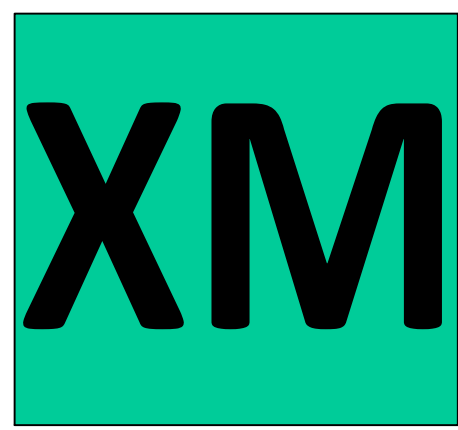


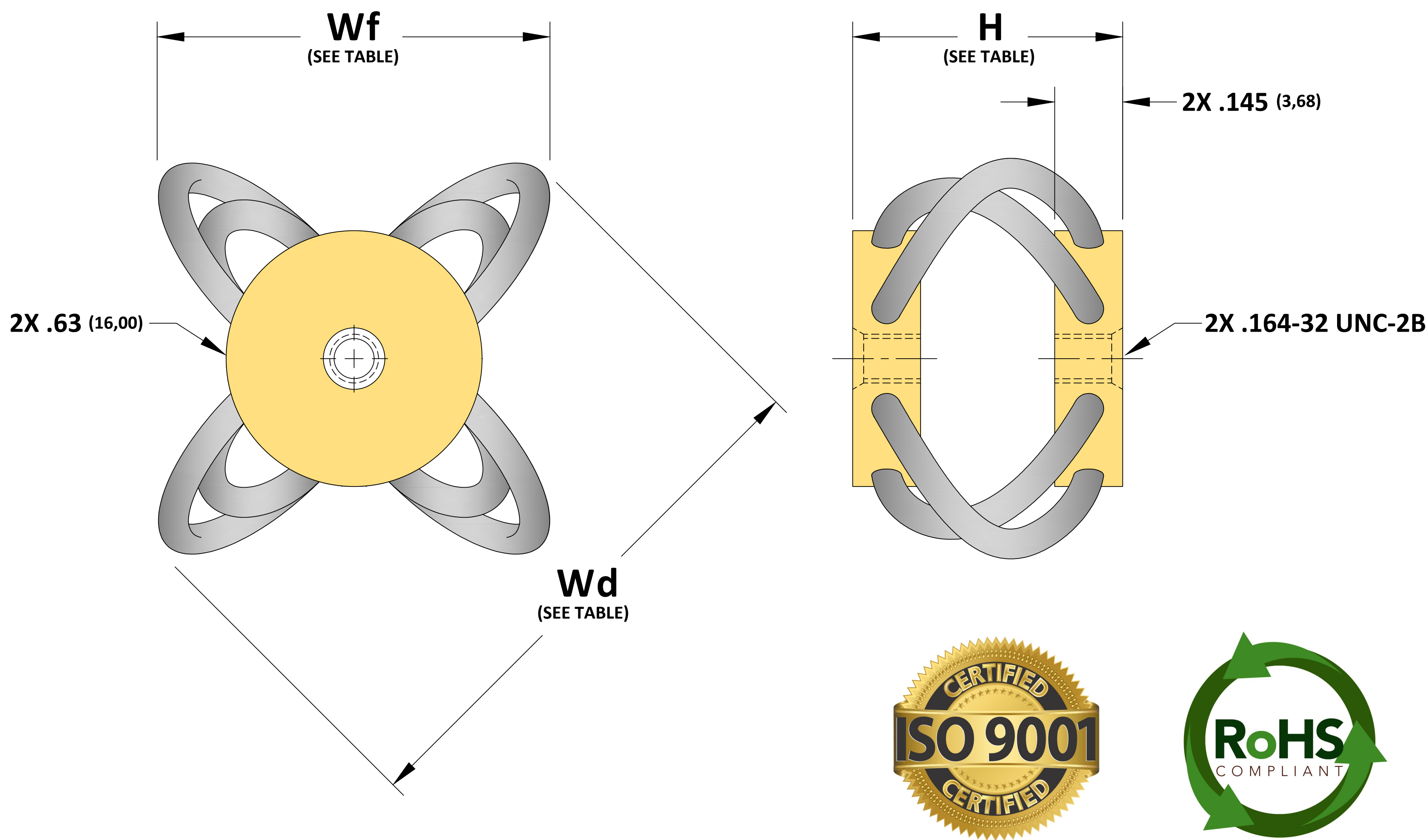


XM2 SERIES

1/16" DIAMETER CABLE

Design Data Sheet

Cross Mount Isolator



NOTES, FEATURES, MATERIALS/FINISHES

- NOTES:**
- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm)
 - SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
 - ADD 'M' TO END OF PART NUMBER FOR METRIC INSERTS
- FEATURES:**
- RUGGED ALL METAL CONSTRUCTION
 - UNEQUALLED TEMP. RANGE: -200°F TO 500°F
 - THREE AXIS CAPABILITY (6 DOF)
 - HIGH DAMPING: C/Cc ≈ .15-.20
 - LONG LIFE AND MAINTENANCE FREE
- MATERIALS/FINISHES:**
- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
 - INSERTS: 300 SERIES SS PER MS122076
 - RETAINER BARS: 6063-T52 ALUMINUM ALLOY/CHEM FILM IAW MIL-C-5541, CLASS 1A

PART NUMBER	DIMENSIONS in (mm)			ISOLATOR WEIGHT oz (gms)	COMPRESSION		ROLL		COMPRESSION/ROLL	
	H ±.03	Wf (REF)	Wd (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)
XM2-065-A	0.65 (16,5)	1.00 (25,4)	1.30 (33,0)	0.14 (4,0)	34	25	23	56	25	18
XM2-070-A	0.70 (17,8)	1.05 (26,7)	1.42 (36,1)	0.18 (5,0)	24	16	14	31	23	13
XM2-080-A	0.80 (20,3)	1.10 (27,9)	1.44 (36,6)	0.21 (6,0)	23	13	8	25	16	9
XM2-098-A	0.98 (24,9)	1.20 (30,5)	1.65 (41,9)	0.25 (7,0)	18	10	7	24	14	6
XM2-107-A	1.07 (27,2)	1.25 (31,8)	1.70 (43,2)	0.28 (8,0)	12	7	5	14	9	4

