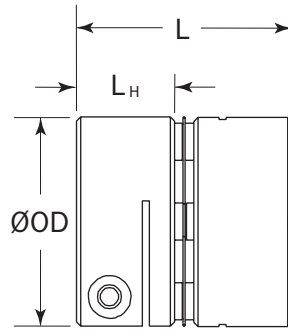


SINGLE DISC STYLE COUPLING

METRIC DIMENSION SERIES

MDCS
MDSS



- Accommodates angular misalignment and axial motion
- Stainless hubs available
- Combine two couplings with shaft sections for custom lengths
- Inch to metric combinations also available
- Special designs available

PART NUMBER		SPECIFICATIONS											
CLAMP STYLE	SET SCREW STYLE	BORE 1 (mm)	BORE 2 (mm)	ØOD (mm)	LENGTH L (mm)	CLAMP SCREW	SET SCREW	HUB WIDTH L _H (mm)	STATIC TORQUE (Nm)	TORSIONAL STIFFNESS (Nm/deg)	MISALIGNMENT ANGULAR (deg)	PARALLEL (mm)	AXIAL MOTION (mm)
MDCS15	MDSS15	3	3	15.0	18.3	M2	M3	8.3	1.7	5.6	0.5	N/A	0.05
		4	4										
		5	5										
		6	6										
MDCS19	MDSS19	4	4	19.1	23.0	M2.5	M3	10.6	2.8	8.7	1.0	N/A	0.10
		5	5										
		6	6										
		8	8										
MDCS25	MDSS25	6	6	25.4	26.2	M3	M4	11.8	5.6	10.6	1.0	N/A	0.15
		8	8										
		10	10										
		12	12										
MDCS33	MDSS33	8	8	33.3	33.3	M3	M4	15.0	11.3	35.4	1.0	N/A	0.20
		10	10										
		12	12										
		14	14										
MDCS41	MDSS41	15	15	41.3	39.7	M4	M5	18.0	20.3	70.6	1.0	N/A	0.25
		16	16										
		20	20										
		12	12										
MDCS51	MDSS51	14	14	50.8	46.1	M5	M6	20.6	39.6	98.0	1.0	N/A	0.32
		15	15										
		16	16										
		20	20										
MDCS57	MDSS57	25	25	57.2	58.8	M6	M8	26.7	50.9	113.0	1.0	N/A	0.38
		14	14										
		15	15										
		16	16										
		20	20										
		25	25										
		30	30										

Note 1 Static torque ratings are at maximum misalignment. To obtain dynamic rating, static ratings should be divided by 2 for non-reversing applications and by 4 for reversing applications.

Note 2 Hardware is alloy steel with black oxide finish. Parts MDSS15 and MDSS19 have one set screw on each end. MDSS25, MDSS33, MDSS41 and MDSS51 have two set screws 90° apart.

Note 3 Performance ratings are for guidance only. The user must determine suitability for a particular application.

Note 4 Ratings in table are for standard couplings with aluminum hubs.

FOR WARRANTY/DISCLAIMER OF UNSTATED WARRANTIES/LIMITATION OF LIABILITY