



## Double-ended ring spanners, imperial

### 230a



Product no. **41614648**  
GTIN **4018754139484**  
Model **230a 15/16 x 1**



**Label.** Double-ended ring spanner Spanner size 15/16 x 1 " L.340mm

**Properties.**

- **imperial, differing** end sizes
- flat cranked
- 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
- HPQ® high performance steel, chrome-plated
- SAE AS 954 (dimensions and test values) / Fed. spec. GGG-W-636E / S.B.A.C. Techn. spec. T.S. 48 to 1/2"

## Benefits.

High quality double-ended ring spanner, flat cranked, in imperial AF spanner sizes.

## Technologies and features.



### High Performance Quality (HPQ®)

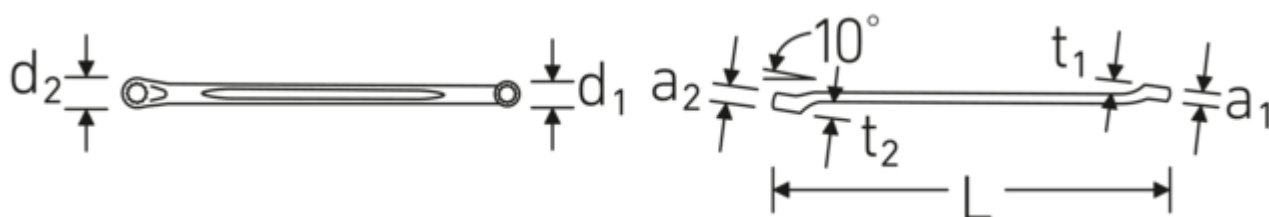
Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.

**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.**

|                          |                             |
|--------------------------|-----------------------------|
| a1                       | 14,5 mm                     |
| a2                       | 15 mm                       |
| Drive profile            | bi-hex AS-Drive             |
| d1                       | 34,1 mm                     |
| d2                       | 36,5 mm                     |
| Length mm (L)            | 340 mm                      |
| Alloy                    | HPQ® high performance steel |
| Surface                  | chrome-plated               |
| Ring position            | 10 °                        |
| Spanner width 1 [inch]   | 15/16 "                     |
| Spanner width s 2 [inch] | 1 "                         |
| t1                       | 22 mm                       |
| t2                       | 23 mm                       |

**Logistics data.**

|                       |                     |
|-----------------------|---------------------|
| Depth mm (IFS)        | 350                 |
| Width mm (IFS)        | 35                  |
| Height mm (IFS)       | 23                  |
| WEEE/ElektroG         | nicht ear-pflichtig |
| Length (packed, mm)   | 360                 |
| Width (packed, mm)    | 150                 |
| Height (packed, mm)   | 50                  |
| Volume (packed, dm3)  | 2.7 dm3             |
| Art. no.              | 41614648            |
| Weight (gross, kg)    | 1,940               |
| Weight PAP (kg)       | 0,000               |
| Weight PVC (kg)       | 0,017               |
| GTIN                  | 4018754139484       |
| Country of origin AWR | GERMANY             |
| Region of origin      | Nordrhein-Westfalen |
| Customs tariff no.    | 82041100            |
| Packing standard      | 5                   |
| Weight                | 375 g               |

## Variants.

| Art. no. | Model no. (ERP)    | Description                                                    | GTIN          |
|----------|--------------------|----------------------------------------------------------------|---------------|
| 41611620 | 230a 1/4 x 5/16    | Double-ended ring spanner Spanner size 1/4 x 5/16 " L.180mm    | 4018754023059 |
| 41612022 | 230a 5/16 x 11/32  | Double-ended ring spanner Spanner size 5/16 x 11/32 " L.195mm  | 4018754158799 |
| 41612024 | 230a 5/16 x 3/8    | Double-ended ring spanner Spanner size 5/16 x 3/8 " L.195mm    | 4018754023066 |
| 41612428 | 230a 3/8 x 7/16    | Double-ended ring spanner Spanner size 3/8 x 7/16 " L.215mm    | 4018754023073 |
| 41612832 | 230a 7/16 x 1/2    | Double-ended ring spanner Spanner size 7/16 x 1/2 " L.225mm    | 4018754023080 |
| 41613234 | 230a 1/2 x 9/16    | Double-ended ring spanner Spanner size 1/2 x 9/16 " L.235mm    | 4018754023097 |
| 41613436 | 230a 9/16 x 5/8    | Double-ended ring spanner Spanner size 9/16 x 5/8 " L.245mm    | 4018754023103 |
| 41613640 | 230a 5/8 x 3/4     | Double-ended ring spanner Spanner size 5/8 x 3/4 " L.274mm     | 4018754023110 |
| 41613840 | 230a 11/16 x 3/4   | Double-ended ring spanner Spanner size 11/16 x 3/4 " L.275mm   | 4018754023127 |
| 41614244 | 230a 13/16 x 7/8   | Double-ended ring spanner Spanner size 13/16 x 7/8 " L.301mm   | 4018754139477 |
| 41614648 | 230a 15/16 x 1     | Double-ended ring spanner Spanner size 15/16 x 1 " L.340mm     | 4018754139484 |
| 41614850 | 230a 1 x 1.1/16    | Double-ended ring spanner Spanner size 1 x 1 1/16 " L.368mm    | 4018754139491 |
| 41615256 | 230a 1.1/8 x 1.1/4 | Double-ended ring spanner Spanner size 1 1/8 x 1 1/4 " L.403mm | 4018754139507 |

## GTIN.





**STAHLWILLE Eduard Wille GmbH & Co. KG**

Lindenallee 27 · 42349 Wuppertal · Germany · Phone: +49 202 4791-0 · Fax: +49 202 4791-200  
info@stahlwille.de · [www.stahlwille.com](http://www.stahlwille.com) · Copyright by STAHLWILLE Eduard Wille GmbH & Co. KG, Wuppertal  
Copyright by STAHLWILLE Eduard Wille GmbH & Co. KG, Wuppertal