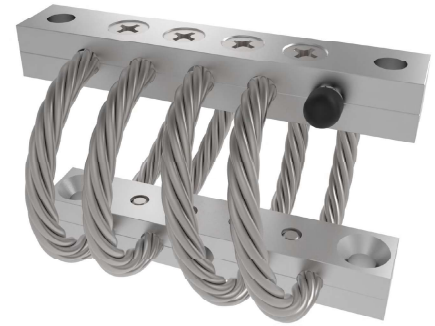
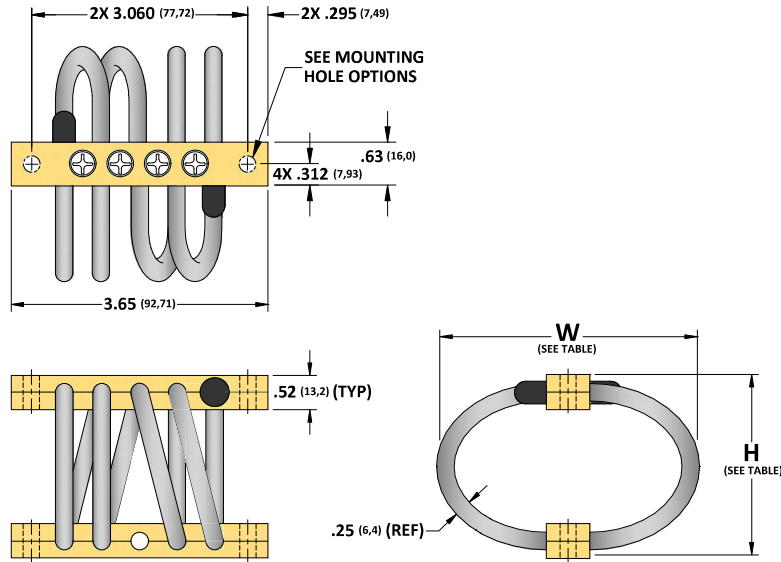


1/4" DIAMETER CABLE

Helical Isolator



PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT oz (gms)	COMPRESSION			SHEAR/ROLL (AVG)		
	H $\pm .03$	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB8-190-04-[]	1.90 (48,4)	2.20 (55,9)	5.6 (159)	632	479	.70	195	216	.70
SB8-213-04-[]	2.13 (54,1)	2.50 (63,5)	6.1 (173)	466	344	.90	192	158	.90
SB8-231-04-[]	2.31 (58,7)	2.80 (71,1)	6.3 (179)	331	223	1.10	121	110	1.10
SB8-245-04-[]	2.45 (62,2)	3.13 (79,5)	6.9 (194)	220	151	1.25	87	80	1.25
SB8-255-04-[]	2.55 (64,8)	3.50 (88,9)	7.5 (213)	145	105	1.35	63	55	1.35
SB8-260-04-[]	2.60 (66,0)	3.75 (95,3)	7.8 (221)	144	102	1.40	51	50	1.40
SB8-270-04-[]	2.70 (68,6)	3.95 (100,3)	8.0 (227)	107	71	1.50	42	39	1.50
SB8-325-04-[]	3.25 (82,6)	4.25 (108,0)	8.7 (247)	78	49	2.05	29	27	2.05

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:

- MOUNTING HOLE TOLERANCES: ± 0.010 (± 0.25 mm).
- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
- SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- ADD .23lbs (.10kg) TO ISOLATOR WEIGHT FOR ALL-STAINLESS STEEL VERSIONS.

FEATURES:

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

MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
- SCREWS: 300 SERIES SS PASSIVATED IAW ASTM A967
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

SB8 - 255 - 04 - H - AM

MOUNTING HOLES

- SEE MOUNTING HOLE OPTIONS.
- ADD 'M' TO END OF P/N FOR METRIC MOUNTING HOLES.
- ADD 'L' TO END OF P/N FOR LOCKING INSERTS. (N/A FOR SS BARS)

BAR MATERIAL/FINISH

- [] = 6061-T6 ALUM ALLOY/CHEM FILM IAW MIL-DTL-5541, TYPE II, CLASS 3.
- [H] = 6061-T6 ALUM ALLOY/ANODIZED IAW MIL-A-8625, TYPE II CLASS 1.
- [S] = 300 SERIES SS/PASSIVATED IAW ASTM A967.

NO. OF LOOPS

- 4 LOOPS STANDARD FOR THE SB8 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

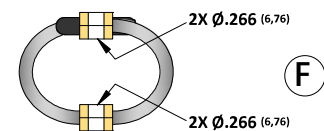
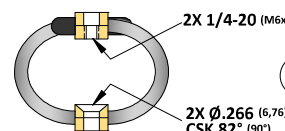
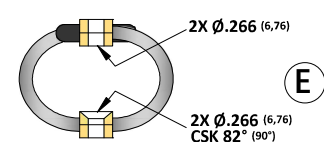
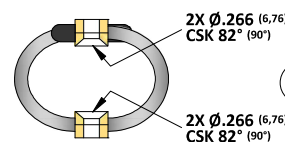
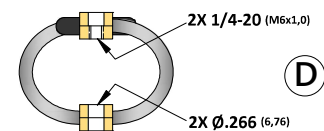
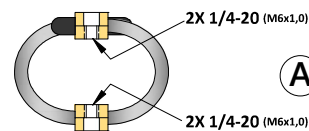
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



1/4" DIAMETER CABLE

Helical Isolator

