



Double-ended ring spanners, imperial

230a



Product no. **41614850**
GTIN **4018754139491**
Model **230a 1 x 1.1/16**



Label. Double-ended ring spanner Spanner size 1 x 1 1/16 " L.368mm

Properties.

- **imperial, differing** end sizes
- flat cranked
- bi-hex with AS-Drive profile
- durable, slim and lightweight design
- high flexural strength due to double-T profile
- STAHLWILLE's rounded finish ensures a non-slip, pleasant feel
- HPQ® high performance steel, chrome-plated
- SAE AS 954 (dimensions and test values) / Fed. spec. GGG-W-636E / S.B.A.C. Techn. spec. T.S. 48 to 1/2"

Benefits.

High quality double-ended ring spanner, flat cranked, in imperial AF spanner sizes.

Technologies and features.



High Performance Quality (HPQ®)

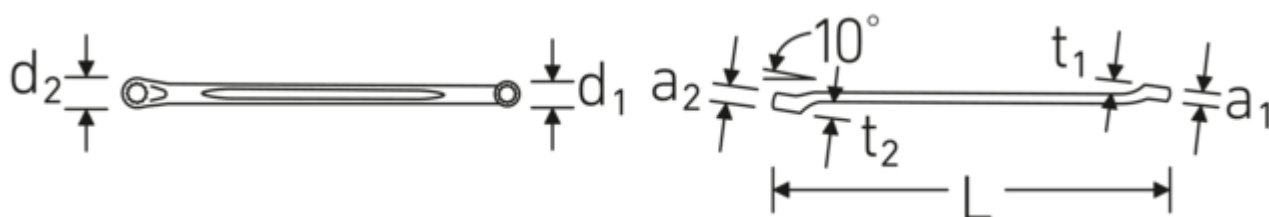
Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.

**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	15 mm
a2	16 mm
Drive profile	bi-hex AS-Drive
d1	36,5 mm
d2	38,6 mm
Length mm (L)	368 mm
Alloy	HPQ® high performance steel
Surface	chrome-plated
Ring position	10 °
Spanner width 1 [inch]	1 "
Spanner width s 2 [inch]	1 1/16 "
t1	23 mm
t2	24 mm

Logistics data.

Depth mm (IFS)	375
Width mm (IFS)	40
Height mm (IFS)	28
WEEE/ElektroG	nicht ear-pflichtig
Length (packed, mm)	470
Width (packed, mm)	140
Height (packed, mm)	30
Volume (packed, dm3)	1.974 dm3
Art. no.	41614850
Weight (gross, kg)	2,302
Weight PAP (kg)	0,000
Weight PVC (kg)	0,017
GTIN	4018754139491
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Customs tariff no.	82041100
Packing standard	5
Weight	460 g

Variants.

Art. no.	Model no. (ERP)	Description	GTIN
41611620	230a 1/4 x 5/16	Double-ended ring spanner Spanner size 1/4 x 5/16 " L.180mm	4018754023059
41612022	230a 5/16 x 11/32	Double-ended ring spanner Spanner size 5/16 x 11/32 " L.195mm	4018754158799
41612024	230a 5/16 x 3/8	Double-ended ring spanner Spanner size 5/16 x 3/8 " L.195mm	4018754023066
41612428	230a 3/8 x 7/16	Double-ended ring spanner Spanner size 3/8 x 7/16 " L.215mm	4018754023073
41612832	230a 7/16 x 1/2	Double-ended ring spanner Spanner size 7/16 x 1/2 " L.225mm	4018754023080
41613234	230a 1/2 x 9/16	Double-ended ring spanner Spanner size 1/2 x 9/16 " L.235mm	4018754023097
41613436	230a 9/16 x 5/8	Double-ended ring spanner Spanner size 9/16 x 5/8 " L.245mm	4018754023103
41613640	230a 5/8 x 3/4	Double-ended ring spanner Spanner size 5/8 x 3/4 " L.274mm	4018754023110
41613840	230a 11/16 x 3/4	Double-ended ring spanner Spanner size 11/16 x 3/4 " L.275mm	4018754023127
41614244	230a 13/16 x 7/8	Double-ended ring spanner Spanner size 13/16 x 7/8 " L.301mm	4018754139477
41614648	230a 15/16 x 1	Double-ended ring spanner Spanner size 15/16 x 1 " L.340mm	4018754139484
41614850	230a 1 x 1.1/16	Double-ended ring spanner Spanner size 1 x 1 1/16 " L.368mm	4018754139491
41615256	230a 1.1/8 x 1.1/4	Double-ended ring spanner Spanner size 1 1/8 x 1 1/4 " L.403mm	4018754139507

GTIN.



