



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



HMF 45E

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 | 14.5 kg |

Logistics

| | |
|--------------------|-------------|
| eClass code | 23-05-19-01 |
| Product net weight | 16.4 kg |
| UNSPSC code | 73152101 |

Dimensions

| | |
|-----------------------------|----------------------------------|
| Connecting thread | Tr 225x4 |
| Thread form | ISO 2901-1977 tolerance class 7H |
| Maximum piston displacement | 9 mm |
| Outer diameter | 312 mm |
| Piston area | 15 200 mm ² |
| Piston inner diameter | 227 mm |
| Piston outer diameter | 300 mm |
| Piston width | 8 mm |
| Width | 45 mm |

Performance

| | |
|------------------|---------|
| Maximum pressure | 800 bar |
| Maximum pressure | 80 MPa |

Compatible products

Spare part

| | |
|--|-------------------------------|
| Quick connecting nipple | 729832 A |
| Spare o-ring set, size 45 for Hydraulic nut (all versions) | HMV 45/233983 |
| Spare M5x10 nylon screws for Hydraulic nuts for sizes 10-69, 10pcs | HMVE M5X10 |

Spare maintenance set for Hydraulic nuts, size 30 to 69

[HMVM 30/69](#)

Accessory

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

Recommended product

| | |
|--|---|
| Hydraulic Pump | 729124 DU <i><u>For mounting with SKF drive-up method and dismantling</u></i> |
| Hydraulic Pump for the SKF Drive-up Method for small to medium size Hydraulic nuts | TMJL 100DU <i><u>For mounting with SKF drive-up method and dismantling</u></i> |
| Hydraulic pump | 729124 <i><u>For dismantling</u></i> |
| Hydraulic pump 1000 bar (100 MPa) with large oil container | TMJL 100 <i><u>For dismantling</u></i> |
| Hydraulic pump 1500 bar (150 MPa) with large oil container | 728619 E <i><u>For dismantling</u></i> |



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