

## Double-ended ring spanner, inch, extra long, Spline-Drive profile

### 220aSP



Product no.	<b>41160810</b>
GTIN	<b>4018754133505</b>
Model	<b>220aSP 8 x 10</b>



#### Label.

Double-ended ring spanner Spanner size 1/4 x 5/16 " L.205mm

#### Features.

- extra long
- with Spline-Drive profile
- 15° angled
- MS-33787, MIL-W-8982
- HPQ® high performance steel, chrome plated

## Advantages.

High quality double-ended ring spanner with an extra long design with imperial spanner sizes.

The Spline-Drive profile improves power transmission, reduces the risk of slipping and increases the level of precision.

## 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.



#### Double-T profile

Our combination and ring spanners have an additional recess in the middle of the tool. Similar to the principle of a double T-beam, this provides a tremendous load capacity and maximum strength whilst reducing weight.



### High Performance Quality (HPQ®)

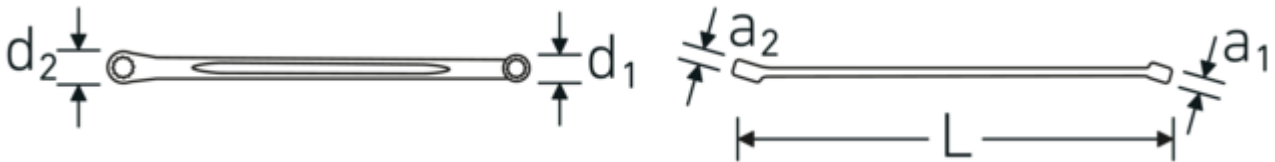
Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.



### 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	5,6 mm
a2	6 mm
Drive profile	Spline-Drive
d1	10,4 mm
d2	12,4 mm
Size of output profile	8 x 10
Length mm (L)	205 mm
Ring position	15 °
Spanner size 1 [inch]	1/4 "
Spanner size 2 [inch]	5/16 "

## Logistics data.

Depth mm (IFS)	203
Width mm (IFS)	11
Height mm (IFS)	7
Length (packed, mm)	215
Width (packed, mm)	30
Height (packed, mm)	30
Volume (packed, dm3)	0.1935 dm3
Product no.	41160810
Weight (gross, kg)	0,176
Weight PAP (kg)	0,000
Weight PVC (kg)	0,004
GTIN	4018754133505
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Packing standard	5
Weight	33 g

## Variants.

Product no.	Model no. (ERP)	Description	GTIN
41160709	220aSP 7 x 9	Double-ended ring spanner Spanner size 7/32 x 9/32 " L.185mm	4018754133499
41160810	220aSP 8 x 10	Double-ended ring spanner Spanner size 1/4 x 5/16 " L.205mm	4018754133505
41161214	220aSP 12 x 14	Double-ended ring spanner Spanner size 3/8 x 7/16 " L.250mm	4018754133512
41161618	220aSP 16 x 18	Double-ended ring spanner Spanner size 1/2 x 9/16 " L.290mm	4018754133529
41161820	220aSP 18 x 20	Double-ended ring spanner Spanner size 9/16 " L.315mm	4018754133536
41162224	220aSP 22 x 24	Double-ended ring spanner Spanner size 11/16 x 3/4 " L.365mm	4018754133543
41162630	220aSP 26 x 30	Double-ended ring spanner Spanner size 13/16 x 15/16 " L.410mm	4018754133550
41162832	220aSP 28 x 32	Double-ended ring spanner Spanner size 7/8 " L.430mm	4018754133567

## GTIN-Code.



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