



## Combination spanner, Width across flats: 19 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 613800 19     |
| GTIN         | 4013288212757 |
| Item class   | 63F           |

### Description

#### Version:

Drop-forged. With close tolerance jaw width.

Particularly suitable where space is tight. The combination of the 7.5° offset for the open jaws and the bi-hexagon geometry for the ring achieves a doubling of the application points. The small working arc of the open jaws allows the bolt head to be gripped every 15° of rotation.

#### Standard:

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

#### Material:

Chrome molybdenum steel, matt chrome-plated.

Spanner length L: 230 mm

maximum jaw height h<sub>1</sub>: 9 mm

maximum ring height h<sub>2 max</sub>: 14 mm

### Technical description

|  |            |
|--|------------|
| maximum ring height h <sub>2 max</sub> | 14 mm      |
| Width across flats                     | metric     |
| Width across flats                     | 19 mm      |
| maximum jaw height h <sub>1</sub>      | 9 mm       |
| Spanner length L                       | 230 mm     |
| Standard                               | DIN 3113 A |
| Standard                               | ISO 3318   |
| Standard                               | ISO 7738   |

|                       |                            |
|-----------------------|----------------------------|
| Manufacturing process | drop forged                |
| Material              | Chromium-molybdenum steel. |
| Surface               | matt chrome-plated         |
| Type of product       | Spanner                    |