

Item description/product images


Description
Material:

Coupling hub stainless steel 1.4305.
 Coupling spider polyurethane Shore 92-A.
 Clamping screws stainless steel A2-70.

Note:

The radial clamping hub allows for a considerably shorter assembly time.
 The coupling can be mounted completely assembled or in unassembled condition.
 A light oil film on the insert minimizes the assembly force required.
 The required torque for the screws must be adhered to.

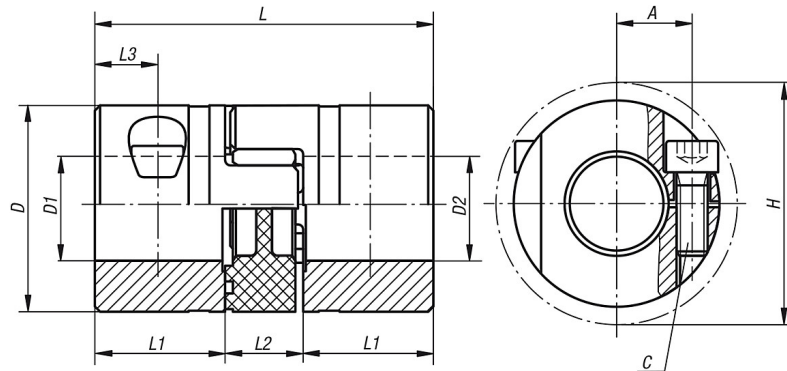
Assembly:

The fit shaft to bore should be a transition fit.
 The clearance should be min. 0.01 mm and max. 0.03 mm i.e.
 Shaft $\varnothing 4$ j6
 Bore $\varnothing 4$ H7
 Diameters smaller than Dmin are possible, however, a sure transfer of the coupling torque is no longer guaranteed.

On request:

List required hub bore D1 and D2 with limits or fits separately.

 Drawings


 Overview of items

Order No.	Size	D1/D2 predrilled	D1/D2 max.	L	L1	L2	L3	D	A	H	C (DIN 912)
70-5-1	1	2	4	15	5	5	2,5	10	3,2	11,5	M1,6
70-5-2	2	3	7	22	7	8	3,5	14	5	16,5	M2
70-5-3	3	4	11	30	10	10	5	20	7,3	23,5	M2,5

Order No.	Size	Nominal torque Nm	Inertia torque (10 kgm ²)	Static torsion spring torque (Nm/rad)	Max. axial shaft displacement \pm	Max. lateral shaft displacement	Max. angular shaft displacement	Radial spring stiffness N/mm	max. speed U/min
70-5-1	1	0,5	0,099	5,2	-2	+0,4/-0,2	1°	154	38.000
70-5-2	2	1,2	0,568	14,3	-2	+0,6/-0,3	1°	219	27.000
70-5-3	3	3	3,132	31	-2	+0,8/-0,4	1°	262	19.000

Overview of items
