



## Double-ended ring spanners, metric

### StahlwilleSTABIL®21



Product no. **41050607**  
GTIN **4018754021222**  
Model **21 6 x 7**



#### Label.

Double-ended ring spanner Size 6 x 7 L.100mm

#### Properties.

- **metric, differing** end sizes
- straight version
- bi-hex with AS-Drive profile
- 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 837 / ISO 10103

## Benefits.

High-quality double-ended ring spanner in straight version for high torque without lateral tension; with metric size.

The bi-hex AS-Drive profile protects screws and nuts because the force is applied specifically to the flanks – not the edges.

Made of robust Chrome Alloy Steel and additionally chrome-plated for high durability, reliable corrosion protection and enormous wear resistance.

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

### **Maximum force in a straight line.**

Our straight double-ended ring spanners are used where screws and nuts are easily accessible and torque is important – for example, on flanges, brackets, frame constructions or machine units. The straight shape allows for clean, controlled application and direct power transmission – particularly practical for assembly and maintenance work when screw connections need to be loosened or tightened quickly and securely.



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.

## 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.



### Anti-Slip-Drive

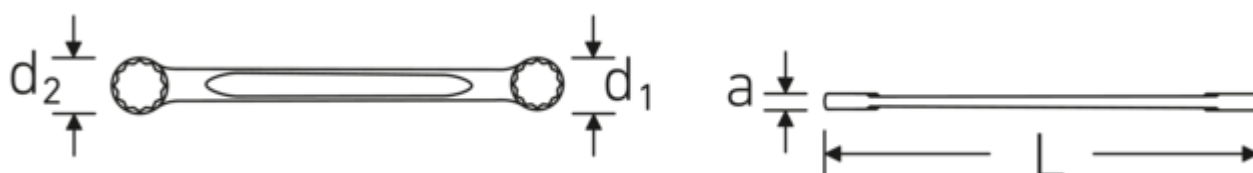
The special AS-Drive profile makes high force transmission to the flats of bolts and nuts possible without damaging them. This also prevents stripping of the screw head.



### 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.

|               |                     |
|---------------|---------------------|
| Size 1 [mm]   | 6 mm                |
| Size 2 [mm]   | 7 mm                |
| Length mm (L) | 100 mm              |
| a             | 4,5 mm              |
| Drive profile | bi-hex AS-Drive     |
| d1            | 9,6 mm              |
| d2            | 11 mm               |
| DIN           | DIN 837 / ISO 10103 |
| Alloy         | Chrome Alloy Steel  |
| Surface       | chrome-plated       |

## Logistics data.

|                        |                     |
|------------------------|---------------------|
| Product no.            | 41050607            |
| GTIN                   | 4018754021222       |
| Weight (g)             | 14 g                |
| Volume (packaged, dm3) | 0.0663 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)         | 102                 |
| Width mm (IFS)         | 12                  |
| Height mm (IFS)        | 5                   |
| Weight (gross, kg)     | 0,140               |
| Weight PAP (kg)        | 0,000               |
| Weight PVC (kg)        | 0,003               |
| Length (packaged, mm)  | 102                 |
| Width (packaged, mm)   | 50                  |
| Height (packaging, mm) | 13                  |

GTIN.



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