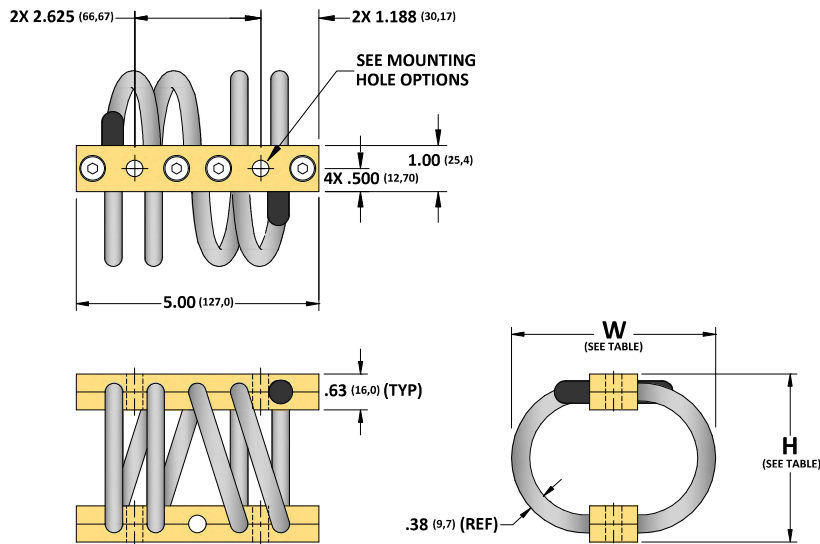




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H $\pm .03$	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
SB12-280-04-[]	2.80 (71,1)	3.31 (84,1)	1.16 (.53)	861	548	1.25	253	366	1.25
SB12-290-04-[]	2.90 (73,7)	3.50 (88,9)	1.18 (.54)	751	468	1.35	224	265	1.35
SB12-300-04-[]	3.00 (76,2)	4.13 (104,9)	1.27 (.58)	661	385	1.45	213	230	1.45
SB12-325-04-[]	3.25 (82,6)	4.25 (108,0)	1.32 (.60)	534	315	1.70	211	202	1.70
SB12-350-04-[]	3.50 (88,9)	4.25 (108,0)	1.36 (.62)	510	278	1.95	163	177	1.95
SB12-413-04-[]	4.13 (104,9)	4.75 (120,7)	1.50 (.68)	324	182	2.60	75	125	2.60
SB12-425-04-[]	4.25 (108,0)	5.50 (139,7)	1.63 (.74)	240	128	2.70	71	79	2.70

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 .86lbs (.39kg) 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

SB12 - 325 - 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 SB12 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

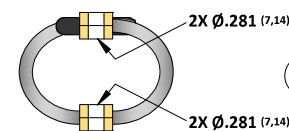
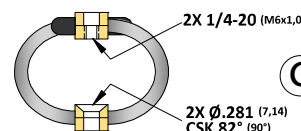
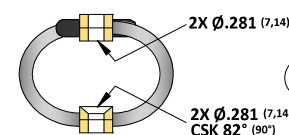
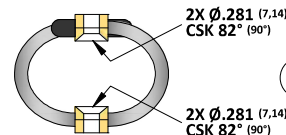
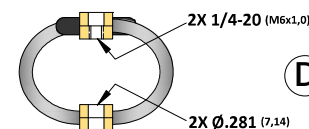
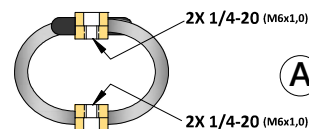
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

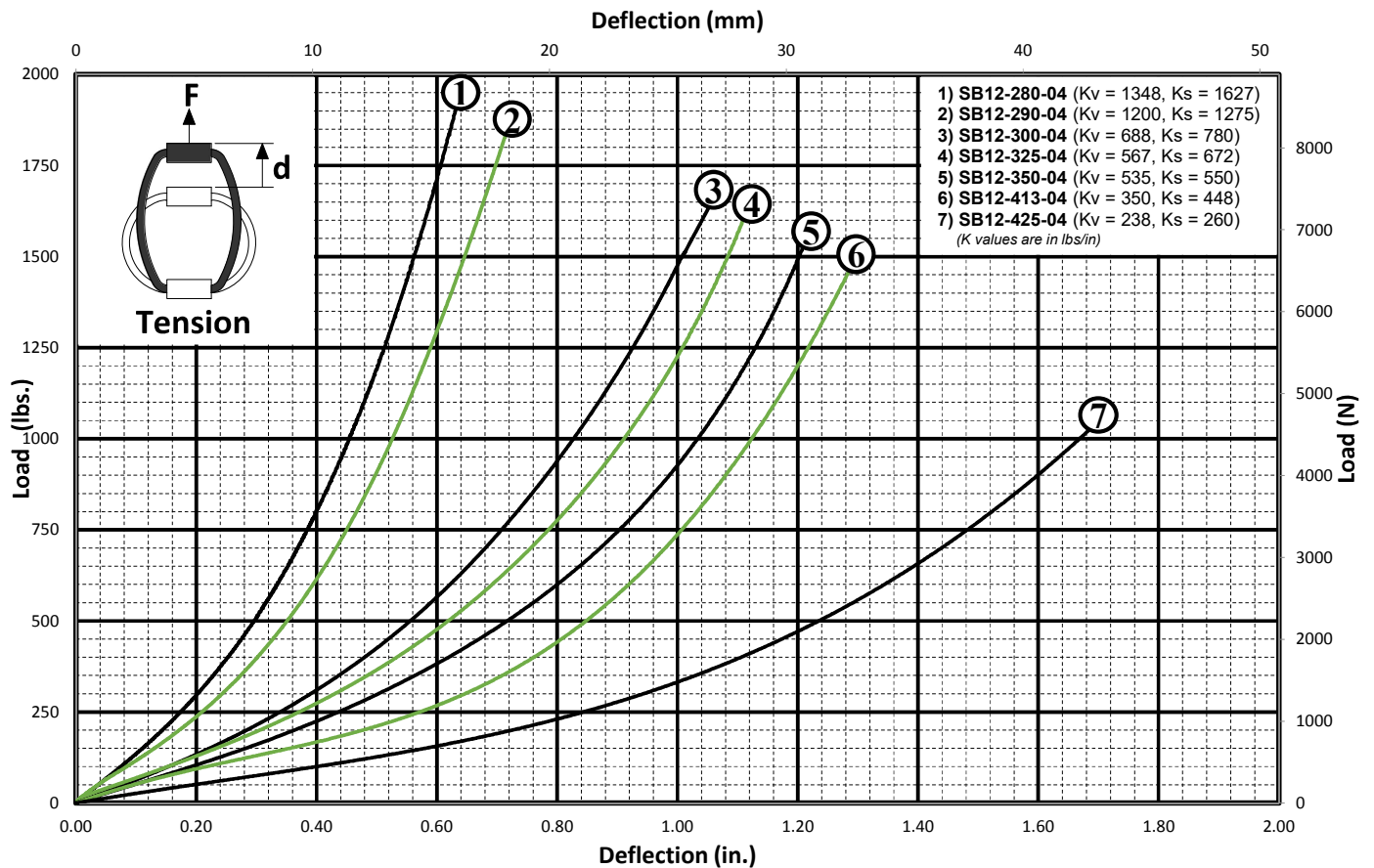
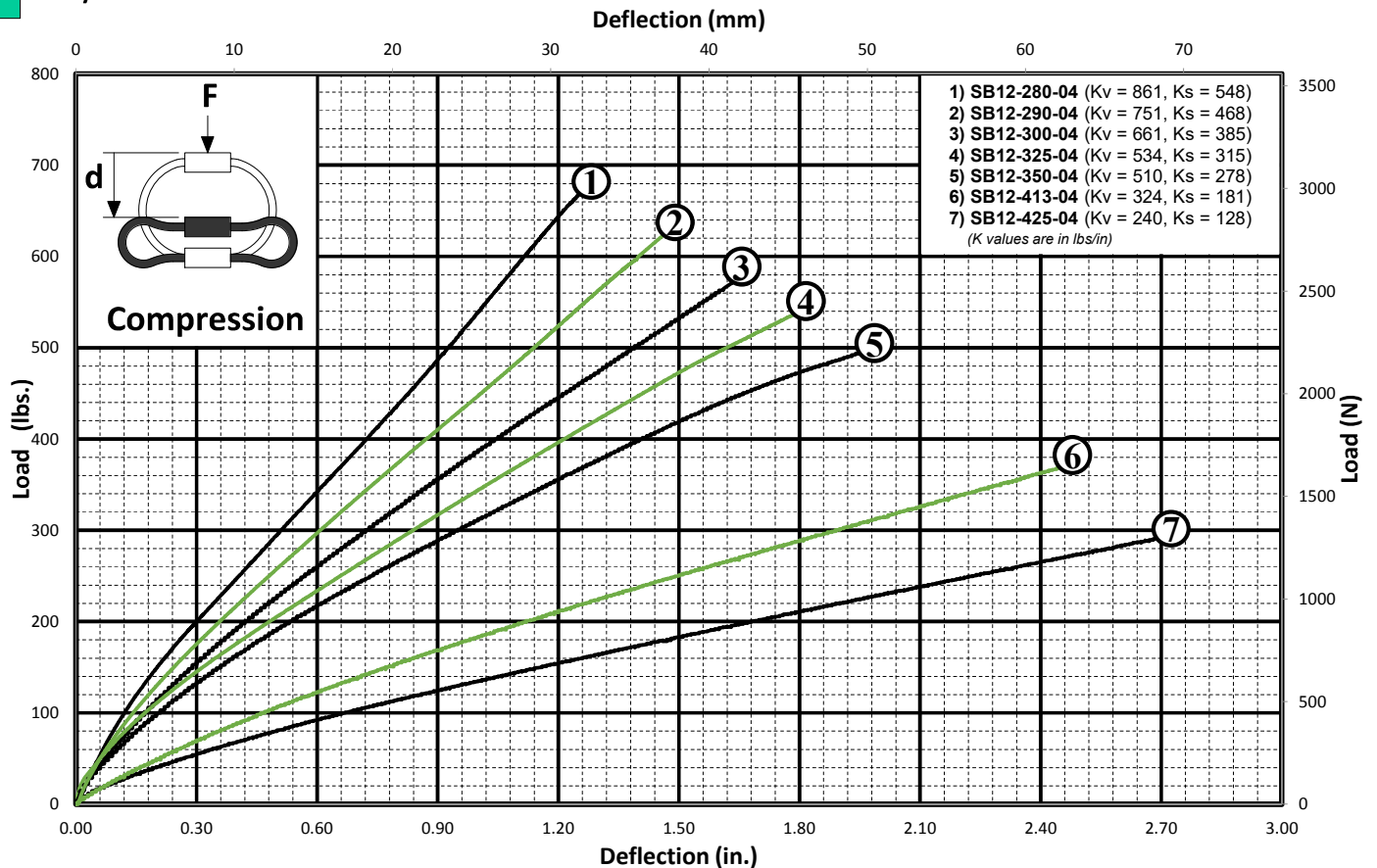
- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



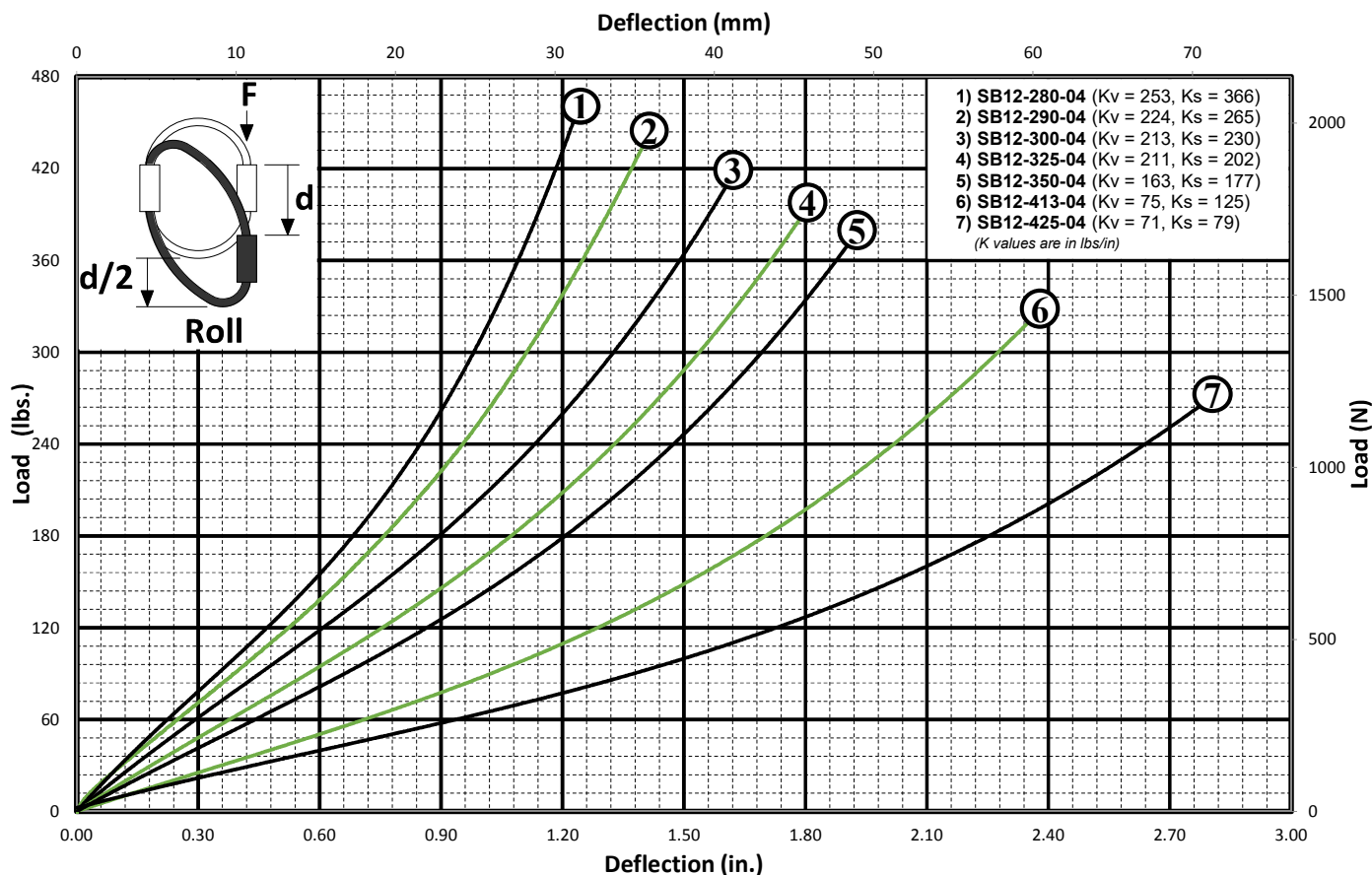
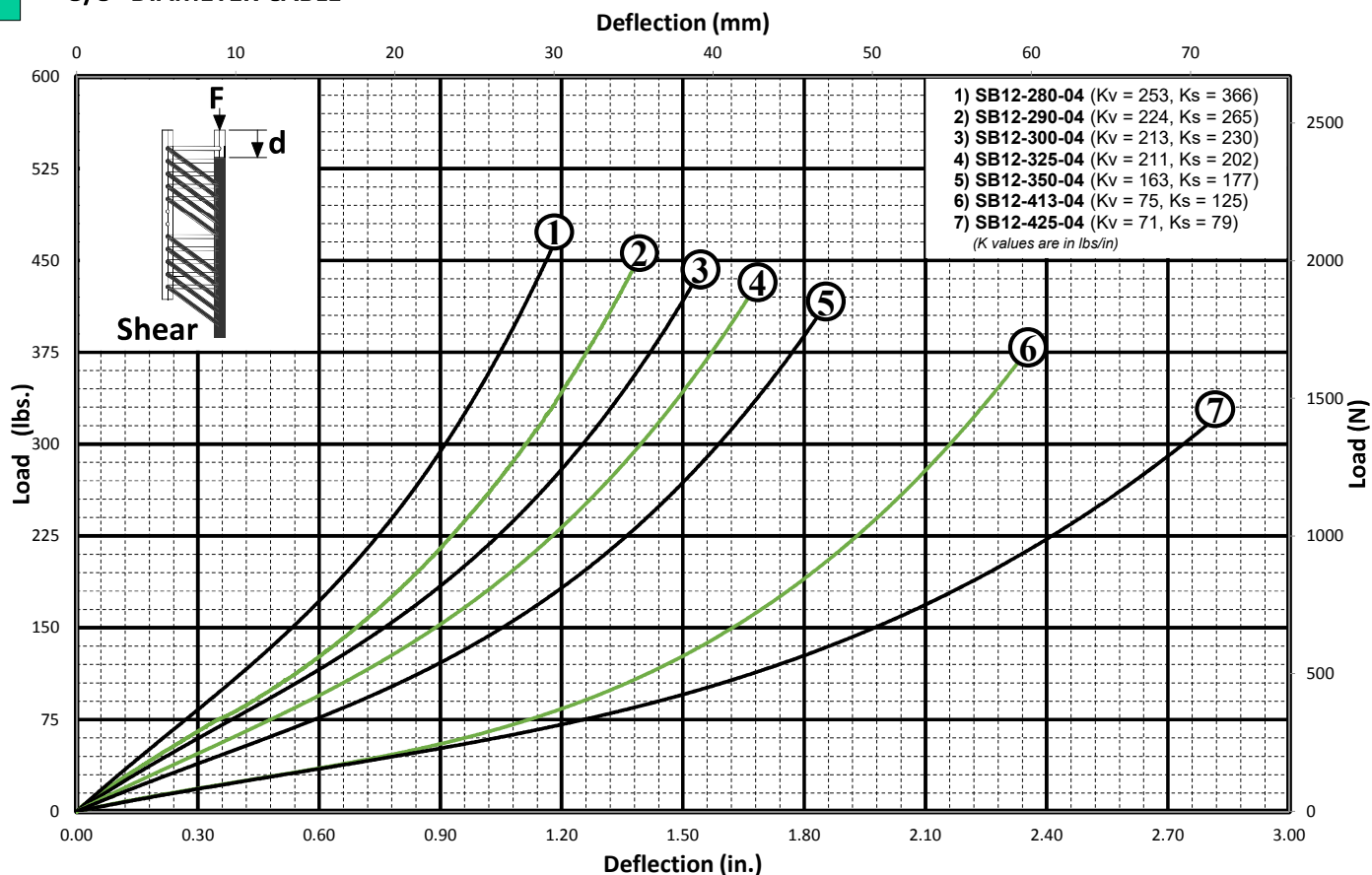
3/8" DIAMETER CABLE

Helical Isolator



3/8" DIAMETER CABLE

Helical Isolator



3/8" DIAMETER CABLE

Deflection (mm)

