



## Combination spanner, Width across flats: 13 mm



### Order data

Order number	613500 13
GTIN	4018754018789
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: 160 mm

maximum jaw height h<sub>1</sub>: 6.5 mm

maximum ring height h<sub>2max</sub>: 11 mm

### Technical description

maximum jaw height h <sub>1</sub>	6.5 mm
Spanner length L	160 mm
Width across flats	13 mm
Width across flats	metric

maximum ring height $h_{2\max}$	11 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

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## Accessories

Electronics tool kit, 118 pieces without case	680405
Socket set and combination spanners, 1/2 inch square drive 47 pieces	638561
Socket set 3/8 inch square drive 44 pieces	634411
Electronics tool kit, 118 pieces with aluminium tool case	680400