STAHLWILLE®

Combination spanners OPEN BOX, metric, long

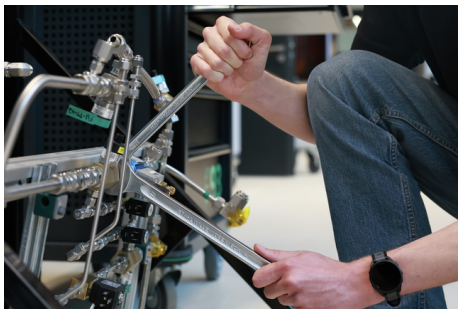
OPEN BOX 14

Product no.	**40102222**
GTIN	**4018754019304**
Model	**OPEN BOX 14 22**

Label. Combination spanner Size 22 L.300mm

Properties.

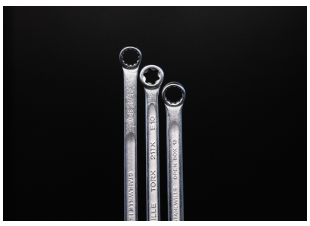
- **metric, identical** end sizes
- extra-long version for hard-to-reach bolted joints and greater force transmission
- jaw angled 15°
- ring with bi-hex and AS-Drive profile
- ring-end cranked 10°
- reinforcement between jaw and shaft
- durable, slim and lightweight design
- high flexural strength due to double-T profile
- STAHLWILLE's rounded finish ensures a non-slip, pleasant feel
- drop-forged, hardened, and cooled in an oil bath
- Chrome Alloy Steel, chrome-plated
- DIN 3113 Form B / ISO 7738 Form B



Product highlights.

Optimum power transmission.
Every spanner guarantees consistently excellent quality due to minimal manufacturing tolerances and highly reproducible precision. The jaws and ring always sit firmly on the screw, thus ensuring optimal power transmission.

Non-slip surface
STAHLWILLE spanners have a high-quality surface finish with good grip, making it possible to work safely and efficiently, even with greasy hands. The non-slip property improves control during handling.

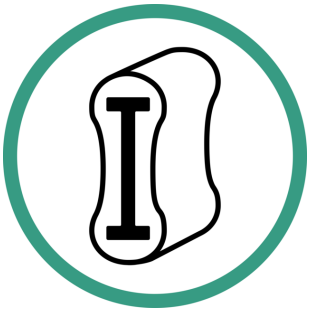


A solution for every situation.
Our combination spanners are available in different versions (metric, imperial, long, with Spline-Drive profile) and as sets in textile bags, roll-up tool pouches or TCS inlays.

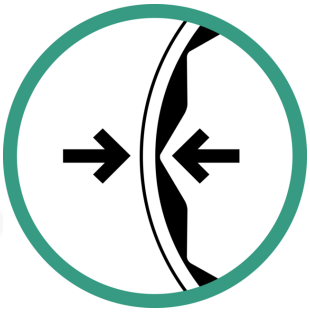
Excellent workmanship.
The spanner is made from high-quality forged Chrome Alloy Steel, making it extremely robust and durable, even during continuous use. It also has a corrosion-resistant chrome-plated finish.

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.



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.



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.

Offset Shaft Design
Our spanners are specially designed with additional reinforcement in the load zones where the greatest amount of force is transmitted - namely where the jaw meets the shank - in order to prevent deformation.

Technical drawing.

Technical attributes.

Size 1 [mm]	22 mm
Size 2 [mm]	22 mm
Jaw angle	15 °
Length mm (L)	300 mm
Width mm (b)	45 mm
a1	8,5 mm
a2	14 mm
d	31,3 mm
DIN	DIN 3113 Form B
Alloy	Chrome Alloy Steel, chrom plated
Surface	chrome-plated
t	20 mm
Ring position	10 °

Logistics data.

Product no.	40102222
GTIN	4018754019304
Weight (g)	268 g
Volume (packaged, dm3)	1.891 dm3
Packing standard	10
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	299
Width mm (IFS)	46
Height mm (IFS)	21
Weight (gross, kg)	2,901
Weight PAP (kg)	0,000
Weight PVC (kg)	0,016
Length (packaged, mm)	310
Width (packaged, mm)	100
Height (packaging, mm)	61

GTIN.

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