



## Double-ended open ring spanner, Width across flats: 19X22mm



### Order data

Order number	619200 19X22
GTIN	4018754021970
Item class	63A

### Description

#### Version:

Drop forged; with reinforced ring, therefore exceptionally strong; jaw widths to exact tolerances. 10° angled heads.

With easy-grip fluted shaft. Optimum flexural strength, good torque transmission, very light and easy to use. Up to size 12×14 mm with hexagon ring - size 14×17 mm and above with bi-hexagon.

#### Standard:

**DIN 3118 / ISO 3318**

#### Material:

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

### Technical description

Width across flats 1	19 mm
maximum ring height $h_{2\max}$	15 mm
Spanner length L	230 mm
maximum ring height $h_{1\max}$	13 mm
Width across flats 2	22 mm
maximum ring $\varnothing D_1 \max$	33 mm
maximum ring $\varnothing D_2 \max$	37 mm
Width across flats	metric
Standard	DIN 3118 / ISO 3318
Ring setting	10 degrees

Manufacturing process	drop forged
Material	Chrome alloy steel
Surface	chrome-plated (non-flaking)
open ring	yes
Type of product	Spanner