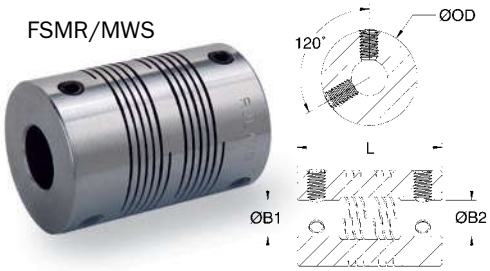
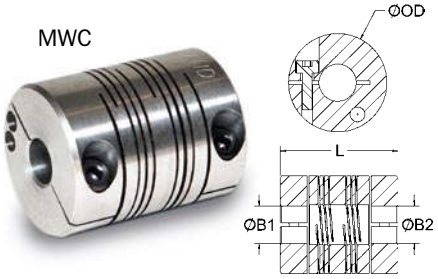
FCMR



FSMR/MWS



MWC



PART NUMBER		SPECIFICATIONS							PERFORMANCE				
CLAMP STYLE	SET SCREW STYLE	BORES B1,B2 (mm)	OUTER DIAM OD (mm)	CLEARANCE DIAM C (mm) MAX	LENGTH L (mm) (FCMR/MWC)	LENGTH L (mm) (FSMR/MWS)	CAP SCREW (FCMR/MWC)	SET SCREW (FSMR/MWS)	STATIC TORQUE (Nm)	WIND-UP (Deg/Nm)	PARALLEL MISALIGNMENT (mm)	AXIAL MOTION (mm)	MOMENT OF INERTIA (x10^{-6} kg-m^2)
FCMR16	FSMR16	5	15.88	20.22	25.4	25.4	M3	M4	2.04	0.78	0.381	0.254	
		6							2.04	0.78			
FCMR19	FSMR19	5	19.05	22.23	31.75	30	M3	M4	4.64	0.70	0.203	0.127	
		6							4.64	0.70			
		7							3.51	0.85			
		8							3.51	0.85			
FCMR25	FSMR25	6	25.4	28.37	38.1	40	M4	M5	6.00	0.30	0.381	0.254	
		7							6.00	0.30			
		8							5.66	0.41			
		9							5.66	0.41			
		10							5.66	0.41			
		11							4.40	0.74			
		12							4.40	0.74			
FCMR32	FSMR32	8	31.75	37.06	44.45	45	M5	M6	16.08	0.15	0.381	0.254	
		9							16.08	0.15			
		10							16.08	0.15			
		11							14.60	0.20			
		12							14.60	0.20			
		14							11.32	0.33			
		15							11.32	0.33			
FCMR38	FSMR38	10	38.1	41.71	57.15	55	M5	M6	23.53	0.14	0.762	0.381	
		11							21.52	0.19			
		12							21.52	0.19			
		14							21.52	0.19			
		15							19.82	0.27			
		16							19.82	0.27			
		19							16.42	0.40			
MWC15	MWS15	3	15		22	20	M2	M3	1.30	2.23	0.20	0.12	0.731
		4							1.30	2.23			
		5							1.20	2.52			
MWC20	MWS20	4	20		28	20	M3	M3	2.00	0.98	0.20	0.12	2.984
		5							2.00	0.98			
		6							1.70	1.29			
MWC25	MWS25	6	25		30	24	M3	M4	5.10	0.58	0.38	0.25	7.871
		8							5.10	0.58			
		10							4.60	0.83			
MWC30	MWS30	8	30		38	30	M4	M5	10.40	0.33	0.38	0.25	20.920
		10							10.40	0.33			
		12							10.00	0.46			

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. Stainless steel hardware is available upon request. FCMR and MWC series parts have two socket head Nypatch® cap screws on each end. FSMR and MWS parts have two set screws on each end 120° apart.

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

Note 4 Coupling torque and wind-up are determined by the largest bore selected.

Note 5 Angular misalignment on all couplings is 3°.

Note 6 Shafts may penetrate up to 0.5 x L. Be certain shafts do not touch.

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