# Tapered Shaft Hubs • with lock nut

# 25050.0106



## **Product Description**

It is a self-centering and non-floating tapered shaft hub in corrosion-protected design with a hexagon nut and a lock nut.

The rotational accuracy of the tapered shaft hubs is 0,03 mm.

By using tapered shaft hubs, all shaft-hub joints of machine elements such as sprocket wheels, gear wheels, belt pulleys, cams, levers etc. can be easily and efficiently established.

#### **Material**

### **External part**

• Steel, zinc-plated by galvanization

#### Inner part

· Steel, nickel-plated

#### Nut

· Steel, nickel-plated

### **Assembly**

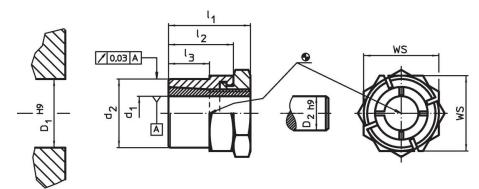
The lock nut at the outer part facilitates locking of the shaft-hub joint if freely rotating shafts are involved. For mounting, a cresent wrench (thickness max.  $l_2$ - $l_3$ ) is used.

#### More information

#### References

Comply with mounting instructions, mounting examples, and technical data.

### **Drawing**



### Order information

| Dimensions |      |      |    | ons            |                | ws   | Tightening | Transferable | Transferable         | Surface        | Surface        | Hub bore       | Shaft diameter | I  | Art. No.   |
|------------|------|------|----|----------------|----------------|------|------------|--------------|----------------------|----------------|----------------|----------------|----------------|----|------------|
| d-         | d    | ا وا | 1, | l <sub>2</sub> | l <sub>3</sub> |      | torque of  | torque       | axial load           | pressure       | pressure       | D <sub>1</sub> | D <sub>2</sub> | _  |            |
|            |      | -    | .  | _              |                |      | the nut    | М            | F <sub>a</sub>       | of shaft       | of hub         | H9             | h9             |    |            |
|            |      |      |    |                |                |      | TA         | max.         | max.                 | p <sub>W</sub> | p <sub>N</sub> |                |                |    |            |
|            |      |      |    |                |                |      | max.       |              |                      | max.           | max.           |                |                |    |            |
|            | [mm] |      |    | [mm]           | [Nm]           | [Nm] | [kN]       | [N/mm²]      | [N/mm <sup>2</sup> ] | [mm]           | [mm]           | [g]            |                |    |            |
| 6          | 12   | 2    | 19 | 15             | 9              | 14   | 9.9        | 12.1         | 4                    | 220            | 119            | 12             | 6              | 15 | 25050.0106 |

### Accessories

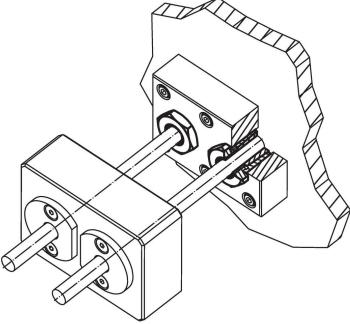
|                     | WS<br>[mm] | <b>[</b> 9] | Art. No.   |  |  |  |  |  |
|---------------------|------------|-------------|------------|--|--|--|--|--|
| special fork wrench |            |             |            |  |  |  |  |  |
|                     | 14         | 45          | 25050.0814 |  |  |  |  |  |



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## **Application example**





# Compliance

### **RoHS** compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

# Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

# Does not contain Proposition 65 substances

No Proposition 65 substances included. https://www.P65Warnings.ca.gov/

## **Free from Conflict Minerals**

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.



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