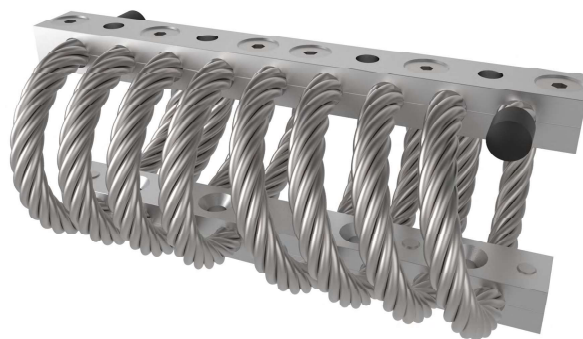
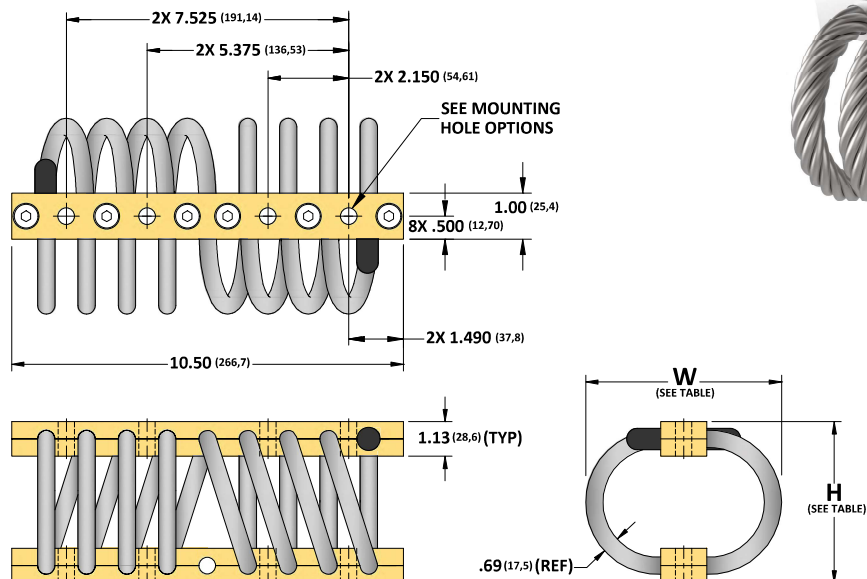




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
M22-360-08-[]	3.60 (91,4)	4.13 (104,9)	6.50 (2,95)	9950	5035	1.10	3110	2524	1.10
M22-400-08-[]	4.00 (101,6)	4.53 (115,1)	7.20 (3,27)	7931	3912	1.50	2122	1955	1.50
M22-440-08-[]	4.40 (111,8)	5.43 (137,9)	8.00 (3,63)	6287	2534	1.90	1373	1298	1.90
M22-480-08-[]	4.80 (121,9)	6.13 (155,7)	8.90 (4,04)	3646	1674	2.30	848	867	2.30
M22-510-08-[]	5.10 (129,5)	6.63 (168,4)	9.50 (4,31)	2920	1320	2.60	804	716	2.60
M22-540-08-[]	5.40 (137,1)	7.13 (181,1)	10.20 (4,63)	2646	1020	2.90	575	580	2.90
M22-610-08-[]	6.10 (154,9)	7.83 (198,9)	12.20 (5,53)	2149	715	3.60	361	397	3.60

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 2.83lbs (1.28kg) 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

M22 - 480 - 08 - - 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

- 8 LOOPS STANDARD FOR THE M22 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

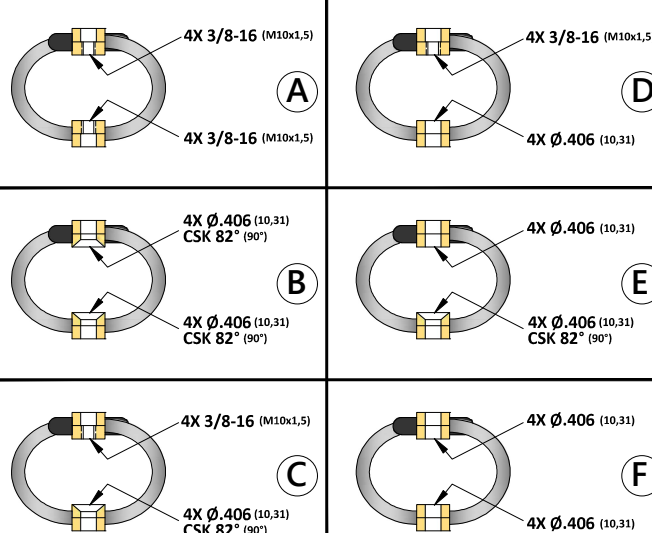
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



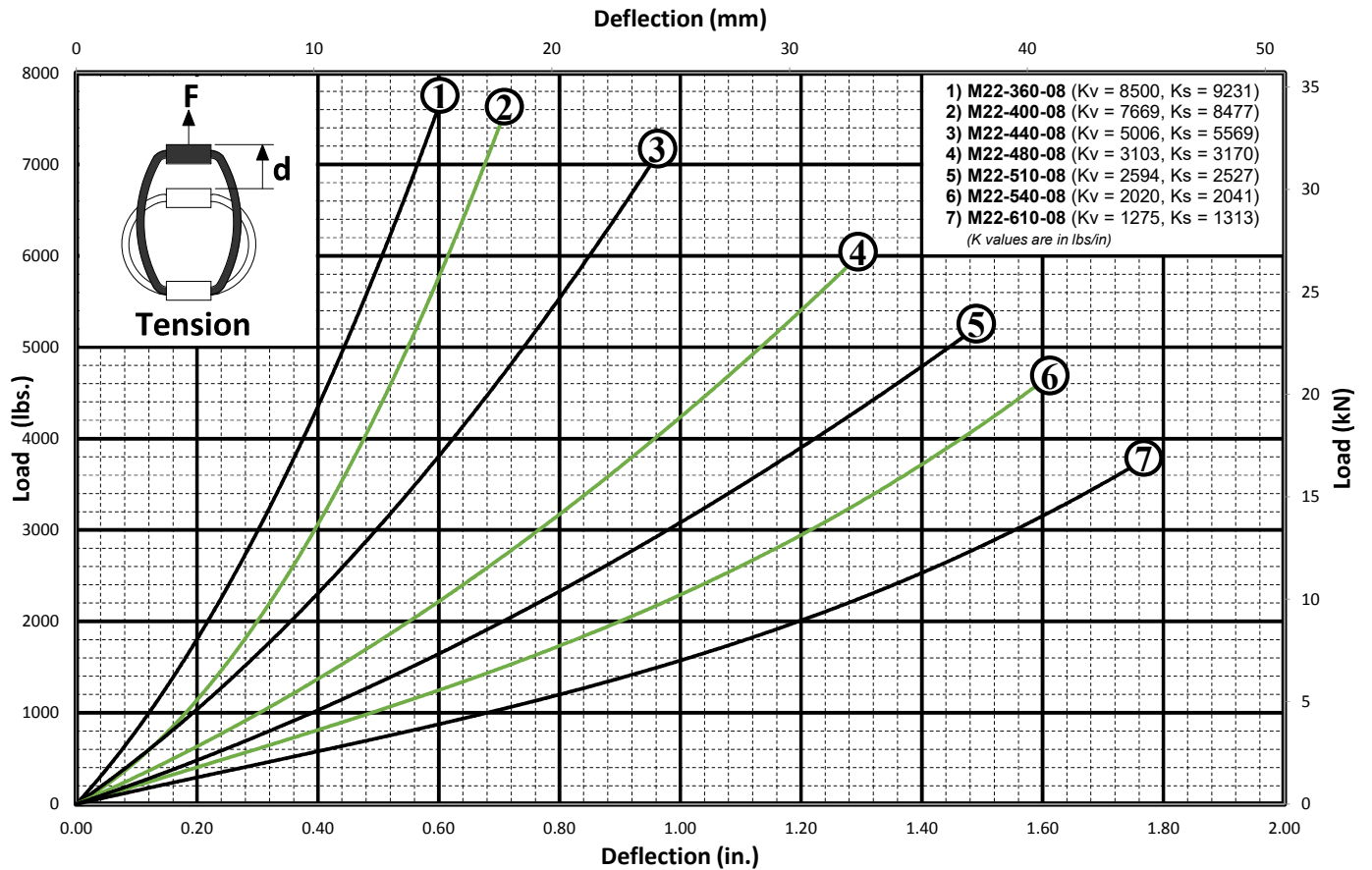
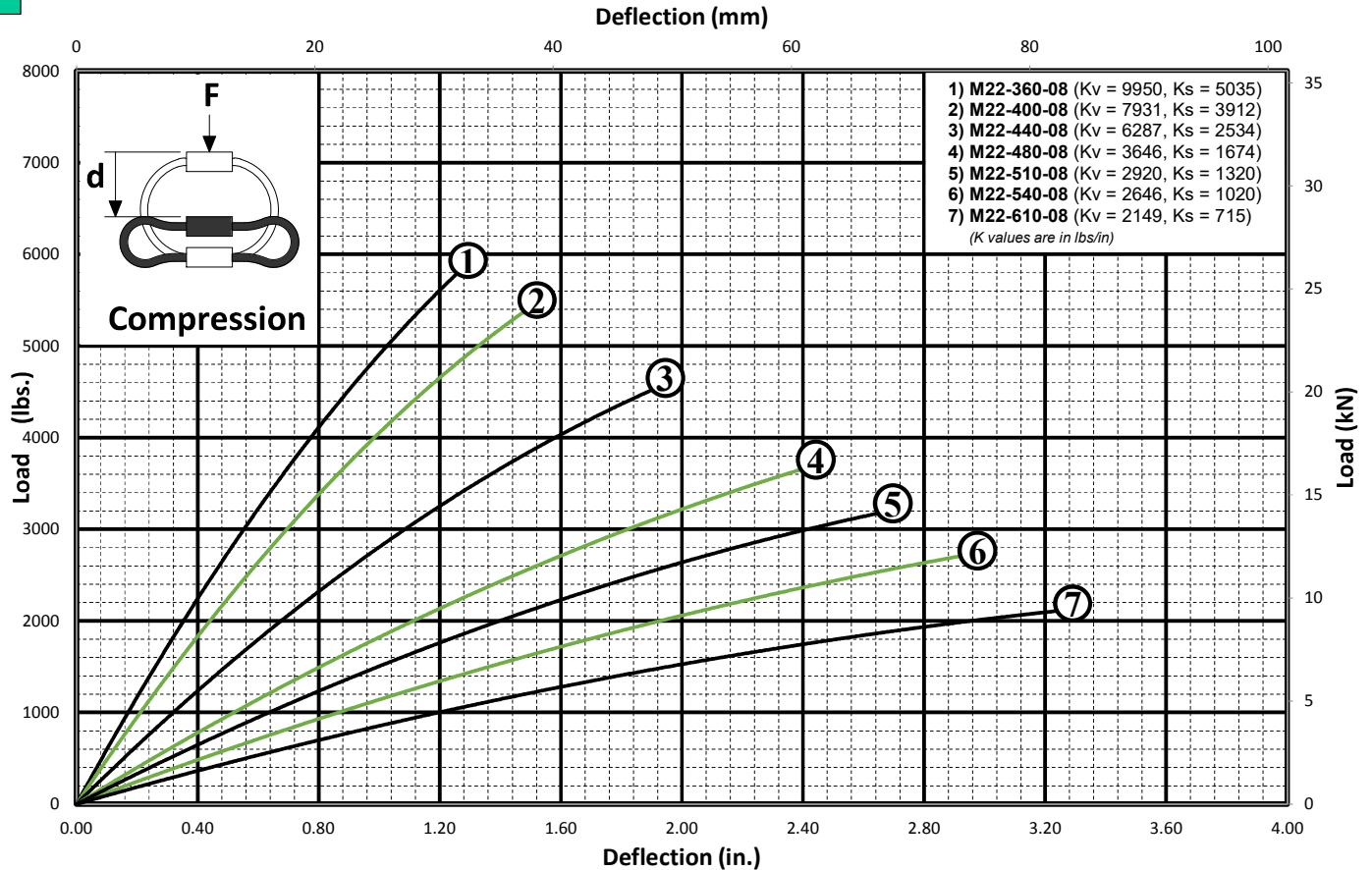


M22 SERIES

11/16" DIAMETER CABLE

Design Data Sheet

Helical Isolator



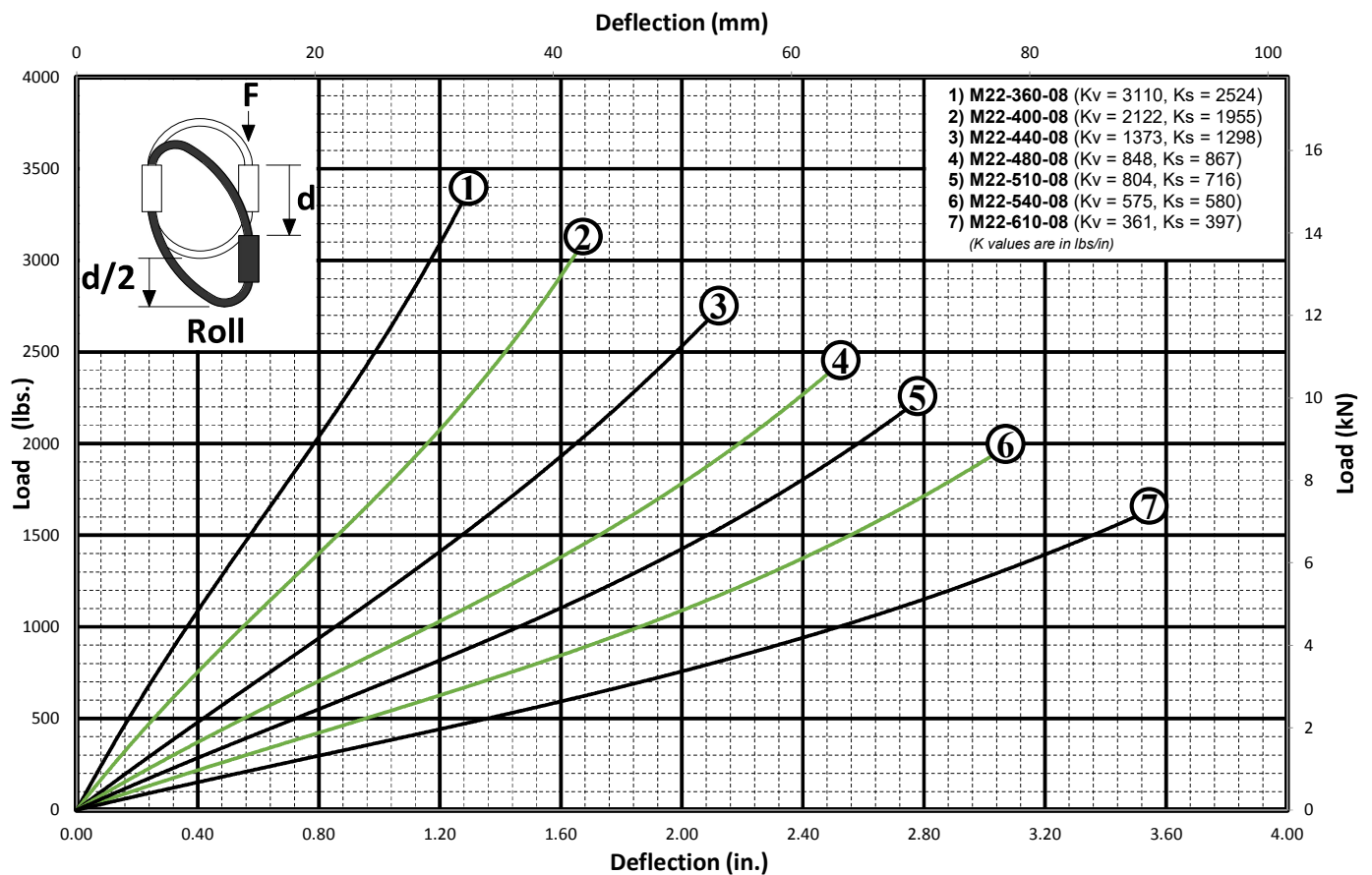
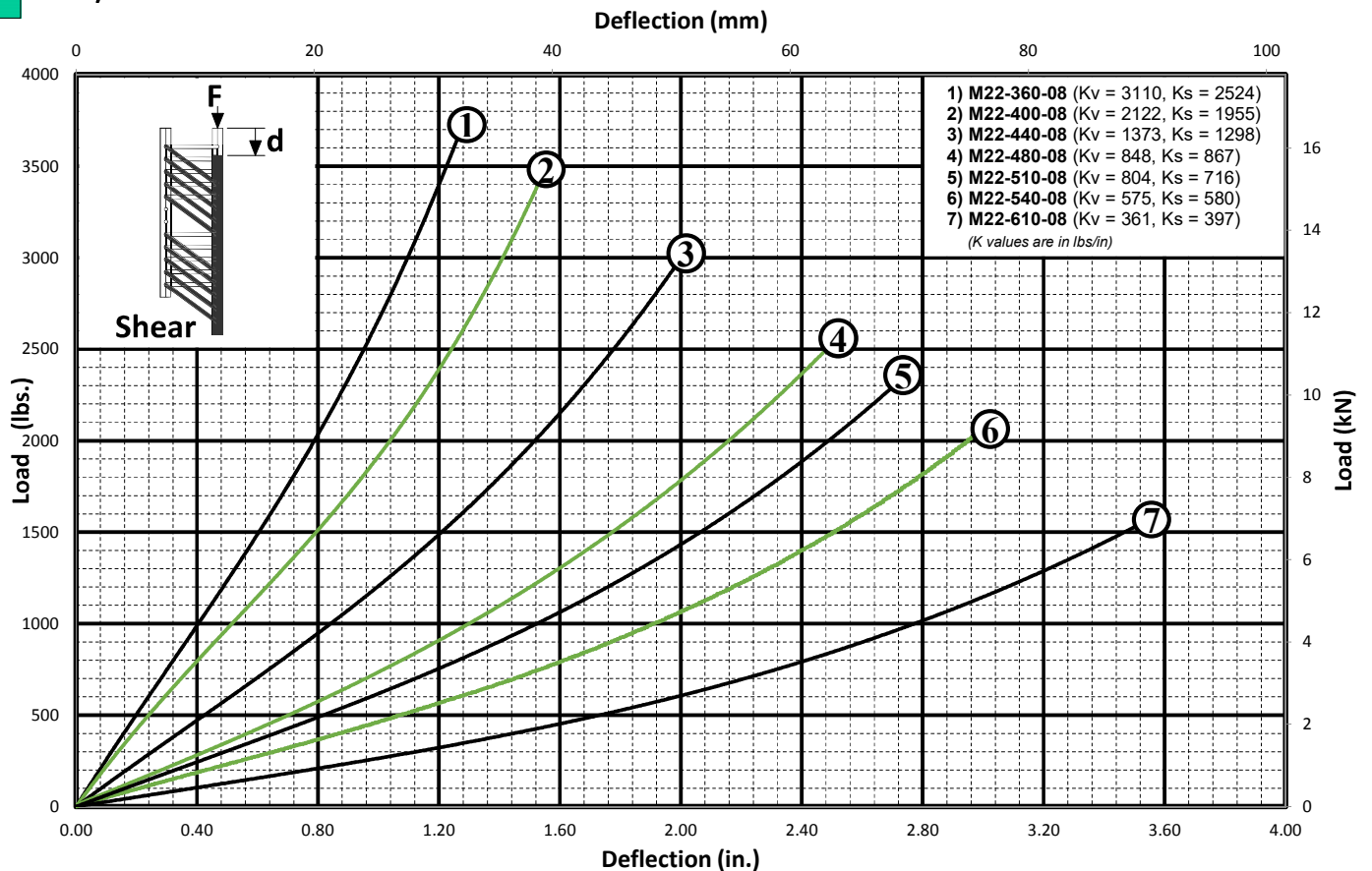


M22 SERIES

11/16" DIAMETER CABLE

Design Data Sheet

Helical Isolator





M22 SERIES

11/16" DIAMETER CABLE

Design Data Sheet

Helical Isolator

