



## Double-ended ring spanner, metric, extra long

220



Product no. **41032022**  
GTIN **4018754140435**  
Model **220 20 x 22**



**Label.** Double-ended ring spanner Spanner size 20 x 22 mm L.409mm

**Features.**

- extra long
- 15° angled
- HPQ® high performance steel, chrome plated

## Advantages.

High quality double-ended ring spanner with an extra long design for better power transmission.

## Product highlights.



### Extra-long design.

The spanner is ideal for working on hard-to-reach screw points due to its extended design and enables high torques for better power transmission when tightening.

## Technologies and features.



### High Performance Quality (HPQ®)

Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.



### Anti-Slip-Drive

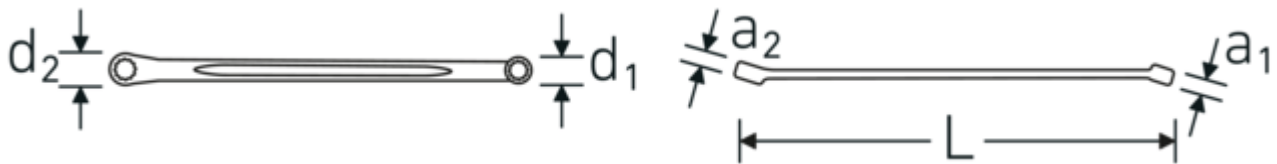
The special AS-Drive profile makes high force transmission to the flats of screws and bolts possible without damaging them. This also prevents stripping of the screw head.



### Thin-walled rings

The thin wall diameter of our rings makes it easier to work in confined spaces. The ring sides are taller than standard nuts, which prevents jamming.

## Technical Drawing.



## Technical Attributes.

a1	13 mm
a2	14,3 mm
Drive profile	bi-hex AS-Drive®
d1	28,5 mm
d2	31,5 mm
Length mm (L)	409 mm
Spanner size 1 [mm]	20 mm
Ring position	15 °
Spanner size 2 [mm]	22 mm

## Logistics data.

Depth mm (IFS)	407
Width mm (IFS)	32
Height mm (IFS)	24
Length (packed, mm)	450
Width (packed, mm)	100
Height (packed, mm)	34
Volume (packed, dm3)	1.53 dm3
Product no.	41032022
Weight (gross, kg)	2,615
Weight PAP (kg)	0,000
Weight PVC (kg)	0,009
GTIN	4018754140435
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Packing standard	5
Weight	515 g

## Variants.

Product no.	Model no. (ERP)	Description	GTIN
41035507	220 5,5 x 7	Double-ended ring spanner Spanner size 5.5 x 7 mm L.185mm	4018754139286
41030608	220 6 x 8	Double-ended ring spanner Spanner size 6 x 8 mm L.205mm	4018754139279
41030911	220 9 x 11	Double-ended ring spanner Spanner size 9 mm L.250mm	4018754140367
41031011	220 10 x 11	Double-ended ring spanner Spanner size 10 x 11 mm L.250mm	4018754140374
41031214	220 12 x 14	Double-ended ring spanner Spanner size 12 x 14 mm L.290mm	4018754140381
41031314	220 13 x 14	Double-ended ring spanner Spanner size 13 x 14 mm L.290mm	4018754140398
41031719	220 17 x 19	Double-ended ring spanner Spanner size 17 x 19 mm L.365mm	4018754140404
41031819	220 18 x 19	Double-ended ring spanner Spanner size 18 x 19 mm L.365mm	4018754140411
41031922	220 19 x 22	Double-ended ring spanner Spanner size 19 x 22 mm L.408mm	4018754140428
41032022	220 20 x 22	Double-ended ring spanner Spanner size 20 x 22 mm L.409mm	4018754140435

## GTIN-Code.



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