# Tapered Shaft Hubs • with lock nut, stainless steel

25050.0312



# **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**

· Stainless steel, nickel-plated

#### Inner part

· Stainless steel, nickel-plated

#### Nut

· Stainless steel, nickel-plated, hardened

#### **Assembly**

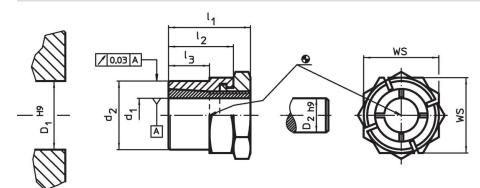
The lock nut at the outer part facilitates locking of the shaft-hub joint if freely rotating shafts are involved. For mounting, a cresent wrench (thickness max.  $I_2$ - $I_3$ ) is used.

#### More information

#### References

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

### **Drawing**



# Order information

Dimensions				ns		ws	Tightening	Transferable	Transferable	Surface	Surface	Hub bore	Shaft diameter	ĭ	Art. No.
d₁	d₂	I <sub>4</sub>	H	l <sub>2</sub>	l <sub>3</sub>		torque of	torque	axial load	pressure	pressure	D <sub>1</sub>	D <sub>2</sub>	_	
•	-			-	Ū		the nut	M	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]	
12	20	24	. 1	19	12	22	31	45.7	7.6	144	128	20	12	43	25050.0312

### Accessories

special fork wrench	WS [mm]	[9]	Art. No.
	27	195	25050.0827



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# 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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