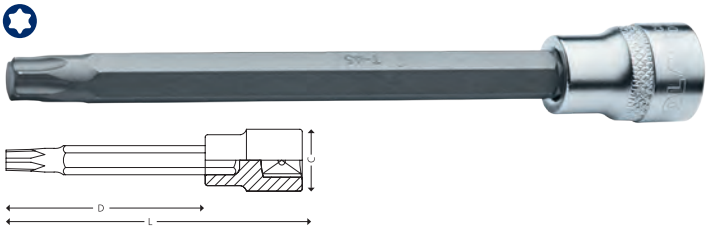
332 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers for Torx® screws | 5138 3/8" TX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |

### 5138 TXL **3/8" LONG SOCKET DRIVERS FOR TORX® SCREWS**

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5138-1110 | 044255 | T10 | 2,74 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1115 | 044262 | T15 | 3,27 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1120 | 044279 | T20 | 3,86 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1125 | 044286 | T25 | 4,43 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1127 | 044293 | T27 | 4,99 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1130 | 044309 | T30 | 5,52 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1140 | 044316 | T40 | 6,65 | 17,6 | 100 | 126 | 52 | 10 |
| 5138-1145 | 044323 | T45 | 7,82 | 17,6 | 100 | 126 | 68 | 10 |
| 5138-1150 | 044330 | T50 | 8,83 | 17,6 | 100 | 126 | 68 | 10 |

### 5138 TXL **3/8" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9109**

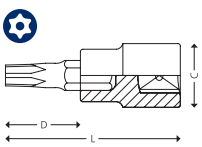
5704196 047935

548 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long socket drivers for Torx® screws | 5138 3/8" TXL T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |

## 5138 STX **3/8" SOCKET DRIVERS FOR TAMPER RESISTANT® TORX® SCREWS**

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5138-1510 | 044057 | T10 | 2,74 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1515 | 044064 | T15 | 3,27 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1520 | 044071 | T20 | 3,86 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1525 | 044088 | T25 | 4,43 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1527 | 044095 | T27 | 4,99 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1530 | 044101 | T30 | 5,52 | 17,6 | 22 | 48 | 30 | 10 |
| 5138-1540 | 044118 | T40 | 6,65 | 17,6 | 22 | 48 | 32 | 10 |
| 5138-1545 | 044125 | T45 | 7,82 | 17,6 | 22 | 48 | 34 | 10 |
| 5138-1550 | 044132 | T50 | 8,83 | 17,6 | 22 | 48 | 34 | 10 |

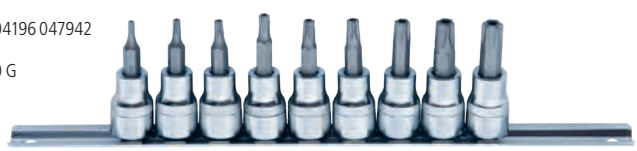
## 5138 STX **3/8" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9209**

5704196 047942

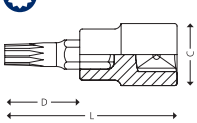
330 G

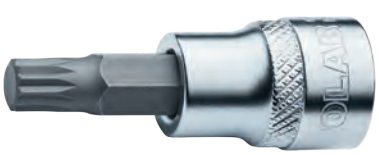


| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers for Tamper Resistant Torx® screws | 5138 3/8" STX T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 |

## 5138 XZN **3/8" SOCKET DRIVERS FOR XZN® SCREWS**

DIN 2324.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5138-4007 | 044224 | M7 | 17,6 | 22 | 48 | 34 | 10 |
| 5138-4008 | 044231 | M8 | 17,6 | 22 | 48 | 34 | 10 |
| 5138-4010 | 044248 | M10 | 17,6 | 22 | 48 | 46 | 10 |

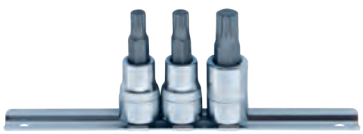
## 5138 XZN **3/8" SOCKET DRIVER SET**

- Supplied with 150 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9003**

5704196 047959

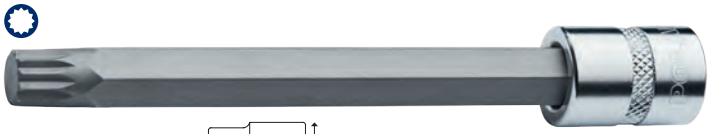
140 G

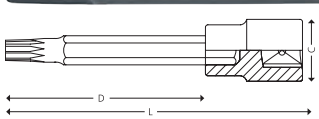


| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Socket drivers for XZN® screws | 5138 3/8" XZN M7 - M8 - M10 |

## 5138 XZNL **3/8" LONG SOCKET DRIVERS FOR XZN® SCREWS**

DIN 2324.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.






| ITEM NO. | 5704196+ | SIZE | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5138-4105 | 044507 | M5 | 17,6 | 100 | 126 | 68 | 10 |
| 5138-4106 | 044514 | M6 | 17,6 | 100 | 126 | 68 | 10 |
| 5138-4107 | 044521 | M7 | 17,6 | 100 | 126 | 68 | 10 |
| 5138-4108 | 044538 | M8 | 17,6 | 100 | 126 | 68 | 10 |
| 5138-4110 | 044545 | M10 | 17,6 | 100 | 126 | 100 | 10 |
| 5138-4111 | 044552 | M11 | 17,6 | 100 | 126 | 126 | 10 |
| 5138-4112 | 044569 | M12 | 17,6 | 100 | 126 | 128 | 10 |
| 5138-4113 | 044576 | M13 | 17,6 | 100 | 126 | 158 | 10 |
| 5138-4114 | 044583 | M14 | 17,6 | 100 | 126 | 160 | 10 |

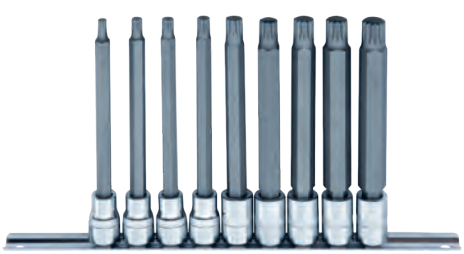
## 5138 XZNL **3/8" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 3/8" clips.

**ITEM NO. 5138-9309**

5704196 047966

988 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long socket drivers for XZN® screws | 5138 3/8" XZNL M5 - M6 - M7 - M8 - M10 - M11 - M12 - M13 - M14 |

# POLAR
## SOCKETS AND ACCESSORIES

### 5038 SP **3/8" SPARK PLUG SOCKETS**

ISO 11168, DIN 3120.
- Rubber gasket for retaining the spark plug.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5038-0516 | 002095 | 16 | 19 | 22 | 63 | 91 | 10 |
| 5038-0518 | 015682 | 18 | 22 | 24,7 | 63 | 122 | 10 |
| 5038-0521 | 002101 | 21 | 22 | 27,5 | 63 | 127 | 10 |

### 5038 SPM **3/8" 12-POINT SPARK PLUG SOCKET - MAGNETIC**

ISO 11168, DIN 3120.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5038-1514 | 048253 | 18 | 22 | 24,7 | 63 | 122 | 10 |

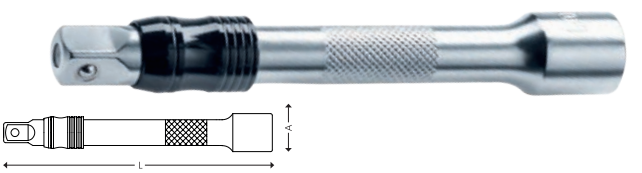
### 5238 EX **3/8" EXTENSIONS**

ISO 3316, DIN 3123.
- With ext. 16 mm Hexagon.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5238-0050 | 048260 | 50 | 18 | 48 | 10 | |
| 5238-0075 | 002118 | 75 | 18 | 83 | 10 | 610450 |
| 5238-0125 | 044606 | 125 | 18 | 116 | 10 | |
| 5238-0150 | 002132 | 150 | 18 | 155 | 10 | 610451 |
| 5238-0250 | 002149 | 250 | 18 | 244 | 10 | 610452 |
| 5238-0500 | 044613 | 500 | 18 | 440 | 1 | |
| 5238-0600 | 047362 | 600 | 18 | 540 | 1 | |
| 5238-1000 | 047379 | 1000 | 18 | 1150 | 1 | |

### 5238 EXQR **3/8" EXTENSIONS WITH QUICK-RELEASE**

ISO 3316, DIN 3123.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5238-2075 | 027746 | 75 | 15,5 | 68 | 10 |
| 5238-2125 | 027753 | 125 | 15,5 | 112 | 10 |
| 5238-2200 | 027760 | 200 | 15,5 | 184 | 10 |

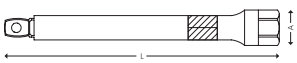
### 5290 **3/8" QUICK-RELEASE EXTENSION BAR SET**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 5290-3803 | 027807 | 3 | 5238 EXQR 75 mm, 125 mm, 200 mm | 440 | 1 |

## 5238 EXW **3/8" WOBBLE EXTENSIONS**

- Can be used for both wobble and rigid functionality.
- The wobble function provides 15° of additional accessibility.
- With ext. 16 mm Hexagon.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

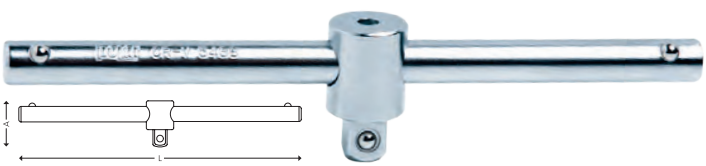


| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5238-1075 | 011028 | 75 | 18 | 83 | 10 |
| 5238-1150 | 011035 | 150 | 18 | 155 | 10 |
| 5238-1250 | 011042 | 250 | 18 | 244 | 10 |
| 5238-1450 | 011059 | 450 | 18 | 630 | 10 |

## 5438 TH **3/8" SLIDING T-HANDLE**

ISO 3315, DIN 3122.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

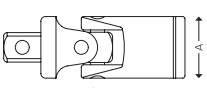


| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5438-0038 | 002187 | 164 | 34 | 43 | 10 | 610422 |

## 5838 U **3/8" UNIVERSAL JOINT**

ISO 3316, DIN 3123.

- Equipped with tension-spring. Joint stays at desired angle.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

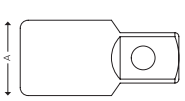


| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5838-0038 | 002170 | 56 | 20 | 67 | 10 | 610466 |

## 5738 A **3/8" ADAPTOR FROM 3/8" TO 1/4"**

ISO 3316, DIN 3123.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

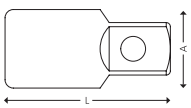


| ITEM NO. | 5704196+ | | | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5738-3814 | 002156 | 3/8" | 1/4" | 16 | 27 | 30 | 10 | 610472 |

## 5638 A **3/8" ADAPTOR FROM 3/8" TO 1/2"**

ISO 3316, DIN 3123.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

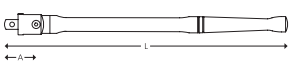


| ITEM NO. | 5704196+ | | | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5638-3812 | 002163 | 3/8" | 1/2" | 16 | 37,5 | 69 | 10 | 610473 |

## 5938 FH **3/8" SWIVEL HANDLE**

ISO 3316, DIN 3123.

- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

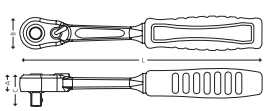


| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5938-0250 | 028866 | 250 | 26,5 | 270 | 1 | 610422 |

## 5338 E **3/8" REVERSIBLE RATCHET WITH LOCKING SYSTEM**

ISO 3315, DIN 3122.

- Model with 60 teeth and Quick Release.
- Compact head with working angle of 6°.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5338-0060 | 027340 | 13 | 28 | 26 | 199 | 216 | 5 |

# POLAR
## SOCKETS AND ACCESSORIES

## 5090 H **3/8" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-3812**

- Socket wrench set in metal box with 6-point sockets from 7 to 19 mm and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 12 tools.

3/8"

250 MM × 45 MM × 135 MM

1,7 KG

5704196 018485

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | 6-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 mm |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 1 | Extension | 5238 3/8" EX 150 mm |
| 1 | Sliding T-handle | 5438 3/8" TH |

## 5090 HL **3/8" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-3836**

- Socket wrench set in watertight plastic case with 6-point sockets from 6 to 22 mm, long sockets from 8 to 22 mm and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 36 tools.

3/8" 3/8"

350 MM 80 MM 270 MM

3,4 KG

5704196 000619

4

**IMPA** CODE 610114

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm |
| 12 | Long 6-point sockets | 5038 3/8" L 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 20 - 22 mm |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 1 | Extension | 5238 3/8" EX 150 mm |
| 1 | Sliding T-handle | 5438 3/8" TH |
| 1 | Universal joint | 5838 3/8" U |
| 3 | Spark plug sockets | 5038 3/8" SP 16 - 18 - 21 mm |

# POLAR
## SOCKETS AND ACCESSORIES

## 5090 HLM **3/8" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-3832**

- Socket wrench set in metal box with 17 6-point sockets from 6 to 24 mm and 10 long 6-point sockets from 6 to 19 mm and accessories.
- Supplied with a reversible 60-teeth ratchet.
- 32 tools.

3/8"

370 MM × 55 MM × 150 MM

3,6 KG

5704196 028811

4

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |
| 10 | Long 6-point sockets | 5038 3/8" L 6 - 7 - 8 - 10 - 11 - 13 - 16 - 17 - 18 - 19 mm |
| 2 | Extensions | 5238 3/8" EX 75 - 150 mm |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 1 | Sliding T-handle | 5938 3/8" FH 250 mm |
| 1 | Universal joint | 5838 3/8" U |

## 5090 HB **3/8" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-3847**

- Socket wrench set in metal box with 17 6-point sockets from 6 to 24 mm and 7 NTX Torx® sockets from 6 to 16 mm, bits and accessories.
- Supplied with a reversible 60-teeth ratchet.
- 47 tools.

3/8"

370 MM | 55 MM | 150 MM

3,4 KG

5704196 028828

4

*CONTENT:*

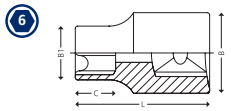
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5038 3/8" 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |
| 7 | Sockets, Torx® screws | 5038 3/8" NTX E6 - E7 - E8 - E10 - E12 - E14 - E16 |
| 2 | Extensions | 5238 3/8" EX 75 - 150 mm |
| 1 | Ratchet, 60 teeth | 5338 3/8" E |
| 1 | Sliding T-handle | 5938 3/8" FH 250 mm |
| 1 | Universal joint | 5838 3/8" U |
| 8 | Bits, hex head screws | 4516 5/16" 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 |
| 9 | Bits, Torx® screws | 4516 5/16" TX T10 - T15 - T20 - T25 - T30 - T40 - T45 - T50 - T55 |
| 1 | Screwdriver bit socket, 5/16" bits | 4738 5/16" |

# POLAR
## SOCKETS AND ACCESSORIES

1/2" SOCKETS AND ACCESSORIES

## 5012 **1/2" 6-POINT METRIC SOCKETS**

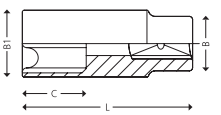
ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5012-0008 | 002200 | 8 | 21,8 | 13,2 | 12 | 38 | 47 | 10 | 610241 |
| 5012-0009 | 002217 | 9 | 21,8 | 13,9 | 12 | 38 | 47 | 10 | 610242 |
| 5012-0010 | 002224 | 10 | 21,8 | 15,0 | 12 | 38 | 49 | 10 | 610243 |
| 5012-0011 | 002231 | 11 | 21,8 | 16,3 | 12 | 38 | 50 | 10 | 610244 |
| 5012-0012 | 002248 | 12 | 21,8 | 17,6 | 12 | 38 | 50 | 10 | 610245 |
| 5012-0013 | 002255 | 13 | 21,8 | 18,8 | 12 | 38 | 51 | 10 | 610246 |
| 5012-0014 | 002262 | 14 | 21,8 | 20,4 | 12 | 38 | 53 | 10 | 610247 |
| 5012-0015 | 002279 | 15 | 20,7 | 21,6 | 12 | 38 | 54 | 10 | 610248 |
| 5012-0016 | 002286 | 16 | 21,5 | 22,9 | 12 | 38 | 61 | 10 | 610249 |
| 5012-0017 | 002293 | 17 | 22,0 | 24,0 | 12 | 38 | 68 | 10 | 610250 |
| 5012-0018 | 002309 | 18 | 23,0 | 25,4 | 12 | 38 | 85 | 10 | 610251 |
| 5012-0019 | 002316 | 19 | 23,0 | 26,0 | 14 | 38 | 73 | 10 | 610252 |
| 5012-0020 | 002323 | 20 | 24,0 | 27,9 | 14 | 38 | 86 | 10 | 610253 |
| 5012-0021 | 002330 | 21 | 25,0 | 28,0 | 14 | 38 | 82 | 10 | 610254 |
| 5012-0022 | 002347 | 22 | 26,0 | 30,0 | 14 | 40 | 106 | 10 | 610255 |
| 5012-0023 | 002354 | 23 | 27,0 | 31,6 | 14 | 40 | 125 | 10 | 610256 |
| 5012-0024 | 002361 | 24 | 28,0 | 32,0 | 16 | 42 | 121 | 10 | 610257 |
| 5012-0025 | 002378 | 25 | 30,0 | 34,0 | 16 | 42 | 150 | 10 | |
| 5012-0026 | 002385 | 26 | 30,0 | 35,4 | 16 | 42 | 170 | 10 | 610258 |
| 5012-0027 | 002392 | 27 | 30,0 | 36,0 | 18 | 43 | 168 | 10 | 610259 |
| 5012-0028 | 002408 | 28 | 32,0 | 37,9 | 18 | 43 | 193 | 10 | 610260 |
| 5012-0029 | 002415 | 29 | 32,0 | 38,0 | 20 | 43 | 205 | 10 | 610261 |
| 5012-0030 | 002422 | 30 | 34,0 | 40,0 | 22 | 46 | 225 | 10 | 610262 |
| 5012-0032 | 002439 | 32 | 36,0 | 42,0 | 22 | 46 | 255 | 10 | 610263 |
| 5012-0034 | 041346 | 34 | 37,0 | 43,9 | 22 | 46 | 255 | 10 | |
| 5012-0036 | 041353 | 36 | 37,8 | 47,9 | 22 | 46 | 274 | 10 | |

## 5012 L **1/2" 6-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5012-4010 | 002835 | 10 | 22,0 | 15,0 | 12 | 77 | 96 | 10 | 610376 |
| 5012-4011 | 002842 | 11 | 22,0 | 16,3 | 12 | 77 | 101 | 10 | 610377 |
| 5012-4012 | 002859 | 12 | 22,0 | 17,6 | 12 | 77 | 107 | 10 | 610378 |
| 5012-4013 | 002866 | 13 | 22,0 | 18,8 | 12 | 77 | 109 | 10 | 610379 |
| 5012-4014 | 002873 | 14 | 22,0 | 20,4 | 15 | 77 | 112 | 10 | 610380 |
| 5012-4015 | 002880 | 15 | 20,7 | 21,6 | 15 | 77 | 109 | 10 | |
| 5012-4016 | 002897 | 16 | 21,5 | 22,9 | 15 | 77 | 112 | 10 | |
| 5012-4017 | 002903 | 17 | 22,0 | 24,0 | 15 | 77 | 133 | 10 | 610381 |
| 5012-4018 | 002910 | 18 | 23,0 | 25,4 | 18 | 77 | 179 | 10 | |
| 5012-4019 | 002927 | 19 | 23,0 | 26,0 | 18 | 77 | 157 | 10 | 610382 |
| 5012-4020 | 002934 | 20 | 24,0 | 27,9 | 18 | 77 | 210 | 10 | |
| 5012-4021 | 002941 | 21 | 25,0 | 28,0 | 18 | 77 | 222 | 10 | 610383 |
| 5012-4022 | 002958 | 22 | 26,0 | 30,0 | 21 | 77 | 227 | 10 | 610384 |
| 5012-4024 | 002965 | 24 | 28,0 | 32,0 | 24 | 77 | 255 | 10 | 610386 |
| 5012-4025 | 041391 | 25 | 30,0 | 34,0 | 24 | 77 | 315 | 10 | |
| 5012-4026 | 041407 | 26 | 30,0 | 35,4 | 24 | 77 | 310 | 10 | |
| 5012-4027 | 041414 | 27 | 30,0 | 36,0 | 27 | 77 | 352 | 10 | |
| 5012-4028 | 041421 | 28 | 32,0 | 37,9 | 27 | 77 | 351 | 10 | |
| 5012-4029 | 041438 | 29 | 32,0 | 38,0 | 27 | 77 | 331 | 10 | |
| 5012-4030 | 041445 | 30 | 34,0 | 40,0 | 30 | 77 | 373 | 10 | |
| 5012-4031 | 041452 | 31 | 36,0 | 41,0 | 32 | 77 | 390 | 10 | |
| 5012-4032 | 041469 | 32 | 36,0 | 42,0 | 33 | 77 | 420 | 10 | |

## 5012 **1/2" SOCKET SET**

- Supplied with 300 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9012**

5704196 047973

704 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point sockets | 5012 1/2" 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5012 L **1/2" SOCKET SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9010**

5704196 047997

1136 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5012 **1/2" SOCKET SET**

- Supplied with 350 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9013**

5704196 047980

898 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

## 5012 L **1/2" SOCKET SET**

- Supplied with 350 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9113**

5704196 048000

1700 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

## 5192 L **1/2" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 5192-1210**

- Set in metal box with long 6-point sockets from 10 to 19 mm.
- 10 tools.

1/2"

250 MM × 50 MM × 150 MM

2 KG

5704196 029030

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5192 L **1/2" LONG METRIC SOCKET WRENCH SET**

**ITEM NO. 5192-1212**

- Set in metal box with long 6-point sockets from 10 to 24 mm.
- 12 tools.

1/2"

250 MM × 50 MM × 150 MM

2 KG

5704196 029047

10

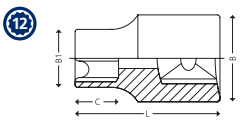
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | Long 6-point sockets | 5012 1/2" L 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

# POLAR
## SOCKETS AND ACCESSORIES

## 5012 B **1/2" 12-POINT METRIC SOCKETS**

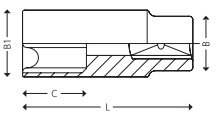
ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5012-2008 | 043258 | 8 | 21,8 | 13,9 | 12 | 38 | 47 | 10 | |
| 5012-2009 | 041360 | 9 | 21,8 | 13,2 | 12 | 38 | 47 | 10 | |
| 5012-2010 | 002613 | 10 | 21,8 | 15,0 | 12 | 38 | 49 | 10 | 610268 |
| 5012-2011 | 002620 | 11 | 21,8 | 16,3 | 12 | 38 | 50 | 10 | 610269 |
| 5012-2012 | 002637 | 12 | 21,8 | 17,6 | 12 | 38 | 50 | 10 | 610270 |
| 5012-2013 | 002644 | 13 | 21,8 | 18,8 | 12 | 38 | 51 | 10 | 610271 |
| 5012-2014 | 002651 | 14 | 21,8 | 20,4 | 12 | 38 | 53 | 10 | 610272 |
| 5012-2015 | 002668 | 15 | 20,7 | 21,6 | 12 | 38 | 54 | 10 | 610274 |
| 5012-2016 | 002675 | 16 | 21,5 | 22,9 | 12 | 38 | 61 | 10 | 610275 |
| 5012-2017 | 002682 | 17 | 22,0 | 24,0 | 12 | 38 | 68 | 10 | 610276 |
| 5012-2018 | 002699 | 18 | 23,0 | 25,4 | 12 | 38 | 85 | 10 | 610278 |
| 5012-2019 | 002705 | 19 | 23,0 | 26,0 | 14 | 38 | 73 | 10 | 610279 |
| 5012-2020 | 002712 | 20 | 24,0 | 27,9 | 14 | 38 | 86 | 10 | 610280 |
| 5012-2021 | 002729 | 21 | 25,0 | 28,0 | 14 | 38 | 82 | 10 | 610281 |
| 5012-2022 | 002736 | 22 | 26,0 | 30,0 | 14 | 40 | 106 | 10 | 610282 |
| 5012-2023 | 002743 | 23 | 27,0 | 31,6 | 14 | 40 | 125 | 10 | 610283 |
| 5012-2024 | 002750 | 24 | 28,0 | 32,0 | 16 | 42 | 121 | 10 | 610284 |
| 5012-2025 | 002767 | 25 | 30,0 | 34,0 | 16 | 42 | 150 | 10 | |
| 5012-2026 | 002774 | 26 | 30,0 | 35,4 | 16 | 42 | 170 | 10 | 610285 |
| 5012-2027 | 002781 | 27 | 30,0 | 36,0 | 18 | 43 | 168 | 10 | 610286 |
| 5012-2028 | 002798 | 28 | 32,0 | 37,9 | 18 | 43 | 193 | 10 | 610287 |
| 5012-2029 | 002804 | 29 | 32,0 | 38,0 | 20 | 43 | 205 | 10 | 610288 |
| 5012-2030 | 002811 | 30 | 34,0 | 40,0 | 22 | 46 | 225 | 10 | 610289 |
| 5012-2032 | 002828 | 32 | 36,0 | 42,0 | 22 | 46 | 255 | 10 | 610290 |
| 5012-2034 | 041377 | 34 | 37,0 | 43,9 | 22 | 46 | 255 | 10 | |
| 5012-2036 | 041384 | 36 | 37,8 | 47,9 | 22 | 46 | 274 | 10 | |

## 5012 BL **1/2" 12-POINT LONG METRIC SOCKETS**

ISO 2725-1, DIN 3124.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5012-5010 | 041872 | 10 | 22,0 | 15,0 | 12 | 77 | 96 | 10 |
| 5012-5011 | 041889 | 11 | 22,0 | 16,3 | 12 | 77 | 101 | 10 |
| 5012-5012 | 041896 | 12 | 22,0 | 17,6 | 12 | 77 | 107 | 10 |
| 5012-5013 | 041902 | 13 | 22,0 | 18,8 | 12 | 77 | 109 | 10 |
| 5012-5014 | 041919 | 14 | 22,0 | 20,4 | 15 | 77 | 112 | 10 |
| 5012-5015 | 041926 | 15 | 20,7 | 21,6 | 15 | 77 | 109 | 10 |
| 5012-5016 | 041933 | 16 | 21,5 | 22,9 | 15 | 77 | 112 | 10 |
| 5012-5017 | 041940 | 17 | 22,0 | 24,0 | 15 | 77 | 133 | 10 |
| 5012-5018 | 041957 | 18 | 23,0 | 25,4 | 18 | 77 | 179 | 10 |
| 5012-5019 | 041964 | 19 | 23,0 | 26,0 | 18 | 77 | 157 | 10 |
| 5012-5020 | 041971 | 20 | 24,0 | 27,9 | 18 | 77 | 210 | 10 |
| 5012-5021 | 041988 | 21 | 25,0 | 28,0 | 18 | 77 | 222 | 10 |
| 5012-5022 | 041995 | 22 | 26,0 | 30,0 | 21 | 77 | 227 | 10 |
| 5012-5023 | 042008 | 23 | 27,0 | 31,6 | 21 | 77 | 273 | 10 |
| 5012-5024 | 042015 | 24 | 28,0 | 32,0 | 24 | 77 | 255 | 10 |
| 5012-5025 | 042022 | 25 | 30,0 | 34,0 | 24 | 77 | 315 | 10 |
| 5012-5026 | 042039 | 26 | 30,0 | 35,4 | 24 | 77 | 310 | 10 |
| 5012-5027 | 042046 | 27 | 30,0 | 36,0 | 27 | 77 | 352 | 10 |
| 5012-5028 | 042053 | 28 | 32,0 | 37,9 | 27 | 77 | 351 | 10 |
| 5012-5029 | 042060 | 29 | 32,0 | 38,0 | 27 | 77 | 331 | 10 |
| 5012-5030 | 042077 | 30 | 34,0 | 40,0 | 30 | 77 | 373 | 10 |
| 5012-5031 | 042084 | 31 | 36,0 | 41,0 | 32 | 77 | 390 | 10 |
| 5012-5032 | 042091 | 32 | 36,0 | 42,0 | 33 | 77 | 420 | 10 |

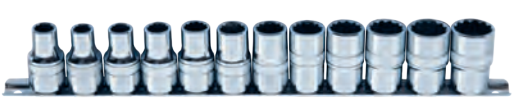
## 5012 B **1/2" SOCKET SET**

- Supplied with 300 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9112**

5704196 048017

679 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 12-point sockets | 5012 1/2" B 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5012 BL **1/2" SOCKET SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9110**

5704196 048031

1104 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long 12-point sockets | 5012 1/2" BL 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

## 5012 B **1/2" SOCKET SET**

- Supplied with 350 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9213**

5704196 048024

856 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 12-point sockets | 5012 1/2" B 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

## 5012 BL **1/2" SOCKET SET**

- Supplied with 350 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9313**

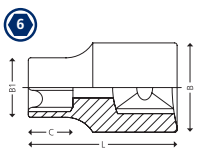
5704196 048048

1640 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | Long 12-point sockets | 5012 1/2" BL 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

## 5012 I **1/2" 6-POINT INCH SOCKETS**

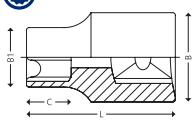
ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5012-1012 | 002446 | 3/8" | 21,8 | 15,0 | 12 | 38 | 49 | 10 |
| 5012-1013 | 043272 | 13/32" | 21,8 | 15,7 | 12 | 38 | 50 | 10 |
| 5012-1014 | 002453 | 7/16" | 21,8 | 16,3 | 12 | 38 | 50 | 10 |
| 5012-1015 | 043265 | 15/32" | 21,8 | 17,6 | 12 | 38 | 50 | 10 |
| 5012-1016 | 002460 | 1/2" | 21,8 | 18,8 | 12 | 38 | 51 | 10 |
| 5012-1018 | 002477 | 9/16" | 21,8 | 20,4 | 12 | 38 | 53 | 10 |
| 5012-1019 | 002484 | 19/32" | 20,7 | 21,6 | 12 | 38 | 54 | 10 |
| 5012-1020 | 002491 | 5/8" | 21,5 | 22,9 | 12 | 38 | 61 | 10 |
| 5012-1021 | 043289 | 21/32" | 22,0 | 24,0 | 12 | 38 | 64 | 10 |
| 5012-1022 | 002507 | 11/16" | 22,0 | 24,0 | 12 | 38 | 68 | 10 |
| 5012-1024 | 002514 | 3/4" | 23,0 | 26,0 | 14 | 38 | 73 | 10 |
| 5012-1025 | 002521 | 25/32" | 24,0 | 27,9 | 14 | 38 | 86 | 10 |
| 5012-1026 | 002538 | 13/16" | 25,0 | 28,0 | 14 | 38 | 82 | 10 |
| 5012-1028 | 002545 | 7/8" | 26,0 | 30,0 | 14 | 40 | 106 | 10 |
| 5012-1030 | 002552 | 15/16" | 28,0 | 32,0 | 16 | 42 | 121 | 10 |
| 5012-1032 | 002569 | 1" | 30,0 | 34,0 | 16 | 42 | 150 | 10 |
| 5012-1034 | 002576 | 1 1/16" | 30,0 | 36,0 | 18 | 43 | 168 | 10 |
| 5012-1036 | 002583 | 1 1/8" | 32,0 | 38,0 | 20 | 43 | 205 | 10 |
| 5012-1038 | 002590 | 1 3/16" | 34,0 | 40,0 | 22 | 46 | 225 | 10 |
| 5012-1040 | 002606 | 1 1/4" | 36,0 | 42,0 | 22 | 46 | 225 | 10 |

## 5012 IB **1/2" 12-POINT INCH SOCKETS**

ANSI B107.1
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5012-2112 | 041674 | 3/8" | 21,8 | 15,0 | 12 | 38 | 49 | 10 |
| 5012-2113 | 041681 | 13/32" | 21,8 | 15,7 | 12 | 38 | 50 | 10 |
| 5012-2114 | 041698 | 7/16" | 21,8 | 16,3 | 12 | 38 | 50 | 10 |
| 5012-2115 | 041704 | 15/32" | 21,8 | 17,6 | 12 | 38 | 50 | 10 |
| 5012-2116 | 041711 | 1/2" | 21,8 | 18,8 | 12 | 38 | 51 | 10 |
| 5012-2118 | 041728 | 9/16" | 21,8 | 20,4 | 12 | 38 | 53 | 10 |
| 5012-2119 | 041735 | 19/32" | 20,7 | 21,6 | 12 | 38 | 54 | 10 |
| 5012-2120 | 041742 | 5/8" | 21,5 | 22,9 | 12 | 38 | 61 | 10 |
| 5012-2121 | 041759 | 21/32" | 22,0 | 24,0 | 12 | 38 | 64 | 10 |
| 5012-2122 | 041766 | 11/16" | 22,0 | 24,0 | 12 | 38 | 68 | 10 |
| 5012-2124 | 041773 | 3/4" | 23,0 | 26,0 | 14 | 38 | 73 | 10 |
| 5012-2125 | 041780 | 25/32" | 24,0 | 27,9 | 14 | 38 | 86 | 10 |
| 5012-2126 | 041797 | 13/16" | 25,0 | 28,0 | 14 | 38 | 82 | 10 |
| 5012-2128 | 041803 | 7/8" | 26,0 | 30,0 | 14 | 38 | 106 | 10 |
| 5012-2130 | 041810 | 15/16" | 28,0 | 32,0 | 16 | 38 | 121 | 10 |
| 5012-2132 | 041827 | 1" | 30,0 | 34,0 | 16 | 38 | 150 | 10 |
| 5012-2134 | 041834 | 1 1/16" | 30,0 | 36,0 | 18 | 38 | 168 | 10 |
| 5012-2136 | 041841 | 1 1/8" | 32,0 | 38,0 | 20 | 38 | 205 | 10 |
| 5012-2138 | 041858 | 1 3/16" | 34,0 | 40,0 | 22 | 38 | 225 | 10 |
| 5012-2140 | 041865 | 1 1/4" | 36,0 | 42,0 | 22 | 38 | 225 | 10 |

## 5012 I **1/2" SOCKET SET - INCH**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9015**

5704196 048055

1694 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 15 | 6-point inch sockets | 5012 1/2" I 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1" - 1 1/16" - 1 1/8" - 1 3/16" - 1 1/4" |

## 5012 IB **1/2" SOCKET SET - INCH**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9215**

5704196 048079

1544 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 15 | 12-point inch sockets | 5012 1/2" IB 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1" - 1 1/16" - 1 1/8" - 1 3/16" - 1 1/4" |

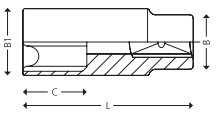
# POLAR
## SOCKETS AND ACCESSORIES

## 5012 IL **1/2" 6-POINT LONG INCH SOCKETS**

ANSI B107.1

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

6



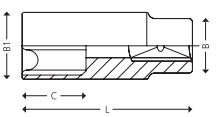
| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5012-4112 | 041476 | 3/8" | 22,0 | 15,0 | 12 | 77 | 96 | 10 |
| 5012-4114 | 041490 | 7/16" | 22,0 | 16,3 | 12 | 77 | 101 | 10 |
| 5012-4115 | 041506 | 15/32" | 22,0 | 17,6 | 12 | 77 | 105 | 10 |
| 5012-4116 | 041513 | 1/2" | 22,0 | 18,8 | 12 | 77 | 109 | 10 |
| 5012-4118 | 041520 | 9/16" | 22,0 | 20,4 | 15 | 77 | 112 | 10 |
| 5012-4120 | 041544 | 5/8" | 21,5 | 22,9 | 15 | 77 | 112 | 10 |
| 5012-4121 | 041551 | 21/32" | 22,0 | 24,0 | 15 | 77 | 123 | 10 |
| 5012-4122 | 041568 | 11/16" | 22,0 | 24,0 | 15 | 77 | 133 | 10 |
| 5012-4124 | 041575 | 3/4" | 23,0 | 26,0 | 15 | 77 | 157 | 10 |
| 5012-4125 | 041582 | 25/32" | 24,0 | 27,9 | 18 | 77 | 210 | 10 |
| 5012-4126 | 041599 | 13/16" | 25,0 | 28,0 | 18 | 77 | 222 | 10 |
| 5012-4128 | 041605 | 7/8" | 26,0 | 30,0 | 18 | 77 | 227 | 10 |
| 5012-4130 | 041612 | 15/16" | 28,0 | 32,0 | 21 | 77 | 255 | 10 |
| 5012-4132 | 041629 | 1" | 30,0 | 34,0 | 24 | 77 | 315 | 10 |
| 5012-4134 | 041636 | 1 1/6" | 30,0 | 36,0 | 24 | 77 | 352 | 10 |
| 5012-4136 | 041643 | 1 1/8" | 32,0 | 38,0 | 27 | 77 | 331 | 10 |
| 5012-4138 | 041650 | 1 3/16" | 34,0 | 40,0 | 30 | 77 | 383 | 10 |
| 5012-4140 | 041667 | 1 1/4" | 36,0 | 42,0 | 33 | 77 | 420 | 10 |

## 5012 IBL **1/2" 12-POINT LONG INCH SOCKETS**

ANSI B107.1

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

12



| ITEM NO. | 5704196+ | SIZE INCH | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5012-5112 | 042107 | 3/8" | 22,0 | 15,0 | 12 | 77 | 96 | 10 |
| 5012-5113 | 042114 | 13/32" | 22,0 | 15,7 | 12 | 77 | 98 | 10 |
| 5012-5114 | 042121 | 7/16" | 22,0 | 16,3 | 12 | 77 | 101 | 10 |
| 5012-5115 | 042138 | 15/32" | 22,0 | 17,6 | 12 | 77 | 105 | 10 |
| 5012-5116 | 042145 | 1/2" | 22,0 | 18,8 | 12 | 77 | 109 | 10 |
| 5012-5118 | 042152 | 9/16" | 22,0 | 20,4 | 15 | 77 | 112 | 10 |
| 5012-5119 | 042169 | 19/32" | 20,7 | 21,6 | 15 | 77 | 128 | 10 |
| 5012-5120 | 042176 | 5/8" | 21,5 | 22,9 | 15 | 77 | 112 | 10 |
| 5012-5121 | 042183 | 21/32" | 22,0 | 24,0 | 15 | 77 | 123 | 10 |
| 5012-5122 | 042190 | 11/16" | 22,0 | 24,0 | 15 | 77 | 133 | 10 |
| 5012-5124 | 042206 | 3/4" | 23,0 | 26,0 | 15 | 77 | 157 | 10 |
| 5012-5125 | 042213 | 25/35" | 24,0 | 27,9 | 18 | 77 | 210 | 10 |
| 5012-5126 | 042220 | 13/16" | 25,0 | 28,0 | 18 | 77 | 222 | 10 |
| 5012-5128 | 042237 | 7/8" | 26,0 | 30,0 | 18 | 77 | 227 | 10 |
| 5012-5130 | 042244 | 15/16" | 28,0 | 32,0 | 21 | 77 | 255 | 10 |
| 5012-5132 | 042251 | 1" | 30,0 | 34,0 | 24 | 77 | 315 | 10 |
| 5012-5134 | 042268 | 1 1/16" | 30,0 | 36,0 | 24 | 77 | 352 | 10 |
| 5012-5136 | 042275 | 1 1/8" | 32,0 | 38,0 | 27 | 77 | 331 | 10 |
| 5012-5138 | 042282 | 1 3/16" | 34,0 | 40,0 | 30 | 77 | 373 | 10 |
| 5012-5140 | 042299 | 1 1/4" | 36,0 | 42,0 | 33 | 77 | 420 | 10 |

## 5012 IL **1/2" SOCKET SET - INCH**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9115**

5704196 048062

2934 G

6

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 15 | Long 6-point inch sockets | 5012 1/2" IL 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1" - 1 1/16" - 1 1/8" - 1 3/16" - 1 1/4" |

## 5012 IBL **1/2" SOCKET SET - INCH**

- Supplied with 250 mm metal rail and 1/2" clips.

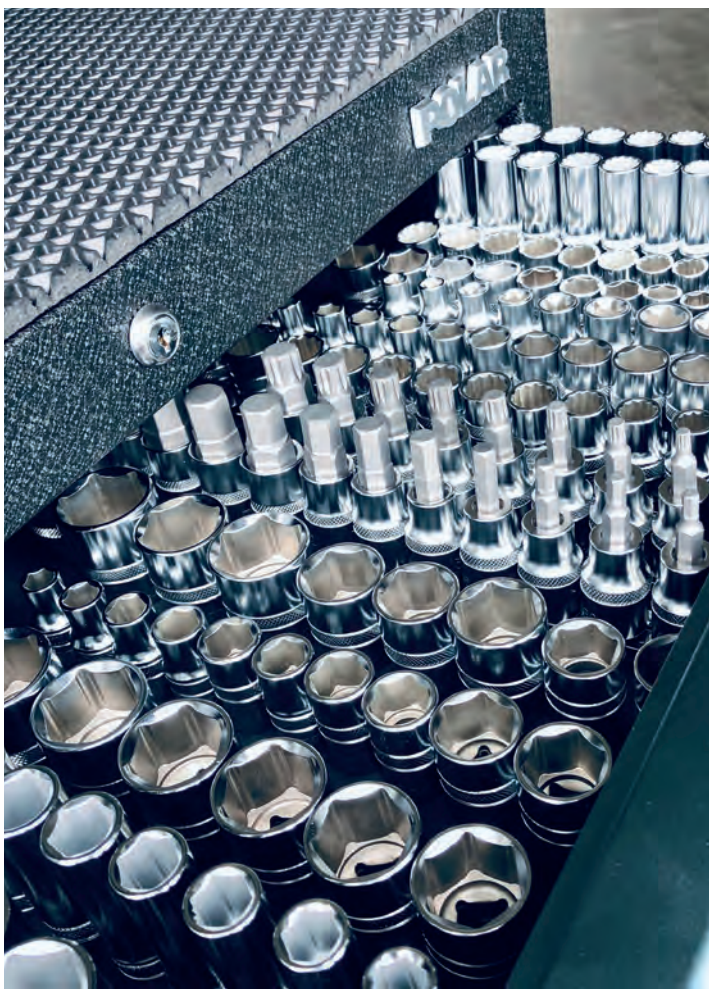
**ITEM NO. 5012-9315**

5704196 048086

2772 G

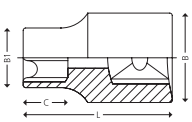
12

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 15 | Long 12-point inch sockets | 5012 1/2" IBL 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1" - 1 1/16" - 1 1/8" - 1 3/16" - 1 1/4" |



## 5012 NTX **1/2" SOCKETS FOR TORX® SCREWS**

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



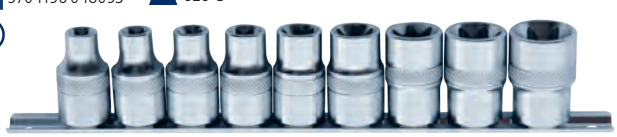
| ITEM NO. | 5704196+ | TORX® NO. | MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 5012-6010 | 002972 | E10 | 9,3 | 22,0 | 13,5 | 7 | 38 | 52 | 10 |
| 5012-6011 | 010793 | E11 | 9,8 | 22,0 | 14,0 | 8 | 38 | 53 | 10 |
| 5012-6012 | 002989 | E12 | 11,1 | 22,0 | 15,0 | 8 | 38 | 57 | 10 |
| 5012-6014 | 002996 | E14 | 12,8 | 22,0 | 17,0 | 9 | 38 | 63 | 10 |
| 5012-6016 | 003009 | E16 | 14,7 | 22,0 | 19,0 | 10 | 38 | 57 | 10 |
| 5012-6018 | 003016 | E18 | 16,6 | 24,0 | 21,0 | 12 | 38 | 72 | 10 |
| 5012-6020 | 003023 | E20 | 18,4 | 22,0 | 24,0 | 13 | 38 | 80 | 10 |
| 5012-6022 | 010809 | E22 | 20,0 | 23,0 | 26,0 | 14 | 38 | 95 | 10 |
| 5012-6024 | 003030 | E24 | 22,1 | 24,0 | 28,0 | 16 | 38 | 114 | 10 |

## 5012 NTX **1/2" SOCKET SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5012-9009**

5704196 048093 626 G

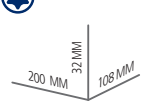


| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Sockets for Torx® screws | 5012 1/2" NTX E10 - E11 - E12 - E14 - E16 - E18 - E20 - E22 - E24 |

## 5090 NTX **1/2" SOCKET SET FOR TORX® SCREWS**

**ITEM NO. 5090-1207**

- Set in metal box with Torx® sockets from E10 to E24.
- 7 tools.




0,9 KG

5704196 000701

4

*CONTENT:*

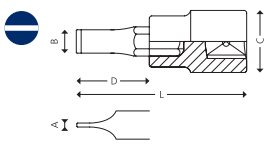
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Sockets for Torx® screws | 5012 1/2" NTX E10 - E12 - E14 - E16 - E18 - E20 - E24 |

# POLAR
## SOCKETS AND ACCESSORIES

## 5112 **1/2" SOCKET DRIVERS FOR SLOTTED HEAD SCREWS**

ISO 2380, DIN 5264.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

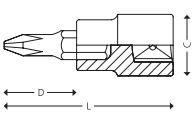


| ITEM NO. | 5704196+ | A X B MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-3012 | 003306 | 1,2 x 8 | 23,9 | 24 | 62 | 53 | 10 |
| 5112-3016 | 003313 | 1,6 x 10 | 23,9 | 24 | 62 | 87 | 10 |
| 5112-3020 | 003320 | 2 x 12 | 23,9 | 24 | 62 | 98 | 10 |

## 5112 PH **1/2" SOCKET DRIVERS FOR PHILLIPS® HEAD SCREWS**

ISO 8764.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.

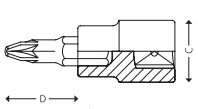


| ITEM NO. | 5704196+ | PH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-3103 | 003351 | 3 | 23,9 | 24 | 62 | 89 | 10 |
| 5112-3104 | 010847 | 4 | 23,9 | 24 | 62 | 89 | 10 |

## 5112 PZ **1/2" SOCKET DRIVERS FOR POZIDRIV® HEAD SCREWS**

ISO 8764.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | PZ | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-3203 | 003382 | 3 | 23,9 | 24 | 62 | 89 | 10 |
| 5112-3204 | 010854 | 4 | 23,9 | 24 | 62 | 89 | 10 |

## 5112 A **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9007**

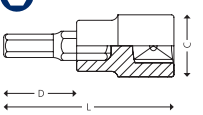
5704196 048109 662 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Socket drivers for slotted screws | 5112 1/2" 1,2 - 1,6 - 2,0 mm |
| 2 | Socket drivers for Phillips® screws | 5112 1/2" PH3 - PH4 |
| 2 | Socket drivers for Pozidriv® screws | 5112 1/2" PZ3 - PZ4 |

## 5112 H **1/2" SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-2004 | 037165 | 4 | 23,9 | 24 | 62 | 88 | 10 |
| 5112-2005 | 003139 | 5 | 23,9 | 24 | 62 | 89 | 10 |
| 5112-2006 | 003146 | 6 | 23,9 | 24 | 62 | 89 | 10 |
| 5112-2007 | 003153 | 7 | 23,9 | 24 | 62 | 90 | 10 |
| 5112-2008 | 003160 | 8 | 23,9 | 24 | 62 | 91 | 10 |
| 5112-2009 | 019000 | 9 | 23,9 | 24 | 62 | 93 | 10 |
| 5112-2010 | 003184 | 10 | 23,9 | 24 | 62 | 95 | 10 |
| 5112-2012 | 003191 | 12 | 23,9 | 24 | 62 | 107 | 10 |
| 5112-2014 | 003207 | 14 | 23,9 | 24 | 62 | 121 | 10 |
| 5112-2017 | 003214 | 17 | 25,9 | 24 | 62 | 162 | 10 |
| 5112-2019 | 003221 | 19 | 25,9 | 24 | 62 | 170 | 10 |

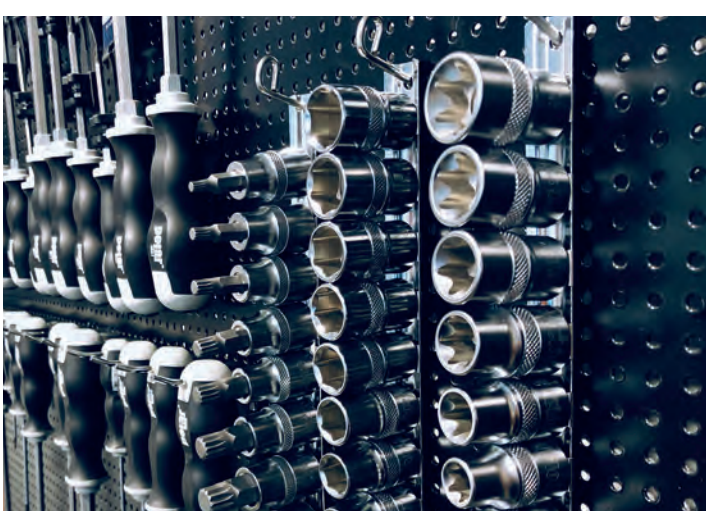
## 5112 H **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9010**

5704196 048116 1137 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Socket drivers for hex head screws | 5112 1/2" H 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm |



## 5190 H **1/2"SOCKET DRIVER SET FOR HEX HEAD SCREWS**

**ITEM NO. 5190-1210**

- Set in metal box with socket drivers for hex head screws from 5 to 19 mm.
- 10 tools.

282 MM × 36 MM × 131 MM

3,1 KG

5704196 000688

10

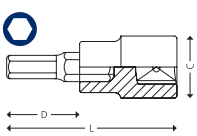
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Socket drivers for hex head screws | 5112 1/2" H 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm |

## 5112 HI **1/2" INCH SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE INCH | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-2206 | 029061 | 3/16" | 23,9 | 24 | 62 | 85 | 10 |
| 5112-2207 | 029078 | 7/32" | 23,9 | 24 | 62 | 86 | 10 |
| 5112-2208 | 029085 | 1/4" | 23,9 | 24 | 62 | 86 | 10 |
| 5112-2210 | 029092 | 5/16" | 23,9 | 24 | 62 | 88 | 10 |
| 5112-2212 | 029108 | 3/8" | 23,9 | 24 | 62 | 92 | 10 |
| 5112-2214 | 029115 | 7/16" | 23,9 | 24 | 62 | 102 | 10 |
| 5112-2216 | 029122 | 1/2" | 23,9 | 24 | 62 | 115 | 10 |
| 5112-2218 | 029139 | 9/16" | 25,9 | 24 | 62 | 151 | 10 |
| 5112-2220 | 029146 | 5/8" | 25,9 | 24 | 62 | 156 | 10 |
| 5112-2222 | 029153 | 11/16" | 25,9 | 24 | 62 | 161 | 10 |
| 5112-2224 | 029160 | 3/4" | 25,9 | 24 | 62 | 168 | 10 |

## 5112 HI **1/2" SOCKET DRIVER SET - INCH**

- Supplied with 300 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9011**

5704196 048130 1348 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | Socket drivers for hex head screws | 5112 1/2" HI 3/16" - 7/32" - 1/4" - 5/16" - 3/8" - 7/16" - 1/2"- 9/16" - 5/8" - 11/16" - 3/4" |

## 5190 HI **1/2" INCH SOCKET DRIVER SET FOR HEX HEAD SCREWS**

**ITEM NO. 5190-1211**

- Set in metal box with socket drivers for hex head screws from 3/6" to 3/4".
- 11 tools.

1/2"

250 MM × 50 MM × 150 MM

2,2 KG

5704196 029177

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*CONTENT:*

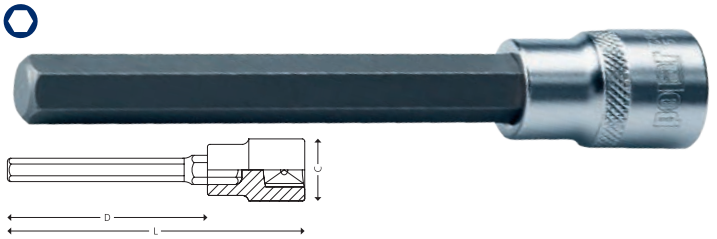
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 11 | 6-point socket drivers | 5112 HI 1/2" 3/16 - 7/32 - 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4" |

# POLAR
## SOCKETS AND ACCESSORIES

## 5112HL **1/2" LONG SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422.

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | SIZE MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-2105 | 010816 | 5 | 23,9 | 100 | 138 | 111 | 10 |
| 5112-2106 | 010823 | 6 | 23,9 | 100 | 138 | 113 | 10 |
| 5112-2107 | 010830 | 7 | 23,9 | 100 | 138 | 114 | 10 |
| 5112-2108 | 003238 | 8 | 23,9 | 100 | 138 | 114 | 10 |
| 5112-2109 | 019017 | 9 | 23,9 | 100 | 138 | 115 | 10 |
| 5112-2110 | 003252 | 10 | 23,9 | 100 | 138 | 143 | 10 |
| 5112-2112 | 003269 | 12 | 23,9 | 100 | 138 | 130 | 10 |
| 5112-2114 | 003276 | 14 | 23,9 | 100 | 138 | 224 | 10 |
| 5112-2117 | 003283 | 17 | 25,9 | 100 | 138 | 306 | 10 |
| 5112-2119 | 003290 | 19 | 25,9 | 100 | 138 | 320 | 10 |

## 5112 HL **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9110**

5704196 048123

1848 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long socket drivers for hex head screws | 5112 1/2" HL 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm |

## 5191 HL **1/2" LONG SOCKET DRIVER SET FOR HEX HEAD SCREWS**

**ITEM NO. 5191-1210**

- Set in metal box with long socket drivers for hex head screws from 5 to 19 mm.
- 10 tools.

370 MM × 55 MM × 140 MM

3,25 KG

5704196 000695

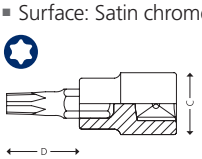
4

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | Long socket drivers for hex head screws | 5112 1/2" HL 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 - 19 mm |

## 5112 TX **1/2" SOCKET DRIVERS FOR TORX® SCREWS**

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



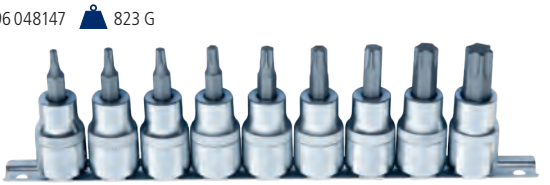
| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5112-1020 | 003047 | T20 | 3,86 | 23,9 | 24 | 62 | 59 | 10 |
| 5112-1025 | 003054 | T25 | 4,43 | 23,9 | 24 | 62 | 84 | 10 |
| 5112-1027 | 003061 | T27 | 4,99 | 23,9 | 24 | 62 | 90 | 10 |
| 5112-1030 | 003078 | T30 | 5,52 | 23,9 | 24 | 62 | 88 | 10 |
| 5112-1040 | 003085 | T40 | 6,65 | 23,9 | 24 | 62 | 89 | 10 |
| 5112-1045 | 003092 | T45 | 7,82 | 23,9 | 24 | 62 | 90 | 10 |
| 5112-1050 | 003108 | T50 | 8,83 | 23,9 | 24 | 62 | 91 | 10 |
| 5112-1055 | 003115 | T55 | 11,22 | 23,9 | 24 | 62 | 94 | 10 |
| 5112-1060 | 003122 | T60 | 13,25 | 23,9 | 24 | 62 | 104 | 10 |

## 5112 TX **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9009**

5704196 048147 823 G



| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers for Torx® screws | 5112 1/2" TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |

## 5190 TX **1/2" SOCKET DRIVER SET FOR TORX® SCREWS**

**ITEM NO. 5190-1209**

- Set in metal box with Torx® socket drivers from TX20 to TX60.
- 9 tools.

282 MM × 36 MM × 131 MM

1,5 KG

5704196 000671

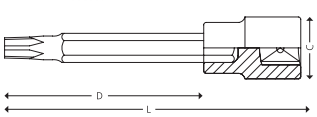
10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Socket drivers for Torx® screws | 5112 1/2" TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |

## 5112 TXL **1/2" LONG SOCKET DRIVERS FOR TORX® SCREWS**

- Surface: Satin chrome finish. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5112-1120 | 013107 | T20 | 3,86 | 23,9 | 100 | 138 | 119 | 10 |
| 5112-1125 | 013114 | T25 | 4,43 | 23,9 | 100 | 138 | 119 | 10 |
| 5112-1127 | 013121 | T27 | 4,99 | 23,9 | 100 | 138 | 120 | 10 |
| 5112-1130 | 013138 | T30 | 5,52 | 23,9 | 100 | 138 | 120 | 10 |
| 5112-1140 | 013145 | T40 | 6,65 | 23,9 | 100 | 138 | 121 | 10 |
| 5112-1145 | 013152 | T45 | 7,82 | 23,9 | 100 | 138 | 121 | 10 |
| 5112-1150 | 013169 | T50 | 8,83 | 23,9 | 100 | 138 | 122 | 10 |
| 5112-1155 | 013176 | T55 | 11,22 | 23,9 | 100 | 138 | 143 | 10 |
| 5112-1160 | 013183 | T60 | 13,25 | 23,9 | 100 | 138 | 176 | 10 |

## 5112 TXL **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9109**

5704196 048154

1184 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long socket drivers for Torx® screws | 5112 1/2" TXL T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |

## 5191 TXL **1/2" LONG SOCKET DRIVER SET FOR TORX® SCREWS**

**ITEM NO. 5191-1209**

- Set in metal box with long Torx® socket drivers from TX20 to TX60.
- 9 tools.

370 MM × 55 MM × 140 MM

2,3 KG

5704196 013190

4

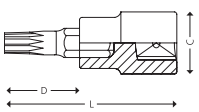
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 9 | Long socket drivers for Torx® screws | 5112 1/2" TXL T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 |

# POLAR
# SOCKETS AND ACCESSORIES

## 5112 XZN **1/2" SOCKET DRIVERS FOR XZN® SCREWS**

DIN 2324.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-4005 | 029184 | M5 | 23,9 | 24 | 62 | 88 | 10 |
| 5112-4006 | 029191 | M6 | 23,9 | 24 | 62 | 89 | 10 |
| 5112-4008 | 029207 | M8 | 23,9 | 24 | 62 | 90 | 10 |
| 5112-4009 | 029214 | M9 | 23,9 | 24 | 62 | 93 | 10 |
| 5112-4010 | 029221 | M10 | 23,9 | 24 | 62 | 94 | 10 |
| 5112-4012 | 029238 | M12 | 23,9 | 24 | 62 | 104 | 10 |
| 5112-4014 | 029245 | M14 | 23,9 | 24 | 62 | 116 | 10 |
| 5112-4016 | 029252 | M16 | 23,9 | 24 | 62 | 156 | 10 |

## 5112 XZN **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9008**

5704196 048161

846 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Socket drivers for XZN® screws | 5112 1/2" XZN M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 |

## 5190 XZN **1/2" SOCKET DRIVER SET FOR XZN® SCREWS**

**ITEM NO. 5190-1208**

- Set in metal box with socket drivers for XZN® screws from M5 to M16.
- 8 tools.

1/2"

250 MM × 150 MM × 50 MM

1,5 KG

5704196 029344

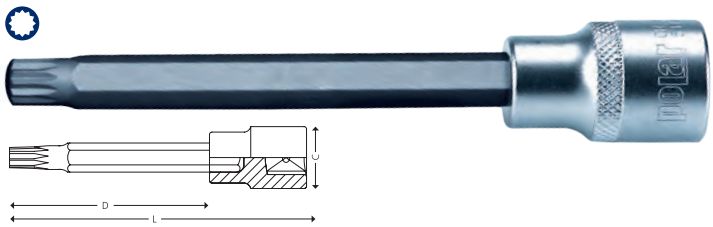
10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Socket drivers for XZN® screws | 5112 1/2" XZN M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 |

## 5112 XZNL **1/2" LONG SOCKET DRIVERS FOR XZN® SCREWS**

DIN 2324.
- Surface: Satin chrome finish. Material: Chrome-vanadium steel.




| ITEM NO. | 5704196+ | SIZE | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5112-4105 | 029269 | M5 | 23,9 | 100 | 138 | 119 | 10 |
| 5112-4106 | 029276 | M6 | 23,9 | 100 | 138 | 120 | 10 |
| 5112-4108 | 029283 | M8 | 23,9 | 100 | 138 | 120 | 10 |
| 5112-4109 | 029290 | M9 | 23,9 | 100 | 138 | 143 | 10 |
| 5112-4110 | 029306 | M10 | 23,9 | 100 | 138 | 145 | 10 |
| 5112-4112 | 029313 | M12 | 23,9 | 100 | 138 | 177 | 10 |
| 5112-4114 | 029320 | M14 | 23,9 | 100 | 138 | 214 | 10 |
| 5112-4116 | 029337 | M16 | 23,9 | 100 | 138 | 301 | 10 |

## 5112 XZNL **1/2" SOCKET DRIVER SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 5112-9108**

5704196 048178

1358 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Long socket drivers for XZN® screws | 5112 1/2" XZNL M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 |

## 5191 XZNL **1/2" SOCKET DRIVER SET FOR XZN® SCREWS**

**ITEM NO. 5191-1208**

- Set in metal box with long socket drivers for XZN® screws from M5 to M16.
- 8 tools.

1/2"

250 MM × 50 MM × 150 MM

2,2 KG

5704196 029351

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Long socket drivers for XZN® screws | 5112 1/2" XZNL M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 |

## 5192 XZNLS **1/2" SOCKET DRIVER SET FOR XZN® SCREWS**

**ITEM NO. 5192-1208**

- Set in metal box with short and long socket drivers for XZN® screws from M5 to M16.
- 8 tools.

1/2"

250 MM × 50 MM × 150 MM

2,1 KG

5704196 029368

10

*CONTENT:*

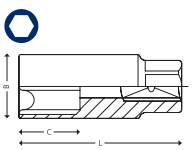
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Long socket drivers for XZN® screws | 5112 1/2" XZNL M6 - M8 - M9 - M10 - M12 - M14 |
| 2 | Socket drivers for XZN® screws | 5112 1/2" XZN M5 - M16 |

# POLAR
## SOCKETS AND ACCESSORIES

### 5012 SP **1/2" SPARK PLUG SOCKETS**

ISO 11168, DIN 3120.

- Rubber gasket for retaining the spark plug.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

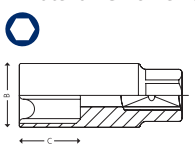


| ITEM NO. | 5704196+ | SIZE MM | MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5012-0516 | 032504 | 16 | 20 | 22 | 67 | 88 | 10 |
| 5012-0521 | 032498 | 21 | 24 | 27 | 67 | 138 | 10 |

### 5012 SPM **1/2" SPARK PLUG SOCKETS - MAGNETIC**

ISO 11168, DIN 3120.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

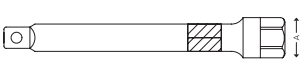


| ITEM NO. | 5704196+ | SIZE MM | MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5012-1514 | 037110 | 14 | 20 | 22 | 67 | 101 | 10 |
| 5012-1516 | 037127 | 16 | 20 | 22 | 67 | 106 | 10 |

### 5212 EX **1/2" EXTENSIONS**

ISO 3316, DIN 3123.

- With ext. 22 mm Hexagon.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

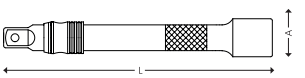


| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5212-0075 | 003399 | 75 | 23 | 160 | 10 | 610453 |
| 5212-0125 | 003405 | 125 | 23 | 247 | 10 | 610454 |
| 5212-0250 | 003412 | 250 | 23 | 450 | 10 | 610455 |
| 5212-0500 | 047386 | 500 | 23 | 850 | 1 | |
| 5212-0600 | 047393 | 600 | 23 | 1067 | 1 | |
| 5212-1000 | 047409 | 1000 | 23 | 1756 | 1 | |

### 5212 EXQR **1/2" EXTENSIONS WITH QUICK-RELEASE**

ISO 3316, DIN 3123.

- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5212-2075 | 027777 | 75 | 22 | 128 | 10 |
| 5212-2125 | 027784 | 125 | 22 | 212 | 10 |
| 5212-2250 | 027791 | 250 | 22 | 418 | 10 |

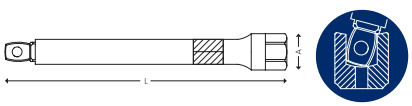
### 5290 **1/2" QUICK-RELEASE EXTENSION BAR SET**

- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 5290-1203 | 027814 | 3 | 5212 EXQR 75 mm, 125 mm, 250 mm | 850 | 1 |

## 5212 EXW **1/2" WOBBLE EXTENSIONS**

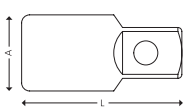
- Can be used for both wobble and rigid functionality.
- The wobble function provides 15° of additional accessibility.
- With ext. 22 mm Hexagon.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5212-1075 | 011066 | 75 | 24 | 160 | 10 |
| 5212-1125 | 011073 | 125 | 24 | 247 | 10 |
| 5212-1150 | 011080 | 150 | 24 | 280 | 10 |
| 5212-1250 | 021959 | 250 | 24 | 420 | 10 |
| 5212-1500 | 011097 | 500 | 24 | 850 | 10 |

## 5712 A **1/2" ADAPTOR FROM 1/2" TO 3/8"**

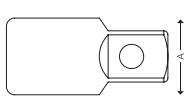
ISO 3316, DIN 3123.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5712-1238 | 003467 | 1/2" | 3/8" | 22 | 36 | 67 | 10 | 610474 |

## 5612 A **1/2" ADAPTOR FROM 1/2" TO 3/4"**

ISO 3316, DIN 3123.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | ▢ | ■ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5612-1234 | 003474 | 1/2" | 3/4" | 25 | 50 | 140 | 10 | 610475 |

## 5600 A **SOCKET ADAPTOR SET**

- Supplied with 150 mm metal rail and 1/4", 3/8", 1/2", 3/4" clips.

**ITEM NO. 5600-9006**

5704196 048185

472 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Adaptors | 1/4" to 3/8" - 3/8" to 1/4" - 3/8" to 1/2" - 1/2" to 3/8" - 1/2" to 3/4" - 3/4" to 1/2" |

## 5600 B **SOCKET ADAPTOR SET**

- Supplied with 250 mm metal rail and 1/4", 3/8", 1/2" clips.

**ITEM NO. 5600-9012**

5704196 048192

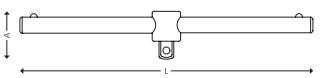
628 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Bit holders | 1/4" x 1/4" - 3/8" x 10 mm - 1/2" x 10 mm - 1/2" x 14 mm - 1/2" x 5/16" |
| 4 | Adaptors | 1/4" to 3/8" - 3/8" to 1/4" - 3/8" to 1/2" - 1/2" to 3/8" |
| 3 | Universal joints | 1/4" - 3/8" - 1/2" |

# POLAR
## SOCKETS AND ACCESSORIES

### 5412 TH **1/2" SLIDING T-HANDLE**

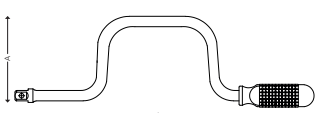
ISO 3315, DIN 3122.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5412-0012 | 003450 | 250 | 42 | 372 | 10 | 610423 |

### 5512 SB **1/2" SPEED BRACE**

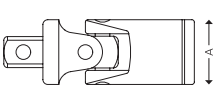
- 1/2" speed brace with rotating plastic handle.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5512-0012 | 027722 | 420 | 110 | 500 | 10 |

### 5812 U **1/2" UNIVERSAL JOINT**

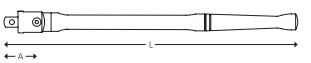
ISO 3316, DIN 3123.
- Equipped with tension-spring.
- Joint stays at desired angle.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5812-0012 | 003443 | 75 | 25 | 160 | 10 | 610467 |

### 5912 FH **1/2" SWIVEL HANDLE**

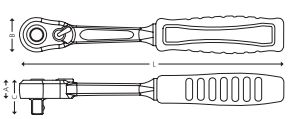
ISO 3315, DIN 3122.
- Heavy duty model.
- Surface: Satin chrome finish.
- Material: Handle in chrome-vanadium steel.
  Head in chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5912-0410 | 003429 | 410 | 56 | 990 | 6 | 610417 |
| 5912-0645 | 003436 | 645 | 56 | 1380 | 10 | 610418 |

### 5312 E **1/2" REVERSIBLE RATCHET WITH LOCKING SYSTEM**

ISO 3315, DIN 3122.
- Model with 60 teeth and Quick Release.
- Compact head with a working angle of 6°.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5312-0060 | 027357 | 16 | 36 | 33 | 255 | 446 | 5 |

## 5090 H **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-1223** **IMPA** CODE 610142

350 MM × 270 MM × 80 MM

4,1 KG

5704196 000626

4

- Socket wrench set in watertight plastic case with 6-point sockets from 10 to 32 mm and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 23 tools.

1/2"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 18 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm |
| 1 | Ratchet, 60-teeth | 5312 1/2" E |
| 2 | Extensions | 5212 1/2" EX 125, 250 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |

## 5091 **1/2" INCH SOCKET WRENCH SET**

**ITEM NO. 5091-1222**

370 MM × 140 MM × 54 MM

4,4 KG

5704196 043340

1

- Socket wrench set in metal box with 6-point sockets from 3/8" to 1-1/4" and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 22 tools.

1/2"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 17 | 6-point sockets | 5012 1/2" 3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 - 11/16 - 3/4 - 25/32 - 13/16 - 7/8 - 15/16 - 1 - 1-1/16 - 1-1/8 - 1-3/16 - 1-1/4" |
| 1 | Ratchet, 60-teeth | 5312 1/2" E |
| 2 | Extensions | 5212 1/2" EX 75, 150 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |

## 5091 **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 5091-1224**

440 MM × 195 MM × 55 MM

5,5 KG

5704196 047331

3

- Socket wrench set in metal box with 6-point sockets from 10 to 34 mm and accessories.
- The set is supplied with a reversible 60-teeth ratchet with locking system.
- 24 tools.

1/2"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 19 | 6-point sockets | 5012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 - 34 mm |
| 1 | Ratchet, 60-teeth | 5312 1/2" E |
| 2 | Extensions | 5212 1/2" EX 125, 250 mm |
| 1 | Sliding T-handle | 5412 1/2" TH |
| 1 | Universal joint | 5812 1/2" U |

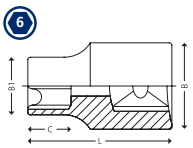
# POLAR
## SOCKETS AND ACCESSORIES

### 3/4" SOCKETS AND ACCESSORIES

## 5034 **3/4" 6-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124.

- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

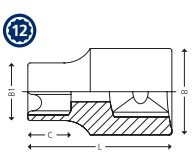


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5034-0019 | 003498 | 19 | 33,0 | 29,2 | 14 | 50 | 170 | 5 | 610301 |
| 5034-0021 | 003504 | 21 | 33,0 | 31,2 | 14 | 50 | 190 | 5 | 610302 |
| 5034-0022 | 003511 | 22 | 36,0 | 32,2 | 14 | 50 | 220 | 5 | 610303 |
| W 5034-0024 | 003528 | 24 | 36,0 | 34,2 | 16 | 51 | 230 | 5 | 610305 |
| W 5034-0027 | 003535 | 27 | 36,0 | 38,0 | 22 | 52 | 240 | 5 | 610307 |
| W 5034-0030 | 003542 | 30 | 38,0 | 42,0 | 24 | 54 | 280 | 5 | 610309 |
| W 5034-0032 | 003559 | 32 | 38,0 | 44,0 | 26 | 56 | 310 | 5 | 610310 |
| 5034-0033 | 042305 | 33 | 38,0 | 46,0 | 26 | 56 | 330 | 5 | |
| W 5034-0036 | 003566 | 36 | 42,0 | 50,0 | 28 | 58 | 430 | 5 | 610312 |
| W 5034-0038 | 003573 | 38 | 45,0 | 52,0 | 28 | 60 | 500 | 5 | 610313 |
| 5034-0041 | 003580 | 41 | 45,0 | 56,0 | 30 | 64 | 570 | 5 | 610314 |
| 5034-0046 | 003597 | 46 | 48,0 | 62,0 | 34 | 68 | 700 | 5 | 610315 |
| 5034-0050 | 003603 | 50 | 48,0 | 68,0 | 36 | 72 | 850 | 5 | 610316 |
| 5034-0055 | 037172 | 55 | 48,0 | 74,0 | 40 | 76 | 1000 | 5 | |

## 5034 **3/4" 12-POINT METRIC SOCKETS**

ISO 2725-1, DIN 3124.

- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

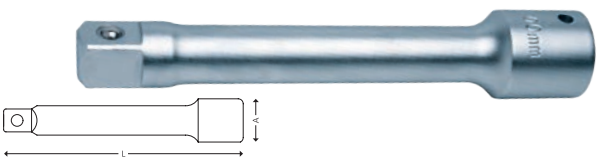


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 5034-2019 | 052175 | 19 | 33,0 | 29,2 | 14 | 50 | 160 | 5 | 610301 |
| 5034-2021 | 052182 | 21 | 33,0 | 31,2 | 14 | 50 | 180 | 5 | 610302 |
| 5034-2022 | 052199 | 22 | 36,0 | 32,2 | 14 | 50 | 210 | 5 | 610303 |
| 5034-2024 | 052205 | 24 | 36,0 | 34,2 | 16 | 51 | 220 | 5 | 610305 |
| 5034-2027 | 052212 | 27 | 36,0 | 38,0 | 22 | 52 | 230 | 5 | 610307 |
| 5034-2030 | 052229 | 30 | 38,0 | 42,0 | 24 | 54 | 270 | 5 | 610309 |
| 5034-2032 | 052236 | 32 | 38,0 | 44,0 | 26 | 56 | 290 | 5 | 610310 |
| 5034-2033 | 052243 | 33 | 38,0 | 46,0 | 26 | 56 | 320 | 5 | |
| 5034-2036 | 052250 | 36 | 42,0 | 50,0 | 28 | 58 | 400 | 5 | 610312 |
| 5034-2038 | 052267 | 38 | 45,0 | 52,0 | 28 | 60 | 470 | 5 | 610313 |
| 5034-2041 | 052274 | 41 | 45,0 | 56,0 | 30 | 64 | 540 | 5 | 610314 |
| 5034-2046 | 052281 | 46 | 48,0 | 62,0 | 34 | 68 | 650 | 5 | 610315 |
| 5034-2050 | 052298 | 50 | 48,0 | 68,0 | 36 | 72 | 800 | 5 | 610316 |
| 5034-2055 | 052304 | 55 | 48,0 | 74,0 | 40 | 76 | 900 | 5 | |

## 5234 EX **3/4" EXTENSIONS**

ISO 3316, DIN 3123.

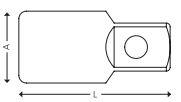
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5234-0100 | 003610 | 100 | 36 | 410 | 1 | |
| 5234-0200 | 003627 | 200 | 36 | 710 | 1 | 610456 |
| 5234-0400 | 046754 | 400 | 36 | 1150 | 1 | |

## 5734 A **3/4" ADAPTOR FROM 3/4" TO 1/2"**

- ISO 3316, DIN 3123.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| W 5734-3412 | 003634 | 3/4" | 1/2" | 34 | 54 | 170 | 5 | 610476 |

## 5434 TH **3/4" SLIDING T-HANDLE**

ISO 3315, DIN 3122.

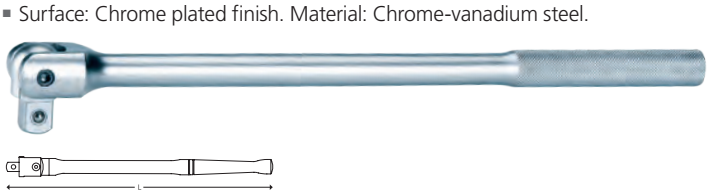
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5434-0450 | 003641 | 450 | 60 | 1380 | 1 | 610424 |

## 5934 FH **3/4" SWIVEL HANDLE - 500 MM**

ISO 3315, DIN 3122.

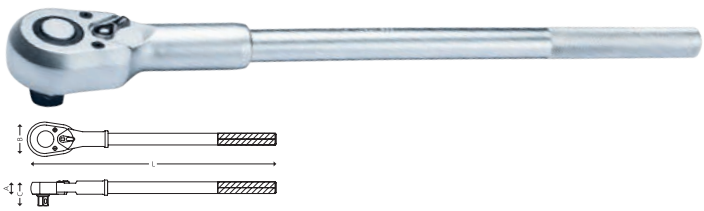
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 5934-0475 | 003658 | 532 | 57 | 1850 | 1 | 610419 |

## 5334 **3/4" REVERSIBLE RATCHET**

ISO 3315, DIN 3122.
- Model with 48 teeth. Working angle of 7,5°.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 5334-0048 | 028514 | 32,4 | 65,5 | 58 | 500 | 2850 | 1 | 610407 |

## 5934 FH **3/4" SWIVEL HANDLE - 1000 MM**

ISO 3315, DIN 3122.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5934-1000 | 017129 | 1000 | 85 | 3650 | 1 |

## 5090 H **3/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-3415** **IMPA** CODE 610153

520 MM × 95 MM × 360 MM
13 KG
5704196 000633
1

- Socket wrench set in plastic case with 6-point sockets from 22 to 50 mm and accessories.
- The set is supplied with a reversible 48-teeth ratchet.
- 14 tools.

3/4"

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | 6-point sockets | 5034 3/4" 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50 mm |
| 1 | Ratchet, 48 teeth | 5334 3/4" |
| 2 | Extensions | 5234 3/4" EX 100 - 200 mm |
| 1 | Sliding T-handle | 5434 3/4" TH |

## 5091 H **3/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 5091-3415** **IMPA** CODE 610153

540 MM × 80 MM × 190 MM
11,3 KG
5704196 038629
1

- Socket wrench set in metal box with 6-point sockets from 22 to 50 mm and accessories.
- The set is supplied with a reversible 48-teeth ratchet.
- 14 tools.

3/4"

*CONTENT:*

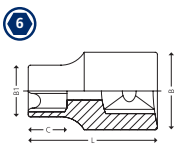
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | 6-point sockets | 5034 3/4" 22 - 24 - 27 - 30 - 32 - 36 - 38 - 41 - 46 - 50 mm |
| 1 | Ratchet, 48 teeth | 5334 3/4" |
| 2 | Extensions | 5234 3/4" EX 100 - 200 mm |
| 1 | Sliding T-handle | 5434 3/4" TH |

# POLAR
## SOCKETS AND ACCESSORIES

1" SOCKETS AND ACCESSORIES

### 5001 **1" 6-POINT METRIC SOCKETS**

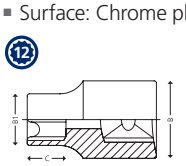
ISO 2725-1 DIN 3124.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5001-0036 | 026404 | 36 | 45 | 52,0 | 28 | 65 | 470 | 1 |
| 5001-0041 | 026411 | 41 | 45 | 57,0 | 32 | 70 | 570 | 1 |
| 5001-0046 | 026428 | 46 | 50 | 65,0 | 34 | 75 | 870 | 1 |
| 5001-0050 | 026435 | 50 | 50 | 70,0 | 34 | 75 | 1050 | 1 |
| 5001-0055 | 026442 | 55 | 55 | 76,0 | 40 | 80 | 1250 | 1 |
| 5001-0060 | 026459 | 60 | 55 | 82,0 | 42 | 84 | 1500 | 1 |
| 5001-0065 | 026466 | 65 | 55 | 88,0 | 44 | 87 | 1660 | 1 |
| 5001-0070 | 026473 | 70 | 60 | 94,0 | 48 | 93 | 2200 | 1 |
| 5001-0075 | 026480 | 75 | 60 | 100,0 | 52 | 87 | 2400 | 1 |
| 5001-0080 | 026497 | 80 | 60 | 105,0 | 54 | 103 | 3000 | 1 |

### 5001 **1" 12-POINT METRIC SOCKETS**

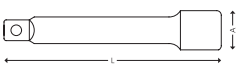
ISO 2725-1 DIN 3124.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 5001-2036 | 052311 | 36 | 45 | 52,0 | 28 | 65 | 460 | 1 |
| 5001-2041 | 052328 | 41 | 45 | 57,0 | 32 | 70 | 560 | 1 |
| 5001-2046 | 052335 | 46 | 50 | 65,0 | 34 | 75 | 830 | 1 |
| 5001-2050 | 052342 | 50 | 50 | 70,0 | 34 | 75 | 1035 | 1 |
| 5001-2055 | 052359 | 55 | 55 | 76,0 | 40 | 80 | 1180 | 1 |
| 5001-2060 | 052366 | 60 | 55 | 82,0 | 42 | 84 | 1370 | 1 |
| 5001-2065 | 052373 | 65 | 55 | 88,0 | 44 | 87 | 1570 | 1 |
| 5001-2070 | 052380 | 70 | 60 | 94,0 | 48 | 93 | 2000 | 1 |
| 5001-2075 | 052397 | 75 | 60 | 100,0 | 52 | 87 | 2350 | 1 |
| 5001-2080 | 052403 | 80 | 60 | 105,0 | 54 | 103 | 2600 | 1 |

### 5201 EX **1" EXTENSIONS**

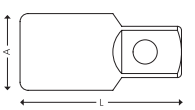
ISO 3316, DIN 3123.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5201-0150 | 026510 | 150 | 48 | 1100 | 1 |
| 5201-0200 | 026527 | 200 | 48 | 1350 | 1 |
| 5201-0400 | 026534 | 400 | 48 | 2480 | 1 |

### 5701 A **1" ADAPTOR FROM 1" TO 3/4"**

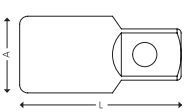
ISO 3316, DIN 3123.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5701-0134 | 026558 | 1" | 3/4" | 48 | 65 | 440 | 1 |

### 5634 A **3/4" ADAPTOR FROM 3/4" TO 1"**

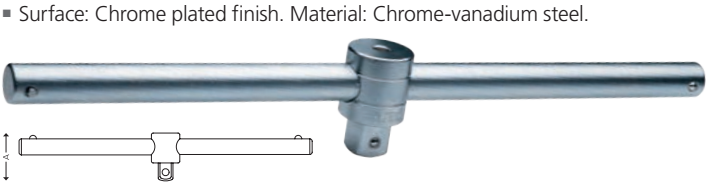
ISO 3316, DIN 3123.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5634-3401 | 026541 | 3/4" | 1" | 38 | 62 | 390 | 1 |

### 5401 TH **1" SLIDING T-HANDLE**

ISO 3316, DIN 3123.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

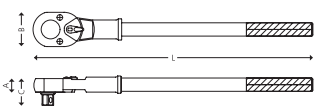


| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5401-0550 | 026565 | 550 | 80 | 3340 | 1 |

## 5301 **1" REVERSIBLE RATCHET**

ISO 3315, DIN 3122.

- Model with 24 teeth. Working angle of 15°.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

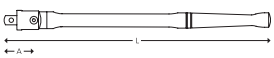


| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5301-0024 | 026503 | 33,8 | 71,5 | 66,7 | 670 | 4410 | 1 |

## 5901 FH **1" SWIVEL HANDLE - 1000 MM**

ISO 3316, DIN 3123.

- Surface: Chrome plated finish. Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5901-1000 | 026398 | 1000 | 87 | 3820 | 1 |

## 5090 H **1" METRIC SOCKET WRENCH SET**

**ITEM NO. 5090-0115**

- Socket wrench set in metal box with 6-point sockets from 36 to 80 mm and accessories.
- Supplied with a reversible 24-teeth ratchet.
- 15 tools.

1"

660 MM × 108 MM × 210 MM

27,6 KG

5704196 026572

1

**15 TOOLS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | 6-point sockets | 5001 1" 36 - 41 - 46 - 50 - 55 - 60 - 65 - 70 - 75 - 80 mm |
| 1 | Ratchet, 24 teeth | 5301 1" |
| 2 | Extensions | 5201 1" EX 200 - 400 mm |
| 1 | Handle | 550 mm |
| 1 | Sliding head | 1" |

# AIR TOOLS

*POLAR Air tools are designed to work comfortably and feature heavy duty components to resist everyday use.*

*POLAR offers a very wide range of air tools, impact sockets and accessories which combines power and durability.*

- Compact design – allows easy access to tight spaces.
- Twin hammer impact mechanisms – performing maximum power.
- Reduced vibration – shock absorption reduce the stress from vibration.
- Balanced design – for better user control.
- Low noise – for a comfortable working environment.
- Comfort grip – ergonomic grip, to take the strain out of repetitive use.

polar

# IMPACT WRENCHES

*POLAR Composite impact wrenches are all manufactured with the durable and hard hitting twin hammer mechanism.*

## 6100 C **1/2" MINI IMPACT WRENCH**

1/2"

**ITEM NO. 6100-0012**

1,3 KG **L** 122 MM

5704196 019758 **IMPA** CODE 590101

10

- Composite motor housing.
- Lightweight.
- Handle exhaust. Twin hammer.
- One hand push button forward / reverse.
- Steel ring to retain the sockets.
- Compact design for narrow space.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 50 - 550 Nm |
| Max. torque: | 610 Nm |
| Speed: | 9.000 RPM |
| Sound pressure: | 89,1 db(A) |
| Sound power: | 100,1 db(A) |
| Vibration level: | 9,69 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 120 L/Min |

Recommended air pressure: 6,2 bar

## 6100 C1 **1/2" IMPACT WRENCH**

1/2"

**ITEM NO. 6100-1012**

2,02 KG **L** 165 MM

5704196 019765 **IMPA** CODE 590101

10

- Composite motor housing.
- Lightweight.
- Handle exhaust. Twin hammer.
- One hand push button forward / reverse.
- Steel ring to retain the sockets.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 70 - 880 Nm |
| Max. torque: | 1.220 Nm |
| Speed: | 6.500 RPM |
| Sound pressure: | 91,6 db(A) |
| Sound power: | 102,6 db(A) |
| Vibration level: | 9,44 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 135 L/Min |

Recommended air pressure: 6,2 bar

## 6100 B **3/8" IMPACT WRENCH**

**ITEM NO. 6100-0038**

3/8"

1,2 KG **L** 153 MM

5704196 019987

10

- Composite motor housing.
- Lightweight.
- Handle exhaust.
- Twin hammer clutch mechanism.
- One hand push button forward/reverse.
- Steel ring to retain the sockets.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 34 - 338 Nm |
| Max. torque: | 430 Nm |
| Speed: | 11.000 RPM |
| Sound pressure: | 84 db(A) |
| Sound power: | 95 db(A) |
| Vibration level: | 6,78 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 113 L/Min |

Recommended air pressure: 6,2 bar

## 6100 C2 **1/2" IMPACT WRENCH**

**ITEM NO. 6100-2012**

1/2"

2,1 KG **L** 186 MM

5704196 019772

10

**IMPA** CODE 590101

- Composite motor housing.
- Silenced handle exhaust.
- Twin hammer.
- Steel ring to retain the sockets.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 68 - 746 Nm |
| Max. torque: | 1.054 Nm |
| Speed: | 9.000 RPM |
| Sound pressure: | 95,36 db(A) |
| Sound power: | 106,36 db(A) |
| Vibration level: | 13,18 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 158 L/Min |

Recommended air pressure: 6,2 bar

## 6100 D **3/4" IMPACT WRENCH**

**ITEM NO. 6100-0034**

3/4"

3,3 KG **L** 215 MM

5704196 019789

4

**IMPA** CODE 590105

- Composite motor housing.
- Lightweight.
- Handle exhaust.
- Twin hammer clutch mechanism.
- One hand push button forward/reverse.
- Steel ring to retain the sockets.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 271 - 1.627 Nm |
| Max. torque: | 2.034 Nm |
| Speed: | 5.500 RPM |
| Sound pressure: | 92,5 db(A) |
| Sound power: | 103,5 db(A) |
| Vibration level: | 11,18 m/s² |
| Air inlet: | 3/8" |
| Hose size: | 1/2" (13 mm) |
| Air consumption: | 226 L/Min |

Recommended air pressure: 6,2 bar

## 6100 E2 **1" IMPACT WRENCH**

**ITEM NO. 6100-2010**

1"

3,4 KG **L** 223 MM

5704196 019994

4

**IMPA** CODE 590106

- Composite motor housing.
- Lightweight.
- Handle exhaust.
- Twin hammer clutch mechanism.
- One hand push button forward/reverse.
- Steel ring to retain the sockets.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 271 - 1.627 Nm |
| Max. torque: | 2.034 Nm |
| Speed: | 5.500 RPM |
| Sound pressure: | 93,86 db(A) |
| Sound power: | 104,86 db(A) |
| Vibration level: | 19,59 m/s² |
| Air inlet: | 3/8" |
| Hose size: | 1/2" (13 mm) |
| Air consumption: | 226 L/Min |

Recommended air pressure: 6,2 bar

# POLAR
## AIR TOOLS

### 6100 E **1" IMPACT WRENCH**

**ITEM NO. 6100-0010** 5704196 019796 **L** 412 MM 10 KG 1
**IMPA** CODE 590106

- Side handle for better control.
- Handle with inside trigger.
- Steel ring to retain the sockets.
- Twin hammer clutch mechanism.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 542 - 2.441 Nm |
| Max. torque: | 3.390 Nm |
| Speed: | 5.000 RPM |
| Sound pressure: | 95,4 db(A) |
| Sound power: | 106,4 db(A) |
| Vibration level: | 18,1 m/s² |
| Air inlet: | 1/2" |
| Hose size: | 1/2" (13 mm) |
| Air consumption: | 275 L/Min |

Recommended air pressure: 6,2 bar

*Forward/Reverse and speed level.*

### 6100 E1 **1" IMPACT WRENCH WITH 8" LONG ANVIL**

**ITEM NO. 6100-1010** 5704196 019802 **L** 520 MM 11 KG 1

- Side handle for better control.
- Handle with inside trigger.
- Steel ring to retain the sockets.
- Twin hammer clutch mechanism.

***TECHNICAL DATA:***

| | |
|---|---|
| Working torque: | 542 - 2.441 Nm |
| Max. torque: | 3.390 Nm |
| Speed: | 5.000 RPM |
| Sound pressure: | 97,1 db(A) |
| Sound power: | 108,1 db(A) |
| Vibration level: | 18,5 m/s² |
| Air inlet: | 1/2" |
| Hose size: | 1/2" (13 mm) |
| Air consumption: | 275 L/Min |

Recommended air pressure: 6,2 bar

*Forward/Reverse and speed level.*

# RATCHETS

*All POLAR Ratchets are manufactured with needle bearings, providing a smooth running tool.*

## 6105 A **1/4" STUBBY RATCHET**

**ITEM NO. 6105-0014** | 5704196 019819 | L 133 MM | 0,5 KG | 20

- Composite motor housing.
- Short and compact size.
- Rear exhaust.

***TECHNICAL DATA:***

| | |
|---|---|
| Max. torque: | 40,7 Nm |
| Speed: | 350 RPM |
| Sound pressure: | 85 db(A) |
| Sound power: | 96 db(A) |
| Vibration level: | 2,99 m/s$^2$ |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 113 L/Min |

Recommended air pressure: 6,2 bar

## 6105 B **3/8" STUBBY RATCHET WITH WOBBLE-SQUARE**

**ITEM NO. 6105-1038** | 5704196 019826 | L 133 MM | 0,5 KG | 20

- Composite motor housing.
- Short and compact size. Rear exhaust.
- Wobble function provides 15° of additional accessibility.

***TECHNICAL DATA:***

| | |
|---|---|
| Max. torque: | 40,7 Nm |
| Speed: | 350 RPM |
| Sound pressure: | 85 db(A) |
| Sound power: | 96 db(A) |
| Vibration level: | 2,99 m/s$^2$ |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 113 L/Min |

Recommended air pressure: 6,2 bar

*Wobble-square.*

## 6105 B1 **3/8" RATCHET**

**ITEM NO. 6105-0038** | 5704196 019833 | L 256 MM | 1,2 KG | 20

- Cushioned grip. Strong ratchet head.
- Rotating air inlet.
- Rotating rear exhaust with silencer.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Working torque: | 14 - 68 Nm | Vibration level: | 2,67 m/s$^2$ |
| Max. torque: | 68 Nm | Air inlet: | 1/4" |
| Speed: | 150 RPM | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 82,3 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 93,3 db(A) | Recommended air pressure: 6,2 bar | |

## 6105 C **1/2" RATCHET**

**ITEM NO. 6105-0012** | 5704196 019840 | L 256 MM | 1,2 KG | 20

- Cushioned grip. Strong ratchet head.
- Rotating air inlet.
- Rotating rear exhaust with silencer.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Working torque: | 14 - 68 Nm | Vibration level: | 2,67 m/s$^2$ |
| Max. torque: | 68 Nm | Air inlet: | 1/4" |
| Speed: | 150 RPM | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 82,3 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 93,3 db(A) | Recommended air pressure: 6,2 bar | |

# GRINDERS

*POLAR Grinders with ergonomic handles are contoured to fit comfortably in the hand, as well as absorb vibration.*

## 6110 A **MINI GRINDER**

**ITEM NO. 6110-0000** 5704196 019659 **L** 163 MM 0,4 KG 20
**IMPA** CODE 590326

- Comfort grip.
- Rotating rear regulator. Safety throttle lever.
- Rear exhaust with silencer. Rotating air inlet.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 25.000 RPM | Air inlet: | 1/4" |
| Collet size: | 6 mm | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 80,6 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 91,6 db(A) | Recommended air pressure: 6,2 bar | |
| Vibration level: | 4,65 m/s² | | |

## 6110 C **MINI GRINDER - 115° ANGLE HEAD**

**ITEM NO. 6110-0115** 5704196 019673 **L** 200 MM 0,5 KG 10

- Comfort grip. Rotating rear regulator. Safety throttle lever.
- Rear exhaust with silencer. Rotating air inlet.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 20.000 RPM | Air inlet: | 1/4" |
| Collet size: | 6 mm | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 78 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 89 db(A) | Recommended air pressure: 6,2 bar | |
| Vibration level: | 4,46 m/s² | | |

## 6110 B **MINI GRINDER - 90° ANGLE HEAD**

**ITEM NO. 6110-0090** 5704196 019666 **L** 166 MM 0,5 KG 20

- Comfort grip. Rotating rear regulator. Safety throttle lever.
- Rear exhaust with silencer. Rotating air inlet.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 20.000 RPM | Air inlet: | 1/4" |
| Collet size: | 6 mm | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 81 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 92 db(A) | Recommended air pressure: 6,2 bar | |
| Vibration level: | 4,46 m/s² | | |

## 6110 D **MINI GRINDER - 3" CUT-OFF TOOL**

**ITEM NO. 6110-1075** 5704196 019680 **L** 203 MM 0,8 KG 10

- Comfort grip.
- Rotating rear regulator. Safety throttle lever.
- Rear exhaust with silencer. Rotating air inlet.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 20.000 RPM | Air inlet: | 1/4" |
| Disc size: | 3" (75 mm) | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 81,62 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 92,62 db(A) | Recommended air pressure: 6,2 bar | |
| Vibration level: | 3,71 m/s² | | |

## 6110 I **INDUSTRIAL DIE GRINDER**

**ITEM NO. 6110-1000** | 5704196 029825 | **L** 200 MM | 0,8 KG | 20

- Powerful 0,75 kW / 1.0 HP motor.
- Comfort grip.
- Safety throttle lever.
- Rear exhaust.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 20.000 RPM | Air inlet: | 1/4" |
| Collet size: | 6 mm | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 83,7 db(A) | Air consumption: | 150 L/Min |
| Sound power: | 94,7 db(A) | Rated power: | 0,75 kW / 1 HP |
| Vibration level: | 2,71 m/s² | Recommended air pressure: 6,2 bar | |

## 6110 IE **EXTENDED DIE GRINDER**

**ITEM NO. 6110-1100** | 5704196 029832 | **L** 330 MM | 1,2 KG | 10

- Powerful 0,75 kW / 1.0 HP motor.
- Comfort grip.
- Safety throttle lever.
- Rear exhaust.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 20.000 RPM | Air inlet: | 1/4" |
| Collet size: | 6 mm | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 83,9 db(A) | Air consumption: | 150 L/Min |
| Sound power: | 94,9 db(A) | Rated power: | 0,75 kW / 1 HP |
| Vibration level: | 2,76 m/s² | Recommended air pressure: 6,2 bar | |

## 6110 IE **INDUSTRIAL DIE GRINDER - 90° ANGLE HEAD**

**ITEM NO. 6110-1090** | 5704196 042824 | **L** 212 MM | 1,2 KG | 10

- Powerful 0,75 kW / 1.0 HP motor.
- Comfort grip.
- Safety throttle lever.
- Rear exhaust.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 12.000 RPM | Air inlet: | 1/4" |
| Collet size: | 6 mm | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 87,4 db(A) | Air consumption: | 150 L/Min |
| Sound power: | 98,4 db(A) | Rated power: | 0,75 kW / 1 HP |
| Vibration level: | 2,44 m/s² | Recommended air pressure: 6,2 bar | |

# POLAR
AIR TOOLS

## 6120 A **5" ANGLE GRINDER**

**ITEM NO. 6120-0125** | 5704196 019710 | **L** 238 MM | 2 KG | 10

*Easy disc change*

*Rear exhaust*

- Composite motor housing.
- 9 position adjustable swivel guard. Side handle.
- Spindle lock allows quick and easy disc change.
- Powerful 0,75 HP motor. Low noise level.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 12.000 RPM | Power: | 0,7 HP (0,52 Kw) |
| Disc size: | 5" (125 mm) | Air inlet: | 1/4" |
| Spindle thread: | M14 x 2.0 | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 87,5 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 98,5 db(A) | Recommended air pressure: | 6,2 bar |
| Vibration level: | 6,5 m/s² | | |

## 6120 B **7" ANGLE GRINDER**

**ITEM NO. 6120-0175** | 5704196 019727 | **L** 334 MM | 3,3 KG | 6

**IMPA** CODE 590302

*Easy disc change*

- Spindle lock allows quick and easy disc change.
- Push button lock off lever. Rubber comfort grip.
- Front exhaust.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 8.500 RPM | Power: | 1,3 HP (0,97 Kw) |
| Disc size: | 7" (175 mm) | Air inlet: | 3/8" |
| Spindle thread: | 5/8" - 11 | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 92,5 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 103,5 db(A) | Recommended air pressure: | 6,2 bar |
| Vibration level: | 5,57 m/s² | | |

## 6125 **LONG ANGLE GRINDER, 4" CUT-OFF TOOL**

**ITEM NO. 6125-0100** | 5704196 019734 | **L** 371 MM | 1,7 KG | 10

- Spindle lock allows quick and easy disc change. Rear exhaust.
- Built-in cushion grip. Push to adjust guard.
- 11 position adjustable swivel guard.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 14.000 RPM | Power: | 1,0 HP (0,75 Kw) |
| Disc size: | 4" (100 mm) | Air inlet: | 1/4" |
| Disc hole: | 3/8" (10 mm) | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 85,5 db(A) | Air consumption: | 113 L/Min |
| Sound power: | 96,5 db(A) | Recommended air pressure: | 6,2 bar |
| Vibration level: | 3,8 m/s² | | |

## 6127 **7" ANGLE POLISHER**

**ITEM NO. 6127-0175** | 5704196 019741 | **L** 307 MM | 1,9 KG | 10

- Rubber comfort grip. Safety lever.
- Spindle lock button. Rear exhaust.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 2.500 RPM | Vibration level: | 1 m/s² |
| Pad size: | 7" (175 mm) | Air inlet: | 1/4" |
| Spindle thread: | 5/8" - 11 | Hose size: | 3/8" (10 mm) |
| Sound pressure: | 90,2 db(A) | Air consumption: | 91 L/Min |
| Sound power: | 101,2 db(A) | Recommended air pressure: | 6,2 bar |

## 6113 **5" REVERSIBLE HIGH SPEED SANDER**

**ITEM NO. 6113-0125** | 5704196 019697 | **L** 146 MM | 1 KG | 10

- Composite motor housing.
- Reversing bar on both sides.
- Handle exhaust.

***TECHNICAL DATA:***

| | |
|---|---|
| Speed: | 16.000 RPM |
| Pad size: | 3" - 4½" - 5½" |
| Sound pressure: | 90 db(A) |
| Sound power: | 101 db(A) |
| Vibration level: | 2,65 m/s² |
| Power: | 0,6 HP (0,45 Kw) |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 113 L/Min |
| Recommended air pressure: | 6,2 bar |

## 6115 **5" RANDOM ORBITAL SANDER**

**ITEM NO. 6115-0125**

0,7 KG | **L** 187 MM

5704196 019703

10

- Composite motor housing.
- Exhaust to central-vacuum system.
- Low vibration.
- Lightweight.
- Low noise level.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 12.000 RPM | Vibration level: | 2,8 m/s² |
| Orbit diameter: | 5 mm | Power: | 0,6 HP (0,45 Kw) |
| Pad size: | 5" (125 mm) with 8 holes | Air inlet: | 1/4" |
| | | Hose size: | 3/8" (10 mm) |
| Spindle thread: | 5/16" | Air consumption: | 57 L/Min |
| Sound pressure: | 76 db(A) | Recommended air pressure: | 6,2 bar |
| Sound power: | 87 db(A) | | |

## 6115 **6" RANDOM ORBITAL SANDER**

**ITEM NO. 6115-0150**

0,7 KG | **L** 187 MM

5704196 034157

10

- Composite motor housing.
- Exhaust to central-vacuum system.
- Low vibration.
- Lightweight.
- Low noise level.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 12.000 RPM | Vibration level: | 2,8 m/s² |
| Orbit diameter: | 5 mm | Power: | 0,6 HP (0,45 Kw) |
| Pad size: | 6" (150 mm) with 6 holes | Air inlet: | 1/4" |
| | | Hose size: | 3/8" (10 mm) |
| Spindle thread: | 5/16" | Air consumption: | 57 L/Min |
| Sound pressure: | 76 db(A) | Recommended air pressure: | 6,2 bar |
| Sound power: | 87 db(A) | | |

# POLAR
## AIR TOOLS

### 6145 A **BELT SANDER - 10 MM**

**ITEM NO. 6145-0010** | 5704196 029801 | **L** 305 MM | 0,9 KG | 10

- Rubber comfort grip.
- Safety throttle lever.
- Rear exhaust.
- Rotating air inlet.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 20.000 RPM | Vibration level: | 1,3 m/s² |
| Belt size: | 10 x 330 mm | Hose size: | 3/8″ (10 mm) |
| Air inlet: | 1/4″ | Air consumption: | 110 L/Min |
| Sound pressure: | 86 db(A) | Recommended air pressure: | 6,2 bar |
| Sound power: | 97 db(A) | | |

### 6145 B **BELT SANDER - 20 MM**

**ITEM NO. 6145-0020** | 5704196 029818 | **L** 376 MM | 1,5 KG | 10

- Rubber comfort grip.
- Safety throttle lever.
- Rear exhaust.
- Rotating air inlet.

***TECHNICAL DATA:***

| | | | |
|---|---|---|---|
| Speed: | 18.000 RPM | Vibration level: | 0,78 m/s² |
| Belt size: | 20 x 520 mm | Hose size: | 3/8″ (10 mm) |
| Air inlet: | 1/4″ | Air consumption: | 119 L/Min |
| Sound pressure: | 89 db(A) | Recommended air pressure: | 6,2 bar |
| Sound power: | 100 db(A) | | |

### 6130 A **DRILL, 10 MM**

**ITEM NO. 6130-0010** | 5704196 019857 | **L** 197 MM | 1,1 KG | 10
**IMPA** CODE 590342

- Composite motor housing.
- Two speed trigger.
- Reversing bar on both sides.
- Keyless chuck.

***TECHNICAL DATA:***

| | |
|---|---|
| Speed: | 1.800 RPM |
| Chuck size: | 3/8″ (10 mm) |
| Sound pressure: | 83,58 db(A) |
| Sound power: | 94,58 db(A) |
| Vibration level: | 2,59 m/s² |
| Power: | 0,5 HP (0,37 Kw) |
| Air inlet: | 1/4″ |
| Hose size: | 3/8″ (10 mm) |
| Air consumption: | 113 L/Min |
| Recommended air pressure: | 6,2 bar |

### 6130 B **DRILL, 13 MM**

**ITEM NO. 6130-0013** | 5704196 019864 | **L** 218 MM | 1,3 KG | 10
**IMPA** CODE 590347

- Composite motor housing.
- Two speed trigger.
- Reversing bar on both sides.
- Keyless chuck.

***TECHNICAL DATA:***

| | |
|---|---|
| Speed: | 800 RPM |
| Chuck size: | 1/2″ (13 mm) |
| Sound pressure: | 85 db(A) |
| Sound power: | 96 db(A) |
| Vibration level: | 2,35 m/s² |
| Power: | 0,5 HP (0,37 Kw) |
| Air inlet: | 1/4″ |
| Hose size: | 3/8″ (10 mm) |
| Air consumption: | 113 L/Min |
| Recommended air pressure: | 6,2 bar |

## 6160 **3/16" AIR HYDRAULIC RIVETER**

**ITEM NO. 6160-0014** 5704196 029771 **HxL** 27 x 23 CM 1,5 KG 10

- Lightweight cast aluminum body.
- Machined chrome plated steel nosepiece.
- Air relief valve prevents overloading.
- Safety cap collects spent rivet pins.
- Nose pieces in 2.4 - 3.2 - 4.0 and 4.8 mm
- Rivet material: Aluminium, steel and stainless steel.

***TECHNICAL DATA:***

| | |
|---|---|
| Tool stroke: | 14 mm |
| Traction power: | 1219 kg |
| Air inlet: | 1/4" |
| Rivet capacity: | 2.4 - 4.8 mm (3/32"-3/16") |
| Hose size: | 1/2" (13 mm) |
| Sound pressure: | 77,8 db(A) |
| Sound power: | 88,8 db (A) |
| Vibration level: | 1,2 m/s² |

Recommended air pressure: 6,2 bar

## 6160 **1/4" HEAVY-DUTY AIR HYDRAULIC RIVETER**

**ITEM NO. 6160-0016** 5704196 029788 **HxL** 32 x 26 CM 2 KG 6

- Lightweight cast aluminum body.
- Machined chrome plated steel nosepiece.
- Air relief valve prevents overloading.
- Safety cap collects spent rivet pins.
- Nose pieces in 2.4 - 3.2 - 4.0 - 4.8 - 5.6 and 6.4 mm
- Rivet material: Aluminium, steel and stainless steel.

***TECHNICAL DATA:***

| | |
|---|---|
| Tool stroke: | 16 mm |
| Traction power: | 1894 kg |
| Air inlet: | 1/4" |
| Rivet capacity: | 2.4 - 6.4 mm (3/32" - 1/4") |
| Hose size: | 1/2" (13 mm) |
| Sound pressure: | 81,2 db(A) |
| Sound power: | 92,1 db(A) |
| Vibration level: | 0,6 m/s² |

Recommended air pressure:
5,5 - 6,9 bar (depend on rivet material)

# POLAR
## AIR TOOLS

## 6135 **HAMMER WITH HEX-SHANK**

**ITEM NO. 6135-0001** 5704196 019871 **L** 133 MM 1,2 KG 10
**IMPA** CODE 590352

***TECHNICAL DATA:***

| | |
|---|---|
| Blows per minute: | 5.000 BPM |
| Stroke length: | 1 5/8" (41 mm) |
| Sound pressure: | 104,02 db(A) |
| Sound power: | 115,02 db(A) |
| Vibration level: | 14,12 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 113 L/Min |

## 6135 S/4 **CHISEL SET**

- Set with 4 Hex-shank chisels (5"):
  Tapered punch chisel, flat chisel, panel cutter and spot weld breaker.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 6135-0004 | 021621 | 398 | 1 |

## 6135 **AIR HAMMER KIT**

**ITEM NO. 6135-9008**

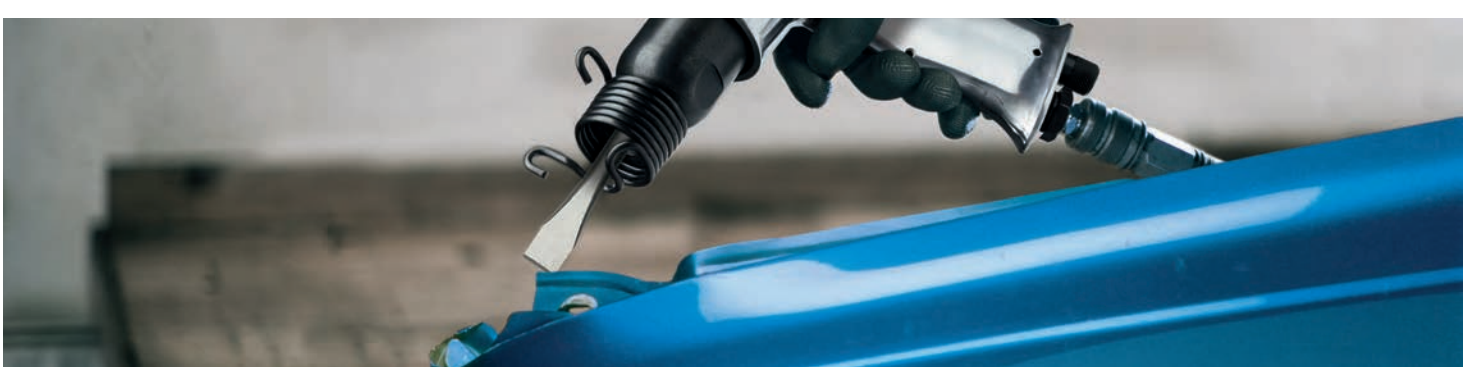
- Set in plastic case with air hammer, chisels and accessories.
- 8 tools.

330 MM × 60 MM × 190 MM

5704196 023250 2,3 KG 10

***CONTENT:***

| QTY. | DESCRIPTION |
|---|---|
| 1 | 6135 Air hammer |
| 5 | 6135 S/5 5" Chisels:<br>Tapered punch chisel, flat chisel, panel cutter, spot weld breaker and tailpipe cutter. |
| 1 | 6956 1/4" Nipple |
| 1 | 6910 1/4" Mini oiler |



## 6137 A **NEEDLE SCALER - STRAIGHT**

**ITEM NO. 6137-0001** 5704196 019888 **L** 370 MM 2,8 KG 6
**IMPA** CODE 590462

***TECHNICAL DATA:***

| | |
|---|---|
| Blows per minute: | 3.700 BPM |
| Needle diameter: | 3 mm |
| Qty. needles: | 19 pcs. |
| Sound pressure: | 94 db(A) |
| Sound power: | 107 db(A) |
| Vibration level: | 17,43 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 85 L/Min |

Recommended air pressure: 6,2 bar

## 6137 B **NEEDLE SCALER - PISTOL**

**ITEM NO. 6137-0002** 5704196 019895 **L** 330 MM 2,6 KG 1
**IMPA** CODE 590464

***TECHNICAL DATA:***

| | |
|---|---|
| Blows per minute: | 3.700 BPM |
| Needle diameter: | 3 mm |
| Qty. needles: | 19 pcs. |
| Sound pressure: | 98 db(A) |
| Sound power: | 109 db(A) |
| Vibration level: | 18,1 m/s² |
| Air inlet: | 1/4" |
| Hose size: | 3/8" (10 mm) |
| Air consumption: | 85 L/Min |

Recommended air pressure: 6,2 bar

## 6137 **NEEDLE SET - 19 PCS.**

- For model 6137 A and B.

| ITEM NO. | 5704196+ | SIZE MM | G | |
|---|---|---|---|---|
| P6137-0001-17A | 021119 | 3 x 180 mm | 188 | 1 |

## 6165 **AIR BODY SAW**

**ITEM NO. 6165-0001** 5704196 029764 **L** 22,7 CM 0,6 KG 20

- Professionel vibration-damped air body saw.
- Safety lever prevents accidential starting.
- Patented design reduces vibration level by 40%.
- Supplied with 2 blades (24 and 32 tpi).

***TECHNICAL DATA:***

| | |
|---|---|
| Air inlet: | 1/4" |
| Air hose: | 3/8" |
| Stroke length: | 14 mm |
| Speed: | 10,000 strokes/min. |
| Sound pressure: | 89,2 db (A) |
| Sound power: | 100,2 db (A) |
| Vibration level: | 5,45 m/s² |
| Air consumption: | 65 L/min. |

Recommended air pressure: 6,2 bar

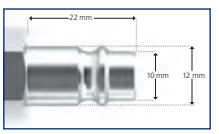
## 6165 **SPARE BLADES**

- For model 6165.

| ITEM NO. | 5704196+ | TPI | QTY. PCS. | G | |
|---|---|---|---|---|---|
| P6165-0001-01A | 039183 | 32 | 1 | 36 | 10 |
| P6165-0001-01B | 039190 | 24 | 1 | 36 | 10 |

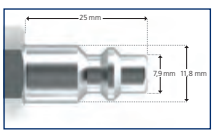
# POLAR
AIR TOOLS

## 6950 I **EURO-PROFIL COUPLINGS**



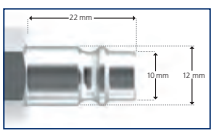

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6950-0014 | 036656 | 1/4" BSP int. thread | 95 | 25 |
| 6950-0038 | 036663 | 3/8" BSP int. thread | 88 | 25 |
| 6950-0012 | 036670 | 1/2" BSP int. thread | 98 | 25 |

## 6953 I **ISO 6150 B-PROFIL COUPLINGS**



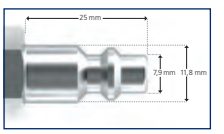

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6953-0014 | 036755 | 1/4" BSP int. thread | 110 | 25 |
| 6953-0038 | 036762 | 3/8" BSP int. thread | 110 | 25 |
| 6953-0012 | 036779 | 1/2" BSP int. thread | 110 | 25 |

## 6950 E **EURO-PROFIL COUPLINGS**



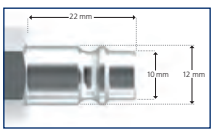

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6950-1014 | 036687 | 1/4" BSP ext. thread | 105 | 25 |
| 6950-1038 | 036694 | 3/8" BSP ext. thread | 110 | 25 |
| 6950-1012 | 036700 | 1/2" BSP ext. thread | 200 | 25 |

## 6953 E **ISO 6150 B-PROFIL COUPLINGS**



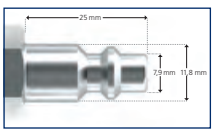

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6953-1014 | 036786 | 1/4" BSP ext. thread | 110 | 25 |
| 6953-1038 | 036793 | 3/8" BSP ext. thread | 106 | 25 |
| 6953-1012 | 036809 | 1/2" BSP ext. thread | 100 | 25 |

## 6950 H **EURO-PROFIL COUPLINGS**




| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6950-2014 | 036717 | 1/4" (6 mm) hose con. | 106 | 25 |
| 6950-2516 | 036724 | 5/16" (8 mm) hose con. | 110 | 25 |
| 6950-2038 | 036731 | 3/8" (10 mm) hose con. | 107 | 25 |
| 6950-2012 | 036748 | 1/2" (13 mm) hose con. | 110 | 25 |

## 6953 H **ISO 6150 B-PROFIL COUPLINGS**




| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6953-2014 | 036816 | 1/4" (6 mm) hose con. | 100 | 25 |
| 6953-2516 | 036823 | 5/16" (8 mm) hose con. | 100 | 25 |
| 6953-2038 | 036830 | 3/8" (10 mm) hose con. | 106 | 25 |
| 6953-2012 | 036847 | 1/2" (13 mm) hose con. | 100 | 25 |

## 6956 I **EURO-NIPPLES**

- Material: Hardened steel.

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6956-0014 | 036854 | 1/4" BSP int. thread | 26 | 50 |
| 6956-0038 | 036861 | 3/8" BSP int. thread | 33 | 25 |
| 6956-0012 | 036878 | 1/2" BSP int. thread | 51 | 25 |

## 6957 I **ISO 6150 B-PROFIL NIPPLES**

- Material: Hardened steel.

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6957-0014 | 036953 | 1/4" BSP int. thread | 24 | 50 |
| 6957-0038 | 036960 | 3/8" BSP int. thread | 28 | 25 |
| 6957-0012 | 036977 | 1/2" BSP int. thread | 49 | 25 |

## 6956 E **EURO-NIPPLES**

- Material: Hardened steel.

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6956-1014 | 036885 | 1/4" BSP ext. thread | 20 | 50 |
| 6956-1038 | 036892 | 3/8" BSP ext. thread | 28 | 25 |
| 6956-1012 | 036908 | 1/2" BSP ext. thread | 40 | 25 |

## 6957 E **ISO 6150 B-PROFIL NIPPLES**

- Material: Hardened steel.

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6957-1014 | 036984 | 1/4" BSP ext. thread | 25 | 50 |
| 6957-1038 | 036991 | 3/8" BSP ext. thread | 30 | 25 |
| 6957-1012 | 037004 | 1/2" BSP ext. thread | 41 | 25 |

## 6956 H **EURO-NIPPLES**

- Material: Hardened steel.

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6956-2014 | 036915 | 1/4" (6 mm) hose con. | 14 | 50 |
| 6956-2516 | 036922 | 5/16" (8 mm) hose con. | 15 | 50 |
| 6956-2038 | 036939 | 3/8" (10 mm) hose con. | 20 | 50 |
| 6956-2012 | 036946 | 1/2" (13 mm) hose con. | 27 | 50 |

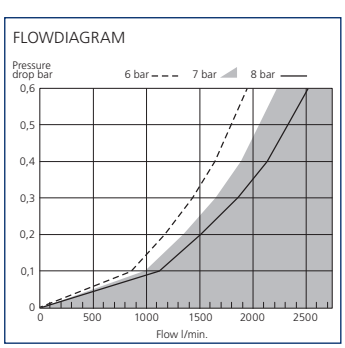
## 6957 H **ISO 6150 B-PROFIL NIPPLES**

- Material: Hardened steel.

| ITEM NO. | 5704196+ | CONNECTION | G | |
|---|---|---|---|---|
| 6957-2014 | 037011 | 1/4" (6 mm) hose con. | 15 | 50 |
| 6957-2516 | 037028 | 5/16" (8 mm) hose con. | 18 | 50 |
| 6957-2038 | 037035 | 3/8" (10 mm) hose con. | 20 | 50 |
| 6957-2012 | 037042 | 1/2" (13 mm) hose con. | 23 | 50 |

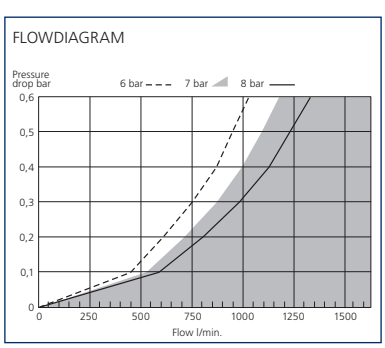
## EURO-PROFIL COUPLINGS

- EURO-profile couplings are for heavy-duty use and produced in strong and impact-resistant quality materials. Because of an optimized valve system the couplings have a low drop of pressure.
- The couplings are pressed together to prevent leaks and have an easy connecting and disconnecting – so easy that it can be done with one hand.
- Max. working pressure: 35 bar.
- Burst pressure: 150 bar.
- Operating temperature: -20°C ~ 60°C
- Flow diameter: 7,8 mm
- Standard: EURO
- Connectable with the following: Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Series C, Prevost ESC 07/ERC 07, Rectus-Tema 25, 26 and 1600.
- Material: Steel, el. galvanized.




## ISO 6150 B-PROFIL COUPLINGS

- ISO 6150 B couplings are for heavy-duty use and produced in strong and impact-resistant quality materials. Because of an optimized valve system the couplings have a low drop of pressure.
- The couplings are pressed together to prevent leaks and have an easy connecting and disconnecting – so easy that it can be done with one hand.
- Max. working pressure: 25 bar.
- Burst pressure: 150 bar.
- Operating temp.: -20°C ~ 60°C
- Flow diameter: 5,5 mm
- Standard: US-MIL-C 4109, 1/4", ISO 6150 B, 1/4"
- Connectable with the following: Atlas Copco Q8, Cejn 310, Hansen 1000, Rectus-Tema 23, 24 and many more.
- Material: Steel, el. galvanized.



# POLAR
## AIR TOOLS

## 6915 **TIRE INFLATING GUN WITH CLAMPING NIPPLE**

**ITEM NO. 6915-0001** | 5704196 029870 | 350 G | 1

- Supplied with air-escape valve and hose.

***TECHNICAL DATA:***

Hose length: 0,5 mtr. with clamping nipple Ø 63
Gauge: 0-12 Bar / 0-174 psi (class 1,6, EN 837-1)
Air inlet: 1/4"

## 6920 **BLOWGUN WITH Ø 8 MM BENT PIPE**

**ITEM NO. 6920-0001** | 5704196 029887 | 106 G | 20

- Material: Acetal plastic and stainless steel.

***TECHNICAL DATA:***

Air concumption: 380 L/min. (8 bar)
Air pressure: Max 16 bar
Air inlet: 1/4"

## 6921 **BLOWGUN WITH Ø 8 x 500 MM STRAIGHT PIPE**

**ITEM NO. 6921-0001** | 5704196 029894 | 127 G | 20

- Material: Acetal plastic and stainless steel.

***TECHNICAL DATA:***

Air concumption: 380 L/min. (8 bar)
Air pressure: Max 16 bar
Air inlet: 1/4"

## 6909 **GREASE GUN / LUBRICATION GREASE**

- Recommended for mechanical and air tool maintenance.
- Working temperature: -20° C ~ 180°C.

| ITEM NO. | 5704196+ | PRODUCT DESCRIPTION | G | |
|---|---|---|---|---|
| 6909-0001 | 031699 | Grease gun with lubrication grease | 222 | 1 |
| 6909-0002 | 031705 | Grease gun | 82 | 1 |
| 6909-0003 | 031712 | Lubrication grease (100 g) | 112 | 1 |

## 6910 A **AIRTOOL OIL**

- Reliable protection.
- Mist lubrication applications.
- Specifications and approvals: ISO 6743-11, Types PAC and PBC.

| ITEM NO. | 5704196+ | SIZE ML | G | |
|---|---|---|---|---|
| 6910-0010 | 024967 | 100 | 98 | 1 |
| 6910-0100 | 021997 | 1000 | 888 | 9 |

## 6910 **1/4" MINI OILER**

- Provides automatic lubrication of pneumatic air tools.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 6910-0014 | 021591 | 77 | 1 |

# IMPACT SOCKETS AND ACCESSORIES

*POLAR offers an extended range of impact sockets and accessories made of chrome-molybdenum steel and phosphatised finish for a stronger and more durable tool. The range includes sizes from 3/8" - 1 1/2" square and 6 - 120 mm.*

- Impact sockets.
- Bit sockets.
- Torsion bars.
- Extensions.
- Adaptors.
- Universal joints.
- Sets in metal boxes or water-resistant plastic cases.

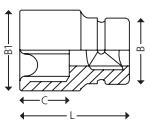
# POLAR
# IMPACT SOCKETS AND ACCESSORIES

## 3/8" IMPACT SOCKETS AND ACCESSORIES

### 6038 **3/8" 6-POINT METRIC IMPACT SOCKETS**

ISO 2725-2, DIN 3129

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6038-0006 | 023267 | 6 | 19 | 11,0 | 10 | 32 | 34 | 1 |
| 6038-0007 | 023274 | 7 | 19 | 12,5 | 12 | 32 | 34 | 1 |
| 6038-0008 | 023281 | 8 | 19 | 13,5 | 12 | 32 | 34 | 1 |
| 6038-0009 | 023298 | 9 | 19 | 14,5 | 12 | 32 | 36 | 1 |
| 6038-0010 | 023304 | 10 | 19 | 15,8 | 12 | 32 | 36 | 1 |
| 6038-0011 | 023311 | 11 | 19 | 17,0 | 12 | 32 | 36 | 1 |
| 6038-0012 | 023328 | 12 | 19 | 18,0 | 12 | 32 | 38 | 1 |
| 6038-0013 | 023335 | 13 | 22 | 19,5 | 12 | 32 | 52 | 1 |
| 6038-0014 | 023342 | 14 | 22 | 20,8 | 12 | 32 | 54 | 1 |
| 6038-0015 | 023359 | 15 | 22 | 22,0 | 10 | 32 | 57 | 1 |
| 6038-0016 | 023366 | 16 | 22 | 23,8 | 11 | 32 | 62 | 1 |
| 6038-0017 | 023373 | 17 | 22 | 25,0 | 11 | 32 | 60 | 1 |
| 6038-0018 | 023380 | 18 | 22 | 26,0 | 10 | 32 | 64 | 1 |
| 6038-0019 | 023397 | 19 | 22 | 27,8 | 10 | 32 | 73 | 1 |
| 6038-0020 | 023403 | 20 | 22 | 30,0 | 17 | 32 | 73 | 1 |
| 6038-0021 | 023410 | 21 | 22 | 30,0 | 17 | 32 | 68 | 1 |
| 6038-0022 | 023427 | 22 | 22 | 32,0 | 15 | 32 | 84 | 1 |
| 6038-0024 | 023434 | 24 | 22 | 34,0 | 16 | 32 | 74 | 1 |

### 6038 **3/8" IMPACT SOCKET SET**

- Supplied with 300 mm metal rail and 3/8" clips.

**ITEM NO. 6038-9012**

5704196 048208

654 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 12 | 6-point impact sockets | 6038 3/8" H 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm |

### 6190 TW **3/8" TWIST IMPACT SOCKET SET**

**ITEM NO. 6190-5008**

- Set in metal box with twist impact sockets from 11 to 19 mm.
- 8 tools.

3/8"

45 MM
210 MM
120 MM

5704196 027890 1,2 KG 10

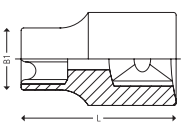
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Twist impact sockets | 6138 3/8" TW 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 mm |

### 6138 TW **3/8" METRIC IMPACT SOCKETS**

ISO 1174, DIN 3120

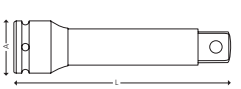
- Twist sockets for removal rounded or damaged fasteners with almost any head configuration.
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|
| 6138-5011 | 025605 | 11 | 16,0 | 32 | 34 | 1 |
| 6138-5012 | 025612 | 12 | 18,0 | 32 | 36 | 1 |
| 6138-5013 | 025629 | 13 | 18,5 | 32 | 57 | 1 |
| 6138-5014 | 025636 | 14 | 20,5 | 32 | 57 | 1 |
| 6138-5015 | 025643 | 15 | 22,0 | 32 | 57 | 1 |
| 6138-5016 | 025650 | 16 | 22,5 | 32 | 58 | 1 |
| 6138-5017 | 025667 | 17 | 24,5 | 32 | 77 | 1 |
| 6138-5019 | 025674 | 19 | 27,0 | 32 | 93 | 1 |

### 6238 EX **3/8" EXTENSIONS**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.

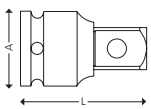


| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6238-0075 | 023625 | 75 | 19 | 85 | 1 |
| 6238-0125 | 023632 | 125 | 19 | 123 | 1 |

## 1/2" IMPACT SOCKETS AND ACCESSORIES

### 6614 A **1/4" ADAPTOR FROM 1/4" TO 3/8"**

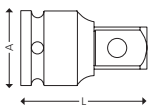
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6614-1438 | 023595 | 1/4" | 3/8" | 14 | 26 | 18 | 14 |

### 6638 A **3/8" ADAPTOR FROM 3/8" TO 1/2"**

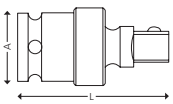
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6638-3812 | 016429 | 3/8" | 1/2" | 22 | 38 | 64 | 1 |

### 6838 U **3/8" UNIVERSAL JOINT**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6838-0038 | 023618 | 53 | 27 | 105 | 1 |

### 6038 SR **3/8" SAFETY SET**

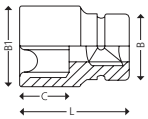
- Includes safety ring and pin.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 6038-9301 | 030203 | 6038 3/8" 6-12 mm | 2 | 1 |
| 6038-9302 | 030210 | 6038 3/8" 12-22 mm | 2 | 1 |

### 6012 **1/2" 6-POINT METRIC IMPACT SOCKETS**

ISO 2725-2, DIN 3129

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6012-0008 | 023441 | 8 | 24 | 14,0 | 15 | 38 | 55 | 1 |
| 6012-0009 | 023458 | 9 | 24 | 16,0 | 14 | 38 | 60 | 1 |
| 6012-0010 | 016054 | 10 | 25 | 17,5 | 12 | 39 | 70 | 1 |
| 6012-0011 | 016061 | 11 | 25 | 18,5 | 12 | 39 | 71 | 1 |
| 6012-0012 | 016078 | 12 | 25 | 20,0 | 12 | 39 | 72 | 1 |
| 6012-0013 | 016085 | 13 | 25 | 21,0 | 12 | 39 | 74 | 1 |
| 6012-0014 | 016092 | 14 | 25 | 22,5 | 12 | 39 | 79 | 1 |
| 6012-0015 | 016108 | 15 | 30 | 25,0 | 12 | 39 | 119 | 1 |
| 6012-0016 | 016115 | 16 | 30 | 26,0 | 12 | 39 | 121 | 1 |
| 6012-0017 | 016122 | 17 | 30 | 26,0 | 13 | 39 | 122 | 1 |
| 6012-0018 | 016139 | 18 | 30 | 27,5 | 13 | 39 | 123 | 1 |
| 6012-0019 | 016146 | 19 | 30 | 28,0 | 13 | 39 | 125 | 12 |
| 6012-0020 | 023465 | 20 | 30 | 30,0 | 15 | 38 | 120 | 12 |
| 6012-0021 | 016153 | 21 | 30 | 30,0 | 13 | 39 | 127 | 12 |
| 6012-0022 | 016160 | 22 | 30 | 32,0 | 13 | 39 | 131 | 12 |
| 6012-0023 | 023472 | 23 | 30 | 32,0 | 14 | 38 | 123 | 1 |
| 6012-0024 | 016177 | 24 | 30 | 34,0 | 20 | 39 | 175 | 12 |
| 6012-0025 | 023489 | 25 | 30 | 36,0 | 16 | 43 | 167 | 1 |
| 6012-0026 | 023496 | 26 | 30 | 36,0 | 21 | 43 | 148 | 6 |
| 6012-0027 | 016184 | 27 | 30 | 38,0 | 24 | 43 | 225 | 1 |
| 6012-0028 | 023502 | 28 | 30 | 40,0 | 22 | 47 | 200 | 1 |
| 6012-0029 | 023519 | 29 | 30 | 40,0 | 22 | 47 | 195 | 1 |
| 6012-0030 | 016191 | 30 | 30 | 42,0 | 24 | 48 | 253 | 2 |
| 6012-0032 | 016207 | 32 | 30 | 44,0 | 26 | 48 | 273 | 6 |
| 6012-0033 | 028149 | 33 | 43 | 46,0 | 28 | 48 | 281 | 1 |
| 6012-0036 | 023526 | 36 | 43 | 50,0 | 25 | 47 | 362 | 1 |
| 6012-0041 | 034386 | 41 | 38 | 56,0 | 27 | 47 | 338 | 1 |
| 6012-0046 | 034393 | 46 | 38 | 60,0 | 27 | 49 | 342 | 1 |

### 6012 A **1/2" IMPACT SOCKET SET**

- Supplied with 400 mm metal rail and 1/2" clips.

**ITEM NO. 6012-9013**

5704196 048215

1272 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | 6-point impact sockets | 6012 1/2" H 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

### 6012 B **1/2" IMPACT SOCKET SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 6012-9004**

5704196 048222 962 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | 6-point impact sockets | 6012 1/2" H 27 - 30 - 32 - 36 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

## 6090 **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 6090-1222**

- Set in watertight plastic case with 6-point impact sockets from 10 to 32 mm and accessories.
- 22 tools.

1/2"

350 MM × 80 MM × 270 MM

3,5 KG

5704196 016474

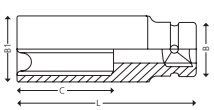
4

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 15 | 6-point sockets | 6012 1/2" 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm |
| 1 | Extension | 6212 1/2" EX 125 mm |
| 1 | Adaptor | 6638 1/2" A |
| 1 | Universal joint | 6812 1/2" U |
| 2 | Safety set | 6012 1/2" SR 8 - 14 mm / 15 - 32 mm |

## 6012 L **1/2" 6-POINT LONG METRIC IMPACT SOCKETS**

- Surface: Phosphatised finish. Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6012-4010 | 016214 | 10 | 24 | 17,5 | 14 | 78 | 154 | 1 |
| 6012-4011 | 016221 | 11 | 24 | 18,5 | 14 | 78 | 163 | 1 |
| 6012-4012 | 016238 | 12 | 24 | 20,0 | 14 | 78 | 169 | 1 |
| 6012-4013 | 016245 | 13 | 24 | 21,0 | 14 | 78 | 185 | 10 |
| 6012-4014 | 016252 | 14 | 24 | 22,0 | 17 | 78 | 201 | 1 |
| 6012-4015 | 016269 | 15 | 24 | 24,0 | 17 | 78 | 213 | 1 |
| 6012-4016 | 016276 | 16 | 24 | 24,0 | 17 | 78 | 224 | 12 |
| 6012-4017 | 016283 | 17 | 26 | 26,0 | 17 | 78 | 252 | 12 |
| 6012-4018 | 016290 | 18 | 28 | 28,0 | 17 | 78 | 283 | 1 |
| 6012-4019 | 016306 | 19 | 28 | 28,0 | 19 | 78 | 268 | 12 |
| 6012-4020 | 023533 | 20 | 30 | 30,0 | 24 | 78 | 247 | 1 |
| 6012-4021 | 016313 | 21 | 30 | 30,0 | 24 | 78 | 310 | 12 |
| 6012-4022 | 016320 | 22 | 30 | 32,0 | 24 | 78 | 302 | 12 |
| 6012-4023 | 023540 | 23 | 30 | 32,0 | 26 | 78 | 256 | 1 |
| 6012-4024 | 016337 | 24 | 30 | 34,0 | 24 | 78 | 309 | 12 |
| 6012-4025 | 023557 | 25 | 30 | 36,0 | 35 | 78 | 296 | 1 |
| 6012-4026 | 023564 | 26 | 30 | 36,0 | 35 | 78 | 280 | 1 |
| 6012-4027 | 016344 | 27 | 30 | 38,0 | 24 | 78 | 325 | 6 |
| 6012-4028 | 023571 | 28 | 30 | 40,0 | 35 | 78 | 316 | 1 |
| 6012-4029 | 023588 | 29 | 30 | 40,0 | 35 | 78 | 355 | 1 |
| 6012-4030 | 016351 | 30 | 30 | 42,0 | 24 | 78 | 352 | 1 |
| 6012-4032 | 016368 | 32 | 30 | 44,0 | 24 | 78 | 317 | 6 |
| 6012-4033 | 042367 | 33 | 30 | 46,0 | 50 | 78 | 430 | 5 |
| 6012-4036 | 034409 | 36 | 38 | 50,0 | 50 | 78 | 512 | 1 |
| 6012-4041 | 034416 | 41 | 38 | 56,0 | 50 | 78 | 588 | 1 |
| 6012-4046 | 034423 | 46 | 43 | 60,0 | 48 | 78 | 704 | 1 |

## 6012 AL **1/2" IMPACT SOCKET SET**

- Supplied with 400 mm metal rail and 1/2" clips.

**ITEM NO. 6012-9113**

5704196 048239

2254 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | Long 6-point impact sockets | 6012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm |

## 6012 BL **1/2" IMPACT SOCKET SET**

- Supplied with 250 mm metal rail and 1/2" clips.

**ITEM NO. 6012-9104**

5704196 048246

1672 G

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | Long 6-point impact sockets | 6012 1/2" L 27 - 30 - 32 - 36 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

## 6090 L **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 6090-1220**

- Set in watertight plastic case with 6-point long impact sockets from 10 to 32 mm and accessories.
- 20 tools.

1/2"

420 MM × 310 MM × 80 MM

4,6 KG

5704196 016481

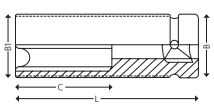
3

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 15 | Long 6-point sockets | 6012 1/2" L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm |
| 1 | Extension | 6212 1/2" EX 125 mm |
| 2 | Safety set | 6012 1/2" SR 8 - 14 mm / 15 - 32 mm |

## 6012 LT **1/2" 6-POINT LONG METRIC IMPACT SOCKETS**

- Model with thin walls for wheel nuts.
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6012-4115 | 023649 | 15 | 28 | 27,0 | 24 | 85 | 185 | 1 |
| 6012-4117 | 016375 | 17 | 30 | 24,0 | 24 | 85 | 240 | 10 |
| 6012-4119 | 016382 | 19 | 30 | 26,0 | 24 | 85 | 259 | 10 |
| 6012-4121 | 016399 | 21 | 30 | 28,0 | 24 | 85 | 270 | 1 |
| 6012-4122 | 016405 | 22 | 30 | 29,5 | 24 | 85 | 296 | 1 |
| 6012-4124 | 023656 | 24 | 33 | 31,0 | 24 | 85 | 303 | 1 |
| 6012-4127 | 023663 | 27 | 37 | 35,0 | 28 | 85 | 406 | 1 |

## 6090 LT **1/2" METRIC SOCKET WRENCH SET**

**ITEM NO. 6090-1204**

- Set in metal box with 6-point long impact sockets with thin walls for wheel nuts.
- 6 tools.

1/2"

212 MM × 112 MM × 52 MM

1,5 KG

5704196 016467

10

*CONTENT:*

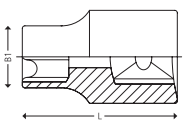
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 4 | Long thinwalled 6-point sockets | 6012 1/2" LT 17 - 19 - 21 - 22 mm |
| 1 | Safety set | 6012 1/2" SR 15 - 32 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

### 6112 TW **1/2" METRIC IMPACT SOCKETS**

ISO 1174, DIN 3120

- Twist sockets for removal rounded or damaged fasteners with almost any head configuration.
- Surface: Phosphatised finish.
- Material: Chrome-molybdenun steel.

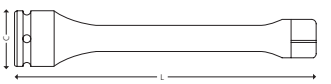


| ITEM NO. | 5704196+ | SIZE MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|
| 6112-5010 | 025476 | 10 | 16,0 | 34 | 43 | 10 |
| 6112-5011 | 025483 | 11 | 18,0 | 34 | 47 | 10 |
| 6112-5012 | 025490 | 12 | 18,5 | 34 | 49 | 10 |
| 6112-5013 | 025506 | 13 | 20,5 | 34 | 53 | 10 |
| 6112-5014 | 025513 | 14 | 22,0 | 34 | 70 | 10 |
| 6112-5015 | 025520 | 15 | 22,4 | 34 | 70 | 10 |
| 6112-5016 | 025537 | 16 | 23,5 | 34 | 71 | 10 |
| 6112-5017 | 025544 | 17 | 25,5 | 34 | 81 | 10 |
| 6112-5018 | 025551 | 18 | 26,5 | 34 | 91 | 10 |
| 6112-5019 | 025568 | 19 | 27,5 | 34 | 93 | 10 |
| 6112-5021 | 025575 | 21 | 29,5 | 34 | 94 | 10 |
| 6112-5024 | 025582 | 24 | 33,0 | 34 | 112 | 10 |
| 6112-5027 | 025599 | 27 | 37,0 | 34 | 116 | 10 |

### 6112 TB **1/2" IMPACT TORSION BARS**

ISO 1174, DIN 3120

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.




| ITEM NO. | 5704196+ | MAX. NM | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 6112-6090 | 025681 | 90 | 25 | 200 | 172 | 1 |
| 6112-6100 | 025698 | 100 | 25 | 200 | 215 | 1 |
| 6112-6120 | 025704 | 120 | 25 | 200 | 200 | 1 |
| 6112-6135 | 025711 | 135 | 25 | 200 | 214 | 1 |
| 6112-6150 | 025728 | 150 | 25 | 200 | 259 | 1 |

### 6190 TW **1/2" TWIST IMPACT SOCKET SET**

**ITEM NO. 6190-5013**

- Set in metal box with twist impact sockets from 10 to 27 mm.
- 13 tools.

1/2"

210 MM × 45 MM × 120 MM

1,7 KG

5704196 025759

10

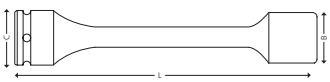
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 13 | Twist impact sockets | 6112 1/2" TW 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 24 - 27 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

## 6112 TBS **1/2" TORSION BARS WITH HEX SOCKET**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.




| ITEM NO. | 5704196+ | CAPACITY NM | SIZE MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6112-6170 | 027913 | 90 | 17 | 26 | 25 | 200 | 216 | 1 |
| 6112-6171 | 027920 | 120 | 17 | 26 | 25 | 200 | 244 | 1 |
| 6112-6191 | 027937 | 90 | 19 | 28 | 25 | 200 | 219 | 1 |
| 6112-6192 | 027944 | 120 | 19 | 28 | 25 | 200 | 247 | 1 |
| 6112-6193 | 027951 | 135 | 19 | 28 | 25 | 200 | 261 | 1 |
| 6112-6210 | 027968 | 120 | 21 | 30 | 25 | 200 | 251 | 1 |
| 6112-6220 | 027975 | 135 | 21 | 32 | 25 | 200 | 267 | 1 |

## 6190 **1/2" IMPACT TORSION BAR SET**

- Supplied in nylon bag.

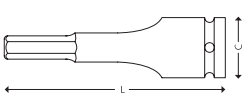
**16 SIZES IN ONE SET**

**8 TOOLS**

| ITEM NO. | 5704196+ | QTY. | DESCRIPTION | SIZE | KG | |
|---|---|---|---|---|---|---|
| 6190-6008 | 027661 | 4 | Impact sockets | 6012 17 - 19 - 21 - 22 mm | 1,3 | 10 |
| | | 4 | Impact torsion bars | 6112 TB 90 - 100 - 120 - 135 Nm | | |

## 6112 H **1/2" IMPACT SOCKET DRIVERS, HEX HEAD SCREWS**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 6112-2005 | 023670 | 5 | 25 | 78 | 96 | 10 |
| 6112-2006 | 023687 | 6 | 25 | 78 | 97 | 10 |
| 6112-2008 | 023694 | 8 | 25 | 78 | 102 | 10 |
| 6112-2010 | 023700 | 10 | 25 | 78 | 108 | 10 |
| 6112-2012 | 023717 | 12 | 25 | 78 | 125 | 10 |
| 6112-2014 | 023724 | 14 | 25 | 78 | 145 | 10 |
| 6112-2017 | 023731 | 17 | 25 | 78 | 182 | 10 |
| 6112-2019 | 023748 | 19 | 25 | 78 | 210 | 10 |

## 6190 H **1/2" IMPACT SOCKET DRIVER SET FOR 6-POINT SCREWS**

**ITEM NO. 6190-2008**

- Set in metal box with impact socket drivers for 6-point screws from 5 to 19 mm
- 8 tools.

1/2"

210 MM × 45 MM × 120 MM

1,8 KG

5704196 025742

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | Impact socket drivers | 6112 1/2" H 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 mm |

**8 TOOLS**

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

### 6112 TX **1/2" IMPACT SOCKET DRIVERS, TORX® SCREWS**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.

| ITEM NO. | 5704196+ | TORX® NO. | MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6112-1030 | 023755 | T30 | 5,52 | 25 | 78 | 77 | 10 |
| 6112-1040 | 023762 | T40 | 6,65 | 25 | 78 | 81 | 10 |
| 6112-1045 | 023779 | T45 | 7,82 | 25 | 78 | 85 | 10 |
| 6112-1050 | 023786 | T50 | 8,83 | 25 | 78 | 89 | 10 |
| 6112-1055 | 023793 | T55 | 11,22 | 25 | 78 | 107 | 10 |
| 6112-1060 | 023809 | T60 | 13,25 | 25 | 78 | 119 | 10 |

### 6112 X **1/2" IMPACT SOCKET DRIVERS, XZN® SCREWS**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.

| ITEM NO. | 5704196+ | SIZE | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 6112-4005 | 023816 | M5 | 25 | 78 | 79 | 10 |
| 6112-4006 | 023823 | M6 | 25 | 78 | 83 | 10 |
| 6112-4008 | 023830 | M8 | 25 | 78 | 84 | 10 |
| 6112-4010 | 023847 | M10 | 25 | 78 | 100 | 10 |
| 6112-4012 | 023854 | M10 | 25 | 78 | 105 | 10 |
| 6112-4014 | 023861 | M14 | 25 | 78 | 117 | 10 |
| 6112-4016 | 023878 | M16 | 25 | 78 | 136 | 10 |

### 6190 TX **1/2" IMPACT SOCKET DRIVER SET FOR TORX® SCREWS**

**ITEM NO. 6190-1006**

- Set in metal box with impact socket drivers for Torx® screws from T30 to T60.
- 6 tools.

1/2"

210 MM × 45 MM × 120 MM

1,3 KG

5704196 025735

10

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 6 | Impact socket drivers | 6112 1/2" TX T30 - T40 - T45 - T50 - T55 - T60 |

### 6190 XZN **1/2" IMPACT SOCKET DRIVER SET FOR XZN® SCREWS**

**ITEM NO. 6190-4007**

- Set in metal box with impact socket drivers for XZN® screws from 5 to 16 mm.
- 7 tools.

1/2"

210 MM × 45 MM × 120 MM

1,4 KG

5704196 027906

10

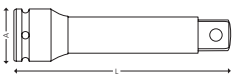
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 7 | Impact socket drivers | 6112 1/2" XZN 5 - 6 - 8 - 10 - 12 - 14 - 16 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

### 6212 EX **1/2" EXTENSIONS**

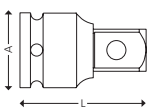
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6212-0075 | 016443 | 75 | 24 | 138 | 1 |
| 6212-0125 | 016450 | 125 | 24 | 215 | 1 |

### 6612 A **1/2" ADAPTOR FROM 1/2" TO 3/4"**

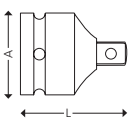
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6612-1234 | 024219 | 1/2" | 3/4" | 30 | 48 | 165 | 12 |

### 6712 A **1/2" ADAPTOR FROM 1/2" TO 3/8"**

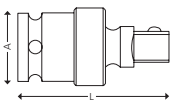
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6712-1238 | 023601 | 1/2" | 3/8" | 25 | 38 | 60 | 12 |

### 6812 U **1/2" UNIVERSAL JOINT**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6812-0012 | 016436 | 65 | 28 | 205 | 10 |

### 6012 SR **1/2" SAFETY SET**

- Includes safety ring and pin.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 6012-9301 | 016498 | 6012 1/2" 8 - 14 mm | 3 | 1 |
| 6012-9302 | 016504 | 6012 1/2" 15 - 32 mm | 4 | 1 |

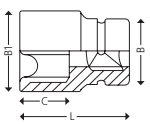
# POLAR
## IMPACT SOCKETS AND ACCESSORIES

### 3/4" IMPACT SOCKETS AND ACCESSORIES

## 6034 **3/4" 6-POINT METRIC IMPACT SOCKETS**

ISO 2725-2, DIN 3129

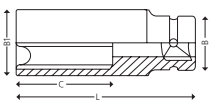
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6034-0017 | 023885 | 17 | 38 | 30,0 | 17 | 51 | 230 | 1 |
| 6034-0019 | 023908 | 19 | 38 | 32,0 | 18 | 52 | 240 | 1 |
| 6034-0021 | 023922 | 21 | 38 | 35,0 | 18 | 52 | 258 | 1 |
| 6034-0022 | 023939 | 22 | 38 | 35,0 | 18 | 52 | 258 | 1 |
| 6034-0024 | 023953 | 24 | 38 | 38,0 | 18 | 52 | 273 | 1 |
| 6034-0027 | 023984 | 27 | 40 | 40,0 | 28 | 52 | 283 | 1 |
| 6034-0028 | 023991 | 28 | 40 | 40,0 | 28 | 52 | 271 | 1 |
| 6034-0029 | 028583 | 29 | 42 | 42,0 | 28 | 52 | 287 | 1 |
| 6034-0030 | 024004 | 30 | 44 | 44,0 | 28 | 52 | 360 | 1 |
| 6034-0032 | 024011 | 32 | 44 | 48,0 | 31 | 56 | 443 | 1 |
| 6034-0033 | 024028 | 33 | 44 | 48,0 | 32 | 56 | 420 | 1 |
| 6034-0034 | 024035 | 34 | 44 | 52,0 | 29 | 56 | 490 | 1 |
| 6034-0036 | 024042 | 36 | 44 | 52,0 | 32 | 56 | 465 | 1 |
| 6034-0038 | 024059 | 38 | 44 | 56,0 | 32 | 56 | 530 | 1 |
| 6034-0041 | 024066 | 41 | 44 | 60,0 | 28 | 56 | 575 | 1 |
| 6034-0044 | 043319 | 44 | 44 | 64,0 | 30 | 61 | 690 | 1 |
| 6034-0046 | 024073 | 46 | 44 | 67,0 | 28 | 61 | 720 | 1 |
| 6034-0050 | 024080 | 50 | 54 | 71,0 | 42 | 72 | 1050 | 1 |
| 6034-0055 | 024097 | 55 | 54 | 77,0 | 40 | 74 | 1220 | 1 |
| 6034-0060 | 024103 | 60 | 54 | 84,0 | 40 | 74 | 1385 | 1 |

## 6034 L **3/4" 6-POINT LONG METRIC IMPACT SOCKETS**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6034-4017 | 034355 | 17 | 44 | 30,0 | 25 | 90 | 580 | 1 |
| 6034-4019 | 034362 | 19 | 44 | 33,0 | 26 | 90 | 600 | 1 |
| 6034-4021 | 034379 | 21 | 44 | 35,0 | 32 | 90 | 610 | 1 |
| 6034-4022 | 024110 | 22 | 44 | 37,0 | 32 | 90 | 640 | 1 |
| 6034-4024 | 024127 | 24 | 44 | 39,0 | 36 | 90 | 655 | 1 |
| 6034-4027 | 024134 | 27 | 44 | 43,0 | 57 | 90 | 615 | 1 |
| 6034-4030 | 024141 | 30 | 44 | 46,0 | 57 | 90 | 665 | 1 |
| 6034-4032 | 024158 | 32 | 44 | 49,0 | 57 | 90 | 720 | 1 |
| 6034-4033 | 024165 | 33 | 44 | 51,0 | 57 | 90 | 760 | 1 |
| 6034-4036 | 024172 | 36 | 44 | 54,0 | 57 | 90 | 830 | 1 |
| 6034-4041 | 024189 | 41 | 44 | 60,0 | 57 | 92 | 935 | 1 |
| 6034-4044 | 043326 | 44 | 44 | 64,0 | 52 | 90 | 1051 | 1 |

## 6090 **3/4" METRIC SOCKET WRENCH SET**

**ITEM NO. 6090-3410**

- Set in watertight plastic case with 6-point impact sockets from 22 to 36 mm.
- 10 tools.

3/4"

350 MM × 80 MM × 290 MM

5704196 025766 | 4,4 KG | 4

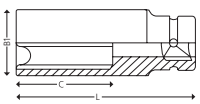
*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 10 | 6-point impact sockets | 6034 3/4" 22 - 24 - 27 - 28 - 29 - 30 - 32 - 33 - 34 - 36 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

## 6034 LT **3/4" 6-POINT LONG METRIC IMPACT SOCKETS**

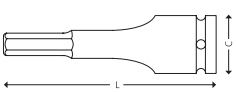
- Model with thin walls for wheel nuts.
- Surface: Phosphatised finish.
- Material: Chrome-molybdenun steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6034-4119 | 024240 | 19 | 44 | 29,0 | 41 | 90 | 550 | 1 |
| 6034-4122 | 024257 | 22 | 44 | 34,0 | 35 | 90 | 585 | 1 |
| 6034-4124 | 024264 | 24 | 44 | 37,0 | 37 | 90 | 620 | 1 |
| 6034-4127 | 024271 | 27 | 44 | 41,0 | 60 | 90 | 575 | 1 |
| 6034-4130 | 024288 | 30 | 44 | 44,0 | 56 | 90 | 575 | 1 |
| 6034-4132 | 024295 | 32 | 44 | 47,0 | 56 | 90 | 635 | 1 |
| 6034-4133 | 024301 | 33 | 44 | 48,0 | 56 | 90 | 655 | 1 |
| 6034-4136 | 024318 | 36 | 44 | 52,0 | 53 | 90 | 735 | 1 |

## 6134 H **3/4" IMPACT SOCKET DRIVERS, HEX HEAD SCREWS**

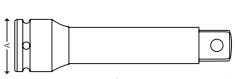
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 6134-2017 | 029375 | 17 | 44 | 89 | 445 | 1 |
| 6134-2019 | 029382 | 19 | 44 | 89 | 506 | 1 |
| 6134-2020 | 029399 | 20 | 44 | 89 | 488 | 1 |
| 6134-2021 | 029405 | 21 | 44 | 89 | 534 | 1 |
| 6134-2022 | 029412 | 22 | 44 | 89 | 548 | 1 |
| 6134-2024 | 029429 | 24 | 44 | 89 | 586 | 1 |

## 6234 EX **3/4" EXTENSIONS**

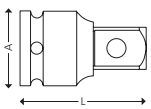
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6234-0100 | 024196 | 100 | 44 | 560 | 1 |
| 6234-0250 | 024202 | 250 | 44 | 1110 | 1 |

## 6634 A **3/4" ADAPTOR FROM 3/4" TO 1"**

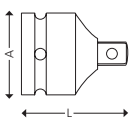
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6634-3401 | 024677 | 3/4" | 1" | 44 | 63 | 430 | 1 |

## 6734 A **3/4" ADAPTOR FROM 3/4" TO 1/2"**

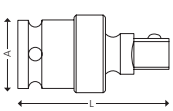
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6734-3412 | 016412 | 3/4" | 1/2" | 44 | 56 | 305 | 1 |

## 6834 U **3/4" UNIVERSAL JOINT**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6834-0034 | 024233 | 90 | 44 | 650 | 1 |

## 6034 SR **3/4" SAFETY SET**

- Includes safety ring and pin.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 6034-9301 | 030227 | 6034 3/4" 17 - 49 mm | 7 | 1 |
| 6034-9302 | 030234 | 6034 3/4" 50 - 70 mm | 9 | 1 |

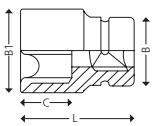
# POLAR
# IMPACT SOCKETS AND ACCESSORIES

## 1" IMPACT SOCKETS AND ACCESSORIES

### 6001 **1" 6-POINT METRIC IMPACT SOCKETS**

ISO 2725-2, DIN 3129

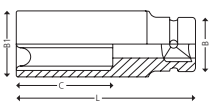
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.




| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6001-0024 | 024325 | 24 | 54 | 42,0 | 16 | 58 | 555 | 1 |
| 6001-0027 | 024332 | 27 | 54 | 45,0 | 16 | 58 | 575 | 1 |
| 6001-0028 | 028156 | 28 | 54 | 47,0 | 16 | 58 | 590 | 1 |
| 6001-0030 | 024349 | 30 | 54 | 49,0 | 19 | 60 | 627 | 1 |
| 6001-0032 | 024356 | 32 | 54 | 52,0 | 19 | 60 | 660 | 1 |
| 6001-0033 | 024363 | 33 | 54 | 52,0 | 19 | 61 | 675 | 1 |
| 6001-0034 | 028163 | 34 | 54 | 54,0 | 22 | 61 | 692 | 1 |
| 6001-0035 | 028170 | 35 | 54 | 56,0 | 25 | 61 | 725 | 1 |
| 6001-0036 | 024387 | 36 | 54 | 57,0 | 27 | 65 | 740 | 1 |
| 6001-0038 | 028187 | 38 | 54 | 60,0 | 27 | 65 | 775 | 1 |
| 6001-0041 | 024394 | 41 | 54 | 63,0 | 27 | 65 | 835 | 1 |
| 6001-0046 | 024400 | 46 | 54 | 69,0 | 32 | 74 | 1090 | 1 |
| 6001-0050 | 024417 | 50 | 54 | 74,0 | 32 | 74 | 1215 | 1 |
| 6001-0055 | 024424 | 55 | 54 | 80,0 | 42 | 85 | 1530 | 1 |
| 6001-0060 | 024431 | 60 | 54 | 87,0 | 46 | 90 | 1810 | 1 |
| 6001-0065 | 024448 | 65 | 54 | 93,0 | 46 | 93 | 2065 | 1 |
| 6001-0070 | 024455 | 70 | 54 | 100,0 | 52 | 98 | 2320 | 1 |

### 6001 L **1" 6-POINT LONG METRIC IMPACT SOCKETS**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.




| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6001-4024 | 024462 | 24 | 54 | 42,0 | 38 | 90 | 880 | 1 |
| 6001-4027 | 024479 | 27 | 54 | 45,0 | 40 | 90 | 905 | 1 |
| 6001-4030 | 024486 | 30 | 54 | 50,0 | 42 | 90 | 955 | 1 |
| 6001-4032 | 024493 | 32 | 54 | 52,0 | 43 | 90 | 975 | 1 |
| 6001-4033 | 024509 | 33 | 54 | 53,0 | 41 | 90 | 1000 | 1 |
| 6001-4036 | 024523 | 36 | 54 | 57,0 | 53 | 90 | 1010 | 1 |
| 6001-4041 | 024530 | 41 | 54 | 63,0 | 50 | 90 | 1170 | 1 |
| 6001-4046 | 024547 | 46 | 54 | 69,0 | 64 | 100 | 1485 | 1 |
| 6001-4050 | 024554 | 50 | 54 | 74,0 | 57 | 100 | 1645 | 1 |
| 6001-4055 | 024561 | 55 | 54 | 81,0 | 59 | 100 | 1800 | 1 |
| 6001-4060 | 024578 | 60 | 54 | 87,0 | 75 | 120 | 2450 | 1 |
| 6001-4065 | 024585 | 65 | 54 | 93,0 | 78 | 120 | 2500 | 1 |
| 6001-4070 | 024592 | 70 | 54 | 98,0 | 81 | 125 | 3050 | 1 |

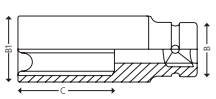
### 6001 SR **1" SAFETY SET**

- Includes safety ring and pin.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 6001-9301 | 030241 | 6001 1" 17 - 70 mm | 15 | 1 |

### 6001 LT **1" 6-POINT LONG METRIC IMPACT SOCKETS**

- Model with thin walls for wheel nuts.
- Surface: Phosphatised finish.
- Material: Chrome-molybdenun steel.




| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6001-4127 | 024608 | 27 | 54 | 42,0 | 42 | 90 | 830 | 1 |
| 6001-4130 | 024615 | 30 | 54 | 45,0 | 49 | 90 | 810 | 1 |
| 6001-4132 | 024622 | 32 | 54 | 47,0 | 41 | 90 | 850 | 1 |
| 6001-4133 | 024639 | 33 | 54 | 49,0 | 42 | 90 | 895 | 1 |
| 6001-4136 | 024646 | 36 | 54 | 52,0 | 52 | 90 | 820 | 1 |

### 6090 **1" METRIC SOCKET WRENCH SET**

**ITEM NO. 6090-0108**

- Set in watertight plastic case with 6-point impact sockets from 24 to 46 mm.
- 8 tools.

1"

350 MM × 80 MM × 290 MM

6,6 KG

5704196 028057

4

*CONTENT:*

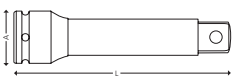
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 8 | 6-point impact sockets | 6001 1" 24 - 27 - 30 - 32 - 33 - 36 - 41 - 46 mm |

# POLAR
## IMPACT SOCKETS AND ACCESSORIES

1½" IMPACT SOCKETS AND ACCESSORIES

### 6201 EX **1" EXTENSIONS**

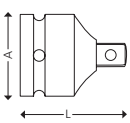
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6201-0175 | 024653 | 175 | 54 | 1410 | 1 |
| 6201-0325 | 024660 | 325 | 54 | 2400 | 1 |

### 6701 A **1" ADAPTOR FROM 1" TO 3/4"**

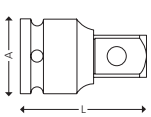
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6701-0134 | 024226 | 1" | 3/4" | 54 | 72 | 610 | 1 |

### 6601 A **1" ADAPTOR FROM 1" TO 1½"**

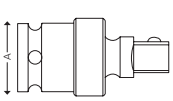
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6601-0115 | 024868 | 1" | 1 1/2" | 54 | 90 | 1065 | 1 |

### 6801 U **1" UNIVERSAL JOINT**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.

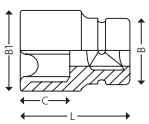


| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 6801-0001 | 024691 | 110 | 54 | 1320 | 1 |

### 6015 **1½" 6-POINT METRIC IMPACT SOCKETS**

ISO 2725-2, DIN 3129

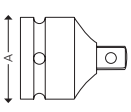
- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 6015-0046 | 024707 | 46 | 86 | 74,0 | 29 | 84 | 2200 | 1 |
| 6015-0050 | 024714 | 50 | 86 | 79,0 | 35 | 84 | 2150 | 1 |
| 6015-0055 | 024721 | 55 | 86 | 86,0 | 35 | 90 | 2500 | 1 |
| 6015-0060 | 024738 | 60 | 86 | 92,0 | 43 | 90 | 2550 | 1 |
| 6015-0065 | 024745 | 65 | 86 | 98,0 | 45 | 95 | 2900 | 1 |
| 6015-0070 | 024752 | 70 | 86 | 104,0 | 47 | 100 | 3250 | 1 |
| 6015-0075 | 024769 | 75 | 86 | 110,0 | 48 | 110 | 4050 | 1 |
| 6015-0080 | 024776 | 80 | 86 | 116,0 | 54 | 110 | 4100 | 1 |
| 6015-0085 | 024783 | 85 | 86 | 122,0 | 54 | 110 | 4400 | 1 |
| 6015-0090 | 024790 | 90 | 86 | 130,0 | 57 | 112 | 4950 | 1 |
| 6015-0095 | 024806 | 95 | 95 | 135,0 | 62 | 112 | 5150 | 1 |
| 6015-0100 | 024813 | 100 | 95 | 140,0 | 58 | 115 | 5800 | 1 |
| 6015-0105 | 024820 | 105 | 95 | 148,0 | 65 | 120 | 6350 | 1 |
| 6015-0110 | 024837 | 110 | 95 | 154,0 | 70 | 125 | 7300 | 1 |
| 6015-0115 | 024844 | 115 | 95 | 160,0 | 65 | 130 | 7800 | 1 |
| 6015-0120 | 024851 | 120 | 127 | 165,0 | 67 | 135 | 11950 | 1 |

### 6715 A **1½" ADAPTOR FROM 1½" TO 1"**

- Surface: Phosphatised finish.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | | | A MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 6715-1501 | 024684 | 1 1/2" | 1" | 86 | 100 | 1865 | 1 |

### 6015 SR **1½" SAFETY SET**

- Includes safety ring and pin.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 6015-9301 | 030265 | 6015 1½" 30 - 90 mm | 37 | 1 |
| 6015-9302 | 030395 | 6015 1½" 95 - 115 mm | 37 | 1 |
| 6015-9303 | 030401 | 6015 1½" 120 - 155 mm | 48 | 1 |

# STRIKING TOOLS

*POLAR offers a wide range of striking tools made of carbon steel and high grade chrome-molybdenum steel. Precision heat treatment and the carefully machined parts are made for optimum performance and to enhance your safety.*

- Ball pein hammers.
- Claw hammers.
- Mechanics hammers.
- Sledge hammers.
- Dead-blow hammers.
- Engineers sledge hammers.
- Hammers with interchangeable tips.
- Copper hammers.
- Pin punches.
- Taper punches.
- Center punches.
- Cape chisels.
- Flat chisels.
- Wood chisels.

*Precision heat treatment.*

*"One piece" construction delivers increased strength.*

*Ergonomic comfort handle.*

## 8010 **BALL PEIN HAMMERS**

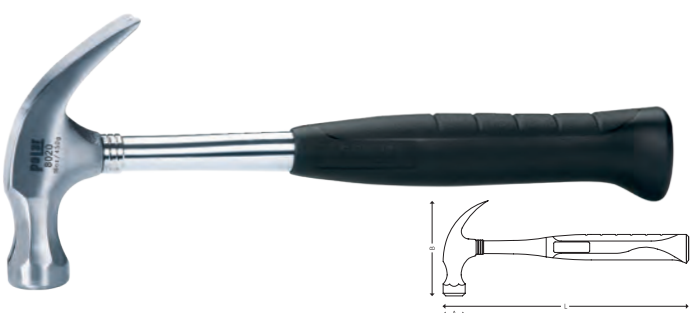
ISO 15601

- Model with round flat head and ball shaped pein. Hickory handle.
- Surface: Polished and enamelled. Material: Forged carbon steel head.

| ITEM NO. | 5704196+ | GRAMS | OZ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|---|
| 8010-0230 | 009094 | 225 | 8 | 27 | 24 | 82 | 295 | 355 | 6 | 612502 |
| 8010-0340 | 009100 | 340 | 12 | 31 | 25 | 94 | 297 | 495 | 6 | 612503 |
| 8010-0450 | 009117 | 450 | 16 | 33 | 30 | 104 | 344 | 645 | 6 | 612504 |
| 8010-0680 | 009124 | 675 | 24 | 36 | 31 | 121 | 397 | 940 | 6 | 612506 |
| 8010-0900 | 009131 | 900 | 32 | 40 | 34 | 127 | 397 | 1280 | 6 | 612507 |

## 8020 T **CLAW HAMMER**

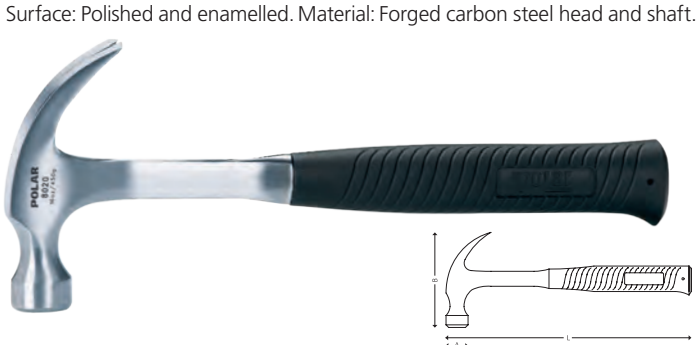
- Round flat head and curved claw. Tubular steel shaft with rubber handle.
- Surface: Polished and enamelled. Material: Forged carbon steel head.



| ITEM NO. | 5704196+ | GRAMS | OZ | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 8020-0450 | 009063 | 450 | 16 | 30 | 127 | 325 | 765 | 6 | 612607 |

## 8020 S **CLAW HAMMER**

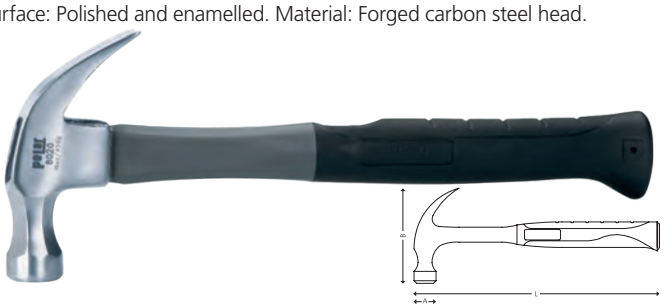
- Model with round flat head and curved claw.
- "One Piece" steel shaft with rubber handle.
- Surface: Polished and enamelled. Material: Forged carbon steel head and shaft.



| ITEM NO. | 5704196+ | GRAMS | OZ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 8020-1450 | 009070 | 450 | 16 | 30 | 127 | 330 | 760 | 6 |

## 8020 F **CLAW HAMMER**

- Model with round flat head and curved claw.
- Fiberglass shaft with rubber handle.
- Surface: Polished and enamelled. Material: Forged carbon steel head.

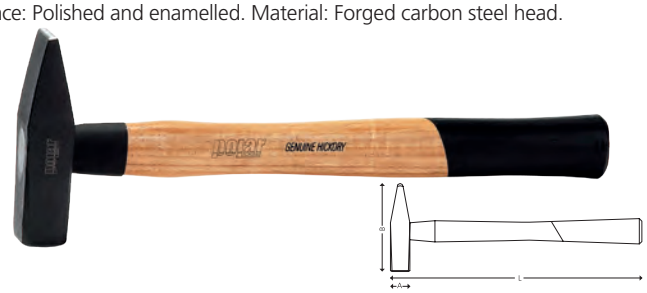


| ITEM NO. | 5704196+ | GRAMS | OZ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 8020-2450 | 009087 | 450 | 16 | 30 | 127 | 337 | 760 | 6 |

## 8030 **MECHANICS HAMMERS**

ISO 15601, DIN 1041

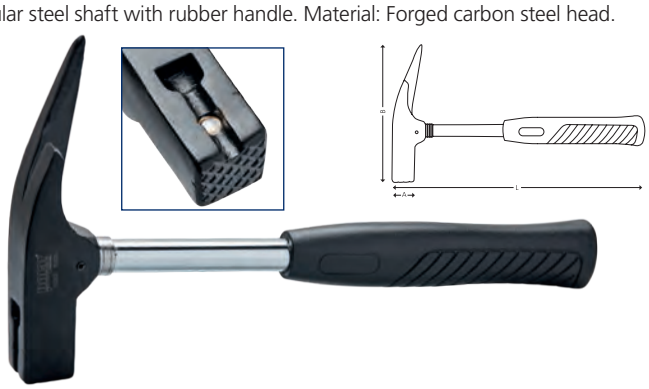
- Model with Hickory handle and steel protection.
- Surface: Polished and enamelled. Material: Forged carbon steel head.



| ITEM NO. | 5704196+ | GRAMS | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8030-0100 | 009162 | 100 | 15 | 82 | 260 | 173 | 10 |
| 8030-0200 | 012964 | 200 | 19 | 95 | 280 | 271 | 10 |
| 8030-0300 | 009148 | 300 | 23 | 105 | 300 | 448 | 10 |
| 8030-0500 | 009155 | 500 | 27 | 118 | 320 | 652 | 10 |
| 8030-0800 | 012971 | 800 | 33 | 130 | 350 | 1054 | 10 |
| 8030-1000 | 012988 | 1000 | 34 | 134 | 360 | 1228 | 4 |
| 8030-1500 | 012995 | 1500 | 43 | 147 | 380 | 1847 | 4 |
| 8030-2000 | 013008 | 2000 | 45 | 155 | 400 | 2112 | 6 |

## 8022 **CARPENTER HAMMER WITH MAGNET**

- Model with magnetic nailholder.
- Tubular steel shaft with rubber handle. Material: Forged carbon steel head.



| ITEM NO. | 5704196+ | GRAMS | OZ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 8022-0600 | 037905 | 600 | | 26 | 170 | 320 | 910 | 6 |

# POLAR
## STRIKING TOOLS

## 8040 **SLEDGE HAMMERS**

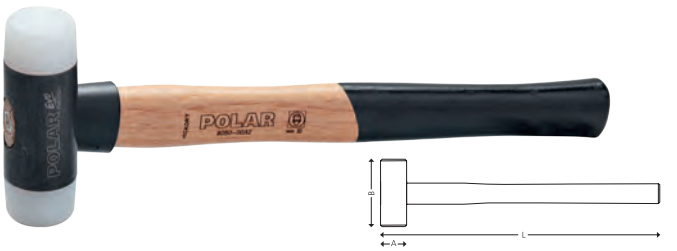
ISO 15601, DIN 6475

- Model with Hickory handle and steel protection.
- Surface: Polished and enamelled. Material: Forged carbon steel head.

| ITEM NO. | 5704196+ | GRAMS | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8040-1000 | 009001 | 1000 | 40 | 95 | 260 | 1233 | 6 | 612521 |
| 8040-1250 | 009018 | 1250 | 43 | 100 | 260 | 1375 | 6 | 612522 |
| 8040-1500 | 009025 | 1500 | 45 | 110 | 275 | 1642 | 4 | 612523 |
| 8040-2000 | 009032 | 2000 | 50 | 120 | 300 | 2327 | 4 | 612524 |

## 8050 **HAMMER WITH NYLON TIPS**

- Surface: Hickory handle double curved, transparent lacquered.
- Material: Steelhead fixed with round wedge.
- Interchangeable tips: Nylon, white SHORE 100.




| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | INTERCHANGEABLE TIPS ITEM NO. (1 PCS.) |
|---|---|---|---|---|---|---|---|
| 8050-0022 | 038643 | 22 | 75 | 280 | 175 | 6 | P8050-0022 |
| 8050-0027 | 038650 | 27 | 89 | 300 | 279 | 6 | P8050-0027 |
| 8050-0032 | 038667 | 32 | 93 | 300 | 377 | 6 | P8050-0032 |
| 8050-0040 | 038674 | 40 | 111 | 320 | 636 | 6 | P8050-0040 |
| 8050-0050 | 038681 | 50 | 115 | 320 | 927 | 6 | P8050-0050 |

## 8047 **COPPER HAMMERS**

- For work in non-sparking environment.
- Surface: Hickory handle double curved, transparent lacquered.
- Material: Copperhead fixed with round wedge.

| ITEM NO. | 5704196+ | GRAMS | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8047-0250 | 051147 | 250 | 22 | 66 | 280 | 315 | 6 |
| 8047-0500 | 051154 | 500 | 28 | 80 | 300 | 610 | 6 |
| 8047-0750 | 051161 | 750 | 30 | 102 | 320 | 875 | 6 |
| 8047-1000 | 051178 | 1000 | 35 | 102 | 345 | 1170 | 6 |

## 8052 **HAMMER WITH PLASTIC TIPS**

- Surface: Hickory handle double curved, transparent lacquered.
- Material: Steelhead fixed with round wedge.
- Interchangeable tips: Plastic (cellulose acetate), orange SHORE 100.

| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | INTERCHANGEABLE TIPS ITEM NO. (1 PCS.) |
|---|---|---|---|---|---|---|---|
| 8052-0022 | 038698 | 22 | 75 | 280 | 175 | 6 | P8052-0022 |
| 8052-0027 | 038704 | 27 | 89 | 300 | 279 | 6 | P8052-0027 |
| 8052-0032 | 038711 | 32 | 93 | 300 | 377 | 6 | P8052-0032 |
| 8052-0040 | 038728 | 40 | 111 | 320 | 636 | 6 | P8052-0040 |
| 8052-0050 | 038735 | 50 | 115 | 320 | 927 | 6 | P8052-0050 |

## 8054 **HAMMER WITH RUBBER TIPS**

- Surface: Hickory handle double curved, transparent lacquered.
- Material: Steelhead fixed with round wedge.
- Interchangeable tips: Rubber, black SHORE 65.

| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | INTERCHANGEABLE TIPS ITEM NO. (1 PCS.) |
|---|---|---|---|---|---|---|---|
| 8054-0022 | 038742 | 22 | 75 | 280 | 175 | 6 | P8054-0022 |
| 8054-0027 | 038759 | 27 | 89 | 300 | 279 | 6 | P8054-0027 |
| 8054-0032 | 038766 | 32 | 93 | 300 | 377 | 6 | P8054-0032 |
| 8054-0040 | 038773 | 40 | 111 | 320 | 636 | 6 | P8054-0040 |
| 8054-0050 | 038780 | 50 | 115 | 320 | 927 | 6 | P8054-0050 |

## 8060 **DEAD-BLOW HAMMERS**

- Model with head and shaft covered by urethane.
- Dead-blow hammer filled with steelshots. PVC handgrip.

| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 8060-0030 | 009179 | 35 | 90 | 280 | 400 | 12 |
| 8060-0040 | 009186 | 45 | 90 | 300 | 580 | 6 |
| 8060-0050 | 009193 | 55 | 110 | 355 | 1050 | 6 |

## 8070 **ENGINEERS SLEDGE HAMMERS**

- Surface: Polished and enamelled. Material: Forged carbon steel head.

| ITEM NO. | 5704196+ | GRAMS | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8070-3000 | 013015 | 3000 | 55 | 160 | 600 | 3500 | 4 | 612565 |
| 8070-4000 | 013022 | 4000 | 65 | 170 | 700 | 4500 | 4 | 612566 |
| 8070-5000 | 013039 | 5000 | 70 | 180 | 800 | 5700 | 2 | 612568 |

## 8200 **PIN PUNCHES**

DIN 6450

- Surface: Chrome plated finish.
- Material: Chrome-molybdenum steel.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8200-0002 | 009209 | 2 | 8 | 23 | 115 | 34 | 25 | 613070 |
| 8200-0003 | 009216 | 3 | 8 | 32 | 125 | 35 | 25 | 613071 |
| 8200-0004 | 009223 | 4 | 10 | 35 | 150 | 64 | 25 | 613072 |
| 8200-0005 | 009230 | 5 | 10 | 43 | 165 | 72 | 25 | 613073 |
| 8200-0006 | 009247 | 6 | 13 | 47 | 180 | 136 | 25 | 613074 |
| 8200-0008 | 009254 | 8 | 13 | 50 | 180 | 146 | 25 | 613076 |

## 8290 PP/6 **ASSORTMENT WITH 6 PIN PUNCHES**

- Supplied in nylon bag.

6 TOOLS

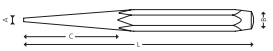
| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 8290-0006 | 000886 | 6 | 2 - 3 - 4 - 5 - 6 - 8 mm | 545 | 1 | 613080 |
| P8290-0006 | 017075 | 1 | Empty pouch for 8290-0006 | 52 | 1 | |

# POLAR
## STRIKING TOOLS

## 8205 **TAPER PUNCHES**

DIN 6458

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8205-0002 | 009278 | 2 | 10 | 48 | 120 | 52 | 25 |
| 8205-0003 | 009285 | 3 | 10 | 48 | 120 | 53 | 25 |
| 8205-0004 | 009292 | 4 | 10 | 48 | 120 | 55 | 25 |
| 8205-0005 | 009308 | 5 | 10 | 48 | 120 | 58 | 25 |
| 8205-0006 | 009315 | 6 | 10 | 48 | 120 | 59 | 25 |

## 8290 TP/5 **ASSORTMENT WITH 5 TAPER PUNCHES**

- Supplied in nylon bag.

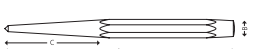
5 TOOLS

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 8290-0005 | 000893 | 5 | 2 - 3 - 4 - 5 - 6 mm | 315 | 1 |
| P8290-0005 | 017068 | 1 | Empty pouch for 8290-0005 | 47 | 1 |

## 8210 **CENTER PUNCHES**

DIN 7250

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.

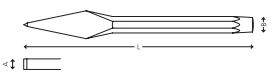


| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 8210-0001 | 009322 | 3 | 8 | 40 | 100 | 32 | 10 | 613060 |
| 8210-0002 | 009339 | 4 | 10 | 50 | 120 | 54 | 10 | 613061 |

## 8215 **CAPE CHISELS**

DIN 6451

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.

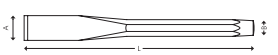


| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 8215-0005 | 009346 | 5 | 10 | 130 | 63 | 25 | 612912 |
| 8215-0007 | 009353 | 7 | 13 | 165 | 147 | 25 | 612914 |

## 8220 **FLAT CHISELS**

DIN 6453

- Surface: Chrome plated finish. Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 8220-0012 | 009360 | 12 | 10 | 130 | 68 | 25 | 612903 |
| 8220-0018 | 009384 | 18 | 13 | 165 | 158 | 10 | 612905 |

## 8290 S/17 **ASSORTMENT WITH 17 TOOLS**

- Supplied with metal holder.
- Content:
  2 Center punches: 3 - 4 mm
  5 Taper punches: 2 - 3 - 4 - 5 - 6 mm
  6 Pin punches: 2 - 3 - 4 - 5 - 6 - 8 mm
  2 Flat chisels: 12 - 18 mm
  2 Cape chisels: 5 - 7 mm

17 TOOLS

| ITEM NO. | 5704196+ | KG | | IMPA CODE |
|---|---|---|---|---|
| 8290-0017 | 000916 | 1,6 | 10 | 613089 |

# POLAR
## STRIKING TOOLS

## 8290 S/5 **ASSORTMENT WITH 5 TOOLS**

- Supplied in nylon bag.
- Content:
  1 Taper punch: 3 x 120 mm
  1 Center punch: 2 x 120 mm
  1 Cape chisel: 5 x 130 mm
  1 Flat chisel: 12 x 130 mm
  1 Pin punch: 4 x 150 mm

| ITEM NO. | 5704196+ | | G | | IMPA CODE |
|---|---|---|---|---|---|
| 8290-1005 | 000909 | | 350 | 1 | 613088 |
| P8290-1005 | 017082 | Empty pouch for 8290-1005 | 53 | 1 | |

## 8300 **WOOD CHISEL**

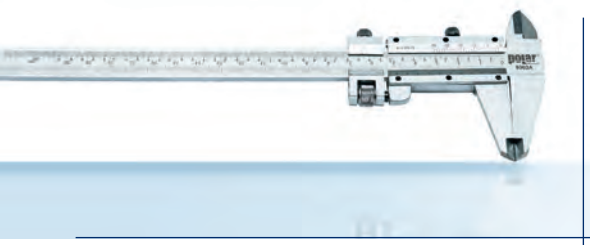
- Allround wood chisel with good durability.
- Precisioncut blade for maximum sharpness.
- Hardened for high strength and long usage.
- Softgrip handle with steel cap.
- Surface: Chrome plated finish.
- Material: Chrome-molybdenum steel.

| ITEM NO. | 5704196+ | L MM | A MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 8300-0010 | 009407 | 285 | 10 | 205 | 6 | 613612 |
| 8300-0013 | 009414 | 285 | 13 | 215 | 6 | 613613 |
| 8300-0016 | 009421 | 285 | 16 | 225 | 6 | 613614 |
| 8300-0019 | 009438 | 285 | 19 | 240 | 6 | 613615 |
| 8300-0022 | 009445 | 290 | 22 | 250 | 6 | |
| 8300-0025 | 009452 | 290 | 25 | 260 | 6 | 613616 |
| 8300-0032 | 009469 | 320 | 32 | 315 | 6 | 613617 |

## 8390 **WOOD CHISEL SET**

- Supplied in plastic holder.

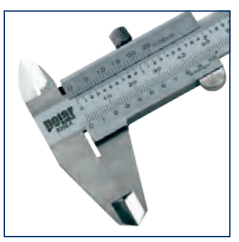
| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 8390-0003 | 013091 | 3 | 13 - 19 - 25 mm | 775 | 6 |

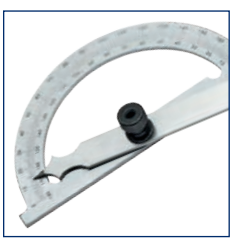




# MEASURING TOOLS

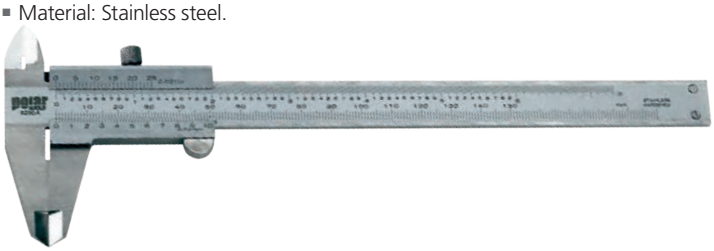
*POLAR offers a wide range of measuring tools for use in environments where quality and durability of the tools are a demand.*





## 9200 A **VERNIER CALIPER - PREMIUM**

ISO 3599, DIN 862
- Accurate to 0.02 mm (1/50 mm). Inside, outside and depth measurements.
- Divided into mm and inches. Vernier with thumb positioning guide.
- Resolution: 0.02 mm / 0.001”
- Jaw length: 40 mm.
- Vernier screw lock.
- Surface: Matt chrome beam and vernier.
- Material: Stainless steel.



| ITEM NO. | 5704196+ | RANGE MM/INCH | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9200-0150 | 009582 | 0-150 mm / 0-6” | 155 | 1 | 650511 |

## 9300 A **VERNIER CALIPER**

ISO 3599, DIN 862.
- With locking screw.
- Divided into mm and inches
- Resolution: 0,02 mm / 0,001”
- Jaw length: 40 mm
- Surface: Matt chrome beam and vernier.
- Material: Stainless steel.

| ITEM NO. | 5704196+ | RANGE MM/INCH | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9300-0150 | 032115 | 0-150 mm / 0-6” | 156 | 1 | 650511 |

## 9300 B **VERNIER CALIPER**

ISO 3599, DIN 862.
- With thumb-lock.
- Divided into mm and inches.
- Resolution: 0,05 mm / 0,002”
- Jaw length: 40 mm
- Surface: Matt chrome beam and vernier.
- Material: Stainless steel.

| ITEM NO. | 5704196+ | RANGE MM/INCH | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9300-2150 | 032122 | 0-150 mm / 0-6” | 160 | 1 | 650511 |

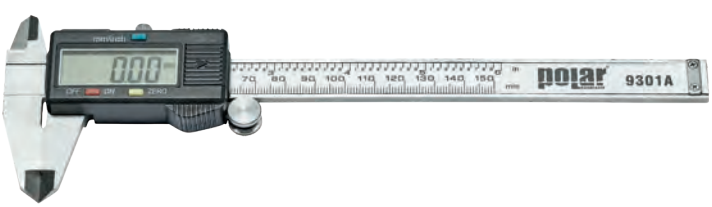
## 9300 P **PLASTIC CALIPER**

- Divided into mm and inches.
- Resolution: 0,05 mm / 0.002”
- Jaw length: 40 mm
- Material: Plastic.

| ITEM NO. | 5704196+ | RANGE MM/INCH | G | |
|---|---|---|---|---|
| 9300-3150 | 032429 | 0-150 mm / 0-6” | 27 | 1 |

## 9301 A **DIGITAL CALIPER**

- Switch mm/inches. Zero setting. On/Off button.
- With locking screw. 4 measurement functions.
- Resolution: 0,01 mm / 0,0005”.
- Accurracy: ±0,02 mm.
- Jaw length: 40 mm.
- Measuring Speed: 3 m/s.
- Working Temperature: 0 – ±40C°. Relative Temperture: -10 – ±80C°
- Material: Stainless steel.

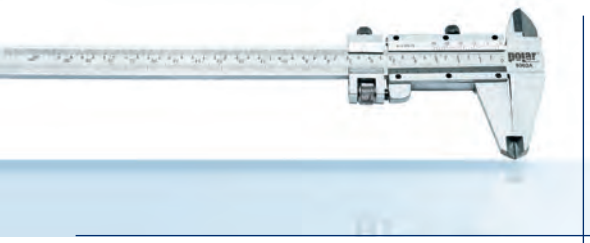


| ITEM NO. | 5704196+ | RANGE MM/INCH | G | |
|---|---|---|---|---|
| 9301-0150 | 032092 | 0-150 mm / 0-6” | 165 | 1 |

## 9301 B **DIGITAL CALIPER IP54**

- With ABS function. Switch mm/inches. Zero setting.
- On/Off button. With locking screw. 4 measurement functions.
- Resolution: 0,01 mm / 0,0005”.
- Accurracy: ±0,02 mm
- Jaw length: 40 mm
- Measuring Speed: 1,5 m/s.
- Working Temperature: 0 – ±40C°. Relative Temperture: -10 – ±80C°.
- Material: Stainless steel.

| ITEM NO. | 5704196+ | RANGE MM/INCH | G | |
|---|---|---|---|---|
| 9301-1150 | 032108 | 0-150 mm / 0-6” | 165 | 1 |



# POLAR
# MEASURING TOOLS

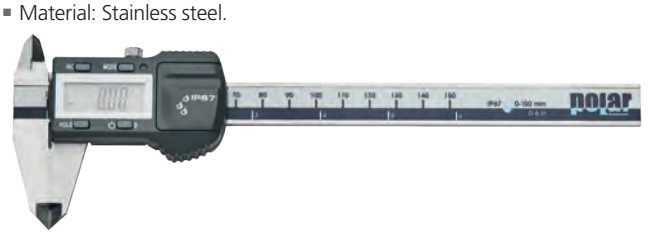
## 9301 **DIGITAL VERNIER CALIPER - PREMIUM**

DIN 862.
- Switch mm/inches. Zero setting. On/Off button. With locking screw.
- Auto power off function (after 5 minutes).
- Resolution: 0,01 mm / 0,0005". Accurracy: ±0,02 mm
- Direct and relative measurement (INC).
- Jaw length: 40 mm. Measuring Speed: 3,2 m/s.
- Working Temperature: 0 – ±40C°. Relative Temperture: -20 ~ -70C°.
- Material: Stainless steel.

| ITEM NO. | 5704196+ | RANGE MM | G | |
|---|---|---|---|---|
| 9301-2150 | 050409 | 0-150 mm / 0-6" | 167 | 1 |

## 9301 **DIGITAL VERNIER CALIPER - PREMIUM IP67**

DIN 862.
- Switch mm/inches. Zero setting. On/Off button. With locking screw.
- Auto power off function (after 5 minutes).
- Resolution: 0,01 mm / 0,0005". Accurracy: ±0,02 mm
- Direct and relative measurement (INC). Hold function.
- Jaw length: 40 mm. Measuring Speed: 3,2 m/s.
- Working Temperature: 0 – ±40C°. Relative Temperture: -20 ~ -70C°.
- Material: Stainless steel.



| ITEM NO. | 5704196+ | RANGE MM | G | |
|---|---|---|---|---|
| 9301-3150 | 050416 | 0-150 mm / 0-6" | 167 | 1 |

## 9302 **CALIPER WITH FINE ADJUSTMENT**

ISO 3599, DIN 862.
- With locking screw. Divided into mm and inches
- Resolution: 0,02 mm / 0.001".
- Surface: Matt chrome beam and vernier. Material: Stainless steel.

| ITEM NO. | 5704196+ | RANGE MM / INCH | JAW LENGTH MM | G | |
|---|---|---|---|---|---|
| 9302-0200 | 032139 | 0-200 mm / 0-8 " | 45 | 242 | 1 |
| 9302-0300 | 032146 | 0-300 mm / 0-12 " | 55 | 393 | 1 |

## 9303 **DEPTH GAUGES**

DIN 862.
- Length of base: 100 mm. Resolution: 0,02 mm. With locking screw.
- Surface: Matt chrome beam.
- Material: Stainless Steel.

| ITEM NO. | 5704196+ | RANGE MM | G | |
|---|---|---|---|---|
| 9303-0200 | 031897 | 0-200 mm | 183 | 1 |
| 9303-0300 | 031903 | 0-300 mm | 219 | 1 |

## 9310 **PROTRACTOR**

- Range: 0-180°.
- Chrome Plated Double scale.
- With locking screw.

| ITEM NO. | 5704196+ | Ø-DIAMETER MM | RULER LENGTH MM | G | |
|---|---|---|---|---|---|
| 9310-0120 | 031996 | 120 | 150 | 111 | 1 |
| 9310-0150 | 032009 | 150 | 200 | 222 | 1 |
| 9310-0200 | 032016 | 200 | 300 | 318 | 1 |

## 9305 A **OUTSIDE MICROMETER**

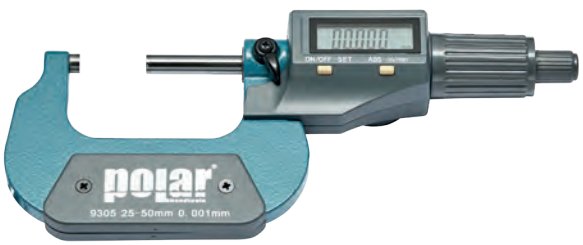
DIN 863.
- Resolution: 0,01 mm
- 6,5 mm spindle with carbide tipped measuring faces.
- Lacquered frame.
- Accessory: Standard bar from 25 mm

| ITEM NO. | 5704196+ | RANGE MM | ACCURACY MM | G | |
|---|---|---|---|---|---|
| 9305-0025 | 032054 | 0 - 25 | ±0,004 | 202 | 1 |
| 9305-0050 | 032061 | 25 - 50 | ±0,004 | 284 | 1 |
| 9305-0075 | 032078 | 50 - 75 | ±0,005 | 377 | 1 |
| 9305-0100 | 032085 | 75 - 100 | ±0,005 | 536 | 1 |

## 9305 B **DIGITAL OUTSIDE MICROMETER**

DIN 863.

- Switch ABS/mm/inches. Zero setting. On/Off button.
- Resolution: 0,001 mm / 0,00005".
- 6,5 mm spindle with carbide tipped measuring faces.
- Lacquered frame.
- Accessory: Standard bar from 25 mm.
- Operating temperature: 0°C ~ 40°C. Storage temperature: -20°C ~ 60°C.
- Humidity: Up to 80% non-condensing.
- Supplied with two 3V CR2032 batteries.




| ITEM NO. | 5704196+ | RANGE MM | ACCURACY MM | G | |
|---|---|---|---|---|---|
| 9305-1025 | 032467 | 0 - 25 | ±0,003 | 203 | 1 |
| 9305-1050 | 032474 | 25 - 50 | ±0,003 | 289 | 1 |
| 9305-1075 | 032481 | 50 - 75 | ±0,004 | 417 | 1 |

## 9307 B **DIGITAL DIAL INDICATOR 0-12,7 MM**

DIN 878.

- Measuring range: 0 – 12,7 mm / 0,5"
- Switch mm/inches.
- Zero setting.
- On/Off button.
- Resolution: 0,01 mm / 0,0005"
- Ø Diameter: 58 mm
- Scale: 0 – 100 mm
- Shank: Ø 8 mm
- Data output interface.
- Accessory: Backplate with eyelet.
- Operating temperature: -10°C ~ 40°C
- Storage temperature: -20°C ~ 70°C
- Humidity: Up to 80% non-condensing.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 9307-0012 | 032443 | 111 | 1 |

## 9307 A **ANALOGUE DIAL INDICATOR 0-10 MM**

DIN 878.

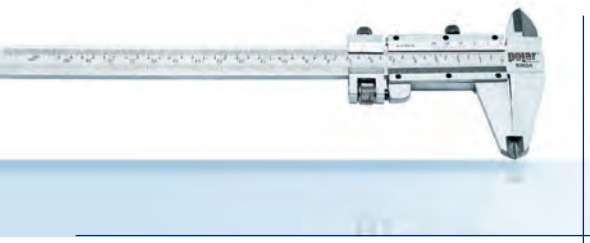
- Measuring range: 0 – 10 mm
- Resolution: 0,01 mm
- Ø Diameter: 58 mm
- Scale: 0 – 100 mm
- Shank: Ø 8 mm
- Rotating scale with locking screw.
- Backside with eyelet.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 9307-0010 | 032436 | 110 | 1 |

## 9308 **MAGNETIC STAND**

- Magnetic stand with fine adjustment.
- On/off function.
- Mounting holes for eyelet, or 6 and 8 mm shank.
- Column thread: M8
- Column: Ø12 x 175 mm
- Cross bar: Ø10 x 150 mm

| ITEM NO. | 5704196+ | MAGNETIC FORCE | BASE WxDxH | G | |
|---|---|---|---|---|---|
| 9308-0001 | 032450 | 80 | 50 x 62 x 55 | 1400 | 1 |



# POLAR
# MEASURING TOOLS

## 9330 **SQUARES WITH BACK**

DIN 875/1.
- Accuracy Class 1.
- Material: Special steel.

| ITEM NO. | 5704196+ | H MM | L MM | W MM | G | |
|---|---|---|---|---|---|---|
| 9330-0100 | 031941 | 100 | 70 | 5,0 x 21 mm | 182 | 1 |
| 9330-0150 | 031958 | 150 | 100 | 5,0 x 26 mm | 357 | 1 |
| 9330-0200 | 031965 | 200 | 130 | 6.5 x 31 mm | 656 | 1 |
| 9330-0250 | 031972 | 250 | 165 | 7,0 x 31 mm | 932 | 1 |
| 9330-0300 | 031989 | 300 | 200 | 10,0 x 42 mm | 2032 | 1 |

## 9335 **FLAT SQUARES**

DIN 875/1.
- Accuracy Class 1.
- Material: Special steel.

| ITEM NO. | 5704196+ | H MM | L MM | W MM | G | |
|---|---|---|---|---|---|---|
| 9335-0100 | 032375 | 100 | 70 | 5,5 | 138 | 1 |
| 9335-0150 | 032382 | 150 | 100 | 5,5 | 271 | 1 |
| 9335-0200 | 032399 | 200 | 130 | 6,5 | 164 | 1 |
| 9335-0250 | 032405 | 250 | 165 | 7,5 | 676 | 1 |
| 9335-0300 | 032412 | 300 | 200 | 8,0 | 1154 | 1 |

## 9340 **STEEL RULERS - MM / INCHES**

DIN 2004/22/ECII
- Scale: 0,5 mm (0-100 mm) / 1 mm (> 100 mm).
- Material: Stainless steel.

| ITEM NO. | 5704196+ | L MM | SIZE MM | G | |
|---|---|---|---|---|---|
| 9340-0150 | 032320 | 150 mm / 6" | 13 x 0.5 mm | 10 | 1 |
| 9340-0200 | 032337 | 200 mm / 8" | 13 x 0.5 mm | 13 | 1 |
| 9340-0300 | 032344 | 300 mm / 12" | 25 x 1,0 mm | 69 | 1 |
| 9340-0500 | 032351 | 500 mm / 20" | 30 x 1,0 mm | 128 | 1 |
| 9340-1000 | 032368 | 1000 mm / 40" | 38 x 2,0 mm | 616 | 1 |

## 9315 **SPRING DIVIDER CALIPER**

- Through-spindle with adjustment screw.
- Material: Polished steel with hardened points.

| ITEM NO. | 5704196+ | L MM | MAX. GRIP WIDTH MM | G | |
|---|---|---|---|---|---|
| 9315-0150 | 032023 | 150 | 150 | 98 | 1 |
| 9315-0200 | 032030 | 200 | 210 | 123 | 1 |
| 9315-0250 | 032047 | 250 | 255 | 144 | 1 |

## 9320 **INSIDE CALIPER WITH SPRING**

- Through-spindle with adjustment screw.
- Material: Polished steel with hardened points.

| ITEM NO. | 5704196+ | L MM | MAX. GRIP WIDTH MM | G | |
|---|---|---|---|---|---|
| 9320-0200 | 032290 | 200 | 215 | 115 | 1 |
| 9320-0250 | 032306 | 250 | 260 | 135 | 1 |
| 9320-0300 | 032313 | 300 | 320 | 147 | 1 |

## 9322 **INSIDE CALIPER**

- Material: Polished steel with hardened points.

| ITEM NO. | 5704196+ | L MM | MAX. GRIP WIDTH MM | G | |
|---|---|---|---|---|---|
| 9322-0150 | 032238 | 150 | 290 | 64 | 1 |
| 9322-0200 | 032245 | 200 | 400 | 81 | 1 |
| 9322-0250 | 032252 | 250 | 490 | 178 | 1 |
| 9322-0300 | 032269 | 300 | 600 | 222 | 1 |
| 9322-0400 | 032276 | 400 | 800 | 306 | 1 |

# POLAR
## MEASURING TOOLS

## 9317 **OUTSIDE CALIPER**

- Material: Polished steel with hardened points.

| ITEM NO. | 5704196+ | L MM | MAX. GRIP WIDTH MM | G | |
|---|---|---|---|---|---|
| 9317-0150 | 032184 | 150 | 260 | 71 | 1 |
| 9317-0200 | 032191 | 200 | 380 | 99 | 1 |
| 9317-0300 | 032207 | 300 | 500 | 223 | 1 |
| 9317-0400 | 032214 | 400 | 650 | 325 | 1 |
| 9317-0500 | 032221 | 500 | 840 | 462 | 1 |

## 9360 **CARBIDE TIPPED SCRIBER**

- With Clip.
- With hardened tip.
- Surface: Chrome finish. Material: Special steel.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9360-0001 | 032283 | 154 | 36 | 10 |

## 9390 S/4 **MEASURING SET**

**ITEM NO. 9390-0004**

- Tool set supplied in plastic storage case.

5704196 034225 498 G 1

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Vernier Caliper | 9300 B 0 - 150 mm x 0,05 mm |
| 1 | Outside Micrometer | 9305 0 - 25 mm x 0,01 mm |
| 1 | Steel Ruler | 9340 0 - 150 mm |
| 1 | Flat Square | 9335 70 x 100 mm |

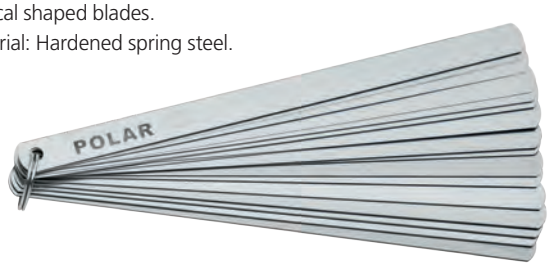
## 9350 **FEELER GAUGES**

- With locking screw.
- Conical shaped blades.
- Material: Hardened spring steel.

| ITEM NO. | 5704196+ | BLADES | CONTENT MM | LENGTH MM | G | |
|---|---|---|---|---|---|---|
| 9350-0013 | 031910 | 13 | 0,05-0,10-0,15-0,20-0,25-0,30-0,40-0,50-0,60-0,70-0,80-0,90-1,00 | 100 | 58 | 1 |
| 9350-0020 | 031927 | 20 | 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00 | 100 | 100 | 1 |

## 9351 **FEELER GAUGES**

- Conical shaped blades.
- Material: Hardened spring steel.

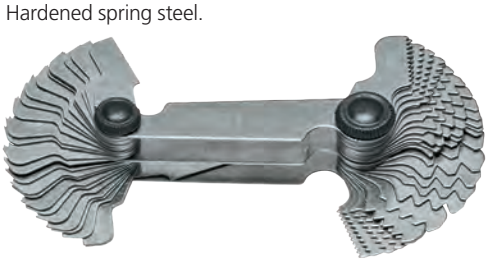



| ITEM NO. | 5704196+ | BLADES | CONTENT MM | LENGTH MM | G | |
|---|---|---|---|---|---|---|
| 9351-0020 | 050393 | 20 | 0,05-0,10-0,15-0,20-0,25-0,30-0,35-0,40-0,45-0,50-0,55-0,60-0,65-0,70-0,75-0,80-0,85-0,90-0,95-1,00 | 200 | 205 | 1 |

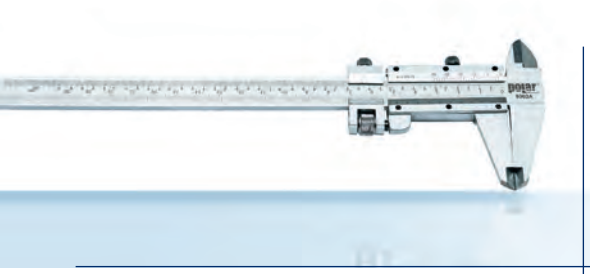
## 9353 **SCREW PITCH GAUGE**

DIN 13/14.

- For inside and outside measurement.
- Blades for 60° metric ISO thread and 55° Whitworth thread.
- Material: Hardened spring steel.



| ITEM NO. | 5704196+ | BLADES | CONTENT MM | G | |
|---|---|---|---|---|---|
| 9353-0052 | 031934 | 24 (0.25-6.00 mm) | 0,25-0,30-0,35-0,40-0,45-0,50-0,60-0,70-0,75-0,80-0,90-1,00-1,25-1,50-1,75-2,00-2,50-3,00-3,50-4,00-4,50-5,00-5,50-6,00 mm | 65 | 1 |
| | | 28 (4-62 TPI) | 4-4,5-5-6-7-8-9-10-11-12-13-14-16-18-19-20-22-24-25-26-28-30-32-36-40-48-60-62 TPI | | |



# POLAR
# MEASURING TOOLS

## 9400 S **TAPE RULES**

- Precision class II. Casing in steel with rubbergrip and clip.
- Anti-reflex nylon coated tape of hardened steel.
- Corrosion-, wear- and scratching resistant. Two buttons for tape rewind.
- Rigid up to 2,4 m horizontal and 3,6 m vertical.
- Double graduation in black on yellow background.
- Decimals highlighted in red.

| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9400-0003 | 009506 | 3 m | mm | 16 | 70 x 65 x 30 | 150 | 12 | 650821 |
| 9400-0005 | 009513 | 5 m | mm | 25 | 80 x 75 x 38 | 300 | 12 | 650823 |
| 9400-0008 | 009520 | 8 m | mm | 25 | 90 x 85 x 40 | 415 | 6 | |

## 9400 C **TAPE RULE**

- Precision class II. Casing in steel with rubbergrip and clip.
- Stainless hook with two magnets. Anti-reflex nylon coated tape of hardened steel.
- Corrosion-, wear- and scratching resistant. Button for tape rewind.
- Rigid up to 1,8 m horizontal and 2,6 m vertical.
- Double graduation in mm and inches, black on yellow background.
- Decimals highlighted in red.

| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9400-2003 | 017211 | 3 mtr/10 ft | mm/inches | 16 | 70 x 65 x 30 | 135 | 6 | 650827 |

## 9400 P **TAPE RULE**

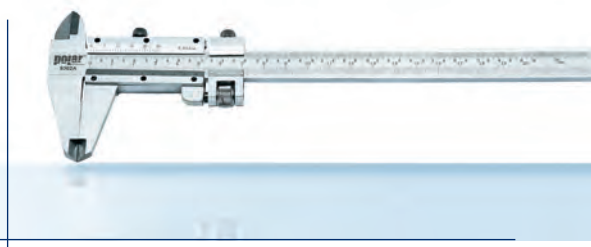
- Precision class II. Casing of shock resistant ABS with rubbergrip and stainless clip.
- Anti-reflex nylon coated tape of hardened steel.
- Corrosion-, wear- and scratching resistant. Button for tape rewind.
- Rigid up to 2,4 m horizontal and 3,6 m vertical.
- Double graduation in black on yellow background.
- Decimals highlighted in red.

| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | |
|---|---|---|---|---|---|---|---|
| 9400-1005 | 011257 | 5 m | mm | 25 | 80 x 75 x 44 mm | 325 | 12 |

## 9402 **TAPE RULES - PRO**

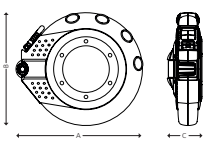
- Material: steel.
- EU class: II. Casing of shock resistant ABS.
- Nylon Coated (3 m). SuperBlade (5 + 8 m).
- Finger protection for comfortable grip and protection of your fingers.
- End piece with magnet and automatic return.
- Double graduation in black on yellow background.
- Decimals highlighted in red.

| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9402-0003 | 037769 | 3 m | mm | 19 | 63 x 65 x 38 | 160 | 6 | 650821 |
| 9402-0005 | 037776 | 5 m | mm | 27 | 84 x 83 x 51 | 400 | 6 | 650823 |
| 9402-0008 | 037783 | 8 m | mm | 27 | 94 x 95 x 52 | 574 | 6 | |



## 9407 **TAPE RULES**

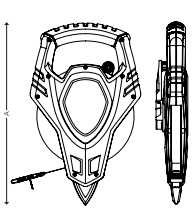
- Material: steel
- EU class: II. Casing of shock and impact resistant ABS.
- Professionel measuring tape with gear.
- Folding winder.
- Loop with retractable claw.
- Nylon coated tape.
- Double graduation in black on yellow background.



| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | |
|---|---|---|---|---|---|---|---|
| 9407-0010 | 037790 | 10 m | mm | 13 | 131 x 114 x 43 | 338 | 6 |
| 9407-0020 | 037806 | 20 m | mm | 13 | 131 x 114 x 43 | 494 | 6 |

## 9410 P **TAPE RULES**

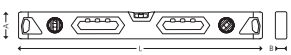
- Material: Steel
- Tape width: 13 mm
- EU class: II
- Professionel measuring tape with gear.
- Casing of shock resistant ABS with ergonomic rubbergrip.
- Folding winder.
- Loop with retractable claw.
- Nylon coated tape.
- Double graduation in black on yellow background.



| ITEM NO. | 5704196+ | L | SCALE | WIDTH MM | A x B x C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9410-0030 | 037813 | 30 m | mm - cm | 13 | 307 x 188 x 40 | 995 | 16 | |
| 9410-0050 | 008387 | 50 m | mm - cm | 13 | 307 x 188 x 40 | 1300 | 16 | 650839 |

## 9502 **SPIRIT LEVEL - PRO**

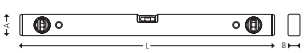
- Precision +/- 0,5 mm/m
- Strong aluminum profile.
- Supplied with one vertical, one horizontal and one 45° vial.
- With rubberized handles and rubberized end caps for strong shock resistance.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 9502-0600 | 034171 | 600 | 64 | 25 | 476 | 1 |

## 9500 **ALUMINIUM LEVELS**

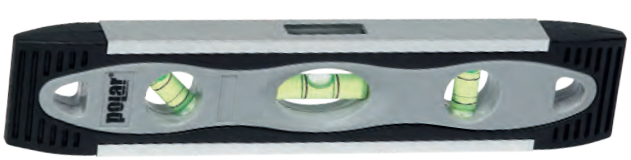
- Precision 0.057° = 1 mm/m
- Supplied with two vertical and one horizontal vial.

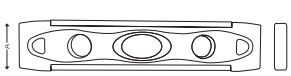


| ITEM NO. | 5704196+ | L MM | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 9500-0400 | 009650 | 400 | 50 | 20 | 245 | 1 |
| 9500-0600 | 009667 | 600 | 50 | 20 | 338 | 1 |
| 9500-1200 | 009681 | 1200 | 50 | 20 | 632 | 1 |
| 9500-2000 | 034164 | 2000 | 50 | 20 | 1030 | 1 |

## 9510 **TORPEDO LEVEL WITH MAGNET**

- Precision 0.057° = 1 mm/m
- Supplied with one vertical, one horizontal and one 45° vial.





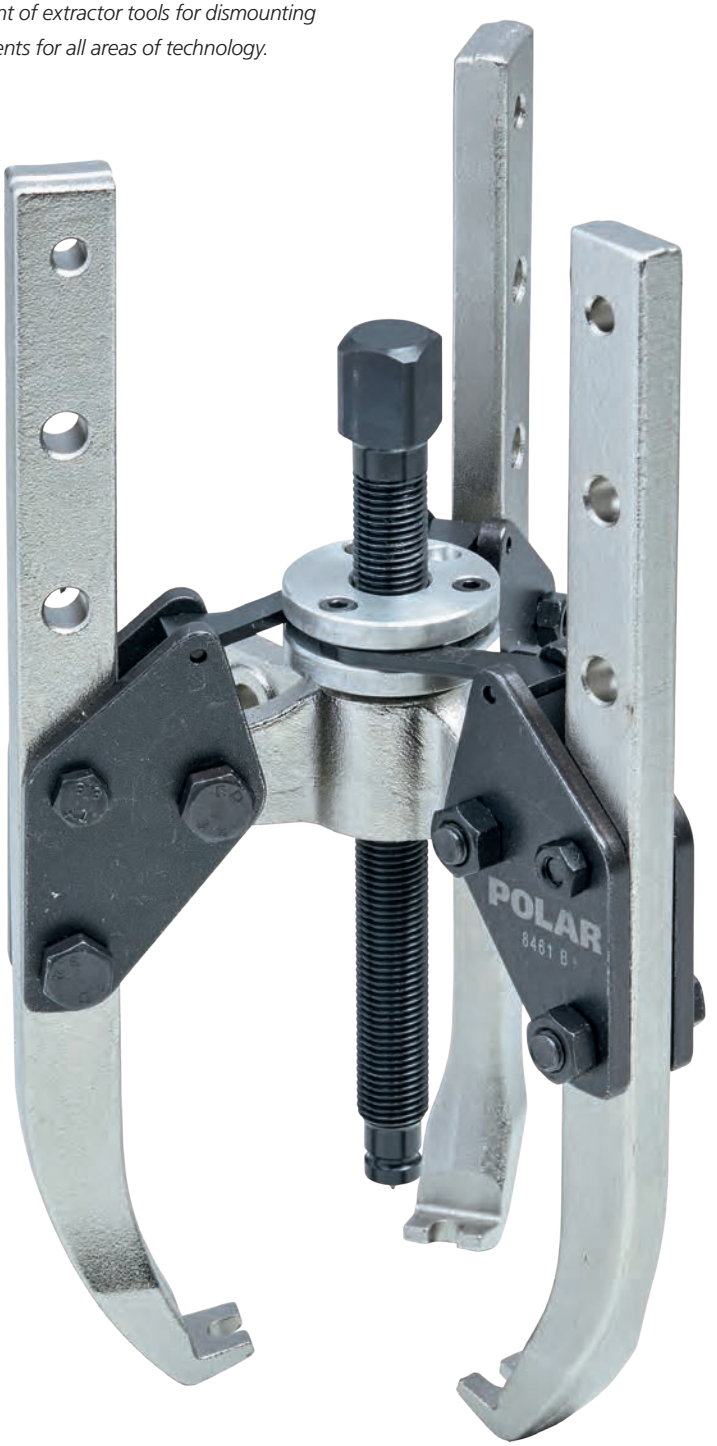
| ITEM NO. | 5704196+ | L MM | A MM | B MM | G | |
|---|---|---|---|---|---|---|
| 9510-0225 | 009643 | 225 | 47 | 17 | 153 | 1 |

# PULLERS

*POLAR pullers are produced to offer high quality and safe working environment, when requiring tremendous strength and reliability.*
*The POLAR puller range includes a wide assortment of extractor tools for dismounting gears, bearings, ball bearings and similar components for all areas of technology.*

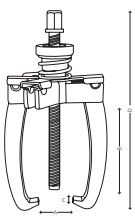
The range consists of:

- 2-arm external and internal pullers.
- 3-arm external and internal pullers.
- Universal puller sets.
- Ball bearing extractors.
- Internal extractors.
- Separators.
- Ball Joint pullers.
- Extractor sets.



## 8450 **UNIVERSAL PULLERS**

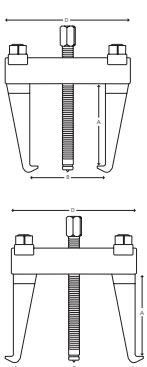
- Internal and external model with fixture for use with 2 or 3 jaws.
- Spindle made of carbon steel.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | | MAX. TORQUE NM | KG | |
|---|---|---|---|---|---|---|---|---|---|
| 8450-0102 | 017365 | 102 | 106 | 15 | 210 | 17 mm | 90 Nm | 1,2 | 1 |
| 8450-0178 | 017372 | 175 | 220 | 22 | 300 | 19 mm | 210 Nm | 2,6 | 1 |

## 8453 **UNIVERSAL 2-ARM PULLERS**

- Internal and external puller. Available with normal and long jaws.
- Strong and rigid design with one-piece jaws, making the puller fast and easy to mount.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-Vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|---|
| 8453-0060 | 035666 | 50 | 12-60 | 55-80 | 72 | 1 | 0,3 | 1 |
| 8453-0080 | 035673 | 80 | 25-80 | 105-130 | 122 | 2 | 1,0 | 1 |
| 8453-1080 | 035680 | 135 | 20-80 | 108-132 | 122 | 2 | 1,2 | 1 |
| 8453-0115 | 035697 | 80 | 25-115 | 105-160 | 156 | 2 | 1,1 | 1 |
| 8453-1115 | 035703 | 135 | 25-115 | 108-165 | 156 | 2 | 1,3 | 1 |
| 8453-0155 | 035710 | 160 | 30-155 | 159-222 | 210 | 10 | 2,4 | 1 |
| 8453-1145 | 035727 | 220 | 40-195 | 166-277 | 210 | 10 | 4,0 | 1 |
| 8453-0195 | 035734 | 160 | 40-145 | 162-215 | 260 | 10 | 3,6 | 1 |
| 8453-2195 | 035741 | 220 | 50-195 | 173-270 | 260 | 10 | 4,4 | 1 |
| 8453-0250 | 035758 | 260 | 75-250 | 222-335 | 345 | 20 | 10,5 | 1 |
| 8453-1245 | 035772 | 390 | 80-245 | 243-340 | 345 | 20 | 13,5 | 1 |
| 8453-0390 | 035765 | 260 | 125-390 | 278-465 | 475 | 20 | 13,0 | 1 |
| 8453-1375 | 035789 | 390 | 125-375 | 292-485 | 475 | 20 | 15,8 | 1 |
| 8453-0600 | 035796 | 260 | 215-600 | 292-675 | 675 | 20 | 20,0 | 1 |
| 8453-1600 | 035802 | 390 | 215-600 | 292-675 | 675 | 20 | 23,0 | 1 |

## 8453 S/5 **DISPLAY WITH 5 PULLERS**

**ITEM NO. 8453-9005**

- Supplied in practical metal stand.

22,7 KG

5704196 035819

1

*CONTENT:*

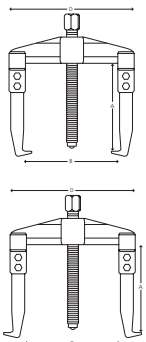
| QTY. | DESCRIPTION | MODEL | SIZE MM |
|---|---|---|---|
| 1 | 2-arm puller | 8453-0080 | 25-80 / 105-130 |
| 1 | 2-arm puller | 8453-0155 | 30-155 / 159-222 |
| 1 | 2-arm puller | 8453-0250 | 75-250 / 222-335 |
| 1 | 2-arm puller | 8453-1115 | 25-115 / 108-165 |
| 1 | 2-arm puller | 8453-2195 | 50-195 / 173-270 |

wrist

# POLAR
PULLERS

## 8455 **UNIVERSAL 2-ARM PULLERS**

- Internal and external puller.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|---|
| 8455-0095 | 035826 | 100 | 30-95 | 92-130 | 134 | 3 | 1,1 | 1 |
| 8455-0135 | 035833 | 100 | 35-135 | 95-175 | 176 | 3 | 1,3 | 1 |
| 8455-0165 | 035840 | 150 | 40-160 | 130-225 | 223 | 7 | 3,3 | 1 |
| 8455-0190 | 035857 | 155 | 35-190 | 135-250 | 250 | 12 | 3,4 | 1 |
| 8455-0240 | 035864 | 205 | 50-240 | 175-325 | 325 | 12 | 7,5 | 1 |
| 8455-0350 | 035871 | 200 | 60-350 | 175-425 | 425 | 12 | 8,5 | 1 |
| 8455-0510 | 035888 | 200 | 90-510 | 220-580 | 585 | 12 | 14,0 | 1 |

## 8455 S/5 **DISPLAY WITH 5 PULLERS**

**ITEM NO. 8455-9005**

- Supplied in practical metal stand.

20 KG

5704196 035895

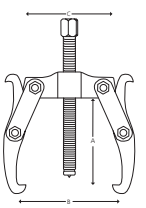
1

*CONTENT:*

| QTY. | DESCRIPTION | MODEL | SIZE MM |
|---|---|---|---|
| 1 | 2-arm puller | 8455-0095 | 30-95 / 92-130 |
| 1 | 2-arm puller | 8455-0135 | 35-135 / 95-175 |
| 1 | 2-arm puller | 8455-0165 | 40-160 / 130-225 |
| 1 | 2-arm puller | 8455-0190 | 35-190 / 135-250 |
| 1 | 2-arm puller | 8455-0240 | 50-240 / 175-325 |

## 8456 **2-ARM PULLERS WITH REVERSIBLE DOUBLE-END JAWS**

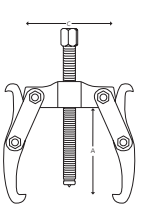
- External puller.
- Swiveling and reversible puller hooks.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|
| 8456-0150 | 046556 | 85 | 150 | 76 | 4 | 1,0 | 1 |
| 8456-0200 | 046563 | 125 | 200 | 113 | 7 | 2,1 | 1 |
| 8456-0250 | 046570 | 125 | 250 | 160 | 8 | 2,4 | 1 |

## 8456 L **2-ARM PULLERS WITH REVERSIBLE DOUBLE-END JAWS - LONG**

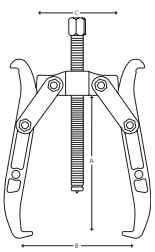
- External puller.
- Swiveling and reversible puller hooks.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|
| 8456-1170 | 046587 | 135 | 170 | 76 | 4 | 1,2 | 1 |
| 8456-1235 | 046594 | 180 | 235 | 113 | 7 | 2,7 | 1 |

## 8456 C **2- & 3-ARM COMBI PULLERS WITH REVERSIBLE DOUBLE-END JAWS**

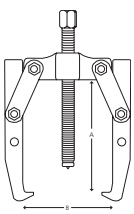
- External puller.
- Swiveling and reversible puller hooks.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|
| 8456-2150 | 046600 | 85 | 150 | 104 | 4 | 1,5 | 1 |
| 8456-2200 | 046617 | 125 | 200 | 113 | 7 | 3,0 | 1 |
| 8456-2250 | 046624 | 125 | 250 | 160 | 8 | 3,4 | 1 |

## 8457 **UNIVERSAL 2-ARM PULLER**

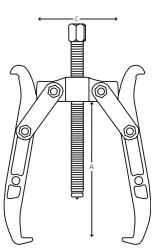
- External puller.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|
| 8457-0110 | 037394 | 105 | 110 | 1 | 0,4 | 1 |
| 8457-0175 | 046525 | 185 | 175 | 4 | 1,3 | 1 |
| 8457-0240 | 046532 | 225 | 240 | 7 | 2,8 | 1 |
| 8457-0290 | 046549 | 225 | 290 | 7 | 3,2 | 1 |

## 8456 CL **2- & 3-ARM COMBI PULLERS WITH REVERSIBLE DOUBLE-END JAWS - LONG**

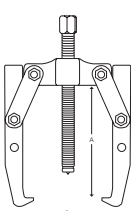
- External puller.
- Swiveling and reversible puller hooks.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|
| 8456-3185 | 046631 | 135 | 185 | 76 | 4 | 1,2 | 1 |
| 8456-3240 | 046648 | 180 | 240 | 161 | 7 | 3,8 | 1 |

## 8457 BL **UNIVERSAL 2-ARM PULLER - LONG**

- External puller.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.

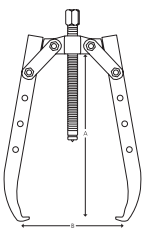


| ITEM NO. | 5704196+ | A MM | B MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|
| 8457-3240 | 046686 | 225 | 240 | 7 | 2,5 | 1 |

# POLAR
PULLERS

## 8458 **2- & 3-ARM COMBI PULLERS**

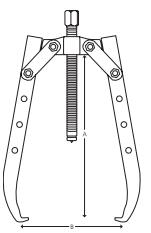
- Internal and external puller.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|
| 8458-0125 | 036052 | 105 | 110 | 1,0 | 0,7 | 1 |
| 8458-0175 | 036069 | 185 | 175 | 4,0 | 1,9 | 1 |
| 8458-0240 | 036076 | 225 | 240 | 4,0 | 3,5 | 1 |
| 8458-0290 | 036083 | 225 | 290 | 7,0 | 3,9 | 1 |

## 8459 BL **2- & 3-ARM COMBI PULLERS - LONG**

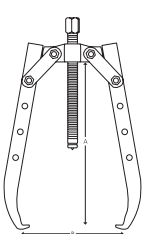
- Internal and external puller.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|
| 8459-3240 | 046693 | 225 | 240 | 7,0 | 3,5 | 1 |

## 8459 **2- & 3-ARM COMBI PULLERS - LONG**

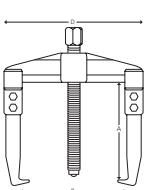
- Internal and external puller.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|
| 8459-0125 | 036090 | 120 | 125 | 1,0 | 0,7 | 1 |
| 8459-0220 | 036106 | 210 | 220 | 4,0 | 2,1 | 1 |
| 8459-0280 | 036113 | 270 | 280 | 4,0 | 3,7 | 1 |
| 8459-0330 | 036120 | 270 | 330 | 7,0 | 4,0 | 1 |

## 8460 **3-ARM PULLERS**

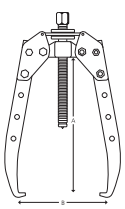
- External puller.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|
| 8460-0095 | 035901 | 100 | 35-95 | 134 | 3,0 | 1,3 | 1 |
| 8460-0135 | 035918 | 100 | 38-135 | 176 | 3,0 | 1,7 | 1 |
| 8460-0165 | 035925 | 150 | 42-165 | 223 | 7,0 | 4,7 | 1 |

## 8461 **2- & 3-ARM COMBI PULLERS**

- External puller with self-centering jaws.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | 2+3 ARMS | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|
| 8461-0110 | 035932 | 120 | 125 | √ | 1,0 | 0,8 | 1 |
| 8461-0175 | 035949 | 210 | 220 | √ | 4,0 | 2,1 | 1 |
| 8461-0240 | 035956 | 270 | 280 | √ | 7,0 | 6,7 | 1 |
| 8461-0350 | 035963 | 410 | 350 | √ | 10,0 | 14,5 | 1 |
| 8461-0480 | 035970 | 500 | 480 | – | 17,0 | 31,5 | 1 |
| 8461-0650 | 035987 | 600 | 680 | – | 30,0 | 55,5 | 1 |

## 8461 S/3 **DISPLAY WITH 3 PULLERS**

**ITEM NO. 8461-0003**

- Supplied in practical metal stand.

13 KG

5704196 035994

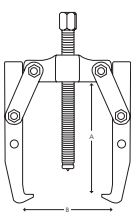
1

*CONTENT:*

| QTY. | DESCRIPTION | MODEL | SIZE MM |
|---|---|---|---|
| 1 | Combi puller | 8461-0110 | 125 |
| 1 | Combi puller | 8461-0175 | 220 |
| 1 | Combi puller | 8461-0240 | 280 |

## 8462 **2-ARM SMALL PART PULLERS**

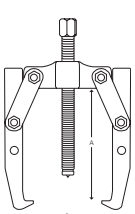
- External puller with thin jaws.
- Surface: Nickel-plated. Burnished spindel.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|---|
| 8462-0070 | 036007 | 55 | 70 | 1,5 | 4,5 | 0,5 | 0,2 | 1 |
| 8462-0100 | 036021 | 85 | 100 | 2,5 | 6,0 | 1,0 | 0,4 | 1 |

## 8463 **2- & 3-ARM SMALL PART PULLERS**

- External puller with thin jaws.
- Surface: Nickel-plated. Burnished spindel.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | MAX. TON | KG | |
|---|---|---|---|---|---|---|---|---|
| 8463-0070 | 036014 | 55 | 70 | 1,5 | 4,5 | 0,5 | 0,3 | 1 |
| 8463-0100 | 036038 | 85 | 100 | 2,5 | 6,0 | 1,0 | 0,7 | 1 |

# POLAR
# PULLERS

## 8463 S/6 **2- & 3-ARM PULLER SET**

**ITEM NO. 8463-0006**

- 4 external pullers for small parts.
- Supplied in plast case.
- 6 tools.

240 MM × 210 MM × 35 MM

5704196 036045

1,4 KG | 1

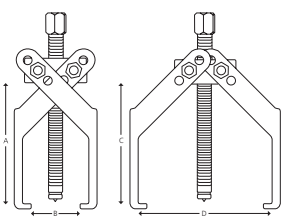
**4 PULLERS**

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 2 | 2-arm small parts pullers | 8462 70, 100 mm |
| 2 | Cross bars | 8463 |
| 2 | Legs | 8463 70, 100 mm |

## 8465 **2-ARM PULLER WITH PARALLEL CROSSARMS**

- External puller for use in limited spaces.
- Surface: Chrome plated.
- Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | KG | |
|---|---|---|---|---|---|---|---|
| 8465-0055 | 036137 | 90 | 55 | 90 | 95 | 0,3 | 1 |
| 8465-0070 | 036144 | 125 | 70 | 120 | 125 | 0,8 | 1 |
| 8465-0080 | 036151 | 125 | 80 | 160 | 125 | 1,0 | 1 |

## 8464 **UNIVERSAL PULLER SET WITH SEPARATOR**

**ITEM NO. 8464-9001**

- The 8-in-1 kit facilitates the assembly and use of 8 different puller models.

5704196 042817

14,5 KG | 1

485 MM × 485 MM × 120 MM

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Universal 2-arm puller | 8453 160 x 155 mm |
| 1 | 2-arm puller w/ reversible double-end jaws | 8456 125 x 200 mm |
| 1 | 2- & 3-arm combi puller w/ reversible double-end jaws | 8456 C 125 x 200 mm |
| 1 | Universal 2-arm puller | 8457 225 x 240 mm |
| 1 | 2- & 3-arm combi puller | 8458 225 x 240 mm |
| 1 | Separator | 8475 110 x 110 mm |
| 1 | Pulling device | 8476 175 x 195 mm |
| 2 | Stud extractors | 8489 B 4,5 - 9,5 mm / 8 - 19 mm |

## FOLLOWING PULLERS CAN BE ASSEMBLED WITH 8464:

*Model 8476*

*Model 8475*

*Model 8453*

*Model 8456*

*Model 8456 C*

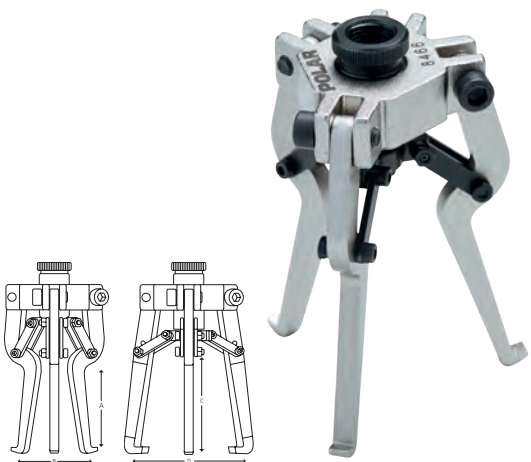
*Model 8457*

*Model 8458*

*Model 8489 B*

## 8466 **2- & 3-ARM COMBI PULLER**

- Internal and external puller.
- Used together with slidehammer (8471).
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | KG | |
|---|---|---|---|---|---|---|---|
| 8466-0001 | 036168 | 45 | 25-100 | 60 | 0-75 | 0,5 | 1 |

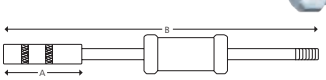
## 8467 **COMBI PULLER WITH SLIDEHAMMER**

- Internal and external puller.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | KG | |
|---|---|---|---|
| 8467-0001 | 036175 | 2 | 1 |

## 8471 **SLIDEHAMMER**

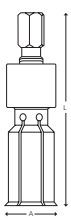
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | THREAD SIZE | KG | |
|---|---|---|---|---|---|---|
| 8471-0001 | 036298 | 90 | 360 | 1/2" | 1,4 | 1 |

## 8470 **INTERNAL EXTRACTOR**

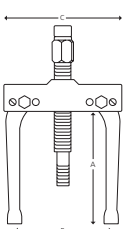
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | L MM | KG | |
|---|---|---|---|---|---|---|
| 8470-0507 | 036182 | 5-7 | 27 | 82 | 0,1 | 1 |
| 8470-0811 | 036199 | 8-11 | 40 | 90 | 0,1 | 1 |
| 8470-1214 | 036205 | 12-14 | 64 | 108 | 0,3 | 1 |
| 8470-1519 | 036212 | 15-19 | 64 | 125 | 0,3 | 1 |
| 8470-2024 | 036229 | 20-24 | 65 | 125 | 0,3 | 1 |
| 8470-2529 | 036236 | 25-29 | 65 | 125 | 0,4 | 1 |
| 8470-3037 | 036243 | 30-37 | 65 | 125 | 0,4 | 1 |
| 8470-3846 | 036250 | 38-46 | 65 | 125 | 0,5 | 1 |
| 8470-4754 | 036267 | 47-54 | 88 | 175 | 1,3 | 1 |
| 8470-5564 | 036274 | 55-64 | 89 | 175 | 1,6 | 1 |
| 8470-6576 | 036281 | 65-76 | 89 | 175 | 2,0 | 1 |

## 8472 **COUNTERSTAY**

- Fits all internal extractors model 8470.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | KG | |
|---|---|---|---|---|---|---|
| 8472-0001 | 036304 | 124 | 135 | 130 | 1,5 | 1 |

# POLAR
## PULLERS

## 8473 S/14 **INTERNAL PULLER SET W/ SLIDEHAMMER AND COUNTERSTAY**

**ITEM NO. 8473-0001**

- For extracting ball bearings, Ø 5-46 mm.
- Supplied in plast case.
- 14 tools.

390 MM | 95 MM | 330 MM

5704196 036311

5,5 KG | 1

*CONTENT:*

| QTY. | DESCRIPTION | MODEL |
|---|---|---|
| 1 | Slidehammer | 8471 |
| 1 | Counterstay | 8472 |
| 1 | Adaptor | |
| 3 | Spindel | |
| 8 | Internal extractor | 8470-0507 - 8470-0811 - 8470-1214 - 8470-1519 - 8470-2024 - 8470-2529 - 8470-3037 - 8470-3846 |

## 8474 S/11 **INTERNAL PULLER SET W/ COUNTERSTAY**

**ITEM NO. 8474-0001**

- For extracting ball bearings, Ø 12-46 mm.
- Supplied in plast case.
- 11 tools.

390 MM | 95 MM | 330 MM

5704196 036328

3,7 KG | 1

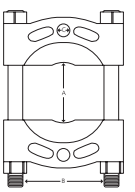


*CONTENT:*

| QTY. | DESCRIPTION | MODEL |
|---|---|---|
| 1 | Counterstay | 8472 |
| 1 | Adaptor | |
| 3 | Spindel | |
| 6 | Internal extractor | 8470-1214 - 8470-1519 - 8470-2024 - 8470-2529 - 8470-3037 - 8470-3846 |

## 8475 **SEPARATORS**

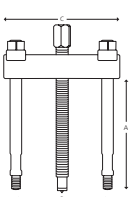
- For removing ball bearings, roller bearings, inner races and other tight parts.
- Used in tight spaces, where pulling hooks cannot be used.
- Surface: Chrome plated.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C INCH | KG | |
|---|---|---|---|---|---|---|
| 8475-0060 | 036335 | 4-60 | 60 | 3/8" | 0,7 | 1 |
| 8475-0080 | 036342 | 6-80 | 80 | 3/8" | 1,3 | 1 |
| 8475-0110 | 036359 | 10-110 | 110 | 5/8" | 2,7 | 1 |
| 8475-0134 | 036366 | 12-134 | 155 | 5/8" | 5,7 | 1 |

## 8476 **PULLING DEVICES**

- Surface: Chrome plated.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | KG | |
|---|---|---|---|---|---|---|
| 8476-0110 | 036373 | 115 | 46-110 | 122 | 1,0 | 1 |
| 8476-0140 | 036380 | 115 | 46-140 | 156 | 1,0 | 1 |
| 8476-0195 | 036397 | 175 | 62-195 | 210 | 3,0 | 1 |
| 8476-0245 | 036403 | 175 | 70-245 | 260 | 3,5 | 1 |

## 8478 S/62 **BALL BEARING EXTRACTOR SET**

**ITEM NO. 8478-0001**

- For ISO 6000 to ISO 6406 deep groove ball bearings.
- Supplied in plast case.
- 62 tools.

5704196 036410

7,5 KG 1

500 MM × 120 MM × 480 MM

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 3 | Ball bearing extractors | |
| 4 | Pulling hooks for ISO 6000-6003, 6200 | 160 mm |
| 4 | Pulling hooks for ISO 6004-6006, 6201-6203, 6300 | 160 mm |
| 4 | Pulling hooks for ISO 6204-6205, 6301-6303 | 180 mm |
| 4 | Pulling hooks for ISO 6007-6013 | 196 mm |
| 4 | Pulling hooks for ISO 6011-6012, 6206-6207, 6304-6306 | 196 mm |
| 4 | Pulling hooks for ISO 6208-6210, 6307, 6403, 6407 | 237 mm |
| 4 | Pulling hooks for ISO 6211-6212, 630-6311, 6404-6408 | 239 mm |
| 22 | Support rings | |
| 6 | Accessories | |

## 8479 **BALL BEARING PULLER SET**

**ITEM NO. 8479-0001**

- For ISO 6004-6010, 6200-6205, 6300-6304 and 61812-61816 bearings.
- Supplied in plast case.
- 14 tools.

200 MM × 50 MM × 140 MM

5704196 036427

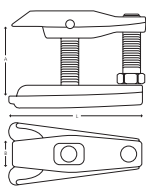
0,9 KG 1

*CONTENT:*

| QTY. | DESCRIPTION | MODEL/SIZE |
|---|---|---|
| 1 | Pulling device | 8479 |
| 3 | Extension sets | 40 - 95 - 105 mm |
| 3 | Adaptor sets | Ø 5,3 x 3,2 - Ø 6 x 4,1 - Ø 8 x 5,1 mm |

## 8480 **ADJUSTABLE BALL JOINT EXTRACTOR**

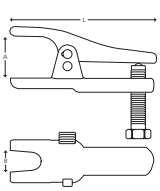
- For extracting ball pins when dismantling ball joints, trackrod ends on trackrods.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | L MM | KG | |
|---|---|---|---|---|---|---|
| 8480-0050 | 036434 | 50 | 18-22 | 100 | 0,7 | 1 |
| 8480-0095 | 036441 | 95 | 28-32 | 157 | 2,6 | 1 |
| 8480-0120 | 036458 | 120 | 32-36 | 191 | 4,9 | 1 |

## 8481 A **ADJUSTABLE BALL JOINT EXTRACTORS LEVER**

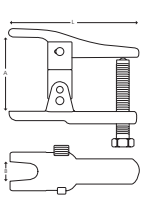
- For extracting ball pins when dismantling ball joints, trackrod ends on trackrods.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | L MM | KG | |
|---|---|---|---|---|---|---|
| 8481-0056 | 036465 | 56 | 20-24 | 161 | 1,2 | 1 |

## 8481 B **ADJUSTABLE BALL JOINT EXTRACTORS LEVER**

- For extracting ball pins when dismantling ball joints, trackrod ends on trackrods.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.

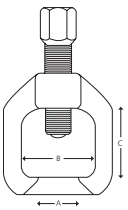


| ITEM NO. | 5704196+ | A MM | B MM | L MM | KG | |
|---|---|---|---|---|---|---|
| 8481-0090 | 036472 | 90 | 20-24 | 161 | 1,7 | 1 |

# POLAR
PULLERS

## 8482 **BALL JOINT SEPARATORS**

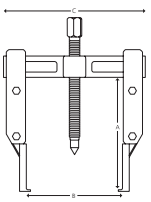
- Universal separator for ball joints.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | MAX. NM | KG | |
|---|---|---|---|---|---|---|---|
| 8482-0018 | 036489 | 18 | 40 | 35 | 50 | 0,4 | 1 |
| 8482-0025 | 036496 | 25 | 50 | 45 | 120 | 0,6 | 1 |
| 8482-0040 | 036502 | 40 | 80 | 80 | 280 | 2,2 | 1 |

## 8485 **UNIVERSAL 2-JAW PULLER WITH EXTREMELY NARROW JAWS**

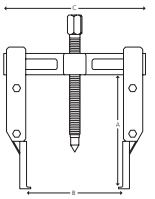
- For removing gears, bearings etc. in tight or difficult to access spaces.
- Surface: Chrome plated. Burnished spindel.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | A MM | B MM | C MM | KG | |
|---|---|---|---|---|---|---|
| 8485-0105 | 036519 | 110 | 140 | 186 | 1,4 | 1 |
| 8485-0145 | 036526 | 145 | 140 | 186 | 1,7 | 1 |
| 8485-0195 | 036533 | 195 | 140 | 186 | 2,1 | 1 |
| 8485-0300 | 055572 | 300 | 210 | 280 | 6,0 | 1 |

## 8486 **3-JAW PULLER WITH NARROW JAWS**

- The thin pulling hooks are suitable for narrow, difficult-to-access locations.
- The puller can be used both internally and externally.
- Surface: Nickel-plated. Burnished spindel.
- Material: Chrome-vanadium steel.

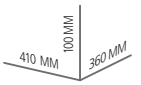


| ITEM NO. | 5704196+ | A MM | B MM | C MM | KG | |
|---|---|---|---|---|---|---|
| 8486-0105 | 036540 | 110 | 125 | 170 | 1,9 | 1 |
| 8486-0145 | 036557 | 145 | 125 | 170 | 2,5 | 1 |
| 8486-0195 | 036533 | 195 | 125 | 170 | 3,1 | 1 |

## 8487 S/9 **2-ARM PULLER SET**

**ITEM NO. 8487-0004**

- Farm and workshop puller set.
- With 4 pairs of jaws of varying lengths.
- Supplied in plast case.
- 9 tools.




5704196 036571

6,5 KG 1

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Pulling device | |
| 4 | Jaws set | 111 x 30 / 145 x 30 / 186 x 30 / 182 x 12,5 mm |

## 8489 S/25 **BOLT EXTRACTOR SET**

**ITEM NO. 8489-0514**

- Thread size: M5-M16.
- Supplied in plast case.
- 25 tools.

5704196 036588

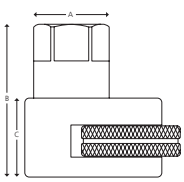
0,7 KG  1  205 MM  50 MM  135 MM

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 5 | Profile pins | |
| 5 | Drills | 4, 5, 6, 7.5 og 8.5 mm |
| 10 | Guides | M5, M6-M6, Ø7-M8, M8-3/8", M8-1/2", Ø9-M10, M10-7/16", Ø11-M12, M12-M14, M14-M16 |
| 5 | Nuts | 10, 13, 14, 16, 18 mm |

## 8489 B **STUD EXTRACTOR**

- Surface: Chrome plated.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | C MM | KG | |
|---|---|---|---|---|---|---|---|
| 8489-4595 | 046655 | 4,5 - 9,5 | 12 | 46 | 25 | 0,1 | 1 |
| 8489-0819 | 046662 | 8 - 19 | 21 | 60 | 31 | 0,4 | 1 |
| 8489-1525 | 046679 | 15- 25 | 30 | 68 | 38 | 0,6 | 1 |

## 8490 **SCREW EXTRACTOR SET**

- Supplied in plastic pouch.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 8490-0005 | 026817 | 5 | 3 - 5 - 6 - 8 - 9,5 mm | 126 | 1 |

## 8492 **SCREW EXTRACTOR SET**

- Supplied in plastic box.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 8492-0005 | 039688 | 5 | 3-6, 6-8, 8-11, 11-14, 14-18 | 130 | 25 |

# INSULATED TOOLS

*POLAR insulated tools are individually tested to protect up to 1000V AC. VDE and GS approved.*

- Wrenches.
- Knives.
- Screwdrivers.
- Hexagon keys.
- Pliers.
- Sockets.
- Ratchets.
- Extensions.
- T-handles.

## 2012 **INSULATED OPEN END WRENCHES**

ISO 10102, DIN 3110.

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Open end angled at 15°.
- Material: Chrome-vanadium steel.

1000V IEC60900 C

| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 2012-8008 | 052892 | 8 | 25,0 | 8,0 | 102,0 | 28 | 1 |
| 2012-8010 | 052908 | 10 | 28,8 | 9,0 | 112,0 | 41 | 1 |
| 2012-8011 | 052915 | 11 | 28,8 | 9,0 | 112,0 | 62 | 1 |
| 2012-8012 | 052922 | 12 | 33,0 | 9,8 | 130,0 | 61 | 1 |
| 2012-8013 | 052939 | 13 | 33,0 | 9,8 | 130,0 | 63 | 1 |
| 2012-8014 | 052946 | 14 | 36,8 | 10,0 | 152,0 | 82 | 1 |
| 2012-8015 | 052953 | 15 | 36,8 | 10,0 | 152,0 | 80 | 1 |
| 2012-8017 | 052960 | 17 | 36,8 | 11,3 | 162,5 | 105 | 1 |
| 2012-8019 | 052977 | 19 | 36,8 | 11,6 | 177,5 | 135 | 1 |
| 2012-8022 | 052984 | 22 | 36,8 | 13,2 | 197,5 | 188 | 1 |
| 2012-8024 | 052991 | 24 | 36,8 | 15,0 | 222,5 | 251 | 1 |

## 2112 **INSULATED OFFSET RING WRENCH**

ISO 10104, DIN 838.

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- 12-Point ring angled at 75°.
- Material: Chrome-vanadium steel.

1000V IEC60900 C

| ITEM NO. | 5704196+ | SIZE MM | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 2112-8008 | 053004 | 8 | 20,0 | 8,6 | 125 | 60 | 1 |
| 2112-8010 | 053011 | 10 | 22,0 | 10,6 | 145 | 78 | 1 |
| 2112-8011 | 053028 | 11 | 23,7 | 10,8 | 155 | 94 | 1 |
| 2112-8012 | 053035 | 12 | 23,7 | 10,8 | 165 | 93 | 1 |
| 2112-8013 | 053042 | 13 | 26,7 | 11,8 | 175 | 127 | 1 |
| 2112-8014 | 053059 | 14 | 28,0 | 12,4 | 185 | 147 | 1 |
| 2112-8015 | 053066 | 15 | 31,3 | 13,5 | 195 | 144 | 1 |
| 2112-8017 | 053073 | 17 | 34,3 | 14,8 | 215 | 173 | 1 |
| 2112-8019 | 053080 | 19 | 38,5 | 15,9 | 235 | 218 | 1 |
| 2112-8022 | 053097 | 22 | 38,5 | 15,9 | 265 | 279 | 1 |
| 2112-8024 | 053103 | 24 | 43,3 | 16,8 | 285 | 351 | 1 |

## 2605 **INSULATED ADJUSTABLE WRENCHES**

DIN 3117.

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Satin chrome finish.
- Material: Chrome-vanadium steel.

1000V IEC60900 C

| ITEM NO. | 5704196+ | SIZE " | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 2605-8008 | 053110 | 8" | 28 | 213 | 260 | 1 |
| 2605-8010 | 053127 | 10" | 33 | 264 | 423 | 1 |

## 9132 **INSULATED KNIFE**

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Blade in stainless steel.

1000V IEC60900 C

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9132-8001 | 053202 | 190 | 95 | 1 |

## 9133 **INSULATED KNIFE**

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Blade in stainless steel.

1000V IEC60900 C

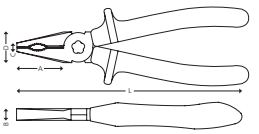
| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9133-8001 | 053219 | 190 | 95 | 1 |

# POLAR
## INSULATED TOOLS

## 3001 INSUL. COMBINATION PLIER

IEC 60900:2004, ISO 5746, DIN 5746

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with cutter for piano wire (200 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

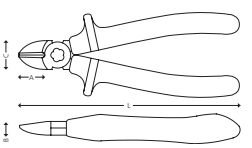


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | D MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3001-1180 | 023120 | 180 | 1,8 | 38,0 | 10,0 | 6,0 | 26,5 | 264 | 6 |

## 3002 INSUL. DIAGONAL CUTTER

IEC 60900:2004, ISO 5749, DIN 5749

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with cutter for hard wire (160 kg/mm²).
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

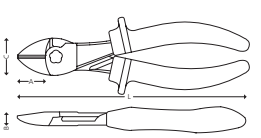


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 3002-1160 | 023137 | 160 | 1,6 | 20,0 | 10,0 | 19,6 | 184 | 6 | 611723 |

## 3004 INSUL. HEAVY-DUTY DIAGONAL CUTTER

IEC 60900:2004, ISO 5749, DIN 5749

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with cutter for piano wire (200 kg/mm²).
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

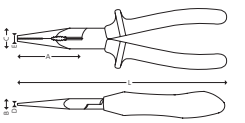


| ITEM NO. | 5704196+ | L MM | Ø MAX. MM | A MM | B MM | C MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 3004-1180 | 023144 | 180 | 1,8 | 21,0 | 11,1 | 28,6 | 260 | 6 | 611728 |

## 3005 INSUL. HALF-ROUND LONG NOSE PLIERS WITH STRAIGHT JAWS

IEC 60900:2004, ISO 5745, DIN 5745

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

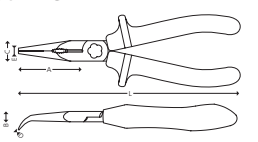


| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3005-1160 | 023151 | 160 | 1,6 | 2,0 x 3,0 | 48,0 | 8,0 | 18,3 | 146 | 6 |
| 3005-1200 | 023168 | 200 | 2,0 | 3,0 x 4,0 | 70,0 | 10,7 | 21,4 | 242 | 6 |

## 3006 INSUL. HALF-ROUND NOSE PLIERS W/ BENT JAWS

IEC 60900:2004

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with cutter for hard wire (160 kg/mm²) and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

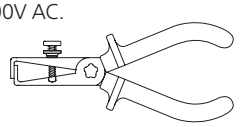


| ITEM NO. | 5704196+ | L MM | Ø MAX MM | D X E MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 3006-0160 | 023175 | 160 | 1,6 | 2,0 x 3,5 | 45,0 | 9,0 | 18,0 | 144 | 6 |
| 3006-1200 | 023182 | 200 | 2,0 | 2,5 x 4,0 | 65,0 | 10,5 | 21,5 | 244 | 6 |

## 3009 INSUL. WIRE STRIPPER

IEC 60900:2004

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with opening spring and adjusting screw.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

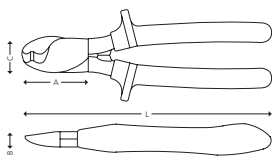


| ITEM NO. | 5704196+ | MAX. MM² | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|
| 3009-1160 | 023199 | 6 | 160 | 146 | 6 | 611742 |

## 3010 **INSUL. CABLE CUTTER**

IEC 60900:2004

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Precisely treated and sharpened jaws.
- Cuts single or multi-strand aluminum and copper cables.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

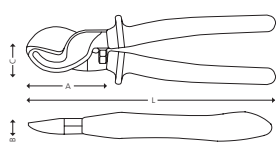


| ITEM NO. | 5704196+ | L MM | Ø MAX. | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|
| 3010-1160 | 023205 | 160 | 9 mm / 22 mm² | 45 | 1,3 | 23,4 | 192 | 6 |

## 3011 **INSUL. CABLE CUTTER**

IEC 60900:2004

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Precisely treated and sharpened jaws.
- Cuts single or multi-strand aluminum and copper cables.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.

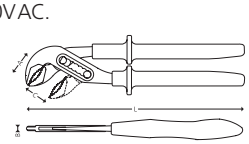


| ITEM NO. | 5704196+ | L MM | Ø MAX. | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|---|
| 3011-1250 | 023212 | 250 | 13 mm / 60 mm² | 67 | 13 | 43 | 478 | 6 |

## 3020 **INSUL. BOX-JOINT WATER PUMP PLIER**

IEC 60900:2004, ISO 8976, DIN 8976

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Model with 7 positions and knurled gripping surface.
- Ergonomic handles with wide palm support.
- Surface: Phosphatised finish with polished head.
- Material: Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | L MM | A MM | B MM | C MM | G | |
|---|---|---|---|---|---|---|---|
| 3020-1250 | 023229 | 250 | 35,0 | 8,0 | 34,0 | 374 | 6 |

## 3091 S/4 **INSULATED PLIER SET, 4 PCS.**

- Supplied in nylon bag.
- Content: 1 Insulated combination plier (3001), 180 mm
  1 Insulated diagonal plier (3002), 160 mm
  1 Insulated long nose plier (3005), 160 mm
  1 Insulated wire stripper (3009), 160 mm

| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 3091-0004 | 023236 | Insulated plier set, 4 pcs. | 866 | 20 |
| P3091-0004 | 027036 | Empty pouch for 3091-0004 | 122 | 1 |

## 3091 S/7 **INSULATED PLIER SET, 7 PCS.**

- Supplied in nylon bag.
- Content: 1 Insulated combination plier (3001), 180 mm
  1 Insulated diagonal plier (3002), 160 mm
  1 Insulated long nose plier (3005), 160 mm
  1 Insulated wire stripper (3009), 160 mm
  1 Insulated cable cutter (3010), 160 mm
  1 Insulated water pump plier (3020), 250 mm
  1 Electricians scissor (3500), 140 mm

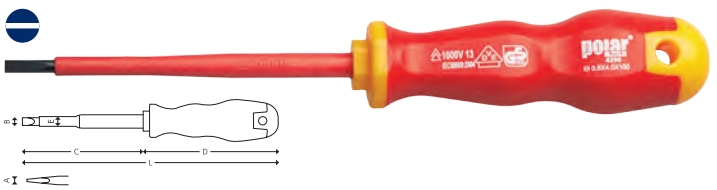
| ITEM NO. | 5704196+ | | G | |
|---|---|---|---|---|
| 3091-0007 | 023243 | Insulated plier set, 7 pcs. | 1596 | 12 |
| P3091-0007 | 027043 | Empty pouch for 3091-0007 | 224 | 1 |

# POLAR
## INSULATED TOOLS

## 4200 INSULATED SCREWDRIVERS FOR SLOTTED HEAD SCREWS

IEC 60900:2004, ISO 2380, DIN 5264

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Insulation moulded directly onto the blade.
- Ergonomic soft grip handle.
- Cylindrical blade.
- Surface: Insulated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.





| ITEM NO. | 5704196+ | A X B X C MM | D MM | E MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 4200-0025 | 022949 | 0,4 x 2,5 x 75 | 85 | 4,2 | 160 | 28 | 10 |
| 4200-0030 | 022956 | 0,5 x 3,0 x 100 | 85 | 4,7 | 185 | 32 | 10 |
| 4200-0035 | 022963 | 0,6 x 3,5 x 100 | 85 | 5,3 | 185 | 34 | 10 |
| 4200-0040 | 022970 | 0,8 x 4,0 x 100 | 105 | 6,0 | 215 | 58 | 10 |
| 4200-0055 | 022987 | 1,0 x 5,5 x 125 | 105 | 7,4 | 230 | 78 | 10 |
| 4200-0065 | 022994 | 1,2 x 6,5 x 150 | 115 | 8,5 | 270 | 114 | 10 |
| 4200-0080 | 023007 | 1,2 x 8,0 x 175 | 125 | 9,9 | 300 | 185 | 10 |

## 4210 INSULATED SCREWDRIVERS FOR PHILLIPS® HEAD SCREWS

IEC 60900:2004, ISO 8764, DIN 5260

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Insulation moulded directly on to the blade.
- Ergonomic soft grip handle.
- Surface: Insulated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PH | C MM | D MM | E MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4210-0100 | 023014 | 0 | 60 | 85 | 4,7 | 145 | 29 | 10 |
| 4210-0101 | 023021 | 1 | 80 | 105 | 6,8 | 190 | 64 | 10 |
| 4210-0102 | 023038 | 2 | 100 | 115 | 7,8 | 215 | 94 | 10 |
| 4210-0103 | 023045 | 3 | 150 | 125 | 9,9 | 280 | 173 | 10 |

## 4220 INSULATED SCREWDRIVERS FOR POZIDRIV® HEAD SCREWS

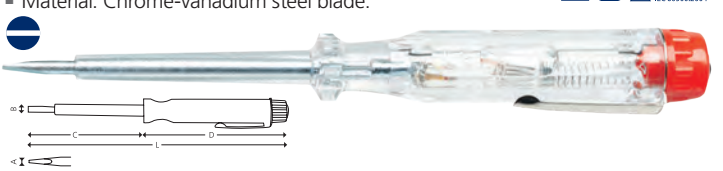
IEC 60900:2004, ISO 8764, DIN 5260

- Every tool is individually tested to protect up to 1000V AC.
- VDE and GS approved.
- Insulation moulded directly on to the blade.
- Ergonomic soft grip handle.
- Surface: Insulated blade with burnished tip.
- Material: Chrome-molybdenum steel blade.

| ITEM NO. | 5704196+ | PZ | C MM | D MM | E MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|
| 4220-0100 | 023052 | 0 | 60 | 85 | 4,7 | 145 | 29 | 10 |
| 4220-0101 | 023069 | 1 | 80 | 105 | 6,8 | 190 | 64 | 10 |
| 4220-0102 | 023076 | 2 | 100 | 115 | 7,8 | 215 | 94 | 10 |
| 4220-0103 | 023083 | 3 | 150 | 125 | 9,9 | 280 | 173 | 10 |

## 4202 VOLTAGE TESTER

- VDE and GS approved.
- Transparent handle with clip.
- Insulation moulded directly onto the blade.
- Cylindrical blade.
- Surface: Insulated chrome plated blade.
- Material: Chrome-vanadium steel blade.





| ITEM NO. | 5704196+ | A X B X C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4202-0030 | 023090 | 0,5 x 3,0 x 60 | 80 | 140 | 16 | 10 |

## 4105 LONG INSULATED HEXAGON KEYS

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Satin chrome finish.
- Material: Silicon alloy steel (S2).

| ITEM NO. | 5704196+ | SIZE MM | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 4105-8003 | 053134 | 3 | 20 | 130 | 15 | 1 |
| 4105-8004 | 053141 | 4 | 24 | 144 | 38 | 1 |
| 4105-8005 | 053158 | 5 | 25 | 164 | 43 | 1 |
| 4105-8006 | 053165 | 6 | 28 | 180 | 68 | 1 |
| 4105-8008 | 053172 | 8 | 34 | 206 | 125 | 1 |
| 4105-8010 | 053189 | 10 | 36 | 232 | 215 | 1 |
| 4105-8012 | 053196 | 12 | 42 | 260 | 334 | 1 |

## 4290 **INSULATED SCREWDRIVER SET - 6 PCS.**

- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4290-0006 | 023106 | 6 | 2.5 x 75 - 3.5 x 100 - 4.0 x 100 - 5.5 x 125<br>PH1 x 80 - PH2 x 100 | 492 | 20 |

## 4290 **INSULATED SCREWDRIVER SET - 9 PCS.**

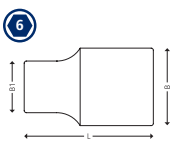
- Supplied in carton box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 4290-0009 | 023113 | 9 | 2.5 x 75 - 4.0 x 100 - 5.5 x 125 - 6.5 x 150<br>PH1 x 80 - PH2 x 100<br>PZ1 x 80 - PZ2 x 100<br>Voltage tester 110-250 V | 790 | 12 |

# POLAR
## INSULATED TOOLS

## 5038 **3/8" INSULATED 6-POINT METRIC SOCKETS**

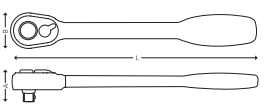
ISO 2725, DIN 3124.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5038-8008 | 052564 | 8 | 22,8 | 18,0 | 45 | 29 | 1 |
| 5038-8010 | 052571 | 10 | 22,8 | 20,0 | 45 | 30 | 1 |
| 5038-8011 | 052588 | 11 | 22,8 | 22,0 | 45 | 32 | 1 |
| 5038-8012 | 052595 | 12 | 22,8 | 22,8 | 45 | 32 | 1 |
| 5038-8013 | 052601 | 13 | 22,8 | 24,0 | 45 | 35 | 1 |
| 5038-8014 | 052618 | 14 | 22,8 | 26,0 | 45 | 37 | 1 |
| 5038-8017 | 052625 | 17 | 22,8 | 30,0 | 47 | 54 | 1 |
| 5038-8019 | 052632 | 19 | 22,8 | 32,0 | 47 | 55 | 1 |

## 5338 **3/8" INSULATED RATCHET**

ISO 3315, DIN 3122.
- Model with 72 teeth and Quick Release.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Material: Chrome-vanadium steel / Chrome molybdenum steel.



| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 5338-8072 | 052717 | 61 | 38 | 198 | 309 | 1 |

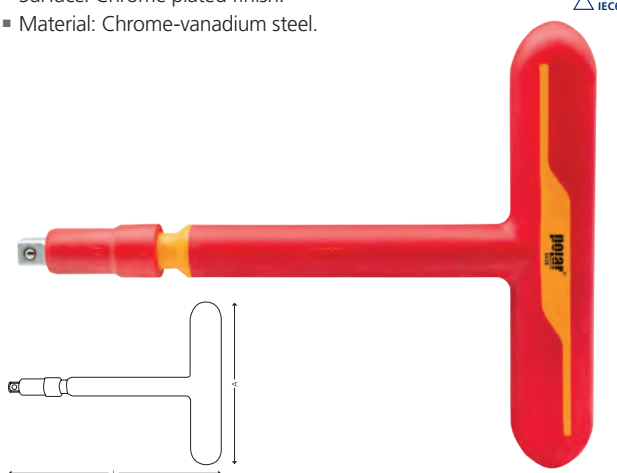
## 5138 **3/8" INSULATED SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422, DIN 3120.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 5138-8004 | 052649 | 4 | 22,8 | 77 | 47 | 1 |
| 5138-8005 | 052656 | 5 | 22,8 | 77 | 53 | 1 |
| 5138-8006 | 052663 | 6 | 22,8 | 77 | 56 | 1 |
| 5138-8008 | 052670 | 8 | 22,8 | 77 | 61 | 1 |

## 5438 **3/8" INSULATED T-HANDLE**

- With Quick Release.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5438-8038 | 052700 | 210 | 160 | 362 | 1 |

## 5238 **3/8" INSULATED EXTENSIONS**

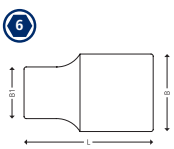
ISO 3316, DIN 3123.
- With Quick Release.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH | L MM | G | |
|---|---|---|---|---|---|
| 5238-8125 | 052687 | 5" | 142 | 126 | 1 |
| 5238-8250 | 052694 | 10" | 267 | 262 | 1 |

## 5012 **1/2" INSULATED 6-POINT METRIC SOCKETS**

ISO 2725, DIN 3124.

- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

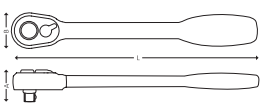


| ITEM NO. | 5704196+ | SIZE MM | B MM | B1 MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 5012-8010 | 052724 | 10 | 26,8 | 21,0 | 55 | 59 | 1 |
| 5012-8011 | 052731 | 11 | 26,8 | 23,0 | 55 | 60 | 1 |
| 5012-8012 | 052748 | 12 | 26,8 | 24,0 | 55 | 62 | 1 |
| 5012-8013 | 052755 | 13 | 26,8 | 25,0 | 55 | 63 | 1 |
| 5012-8014 | 052762 | 14 | 26,8 | 26,0 | 55 | 65 | 1 |
| 5012-8017 | 052779 | 17 | 26,8 | 31,0 | 55 | 76 | 1 |
| 5012-8019 | 052786 | 19 | 26,8 | 33,0 | 55 | 77 | 1 |
| 5012-8022 | 052793 | 22 | 26,8 | 36,0 | 55 | 92 | 1 |
| 5012-8024 | 052809 | 24 | 26,8 | 38,0 | 55 | 95 | 1 |

## 5312 **1/2" INSULATED RATCHET**

ISO 3315, DIN 3122.

- Model with 72 teeth and Quick Release.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Material: Chrome-vanadium steel / Chrome molybdenum steel.

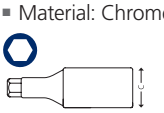


| ITEM NO. | 5704196+ | A MM | B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 5312-8072 | 052885 | 72 | 46,8 | 250 | 547 | 1 |

## 5112 **1/2" INSULATED SOCKET DRIVERS FOR HEX HEAD SCREWS**

DIN 7422, DIN 3120.

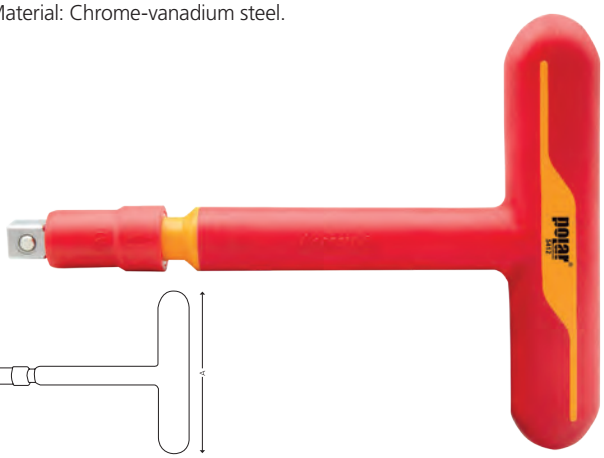
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | SIZE MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 5112-8005 | 052816 | 5 | 26,8 | 95 | 86 | 1 |
| 5112-8006 | 052823 | 6 | 26,8 | 95 | 92 | 1 |
| 5112-8008 | 052830 | 8 | 26,8 | 95 | 99 | 1 |
| 5112-8010 | 052847 | 10 | 26,8 | 95 | 109 | 1 |

## 5412 **1/2" INSULATED T-HANDLE**

- With Quick Release.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.



| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 5412-8012 | 052878 | 210 | 160 | 510 | 1 |

## 5212 **1/2" INSULATED EXTENSIONS**

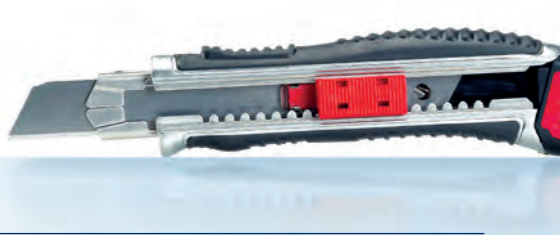
ISO 3316, DIN 3123.

- With Quick Release.
- Every tool is individually tested to protect up to 1000V AC.
- VDE approved.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE INCH | L MM | G | |
|---|---|---|---|---|---|
| 5212-8125 | 052854 | 5" | 142 | 201 | 1 |
| 5212-8250 | 052861 | 10" | 267 | 433 | 1 |

# MISCELLANEOUS PRODUCTS

*POLAR offers a variety of products, knives, files, saws, vices, cable ties, sales displays and more.*



## 3900 **FLAT FILE**

ISO 234, DIN 7285
- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3900-0200 | 013879 | Second Cut | 20 x 5,0 | 200 | 211 | 10 |

## 3904 **TRIANGULAR FILE**

ISO 234, DIN 7285
- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3904-0200 | 013916 | Second Cut | 13 | 200 | 203 | 10 |

## 3901 **ROUND FILE**

ISO 234, DIN 7285
- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | Ø MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3901-0200 | 013886 | Second Cut | 8 | 200 | 158 | 10 |

## 3990 S5 **FILE SET**

- Second cut.
- Supplied in nylon bag.

| ITEM NO. | 5704196+ | QTY. | TYPE | G | |
|---|---|---|---|---|---|
| 3990-0005 | 013862 | 5 | Flat - Round - Halfround - Square - Triangular | 1084 | 12 |
| P3990-0005 | 017051 | 1 | Empty pouch for 3990-0005 | 137 | 1 |

## 3902 **HALFROUND FILE**

ISO 234, DIN 7285
- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3902-0200 | 013893 | Second Cut | 20 x 6,5 | 200 | 229 | 10 |

## 3903 **SQUARE FILE**

ISO 234, DIN 7285
- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3903-0200 | 013909 | Second Cut | 7 x 7 | 200 | 150 | 10 |

## 9357 **THREAD FILES**

- Threadfiles for restoring external threads.
- Surface: Phosphatised finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | THREAD SIZE | G | |
|---|---|---|---|---|---|
| 9357-0001 | 032153 | 230 mm | 0,75, 1,0, 1,25, 1,5, 1,75, 2,20 , 2,5, 3,0 mm | 170 | 1 |
| 9357-0002 | 032160 | 230 mm | UNC/UNF 12, 13, 14, 16, 18, 20, 24, 28 | 170 | 1 |
| 9357-0003 | 032177 | 230 mm | Whitworth W 11, 12, 14, 16, 18, 20, 22, 26 | 170 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

### 3910 FLAT FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3910-2001 | 051307 | Bastard Cut | 5 x 20 | 200 MM | 190 | 5 |
| 3910-2002 | 051314 | Second Cut | 5 x 20 | 200 MM | 190 | 5 |
| 3910-2003 | 051321 | Smooth Cut | 5 x 20 | 200 MM | 190 | 5 |
| 3910-2501 | 051338 | Bastard Cut | 6,3 x 25 | 250 MM | 330 | 5 |
| 3910-2502 | 051345 | Second Cut | 6,3 x 25 | 250 MM | 330 | 5 |
| 3910-2503 | 051352 | Smooth Cut | 6,3 x 25 | 250 MM | 330 | 5 |
| 3910-3001 | 051369 | Bastard Cut | 7 x 30 | 300 MM | 490 | 5 |
| 3910-3002 | 051376 | Second Cut | 7 x 30 | 300 MM | 490 | 5 |
| 3910-3003 | 051383 | Smooth Cut | 7 x 30 | 300 MM | 490 | 5 |

### 3911 ROUND FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | Ø MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3911-2001 | 051574 | Bastard Cut | 8 | 200 MM | 120 | 5 |
| 3911-2002 | 051581 | Second Cut | 8 | 200 MM | 120 | 5 |
| 3911-2003 | 051598 | Smooth Cut | 8 | 200 MM | 120 | 5 |
| 3911-2501 | 051604 | Bastard Cut | 10 | 250 MM | 180 | 5 |
| 3911-2502 | 051611 | Second Cut | 10 | 250 MM | 180 | 5 |
| 3911-2503 | 051628 | Smooth Cut | 10 | 250 MM | 180 | 5 |
| 3911-3001 | 051635 | Bastard Cut | 12,5 | 300 MM | 290 | 5 |
| 3911-3002 | 051642 | Second Cut | 12,5 | 300 MM | 290 | 5 |
| 3911-3003 | 051659 | Smooth Cut | 12,5 | 300 MM | 290 | 5 |

### 3912 HALFROUND FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3912-2001 | 051482 | Bastard Cut | 6 x 21 | 200 MM | 180 | 5 |
| 3912-2002 | 051499 | Second Cut | 6 x 21 | 200 MM | 180 | 5 |
| 3912-2003 | 051505 | Smooth Cut | 6 x 21 | 200 MM | 180 | 5 |
| 3912-2501 | 051512 | Bastard Cut | 7 x 25 | 250 MM | 310 | 5 |
| 3912-2502 | 051529 | Second Cut | 7 x 25 | 250 MM | 310 | 5 |
| 3912-2503 | 051536 | Smooth Cut | 7 x 25 | 250 MM | 310 | 5 |
| 3912-3001 | 051543 | Bastard Cut | 9 x 30 | 300 MM | 460 | 5 |
| 3912-3002 | 051550 | Second Cut | 9 x 30 | 300 MM | 460 | 5 |
| 3912-3003 | 051567 | Smooth Cut | 9 x 30 | 300 MM | 460 | 5 |

### 3913 SQUARE FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3913-2001 | 051390 | Bastard Cut | 8 x 8 | 200 MM | 150 | 5 |
| 3913-2002 | 051406 | Second Cut | 8 x 8 | 200 MM | 150 | 5 |
| 3913-2003 | 051413 | Smooth Cut | 8 x 8 | 200 MM | 150 | 5 |
| 3913-2501 | 051420 | Bastard Cut | 10 x 10 | 250 MM | 220 | 5 |
| 3913-2502 | 051437 | Second Cut | 10 x 10 | 250 MM | 220 | 5 |
| 3913-2503 | 051444 | Smooth Cut | 10 x 10 | 250 MM | 220 | 5 |
| 3913-3001 | 051451 | Bastard Cut | 12,5 x 12,5 | 300 MM | 380 | 5 |
| 3913-3002 | 051468 | Second Cut | 12,5 x 12,5 | 300 MM | 380 | 5 |
| 3913-3003 | 051475 | Smooth Cut | 12,5 x 12,5 | 300 MM | 380 | 5 |

### 3914 TRIANGULAR FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3914-2001 | 051666 | Bastard Cut | 14 | 200 MM | 220 | 5 |
| 3914-2002 | 051673 | Second Cut | 14 | 200 MM | 220 | 5 |
| 3914-2003 | 051680 | Smooth Cut | 14 | 200 MM | 220 | 5 |
| 3914-2501 | 051697 | Bastard Cut | 17 | 250 MM | 350 | 5 |
| 3914-2502 | 051703 | Second Cut | 17 | 250 MM | 350 | 5 |
| 3914-2503 | 051710 | Smooth Cut | 17 | 250 MM | 350 | 5 |
| 3914-3001 | 052069 | Bastard Cut | 20 | 300 MM | 450 | 5 |
| 3914-3002 | 052076 | Second Cut | 20 | 300 MM | 450 | 5 |
| 3914-3003 | 052083 | Smooth Cut | 20 | 300 MM | 450 | 5 |

### 3921 MILL SAW FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3921-0200 | 051727 | Round edges | 4 x 20 | 200 MM | 170 | 5 |
| 3921-0250 | 051734 | Round edges | 5 x 25 | 250 MM | 300 | 5 |

### 3923 MILL SAW FILES

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | FILE TYPE | A X B MM | L MM | G | |
|---|---|---|---|---|---|---|
| 3923-0200 | 051727 | Square edges | 4 x 20 | 200 MM | 160 | 5 |
| 3923-0250 | 051734 | Square edges | 5 x 25 | 250 MM | 290 | 5 |

## 3925 **CABINET RASP**

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | A X B MM | L MM | G | |
|---|---|---|---|---|---|
| 3925-0200 | 051765 | 5 x 24 | 200 MM | 190 | 5 |

## 3929 **TWO-COMPONENT HANDLE**

- Ergonomic soft grip handle.

| ITEM NO. | 5704196+ | COLOR | L MM | G | |
|---|---|---|---|---|---|
| 3929-0001 | 051796 | Black/grey | 114 | 60 | 5 |

## 3933 **CONTACT POINT FILES - 6 PCS.**

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 3933-9006 | 051772 | 6 | 148 x 8,4 x 1 mm | 50 | 1 |

## 3935 **KEY FILE SET - 6 PCS.**

| ITEM NO. | 5704196+ | QTY. | TYPE | L MM | G | |
|---|---|---|---|---|---|---|
| 3935-9006 | 051789 | 6 | Square - Flat-point - Halfround - Rund - Triangular - Flat | 175 | 120 | 1 |

## 3930 S/6 **NEEDLE FILE SET - 6 PCS.**

- Ideal for small precision projects.

| ITEM NO. | 5704196+ | QTY. | TYPE | L MM | G | |
|---|---|---|---|---|---|---|
| 3930-9006 | 051284 | 6 | Flat - Halfround - Flat-point - Square - Round - Triangular | 160 | 116 | 1 |

## 3930 S/12 **NEEDLE FILE SET - 12 PCS.**

- Ideal for small precision projects.

| ITEM NO. | 5704196+ | QTY. | TYPE | L MM | G | |
|---|---|---|---|---|---|---|
| 3930-9012 | 051291 | 12 | Knife - Barrette - Crossing - Oval - Feather edge - Flat-point - Flat - Halfround - Triangular - Square - Round - Flat, round edge | 160 | 232 | 1 |

## 3937 **FILE BRUSH**

- Material: 0,30 mm steel wire.
- Wooden handle.

| ITEM NO. | 5704196+ | L MM | BRUSH LENGTH MM | G | |
|---|---|---|---|---|---|
| 3937-0001 | 051932 | 250 mm x 40 mm | 8 mm | 74 g | 12 |

# POLAR
## MISCELLANEOUS PRODUCTS

## 8270 **NUMBER PUNCH SET**

DIN 1451.

- Set with 9 pcs. hand stamps with numbers.
- For marking of steel with a strength of 600-800 N/mm².
- Hardness at the engraving: 58-61 HRC.
- Supplied in blue plastic box.
- Materiale: Tool steel.

| ITEM NO. | 5704196+ | SIZE OF CHARACTER MM | W x D x H MM | G | |
|---|---|---|---|---|---|
| 8270-0002 | 050942 | 2 mm | 6 x 6 x 65 mm | 150 g | 1 |
| 8270-0003 | 050959 | 3 mm | 6 x 6 x 65 mm | 150 g | 1 |
| 8270-0004 | 050966 | 4 mm | 7 x 7 x 65 mm | 200 g | 1 |
| 8270-0005 | 050973 | 5 mm | 8 x 8 x 65 mm | 300 g | 1 |
| 8270-0006 | 050980 | 6 mm | 9 x 9 x 75 mm | 400 g | 1 |
| 8270-0007 | 050997 | 7 mm | 11 x 11 x 76 mm | 600 g | 1 |
| 8270-0008 | 051000 | 8 mm | 11 x 11 x 76 mm | 600 g | 1 |
| 8270-0010 | 051017 | 9 mm | 12 x 12 x 80 mm | 800 g | 1 |

## 8272 **CAPITAL LETTER PUNCH SET**

DIN 1451.

- Set with 27 pcs. hand stamps with capital letters.
- For marking of steel with a strength of 600-800 N/mm².
- Hardness at the engraving: 58-61 HRC.
- Supplied in blue plastic box.
- Materiale: Tool steel.

| ITEM NO. | 5704196+ | SIZE OF CHARACTER MM | W x D x H MM | G | |
|---|---|---|---|---|---|
| 8272-0002 | 051024 | 2 mm | 6 x 6 x 65 mm | 500 g | 1 |
| 8272-0003 | 051031 | 3 mm | 6 x 6 x 65 mm | 500 g | 1 |
| 8272-0004 | 051048 | 4 mm | 7 x 7 x 65 mm | 600 g | 1 |
| 8272-0005 | 051055 | 5 mm | 8 x 8 x 65 mm | 800 g | 1 |
| 8272-0006 | 051062 | 6 mm | 9 x 9 x 75 mm | 1200 g | 1 |
| 8272-0007 | 051079 | 7 mm | 11 x 11 x 76 mm | 1850 g | 1 |
| 8272-0008 | 051086 | 8 mm | 11 x 11 x 76 mm | 1850 g | 1 |
| 8272-0010 | 051093 | 10 mm | 12 x 12 x 80 mm | 2300 g | 1 |

## 8275 **PUNCH GRIP**

- With setting wheel.
- Allows safe distance between the stamping head and the hand of the worker.
- Adjustable fitting of the punch by turning the setting wheel.
- Sturdy plastic grip.
- Suitable for all stamps with max. cross section of 20 x 20 mm.

| VARE NR. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 8275-0001 | 051109 | 180 mm | 160 g | 1 |

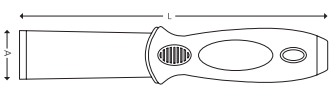
## 8275 **SAFETY PUNCH GRIP**

- For heavy-duty industrial use.
- Allows safe distance between the stamping head and the hand of the worker.
- Quick-change device with spring-locking.
- Strong and durable metalconstruction.
- Suitable for all stamps with max. cross section of 20 x 20 mm.

| VARE NR. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 8275-0002 | 051116 | 175 mm | 460 g | 1 |

## 8305 **SCRAPER, STRAIGHT - 32 MM**

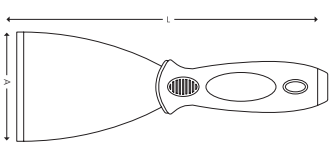
- Straight model.
- Durable stainless steel blade. Ergonomic antislip bimaterial grip.
- Steel dome on the rear.




| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 8305-0032 | 028095 | 32 | 203 | 114 | 1 |

## 8305 **SCRAPER, STRAIGHT - 75 MM**

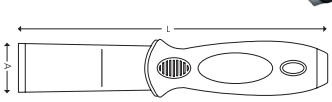
- Straight model.
- Durable stainless steel blade. Ergonomic antislip bimaterial grip.
- Steel dome on the rear.




| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 8305-0075 | 028118 | 75 | 217 | 157 | 1 |

## 8305 **SCRAPER, BENT - 32 MM**

- Bent model.
- Durable stainless steel blade. Ergonomic antislip bimaterial grip.
- Steel dome on the rear.




| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 8305-1032 | 028101 | 32 | 201 | 114 | 1 |

## 8395 **SET OF 3 SCRAPERS**

- Supplied in nylon bag.
- Content: 1 scraper, straight (8305) 32 mm
  1 scraper, straight (8305) 75 mm
  1 scraper, bent (8305) 32 mm

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 8395-0003 | 028125 | 485 | 20 |

## 8320 **COMPOSITE SCRAPER SET - 4 PCS.**

- Material: POM-plastic.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 8320-0004 | 051185 | 4 | 19 - 22 - 25 - 38 mm | 500 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

### 8310 **FLAT SCRAPERS**

- Special steel. Working ends polished.
- With wooden handle.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8310-0200 | 043371 | 5 | 20 | 200 | 320 | 208 | 10 |
| 8310-0250 | 043388 | 6 | 25 | 250 | 370 | 342 | 10 |

### 8312 **GASKET SCRAPER**

- Ergonomic soft grip handle.
- Surface: Chrome plated. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8312-1160 | 045832 | 2 | 26 | 270 | 161 | 154 | 10 |

### 8312 **GASKET SCRAPER**

- Special steel. Working ends polished.
- With wooden handle.

| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8312-0150 | 043395 | 1,6 | 25 | 140 | 260 | 146 | 10 |

### 8330 **HOOK – 135° BENT**

- For removal and use of O-rings and seals.
- Ergonomic soft grip handle.
- Surface: Chrome plated. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 8330-0001 | 045788 | 207 | 97 | 10 |

### 8316 **TRIANGULAR HOLLOW-GROUND SCRAPERS**

- Special steel. Working ends polished.
- With wooden handle.

| ITEM NO. | 5704196+ | C MM | L MM | G | |
|---|---|---|---|---|---|
| 8316-0200 | 043401 | 190 | 310 | 140 | 10 |
| 8316-0250 | 043418 | 245 | 365 | 172 | 10 |

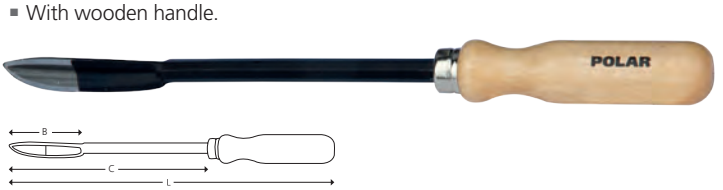
### 8332 **HOOK – 90° OFFSET**

- For removal and use of O-rings and seals.
- Ergonomic soft grip handle.
- Surface: Chrome plated. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 8332-0001 | 045795 | 238 | 94 | 10 |

### 8318 **TRIANGULAR SPOON SCRAPERS**

- Special steel. Working ends polished.
- With wooden handle.




| ITEM NO. | 5704196+ | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|
| 8318-0200 | 043425 | 75 | 200 | 320 | 182 | 10 |
| 8318-0250 | 043432 | 78 | 250 | 370 | 214 | 10 |

### 8335 **TRIM CLIP REMOVAL TOOL**

- Trim and panel removal tool.
- Ergonomic soft grip handle.
- Surface: Chrome plated. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | A MM | A1 MM | B MM | B1 MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|---|---|
| 8335-0001 | 049472 | 6 | 9 | 7 | 13 | 125 | 235 | 124 | 10 |

## 8336 TRIM & PANEL REMOVAL SET - 5 PCS.

- Material: POM-plastic and nylon.

| ITEM NO. | 5704196+ | QTY. | G | |
|---|---|---|---|---|
| 8336-9005 | 051208 | 5 | 275 | 1 |

## 8336 TRIM & PANEL REMOVAL SET - 11 PCS.

- Supplied in nylon bag.
- Material: POM-plastic and nylon.

| ITEM NO. | 5704196+ | QTY. | G | |
|---|---|---|---|---|
| 8336-9011 | 051215 | 11 | 630 | 1 |

## 8340 HOOK & PICK TOOL SET - 4 PCS.

- Supplied in plastic pouch.
- Material: Chrome-vanadium steel. Aluminium handle.

| ITEM NO. | 5704196+ | QTY. | SIZE MM | G | |
|---|---|---|---|---|---|
| 8340-9004 | 050935 | 4 | Hook - 90° bent - 45° bent - Straight | 98 | 1 |

## 8350 ROLLING HEAD PRY BARS

- 90° angled head with long pointed end.
- Surface: Chrome plated. Material: Special steel.

| ITEM NO. | 5704196+ | L MM | A MM | G | |
|---|---|---|---|---|---|
| 8350-0300 | 045832 | 305 | 35 | 224 | 1 |
| 8350-0400 | 045849 | 408 | 44 | 464 | 1 |
| 8350-0500 | 045856 | 505 | 60 | 900 | 1 |

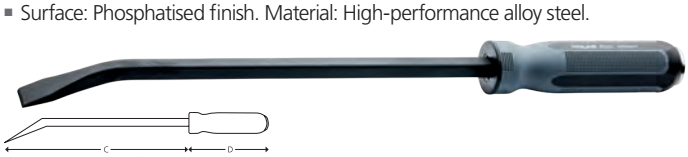
## 8353 PRY BAR

- Surface: Chrome plated. Material: Special steel.

| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 8353-0400 | 049489 | 20 | 400 | 450 | 1 |

## 8352 HEAVY-DUTY PRY BARS

- Pry bars for prying and bending.
- Supplied with go-through blade. Ergonomic soft grip handle with impact cap.
- Surface: Phosphatised finish. Material: High-performance alloy steel.




| ITEM NO. | 5704196+ | C MM | D MM | L MM | G | |
|---|---|---|---|---|---|---|
| 8352-0200 | 049526 | 93 | 112 | 205 | 140 | 1 |
| 8352-0300 | 045863 | 181 | 132 | 313 | 318 | 1 |
| 8352-0450 | 045870 | 315 | 145 | 460 | 546 | 1 |
| 8352-0600 | 045887 | 470 | 167 | 617 | 688 | 1 |

## 8352 SET WITH HEAVY-DUTY PRY BARS

- Supplied in plastic box.

| ITEM NO. | 5704196+ | QTY. | SIZE | G | |
|---|---|---|---|---|---|
| 8352-9004 | 049533 | 4 | 200 - 300 - 450 - 600 mm | 1900 | 10 |

# POLAR
# MISCELLANEOUS PRODUCTS

## 8354 **TYRE LEVERS**

- With rounded edges.
- Surface: Chrome plated finish. Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 8354-0300 | 048536 | 300 | 350 | 50 |
| 8354-0380 | 048543 | 380 | 380 | 50 |
| 8354-0530 | 048550 | 530 | 850 | 20 |
| 8354-0650 | 048567 | 650 | 1075 | 20 |

## 8494 **NUT SPLITTERS**

- Safe removal of corroded or damaged nuts without damaging bolt threads.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | CAPACITY | G | |
|---|---|---|---|---|
| 8494-0312 | 039695 | 3-12 mm | 78 | 10 |
| 8494-1216 | 039701 | 12-16 mm | 164 | 10 |
| 8494-1622 | 039718 | 16-22 mm | 362 | 5 |
| 8494-2227 | 039725 | 22-27 mm | 642 | 5 |

## 8494 S/3 **NUT SPLITTER SET**

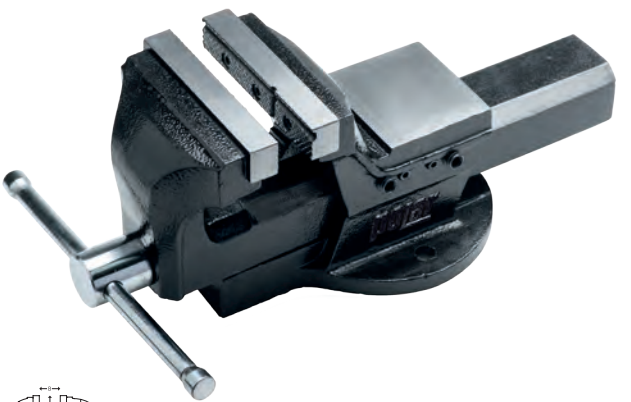
- Supplied in nylon bag.
- Sizes: 3-12 mm, 12-16 mm and 16-22 mm

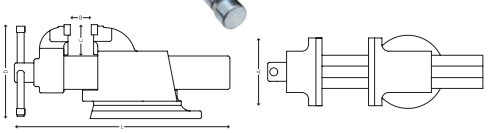
3 TOOLS

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 8494-0003 | 039732 | 636 | 24 |

## 8400 **BENCH VISES**

- Model made of cast carbon steel with anvil.
- Equipped with pipe jaws. Replacable top jaws.
- Surface: Black hammer paint.
- *Model 8400-0075 is supplied with swivel base.*

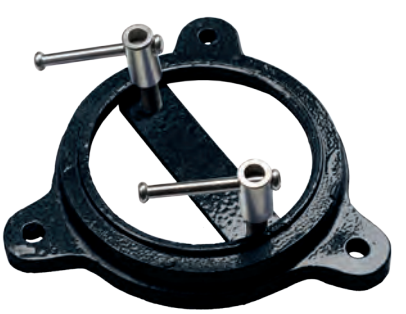




| ITEM NO. | 5704196+ | A MM | B MM | C MM | D MM | L MM | KG | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|---|
| 8400-0075 | 009940 | 80 | 85 | 50 | 125 | 280 | 4,1 | 1 | 613786 |
| 8400-0100 | 009476 | 100 | 95 | 70 | 125 | 315 | 7,3 | 1 | 613774 |
| 8400-0125 | 009483 | 125 | 145 | 80 | 150 | 410 | 10,7 | 1 | 613776 |
| 8400-0150 | 009490 | 150 | 167 | 100 | 175 | 465 | 17,0 | 1 | 613777 |
| 8400-0175 | 020037 | 175 | 215 | 117 | 210 | 530 | 25,0 | 1 | 613778 |

## 8400 **360° SWIVEL BASE FOR BENCH VISE**

- Surface: Black hammer paint.



| ITEM NO. | 5704196+ | KG | |
|---|---|---|---|
| 8400-1100 | 020044 | 0,8 | 1 |
| 8400-1125 | 020051 | 1,0 | 1 |
| 8400-1150 | 020068 | 1,6 | 1 |
| 8400-1175 | 020075 | 1,9 | 1 |

## 8572 **3/8" RATCHETING T-HANDLE TAP WRENCH** M4-M10

- Model with 24 teeth. Right and left function.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 8572-0310 | 050652 | M4 - M10 | 214 | 1 |

## 8572 **RATCHETING T-HANDLE TAP WRENCH** M6-M14

- Model with 24 teeth. Right and left function.
- Surface: Chrome plated finish.
- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | SIZE | G | |
|---|---|---|---|---|
| 8572-0614 | 050669 | M6 - M14 | 604 | 1 |

## 8580 **OUTER REAMER**

- The outer reamer is operated by a hand drill.
- Applicable to rounds, bars, threaded rods and screws (all grades of steel), fiberglass and hard plastic.
- Max. rotation speed: 400 RPM.
- HSS blades.
- Material: Zinc, laquered.

| ITEM NO. | 5704196+ | CAPACITY | G | |
|---|---|---|---|---|
| 8580-0319 | 046433 | 3-19 mm (1/8"-3/4") | 66 | 1 |

## 8610 **OIL FILTER STRAP WRENCHES**

- Material: Chrome-vanadium steel.

| ITEM NO. | 5704196+ | CAPASITY MM | L MM | L1 MM | B MM | G | |
|---|---|---|---|---|---|---|---|
| 8610-0225 | 028422 | 25-160 | 225 | 585 | 19 | 375 | 10 |
| 8610-0300 | 028439 | 60-260 | 300 | 840 | 27 | 594 | 10 |
| 8610-1225 | 028446 | Strap for 225 mm | | | | 108 | 1 |
| 8610-1300 | 028453 | Strap for 300 mm | | | | 129 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

### 8670 **STEEL WIRE BRUSH**

- Material: 4 rows 0,35 mm steel wire. Wooden handle.

| ITEM NO. | 5704196+ | L MM | BRUSH LENGTH MM | G | |
|---|---|---|---|---|---|
| 8670-0001 | 050867 | 290 mm | 25 mm | 128 g | 12 |

### 8674 B **UNIVERSAL WIRE BRUSH, BRASS**

- Material: Brass. Plastic handle.

| ITEM NO. | 5704196+ | L MM | BRUSH LENGTH MM | G | |
|---|---|---|---|---|---|
| 8674-0001 | 050874 | 260 mm | 28 mm | 142 g | 12 |

### 8674 S **UNIVERSAL WIRE BRUSH, STAINLESS STEEL**

- Material: Stainless steel. Plastic handle.

| ITEM NO. | 5704196+ | L MM | BRUSH LENGTH MM | G | |
|---|---|---|---|---|---|
| 8674-0002 | 050881 | 260 mm | 28 mm | 134 g | 12 |

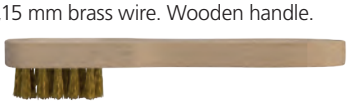
### 8677 **BRAKE CALIPER WIRE BRUSH**

- Material: 2 rows 0,35 mm steel wire. Plastic handle.

| ITEM NO. | 5704196+ | L MM | BRUSH LENGTH MM | G | |
|---|---|---|---|---|---|
| 8677-0001 | 049335 | 225 mm | 22 mm | 66 g | 10 |

### 8678 **SPARK PLUG BRUSH**

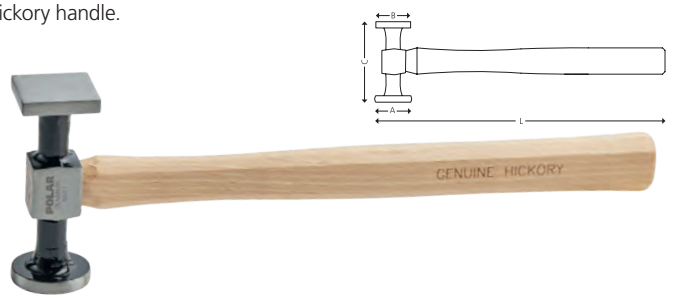
- Material: 3 rows 0,15 mm brass wire. Wooden handle.



| ITEM NO. | 5704196+ | L MM | BRUSH LENGTH MM | G | |
|---|---|---|---|---|---|
| 8678-0001 | 050850 | 150 mm | 14 mm | 20 g | 12 |

### 8901 **STANDARD BUMPING HAMMER**

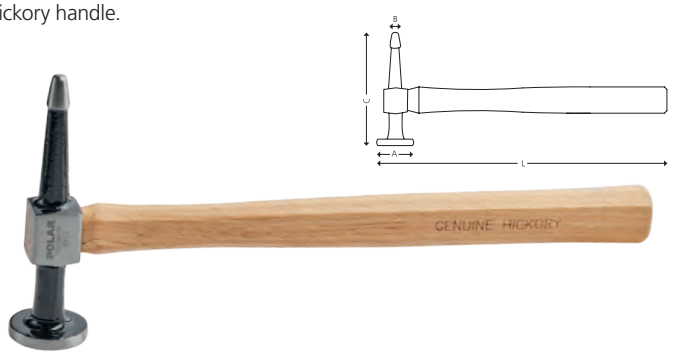
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8901-0001 | 048307 | 40 | 38 | 103 | 330 | 465 | 6 |

### 8902 **PICK AND FINISHING HAMMER**

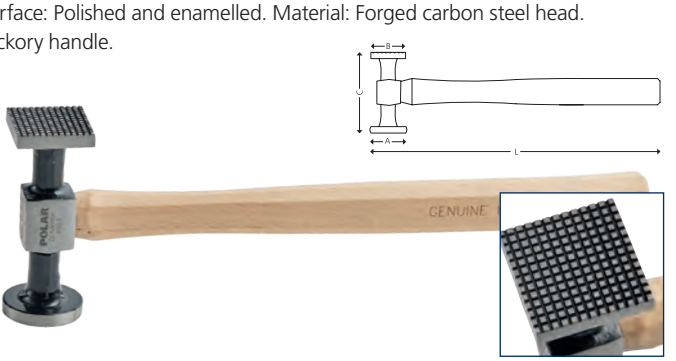
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8902-0001 | 048314 | 40 | 12 | 139 | 330 | 380 | 6 |

### 8903 **LIGHT SHRINKING HAMMER**

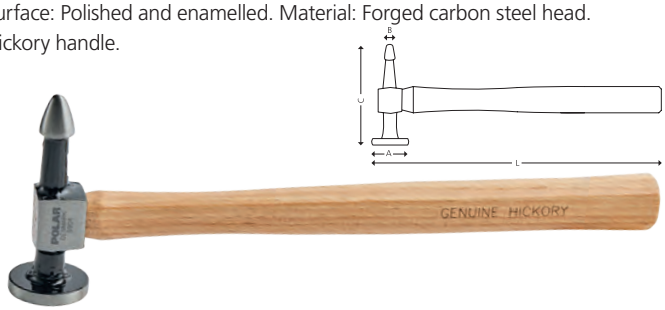
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8903-0001 | 048321 | 40 | 38 | 102 | 330 | 465 | 6 |

## 8904 UTILITY PICK HAMMER

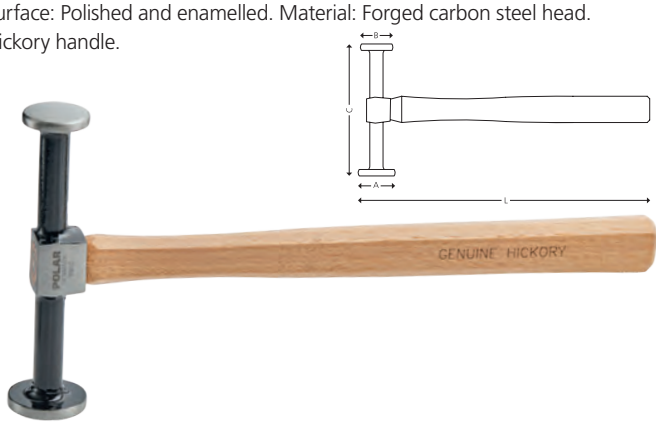
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8904-0001 | 048338 | 40 | 18 | 106 | 335 | 345 | 6 |

## 8905 FENDER AND PANEL DINGING HAMMER

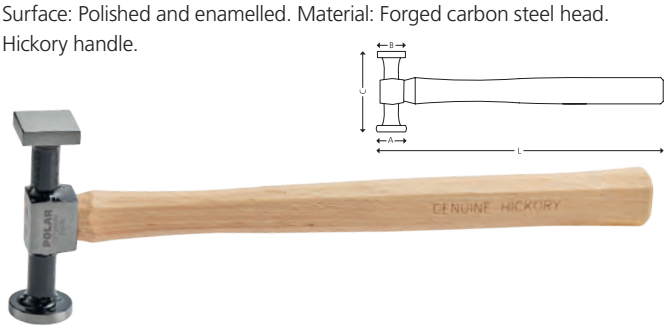
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8905-0001 | 048345 | 40 | 33 | 155 | 330 | 465 | 6 |

## 8906 SHRINKING HAMMER

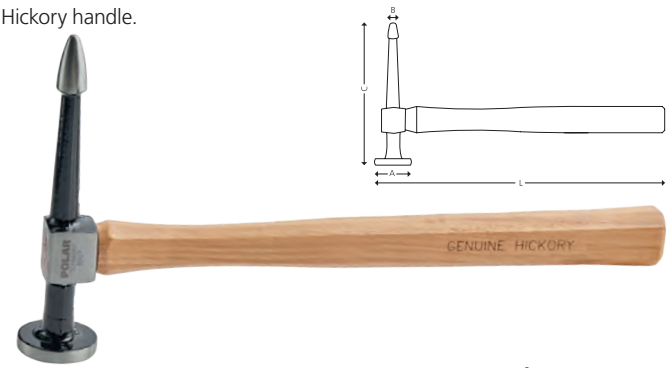
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8906-0001 | 048352 | 32 | 29 | 104 | 330 | 395 | 6 |

## 8907 GENERAL PURPOSE PICK HAMMER

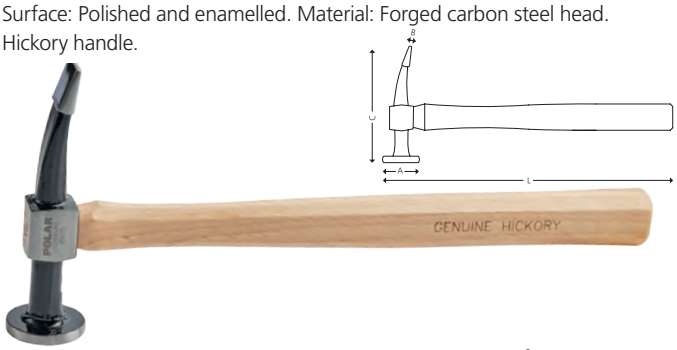
- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8907-0001 | 048369 | 40 | 15 | 166 | 330 | 420 | 6 |

## 8908 CURVED PEIN AND FINISHING HAMMER

- Surface: Polished and enamelled. Material: Forged carbon steel head.
- Hickory handle.




| ITEM NO. | 5704196+ | A MM | B MM | C MM | L MM | G | |
|---|---|---|---|---|---|---|---|
| 8908-0001 | 048376 | 40 | 8,5 | 142 | 335 | 400 | 6 |

## 8915 SHORT SINGLE SPOON

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | WIDTH MM | G | |
|---|---|---|---|---|---|
| 8915-0001 | 048383 | 290 | 50 | 790 | 6 |

## 8916 LONG SINGLE SPOON

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | WIDTH MM | G | |
|---|---|---|---|---|---|
| 8916-0001 | 048390 | 390 | 58 | 1280 | 4 |

# POLAR
## MISCELLANEOUS PRODUCTS

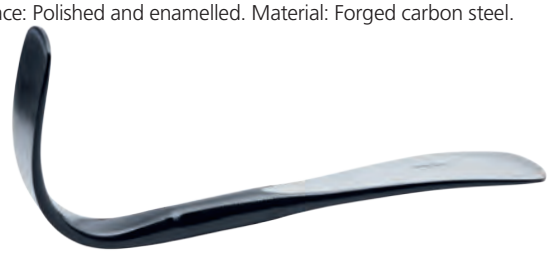
### 8917 **ANGLE AND FLAT DOUBLE SPOON**

- Surface: Polished and enamelled. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | WIDTH MM | G | |
|---|---|---|---|---|---|
| 8917-0001 | 048406 | 490 | 60 | 2130 | 4 |

### 8918 **ANGLE AND FLAT SHORT DOUBLE SPOON**

- Surface: Polished and enamelled. Material: Forged carbon steel.



| ITEM NO. | 5704196+ | LENGTH MM | WIDTH MM | G | |
|---|---|---|---|---|---|
| 8918-0001 | 048413 | 400 | 60 | 1760 | 4 |

### 8919 **LIGHT DINGING SPOON**

- Surface: Polished and enamelled. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | WIDTH MM | G | |
|---|---|---|---|---|---|
| 8919-0001 | 048420 | 255 | 50 | 340 | 12 |

### 8925 **UTILITY DOLLY**

- Surface: Polished and enamelled. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8925-0001 | 048437 | 70 | 65 x 70 | 1260 | 6 |

### 8926 **CURVED DOLLY**

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8926-0001 | 048444 | 133 | 60 | 1220 | 6 |

### 8927 **HEEL DOLLY**

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8927-0001 | 048451 | 80 | 60 x 30 | 860 | 6 |

### 8928 **DOUBLE END HAND DOLLY**

- Surface: Polished and enamelled. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8928-0001 | 048468 | 66 | 64 x 75 | 1150 | 6 |

### 8929 **GRID TOE DOLLY**

- Surface: Polished and enamelled. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8929-0001 | 048475 | 121 | 60 x 32 | 1375 | 6 |

# POLAR
## MISCELLANEOUS PRODUCTS

## 8930 **THIN TOE DOLLY**

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8930-0001 | 048482 | 118 | 55 x 25 | 925 | 6 |

## 8931 **TOE DOLLY**

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8931-0001 | 048499 | 121 | 58 x 30 | 1340 | 6 |

## 8932 **DOUBLE END ROUND DOLLY**

- Surface: Polished. Material: Forged carbon steel.

| ITEM NO. | 5704196+ | LENGTH MM | DIMENSIONS MM | G | |
|---|---|---|---|---|---|
| 8932-0001 | 048505 | 58 | 56 | 750 | 6 |

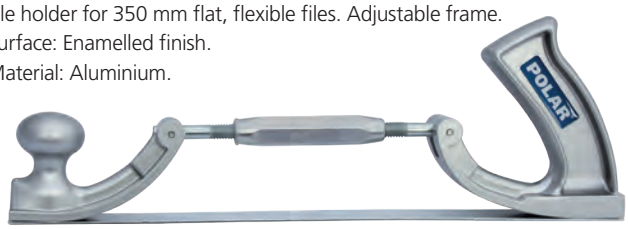
## 8940 **FLAT FILES**

- Flat flexible file, curved tooth.

| ITEM NO. | 5704196+ | TPI | LENGTH MM | WIDTH MM | THICKNESS MM | G | |
|---|---|---|---|---|---|---|---|
| 8940-1409 | 049571 | 9 | 350 | 35 | 4,5 | 304 | 1 |
| 8940-1412 | 049564 | 12 | 350 | 35 | 4,5 | 322 | 1 |

## 8940 **FILE HOLDER**

- File holder for 350 mm flat, flexible files. Adjustable frame.
- Surface: Enamelled finish.
- Material: Aluminium.




| ITEM NO. | 5704196+ | LENGTH MM | G | |
|---|---|---|---|---|
| 8940-0001 | 049557 | 350 mm | 650 g | 1 |

## 8990 **AUTO BODY REPAIR TOOL SET**

**ITEM NO. 8990-0007**

- Set in plastic case with auto repair hammers and dollys.
- 7 tools.

5704196 048291 7,5 KG 1

*CONTENT:*

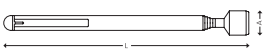
| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Standard bumping hammer | 330 mm |
| 1 | Pick and finishing hammer | 330 mm |
| 1 | Light shrinking hammer | 330 mm |
| 1 | Utility Dolly | 70 mm |
| 1 | Curved Dolly | 133 mm |
| 1 | Heel Dolly | 80 mm |
| 1 | Toe Dolly | 121 mm |

*Also available in Tool Tray System - see page 48.*

# POLAR
## MISCELLANEOUS PRODUCTS

## 9000 **MAGNETIC TELESCOPIC PICK-UP TOOLS**

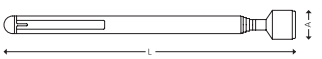
- Perfect for retrieval of ferrous objects, which are difficult to reach.
- With pocket clip.
- Surface: Chrome plated finish.




| ITEM NO. | 5704196+ | MAX. CAPACITY KG | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 9000-0016 | 007564 | 1,6 | 11 | 130-645 | 35 | 25 |
| 9000-0022 | 007571 | 2,2 | 13 | 135-650 | 40 | 25 |

## 9000 AM **MAGNETIC PICK-UP TOOL - ANTI-MAGNETIC HEAD**

- Perfect for retrieval of ferrous objects, which are difficult to reach.
- With pocket clip.
- Surface: Chrome plated finish.

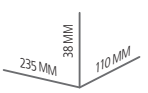



| ITEM NO. | 5704196+ | MAX. CAPACITY KG | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 9000-1001 | 028521 | 1 | 6,5 | 170 - 835 | 56 | 24 |
| 9000-1002 | 028538 | 2 | 10 | 175 - 835 | 62 | 24 |
| 9000-1003 | 028545 | 3 | 12 | 175 - 760 | 62 | 24 |
| 9000-1005 | 028552 | 5 | 13 | 175 - 760 | 64 | 24 |

## 9003 **INSPECTION KIT**

**ITEM NO. 9003-0005**

- Inspection set in protective case.
- 5 tools.




348 G

5704196 028569

1

*CONTENT:*

| QTY. | DESCRIPTION | DETAILS |
|---|---|---|
| 1 | Telescopic handle | 180 - 660 mm |
| 1 | Magnet | Capacity 3,5 kg |
| 1 | LED light | White |
| 1 | Mirror, round | Ø 60 mm |
| 1 | Mirror, rektangular | 42 x 64 mm |

5 TOOLS

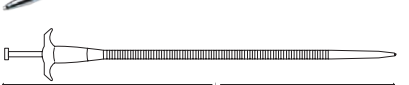
## 9001 **FLEXIBLE MAGNETIC PICK-UP TOOLS**

- 500 mm aluminum shaft can be easily bent at any angle to retrieve dropped metal objects in hard to reach areas.
- Surface: Chrome plated finish.

| ITEM NO. | 5704196+ | MAX. CAPACITY KG | A MM | L MM | G | |
|---|---|---|---|---|---|---|
| 9001-0001 | 027388 | 1 | 13 | 500 | 144 | 1 |
| 9001-0003 | 027395 | 3 | 17 | 500 | 154 | 1 |

## 9008 **CLAW PICK-UP TOOL**

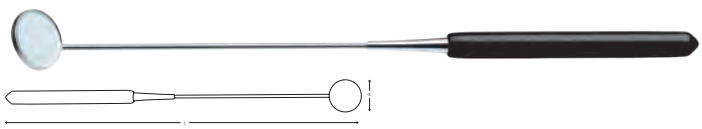
- Claws expands to 32 mm to easily grasp the desired object.
- The 500 mm flexible shaft easily maneuvers through tight spots.
- Retractable three-clawed pincers with push-button control.
- Surface: Chrome plated finish.



| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9008-0500 | 027432 | 500 | 144 | 1 |

## 9005 **INSPECTION MIRROR**

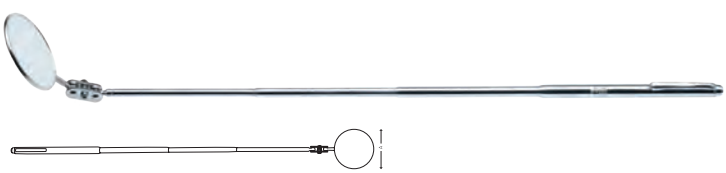
- 24 mm diameter with 3 x magnifying mirror.
- Insulated handle.
- Surface: Chrome plated finish.



| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 9005-0024 | 027401 | 24 | 265 | 26 | 1 |

## 9006 **INSPECTION MIRROR WITH MAGNETIC PICK-UP TOOL**

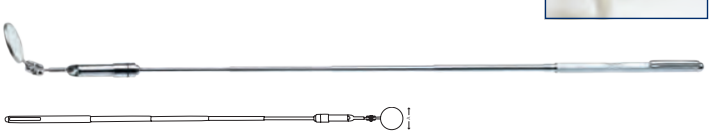
- 50 mm mirror diameter.
- The handle extends up to 560 mm.
- Dual ball adjustment provides infinite positioning.
- With pocket clip.
- Surface: Chrome plated finish.



| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 9006-0050 | 027418 | 50 | 210-560 | 48 | 1 |

## 9007 **LED TELESCOPIC INSPECTION MIRROR**

- 30 mm round mirror equipped with bright LED.
- The handle extends up to 665 mm.
- Dual ball adjustment provides infinite positioning.
- With pocket clip.
- Surface: Chrome plated finish.



| ITEM NO. | 5704196+ | A MM | L MM | G | |
|---|---|---|---|---|---|
| 9007-0030 | 027425 | 30 | 240-665 | 52 | 1 |

## 9010 A **MAGNETIC PARTS TRAY, ROUND**

- Round stainless steel tray features powerful mounting magnet.
- Securely holds small parts and tools.
- The magnet is covered with protective rubber.
- Surface: Chrome plated finish.

| ITEM NO. | 5704196+ | Ø MM | H MM | G | |
|---|---|---|---|---|---|
| 9010-0001 | 027449 | 147 | 25 | 328 | 1 |

## 9010 B **MAGNETIC PARTS TRAY, RECTANGULAR**

- Rectangular magnetic tray holds metal parts and small tools.
- Magnetically attaches to any flat iron or steel surface.
- The magnet is covered with protective rubber.
- Surface: Chrome plated finish.

| ITEM NO. | 5704196+ | SIZE MM | H MM | G | |
|---|---|---|---|---|---|
| 9010-0002 | 027456 | 240 x 140 | 25 | 620 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

### 9101 **UTILITY KNIFE - 9 MM**

- Professionel model with 9 mm snap-off blades.
- Steel blade guide with automatic insert of new blades.
- 4 spare blades inside the handle.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9101-0009 | 008288 | 140 | 114 | 12 | 471011 |

### 9105 **UTILITY KNIFE - 18 MM**

- Professionel model with 18 mm snap-off blades.
- Steel blade guide with automatic insert of new blades.
- Adjustment screw to lock the blade.
- 4 spare blades inside the handle.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9105-0018 | 008301 | 170 | 228 | 12 | 471013 |

### 9107 **UTILITY KNIFE – 9 MM**

- Model with 9 mm snap-off blades.
- Blade auto lock.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9107-0009 | 034119 | 123 | 30 | 12 |

### 9107 **UTILITY KNIFE – 18 MM**

- Model with 18 mm snap-off blades.
- 4 spareblades inside the handle. Blade auto lock.
- Adjustment screw to lock the handle.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9107-0018 | 034126 | 164 | 140 | 12 |

### 9102 **STAINLESS UTILITY KNIFE – 9 MM**

- Model with 9 mm snap-off blades.
- Blade auto lock.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9102-0009 | 034102 | 121 | 26 | 12 |

### 9108 **HEAVY-DUTY KNIFE – 18 MM**

- Model with 18 mm snap-off blades.
- Heavy-duty blade holder - 1.0 mm thickness.
- Heavy-duty auto lock.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9108-0001 | 046396 | 158 | 102 | 12 |

### 9101 SB **9 MM SPARE BLADES (10 PCS.)**

| ITEM NO. | 5704196+ | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9101-0910 | 008295 | 9 mm | 24 | 50 | 471014 |

### 9105 SB **18 MM SPARE BLADES (10 PCS.)**

| ITEM NO. | 5704196+ | SIZE MM | G | | IMPA CODE |
|---|---|---|---|---|---|
| 9105-1810 | 008318 | 18 mm | 50 | 36 | 471015 |

## 9110 **MINI FOLDING UTILITY KNIFE**

- 5 extra blades.
- Lockable blade.
- Quick change mechanism.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9110-0010 | 034133 | 98 | 46 | 10 |

## 9110 SB **9 MM SPARE BLADES (3 x 10 PCS.)**

- For model 9110-0010.

| ITEM NO. | 5704196+ | SIZE MM | G | |
|---|---|---|---|---|
| 9110-1030 | 037912 | 9 mm | 35 | 36 |

## 9110 **FOLDING UTILITY KNIFE**

- 5 extra blades.
- Lockable blade.
- Quick change mechanism.
- Lightweight aluminum handle with clip.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9110-0015 | 034140 | 151 | 90 | 10 |

## 9115 **UTILITY KNIFE WITH QUICK CHANGE**

- Model with standard blades (2 extra blades inside the handle).
- With wire stripper.
- Quick change mechanism for easy blade removal and blade insert.
- Three different blade positions.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9115-0001 | 008332 | 170 | 140 | 12 |

## 9117 **UTILITY KNIFE WITH SAFETY FUNCTION**

- Model with standard blades (2 extra blades inside the handle).
- With wire stripper.
- Safety function. Automatic blade return and retractable blade.
- Quick change mechanism for easy blade removal and blade insert.
- Three different blade positions.
- Comfortable rubber grip.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9117-0001 | 046389 | 173 | 208 | 12 |

## 9115 SB **STANDARD SPARE BLADES (10 PCS.)**

- For model 9110, 9115 and 9117.

| ITEM NO. | 5704196+ | SIZE MM | G | |
|---|---|---|---|---|
| 9115-0010 | 011622 | 60 x 19 x 0,6 mm | 36 | 1 |

## 9130 **ELECTRICIANS FOLDING KNIFE**

- 2,5 mm blade in stainless steel.
- Partially serrated spear blade.
- Small and large wire stripper.
- Ergonomic handle with non-slip surface.

| ITEM NO. | 5704196+ | L MM | G | |
|---|---|---|---|---|
| 9130-0001 | 042404 | 208 | 56 | 12 |

# POLAR
## MISCELLANEOUS PRODUCTS

## 9200 M **HANDSAW MAXCUT**

- Professionel handsaw for fine and medium thick materials and plastic tubes.
- TCT-teeth on thick blade for high precision and straight cutting with exceptionally good stability.
- Teflon coating for low-friction and rust protection.
- Hardened teeth never need resharpening.
- Magnetic teeth protection.

| ITEM NO. | 5704196+ | SIZE MM | SIZE ″ | TPI | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 9200-0550 | 008356 | 550 | 22″ | 11 | 460 | 6 | 613402 |

## 9210 J **HACKSAW JUNIOR**

DIN 6473

- Model for 150 mm blades with possibility of positioning the blade at 45° and 90°.
- Screw for regulating blade tension. 32 TPI steel blade. Ergonomic non-slip grip.
- Surface: Enamelled finish.

| ITEM NO. | 5704196+ | BLADE MM | BLADE ″ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9210-0150 | 008370 | 150 | 6″ | 85 | 270 | 215 | 12 | 613424 |

## 9211 **SPARE BLADE - 6″**

- SK-5 steel blade.

| ITEM NO. | 5704196+ | TPI | L MM | L ″ | G | QTY. PCS. | |
|---|---|---|---|---|---|---|---|
| 9211-0001 | 018607 | 24 | 150 | 6″ | 6 | 1 | 1 |

## 9210 **HACKSAW**

DIN 6473.

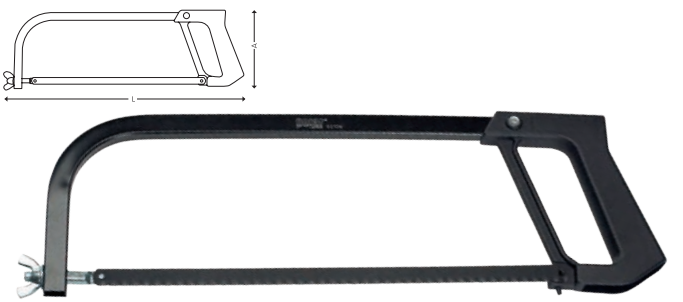
- Model for 300 mm blades with possibility of positioning the blade at 45° and 90°.
- Screw for regulating blade tension. HHS bi-metal steel blade 24 TPI.
- Surface: Enamelled finish.

| ITEM NO. | 5704196+ | BLADE MM | BLADE ″ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9210-0300 | 008363 | 300 | 12″ | 150 | 400 | 595 | 6 | 613428 |

## 9210 M **HACKSAW**

DIN 6473.

- Model for 300 mm blades with possibility of positioning the blade at 90°.
- Screw for regulating blade tension.
- HHS bi-metal steel blade 24 TPI.
- Surface: Enamelled finish.



| ITEM NO. | 5704196+ | BLADE MM | BLADE ″ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9210-1300 | 018799 | 300 | 12″ | 130 | 430 | 380 | 12 | 613428 |

## 9210 E **HACKSAW**

DIN 6473.

- Model for 300 mm blades with possibility of positioning the blade at 45° and 90°.
- Blade tension regulator integrated in the handle.
- Steel body with antislip and shock resistant plastic coating.
- HHS BI-METAL steel blade 24 TPI.

| ITEM NO. | 5704196+ | BLADE MM | BLADE ″ | A MM | L MM | G | | IMPA CODE |
|---|---|---|---|---|---|---|---|---|
| 9210-2300 | 018805 | 300 | 12″ | 140 | 402 | 580 | 6 | 613428 |

## 9211 **SPARE BLADES - 12″**

- HSS BI-METAL steel model.

| ITEM NO. | 5704196+ | TPI | L MM | L ″ | G | QTY. PCS. | |
|---|---|---|---|---|---|---|---|
| 9211-0002 | 008400 | 24 | 300 | 12″ | 17 | 2 | 1 |
| 9211-1010 | 024936 | 14 | 300 | 12″ | 17 | 10 | 1 |
| 9211-2010 | 024943 | 18 | 300 | 12″ | 17 | 10 | 1 |
| 9211-0010 | 008394 | 24 | 300 | 12″ | 17 | 10 | 1 |

## 9605 **CABLE TIES (100 PCS.)**

- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-0005 | 017389 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9605-0010 | 017402 | 2,5 x 150 | 36 | 8,1 | 100 | 1 |
| 9605-0015 | 017419 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9605-0020 | 017426 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9605-0025 | 017440 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9605-0030 | 017457 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9605-0035 | 017464 | 4,6 x 180 | 43 | 22,2 | 100 | 1 |
| 9605-0040 | 017488 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-0045 | 017501 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-0050 | 017525 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-0053 | 026824 | 4,8 x 500 | 145 | 22,2 | 100 | 1 |
| 9605-0055 | 017532 | 7,6 x 250 | 67 | 54,4 | 100 | 1 |
| 9605-0060 | 017549 | 7,6 x 370 | 103 | 54,4 | 100 | 1 |
| 9605-0065 | 017556 | 7,6 x 540 | 159 | 54,4 | 100 | 1 |
| 9605-0067 | 049014 | 7,6 x 750 | 218 | 54,4 | 100 | 1 |
| 9605-0070 | 017563 | 8,8 x 750 | 218 | 80,0 | 100 | 1 |
| 9605-0080 | 017587 | 12,4 x 650 | 195 | 114,0 | 100 | 1 |

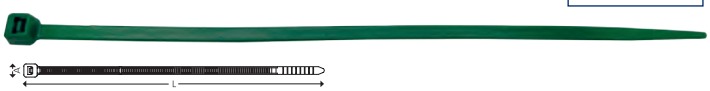
## 9605 **CABLE TIES - RED (100 PCS.)**

- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-1005 | 053493 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9605-1015 | 053509 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9605-1020 | 053516 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9605-1025 | 053523 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9605-1030 | 053530 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9605-1040 | 053547 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-1045 | 053554 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-1050 | 053561 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-1060 | 053578 | 7,6 x 370 | 103 | 54,4 | 100 | 1 |

## 9605 **CABLE TIES - GREEN (100 PCS.)**

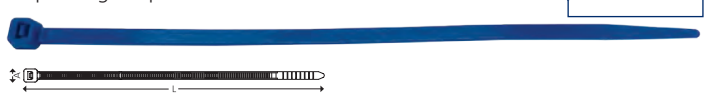
- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.



| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-2005 | 053585 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9605-2015 | 053592 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9605-2020 | 053608 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9605-2025 | 053615 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9605-2030 | 053622 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9605-2040 | 053639 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-2045 | 053646 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-2050 | 053653 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-2060 | 053660 | 7,6 x 370 | 103 | 54,4 | 100 | 1 |

## 9605 **CABLE TIES - BLUE (100 PCS.)**

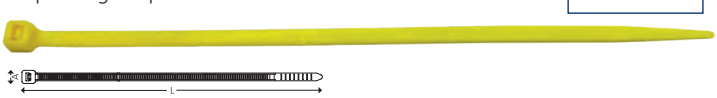
- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.



| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-3005 | 053677 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9605-3015 | 053684 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9605-3020 | 053691 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9605-3025 | 053707 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9605-3030 | 053714 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9605-3040 | 053721 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-3045 | 053738 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-3050 | 053745 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-3060 | 053752 | 7,6 x 370 | 103 | 54,4 | 100 | 1 |

## 9605 **CABLE TIES - YELLOW (100 PCS.)**

- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.

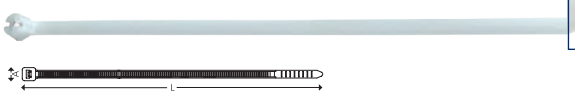


| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-4005 | 053769 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9605-4015 | 053776 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9605-4020 | 053783 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9605-4025 | 053790 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9605-4030 | 053806 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9605-4040 | 053813 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-4045 | 053820 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-4050 | 053837 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-4060 | 053844 | 7,6 x 370 | 103 | 54,4 | 100 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

## 9605 METAL PAWL TIES (100 PCS.)

- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon and stainless steel.
- Operating temperature: -40°C ~ 85°C.



| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-6005 | 054292 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9605-6010 | 054308 | 2,5 x 160 | 40 | 8,1 | 100 | 1 |
| 9605-6015 | 054315 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9605-6020 | 054322 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9605-6025 | 054339 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9605-6030 | 054346 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9605-6040 | 054353 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-6045 | 054360 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-6050 | 054377 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-6060 | 054384 | 7,6 x 370 | 102 | 54,4 | 100 | 1 |
| 9605-6063 | 054391 | 7,6 x 460 | 130 | 54,4 | 100 | 1 |
| 9605-6066 | 054407 | 7,6 x 620 | 182 | 54,4 | 100 | 1 |
| 9605-6068 | 054414 | 7,6 x 762 | 220 | 54,4 | 100 | 1 |

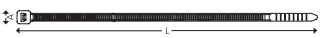
## 9605 MOUNTED HEAD TIES (100 PCS.)

- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9605-8005 | 054094 | 2,5 x 110 | 23 | 8,1 | 100 | 1 |
| 9605-8020 | 054100 | 3,6 x 150 | 36 | 18,2 | 100 | 1 |
| 9605-8040 | 054117 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9605-8045 | 054124 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9605-8050 | 054131 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9605-8057 | 054148 | 7,6 x 300 | 79 | 54,4 | 100 | 1 |
| 9605-8062 | 054155 | 7,6 x 400 | 109 | 54,4 | 100 | 1 |

## 9606 UV CABLE TIES (100 PCS.)

- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.



| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | | IMPA CODE |
|---|---|---|---|---|---|---|---|
| 9606-0005 | 017594 | 2,5 x 100 | 22 | 8,1 | 100 | 1 | 794851 |
| 9606-0010 | 017617 | 2,5 x 150 | 36 | 8,1 | 100 | 1 | |
| 9606-0015 | 017624 | 2,5 x 200 | 53 | 8,1 | 100 | 1 | |
| 9606-0020 | 017631 | 3,6 x 140 | 33 | 18,2 | 100 | 1 | 784852 |
| 9606-0025 | 017655 | 3,6 x 200 | 53 | 18,2 | 100 | 1 | |
| 9606-0030 | 017662 | 3,6 x 300 | 76 | 18,2 | 100 | 100 | |
| 9606-0032 | 043333 | 3,6 x 370 | 102 | 18,2 | 100 | 100 | |
| 9606-0035 | 017679 | 4,6 x 180 | 43 | 22,2 | 100 | 100 | 794853 |
| 9606-0040 | 017693 | 4,8 x 200 | 50 | 22,2 | 100 | 100 | 794854 |
| 9606-0045 | 017716 | 4,8 x 300 | 76 | 22,2 | 100 | 100 | 794856 |
| 9606-0050 | 017730 | 4,8 x 370 | 102 | 22,2 | 100 | 50 | |
| 9606-0053 | 026831 | 4,8 x 500 | 145 | 22,2 | 100 | 50 | |
| 9606-0055 | 017747 | 7,6 x 250 | 67 | 54,4 | 100 | 50 | |
| 9606-0060 | 017754 | 7,6 x 370 | 102 | 54,4 | 100 | 25 | |
| 9606-0065 | 017761 | 7,6 x 540 | 159 | 54,4 | 100 | 25 | |
| 9606-0067 | 049021 | 7,6 x 750 | 218 | 54,4 | 100 | 25 | |
| 9606-0070 | 017778 | 8,8 x 750 | 218 | 80,0 | 100 | 10 | |
| 9606-0080 | 017396 | 12,4 x 650 | 195 | 114,0 | 100 | 10 | |
| 9606-0085 | 022000 | 12,4 x 1000 | 305 | 114,0 | 100 | 5 | |

## 9606 UV METAL PAWL TIES (100 PCS.)

- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon and stainless steel.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9606-6005 | 054162 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9606-6010 | 054179 | 2,5 x 160 | 40 | 8,1 | 100 | 1 |
| 9606-6015 | 054186 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |
| 9606-6020 | 054193 | 3,6 x 140 | 33 | 18,2 | 100 | 1 |
| 9606-6025 | 054209 | 3,6 x 200 | 53 | 18,2 | 100 | 1 |
| 9606-6030 | 054216 | 3,6 x 300 | 76 | 18,2 | 100 | 1 |
| 9606-6040 | 054223 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9606-6045 | 054230 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9606-6050 | 054247 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9606-6060 | 054254 | 7,6 x 370 | 102 | 54,4 | 100 | 1 |
| 9606-6063 | 054261 | 7,6 x 460 | 130 | 54,4 | 100 | 1 |
| 9606-6066 | 054278 | 7,6 x 620 | 182 | 54,4 | 100 | 1 |
| 9606-6068 | 054285 | 7,6 x 762 | 220 | 54,4 | 100 | 1 |

## 9606 **UV MOUNTED HEAD TIES (100 PCS.)**

- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9606-8005 | 054025 | 2,5 x 110 | 23 | 8,1 | 100 | 1 |
| 9606-8020 | 054032 | 3,6 x 150 | 36 | 18,2 | 100 | 1 |
| 9606-8040 | 054049 | 4,8 x 200 | 50 | 22,2 | 100 | 1 |
| 9606-8045 | 054056 | 4,8 x 300 | 76 | 22,2 | 100 | 1 |
| 9606-8050 | 054063 | 4,8 x 370 | 102 | 22,2 | 100 | 1 |
| 9606-8057 | 054070 | 7,6 x 300 | 79 | 54,4 | 100 | 1 |
| 9606-8062 | 054087 | 7,6 x 400 | 109 | 54,4 | 100 | 1 |

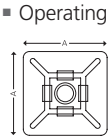
## 9606 **UV CABLE TIES - REUSEABLE (100 PCS.)**

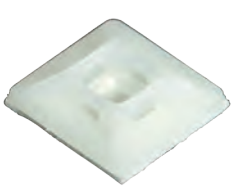
- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9606-7052 | 053851 | 7,6 x 150 | 40 | 23,0 | 100 | 1 |
| 9606-7054 | 053868 | 7,6 x 200 | 56 | 23,0 | 100 | 1 |
| 9606-7055 | 053875 | 7,6 x 250 | 67 | 23,0 | 100 | 1 |
| 9606-7057 | 053882 | 7,6 x 300 | 82 | 23,0 | 100 | 1 |
| 9606-7060 | 053899 | 7,6 x 370 | 104 | 23,0 | 100 | 1 |

## 9610 **CABLE TIE MOUNTS (100 PCS.)**

- Adhesive modell for cable ties up to 4,8 mm width.
- The two largest sizes can be mounted by screws.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

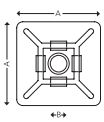




| ITEM NO. | 5704196+ | A MM | B MM | Ø HOLE MM | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9610-0010 | 017808 | 19,0 x 19,0 | 4,0 | 3,6 | 100 | 1 |
| 9610-0015 | 017815 | 28,0 x 28,0 | 5,3 | 5,5 | 100 | 1 |

## 9611 **UV CABLE TIE MOUNTS (100 PCS.)**

- Adhesive modell for cable ties up to 4,8 mm width.
- The two largest sizes can be mounted by screws.
- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.



| ITEM NO. | 5704196+ | A MM | B MM | Ø HOLE MM | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9611-0005 | 017822 | 12,7 x 12,7 | 3,2 | – | 100 | 1 |
| 9611-0010 | 017839 | 19,0 x 19,0 | 4,0 | 3,6 | 100 | 1 |
| 9611-0015 | 017846 | 28,0 x 28,0 | 5,3 | 5,5 | 100 | 1 |

## 9612 **MARKER TIES (100 PCS.)**

- Writing field: 7,75 x 24,5 mm
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9612-0005 | 053967 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9612-0015 | 053974 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |

## 9612 **MARKER TIES (100 PCS.)**

- Writing field: 12,9 x 27 mm
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9612-1040 | 053981 | 4,8 x 190 | 51 | 23,0 | 100 | 1 |
| 9612-1045 | 053998 | 4,8 x 300 | 85 | 23,0 | 100 | 1 |
| 9612-1050 | 054001 | 4,8 x 370 | 107 | 23,0 | 100 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

### 9612 **MARKER TIES (100 PCS.)**

- Writing field: 9 x 20 mm
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9612-2005 | 054018 | 2,5 x 110 | 23 | 8,1 | 100 | 1 |

### 9613 **UV MARKER TIES (100 PCS.)**

- Writing field: 9 x 20 mm
- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9613-2005 | 053950 | 2,5 x 110 | 23 | 8,1 | 100 | 1 |

### 9613 **UV MARKER TIES (100 PCS.)**

- Writing field: 7,75 x 24,5 mm
- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9613-0005 | 053905 | 2,5 x 100 | 22 | 8,1 | 100 | 1 |
| 9613-0015 | 053912 | 2,5 x 200 | 53 | 8,1 | 100 | 1 |

### 9615 **CABLE TIES ASSORTMENT**

- Salt and UV weather resistant for outdoor application (black only)
- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 9615-0600 | 049038 | 556 | 20 |

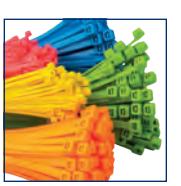
### 9613 **UV MARKER TIES (100 PCS.)**

- Writing field: 12,9 x 27 mm
- UV weather resistant for outdoor application.
- UL Flame rating: 94V-2
- Material: Nylon 66 / Polyamide 66.
- Operating temperature: -40°C ~ 85°C.

| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9613-1040 | 053929 | 4,8 x 190 | 51 | 23,0 | 100 | 1 |
| 9613-1045 | 053936 | 4,8 x 300 | 85 | 23,0 | 100 | 1 |
| 9613-1050 | 053943 | 4,8 x 370 | 107 | 23,0 | 100 | 1 |

### 9617 **CABLE TIES ASSORTMENT**

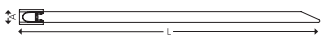
- UL Flame rating: 94V-2
- Material: Neutral 6/6 nylon
- Operating temperature: -40°C ~ 85°C.



| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| 9617-0500 | 049045 | 478 | 20 |

## 9620 STAINLESS CABLE TIES, TYPE 316 STEEL

- Self locking ball bearing mechanism.
- Material: Stainless steel, type 316.



| ITEM NO. | 5704196+ | A x L MM | Ø MAX. MM | MIN. LOOP TENSILE STRENGTH KG | QTY PCS. | |
|---|---|---|---|---|---|---|
| 9620-0005 | 017853 | 4,6 x 200 | 62 | 90 | 100 | 1 |
| 9620-0010 | 017860 | 4,6 x 290 | 90 | 90 | 100 | 1 |
| 9620-0015 | 017877 | 4,6 x 360 | 113 | 90 | 100 | 1 |
| 9620-0020 | 017884 | 4,6 x 520 | 164 | 90 | 50 | 1 |
| 9620-0025 | 017891 | 4,6 x 680 | 215 | 90 | 50 | 1 |
| 9620-0030 | 017907 | 4,6 x 840 | 266 | 90 | 50 | 1 |

## 9608 A CABLE TIE INSTALLATION TOOL

- Cable tie tensioning and cutting tool (nylon).
- Quick and safe installation.
- Easy to operate cut-off mechanism.
- Non-slip cushioned handles for comfort and control.

| ITEM NO. | 5704196+ | CAPACITY WIDTH | CAPACITY THICKNESS | G | |
|---|---|---|---|---|---|
| 9608-0001 | 047317 | 3,6 - 10,6 mm | 1,2-2,3 mm | 294 | 1 |

## 9608 B CABLE TIE INSTALLATION TOOL - PLUS

- Automatically tensions and cuts nylon cable ties (80-222 Nm).
- Easy and adjustable tension mechanism (8 levels).
- Automatic cut-off function.
- Ergonomic design.

| ITEM NO. | 5704196+ | CAPACITY WIDTH | CAPACITY THICKNESS | G | |
|---|---|---|---|---|---|
| 9608-0002 | 051192 | 2,5 - 4,8 mm | 1,0 - 1,6 mm | 224 | 1 |

## 9628 STAINLESS STEEL CABLE TIE TENSIONING TOOL

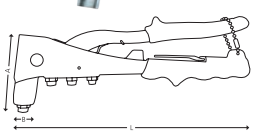
- Automatically tensions and cuts steel cable ties.
- Width: < 7,9 mm. Thickness: < 0,3 mm
- Adjustable tension mechanism (4 levels)
- Automatic cut-off function.

| ITEM NO. | 5704196+ | CAPACITY WIDTH | CAPACITY THICKNESS | G | |
|---|---|---|---|---|---|
| 9628-0001 | 047324 | < 7,9 mm | < 0,3 mm | 542 | 1 |

# POLAR
## MISCELLANEOUS PRODUCTS

## 9650 **HAND RIVET TOOL**

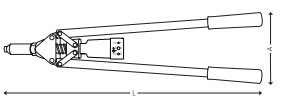
- For smaller applications.
- The hand rivet tool is supplied with a narrow tool head, which makes it easy to reach into hard-to-reach areas.
- Mounting key and nose pieces Ø 2,4 – 3,2 – 4,0 og 4,8/5,0 mm
- Rivet capacity: 2,4 – 5,0 mm
- Rivet material: Aluminium, steel and stainless steel.
- Ergonomic handle.
- Surface: Black powder coating.
- Material: Aluminium. Chrome-molybdenum steel.



| ITEM NO. | 5704196+ | A MM | B MM | L MM | KG | |
|---|---|---|---|---|---|---|
| 9650-0050 | 043104 | 82,5 | 20,5 | 255 | 0,6 | 20 |

## 9655 **HEAVY DUTY HAND RIVET TOOL**

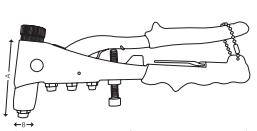
- For industrial use.
- Heavy-duty 3-jaw system for better performance.
- Mounting key and nose pieces Ø 3,0/3,2 – 4,0 – 4,8/5,0 – 6,0 – 6,4 mm
- Rivet capacity: 3,0 – 6,4 mm
- Rivet material: Aluminium, steel and stainless steel.
- Collects spent rivet pins.
- Extra long handles.
- Surface: Black powder coating.
- Material: Steel construction with plastic handles.



| ITEM NO. | 5704196+ | L MM | A MM | KG | |
|---|---|---|---|---|---|
| 9655-0064 | 043111 | 658 | 165 | 2,2 | 20 |

## 9660 **HAND RIVET NUT TOOL**

- For M3 – M6 rivet nuts.
- The hand rivet tool is supplied with a narrow tool head, which makes it easy to reach into hard-to-reach areas.
- Mounting key, mandrel and nose pieces M3 – M4 – M5 – M6.
- Rivet capacity: M3 – M4 – M5 (aluminium, steel and stainless steel).
  M6 (aluminium and steel).
- Ergonomic handle.
- Surface: Black powder coating.
- Material: Aluminium. Chrome-molybdenum steel.

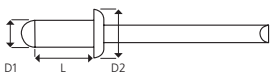


| ITEM NO. | 5704196+ | A MM | B MM | L MM | KG | |
|---|---|---|---|---|---|---|
| 9660-0306 | 043128 | 142 | 20,5 | 255 | 0,7 | 20 |

## 9670 / 9671 **STANDARD BLIND RIVETS**

ISO 14588:2000 / ISO 14589:2000

- Material: Aluminum body and steel mandrel.

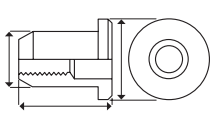


| ITEM NO. | 5704196+ | D1 MM | L MM | D2 MM | MIN. THICK. MM | MAX. THICK. MM | HOLE Ø MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|---|---|---|
| 9670-2406 | 048642 | 2,4 | 6 | 5,0 | 2,5 | 4,0 | 2,5 - 2,55 | 100 | 96 | 1 |
| 9670-3208 | 048659 | 3,2 | 8 | 6,5 | 3,0 | 5,0 | 3,5 - 3,4 | 100 | 110 | 1 |
| 9670-3210 | 048666 | 3,2 | 10 | 6,5 | 5,0 | 7,0 | 3,3 - 3,4 | 100 | 123 | 1 |
| 9670-3212 | 048673 | 3,2 | 12 | 6,5 | 7,0 | 9,0 | 3,3 - 3,4 | 100 | 125 | 1 |
| 9670-4008 | 049786 | 4,0 | 8 | 8,0 | 3,0 | 4,5 | 4,1 - 4,2 | 100 | 163 | 1 |
| 9670-4010 | 048680 | 4,0 | 10 | 8,0 | 5,0 | 6,5 | 4,1 - 4,2 | 100 | 173 | 1 |
| 9670-4012 | 048697 | 4,0 | 12 | 8,0 | 7,0 | 8,5 | 4,1 - 4,2 | 100 | 188 | 1 |
| 9670-4014 | 048703 | 4,0 | 14 | 8,0 | 8,0 | 10,5 | 4,1 - 4,2 | 100 | 210 | 1 |
| 9670-4016 | 048710 | 4,0 | 16 | 8,0 | 10,0 | 12,5 | 4,1 - 4,2 | 100 | 214 | 1 |
| 9670-4808 | 049793 | 4,8 | 8 | 9,5 | 2,5 | 4,0 | 4,9 - 5,0 | 100 | 236 | 1 |
| 9670-4810 | 049809 | 4,8 | 10 | 9,5 | 4,5 | 6,0 | 4,9 - 5,0 | 100 | 249 | 1 |
| 9670-4812 | 048727 | 4,8 | 12 | 9,5 | 6,5 | 8,0 | 4,9 - 5,0 | 100 | 271 | 1 |
| 9670-4814 | 048734 | 4,8 | 14 | 9,5 | 7,5 | 10,0 | 4,9 - 5,0 | 100 | 297 | 1 |
| 9670-4816 | 048741 | 4,8 | 16 | 9,5 | 9,5 | 12,0 | 4,9 - 5,0 | 100 | 303 | 1 |
| 9670-4820 | 048758 | 4,8 | 20 | 9,5 | 13,5 | 16,0 | 4,9 - 5,0 | 100 | 336 | 1 |
| 9671-2406 | 048765 | 2,4 | 6 | 5,0 | 2,5 | 4,0 | 2,5 - 2,55 | 1000 | 673 | 1 |
| 9671-3208 | 048772 | 3,2 | 8 | 6,5 | 3,0 | 5,0 | 3,5 - 3,4 | 1000 | 1079 | 1 |
| 9671-3210 | 048789 | 3,2 | 10 | 6,5 | 5,0 | 7,0 | 3,3 - 3,4 | 1000 | 1094 | 1 |
| 9671-3212 | 048796 | 3,2 | 12 | 6,5 | 7,0 | 9,0 | 3,3 - 3,4 | 1000 | 1199 | 1 |
| 9671-4010 | 048802 | 4,0 | 10 | 8,0 | 5,0 | 6,5 | 4,1 - 4,2 | 1000 | 1764 | 1 |
| 9671-4012 | 048819 | 4,0 | 12 | 8,0 | 7,0 | 8,5 | 4,1 - 4,2 | 1000 | 1992 | 1 |
| 9671-4014 | 048826 | 4,0 | 14 | 8,0 | 8,0 | 10,5 | 4,1 - 4,2 | 1000 | 1868 | 1 |
| 9671-4016 | 048833 | 4,0 | 16 | 8,0 | 10,0 | 12,5 | 4,1 - 4,2 | 500 | 1052 | 1 |
| 9671-4812 | 048840 | 4,8 | 12 | 9,5 | 6,5 | 8,0 | 4,9 - 5,0 | 500 | 1395 | 1 |
| 9671-4814 | 048857 | 4,8 | 14 | 9,5 | 7,5 | 10,0 | 4,9 - 5,0 | 500 | 1539 | 1 |
| 9671-4816 | 048864 | 4,8 | 16 | 9,5 | 9,5 | 12,0 | 4,9 - 5,0 | 500 | 1593 | 1 |
| 9671-4820 | 048871 | 4,8 | 20 | 9,5 | 13,5 | 16,0 | 4,9 - 5,0 | 500 | 1717 | 1 |

## 9675 / 9676 **BLIND RIVET NUTS**

ISO 898-1 / ISO 898-2

- Surface: Open and cylin drical with flat head.
- Material: Galvanized carbon steel.



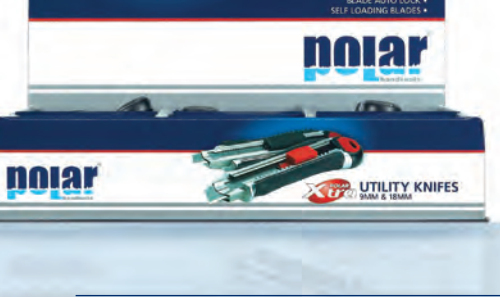
| ITEM NO. | 5704196+ | D1 MM | L MM | D2 MM | MIN. THICK. MM | MAX. THICK. MM | HOLE Ø MM | QTY. PCS. | G | |
|---|---|---|---|---|---|---|---|---|---|---|
| 9675-0305 | 048888 | M3 | 8,5 | 7 | 0,3 | 2,5 | 5 | 100 | 83 | 1 |
| 9675-0407 | 048895 | M4 | 11,0 | 9 | 0,3 | 2,5 | 6 | 100 | 146 | 1 |
| 9675-0508 | 048901 | M5 | 13,0 | 10 | 0,5 | 3,0 | 7 | 100 | 208 | 1 |
| 9675-0610 | 048918 | M6 | 16,0 | 12 | 0,5 | 3,0 | 9 | 100 | 377 | 1 |
| 9676-0305 | 048925 | M3 | 8,5 | 7 | 0,3 | 2,5 | 5 | 500 | 467 | 1 |
| 9676-0407 | 048932 | M4 | 11,0 | 9 | 0,3 | 2,5 | 6 | 500 | 766 | 1 |
| 9676-0508 | 048949 | M5 | 13,0 | 10 | 0,5 | 3,0 | 7 | 500 | 1094 | 1 |
| 9676-0610 | 048956 | M6 | 16,0 | 12 | 0,5 | 3,0 | 9 | 500 | 1940 | 1 |

## 9705 **RECHARGEABLE COB LED WORK LAMP**

**ITEM NO. 9705-0001**

5704196 016467 205 G 1

- Powerful 270 lumen illumination.
- Strong ABS housing with IP 64 protection.
- The COB LED provides strong and smooth luminous for large area lighting.
- The torch provides intensive and focus luminous for narrow space and long distance lighting.
- Emergency function: Lamp automatically turns on if charging power is interrupted.
- Double switches to control COB and Torch luminous.
- Belt clip, Built-in Magnet and hook for easy carrying and positioning.
- Fast charging, 2.5 hrs.
- Light output: COB = 270 Lm/Torch 2500 LUX (at 0.5 m distance)
- Li-Ion Battery: 3.7V 1900 mAh
- Operating time: COB=100 min. / Torch=180 min
- Charger voltage: 180-240V AC/50-60 Hz
- Charger output: 5 V / 1A




# POLAR
## SALES DISPLAYS

### 1900 D **DISPLAY STAND**

- Supplied with assortment of hooks and logo sign.
- Surface: Black and grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1900-0100 | 018645 | 2100 | 950 | 500 | 40,5 | 1 |

### 1900 **DISPLAY STAND, ADD-ON**

- Surface: Black and grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1900-0102 | 046259 | 2100 | 910 | 500 | 34,5 | 1 |

### 1900 C **DISPLAY STAND, ADD-ON**

- Surface: Black and grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1900-0150 | 046266 | 2100 | 960 | 450 | 29 | 1 |

### 1901 D **DISPLAY STAND, DOUBLE SIDED (LOW MODEL)**

- Surface: Black and grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1901-0100 | 046297 | 1400 | 945 | 900 | 46 | 1 |

## 1901 A **ISPLAY STAND, DOUBLE SIDED, ADD-ON (LOW MODEL)**

- Surface: Black and grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1901-0102 | 046303 | 1400 | 920 | 900 | 40,5 | 1 |

## 1901 LP **LOGO PANEL**

- For 1901 A and 1901 D.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | PANEL TYPE | KG | |
|---|---|---|---|---|---|---|---|
| 1901-0104 | 046365 | 300 | 910 | 60 | Single sided | 2,50 | 1 |
| 1901-0105 | 046334 | 300 | 910 | 60 | Double sided | 2,55 | 1 |

## 1905 LS **LOGO SIGN**

- For 1900 A and 1900 D.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | PANEL TYPE | KG | |
|---|---|---|---|---|---|---|---|
| 1905-0200 | 046310 | 210 | 910 | 200 | Incl. LED | 5,4 | 1 |
| 1905-0300 | 046327 | 210 | 910 | 200 | Excl. LED | 4,8 | 1 |

## 1915 **SOCKET SHELF**

- Shelf capacity: 90 kg.
- Surface: Grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1915-0001 | 046341 | 30 | 910 | 380 | 8,8 | 1 |

## 1905 S **SHELVES**

- Shelf capacity: 90 kg.
- Surface: Grey powder coating. Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1905-0101 | 016016 | 30 | 910 | 350 | 3,5 | 1 |
| 1905-0105 | 046273 | 30 | 910 | 400 | 4,5 | 1 |
| 1905-0110 | 046280 | 30 | 910 | 450 | 5,4 | 1 |

## 1905 F **SHELF FRONT**

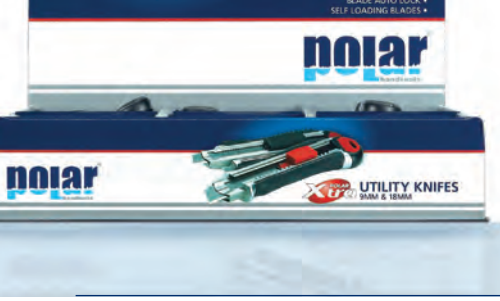
- Material: Plexiglass

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1905-0102 | 015484 | 40 | 905 | 3 | 0,11 | 1 |

## 1905 L **LOGO STREAMER FOR SHELF**

- For 1905 S.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1905-0103 | 015491 | 25 | 905 | 1 | 0,01 | 1 |




# POLAR
## SALES DISPLAYS

### 1905 L **LIGHTNING**

- Voltage: 220V/50Hz
- Supplied with 1,5 mtr. cable and fluorescent tube.
- Surface: Black powder coating. Material: 0,8 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1905-0100 | 015477 | 250 | 915 | 270 | 8,0 | 1 |

### 1910 H **HOOKS**

- Surface: Zinc-coated. Material: Steel

| ITEM NO. | 5704196+ | Ø x L MM | G | |
|---|---|---|---|---|
| 1910-0050 | 015507 | 3 x 50 | 14 | 1 |
| 1910-0100 | 015514 | 3 x 100 | 20 | 1 |
| 1910-0150 | 015521 | 3 x 150 | 25 | 1 |

### 1902 **DISPLAY FOR AIR TOOL**

- Material: Plexiglass. Supplied with fittings.

| ITEM NO. | 5704196+ | SIZE " | G | |
|---|---|---|---|---|
| 1902-0014 | 027074 | 1/4" | 310 | 1 |
| 1902-0038 | 027081 | 3/8" | 310 | 1 |

### 1912 **HOLDER FOR AIR TOOL**

- Surface: Black powder coating.
  Material: 1,2 mm sheet steel casing.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | G |
|---|---|---|---|---|---|
| 1912-0001 | 046358 | 275 | 75,5 | 75 | 0,3 |

### 1900 F **DISPLAY FOR TOOL SETS**

- Supplied with three hooks and logo sign.
- Surface: Black powder coating. Material: Steel structure.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | KG | |
|---|---|---|---|---|---|---|
| 1900-0500 | 016009 | 1350 | 330 | 470 | 8,5 | 1 |

# POLAR
## SALES DISPLAYS

## 4590 H **SALES DISPLAY WITH 1/4" BITS SET**

**ITEM NO. 4590-1615**

5704196 051963 2,8 KG
**WxDxH** 280 x 215 x 100 mm 1

- Sales display supplied with 1/4" bits sets (16 pcs.) item no. 4590-0015.

*See page 153 for 1/4" bits set content.*

*For empty display: Item nr. P4590-1615-1 (290 g)*

## 5090 HC **SALES DISPLAY WITH 1/4" SOCKET WRENCH SET**

**ITEM NO. 5090-1024**

5704196 051994 5,5 KG **WxDxH** 170 x 380 x 100 mm 1

- Sales display supplied with 1/4" socket wrench set (10 pcs.) item no. 5090-1424.

*See page 173 for 1/4" socket wrench set content.*

*For empty display: Item nr. P5090-1024-1 (280 g)*

## 4590 I **SALES DISPLAY WITH 1/4" BITS SET**

**ITEM NO. 4590-1071**

5704196 051970 7,1 KG **WxDxH** 170 x 380 x 100 mm 1

- Sales display supplied with 1/4" bits sets (10 pcs.) item no. 4590-0071.

*See page 153 for 1/4" bits set content.*

*For empty display: Item nr. P4590-1071-1 (295 g)*

## 5090 **SALES DISPLAY WITH 1/4" SOCKET WRENCH SET**

**ITEM NO. 5090-1025**

5704196 052007 5 KG **WxDxH** 170 x 380 x 100 mm 1

- Sales display supplied with 1/4" socket wrench set (10 pcs.) item no. 5090-1425.

*See page 157 for 1/4" socket wrench set content.*

*For empty display: Item nr. P5090-1025-1 (280 g)*

## 4590 J **SALES DISPLAY WITH 1/4" BITS SET**

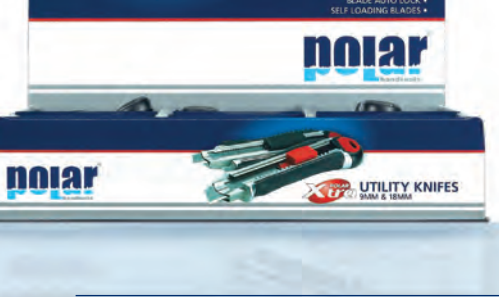
**ITEM NO. 4590-1086**

5704196 051987 6,8 KG **WxDxH** 170 x 380 x 100 mm 1

- Sales display supplied with 1/4" bits sets (10 pcs.) item no. 4590-0086.

*See page 153 for 1/4" bits set content.*

*For empty display: Item nr. P4590-1086-1 (285 g)*






# POLAR COLLECTION

*The POLAR Collection covers a range of promotional products and merchandise. We do not compromise with quality – you will always get our well known quality, also for gear and merchandise.*

## 1005 R **KNEELING MAT**

- Oilproof EVA/PE foam.

| ITEM NO. | 5704196+ | H MM | W MM | D MM | G | |
|---|---|---|---|---|---|---|
| R1005-1000 | 021911 | 30 | 435 | 230 | 146 | 1 |

## 4020 **POLAR MUG**

- Dishwasher safe.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R4020-0001 | 026978 | 326 | 1 |

## 4000 **POLAR PEN**

- With pocket clip.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R4000-0100 | 026886 | 10 | 100 |

## 4000 **LETTER OPENER**

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R4000-0000 | 026862 | 72 | 1 |

## 4000 **PAPER BLOCK**

- Squared paper.
- Size: 105 x 148 mm

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R4000-0200 | 026893 | 68 | 5 |

## 1000 **POLAR MENTOS**

- Classic Mint.

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R1000-0010 | 026855 | 2 | 100 |

## 4000 **PLASTIC BAG**

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R4000-0050 | 026879 | 18 | 500 |

## 4001 **BOTTLE OPENER**

| ITEM NO. | 5704196+ | G | |
|---|---|---|---|
| R4001-0001 | 046846 | 69 | 1 |

## 4002 **FACE ADHESIVE STICKER**

- For shop windows (glue on printside for inside use)
- Vinyl quality.

| ITEM NO. | 5704196+ | SIZE MM | G | |
|---|---|---|---|---|
| R4002-0010 | 026930 | 310 x 130 mm | 7 | 1 |

## 4002 **STICKERS**

- Vinyl quality.

| ITEM NO. | 5704196+ | SIZE MM | G | |
|---|---|---|---|---|
| R4002-0001 | 026909 | 80 x 40 | 0,7 | 10 |
| R4002-0002 | 026916 | 50 x 120 | 1,4 | 10 |
| R4002-0003 | 026923 | 80 x 180 | 3,4 | 10 |

## 4010 **POSTER**

- Including hanging rails.

| ITEM NO. | 5704196+ | SIZE CM | KG | |
|---|---|---|---|---|
| R4010-0005 | 026947 | 50 x 70 | 0,5 | 1 |

## 4590 **BIT RATCHET SET**

**ITEM NO. R4590-0012**

- Bit ratchet set supplied in compact wooden box with 10 pcs. 1/4" bits and 1/4" socket wrench adaptor.
- 12 tools.

135 MM × 40 MM × 55 MM

292 G

5704196 050645

1

*CONTENT:*

| QTY. | DESCRIPTION | SIZE |
|---|---|---|
| 1 | Bit ratchet | 4714 A 1/4" |
| 1 | Socket wrench adaptor | 4714 1/4" |
| 3 | Bits for Phillips® screws | 4514 PH 1/4" PH 1 - 2 - 3 |
| 4 | Bits for Torx® screws | 4514 TX 1/4" TX T15 - T20 - T25 - T30 |
| 3 | Bits for Pozidriv® screws | 4514 PZ 1/4" PZ 1 - 2 - 3 |

*Supplied in gift box.*

# POLAR
## POLAR COLLECTION

### 4010 **BANNER**

- Outdoor PVC banner with reinforced edges.

| ITEM NO. | 5704196+ | SIZE CM | KG | |
|---|---|---|---|---|
| R4010-0030 | 026961 | 100 x 200 | 5 | 1 |

### 4010 **ROLL UP**

- Supplied in a carrying bag.

| ITEM NO. | 5704196+ | SIZE CM | KG | |
|---|---|---|---|---|
| R4010-0010 | 026954 | 85 x 200 | 4 | 1 |

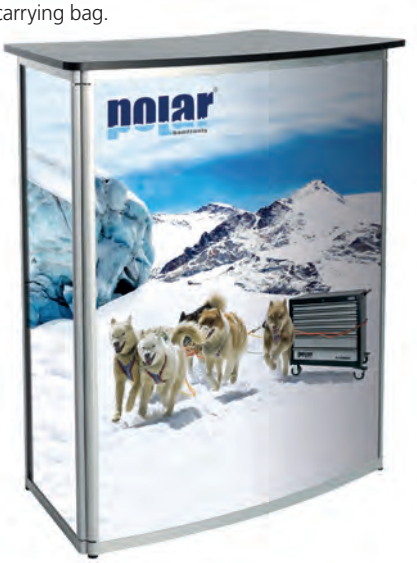
### 4025 **BEACH FLAG**

- Beach flag including bag and base plate.

| ITEM NO. | 5704196+ | SIZE CM | KG | |
|---|---|---|---|---|
| R4025-0001 | 026985 | 88 x 200 | 5 | 1 |

### 4030 **POLAR EXHIBITION COUNTER**

- Folding exhibition counter in aluminum.
- Supplied in a carrying bag.



| ITEM NO. | 5704196+ | H CM | W CM | D CM | KG | |
|---|---|---|---|---|---|---|
| R4030-0010 | 027005 | 90 | 80 | 42 | 10 | 1 |

# CONVERSION TABLE - INCHES / MILLIMETERS

| INCH | | 1" | 2" | 3" | 4" | 5" | 6" | 7" | 8" | 9" |
|---|---|---|---|---|---|---|---|---|---|---|
| | MILLIMETERS | | | | | | | | | |
| 0" | 0 | 25,400 | 50,800 | 76,200 | 101,600 | 127,000 | 152,400 | 177,800 | 203,200 | 228,600 |
| 1/64" | 0,397 | 25,797 | 51,197 | 76,597 | 101,997 | 127,397 | 152,797 | 178,197 | 203,597 | 228,997 |
| 1/32" | 0,794 | 26,194 | 51,594 | 76,994 | 102,394 | 127,794 | 153,194 | 178,594 | 203,994 | 229,394 |
| 3/64" | 1,191 | 26,591 | 51,991 | 77,391 | 102,791 | 128,191 | 153,591 | 178,991 | 204,391 | 229,791 |
| 1/16" | 1,588 | 26,988 | 52,388 | 77,788 | 103,188 | 128,588 | 153,988 | 179,388 | 204,788 | 230,188 |
| 5/64" | 1,984 | 27,384 | 52,784 | 78,184 | 103,584 | 128,984 | 154,384 | 179,784 | 205,184 | 230,584 |
| 3/32" | 2,381 | 27,781 | 53,181 | 78,581 | 103,981 | 129,381 | 154,781 | 180,181 | 205,581 | 230,981 |
| 7/64" | 2,778 | 28,178 | 53,578 | 78,978 | 104,378 | 129,778 | 155,178 | 180,578 | 205,978 | 231,378 |
| 1/8" | 3,175 | 28,575 | 53,975 | 79,375 | 104,775 | 130,175 | 155,575 | 180,975 | 206,375 | 231,775 |
| 9/64" | 3,572 | 28,972 | 54,372 | 79,772 | 105,172 | 130,572 | 155,972 | 181,372 | 206,772 | 232,172 |
| 5/32" | 3,969 | 29,369 | 54,769 | 80,169 | 105,569 | 130,969 | 156,369 | 181,769 | 207,169 | 232,569 |
| 11/64" | 4,366 | 29,766 | 55,166 | 80,566 | 105,966 | 131,366 | 156,766 | 182,166 | 207,566 | 232,966 |
| 3/16" | 4,762 | 30,162 | 55,562 | 80,962 | 106,362 | 131,762 | 157,162 | 182,562 | 207,962 | 233,362 |
| 13/64" | 5,159 | 30,559 | 55,959 | 81,359 | 106,759 | 132,159 | 157,559 | 182,959 | 208,359 | 233,759 |
| 7/32" | 5,556 | 30,956 | 56,356 | 81,756 | 107,156 | 132,556 | 157,956 | 183,356 | 208,756 | 234,156 |
| 15/64" | 5,953 | 31,353 | 56,753 | 82,153 | 107,553 | 132,953 | 158,353 | 183,753 | 209,153 | 234,553 |
| 1/4" | 6,35 | 31,750 | 57,150 | 82,550 | 107,950 | 133,350 | 158,750 | 184,150 | 209,550 | 234,950 |
| 17/64" | 6,747 | 32,147 | 57,547 | 82,947 | 108,347 | 133,747 | 159,147 | 184,547 | 209,947 | 235,347 |
| 9/32" | 7,144 | 32,544 | 57,944 | 83,344 | 108,744 | 134,144 | 159,544 | 184,944 | 210,344 | 235,744 |
| 19/64" | 7,541 | 32,941 | 58,341 | 83,741 | 109,141 | 134,541 | 159,941 | 185,341 | 210,741 | 236,141 |
| 5/16" | 7,938 | 33,338 | 58,738 | 84,138 | 109,538 | 134,938 | 160,338 | 185,738 | 211,138 | 236,538 |
| 21/64" | 8,334 | 33,734 | 59,134 | 84,534 | 109,934 | 135,334 | 160,734 | 186,134 | 211,534 | 236,934 |
| 11/32" | 8,731 | 34,131 | 59,531 | 84,931 | 110,331 | 135,731 | 161,131 | 186,531 | 211,931 | 237,331 |
| 23/64" | 9,128 | 34,528 | 59,928 | 85,328 | 110,728 | 136,128 | 161,528 | 186,928 | 212,328 | 237,728 |
| 3/8" | 9,525 | 34,925 | 60,325 | 85,725 | 111,125 | 136,525 | 161,925 | 187,325 | 212,725 | 238,125 |
| 25/64" | 9,922 | 35,322 | 60,722 | 86,122 | 111,522 | 136,922 | 162,322 | 187,722 | 213,122 | 238,522 |
| 13/32" | 10,319 | 35,719 | 61,119 | 86,519 | 111,919 | 137,319 | 162,719 | 188,119 | 213,519 | 238,919 |
| 27/64" | 10,716 | 36,116 | 61,516 | 86,916 | 112,316 | 137,716 | 163,116 | 188,516 | 213,916 | 239,316 |
| 7/16" | 11,112 | 36,512 | 61,912 | 87,312 | 112,712 | 138,112 | 163,512 | 188,912 | 214,312 | 239,712 |
| 29/64" | 11,509 | 36,909 | 62,309 | 87,709 | 113,109 | 138,509 | 163,909 | 189,309 | 214,709 | 240,109 |
| 15/32" | 11,906 | 37,306 | 62,706 | 88,106 | 113,506 | 138,906 | 164,306 | 189,706 | 215,106 | 240,506 |
| 31/64" | 12,303 | 37,703 | 63,103 | 88,503 | 113,903 | 139,303 | 164,703 | 190,103 | 215,503 | 240,903 |
| 1/2" | 12,7 | 38,100 | 63,500 | 88,900 | 114,300 | 139,700 | 165,100 | 190,500 | 215,900 | 241,300 |
| 33/64" | 13,097 | 38,497 | 63,897 | 89,297 | 114,697 | 140,097 | 165,497 | 190,897 | 216,297 | 241,697 |
| 17/32" | 13,494 | 38,894 | 64,294 | 89,694 | 115,094 | 140,494 | 165,894 | 191,294 | 216,694 | 242,094 |
| 35/64" | 13,891 | 39,291 | 64,691 | 90,091 | 115,491 | 140,891 | 166,291 | 191,691 | 217,091 | 242,491 |
| 9/16" | 14,288 | 39,688 | 65,088 | 90,488 | 115,888 | 141,288 | 166,688 | 192,088 | 217,488 | 242,888 |
| 37/64" | 14,684 | 40,084 | 65,484 | 90,884 | 116,284 | 141,684 | 167,084 | 192,484 | 217,884 | 243,284 |
| 19/32" | 15,081 | 40,481 | 65,881 | 91,281 | 116,681 | 142,081 | 167,481 | 192,881 | 218,281 | 243,681 |
| 39/64" | 15,478 | 40,878 | 66,278 | 91,678 | 117,078 | 142,478 | 167,878 | 193,278 | 218,678 | 244,078 |
| 5/8" | 15,875 | 41,275 | 66,675 | 92,075 | 117,475 | 142,875 | 168,275 | 193,675 | 219,075 | 244,475 |
| 41/64" | 16,272 | 41,672 | 67,072 | 92,472 | 117,872 | 143,272 | 168,672 | 194,072 | 219,472 | 244,872 |
| 21/32" | 16,669 | 42,069 | 67,469 | 92,869 | 118,269 | 143,669 | 169,069 | 194,469 | 219,869 | 245,269 |
| 43/64" | 17,066 | 42,466 | 67,866 | 93,266 | 118,666 | 144,066 | 169,466 | 194,866 | 220,266 | 245,666 |
| 11/16" | 17,462 | 42,862 | 68,262 | 93,662 | 119,062 | 144,462 | 169,862 | 195,262 | 220,662 | 246,062 |
| 45/64" | 17,859 | 43,259 | 68,659 | 94,059 | 119,459 | 144,859 | 170,259 | 195,659 | 221,059 | 246,459 |
| 23/32" | 18,256 | 43,656 | 69,056 | 94,456 | 119,856 | 145,256 | 170,656 | 196,056 | 221,456 | 246,856 |
| 47/64" | 18,653 | 44,053 | 69,453 | 94,853 | 120,253 | 145,653 | 171,053 | 196,453 | 221,853 | 247,253 |
| 3/4" | 19,05 | 44,450 | 69,850 | 95,250 | 120,650 | 146,050 | 171,450 | 196,850 | 222,250 | 247,650 |
| 49/64" | 19,447 | 44,847 | 70,247 | 95,647 | 121,047 | 146,447 | 171,847 | 197,247 | 222,647 | 248,047 |
| 25/32" | 19,844 | 45,244 | 70,644 | 96,044 | 121,444 | 146,844 | 172,244 | 197,644 | 223,044 | 248,444 |
| 51/64" | 20,241 | 45,641 | 71,041 | 96,441 | 121,841 | 147,241 | 172,641 | 198,041 | 223,441 | 248,841 |
| 13/16" | 20,638 | 46,038 | 71,438 | 96,838 | 122,238 | 147,638 | 173,038 | 198,438 | 223,838 | 249,238 |
| 53/64" | 21,034 | 46,434 | 71,834 | 97,234 | 122,634 | 148,034 | 173,434 | 198,834 | 224,234 | 249,634 |
| 27/23" | 21,431 | 46,831 | 72,231 | 97,631 | 123,031 | 148,431 | 173,831 | 199,231 | 224,631 | 250,031 |
| 55/64" | 21,828 | 47,228 | 72,628 | 98,028 | 123,428 | 148,828 | 174,228 | 199,628 | 225,028 | 250,428 |
| 7/8" | 22,225 | 47,625 | 73,025 | 98,425 | 123,825 | 149,225 | 174,625 | 200,025 | 225,425 | 250,825 |
| 57/64" | 22,622 | 48,022 | 73,422 | 98,822 | 124,222 | 149,622 | 175,022 | 200,422 | 225,822 | 251,222 |
| 29/32" | 23,019 | 48,419 | 73,819 | 99,219 | 124,619 | 150,019 | 175,419 | 200,819 | 226,219 | 251,619 |
| 59/64" | 23,416 | 48,816 | 74,216 | 99,616 | 125,016 | 150,416 | 175,816 | 201,216 | 226,616 | 252,016 |
| 15/16" | 23,812 | 49,212 | 74,612 | 100,012 | 125,412 | 150,812 | 176,212 | 201,612 | 227,012 | 252,412 |
| 61/64" | 24,209 | 49,609 | 75,009 | 100,409 | 125,809 | 151,209 | 176,609 | 202,009 | 227,409 | 252,809 |
| 31/32" | 24,606 | 50,006 | 75,406 | 100,806 | 126,206 | 151,606 | 177,006 | 202,406 | 227,806 | 253,206 |
| 63/64" | 25,003 | 50,403 | 75,803 | 101,203 | 126,603 | 152,003 | 177,403 | 202,803 | 228,203 | 253,603 |

# NOTES

# NOTES

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## SYMBOLS

*Weight*
*Packaging*
*EAN code*
*Go-through blade*
*ACR profile*
*VDE tested, voltage with stand strenght up to 1000 volt*
*Slotted*
*Phillips®*
*Pozidriv®*
*Torx®*
*Tamper Resistant Torx®*
*Hexagon*
*Square*
*XZN®*
*6-Point (Sockets)*
*12-Point (Sockets)*
*Torx® (Sockets)*
*Hexagon (Bit sockets)*
*Dimensions (L x H x W)*
*Tools with added value*

wrist

# POLAR
## NUMERICAL CONTENT

| ARTICLE | PAGE |
|---|---|
| 1000 | 11-19, 83 |
| 1002 | 9 |
| 1005 | 20 |
| 1010 | 21 |
| 1011 | 22-23 |
| 1020 | 88 |
| 1025 | 88 |
| 1050 | 89 |
| 1055 | 89 |
| 1090 | 21 |
| 1091 | 67, 69-70, 73-81, 96 |
| 1092 | 67, 69, 73, 83, 97-98 |
| 1093 | 99 |
| 1094 | 71, 75-81 |
| 1095 | 100, 102 |
| 1100 | 84 |
| 1110 | 84 |
| 1120 | 84-86 |
| 1125 | 86 |
| 1192 | 66, 68 |
| 1200 | 87 |
| 1201 | 87 |
| 1202 | 87 |
| 1300 | 82 |
| 1302 | 83 |
| 1340 | 82 |
| 1345 | 82 |
| 1355 | 83 |
| 1801 | 28 |
| 1802 | 28 |
| 1804 | 29 |
| 1805 | 29 |
| 1807 | 30 |
| 1808 | 30 |
| 1809 | 30 |
| 1810 | 31 |
| 1811 | 31 |
| 1812 | 31 |
| 1813 | 32 |
| 1814 | 32 |
| 1815 | 33 |
| 1816 | 33 |
| 1817 | 34 |
| 1818 | 34 |
| 1819 | 35 |
| 1820 | 35 |
| 1821 | 35 |
| 1822 | 36 |
| 1823 | 36 |
| 1824 | 36 |
| 1825 | 37 |
| 1826 | 37 |
| 1827 | 37 |
| 1828 | 37 |
| 1829 | 38 |
| 1830 | 39 |
| 1831 | 39-40 |
| 1832 | 40 |
| 1833 | 41 |
| 1834 | 41 |
| 1835 | 41 |
| 1836 | 41 |
| 1837 | 42 |
| 1839 | 42 |
| 1840 | 43 |
| 1841 | 43 |
| 1842 | 43 |
| 1843 | 44 |
| 1844 | 44 |
| 1845 | 44 |
| 1846 | 45 |
| 1847 | 45 |
| 1848 | 45 |
| 1849 | 45 |
| 1852 | 46 |
| 1853 | 46 |
| 1854 | 47 |
| 1855 | 47 |
| 1856 | 48 |
| 1860 | 48 |
| 1861 | 49 |
| 1862 | 49 |
| 1870 | 50 |
| 1875 | 50-65, 101, 103 |
| 1890 | 49 |
| 1900 | 300, 302 |
| 1901 | 300-301 |
| 1902 | 302 |
| 1905 | 301-302 |
| 1910 | 302 |
| 1912 | 302 |
| 1915 | 301 |
| 2000 | 105-106 |
| 2001 | 107 |
| 2005 | 107 |
| 2010 | 108 |
| 2012 | 267 |
| 2015 | 108-109 |
| 2070 | 107 |
| 2090 | 105-106 |
| 2091 | 108 |
| 2095 | 107 |
| 2100 | 109 |
| 2110 | 109 |
| 2112 | 267 |
| 2120 | 110 |
| 2195 | 109-110 |
| 2200 | 110 |
| 2290 | 110 |
| 2400 | 111 |
| 2405 | 111 |
| 2490 | 111 |
| 2495 | 111 |
| 2600 | 112 |
| 2602 | 112 |
| 2605 | 267 |
| 2690 | 112 |
| 3001 | 123, 268 |
| 3002 | 123, 268 |
| 3004 | 123, 268 |
| 3005 | 123, 268 |
| 3006 | 123, 268 |
| 3009 | 123, 268 |
| 3010 | 269 |
| 3011 | 269 |
| 3020 | 124, 269 |
| 3024 | 124 |
| 3025 | 124 |
| 3026 | 125 |
| 3050 | 125 |
| 3052 | 125 |
| 3060 | 126 |
| 3061 | 126 |
| 3090 | 124 |
| 3091 | 269 |
| 3100 | 128 |
| 3105 | 128 |
| 3110 | 128 |
| 3115 | 128 |
| 3190 | 128 |
| 3200 | 129 |
| 3202 | 129 |
| 3203 | 129 |
| 3205 | 129 |
| 3210 | 129 |
| 3215 | 129 |
| 3220 | 130 |
| 3315 | 130 |
| 3400 | 130 |
| 3500 | 131 |
| 3505 | 131 |
| 3601 | 126 |
| 3602 | 126 |
| 3603 | 126 |
| 3605 | 126 |
| 3606 | 127 |
| 3607 | 127 |
| 3608 | 127 |
| 3609 | 127 |
| 3690 | 127 |
| 3900 | 275 |
| 3901 | 275 |
| 3902 | 275 |
| 3903 | 275 |
| 3904 | 275 |
| 3910 | 276 |
| 3911 | 276 |
| 3912 | 276 |
| 3913 | 276 |
| 3914 | 276 |
| 3921 | 276 |
| 3923 | 276 |
| 3925 | 277 |
| 3929 | 277 |
| 3930 | 277 |
| 3933 | 277 |
| 3935 | 277 |
| 3937 | 277 |
| 3990 | 275 |
| 4000 | 134 |
| 4001 | 134 |
| 4002 | 134 |
| 4003 | 134 |
| 4005 | 134 |
| 4010 | 135 |
| 4011 | 135 |
| 4013 | 135 |
| 4015 | 135 |
| 4020 | 136 |
| 4021 | 136 |
| 4023 | 136 |
| 4030 | 139 |
| 4031 | 139 |
| 4035 | 140 |
| 4037 | 140 |
| 4042 | 140 |
| 4043 | 140 |
| 4045 | 141 |
| 4090 | 136, 137, 139 |
| 4091 | 137 |
| 4100 | 143 |
| 4105 | 144-145, 270 |
| 4106 | 144-145 |
| 4107 | 148 |
| 4108 | 148 |
| 4131 | 146 |
| 4135 | 146 |
| 4137 | 149 |
| 4142 | 149, 163 |
| 4190 | 143, 146-147 |
| 4192 | 146 |
| 4195 | 144-145, 147 |
| 4196 | 144-145 |
| 4197 | 148-149 |
| 4200 | 270 |
| 4202 | 270 |
| 4210 | 270 |
| 4220 | 270 |
| 4290 | 271 |
| 4400 | 141 |
| 4410 | 141 |
| 4430 | 141 |
| 4431 | 141 |
| 4490 | 142 |
| 4510 | 160-161 |
| 4511 | 162 |
| 4514 | 150-152 |
| 4516 | 159 |
| 4590 | 153-156, 163, 303 |
| 4614 | 156 |
| 4712 | 159-161 |
| 4714 | 157-158 |
| 4738 | 161 |
| 4790 | 160 |
| 4814 | 159 |
| 5001 | 208 |
| 5012 | 190, 192-195, 273 |
| 5014 | 166-168 |
| 5034 | 206 |
| 5038 | 177-181, 184, 272 |
| 5080 | 86 |
| 5081 | 86 |
| 5090 | 157, 173-176, 186-189, 195, 205, 209, 303 |
| 5091 | 205, 207 |
| 5112 | 196-201, 273 |
| 5114 | 169-170 |
| 5138 | 181-183 272 |
| 5190 | 197, 199-200 |
| 5191 | 92-95, 198-199, 201 |
| 5192 | 191, 201 |
| 5201 | 208 |
| 5212 | 202-203, 273 |
| 5214 | 171 |
| 5234 | 206-207 |
| 5238 | 184-185, 272 |
| 5290 | 202 |
| 5301 | 209 |
| 5312 | 204, 273 |
| 5314 | 172 |
| 5334 | 207 |
| 5338 | 185, 272 |
| 5401 | 208 |
| 5412 | 204, 273 |
| 5414 | 171 |
| 5434 | 206 |
| 5438 | 272 |
| 5512 | 204 |
| 5514 | 172 |
| 5600 | 203 |
| 5612 | 203 |
| 5614 | 171 |
| 5634 | 208 |
| 5638 | 185 |
| 5701 | 208 |
| 5712 | 203 |
| 5734 | 206 |
| 5738 | 185 |
| 5812 | 204 |
| 5814 | 172 |
| 5838 | 185 |
| 5901 | 209 |
| 5912 | 204 |
| 5934 | 206-207 |
| 5938 | 185 |
| 6001 | 238 |
| 6012 | 229-231, 235 |
| 6015 | 239 |
| 6034 | 236-237 |
| 6038 | 228-229 |
| 6090 | 230-231, 236, 238 |
| 6100 | 212-214 |
| 6105 | 215 |
| 6110 | 216-217 |
| 6112 | 232-234 |
| 6113 | 219 |
| 6115 | 219 |
| 6120 | 218 |
| 6125 | 218 |
| 6127 | 218 |
| 6130 | 220 |
| 6134 | 237 |
| 6135 | 222 |
| 6137 | 223 |
| 6138 | 228 |
| 6145 | 220 |
| 6160 | 221 |
| 6165 | 223 |
| 6190 | 228, 232-234 |
| 6201 | 239 |
| 6212 | 235 |
| 6234 | 237 |
| 6238 | 228 |
| 6601 | 239 |
| 6612 | 235 |
| 6614 | 229 |
| 6634 | 237 |
| 6638 | 229 |
| 6701 | 239 |
| 6712 | 235 |
| 6715 | 239 |
| 6734 | 237 |
| 6801 | 239 |
| 6812 | 235 |
| 6834 | 237 |
| 6838 | 229 |
| 6909 | 226 |
| 6910 | 226 |
| 6915 | 226 |
| 6920 | 226 |
| 6921 | 226 |
| 6950 | 224 |
| 6953 | 224 |
| 6956 | 224-225 |
| 6957 | 224-225 |
| 7100 | 115 |
| 7200 | 115 |
| 7300 | 116 |
| 7400 | 117 |
| 7514 | 119 |
| 7614 | 117 |
| 7638 | 117 |
| 7690 | 118 |
| 7700 | 119-120 |
| 7780 | 120 |
| 7800 | 121 |
| 7801 | 120 |
| 7802 | 121 |
| 7900 | 121 |
| 7908 | 120 |
| 8010 | 241 |
| 8020 | 241 |
| 8022 | 241 |
| 8030 | 241 |
| 8040 | 242 |
| 8047 | 242 |
| 8050 | 242 |
| 8052 | 242 |
| 8054 | 243 |
| 8060 | 243 |
| 8070 | 243 |
| 8200 | 243 |
| 8205 | 244 |
| 8210 | 244 |
| 8215 | 244 |
| 8220 | 244 |
| 8270 | 278 |
| 8272 | 278 |
| 8275 | 278 |
| 8290 | 243-245 |
| 8300 | 245 |
| 8305 | 279 |
| 8310 | 280 |
| 8312 | 280 |
| 8316 | 280 |
| 8318 | 280 |
| 8320 | 279 |
| 8330 | 280 |
| 8332 | 280 |
| 8335 | 280 |
| 8336 | 281 |
| 8340 | 281 |
| 8350 | 281 |
| 8352 | 281 |
| 8353 | 281 |
| 8354 | 282 |
| 8390 | 245 |
| 8395 | 279 |
| 8400 | 282 |
| 8450 | 255 |
| 8453 | 255 |
| 8455 | 256 |
| 8456 | 256-257 |
| 8457 | 257 |
| 8458 | 258 |
| 8459 | 258 |
| 8460 | 258 |
| 8461 | 259 |
| 8462 | 259 |
| 8463 | 259-260 |
| 8464 | 260 |
| 8465 | 260 |
| 8466 | 261 |
| 8467 | 261 |
| 8470 | 261 |
| 8471 | 261 |
| 8472 | 261 |
| 8473 | 262 |
| 8474 | 262 |
| 8475 | 262 |
| 8476 | 262 |
| 8478 | 263 |
| 8479 | 263 |
| 8480 | 263 |
| 8481 | 263 |
| 8482 | 264 |
| 8485 | 264 |
| 8486 | 264 |
| 8487 | 264 |
| 8489 | 265 |
| 8490 | 265 |
| 8492 | 265 |
| 8494 | 282 |
| 8572 | 283 |
| 8580 | 283 |
| 8608 | 131 |
| 8609 | 131 |
| 8610 | 283 |
| 8620 | 131 |
| 8670 | 284 |
| 8674 | 284 |
| 8677 | 284 |
| 8678 | 284 |
| 8901 | 284 |
| 8902 | 284 |
| 8903 | 284 |
| 8904 | 285 |
| 8905 | 285 |
| 8906 | 285 |
| 8907 | 285 |
| 8908 | 285 |
| 8915 | 285 |
| 8916 | 285 |
| 8917 | 286 |
| 8918 | 286 |
| 8919 | 286 |
| 8925 | 286 |
| 8926 | 286 |
| 8927 | 286 |
| 8928 | 286 |
| 8929 | 286 |
| 8930 | 287 |
| 8931 | 287 |
| 8932 | 287 |
| 8940 | 287 |
| 8990 | 287 |
| 9000 | 288 |
| 9001 | 288 |
| 9003 | 288 |
| 9005 | 289 |
| 9006 | 289 |
| 9007 | 289 |
| 9008 | 288 |
| 9010 | 289 |
| 9101 | 290 |
| 9102 | 290 |
| 9105 | 290 |
| 9107 | 290 |
| 9108 | 290 |
| 9110 | 291 |
| 9115 | 291 |
| 9117 | 291 |
| 9130 | 291 |
| 9132 | 267 |
| 9133 | 267 |
| 9200 | 247, 292 |
| 9210 | 292 |
| 9211 | 292 |
| 9300 | 247 |
| 9301 | 247-248 |
| 9302 | 248 |
| 9303 | 248 |
| 9305 | 248-249 |
| 9307 | 249 |
| 9308 | 249 |
| 9310 | 248 |
| 9315 | 250 |
| 9317 | 251 |
| 9320 | 250 |
| 9322 | 250 |
| 9330 | 250 |
| 9335 | 250 |
| 9340 | 250 |
| 9350 | 251 |
| 9351 | 251 |
| 9353 | 251 |
| 9357 | 275 |
| 9360 | 251 |
| 9390 | 251 |
| 9400 | 252 |
| 9402 | 252 |
| 9407 | 252 |
| 9410 | 253 |
| 9500 | 253 |
| 9502 | 253 |
| 9510 | 253 |
| 9605 | 293-294 |
| 9606 | 294-295 |
| 9608 | 297 |
| 9610 | 295 |
| 9611 | 295 |
| 9612 | 295-296 |
| 9613 | 296 |
| 9615 | 296 |
| 9617 | 296 |
| 9620 | 297 |
| 9628 | 297 |
| 9650 | 298 |
| 9655 | 298 |
| 9660 | 298 |
| 9670 | 299 |
| 9671 | 299 |
| 9675 | 299 |
| 9676 | 299 |
| 9705 | 299 |
| P1000 | 24-25 |

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