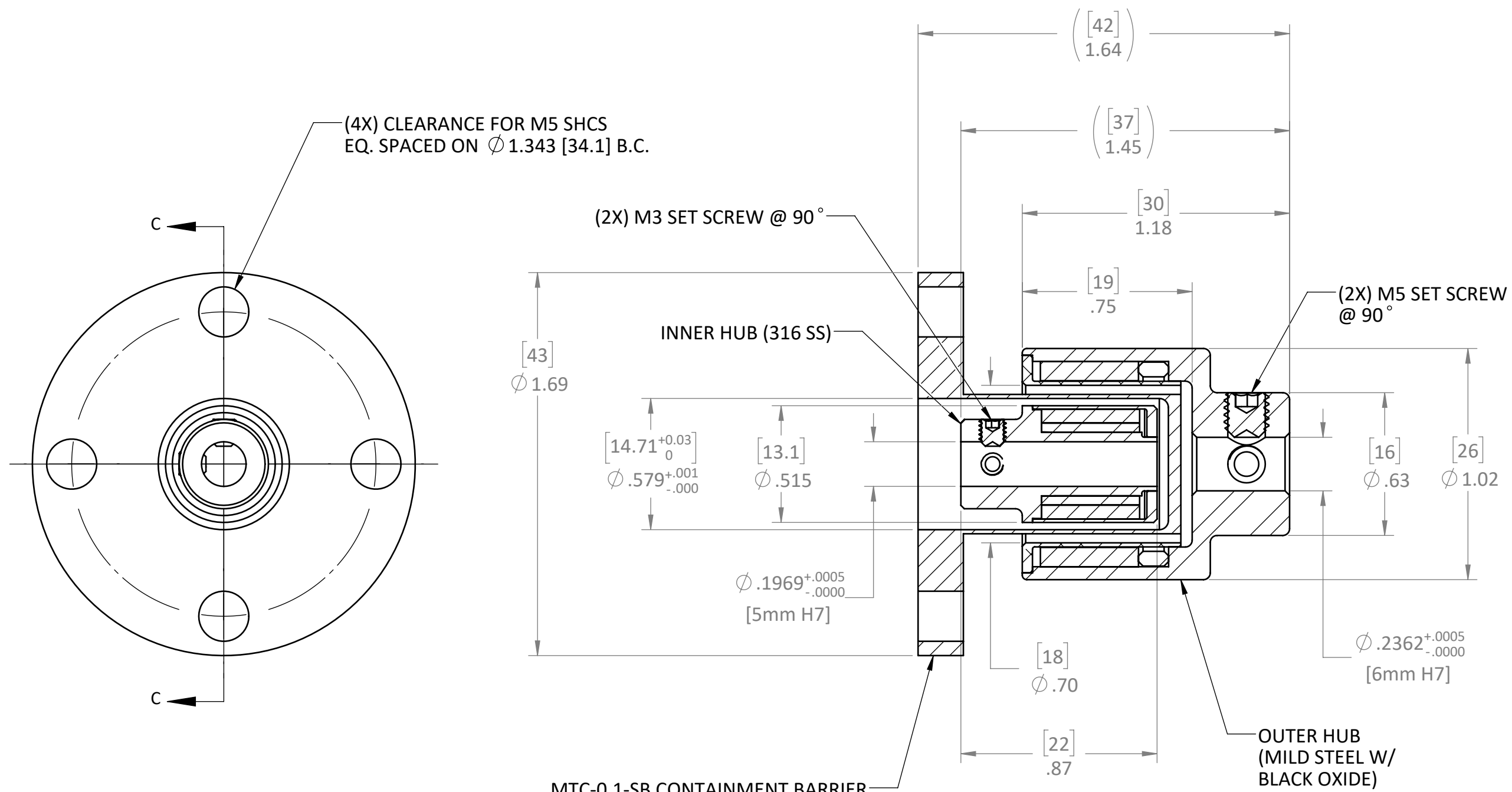


<b>MTC-0.1</b>	<b>RATED TORQUE</b>	<b>SLIP TORQUE</b>	<b>MAX SPEED</b>	<b>WEIGHT</b>
	0.1 Nm	0.2 Nm	44,000 RPM*	0.1 kg.
	1.0 LB-IN	1.75 LB-IN		0.2 lbs.

**\* BALANCING FOR HIGH SPEED APPLICATIONS REQUIRED**

REVISIONS			
REV.	ECN.	DESCRIPTION	DATE



(4X) CLEARANCE FOR M5 SHCS  
EQ. SPACED ON  $\phi$  1.343 [34.1] B.C.

(2X) M3 SET SCREW @ 90°

INNER HUB (316 SS)

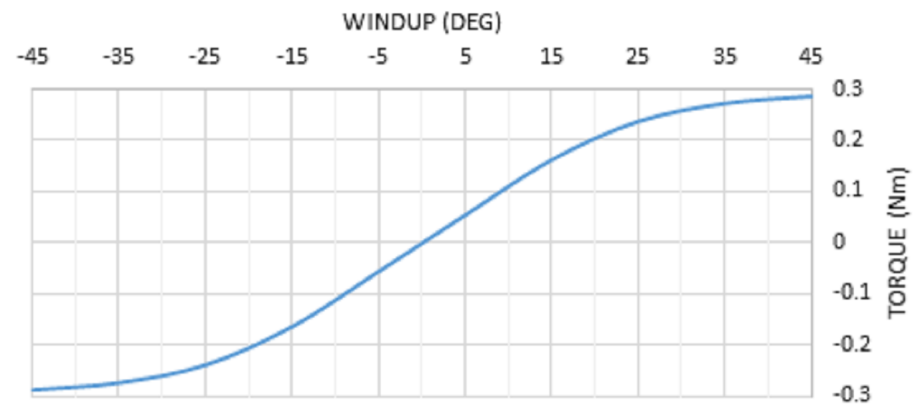
(2X) M5 SET SCREW @ 90°

OUTER HUB  
(MILD STEEL W/  
BLACK OXIDE)

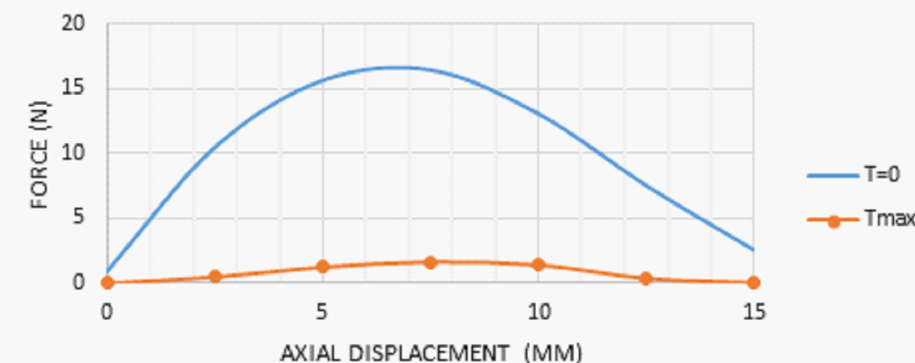
MTC-0.1-SB CONTAINMENT BARRIER  
RATED @ 450 PSI  
(SOLD SEPARATELY)

USED ON	SCALE <b>2:1</b>	MATERIAL	 <b>MAGNETIC TECHNOLOGIES LTD.</b> 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. 3/30/20 CHECKED ASM 1/4/2022 SHEET 1 OF 2 SIZE: B
			DESCRIPTION <b>0.1 Nm COUPLING</b> DWG. NO. _____ REV. _____ <b>MTC-0.1 CUT SHEET</b>

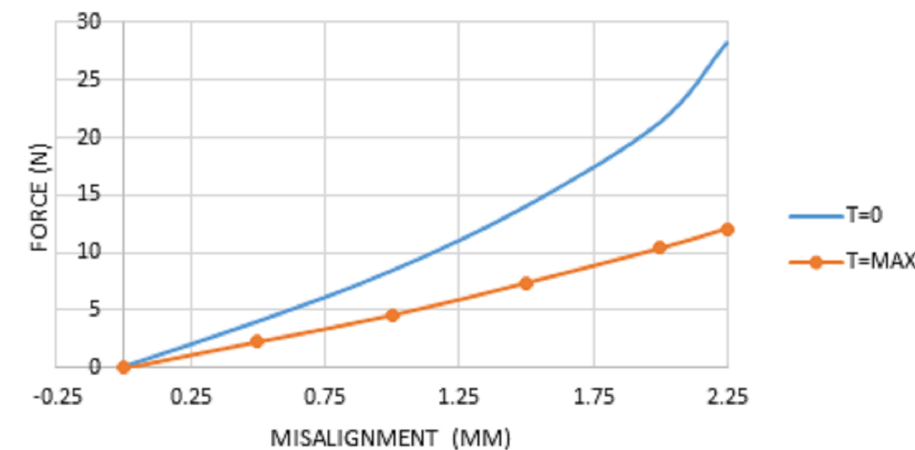
### MTC-0.1 Nd WINDUP



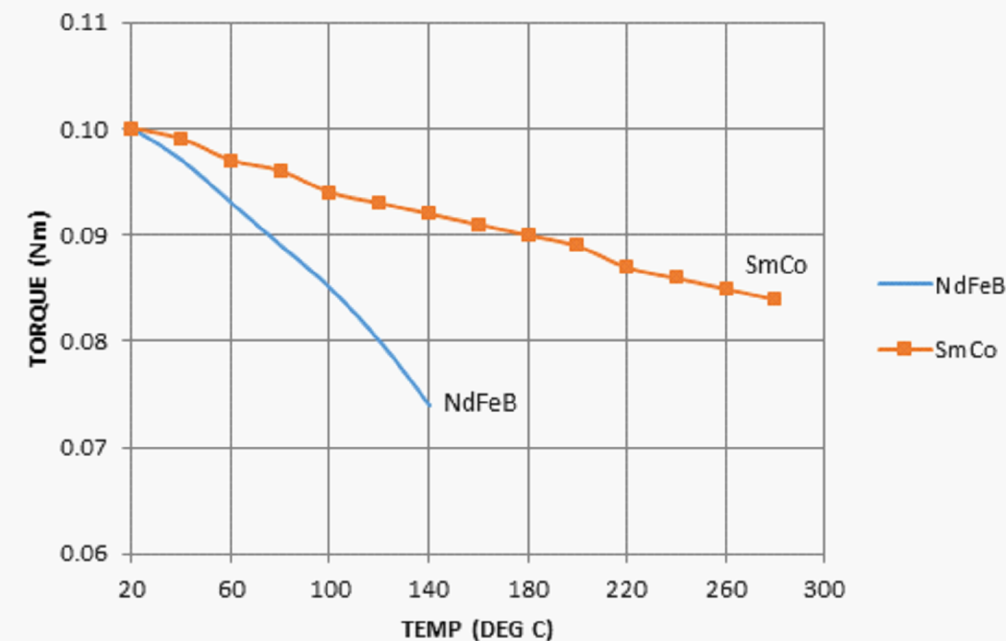
### MTC-0.1 Nd AXIAL FORCE



### MTC-0.1 Nd RADIAL MISALIGNMENT



### MTC-0.1 TEMP VS TORQUE



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

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USED ON	SCALE 3:2	MATERIAL	<b>MAGNETIC TECHNOLOGIES LTD.</b> 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			
			DESCRIPTION <b>TECHNICAL DATA</b> DWG. NO. _____ REV. _____ <b>MTC-0.1 CUT SHEET</b>