



## Combination spanner set OPEN BOX, metric

### OPEN BOX 13



Product no.	96400802
GTIN	4018754080588
Model	OPEN BOX 13/11



#### Label.

Combination spanner set OPEN BOX 13/11 8-22 11 pcs.

#### Features.

- **metric** sizes
- jaw position 15°
- bi-hex ring
- ring side offset 15°
- AS-Drive® profile prevents damage to fasteners
- reinforced connection between jaw and shaft
- durable, slim and lightweight design
- high bending strength due to double T-profile
- STAHLWILLE rounded finish provides a non-slip, pleasant feel
- drop-forged, hardened and cooled in oil bath
- Chrome Alloy Steel, chrome plated
- DIN 3113 Form A/ISO 7738 Form A
- in robust roll-up tool pouch with Velcro fastener made of polyester
- mesh inserts allow the inserted tool to be seen
- secure protection of the tool with minimum space requirements
- embroidered STAHLWILLE logo

## Advantages.

High-quality metric combination spanner set.

The ring side that is offset by 15° makes it easy to work on flat surfaces.

The slim, thin-walled rings are ideal for working in areas that are difficult to access.

The distinctive STAHLWILLE rounded finish gives the combination spanner good grip and a pleasant feel for safe working, even with oily hands.

In a space-saving roll-up tool pouch for safe and well-organised storage.

## Product highlights.



### Angled and offset.

The 15° angled jaw opening is the guarantee of exact positioning on the screw for optimum force transmission. The offset side of the ring makes it easier to work on flat surfaces.



### 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.



### 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.



### Organised storage.

The set can be stored in the compartments of a practical roll-up tool pouch. This makes it convenient and compact enough to carry anywhere. Transparent mesh inserts provide a quick view of the contents of your tool set.



### 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 inserts.

## 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.



### 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.



### Anti-Slip-Drive

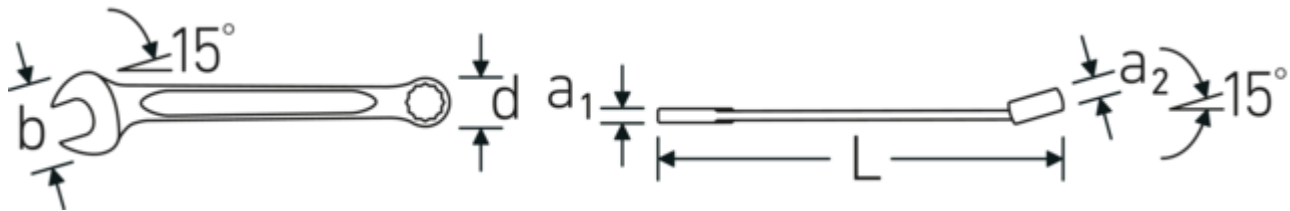
The special AS-Drive profile makes high force transmission to the flats of screws and bolts possible without damaging them. This also prevents stripping of the screw head.



### 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.

Number of tools	11 pcs.
Range	8-22
DIN	DIN 3113 Form A / ISO 7738 Form A
Jaw angle	15 °
Surface	chrome-plated
Model no.	13/11

## Logistics data.

Depth mm (IFS)	265
Width mm (IFS)	83
Height mm (IFS)	40
Length (packed, mm)	265
Width (packed, mm)	83
Height (packed, mm)	40
Volume (packed, dm <sup>3</sup> )	0.8798 dm <sup>3</sup>
Product no.	96400802
Weight (gross, kg)	1,100
Weight PAP (kg)	0,000
Weight PVC (kg)	0,004
GTIN	4018754080588
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Packing standard	1
Weight	915 g

## Parts list.



40082222  
Combination spanner  
OPEN BOX long



40081919  
Combination spanner  
OPEN BOX long



40081717  
Combination spanner  
OPEN BOX long



40081515  
Combination spanner  
OPEN BOX long



40081414  
Combination spanner  
OPEN BOX long



40081313  
Combination spanner  
OPEN BOX long



40081212  
Combination spanner  
OPEN BOX long



40081111  
Combination spanner  
OPEN BOX long



40081010  
Combination spanner  
OPEN BOX long



40080909  
Combination spanner  
OPEN BOX long



40080808  
Combination spanner  
OPEN BOX long



91101044  
Roll bag

## Variants.

Product no.	Model no. (ERP)	Description	GTIN
96400813	OPEN BOX 13/6	Combination spanner set OPEN BOX 13/6 7-19 6 pcs.	4018754122875
96400807	OPEN BOX 13/8	Combination spanner set OPEN BOX 13/8 8-22 8 pcs.	4018754323258
96400801	OPEN BOX 13/9	Combination spanner set OPEN BOX 13/9 9-22 9 pcs.	4018754080571
96400302	OPEN BOX 13/9 EXTRA	Combination spanner set OPEN BOX 13/9 EXTRA 8-19 9 pcs.	4018754291182
96400802	OPEN BOX 13/11	Combination spanner set OPEN BOX 13/11 8-22 11 pcs.	4018754080588
96400803	OPEN BOX 13/15	Combination spanner set OPEN BOX 13/15 6-32 15 pcs.	4018754080595

91130852	OPEN BOX 13/16 CH	Combination spanner set OPEN BOX 13/16 CH 6-27 16 pcs.	4018754058037
96400804	OPEN BOX 13/17	Combination spanner set OPEN BOX 13/17 6-22 17 pcs.	4018754080601
96400810	13/19 CH	Combination spanner set 13/19 CH 8-32 19 pcs.	4018754348183

## GTIN-Code.



## Images.



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