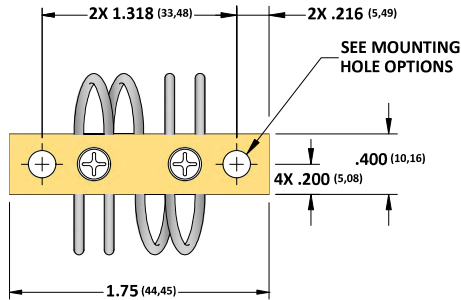


PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT oz (gms)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.03	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB2-070-04-[]	0.70 (17,8)	1.00 (25,4)	0.3 (8)	40	32	.30	13	23	.30
SB2-080-04-[]	0.80 (20,3)	1.10 (27,9)	0.3 (9)	33	28	.40	11	20	.40
SB2-100-04-[]	1.00 (25,4)	1.20 (30,5)	0.4 (10)	18	15	.60	4	11	.60
SB2-110-04-[]	1.10 (27,9)	1.30 (33,0)	0.4 (11)	12	9	.70	3	10	.70
SB2-120-04-[]	1.20 (30,5)	1.40 (35,6)	0.4 (12)	10	7	.80	2	8	.80
SB2-130-04-[]	1.30 (33,0)	1.50 (38,1)	0.5 (14)	8	6	.90	2	3	.90

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 .54oz (.02kg) 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: $C/C_c \approx .15-.20$
- LONG LIFE AND MAINTENANCE FREE

MATERIALS/FINISHES:

- CABLE: 300 SERIES SS PER MIL-W-83420 OR RR-W-410
- SCREWS: 300 SERIES SS PER MS51959-12
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

SB2 - 110 - 04 - H - A

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 SB2 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

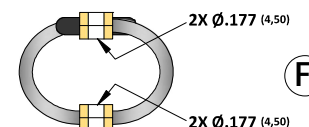
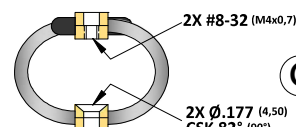
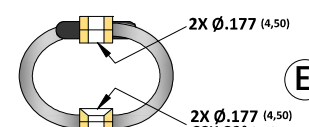
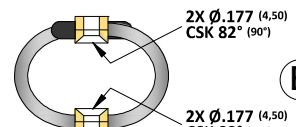
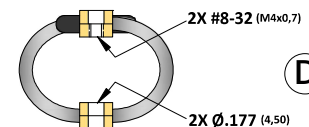
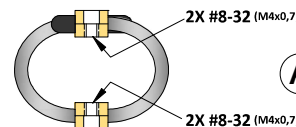
MODEL SIZE

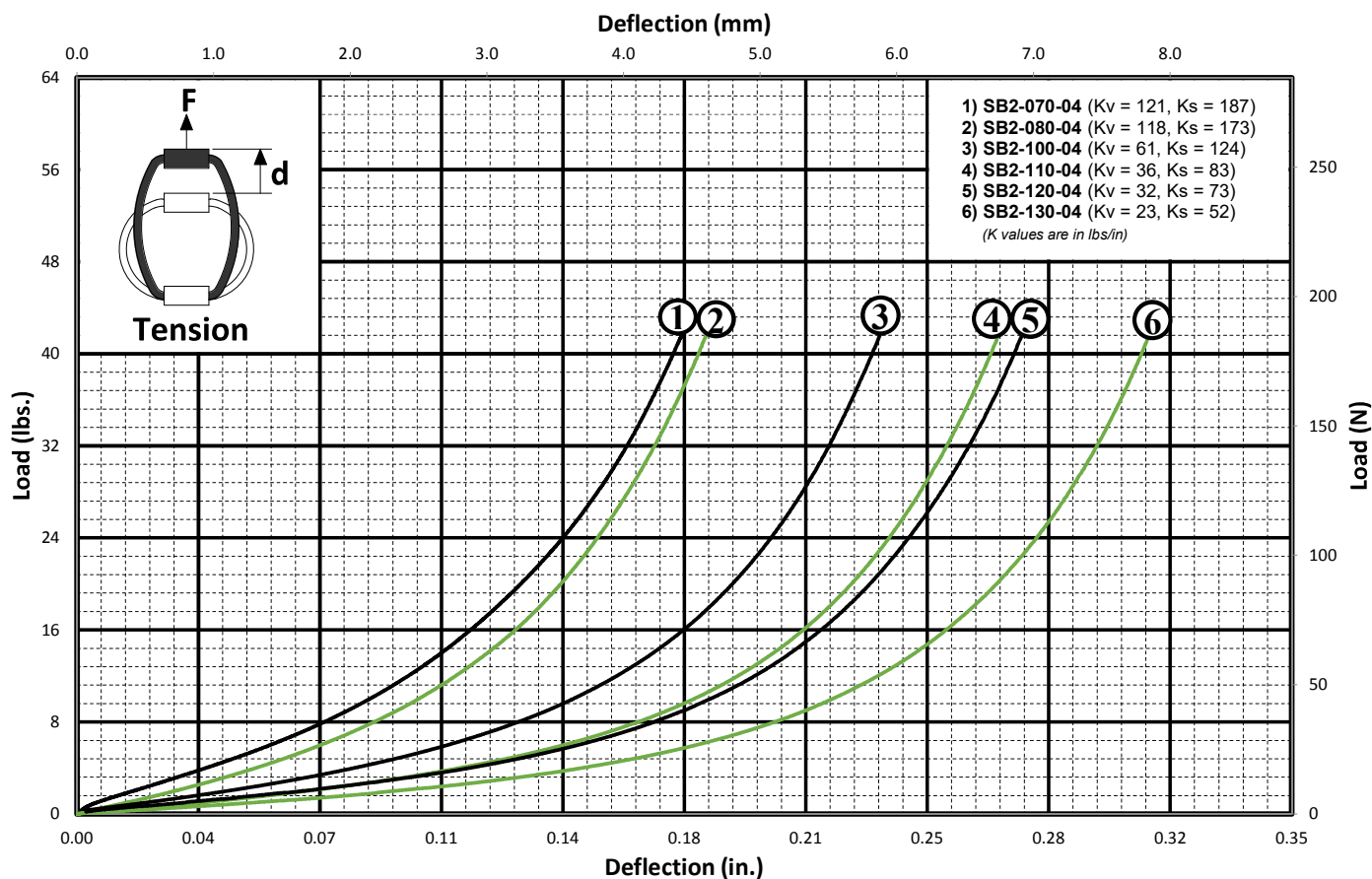
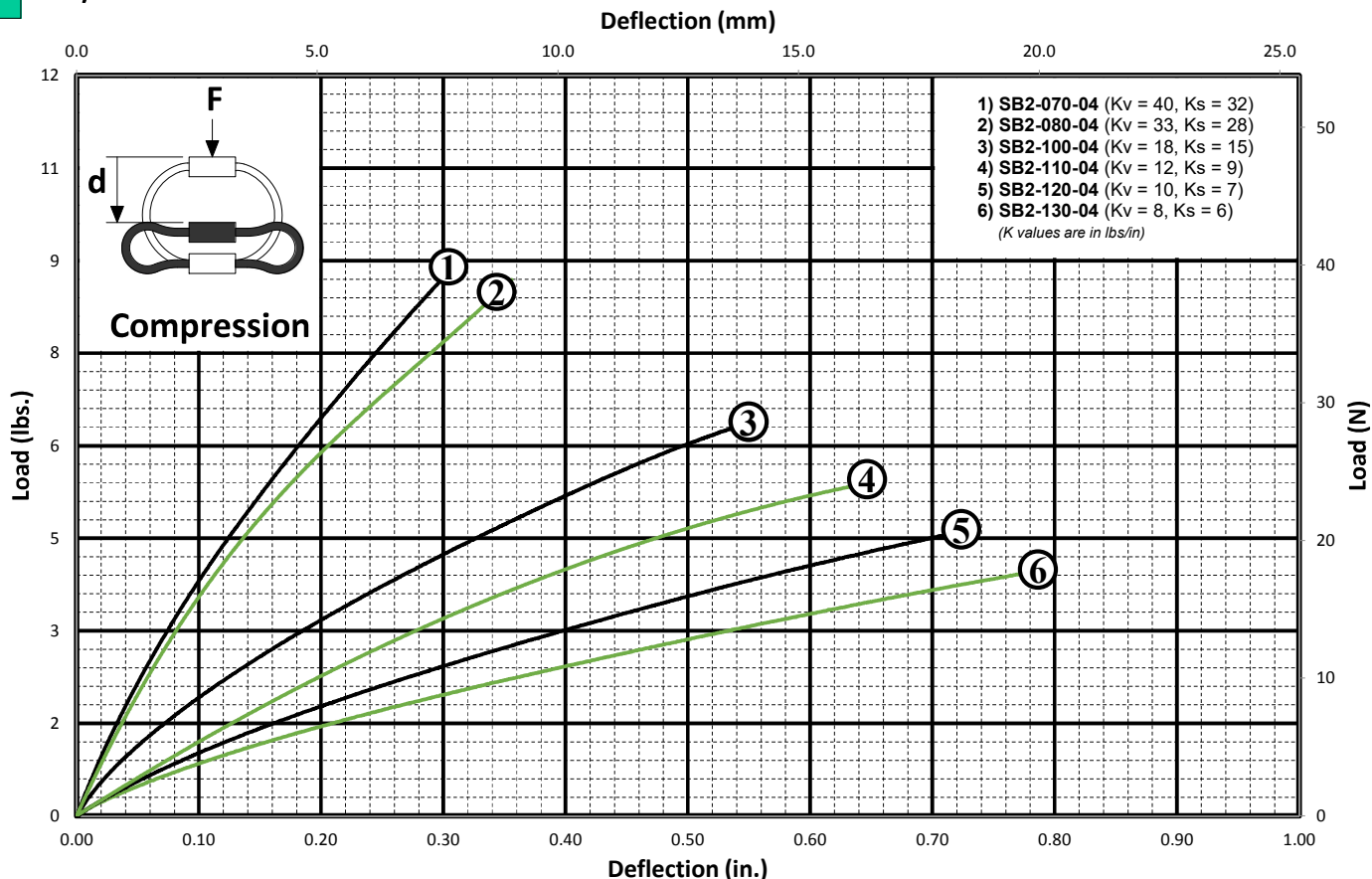
- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

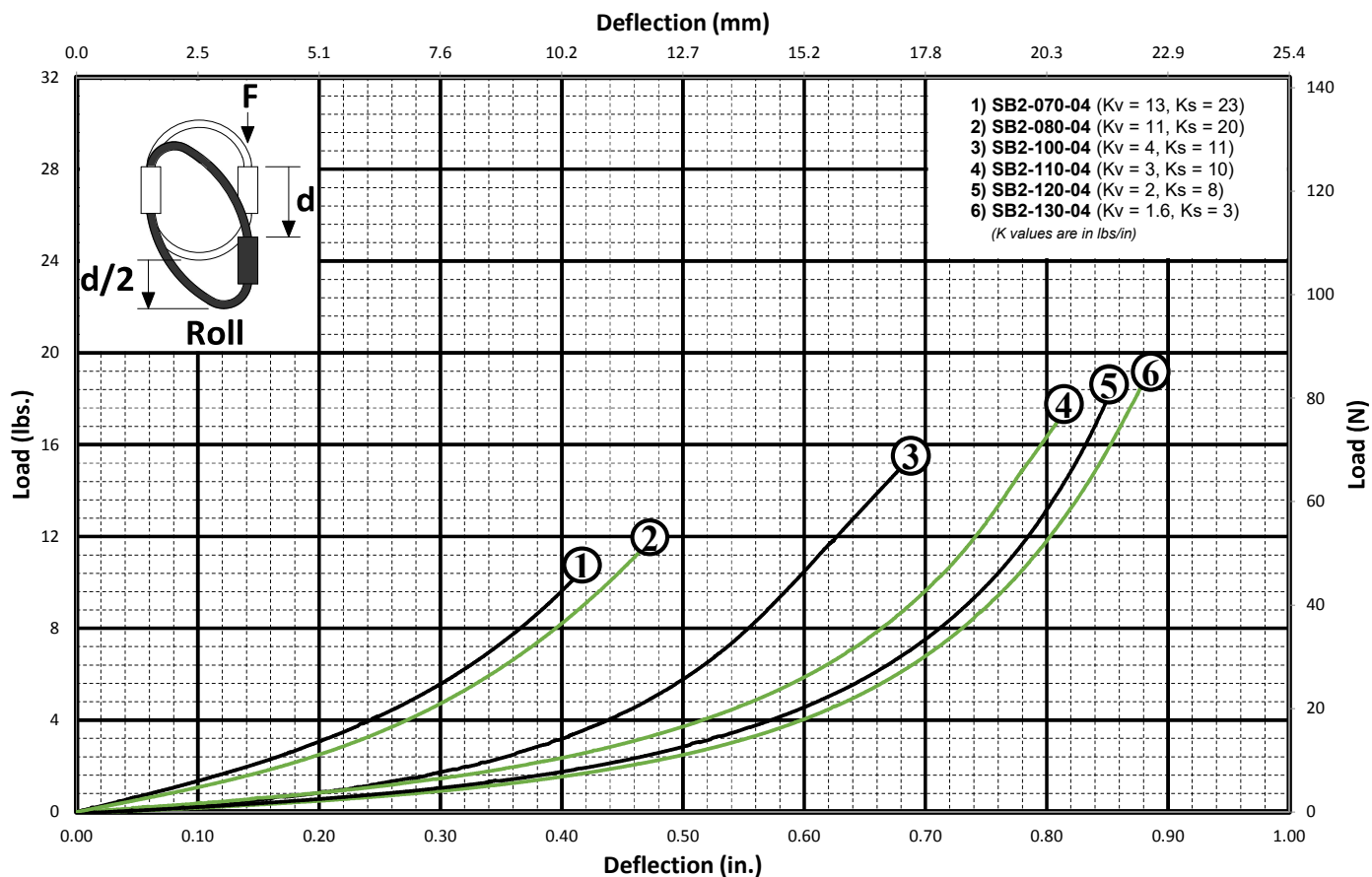
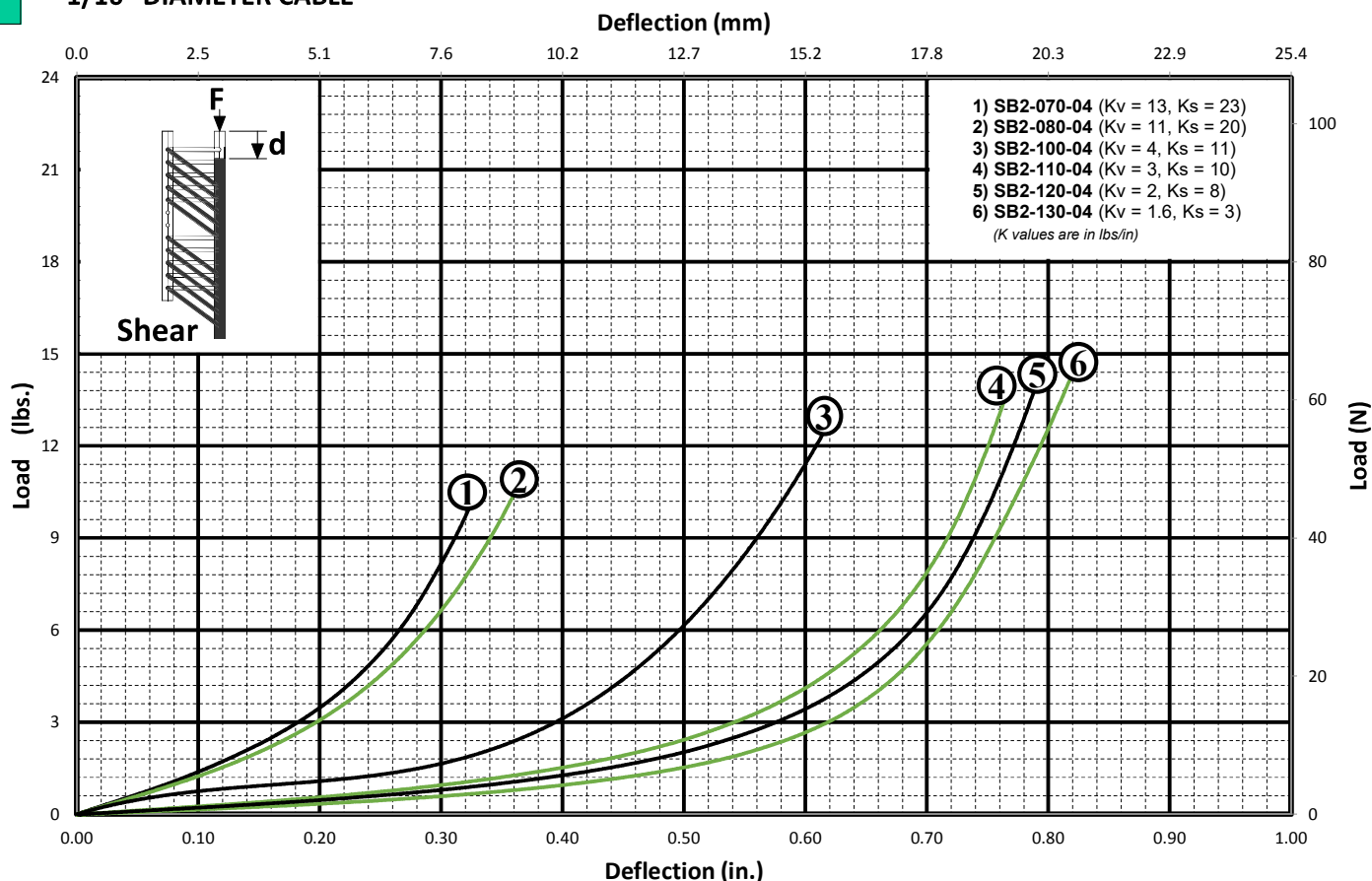
MOUNTING HOLE OPTIONS





1/16" DIAMETER CABLE

Helical Isolator



1/16" DIAMETER CABLE

Helical Isolator

