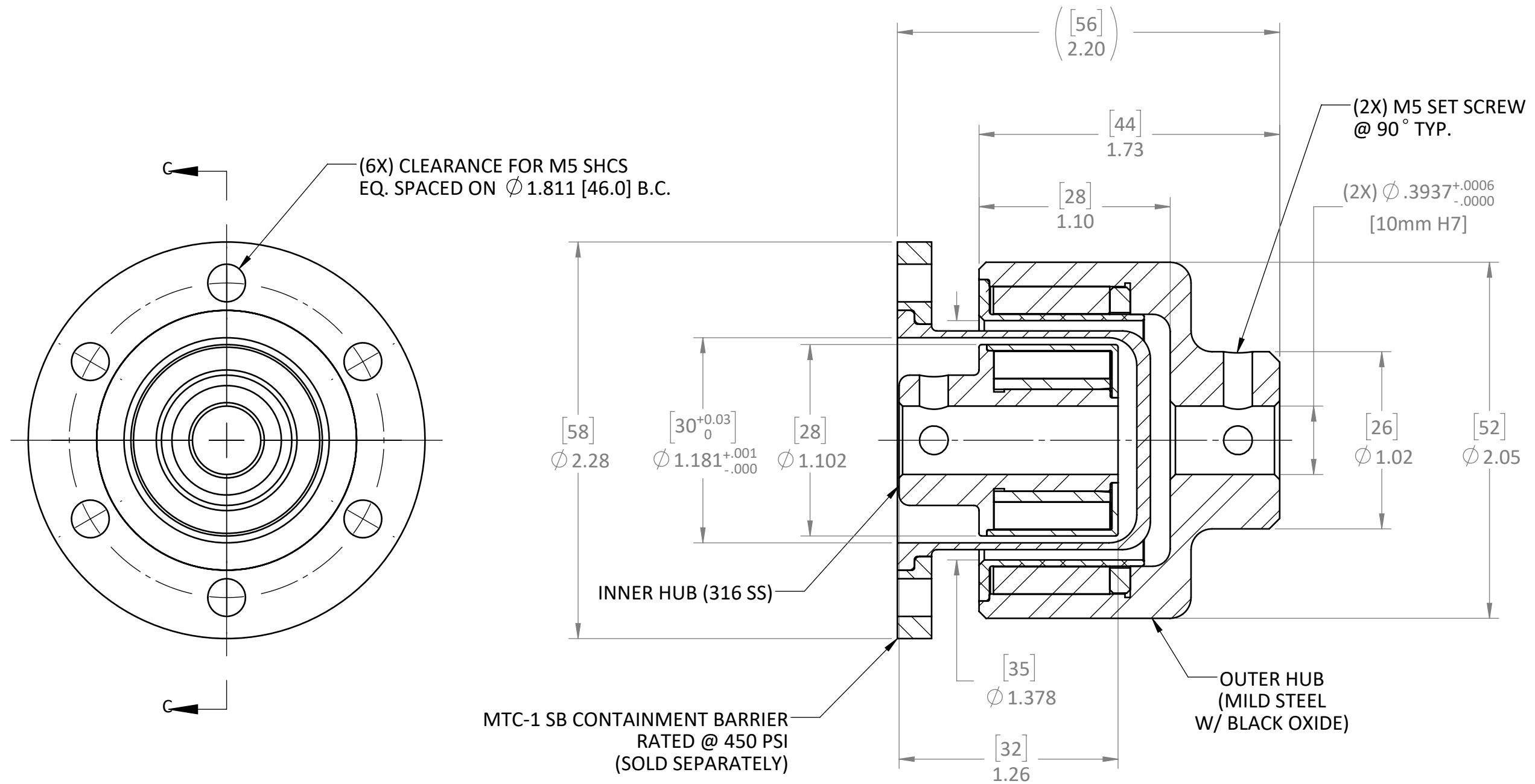


MTC-1	RATED TORQUE	SLIP TORQUE	MAX SPEED	WEIGHT
	1 Nm	1.5 Nm	22,000 RPM *	0.8 kg.
	9 LB-IN	13 LB-IN		1.7 lbs.

*** BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED**

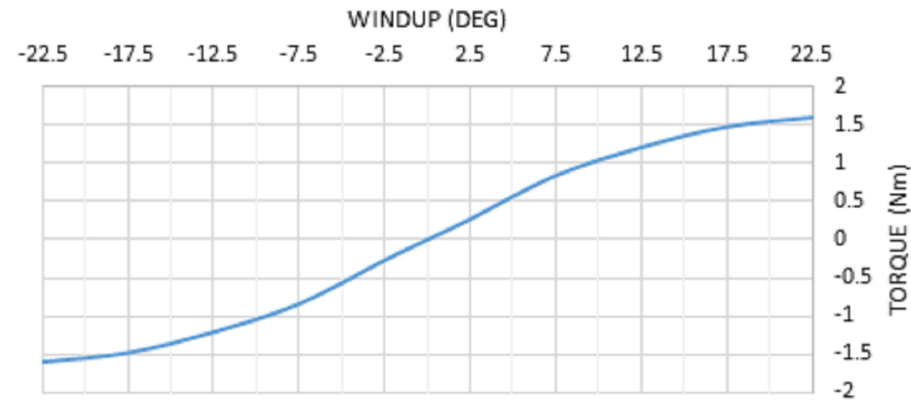
REVISIONS			
REV.	ECN.	DESCRIPTION	DATE



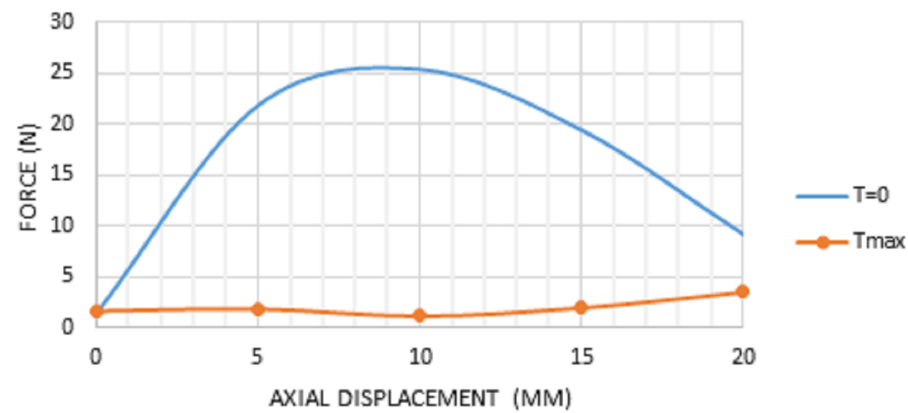
USED ON	SCALE 3:2	MATERIAL	MAGNETIC TECHNOLOGIES LTD. 43 TOWN FOREST ROAD OXFORD, MA 01540
UNLESS OTHERWISE SPECIFIED:		FINISH	
ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .01 .XXX ± .005 ANGULAR: ± 1° GEN. CONCENTRICITY: .003 T.I.R. ASSY. CONCENTRICITY: .008 T.I.R. MACH. FILLETS: .010 R MACH. EDGES: .015 R OR CHMF. UNSPECIFIED RADII: .015 R IN MICROINCHES RMS 32 GEOMETRIC: TO MIL-ST'D. 8 REMOVE ALL BURRS & SHARP EDGES			DRAWN R. A. 7/12/19
			CHECKED ASM 1/13/2023
			SHEET 1 OF 2
			SIZE: B
			DESCRIPTION 1 Nm COUPLING
			DWG. NO. REV.
			MTC-1 CUT SHEET

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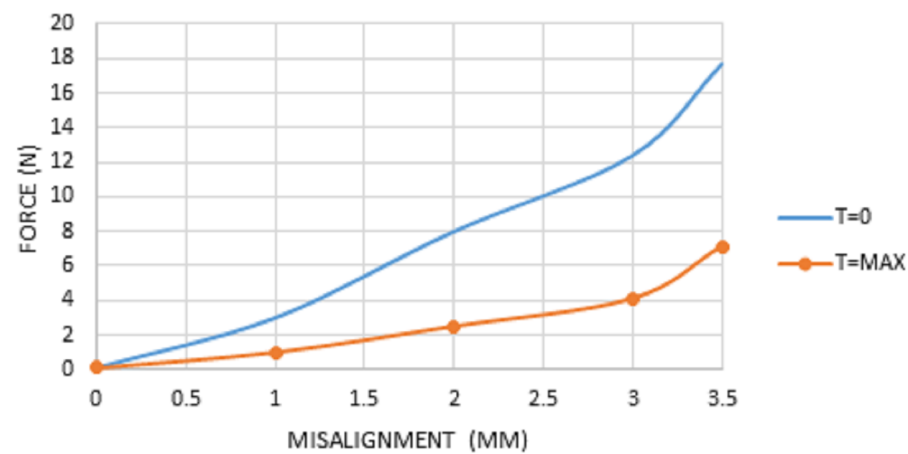
MTC-1 Nd WINDUP



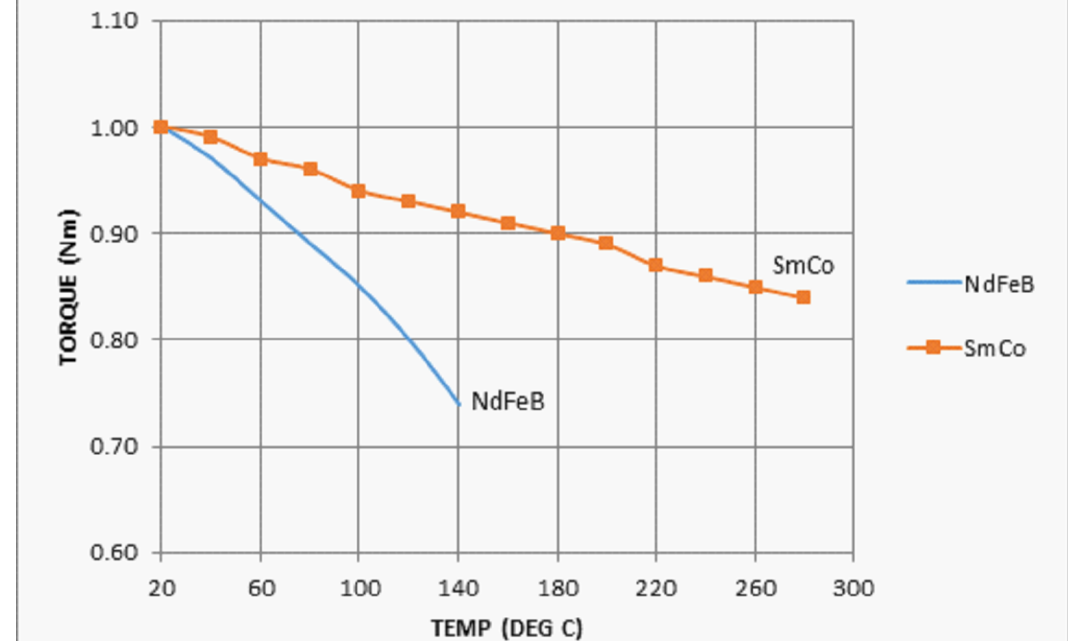
MTC-1 Nd AXIAL FORCE



MTC-1 Nd RADIAL MISALIGNMENT



MTC-1 TEMP VS TORQUE



***ABOVE CHARTS FOR NdFeB MAGNETS, SmCo CHARTS AVAILABLE UPON REQUEST**

USED ON	SCALE 1:1	MATERIAL	 43 TOWN FOREST ROAD OXFORD, MA 01540
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMAL: .XX ± .01 .XXX ± .005 ANGULAR: ± 1° GEN. CONCENTRICITY: .001 T.I.R. MACH. FILLETS: .010 R MACH. EDGES: .015 R OR CHMF. UNSPECIFIED RADII: .015 R IN MICROINCHES RMS 32 GEOMETRIC: TO MIL-ST'D. 8 REMOVE ALL BURRS & SHARP EDGES			
DRAWN R. A. 7/12/19		FINISH	TECHNICAL DATA DWG. NO. _____ REV. _____ MTC-1 CUT SHEET
CHECKED ASM 1/4/2022		SHEET 2 OF 2	
SIZE: B			

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