STAHLWILLE®

Double-ended ring spanners, extra long, Spline-Drive profile

220aSP

Product no.	**41160810**
GTIN	**4018754133505**
Model	**220aSP 8 x 10 Spline**

Label. Double-ended ring spanner Size 1/4 x 5/16 L.205mm

Properties.

- **imperial, differing** end sizes
- with Spline-Drive profile
- cranked 15°
- extra long design for less effort with constant torque
- suitable for working in confined spaces
- 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
- MS-33787 / MIL-W-8982

Benefits.

High-quality double-ended ring spanner in extra-long version with imperial size.

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

Made from robust HPQ® high performance steel and additionally chrome-plated for high durability, reliable corrosion protection and enormous wear resistance.

A special manufacturing process enables thin-walled rings - slim for use in confined areas and at the same time robust enough for high loads.

The distinctive STAHLWILLE rounded finish gives the combination spanner a non-slip and comfortable feel for safe working, even with oily hands.

Product highlights.

For high torques.
Designed in an extra-long version, the double-ended ring spanner enables a significantly higher leverage effect: the desired torque is achieved with less force - while maintaining a constant load on the screw or nut. This is a big advantage when loosening tight screw connections, e.g. on wheel suspensions and brakes, agricultural and construction machinery, couplings/drive trains, as well as on valves, fittings, steel structures and in plant maintenance.

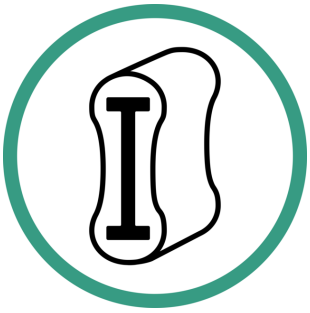
Protects the screw connection.
The Spline-Drive profile ensures a secure fit and protects the screw connection: the force is distributed across the flanks instead of the edges - for less turning, reliable power transmission and controlled working, even with tight or already stressed screws and nuts.

Optimum power transmission.
Each spanner guarantees consistently excellent quality thanks to minimal manufacturing tolerances and high reproducible precision. The jaw and ring always fit securely on the screw, ensuring optimum power transmission.

Non-slip surface.
STAHLWILLE spanners feature a high-quality, non-slip surface texture that enables safe working even with oily hands. The non-slip texture increases control during handling.

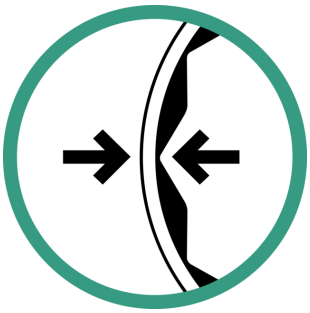
Solid, stable, durable.
Made from solid, extremely durable HPQ® high performance steel, the spanner offers high stability and resilience even in continuous use - no deformation, no warping, even when used vigorously. It is also chrome-plated for corrosion resistance.

Technologies and features.



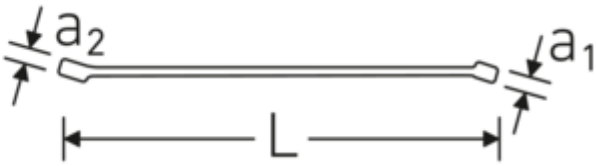
Double-T profile
Our ring, open-ended and combination spanners have an additional recess in the middle of the tool. Similar to the principle of a double-T beam, this provides a tremendous load capacity and maximum strength whilst reducing weight.

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-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.

Size 1 [inch]	1/4 "
Size 2 [inch]	5/16 "
Size drive profile	8 x 10
Length mm (L)	205 mm
a1	5,6 mm
a2	6 mm
Drive profile	Spline-Drive

Logistics data.

Product no.	41160810
GTIN	4018754133505
Weight (g)	33 g
Volume (packaged, dm3)	0.1935 dm3
Packing standard	5
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100

d1	10,4 mm
d2	12,4 mm
Alloy	HPQ® high performance steel
Surface	chrome-plated
Ring position	15 °

Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	203
Width mm (IFS)	11
Height mm (IFS)	7
Weight (gross, kg)	0,176
Weight PAP (kg)	0,000
Weight PVC (kg)	0,004
Length (packaged, mm)	215
Width (packaged, mm)	30
Height (packaging, mm)	30

GTIN.

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