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

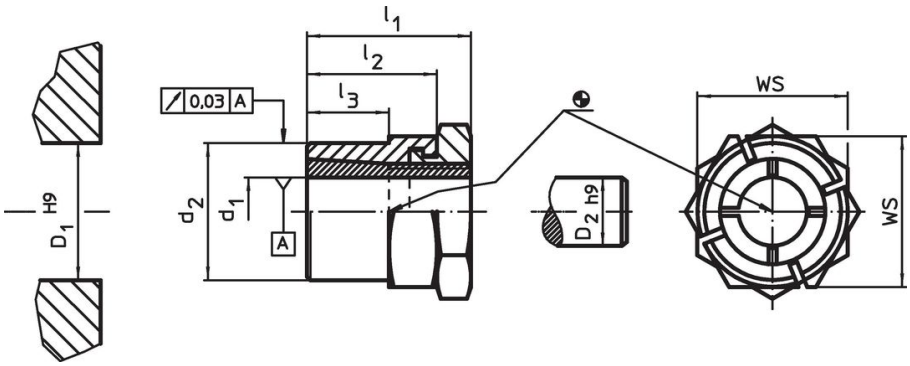
The lock nut at the outer part facilitates locking of the shaft-hub joint if freely rotating shafts are involved. For mounting, a cresent wrench (thickness max. l_2-l_3) is used.

More information

References

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

Drawing



Order information

Dimensions					WS	Tightening torque of the nut 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]	
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	45	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	161	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

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.