

25 - 100 Nm



FEATURES

- ▶ high torsional stiffness
- ▶ low inertia
- ▶ backlash free

MATERIAL

- **Disc packs:** highly elastic steel
- **Hubs and spacer:** aluminium

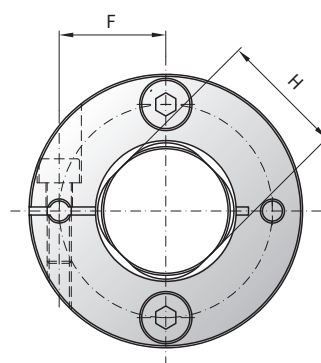
DESIGN

Two precision machined coupling hubs and precision spacer mounted to the disc packs by means of high strength screws and spacers for frictional clamping of the assembly.

Also available as split clamping hub.

S = Single cardanic

D = Double cardanic



SIZE		25		40		60		100	
System		S	D	S	D	S	D	S	D
Rated torque (Nm)	T _{RN}	25		40		60		100	
Coupling length (mm)	A	43.6	60.2	50.9	69.3	53.5	73.6	68.7	98.8
Outside diameter (mm)	B	56		63		68		82	
Fit length (mm)	C	20.2		24		25		30	
Bore diameter H7 (mm)	D ₁ / D ₂	15-30		16-30		25-35		26-40	
Fastening screw	E	M5		M6		M6		M8	
Tightening torque (Nm)		8		15		15		30	
Distance (mm)	F	22		23		26.5		28	
Distance (mm)	G	6		7.5		7.5		8.5	
Shaft diameter limitation (mm)	H	26		-		31		38	
Moment of inertia (10 ⁻³ kgm ²)	J _{ges}	0.095	0.138	0.182	0.256	0.260	0.373	0.706	1.036
Weight (kg)		0.192	0.284	0.304	0.428	0.363	0.531	0.694	1.022
Torsional stiffness (Nm/rad)	C _T	46000	23000	58000	29000	82000	41000	157000	78500
Axial displacement ± (mm)	max. values	0.4	0.81	0.42	0.85	0.5	1	0.5	1.15
Lateral displacement ± (mm)		-	0.29	-	0.32	-	0.35	-	0.53
Angular displacement ± (degree)		1	2	1	2	1	2	1	2
Max. speed (1/min)		10000							

For custom features place an XX at the end of the part number and describe the special requirements (SCL2 / 60 / D / 28 / 33 / XX)