

## Socket tools

Socket sets, Engineering tools, Spanners for switch-cabinets



# Spanners

## Double ended spanners acc. to DIN 3110

chrome vanadium steel, bright chromium-plated, head polished, offset at 15°



| Art. No. | mm      | length | strength | weight | PU |
|----------|---------|--------|----------|--------|----|
| 11 00 90 | 6 x 7   | 120    | 3.2      | 20     | 5  |
| 11 00 92 | 8 x 9   | 140    | 3.5      | 30     | 5  |
| 11 00 94 | 10 x 11 | 157    | 4.0      | 42     | 5  |
| 11 00 96 | 12 x 13 | 172    | 4.5      | 57     | 5  |
| 11 01 00 | 14 x 15 | 190    | 5.0      | 93     | 5  |
| 11 01 04 | 16 x 17 | 205    | 5.5      | 110    | 5  |
| 11 01 08 | 18 x 19 | 223    | 6.0      | 145    | 5  |
| 11 01 12 | 21 x 23 | 250    | 7.0      | 225    | 5  |
| 11 01 14 | 24 x 26 | 250    | 7.0      | 290    | 5  |
| 11 01 20 | 27 x 32 | 302    | 8.2      | 420    | 5  |

## Double ended spanners set acc. to DIN 3110

chrome vanadium steel, chromium-plated, head polished, in plastic bags.

Contents:

Art. No. 11 01 30: 1 piece each 6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22

Art. No. 11 01 32: 1 piece each 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 - 24 x 26 - 25 x 28 - 27 x 32



| Art. No. | set       | weight | PU |
|----------|-----------|--------|----|
| 11 01 30 | 8-pieces  | 730    | 1  |
| 11 01 32 | 12-pieces | 2000   | 1  |

## Double ended ring spanners to DIN 838

chrome vanadium steel, bright chromium-plated, head polished, offset at 75°



| Art. No. | mm      | length | weight | PU |
|----------|---------|--------|--------|----|
| 11 01 40 | 6 x 7   | 170    | 38     | 5  |
| 11 01 42 | 8 x 9   | 185    | 60     | 5  |
| 11 01 44 | 10 x 11 | 205    | 86     | 5  |
| 11 01 46 | 12 x 13 | 220    | 130    | 5  |
| 11 01 48 | 14 x 15 | 240    | 160    | 5  |
| 11 01 52 | 16 x 17 | 265    | 205    | 5  |
| 11 01 54 | 18 x 19 | 280    | 255    | 5  |
| 11 01 60 | 24 x 26 | 335    | 450    | 5  |
| 11 01 64 | 27 x 32 | 370    | 630    | 5  |

## Double ended ring spanner sets DIN 838

chrome vanadium steel, bright chromium-plated, head polished, in plastic bags.

Contents:

Art. No. 11 01 70: 1 piece each 6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22

Art. No. 11 01 72: 1 piece each 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 - 24 x 26 - 25 x 28 - 27 x 32



| Art. No. | set       | weight | PU |
|----------|-----------|--------|----|
| 11 01 70 | 8-pieces  | 1350   | 1  |
| 11 01 72 | 12-pieces | 3430   | 1  |

## Combination spanners similar to DIN 3113

chrome vanadium steel, chromium-plated, head polished, offset at 15°



| Art. No. | mm | length | weight | PU |
|----------|----|--------|--------|----|
| 11 01 80 | 6  | 100    | 13     | 5  |
| 11 01 82 | 7  | 110    | 16     | 5  |
| 11 01 84 | 8  | 120    | 23     | 5  |
| 11 01 86 | 9  | 130    | 25     | 5  |
| 11 01 88 | 10 | 140    | 35     | 5  |
| 11 01 90 | 11 | 150    | 45     | 5  |
| 11 01 92 | 12 | 160    | 52     | 5  |
| 11 01 94 | 13 | 170    | 70     | 5  |
| 11 01 96 | 14 | 180    | 85     | 5  |
| 11 01 98 | 15 | 190    | 95     | 5  |
| 11 02 02 | 17 | 210    | 125    | 5  |
| 11 02 04 | 18 | 220    | 140    | 5  |
| 11 02 06 | 19 | 230    | 160    | 5  |
| 11 02 12 | 22 | 260    | 255    | 1  |
| 11 02 16 | 24 | 280    | 285    | 1  |
| 11 02 22 | 27 | 310    | 390    | 1  |

## Combination spanners similar to DIN 3113

chrome vanadium steel, bright chromium-plated, head polished, in plastic bags.

Contents:

Art. No. 11 02 50:

1 piece each SW 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22

Art. No. 11 02 52:

1 piece each SW 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 18 - 19 - 22 - 24 - 27



Art. 11 02 50

Art. 11 02 52

| Art. No. | set                    | weight | PU |
|----------|------------------------|--------|----|
| 11 02 50 | 12-pieces              | 985    | 1  |
| 11 02 52 | 16-pieces in paper box | 3000   | 1  |

## Socket sets

### Socket set

1/4"

chrome vanadium steel, „Profi“-quality GS-tested, black plastic case, 1/4".

Contents:

12 Sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm,  
1 ratchet handle, 72 gears with quick release function,  
14 insert bit socket PH: 1 - 2 - 3, HX: 3 - 4 - 5 - 6 - 8, TX: 10 - 15 - 20 - 25 - 27 -  
30, 1 flexible extension bar, 2 extension bars 50 & 100 mm, 1 universal joint,  
1 sliding T-bar, 1 spinner handle for screwdriver



| Art. No. | set       | weight | PU |
|----------|-----------|--------|----|
| 11 06 74 | 33-pieces | 1300   | 1  |

### Socket set

3/8"

chrome vanadium steel, „Profi“-quality GS-tested, black plastic case, 3/8".

Contents:

18 Sockets: 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 -  
22 - 24 mm, 1 ratchet handle, 72 gears with quick release function,  
1 universal joint, 1 sliding head for extension bar work as T handle,  
2 spark plug sockets 16 & 21 mm,  
3 extension bars 20 - 75 - 150 mm



| Art. No. | set       | weight | PU |
|----------|-----------|--------|----|
| 11 06 76 | 26-pieces | 2400   | 1  |

### Socket set

1/2"

chrome vanadium steel, „Profi“-quality GS-tested, black plastic case, 1/2".

Contents:

20 Sockets: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 -  
24 - 26 - 27 - 28 - 30 - 32 mm, 1 ratchet handle, 72 gears with quick release  
function, 1 extension bar, safety locking type 250 mm, 1 extension bar 125 mm,  
1 sliding T-bar 300 mm, 1 universal joint



| Art. No. | set       | weight | PU |
|----------|-----------|--------|----|
| 11 06 77 | 25-pieces | 5950   | 1  |

### Socket set

1/4" 1/2"

chrome vanadium steel, „Profi“-quality GS-tested, black plastic case,

Contents:

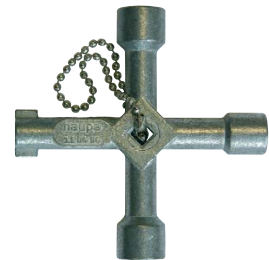
**1/4"**: 12 Sockets 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm,  
1 ratchet handle, 72 gears with quick release function, 1 universal joint,  
1 sliding head for extension bar work as T handle, 2 extension bars 50 & 150  
mm, 1 spinner handle for screwdriver, 12 insert bit sockets: PH: 1-2;  
HX: 3 - 4 - 5 - 6, FD: 5.5 - 7, TX: 20 - 25 - 27 - 30, 5 Hex keys: 1.25 - 1.5 - 2.0 -  
2.5 - 3.0 mm  
**1/2"**: 13 sockets 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 - 24 - 27 - 30 - 32  
mm, 1 ratchet handle, 72 gears with quick release function, 2 extension bars 75  
& 250 mm, 1 sliding head for extension bar work as T handle, 2 plug sockets  
16 & 21 mm, 1 universal joint



| Art. No. | set       | weight | PU |
|----------|-----------|--------|----|
| 11 06 78 | 53-pieces | 5750   | 1  |

### Spanners for switch-cabinets

made of metal for high torques, small size, low weight, with chain inside square  
6 mm, inside square 7 - 8 mm, inside threesquare 7 - 8 mm,  
double size 3 - 5 mm



| Art. No. | size    | weight | PU |
|----------|---------|--------|----|
| 11 06 96 | 72 x 72 | 20     | 10 |

### Adjustable wrenches to DIN 3117 A

steel forged, chromium-plated  
(I = Importquality)



| Art. No.   | length | a-range | depth jaw | th. jaw | weight | PU |
|------------|--------|---------|-----------|---------|--------|----|
| 11 05 82/I | 210    | 24      | 21        | 13      | 255    | 6  |
| 11 05 84/I | 260    | 29      | 24        | 15      | 440    | 6  |
| 11 05 86/I | 310    | 34      | 28        | 19      | 630    | 6  |

**haupa**

...convincing solutions