

PART NUMBER		SPECIFICATIONS						PERFORMANCE				
CLAMP STYLE	SET SCREW STYLE	BORES B1,B2 (mm)	OUTER DIAM OD (mm)	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 <sup>-6</sup> kg-m <sup>2</sup> )
FCMR16	FSMR16	5	15.88	25.4	25.4	M3	M4	1.47	3.211	0.203	0.127	
		6						1.47	3.211			
FCMR19	FSMR19	5	19.05	31.75	31.75	M3	M4	2.94	1.331	0.203	0.127	
		6						2.94	1.331			
		7						2.71	1.666			
		8						2.26	2.036			
		6						3.95	0.548			
		7						3.95	0.548			
FCMR25	FSMR25	8	25.4	38.1	38.1	M4	M5	3.73	0.862	0.381	0.254	
		9						3.73	0.862			
		10						3.28	1.097			
		11						2.82	1.566			
		12						2.82	1.566			
FCMR32	FSMR32	8	31.75	44.45	44.45	M5	M6	7.91	0.313	0.381	0.254	
		9						6.89	0.392			
		10						6.89	0.392			
		11						5.65	0.627			
		12						5.65	0.627			
		14						5.08	0.705			
FCMR38	FSMR38	15	38.1	57.15	57.15	M5	M6	4.86	0.862	0.762	0.381	
		10						13.56	0.157			
		11						12.43	0.235			
		12						12.43	0.235			
		14						12.43	0.235			
		15						10.73	0.392			
16	10.73	0.392										
19	9.04	0.627										

- 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 series parts have two socket head Nypatch® cap screws on each end. FSMR 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.

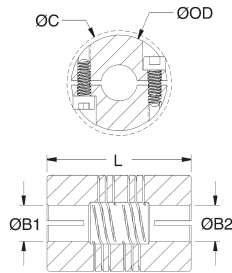
**FOR WARRANTY/DISCLAIMER OF UNSTATED WARRANTIES/LIMITATION OF LIABILITY**

# SIX BEAM AND FOUR BEAM COUPLINGS

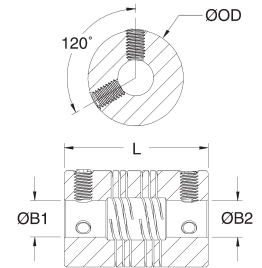
## METRIC DIMENSION SERIES • STAINLESS STEEL

# FCMR/FSMR

FCMR



FSMR



PART NUMBER		SPECIFICATIONS						PERFORMANCE				
CLAMP STYLE	SET SCREW STYLE	BORES B1,B2 (mm)	OUTER DIAM OD (mm)	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 <sup>-6</sup> kg-m <sup>2</sup> )
FCMR16	FSMR16	5	15.88	25.4	25.4	M3	M4	2.04	0.78	0.381	0.254	
		6						2.04	0.78			
		5						4.64	0.70			
FCMR19	FSMR19	6	19.05	31.75	30	M3	M4	4.64	0.70	0.203	0.127	
		7						3.51	0.85			
		8						3.51	0.85			
		6						6.00	0.30			
		7						6.00	0.30			
		8						5.66	0.41			
FCMR25	FSMR25	9	25.4	38.1	40	M4	M5	5.66	0.41	0.381	0.254	
		10						5.66	0.41			
		11						4.40	0.74			
		12						4.40	0.74			
		8						16.08	0.15			
		9						16.08	0.15			
		10						16.08	0.15			
FCMR32	FSMR32	11	31.75	44.45	45	M5	M6	14.60	0.20	0.381	0.254	
		12						14.60	0.20			
		14						11.32	0.33			
		15						11.32	0.33			
		10						23.53	0.14			
		11						21.52	0.19			
		12						21.52	0.19			
FCMR38	FSMR38	14	38.1	57.15	55	M5	M6	21.52	0.19	0.762	0.381	
		15						19.82	0.27			
		16						19.82	0.27			
		19						16.42	0.40			

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