

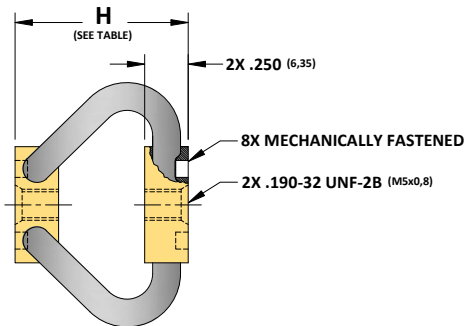
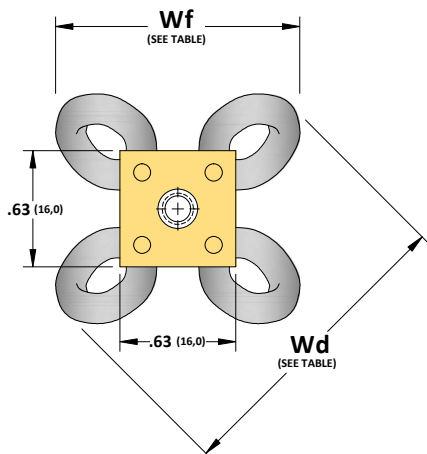


SM4 SERIES

1/8" DIAMETER CABLE

Design Data Sheet

Square 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

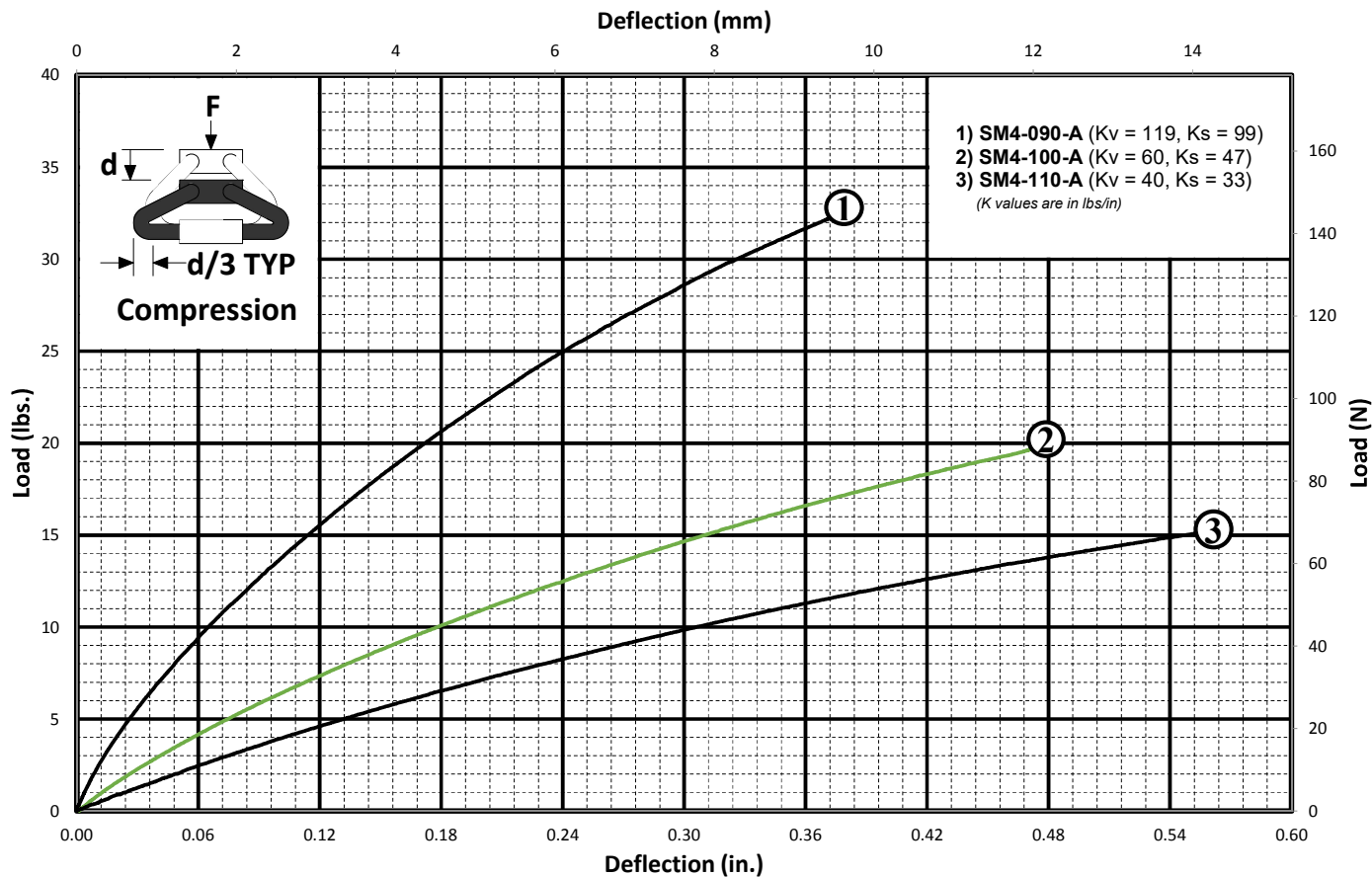
FEATURES:

- RUGGED ALL METAL CONSTRUCTION
- UNEQUALLED TEMP. RANGE: -200°F TO 500°F
- THREE AXIS CAPABILITY (6 DOF)
- HIGH DAMPING: $C/C_c \approx .15-.20$
- LONG LIFE AND MAINTENANCE FREE

MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
- INSERTS: 300 SERIES SS PER MS124655
- 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)
SM4-090-A	0.90 (22,9)	1.26 (32,0)	1.62 (41,1)	0.50 (14,2)	119	99	62	73	84	61
SM4-100-A	1.00 (25,4)	1.43 (36,3)	1.85 (47,0)	0.54 (15,3)	60	47	29	32	46	36
SM4-110-A	1.10 (27,9)	1.51 (38,4)	1.97 (50,0)	0.60 (17,0)	40	33	19	24	29	20



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