



## Double-ended open-ring spanner set OPEN RING, metric

### TCS OPEN RING 24/7 8x10-19x22

Product no. **96838758**  
GTIN **4018754163649**  
Model **OPEN RING TCS 24/7**



**Label.** Double-ended open-ring spanner set TCS OPEN RING 24/7 8x10-19x22 7 pcs.

#### Properties.

- **metric, differing** end sizes
- cranked 10°
- with hex
- DIN 3118/ISO 3318
- 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 7-pieces:

7 double-ended open-ring spanners, angled **No. 24**: 8 x 10; 10 x 11; 11 x 13; 12 x 14; 14 x 17; 17 x 19; 19 x 22 mm

## Benefits.

High-quality open double-ended ring spanner with hex for working on threaded rods or long screws, for example.

High bending stiffness ensures added safety even in the event of overload.

In the Tool Control System (TCS) modular tool insert system - an intelligent storage solution for tool trolleys and workshop trolleys.

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.



PRODUCT IMAGE  
IN PROGRESS

### **Quick access in confined installation situations.**

The open ring allows particularly quick, lateral access to the screw connection without having to attach it from above. This offers clear advantages in confined spaces and in applications where cables, threaded rods or surrounding components restrict access. This means that screw connections can be efficiently reached and worked on even in difficult installation situations.



PRODUCT IMAGE  
IN PROGRESS

### **Greater efficiency and better access.**

Our double-ended open-ring spanner is angled by 10°, allowing better access to screw connections in confined spaces - for example, next to housings, pipes or frames. Thanks to the unequal spanner sizes, it also covers two common sizes. This significantly reduces the need to change tools, keeps the workflow smooth and is a real advantage, especially for recurring assembly and service work.



PRODUCT IMAGE  
IN PROGRESS

### **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.



PRODUCT IMAGE  
IN PROGRESS

### **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.



PRODUCT IMAGE  
IN PROGRESS

### **High-quality workmanship.**

The key is forged from high-quality Chrome Alloy Steel, which gives it high stability and resistance even in continuous use. It is also chrome-plated for corrosion resistance.

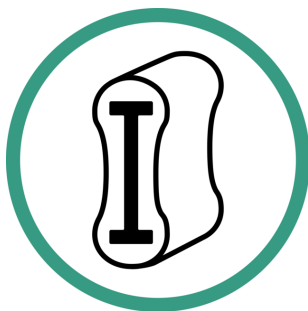


PRODUCT IMAGE  
IN PROGRESS

### Order and control.

The set is organised in a STAHLWILLE TCS inlay. These durable inlays are chemical-resistant and feature precise recesses for each tool. The striking yellow underside of the TCS inlays serves as a signal surface, allowing you to quickly check that the set is complete.

## Technologies and features.



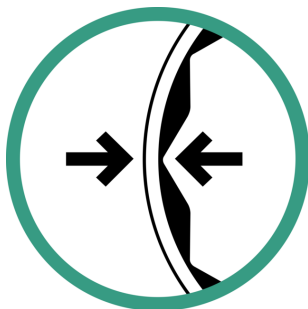
### Double-T profile

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.



### Tool Control System

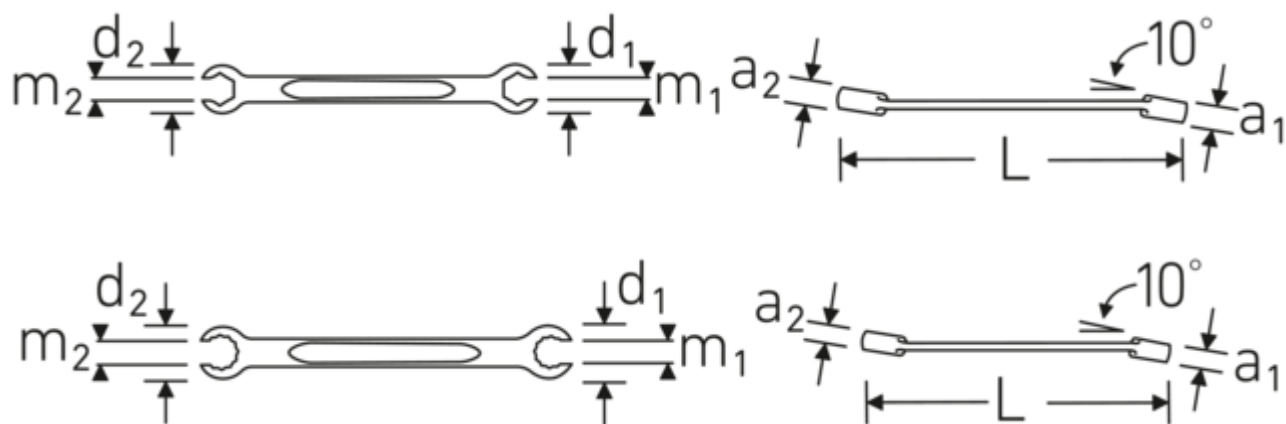
The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.



### 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.

Contents	8 x 10; 10 x 11; 11 x 13; 12 x 14; 14 x 17; 17 x 19; 19 x 22 mm
Length mm (L)	350 mm
Width mm (b)	175 mm
Height mm (h)	35 mm
Drawer dividers	1/3
Range	8x10-19x22
DIN	DIN 3118 / ISO 3318
Alloy	Chrome Alloy Steel
Surface	chrome-plated
Number of tools	7 pcs.

## Logistics data.

Product no.	96838758
GTIN	4018754163649
Weight (g)	780 g
Volume (packaged, dm3)	5.402 dm3
Packing standard	1
WEEE/ElektroG	nicht ear-pflichtig
Customs tariff no.	82041100
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	365
Width mm (IFS)	185
Height mm (IFS)	80
Weight (gross, kg)	1,124
Weight PAP (kg)	0,138
Weight PVC (kg)	0,000
Length (packaged, mm)	365
Width (packaged, mm)	185
Height (packaging, mm)	80

## Parts list.



41080810  
Double-ended open-  
ring spanner, angled



41081011  
Double-ended open-  
ring spanner, angled



41081113  
Double-ended open-  
ring spanner, angled



41081214  
Double-ended open-  
ring spanner, angled



41081417  
Double-ended open-  
ring spanner, angled



41081719  
Double-ended open-  
ring spanner, angled



41081922  
Double-ended open-  
ring spanner, angled

## GTIN.



4 018754 163649

**STAHLWILLE Eduard Wille GmbH**

Lindenallee 27 · 42349 Wuppertal · Germany · Phone: +49 202 4791-0

info@stahlwille.de · www.stahlwille.com

© STAHLWILLE Eduard Wille GmbH, Wuppertal