




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





# HMV 42E

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 | 12.5 kg |

## Logistics

| | |
|---|---|
| eClass code | 23-05-19-01 |
| Product net weight | 14.3 kg |
| UNSPSC code | 73152101 |

## Dimensions

| | |
|---|---|
| Connecting thread | Tr 210x4 |
| Thread form | ISO 2901-1977 tolerance class 7H |
| Maximum piston displacement | 9 mm |
| Outer diameter | 294 mm |
| Piston area | 13 400 $mm^2$ |
| Piston inner diameter | 212 mm |
| Piston outer diameter | 282 mm |
| Piston width | 8 mm |
| Width | 44 mm |

## Performance

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

# Compatible products

## Spare part

| | |
|---|---|
| Quick connecting nipple | 729832 A |
| O-ring set for Hydraulic nut, metric, size 42 | HMV 42/233983 |
| M5x10 nylon screw for HMV E nuts for sizes 10-69, 10pcs | HMVE M5X10 |
| Maintenance set for HMV E size 30 to 69 | HMVM 30/69 |

## Accessory

| | |
|---|---|
| SKF Feeler Gauges 729865 A | 729865 A |
| SKF Feeler Gauges 729865 B | 729865 B |
| Horizontal dial gauge for HMV E series nuts, 0-0.5 inch | TMCD 1/2R<br>*For mounting with SKF drive-up method* |
| Horizontal dial gauge for HMV E series nuts, 0-10 mm | TMCD 10R<br>*For mounting with SKF drive-up method* |
| Vertical dial gauge for HMV E series nuts, 0-5 mm | TMCD 5P<br>*For mounting with SKF drive-up method* |

## Recommended product

| | |
|---|---|
| Hydraulic Pump for the SKF Drive-up Method, 729124 DU | 729124 DU<br>*For mounting with SKF drive-up method and dismounting* |
| Hydraulic Pump for the SKF Drive-up Method, TMJL 100DU | TMJL 100DU<br>*For mounting with SKF drive-up method and dismounting* |
| Hydraulic pump 1000 bar, 729124 | 729124<br>*For dismounting* |
| Hydraulic pump 1000 bar with large oil container, TMJL 100 | TMJL 100<br>*For dismounting* |
| Hydraulic pump 1500 bar with large oil container, 728619 E | 728619 E<br>*For dismounting* |

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