

## Double ended ring spanner, inch

230a



Art.No. 41613234  
GTIN 4018754023097  
Model 230 A 1/2 X 9/16



### Label.

Double ended ring spanner Spanner size 1/2 x 9/16 " L.235mm

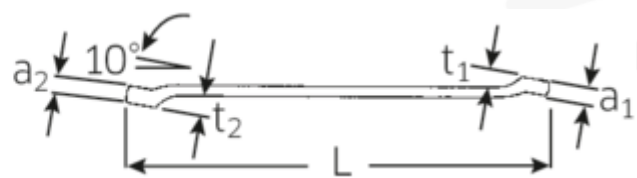
### Features.

- shallow offset
- SAE AS 954 (dimensions and test loads)
- Fed. Spec. GGG-W-636E
- S.B.A.C. Techn. Spec. T.S. 48 up to 1/2"
- HPQ® high performance steel, chrome plated

## Advantages.

Shallow-crank

## Technical Drawing.



## Technical Attributes.

|               |                         |
|---------------|-------------------------|
| a1            | 9,1 mm                  |
| a2            | 9,5 mm                  |
| Drive profile | Double hexagon AS-drive |

## Logistics data.

|                     |     |
|---------------------|-----|
| Depth mm (IFS)      | 240 |
| Width mm (IFS)      | 21  |
| Height mm (IFS)     | 15  |
| Length (packed, mm) | 245 |

|                                 |         |                             |                     |
|---------------------------------|---------|-----------------------------|---------------------|
| <b>d1</b>                       | 19,5 mm | <b>Width (packed, mm)</b>   | 50                  |
| <b>d2</b>                       | 20,7 mm | <b>Height (packed, mm)</b>  | 42                  |
| <b>Length mm (L)</b>            | 235 mm  | <b>Volume (packed, dm3)</b> | 0.5145 dm3          |
| <b>Spanner width 1 [inch]</b>   | 1/2 "   | <b>Art. no.</b>             | 41613234            |
| <b>Spanner width s 2 [inch]</b> | 9/16 "  | <b>Weight (gross, kg)</b>   | 1,130               |
| <b>t1</b>                       | 12,2 mm | <b>Weight PAP (kg)</b>      | 0,000               |
| <b>t2</b>                       | 12,9 mm | <b>Weight PVC (kg)</b>      | 0,010               |
|                                 |         | <b>GTIN</b>                 | 4018754023097       |
|                                 |         | <b>Country of origin</b>    | GERMANY             |
|                                 |         | <b>Region of origin</b>     | Nordrhein-Westfalen |
|                                 |         | <b>WEEE/ElektroG</b>        | nicht ear-pflichtig |
|                                 |         | <b>Customs tariff no.</b>   | 82041100            |
|                                 |         | <b>Packing standard</b>     | 10                  |
|                                 |         | <b>Weight</b>               | 110 g               |

## Variants.

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

## GTIN-Code.



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