



Combination spanners OPEN BOX, metric, long

OPEN BOX 14



Product no. 40102222
GTIN 4018754019304
Model OPEN BOX 14 22



Label.

Combination spanner Size 22 mm 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.



PRODUCT IMAGE
IN PROGRESS

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.



PRODUCT IMAGE
IN PROGRESS

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.



PRODUCT IMAGE
IN PROGRESS

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.

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

Logistics data.

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

Variants.

Product no.	Model No. (ERP)	Description	GTIN
40100606	OPEN BOX 14 6	Combination spanner Size 6 mm L.125mm	4018754019144
40100707	OPEN BOX 14 7	Combination spanner Size 7 mm L.135mm	4018754019151
40100808	OPEN BOX 14 8	Combination spanner Size 8 mm L.145mm	4018754019168
40100909	OPEN BOX 14 9	Combination spanner Size 9 mm L.155mm	4018754019175
40101010	OPEN BOX 14 10	Combination spanner Size 10 mm L.165mm	4018754019182
40101111	OPEN BOX 14 11	Combination spanner Size 11 mm L.180mm	4018754019199
40101212	OPEN BOX 14 12	Combination spanner Size 12 mm L.180mm	4018754019205
40101313	OPEN BOX 14 13	Combination spanner Size 13 mm L.195mm	4018754019212
40101414	OPEN BOX 14 14	Combination spanner Size 14 mm L.210mm	4018754019229
40101515	OPEN BOX 14 15	Combination spanner Size 15 mm L.215mm	4018754019236
40101616	OPEN BOX 14 16	Combination spanner Size 16 mm L.230mm	4018754019243
40101717	OPEN BOX 14 17	Combination spanner Size 17 mm L.240mm	4018754019250
40101818	OPEN BOX 14 18	Combination spanner Size 18 mm L.255mm	4018754019267
40101919	OPEN BOX 14 19	Combination spanner Size 19 mm L.265mm	4018754019274
40102020	OPEN BOX 14 20	Combination spanner Size 20 mm L.280mm	4018754019281
40102121	OPEN BOX 14 21	Combination spanner Size 21 mm L.280mm	4018754019298
40102222	OPEN BOX 14 22	Combination spanner Size 22 mm L.300mm	4018754019304
40102424	OPEN BOX 14 24	Combination spanner Size 24 mm L.330mm	4018754019328
40102727	OPEN BOX 14 27	Combination spanner Size 27 mm L.385mm	4018754019359
40103030	OPEN BOX 14 30	Combination spanner Size 30 mm L.415mm	4018754019373
40103232	OPEN BOX 14 32	Combination spanner Size 32 mm L.430mm	4018754019380
40103434	OPEN BOX 14 34	Combination spanner Size 34 mm L.460mm	4018754019397
40103636	OPEN BOX 14 36	Combination spanner Size 36 mm L.480mm	4018754019403
40104141	OPEN BOX 14 41	Combination spanner Size 41 mm L.560mm	4018754019410

GTIN.



