

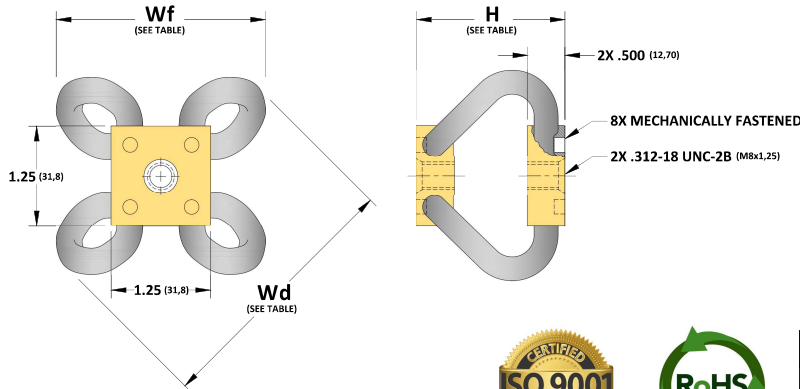
**SM**

# SM8 SERIES

1/4" 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/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 MS122082
- 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)
SM8-200-A	2.00 (50.8)	2.80 (71.1)	3.65 (92.7)	4.30 (122.0)	119	83	69	72	84	52
SM8-225-A	2.25 (57.2)	3.05 (77.5)	3.90 (99.1)	4.40 (124.9)	69	43	34	42	48	28
SM8-250-A	2.50 (63.5)	3.30 (83.8)	4.25 (108.0)	4.80 (136.2)	45	38	22	28	34	18

