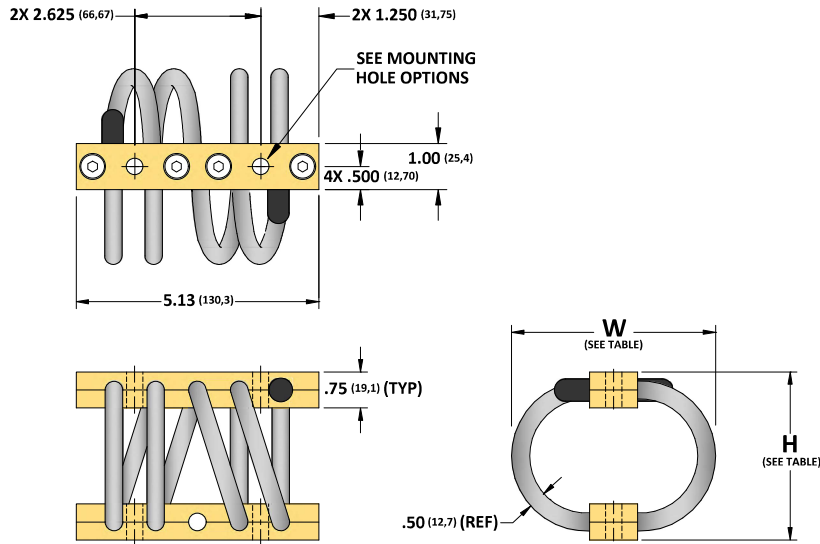




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB16-325-04-[]	3.25 (82,6)	4.00 (101,9)	1.86 (.84)	1243	838	1.40	643	488	1.40
SB16-350-04-[]	3.50 (88,9)	4.13 (104,9)	1.87 (.85)	1178	748	1.65	359	409	1.65
SB16-375-04-[]	3.75 (95,3)	4.75 (120,7)	2.05 (.93)	878	522	1.90	262	297	1.90
SB16-425-04-[]	4.25 (108,0)	5.25 (133,4)	2.30 (1.04)	544	328	2.40	166	191	2.40
SB16-490-04-[]	4.90 (124,5)	5.65 (143,5)	2.50 (1.14)	387	227	3.05	125	145	3.05
SB16-540-04-[]	5.40 (137,2)	6.13 (157,7)	2.71 (1.23)	275	173	3.55	86	118	3.55
SB16-610-04-[]	6.10 (154,9)	7.10 (180,3)	3.08 (1.40)	200	110	4.25	47	70	4.25

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 .91lbs (.41kg) 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

SB16 - 425 - 04 - H - B

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 SB16 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

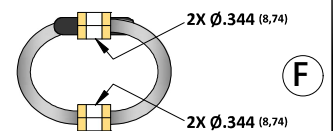
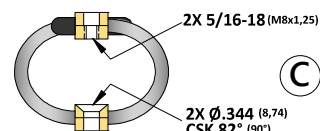
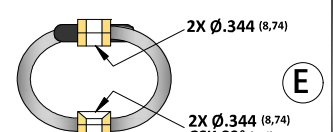
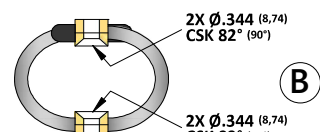
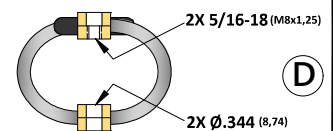
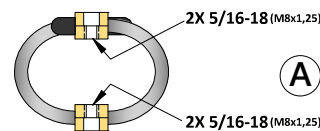
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

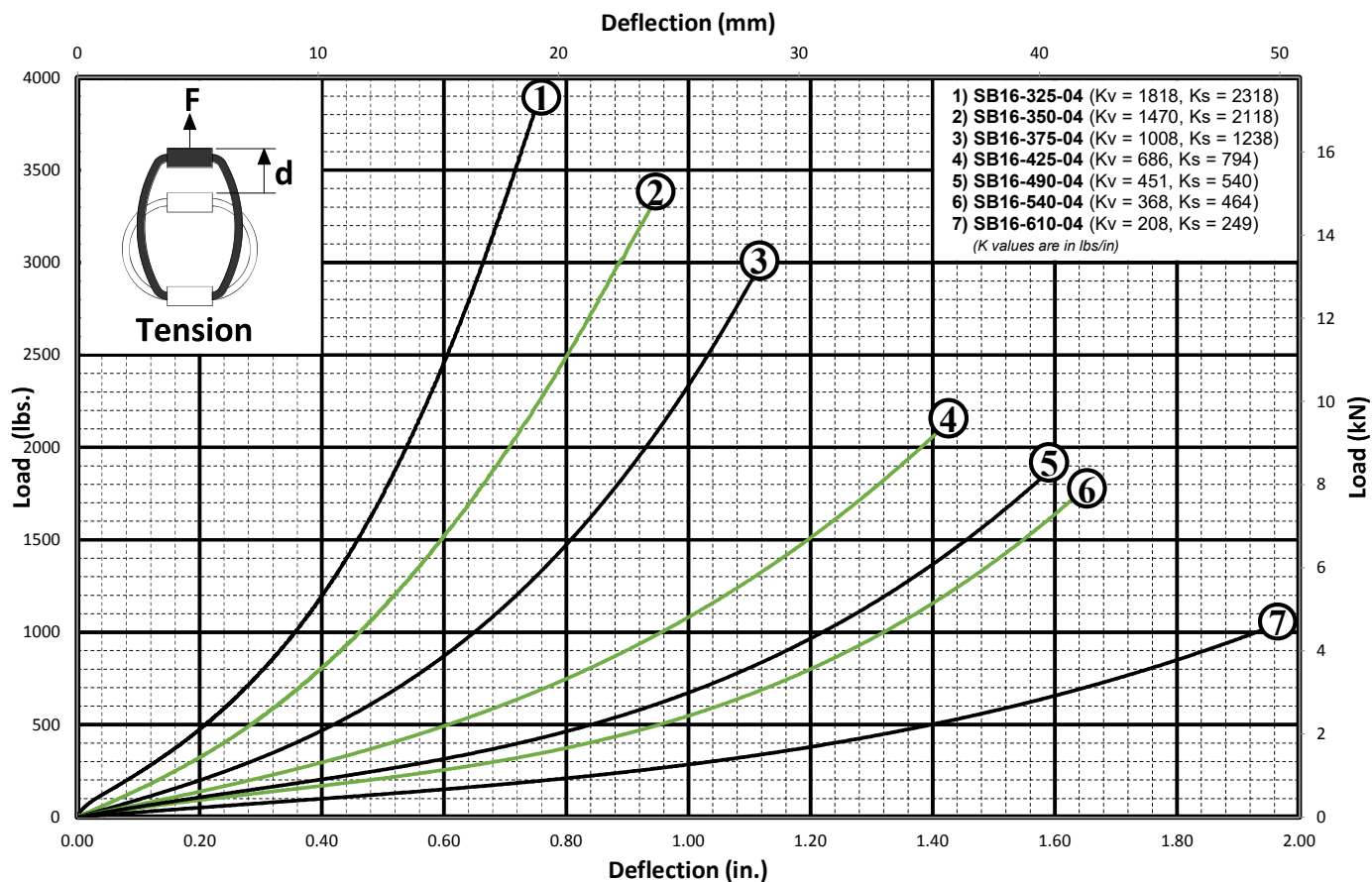
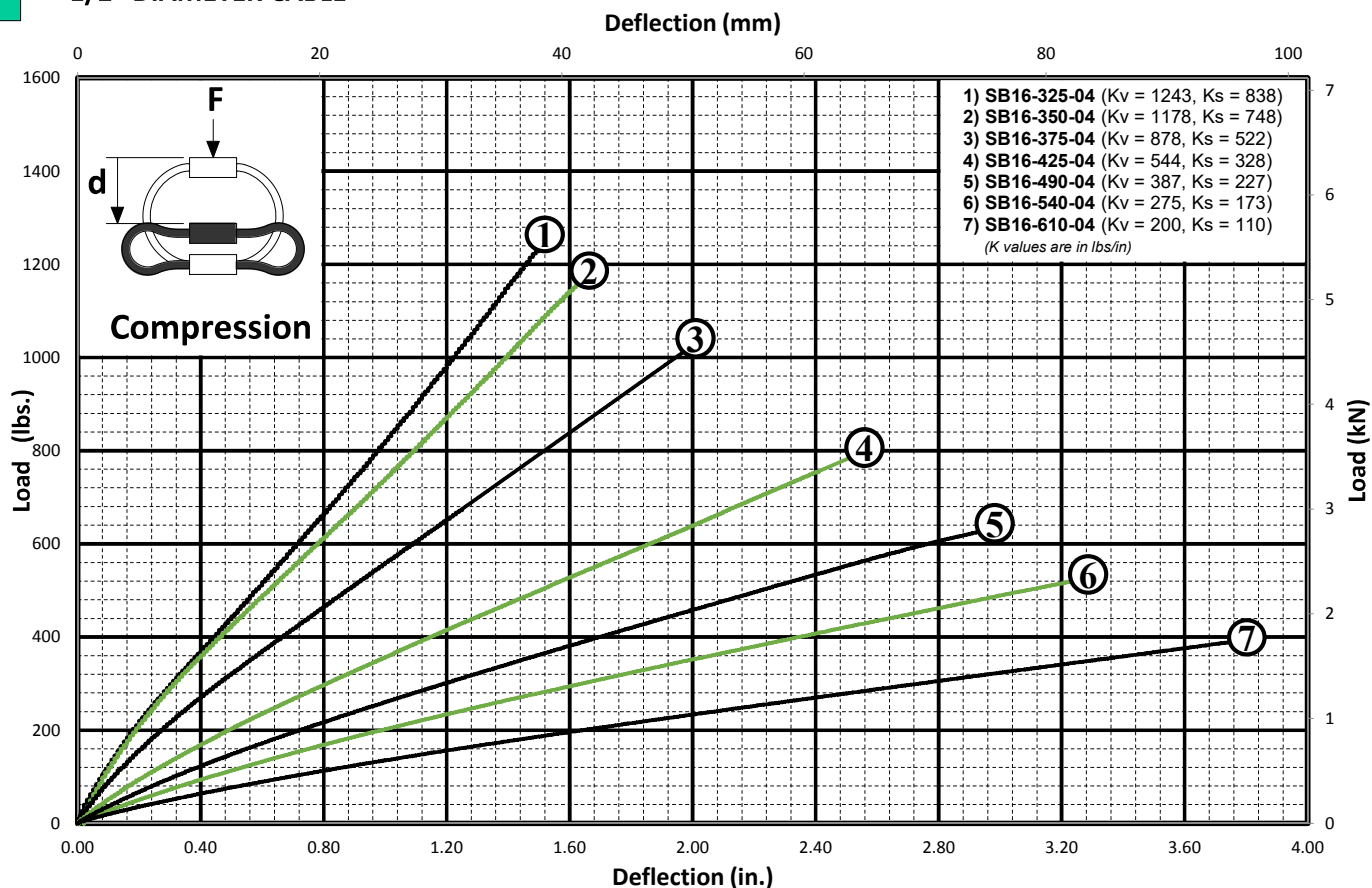
- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



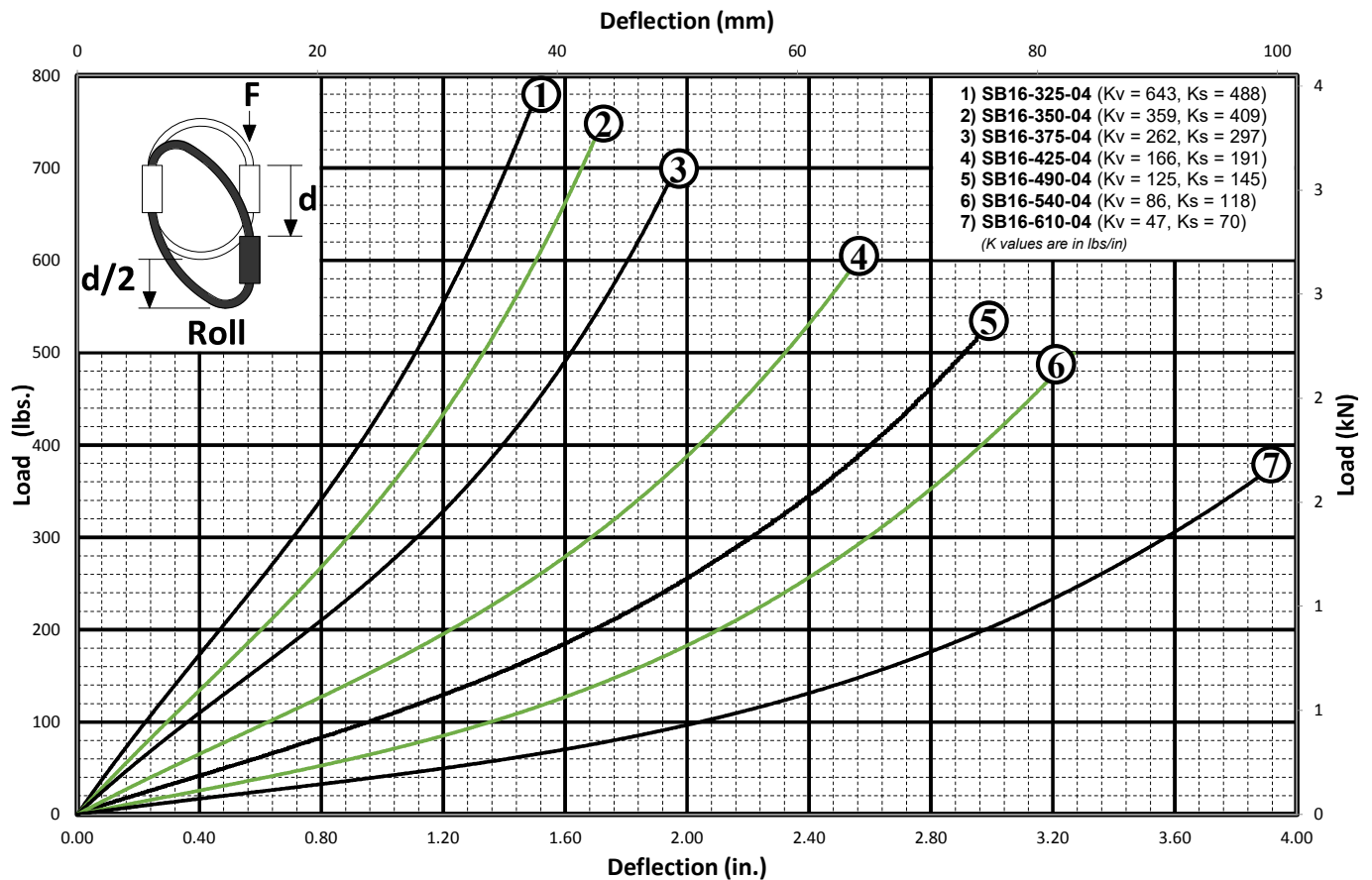
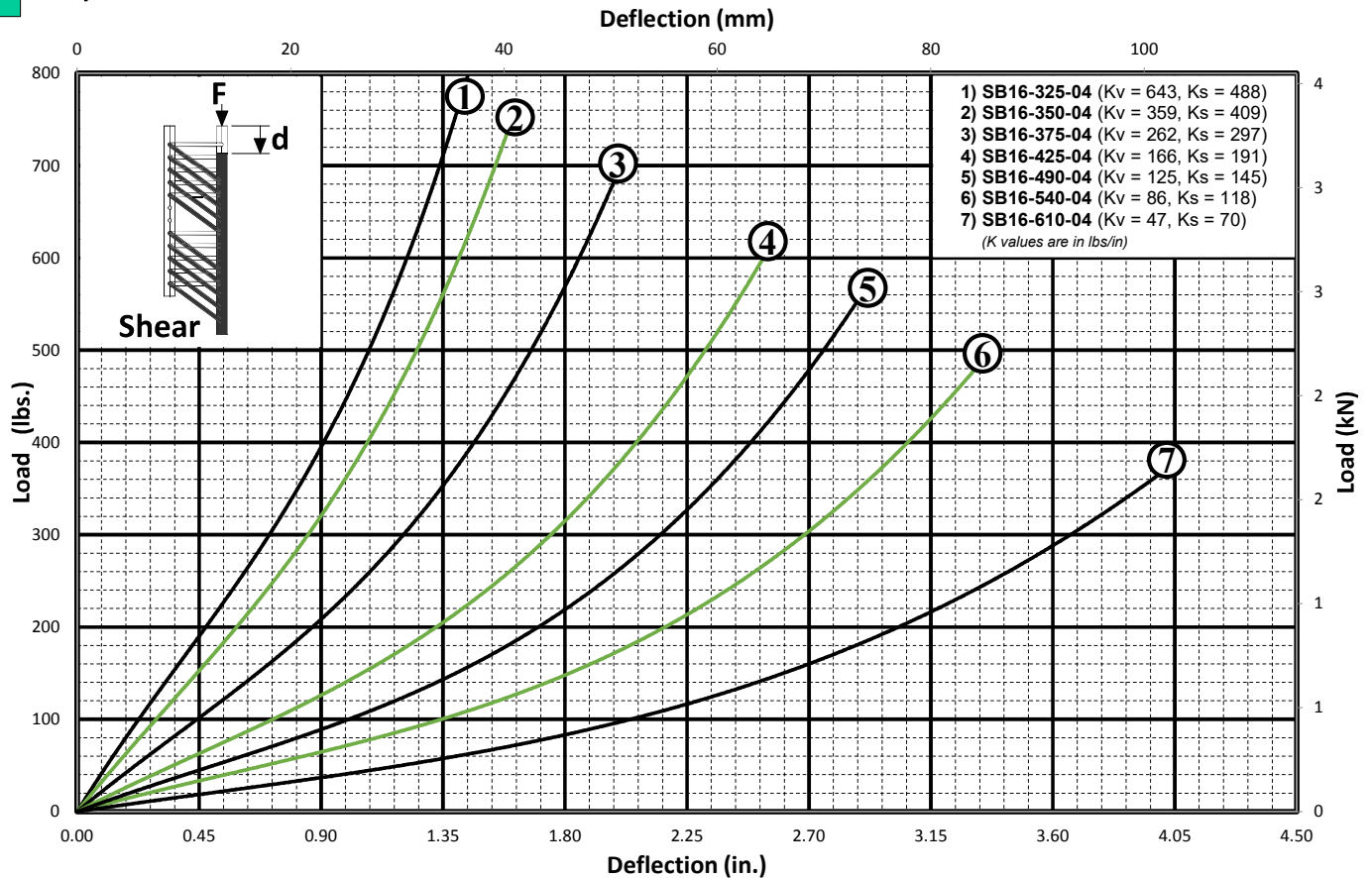
1/2" DIAMETER CABLE

Helical Isolator



1/2" DIAMETER CABLE

Helical Isolator



1/2" DIAMETER CABLE

Helical Isolator

