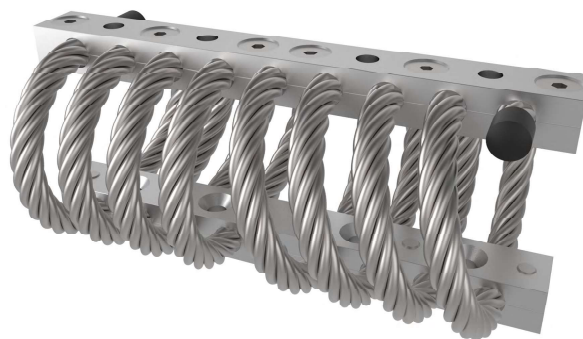
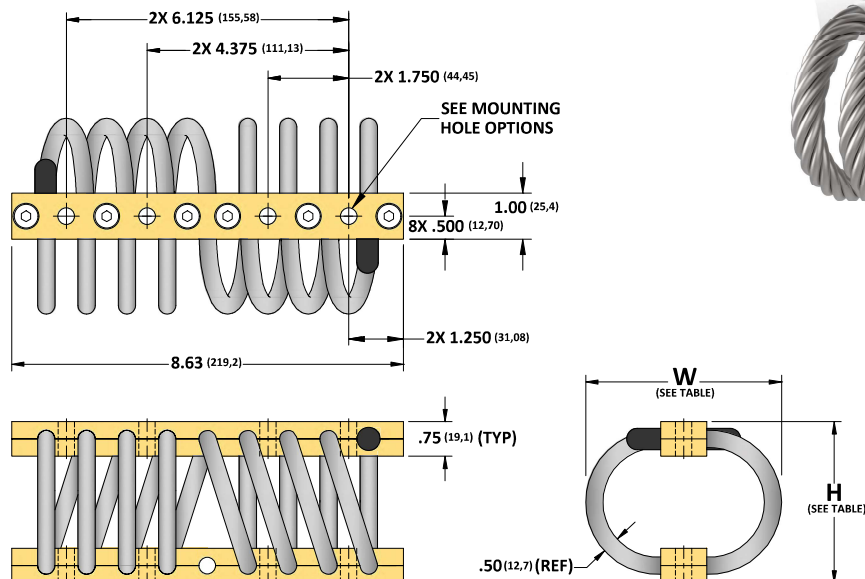


1/2" DIAMETER CABLE

Helical Isolator



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)
M16-325-08- []	3.25 (82,6)	4.00 (101,9)	3.71 (1.68)	2486	1677	1.40	1287	977	1.40
M16-350-08- []	3.50 (88,9)	4.13 (104,9)	3.73 (1.69)	2357	1496	1.65	719	818	1.65
M16-375-08- []	3.75 (95,3)	4.75 (120,7)	4.10 (1.86)	1757	1044	1.90	542	594	1.90
M16-425-08- []	4.25 (108,0)	5.25 (133,4)	4.60 (2.09)	1088	656	2.40	332	382	2.40
M16-490-08- []	4.90 (124,5)	5.65 (143,5)	5.00 (2.27)	775	455	3.05	251	291	3.05
M16-540-08- []	5.40 (137,2)	6.13 (157,7)	5.42 (2.46)	550	346	3.55	173	236	3.55
M16-610-08- []	6.10 (154,9)	7.10 (180,3)	6.15 (2.79)	400	220	4.25	94	140	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 1.42lbs (.64kg) 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

M16 - 425 - 08 - 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

- 8 LOOPS STANDARD FOR THE M16 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

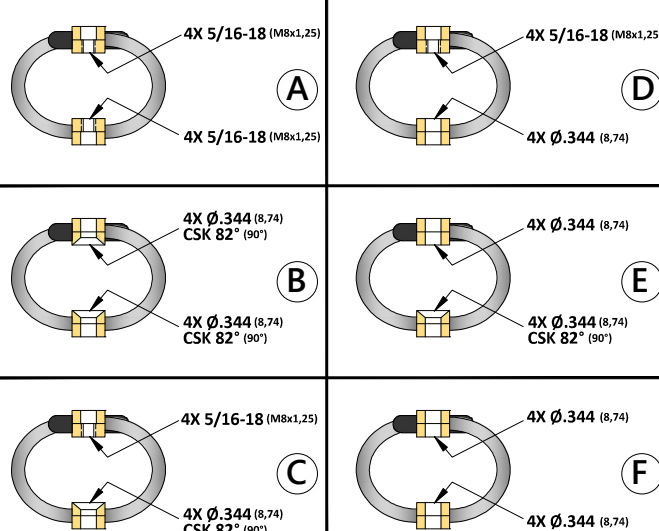
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



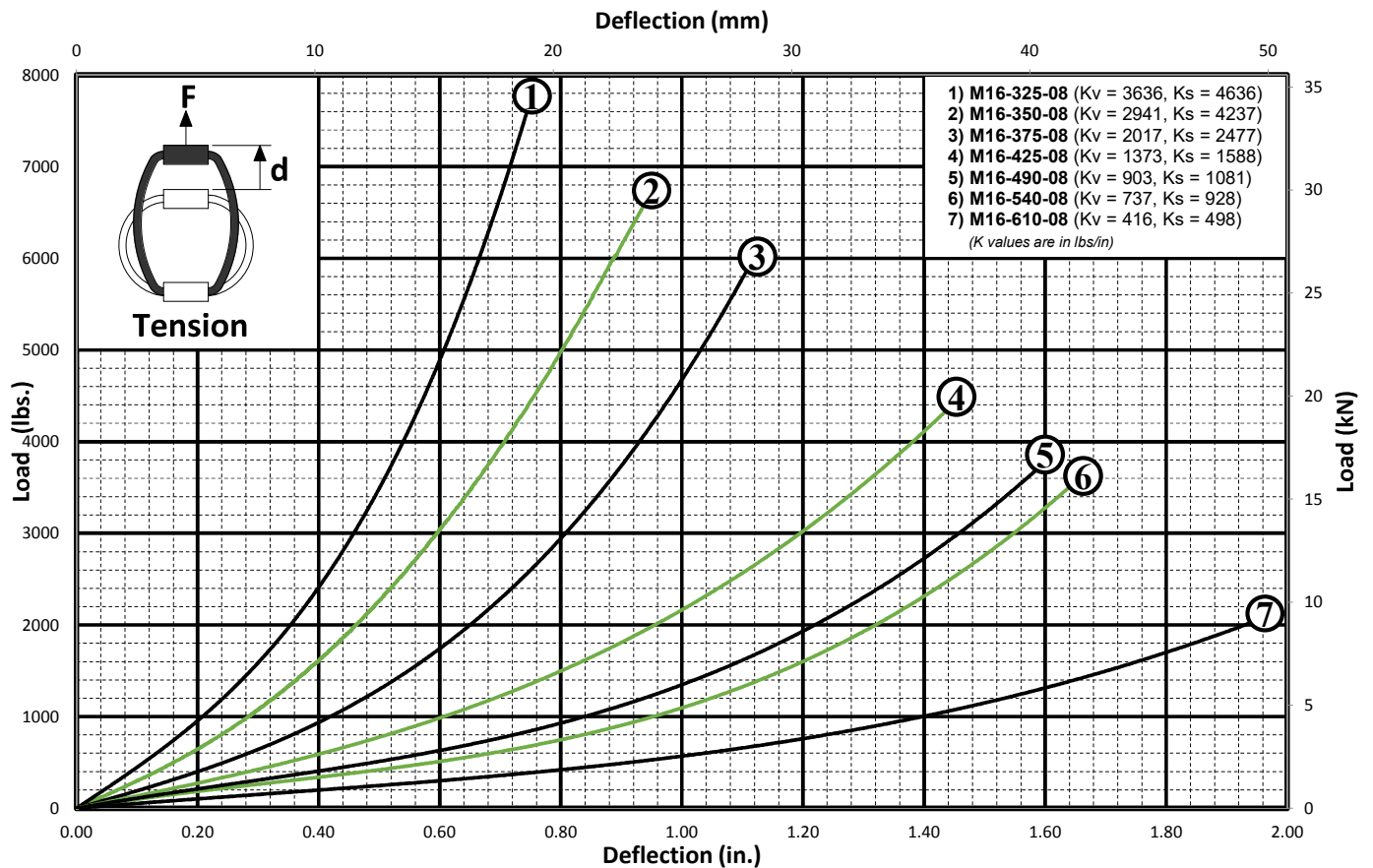
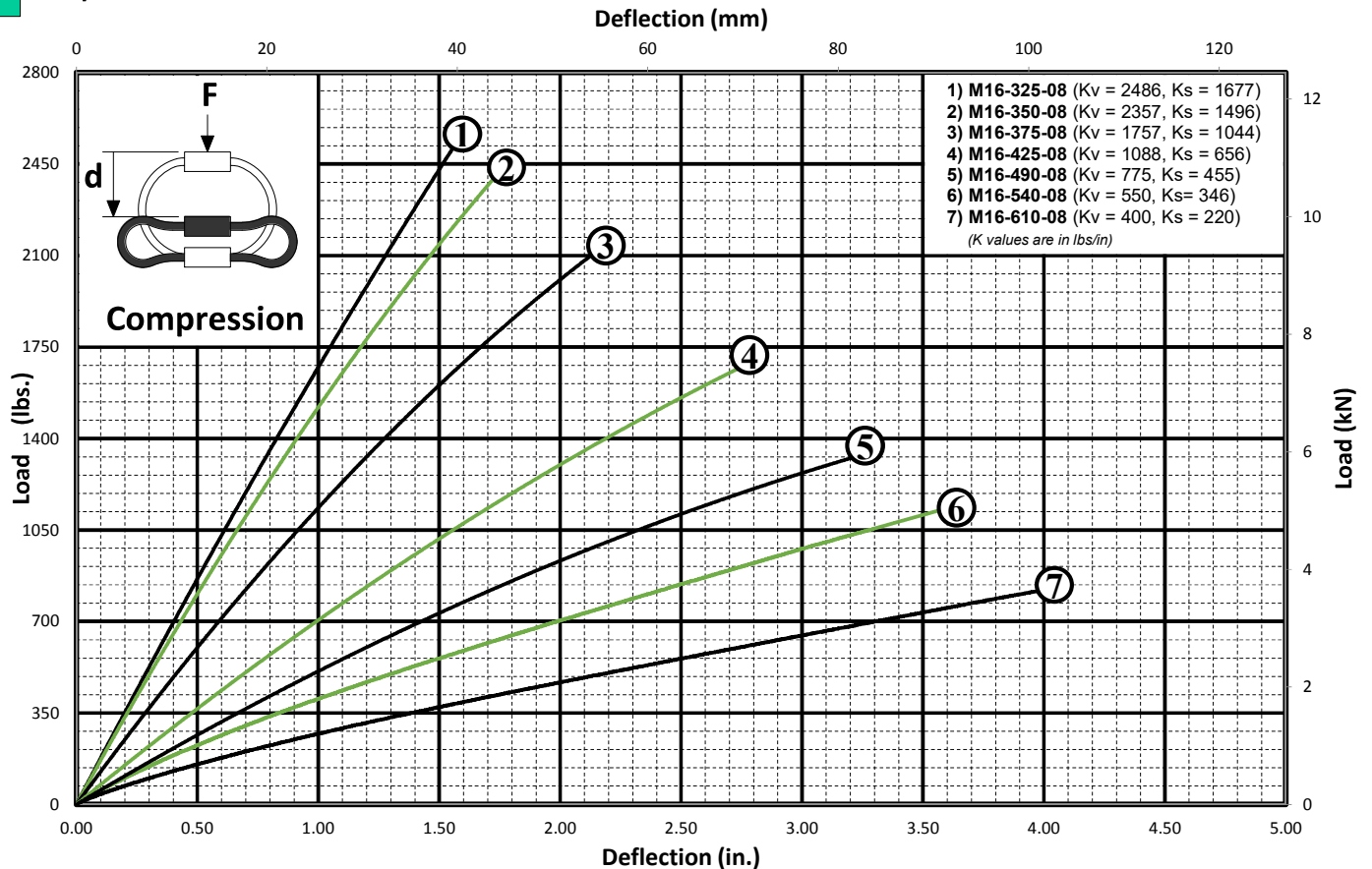


M16 SERIES

1/2" DIAMETER CABLE

Design Data Sheet

Helical Isolator



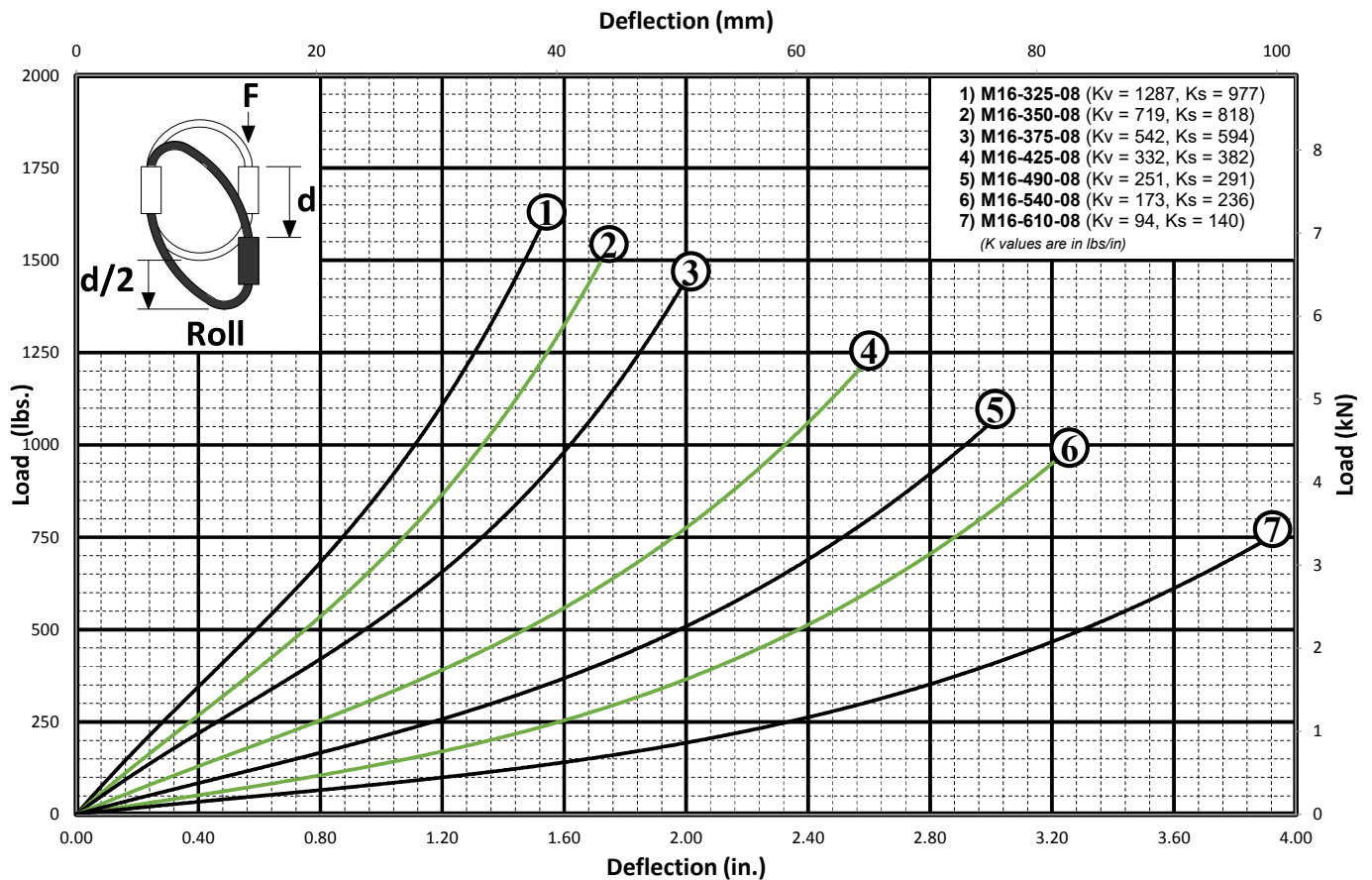
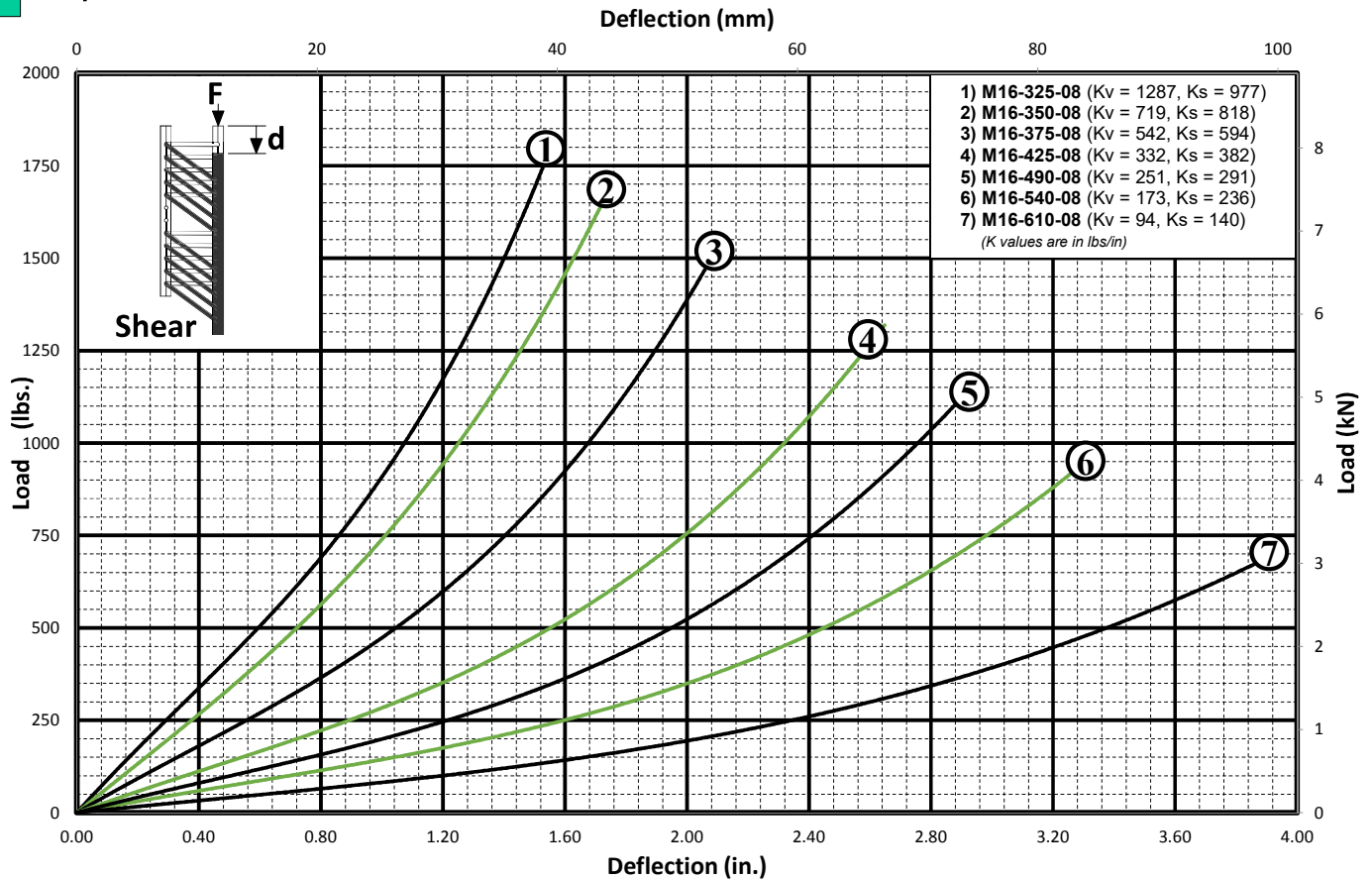


M16 SERIES

Design Data Sheet

1/2" DIAMETER CABLE

Helical Isolator





M16 SERIES

Design Data Sheet

1/2" DIAMETER CABLE

Helical Isolator

