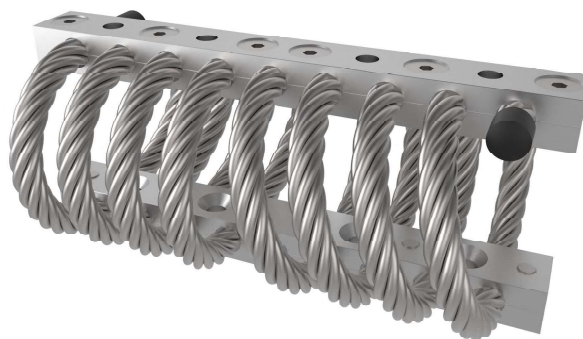
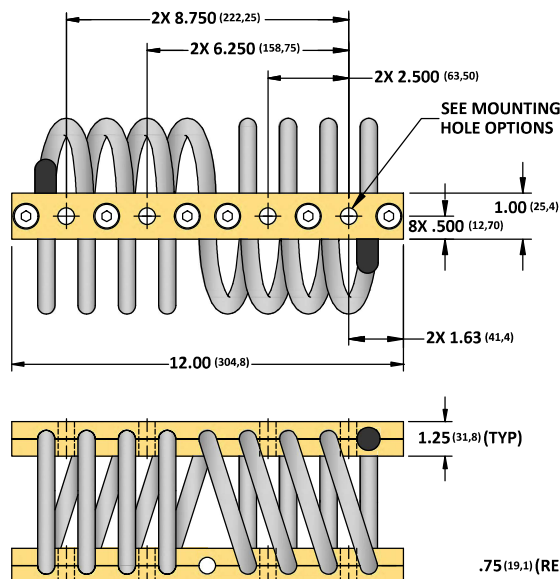




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
M24-400-08-[]	4.00 (101,6)	4.25 (108,0)	10.48 (4.76)	6271	3815	1.20	2398	2528	1.20
M24-440-08-[]	4.40 (111,8)	4.65 (118,1)	11.14 (5.06)	5375	3676	1.60	2320	2176	1.60
M24-480-08-[]	4.80 (121,9)	5.50 (139,7)	12.00 (5.45)	4606	2578	2.00	1744	1465	2.00
M24-520-08-[]	5.20 (131,1)	6.25 (158,8)	12.64 (5.74)	4045	2095	2.40	1210	1136	2.40
M24-550-08-[]	5.50 (139,7)	6.75 (171,5)	13.06 (5.93)	3357	1774	2.70	1018	1073	2.70
M24-600-08-[]	6.00 (152,4)	8.25 (209,6)	13.68 (6.21)	2407	1340	3.20	765	814	3.20

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 3.36lbs (1.53kg) 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

M24 - 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 M24 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

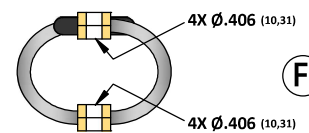
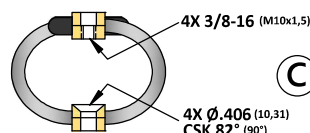
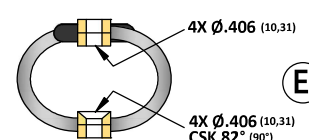
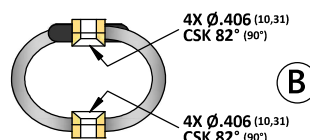
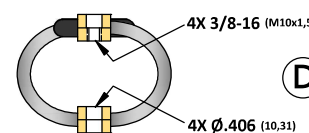
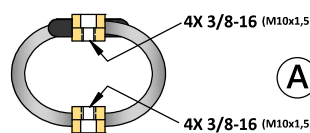
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



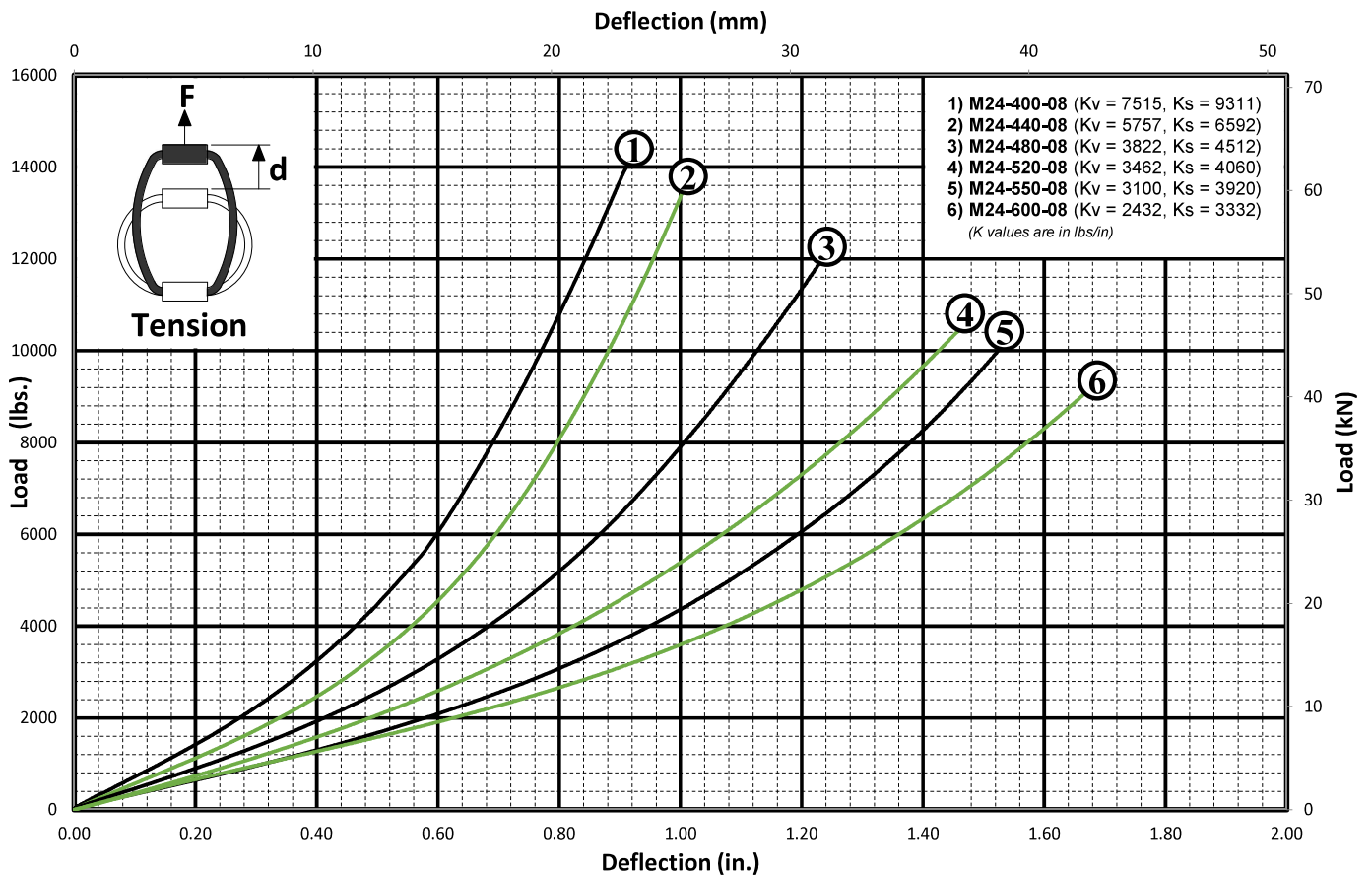
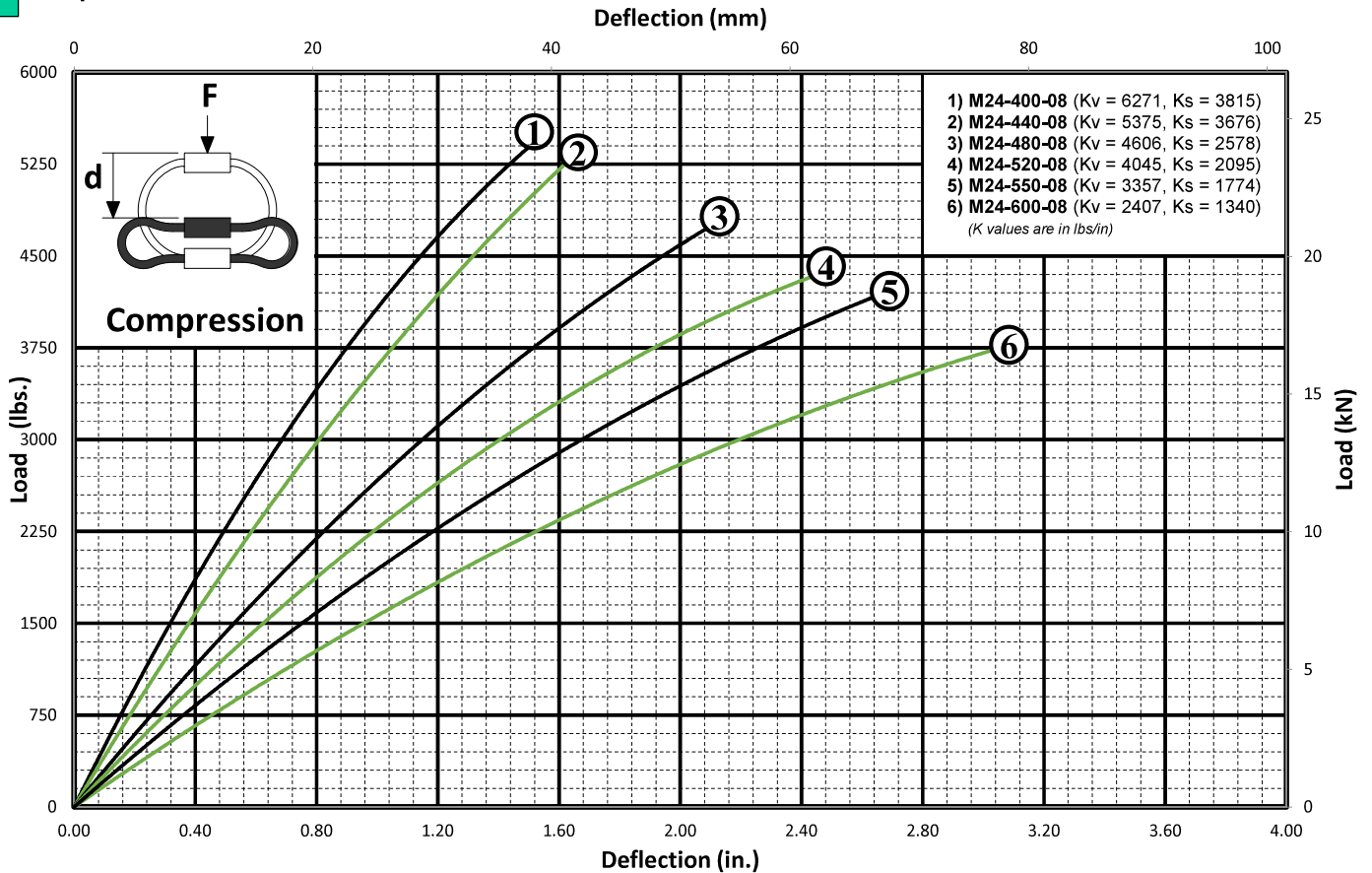


M24 SERIES

Design Data Sheet

3/4" DIAMETER CABLE

Helical Isolator



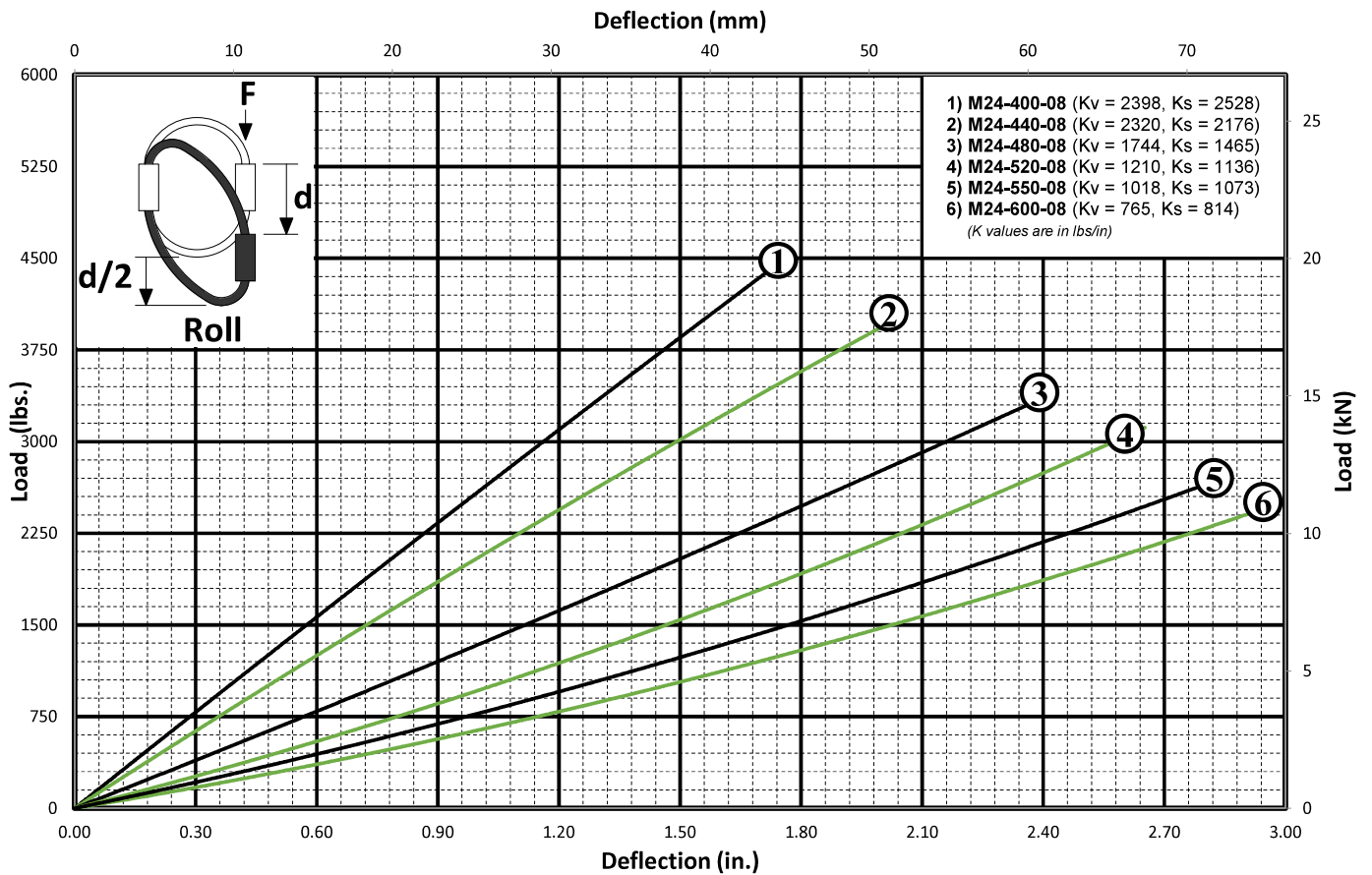
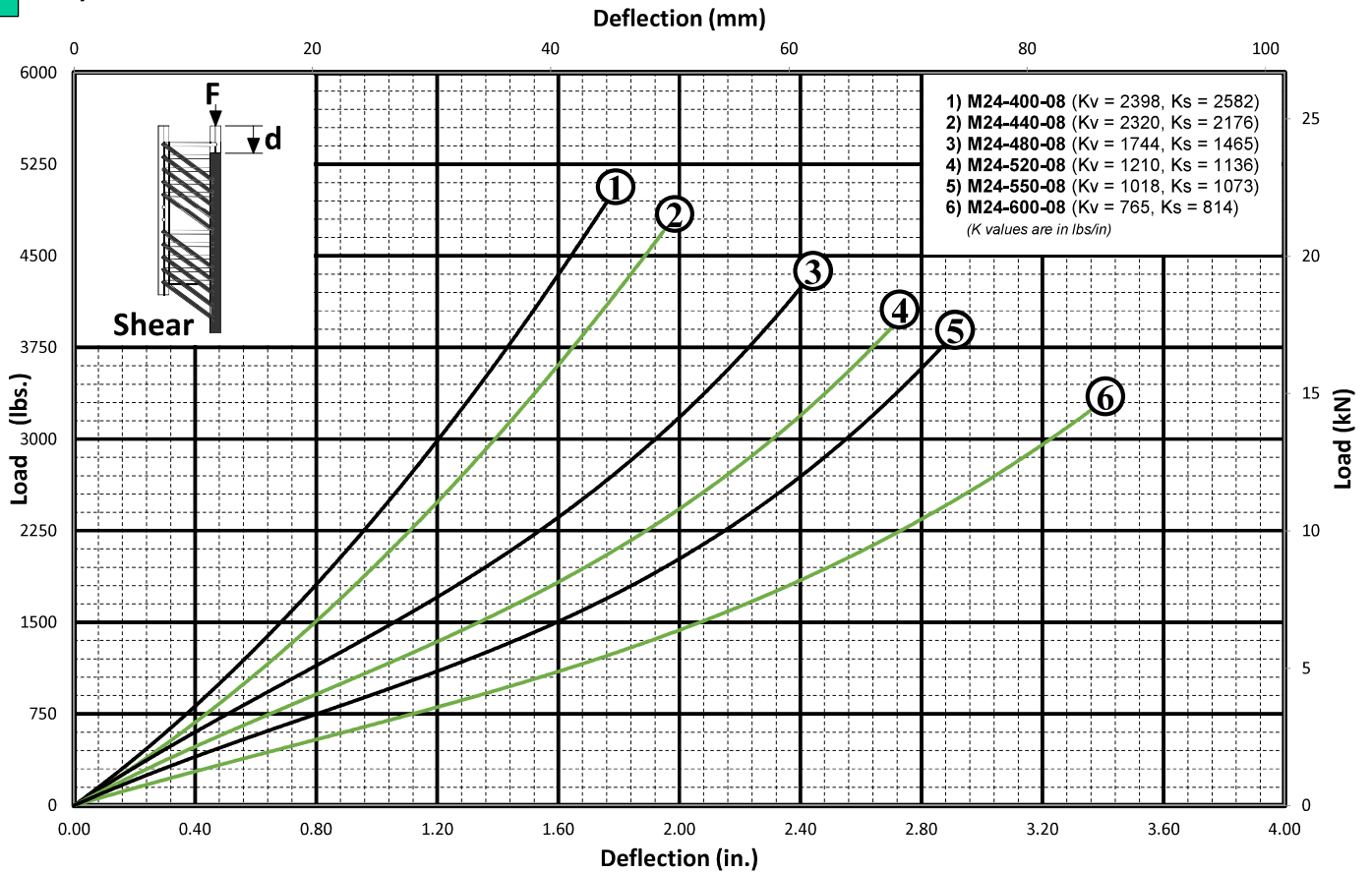


M24 SERIES

Design Data Sheet

3/4" DIAMETER CABLE

Helical Isolator



3/4" DIAMETER CABLE

