Tapered Shaft Hubs · with lock nut

25050.0122

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					WS	Tightening torque of the nut T_A max.	Transferable torque M max.	Transferable axial load F_a max.	Surface pressure of shaft p_W max.	Surface pressure of hub p_N max.	Hub bore D_1 H9	Shaft diameter D_2 h9	🔩	Art. No.
d_1	d_2	l_1	l_2	l_3										
[mm]					[mm]	[Nm]	[Nm]	[kN]	[N/mm²]	[N/mm²]	[mm]	[mm]	[g]	
22	**38**	41	30	20	46	250	349	31.8	197	122	38	22	339	**25050.0122**

Accessories

	WS [mm]	🔩 [g]	Art. No.
special fork wrench			
	46	610	**25050.0846**

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.