



VDE single-ended ring spanners

12161 VDE



Product no. **44190019**
GTIN **4018754254064**
Model **12161 VDE 19**



Label. VDE single-ended ring spanner Size 19mm

Properties.

- **metric** spanner sizes
- bi-hex with AS-Drive profile
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- Chrome Alloy Steel, chrome-plated

Technologies and features.



Anti-Slip-Drive

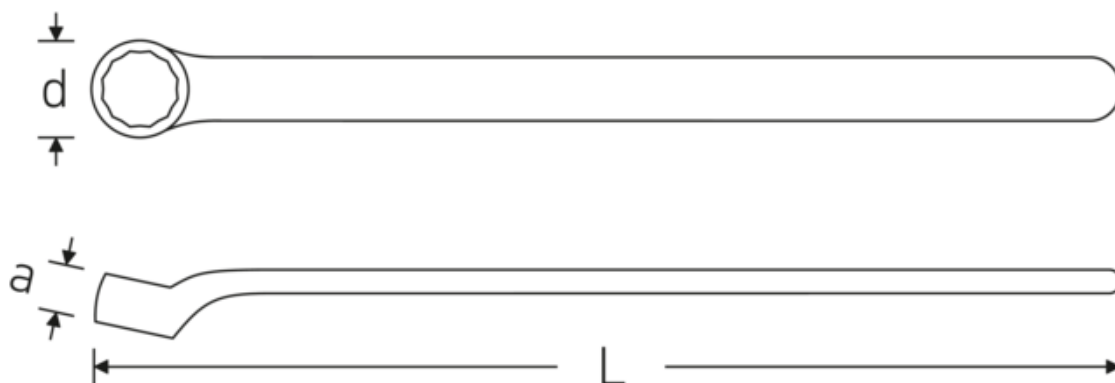
The special AS-Drive profile makes high force transmission to the flats of bolts and nuts possible without damaging them. This also prevents stripping of the screw head.



Thin-walled rings

The thin-walled diameter of our rings makes it easier to work in confined spaces. The ring wall is deeper than standard nuts, which prevents jamming.

Technical drawing.



Technical attributes.

a	18 mm
d	32 mm
DIN	DIN EN 60900
Length mm (L)	227,1 mm
Size 1 [mm]	19 mm

Logistics data.

Depth mm (IFS)	230
Width mm (IFS)	31
Height mm (IFS)	15
WEEE/ElektroG	nicht ear-pflichtig
Length (packaged, mm)	280
Width (packaged, mm)	100
Height (packaging, mm)	20
Volume (packaged, dm3)	0.56 dm3
Product no.	44190019
Weight (gross, kg)	0,182
Weight PAP (kg)	0,000
Weight PVC (kg)	0,005
GTIN	4018754254064
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Customs tariff no.	82041100
Packing standard	1
Weight (g)	190 g

Variants.

Product no.	Model No. (ERP)	Description	GTIN
44190010	12161 VDE 10	VDE single-ended ring spanner Size 10mm	4018754254026
44190013	12161 VDE 13	VDE single-ended ring spanner Size 13mm	4018754254033
44190014	12161 VDE 14	VDE single-ended ring spanner Size 14mm	4018754254040

44190017	12161 VDE 17	VDE single-ended ring spanner Size 17mm	4018754254057
44190019	12161 VDE 19	VDE single-ended ring spanner Size 19mm	4018754254064
44190022	12161 VDE 22	VDE single-ended ring spanner Size 22mm	4018754254071

GTIN.

