



## Double-ended open-ring spanners, angled, OPEN RING, metric, bi-hex

### OPEN RING 24



|             |                      |
|-------------|----------------------|
| Product no. | 41081922             |
| GTIN        | 4018754021970        |
| Model       | OPEN RING 24 19 x 22 |



**Label.** Double-ended open-ring spanner, angled Size 19 x 22 mm L.230mm

- Properties.**
- **metric, differing** end sizes
  - cranked 10°
  - 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 3118 / ISO 3318

## Benefits.

Premium quality double-ended open ring spanners for working on threaded studs or long bolts, for example.

## Technologies and features.



### Anti-Slip-Drive

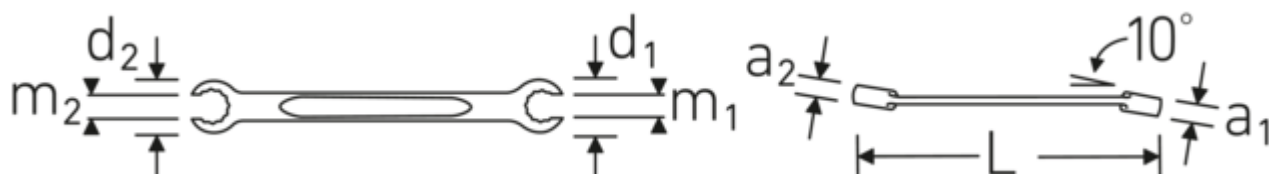
The special AS-Drive profile makes high force transmission to the flats of bolts and nuts possible without damaging them. This also prevents stripping of the screw head.



### 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.

|               |                     |
|---------------|---------------------|
| a1            | 13 mm               |
| a2            | 15 mm               |
| Drive profile | bi-hex AS-Drive     |
| d1            | 33 mm               |
| d2            | 37 mm               |
| DIN           | DIN 3118 / ISO 3318 |
| Length mm (L) | 230 mm              |
| Alloy         | Chrome Alloy Steel  |
| m1            | 15,8 mm             |
| m2            | 17 mm               |
| Surface       | chrome-plated       |
| Size 1 [mm]   | 19 mm               |
| Ring position | 10 °                |
| Size 2 [mm]   | 22 mm               |

### Logistics data.

|                        |                     |
|------------------------|---------------------|
| Depth mm (IFS)         | 230                 |
| Width mm (IFS)         | 39                  |
| Height mm (IFS)        | 19                  |
| WEEE/ElektroG          | nicht ear-pflichtig |
| Length (packaged, mm)  | 255                 |
| Width (packaged, mm)   | 75                  |
| Height (packaging, mm) | 53                  |
| Volume (packaged, dm3) | 1.013625 dm3        |
| Product no.            | 41081922            |
| Weight (gross, kg)     | 0,990               |
| Weight PAP (kg)        | 0,000               |
| Weight PVC (kg)        | 0,012               |
| GTIN                   | 4018754021970       |
| Country of origin AWR  | GERMANY             |
| Region of origin       | Nordrhein-Westfalen |
| Customs tariff no.     | 82041100            |
| Packing standard       | 5                   |
| Weight (g)             | 192 g               |

## Variants.

| Product no. | Model No. (ERP)      | Description                                                    | GTIN          |
|-------------|----------------------|----------------------------------------------------------------|---------------|
| 41081417    | OPEN RING 24 14 x 17 | Double-ended open-ring spanner, angled Size 14 x 17 mm L.200mm | 4018754021949 |
| 41081619    | OPEN RING 24 16 x 19 | Double-ended open-ring spanner, angled Size 16 x 19 mm L.220mm | 4018754086313 |
| 41081719    | OPEN RING 24 17 x 19 | Double-ended open-ring spanner, angled Size 17 x 19 mm L.220mm | 4018754021956 |
| 41081922    | OPEN RING 24 19 x 22 | Double-ended open-ring spanner, angled Size 19 x 22 mm L.230mm | 4018754021970 |
| 41082224    | OPEN RING 24 22 x 24 | Double-ended open-ring spanner, angled Size 22 x 24 mm L.245mm | 4018754021994 |
| 41082427    | OPEN RING 24 24 x 27 | Double-ended open-ring spanner, angled Size 24 x 27 mm L.270mm | 4018754022007 |
| 41082736    | OPEN RING 24 27 x 36 | Double-ended open-ring spanner, angled Size 27 x 36 mm L.300mm | 4018754022014 |
| 41083032    | OPEN RING 24 30 x 32 | Double-ended open-ring spanner, angled Size 30 x 32 mm L.300mm | 4018754022021 |

## GTIN.



**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