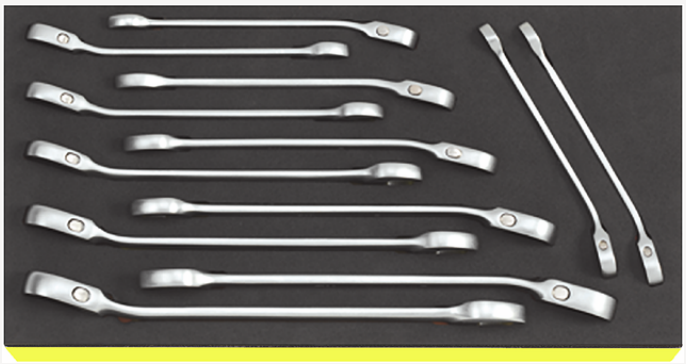
STAHLWILLE®



Combination ratchet spanner set OPEN RATCH, 12-pieces, offset, metric, in TCS inlay

TCS OPEN RATCH 17/12

Product no.	**96830649**
GTIN	**4018754240593**
Model	**OPEN RATCH TCS 17/12**

Label. Combination ratchet spanner set OPEN RATCH TCS 17/12 8-19 12 pcs.

Properties.

- **metric, identical** end sizes
- jaw angled 15°
- ring with bi-hex
- ring-end cranked 15°
- integrated ratchet with 72 teeth, with a working angle of 5°
- controlled right/left tightening using the switch on the ring
- reinforced connection 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
- safely integrated in the modular Tool Control System (TCS)

Contains 12-pieces:
12 combination ratchet spanners **No. 17:** 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm

Benefits.

High-quality combination ratcheting spanner set in metric sizes.

The open end is angled 15° for better accessibility when tightening or loosening bolts.

In a TCS inlay - a clear and secure storage solution for tool trolleys and workbenches.

The integrated ratchet with 72 teeth makes it possible to ratchet at an angle of just 5°.

The distinctive STAHLWILLE rounded finish ensures the combination ratcheting spanner is comfortable to hold and is easy to grip, ensuring safe working, even with oily hands.

Product highlights.

Field-tested configuration.
Our ratcheting combination spanner set contains the most common spanner sizes from 8 to 19 mm and therefore covers a wide range of possible applications. The jaw opening is inclined by 15°, which means that it lies precisely against the screws and therefore guarantees optimum power transmission. The integrated fine-tooth ratchet enables screws to be tightened quickly and efficiently without having to remove the spanner.

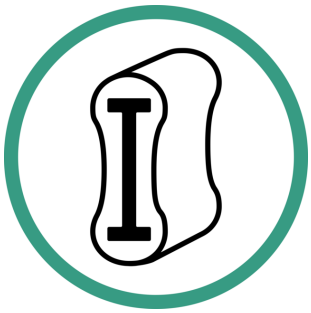
Excellent workmanship.
Our spanners are made from high-quality forged chrome alloy steel, giving them outstanding robustness and durability, even in continuous and prolonged use. The also have a corrosion-resistant chrome-plated finish.

Non-slip surface.
The STAHLWILLE spanners have a high-quality surface structure with a good grip, which even allows you to work safely and securely with oily hands. The non-slip property increases handling control.

PRODUCT IMAGE IN PROGRESS

Order and check.
The set is securely organised in a STAHLWILLE TCS foam inlays. These durable inlays are chemical-resistant and have precise recesses for each tool. The eye-catching yellow underside of the TCS inlays serves as a signal surface to enable quick checking of the set's completeness.

Technologies and features.

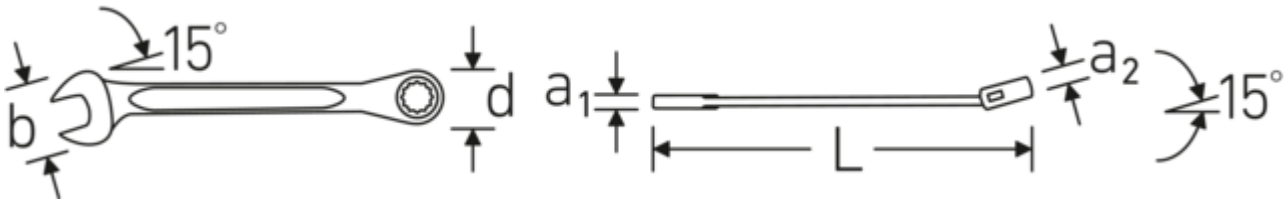


Double-T profile
Our ring, open-ended and combination spanners have an additional recess in the middle of the tool. Similar to the principle of a double-T beam, this provides a tremendous load capacity and maximum strength whilst reducing weight.

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.

Tool Control System
The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

Technical drawing.



Technical attributes.

Contents	8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
Length mm (L)	350 mm
Width mm (b)	175 mm
Height mm (h)	80 mm
Number of teeth	72
Working angle	5 °
Drawer dividers	1/3
Range	8-19
Alloy	Chrome Alloy Steel, chrom plated
Surface	chrome-plated
Number of tools	12 pcs.

Logistics data.

Product no.	96830649
GTIN	4018754240593
Weight (g)	1460 g
Volume (packaged, dm3)	4.76 dm3
Packing standard	1
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Country of origin AWR	TAIWAN
Region of origin	Ausländischer Ursprung
Depth mm (IFS)	365
Width mm (IFS)	185
Height mm (IFS)	80
Weight (gross, kg)	1,630
Weight PAP (kg)	0,138
Weight PVC (kg)	0,000
Length (packaged, mm)	340
Width (packaged, mm)	175
Height (packaging, mm)	80

Parts list.

41170808
Combination ratchet spanner

41170909
Combination ratchet spanner

41171010
Combination ratchet spanner

41171111
Combination ratchet spanner

41171212
Combination ratchet spanner

41171313
Combination ratchet spanner

41171414
Combination ratchet spanner

41171515
Combination ratchet spanner

41171616
Combination ratchet spanner

41171717
Combination ratchet spanner

41171818
Combination ratchet spanner

41171919
Combination ratchet spanner

GTIN.

4 018754 240593

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