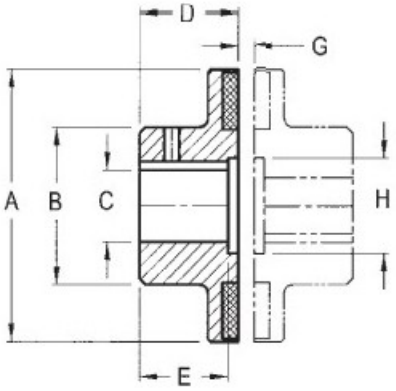
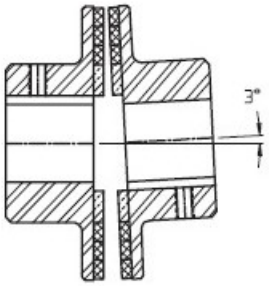
Disc Type

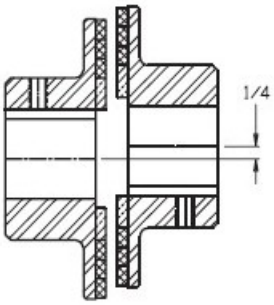
Magnetic Coupling

MTD-0.3 thru MTD-50





Angular Misalignment



Parallel Misalignment

Technical Data :

Material	400 Stainless Steel for MTD-0.3 thru MTD-4, optional for larger sizes
Magnet(Nickel Plated)	NdFeB
Operating Temp	140°C (284°F)
Remarks	Disc couplings are also available with SmCo magnets, rated up to 280°C (536°F)

Note: Disc Type Couplings are sold as hub halves; weight per hub includes magnets.

Shown in Metric

Shown in English measure

Model	HP @	Max	Torque	Torque	Weight						
	1750rpm	Speed	(nomal)	(peak)	(total)	A	B	C max	D	E	G	H
Number	HP	rpm	Nm	Nm	kg	mm	mm	mm	mm	mm	mm	mm
			in.lbs	in.lbs	lb	inch	inch	inch	inch	inch	inch	inch
MTD-0.3	0.08	26000	0.5	0.6	0.1	43.7	20.6	See Bore Code Chart	15.0	15.0	4.8	Not Avail
			4	5	0.22	1.72	0.81		0.59	0.59	0.19	
MTD-0.6	0.17	23000	0.7	0.9	0.1	50.0	28.4		15.0	15.0	4.8	
			6	8	0.37	1.97	1.12		0.59	0.59	0.19	
MTD-1	0.25	19000	1.0	1.4	0.3	60.0	38.1		19.1	19.1	4.8	
			9	12	0.58	2.36	1.50		0.75	0.75	0.19	
MTD-2	0.45	15500	1.7	2.3	0.6	73.0	50.8		25.4	25.4	4.8	
			15	20	1.27	2.87	2.00		1.00	1.00	0.19	
MTD-4	1.00	12000	4.1	4.5	1.0	93.5	69.9	34.93	25.4	25.4	6.4	
			36	40	2.23	3.68	2.75	1.375	1.00	1.00	0.25	
MTD-8	2.00	10500	8.1	9.0	1.2	107	69.9	34.93	25.4	25.4	6.4	
			72	80	2.55	4.20	2.75	1.375	1.00	1.00	0.25	
MTD-12	3.00	9000	12.2	13.5	2.4	130	69.9	41.28	38.1	31.8	6.4	52.3
			108	120	5.39	5.12	2.75	1.625	1.50	1.25	0.25	2.06
MTD-20	5.00	7600	20.3	22.6	3.2	125	69.9	41.28	38.1	31.8	6.4	52.3
			180	200	7.01	4.92	2.75	1.625	1.50	1.25	0.25	2.06
MTD-30	7.50	6700	30.5	33.9	4.7	125	108	53.98	47.6	41.4	6.4	68.3
			270	300	10.31	4.92	4.25	2.125	1.88	1.63	0.25	2.69
MTD-40	10.00	5900	40.6	45.2	5.7	147	108	60.33	52.5	46.0	6.4	77.7
			360	400	12.51	5.77	4.25	2.375	2.07	1.81	0.25	3.06
MTD-50	13.00	7700	53.1	61.0	3.0	147	40.5	38.10	41.7	31.8	6.4	50.8
			470	540	6.52	5.77	2.38	1.500	1.64	1.25	0.25	2.00

Stock sizes (MTD-0.3 through MTD-2) are kept on the shelf. Larger units are made to order. Please call the factory for bore codes and availability of larger units.

Bore Code Chart															
Bore Code >	0000	0188	0197	0236	0250	0313	0375	0433	0500	0551	0625	0748	0750	0875	1000
Size >	SOLID	3/16"	5mm	6mm	1/4"	5/16"	3/8"	11mm	1/2"	14mm	5/8"	19mm	3/4"	7/8"	1"
MTD-0.3	O	O	O	O	O	O									
MTD-0.6	O			O	O	O	O	O	O						
MTD-1	O						O	O	O	O	O	O	O		
MTD-2	O							O	O	O	O	O	O	O	O