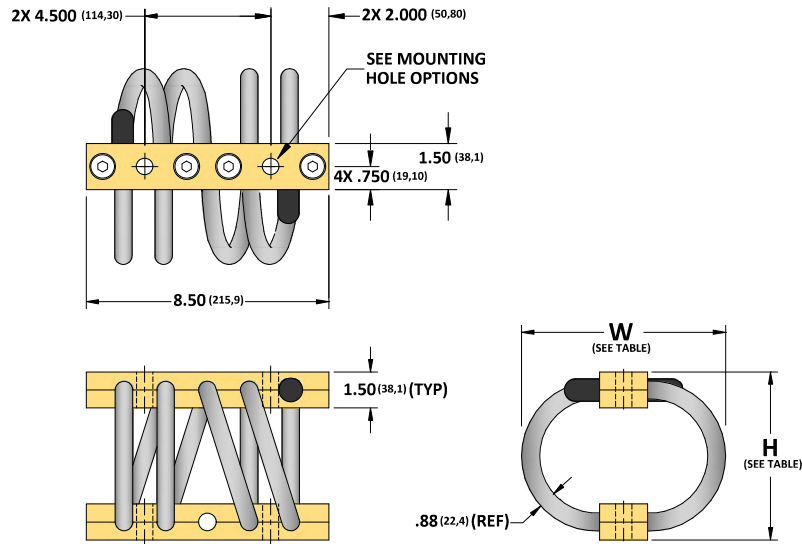




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB28-525-04-[]	5.25 (133,4)	6.75 (171,5)	10.00 (4.54)	3121	2069	1.80	988	1070	1.80
SB28-600-04-[]	6.00 (152,4)	7.00 (177,8)	10.65 (4.84)	2762	1859	2.60	792	880	2.60
SB28-625-04-[]	6.25 (158,8)	7.25 (184,2)	10.82 (4.91)	2100	1378	2.80	695	776	2.80
SB28-700-04-[]	7.00 (177,8)	7.75 (196,9)	11.93 (5.42)	1475	948	3.50	390	432	3.50
SB28-750-04-[]	7.50 (190,5)	8.25 (209,6)	12.55 (5.70)	1267	678	4.00	330	365	4.00
SB28-850-04-[]	8.50 (215,9)	9.25 (235,0)	13.44 (6.10)	921	443	5.00	235	250	5.00

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 4.51lbs (2.05kg) 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 PASSIVATED IAW ASTM A967
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

SB28 - 625 - 04 - S - 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 SB28 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

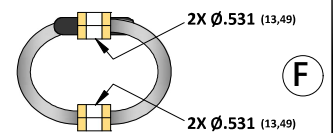
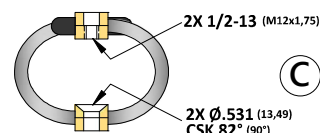
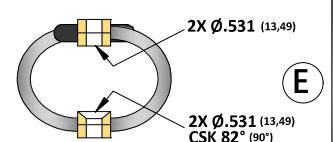
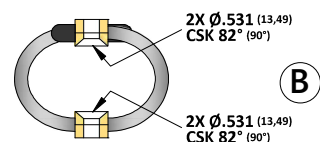
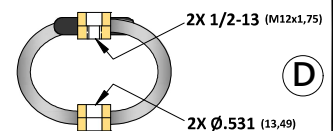
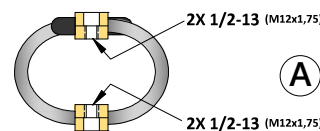
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

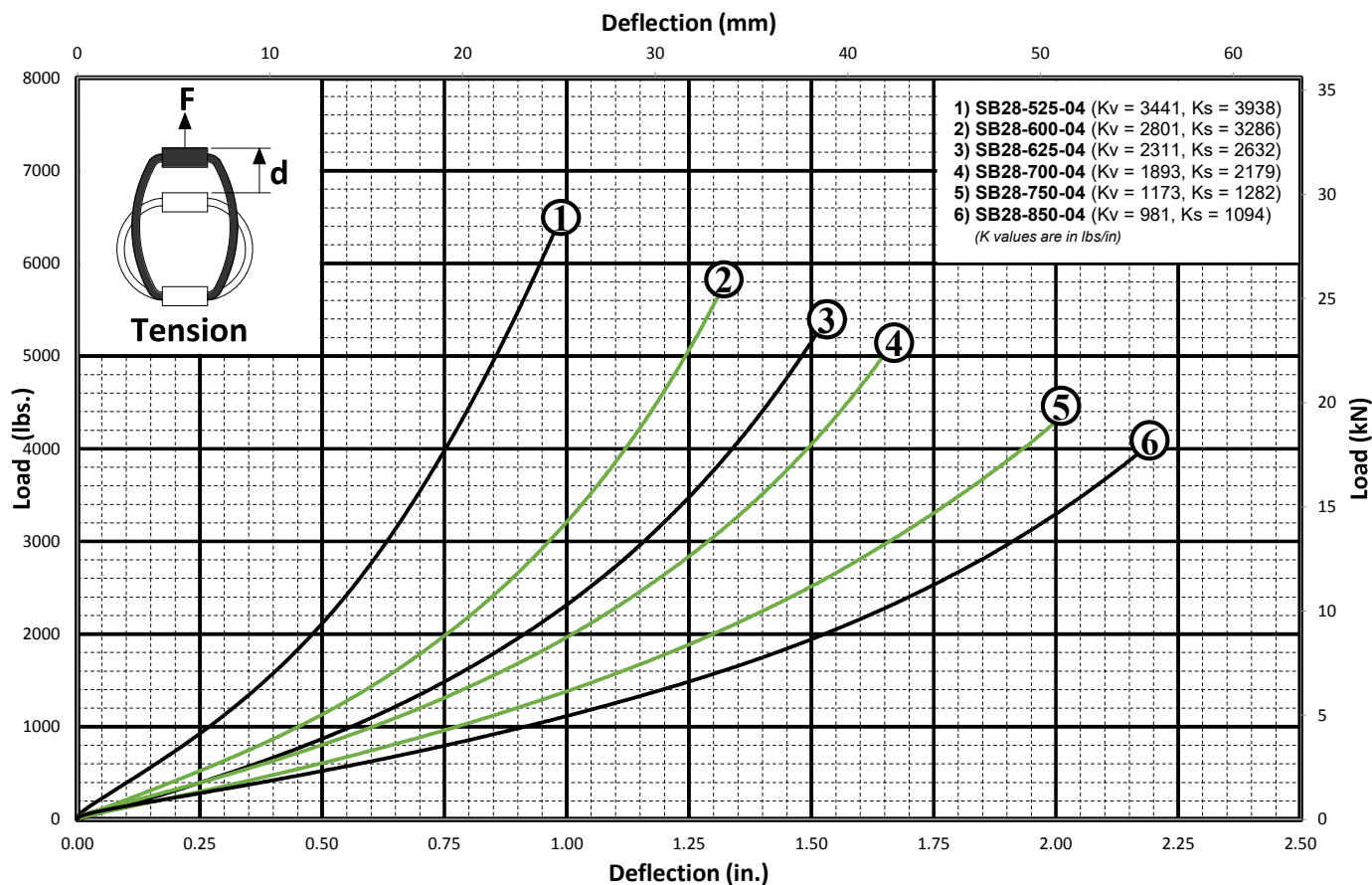
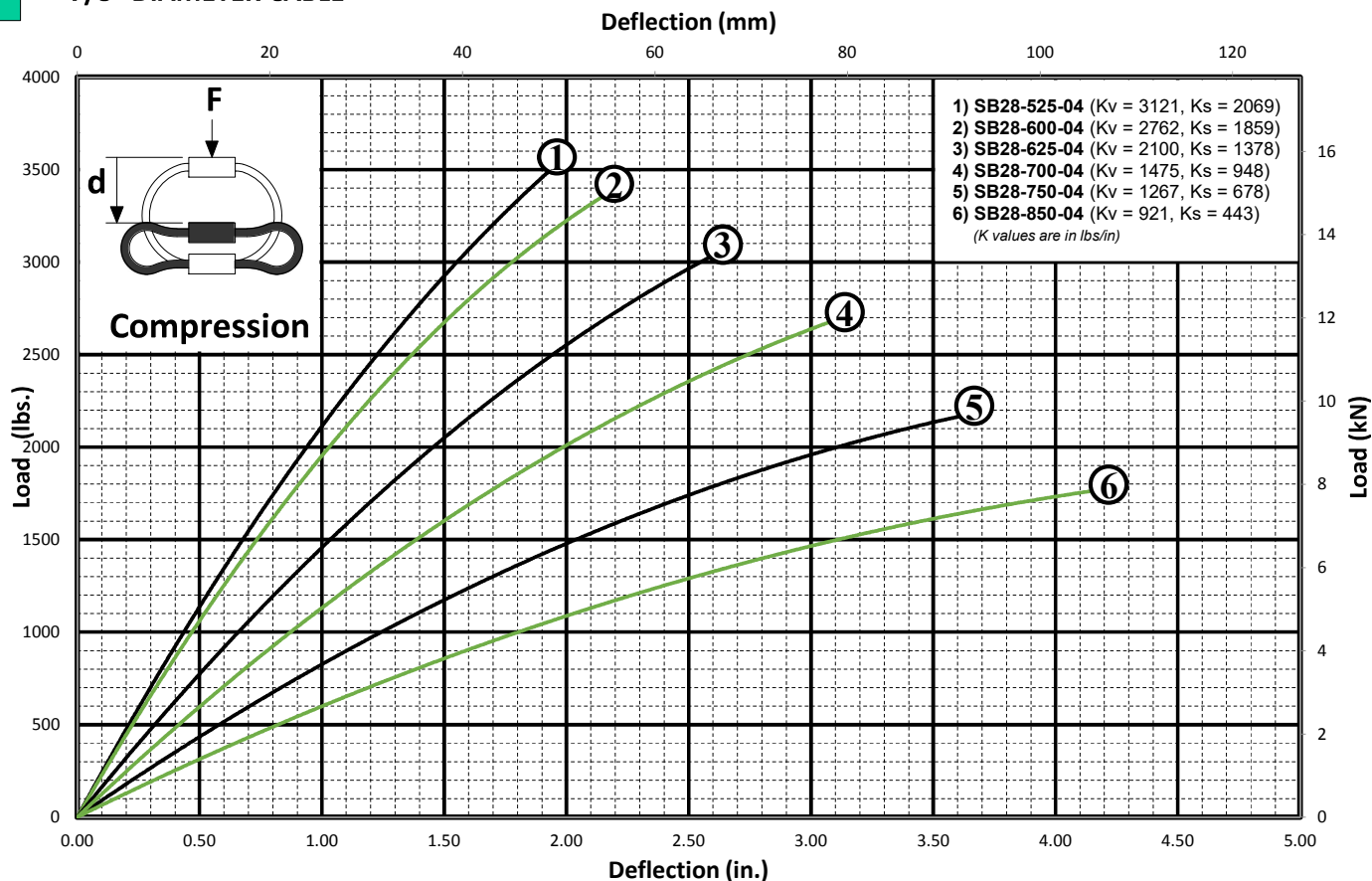
- CABLE DIAMETER IN 32NDS

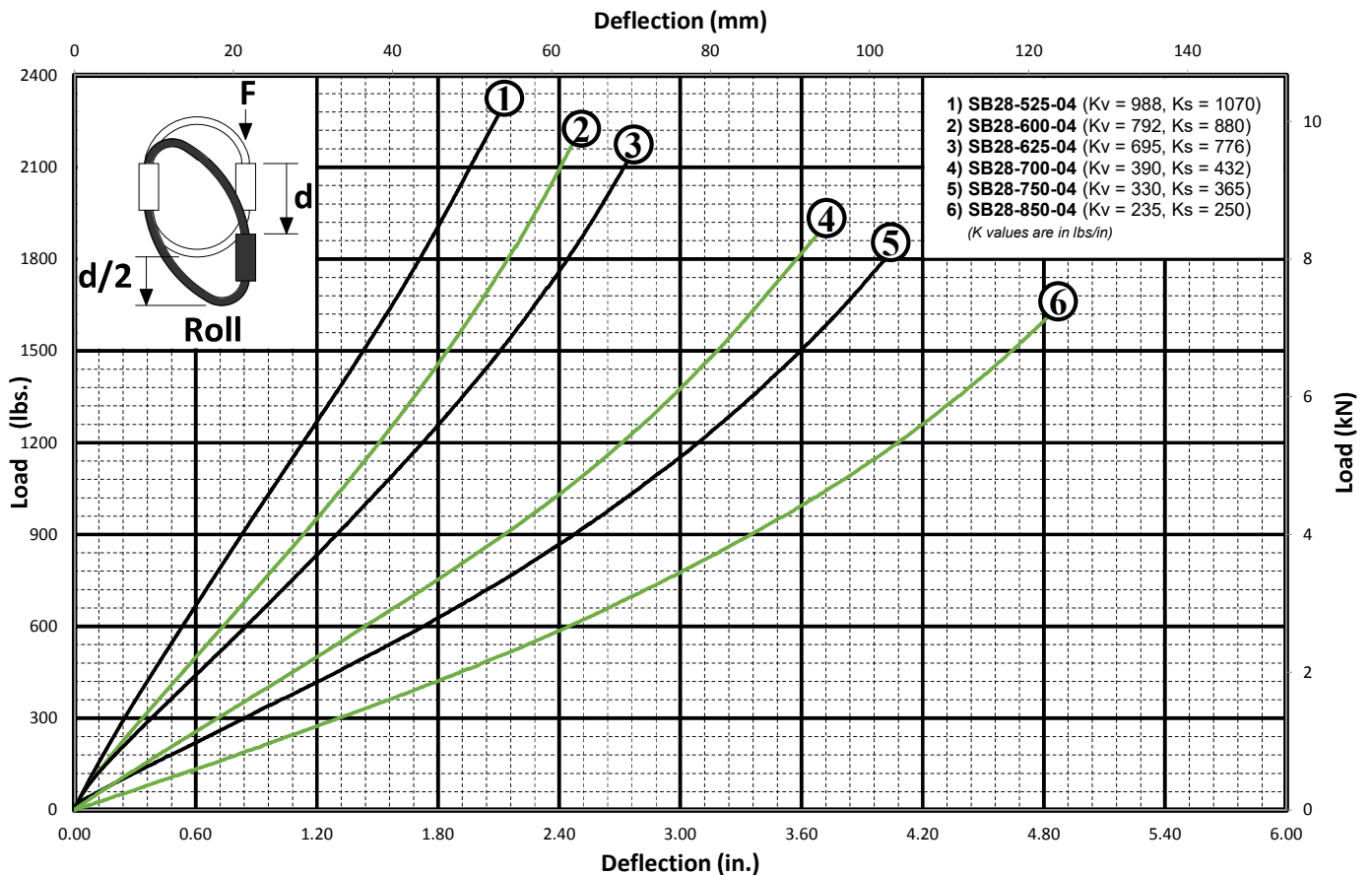
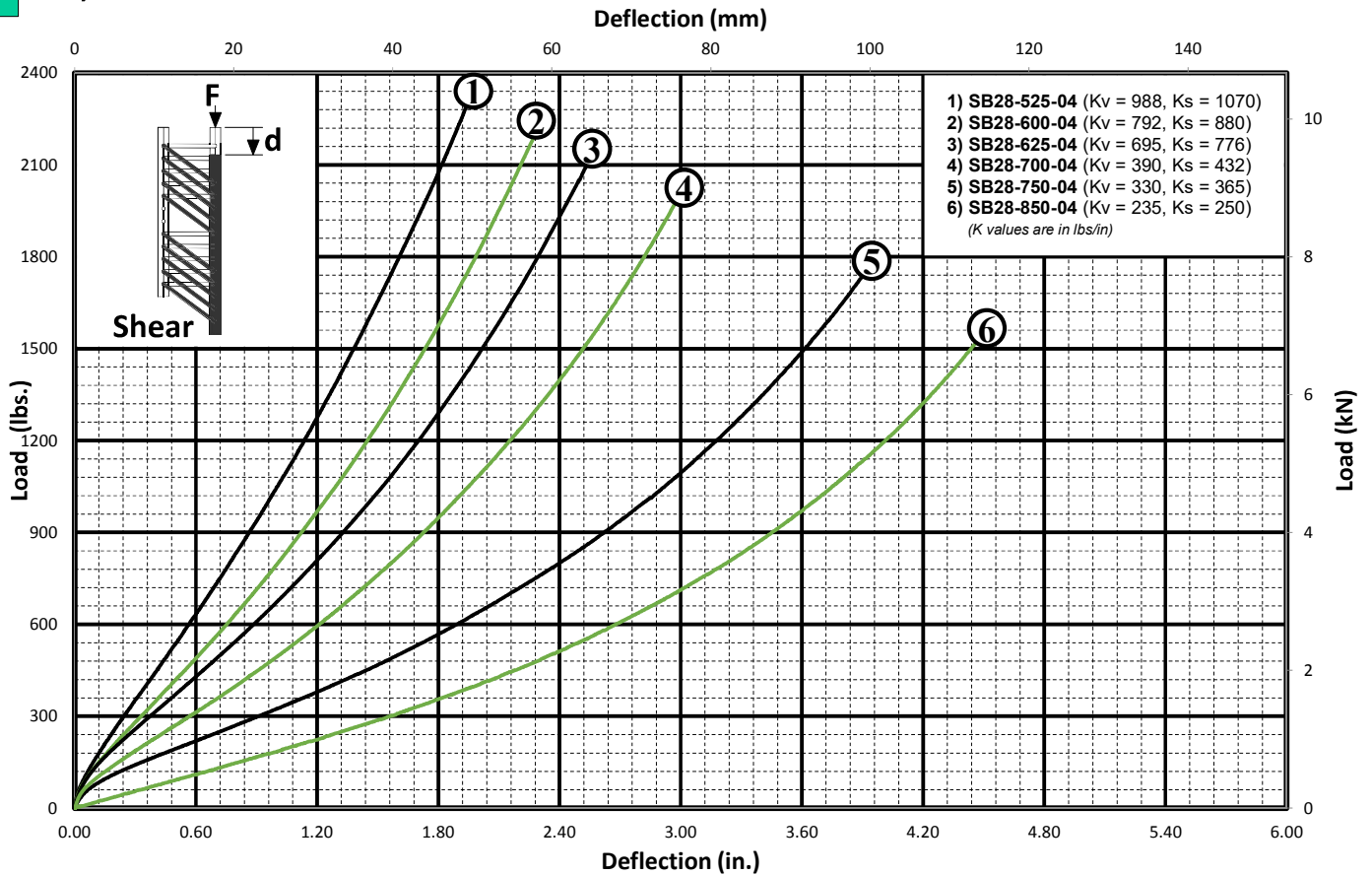
MOUNTING HOLE OPTIONS



7/8" DIAMETER CABLE

Helical Isolator





7/8" DIAMETER CABLE

Helical Isolator

