MXC performance specs

part number													peak torque		static break torque		torsional stiffness		moment of inertia,	mass,	maximum misalignment					max speed,	maximum ambient temperature	
																					radial		angular	axial				
type (OC, OI, etc.)	outer diameter, in 16ths of an inch	placeholder, D	bore one size, in 16ths of an inch (E) or in mm (M)	E = English, M = metric bore	bore one type (b = blind, T = thru, K = keyway	bore two size, in 16ths of an inch (E) or in mm (M)	E = English, M = metric bore	bore two type (b = blind, T = thru, K = keyway	S = set screw, C = clamping	hub material (see chart at righ	placeholder, "HUB"	midsection material (see chart at right)	placeholder, "MID"	Nm	in-lb	Nm	in-lb	Nm/rad	in-lb/rad	(10^8)kgm^	grams	inches	mm	degrees	inches	mm	rpm	deg F	deg C
MSC	8	D	4	M	B	6	M	B	S	A	HUB	N	MID	0.1	0.89	0.2	1.7	0.1	0.89	507	55.6	0.03	0.76	10	0.01	0.25	2000	175	79
MMC	12	D	5	E	B	6	M	B	C	A	HUB	N	MID	0.1	0.89	0.2	1.7	0.1	0.89	560	63.8	0.03	0.76	10	0.01	0.25	2000	175	79
MLC	16	D	6	E	B	6	E	B	S	A	HUB	N	MID	0.1	0.89	0.2	1.7	0.1	0.89	706	75.3	0.03	0.76	10	0.01	0.25	2000	175	79

All MXC magnetic couplings have the same torque specifications, regardless of size (MSC, MMC, or MLC), bore size, or shaft attachment method.

Torque varies with gap between hubs; for this set of data, gap is assumed to be 0.030 inches (0.8mm).

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