



Image may differ from product. See technical specification for details.



# HMV 100E

## Hydraulic nut for mounting or dismounting of bearings

Facilitates easy and quick application of the high drive-up forces required for mounting bearings on tapered seatings. The hydraulic nut can also be used for dismounting bearings mounted on either adapter or withdrawal sleeves.

- Quick connection coupling can be fitted on the face or side of the nut
- A spare set of piston seals and maintenance kit is included
- Supplied with a quick connection coupling to fit the SKF hydraulic pumps
- Equipped with eyebolts, two tommy bars and four mating holes on their front face

Overview

Properties

|                |               |
|----------------|---------------|
| Type           | Metric thread |
| Product weight | 70 kg         |

Logistics

|                    |             |
|--------------------|-------------|
| eClass code        | 23-05-19-01 |
| Product net weight | 73 kg       |
| UNSPSC code        | 73152101    |

Dimensions

|                             |                                  |
|-----------------------------|----------------------------------|
| Connecting thread           | Tr 500x5                         |
| Thread form                 | ISO 2901-1977 tolerance class 7H |
| Maximum piston displacement | 19 mm                            |
| Outer diameter              | 636 mm                           |
| Piston area                 | 51 500 mm <sup>2</sup>           |
| Piston inner diameter       | 502 mm                           |
| Piston outer diameter       | 609 mm                           |
| Piston width                | 12 mm                            |
| Width                       | 67 mm                            |

Performance

|                  |         |
|------------------|---------|
| Maximum pressure | 400 bar |
| Maximum pressure | 40 MPa  |

Compatible products

Spare part

|                                                                     |                                |
|---------------------------------------------------------------------|--------------------------------|
| Quick connecting nipple                                             | <a href="#">729832 A</a>       |
| Spare o-ring set, size 100 for Hydraulic nut (all versions)         | <a href="#">HMV 100/233983</a> |
| M5x17 nylon screw for Hydraulic nuts for size 70 and larger, 10 pcs | <a href="#">HMVE M5X17</a>     |

Spare maintenance set for Hydraulic nuts, size 70 to 200

[HMVM 70/200](#)

### Accessory

|                                                      |                                                                                  |
|------------------------------------------------------|----------------------------------------------------------------------------------|
| Feeler gauge with 13 short blades                    | <a href="#">729865 A</a>                                                         |
| Feeler gauge with 29 long blades                     | <a href="#">729865 B</a>                                                         |
| Horizontal dial gauge, 0-0.5 inch for Hydraulic nuts | <a href="#">TMCD 1/2R</a><br><i><u>For mounting with SKF drive-up method</u></i> |
| Horizontal dial gauge, 0-10 mm for Hydraulic nuts    | <a href="#">TMCD 10R</a><br><i><u>For mounting with SKF drive-up method</u></i>  |
| Vertical dial gauge, 0-5 mm for Hydraulic nuts       | <a href="#">TMCD 5P</a><br><i><u>For mounting with SKF drive-up method</u></i>   |

### Recommended product

|                                                                           |                                                                                                  |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Hydraulic Pump for the SKF Drive-up Method for larger size Hydraulic nuts | <a href="#">TMJL 50DU</a><br><i><u>For mounting with SKF drive-up method and dismantling</u></i> |
| Hydraulic pump 500 bar (50 MPa) with large oil container                  | <a href="#">TMJL 50</a><br><i><u>For dismantling</u></i>                                         |
| Hydraulic pump 1500 bar (150 MPa) with large oil container                | <a href="#">728619 E</a><br><i><u>For dismantling</u></i>                                        |



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