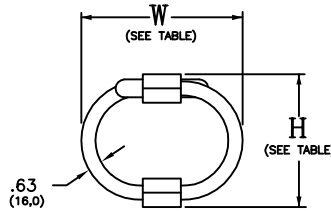
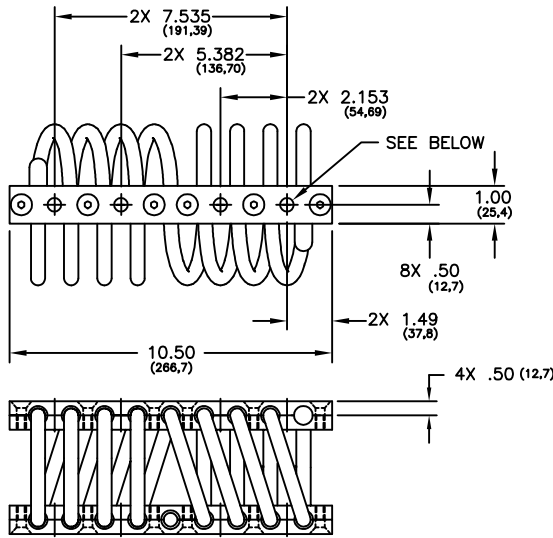


DESIGN DATA

M20 SERIES
SHOCK & VIBRATION ISOLATORS

5/8" DIAMETER CABLE



FEATURES:

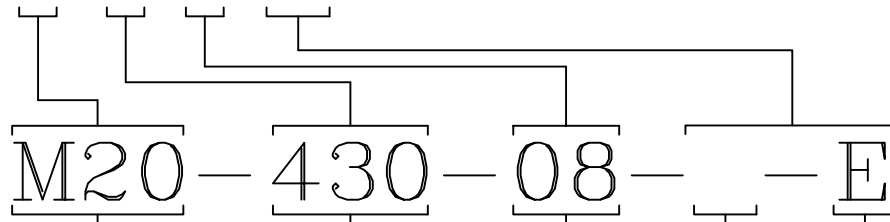
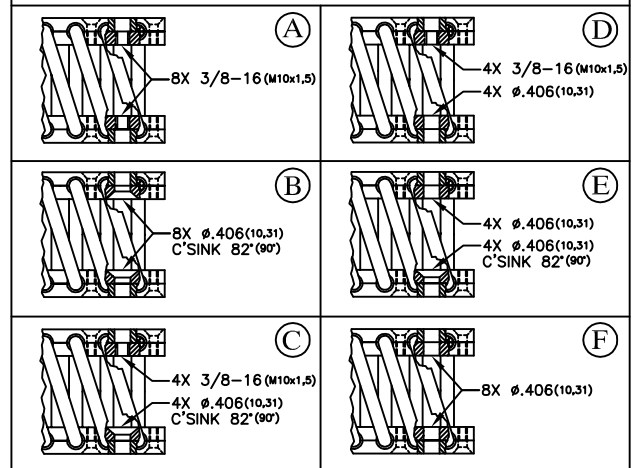
- RUGGED ALL METAL CONSTRUCTION
- UNEQUALLED TEMP. RANGE: -200°F TO 500°F
- THREE AXIS CAPABILITY
- MAINTENANCE FREE
- FAIL SAFE DESIGN
- HIGH DAMPING: C/Cc ≈ .20
- EXCEPTIONAL RELIABILITY AND LONG LIFE

MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER RR-W-410
- SCREWS: 300 SERIES SS PASSIVATED IAW QQ-P-35C TYPE II
- INSERTS: 300 SERIES SS PER MS122083 (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

PART NUMBER	DIMENSIONS, in.		ISOLATOR WEIGHT (SEE NOTE 3)
	H ±.06	W (REF)	
M20 - 350 - 08 - []	3.50 (88,9)	4.00 (101,6)	6.31bs (2,86kg)
M20 - 390 - 08 - []	3.90 (99,1)	4.40 (111,8)	7.01bs (3,18kg)
M20 - 430 - 08 - []	4.30 (109,2)	5.30 (134,6)	7.81bs (3,55kg)
M20 - 470 - 08 - []	4.70 (119,4)	6.00 (152,4)	8.71bs (3,94kg)
M20 - 500 - 08 - []	5.00 (127,0)	6.50 (165,1)	9.31bs (4,23kg)
M20 - 530 - 08 - []	5.30 (134,6)	7.00 (177,8)	10.01bs (4,54kg)

MOUNTING HOLE OPTIONS



EXAMPLE

M20-430 ISOLATOR WITH 8 LOOPS; 6061-T6 ALUM BARS WITH CHEM FILM; ø.406 THRU HOLES ON ONE SIDE, 82° CSK ON OTHER SIDE.

SERIES	MODEL SIZE	NO. OF CABLE LOOPS	BAR MATERIAL/FINISH	MOUNTING HOLES
• CABLE DIAMETER IN 32NDS	• BASED ON ISOLATOR HEIGHT	• 8 LOOPS STANDARD FOR THE M20 SERIES. • ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.	• [] = 6061-T6 ALUM ALLOY/CHEM FILM IAW MIL-DTL-5541, TYPE II, CL 3. • [H] = 6061-T6 ALUM ALLOY/ANODIZED IAW MIL-A-8625, TYPE II • [S] = 300 SERIES SS/PASSIVATED IAW QQ-P-35C, TYPE II	• SEE MOUNTING HOLE OPTIONS ABOVE. • ADD 'M' TO END OF P/N FOR METRIC MOUNTING HOLES. • ADD 'L' TO END OF P/N FOR LOCKING INSERTS.

NOTES:

- 1) ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
- 2) SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- 3) ADD 2.51bs (1,1kg) TO ISOLATOR WEIGHT FOR ALL-STAINLESS STEEL VERSIONS.