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Tapered Shaft Hubs • with lock nut, stainless steel

EH 25050.



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

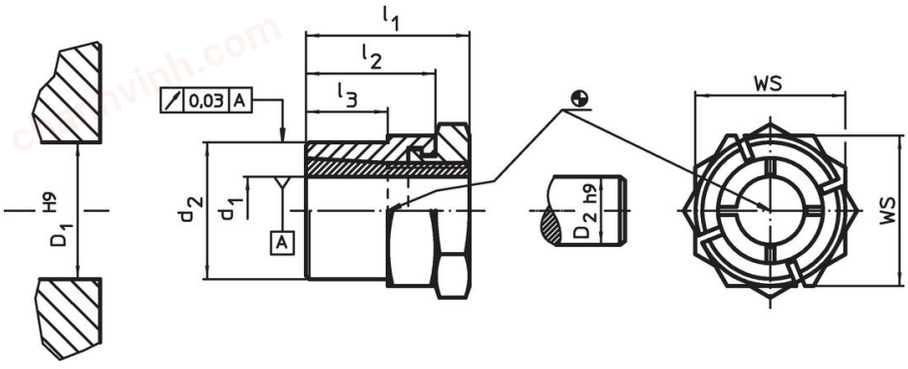
The lock nut at the outer part facilitates locking of the shaft-hub joint if freely rotating shafts are involved. For mounting, a cresent wrench (thickness max. l_2-l_3) is used.

More information

References

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

Drawing



Order information

Dimensions					WS	Tightening torque of the nut	Transferable torque	Transferable axial load	Surface pressure of shaft	Surface pressure of hub	Hub bore	Shaft diameter		Art. No.
d_1	d_2	l_1	l_2	l_3		T_A max.	M max.	F_a max.	p_W max.	p_N max.	D_1 H9	D_2 h9		
[mm]					[mm]	[Nm]	[Nm]	[kN]	[N/mm²]	[N/mm²]	[mm]	[mm]	[g]	
6	**12**	19	15	9	14	7	8.5	2.8	154	119	12	6	14	25050.0306
8	**14**	22	17	11	16	12	16.4	4.1	125	121	14	8	20	25050.0308
10	**18**	24	19	12	22	24	34.0	6.8	155	127	18	10	44	25050.0310
12	**20**	24	19	12	22	31	45.7	7.6	144	128	20	12	43	25050.0312
16	**24**	28	22	15	27	46	74.2	9.3	109	107	24	16	68	25050.0316
20	**30**	36	27	17	36	113	173.6	17.4	141	145	30	20	160	25050.0320
25	**38**	41	30	20	46	175	277.9	22.3	121	122	38	25	305	25050.0325
30	**42**	44	33	23	50	249	423.5	28.3	113	123	42	30	341	25050.0330

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Accessories

	WS [mm]	[g]	Art. No.
special fork wrench			
	**14**	45	**25050.0814**
	16	72	**25050.0816**
	22	195	**25050.0822**
	27	195	**25050.0827**
	36	428	**25050.0836**
	46	610	**25050.0846**
	50	870	**25050.0850**

Compliance

For detailed compliance information please select the desired article number.