



## Combination spanner, Width across flats: 16 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 613500 16     |
| GTIN         | 4018754018819 |
| Item class   | 63A           |

### Description

#### Version:

Drop-forged. With close tolerance jaw width.

With easy-grip fluted shaft. Optimum flexional resistance, good torque transmission. Ring end with **AS-Drive** profile. (Sizes 3.2 – 5 with hexagon).

#### Standard:

**DIN 3113 A / ISO 3318 / ISO 7738**

#### Material:

Chrome alloy steel, non-flaking chrome-plated over nickel; smoothed finish.

#### Note:

**AS-Drive** – the special profile. An extremely accurately fitting profile - developed for aviation and aerospace. Tools with this profile can be recognised by the **AS-Drive** symbol.

#### Advantage:

- **Bolts are gripped on the flanks. – The bolts are protected. – Longer bolt life.**
- **Larger contact surfaces between bolt and tool. – Secure grip and higher torque transmission.**

Spanner length L: 180 mm

maximum jaw height h<sub>1</sub>: 8 mm

maximum ring height h<sub>2 max</sub>: 13 mm

### Technical description

|                                   |        |
|-----------------------------------|--------|
| maximum jaw height h <sub>1</sub> | 8 mm   |
| Width across flats                | 16 mm  |
| Spanner length L                  | 180 mm |
| Width across flats                | metric |

|                                 |                             |
|---------------------------------|-----------------------------|
| maximum ring height $h_{2\max}$ | 13 mm                       |
| Standard                        | DIN 3113 A                  |
| Standard                        | ISO 3318                    |
| Standard                        | ISO 7738                    |
| Ring setting                    | 15 degrees                  |
| Manufacturing process           | drop forged                 |
| Material                        | Chrome alloy steel          |
| Surface                         | chromium-plated over nickel |
| Type of product                 | Spanner                     |

---

## Accessories

|  |        |
|--|--------|
| Socket set 3/8 inch square drive 44 pieces                           | 634411 |
| Socket set and combination spanners, 1/2 inch square drive 47 pieces | 638561 |