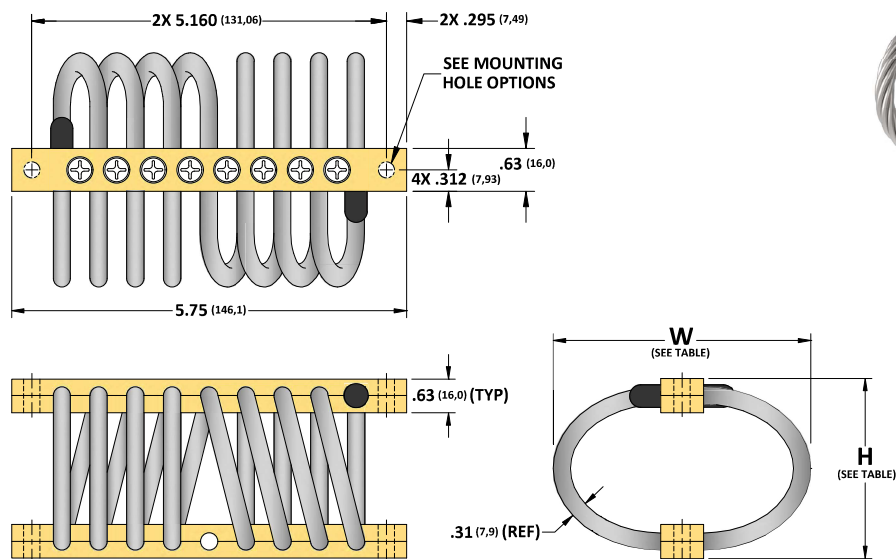




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.03	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
M10-215-08-[]	2.15 (54.6)	2.33 (59.2)	1.03 (.468)	2468	1872	.70	728	986	.70
M10-238-08-[]	2.38 (60.5)	2.63 (66.8)	1.09 (.495)	1913	1222	.95	549	600	.95
M10-256-08-[]	2.56 (65.0)	2.93 (74.4)	1.15 (.522)	1076	806	1.15	442	497	1.15
M10-270-08-[]	2.70 (68.6)	3.26 (82.8)	1.25 (.568)	960	656	1.25	291	356	1.25
M10-280-08-[]	2.80 (71.1)	3.63 (92.2)	1.34 (.608)	648	461	1.35	218	236	1.35
M10-285-08-[]	2.85 (72.4)	3.88 (98.6)	1.39 (.631)	543	389	1.40	204	219	1.40
M10-295-08-[]	2.95 (74.9)	4.08 (103.6)	1.44 (.654)	475	337	1.50	163	179	1.50
M10-350-08-[]	3.50 (88.9)	4.38 (111.3)	1.58 (.717)	349	220	2.05	100	122	2.05

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 .57lbs (.26kg) 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

M10 - 270 - 08 - 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

- 8 LOOPS STANDARD FOR THE M10 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

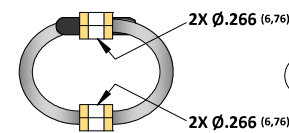
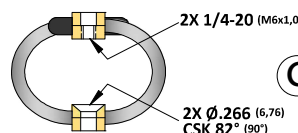
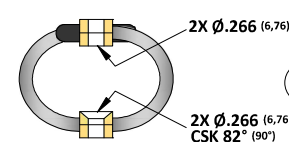
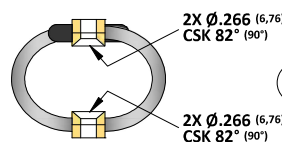
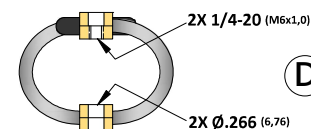
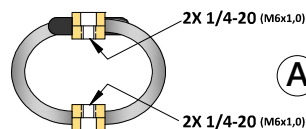
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



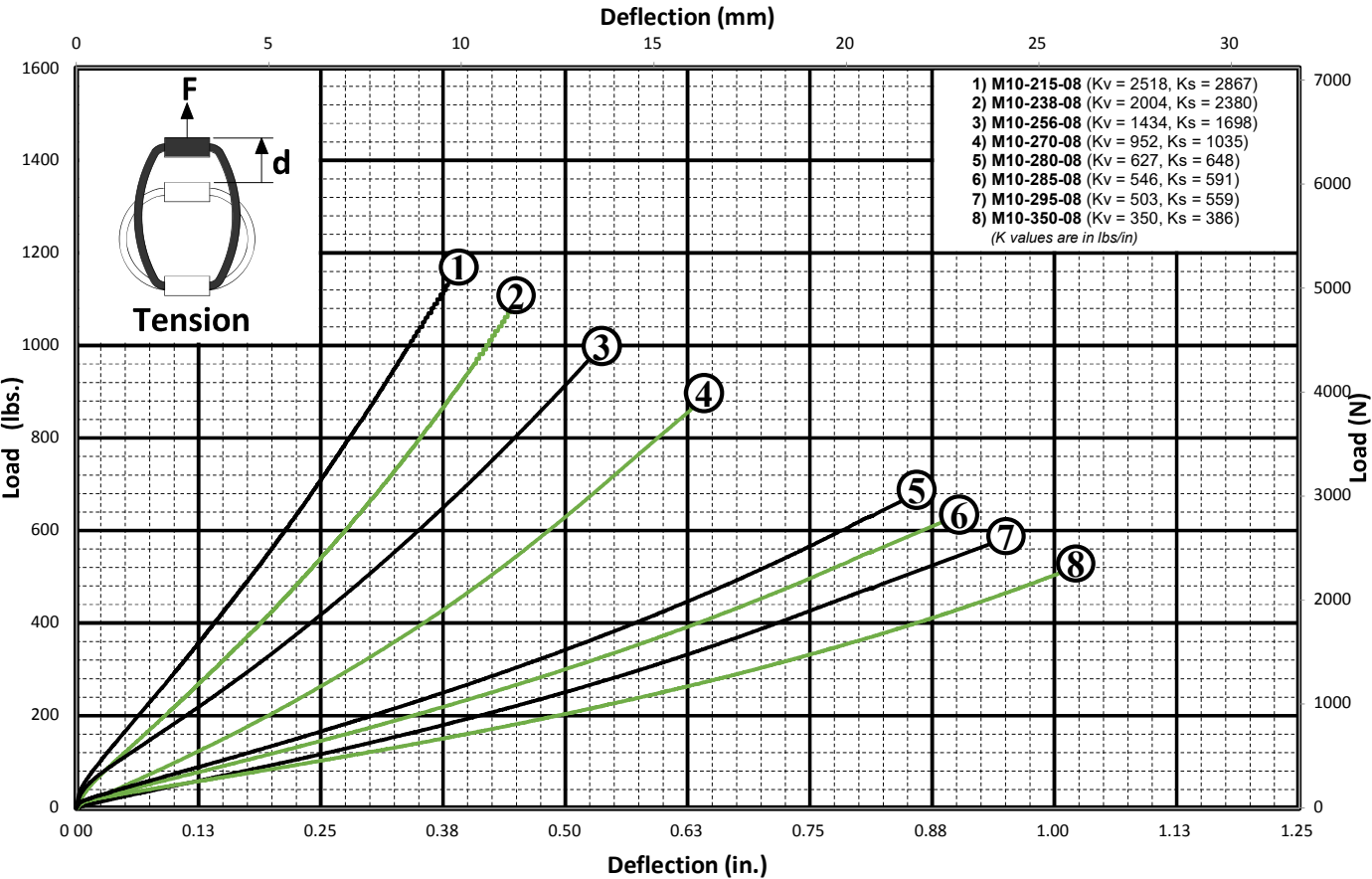
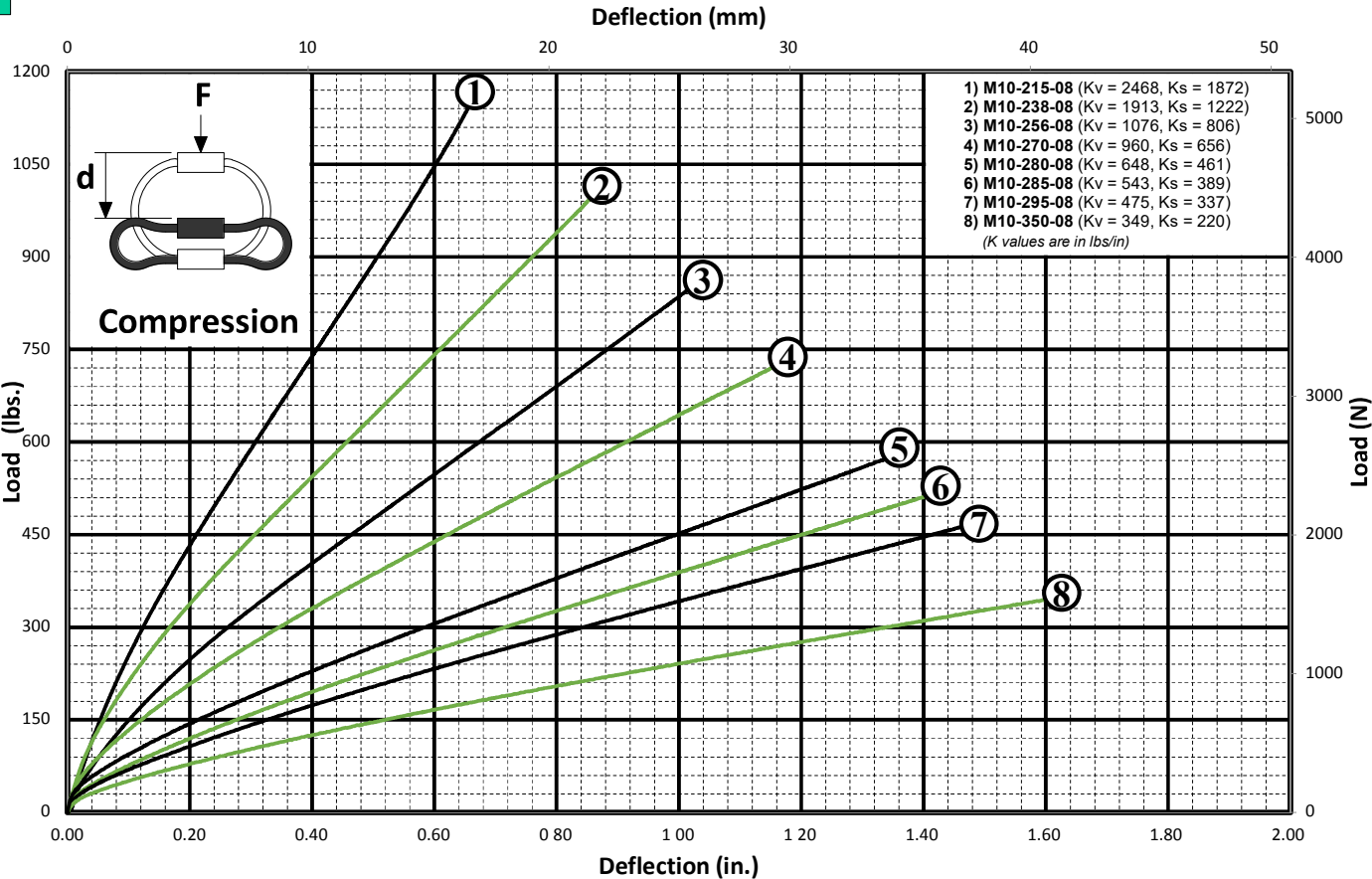


M10 SERIES

5/16" DIAMETER CABLE

Design Data Sheet

Helical Isolator



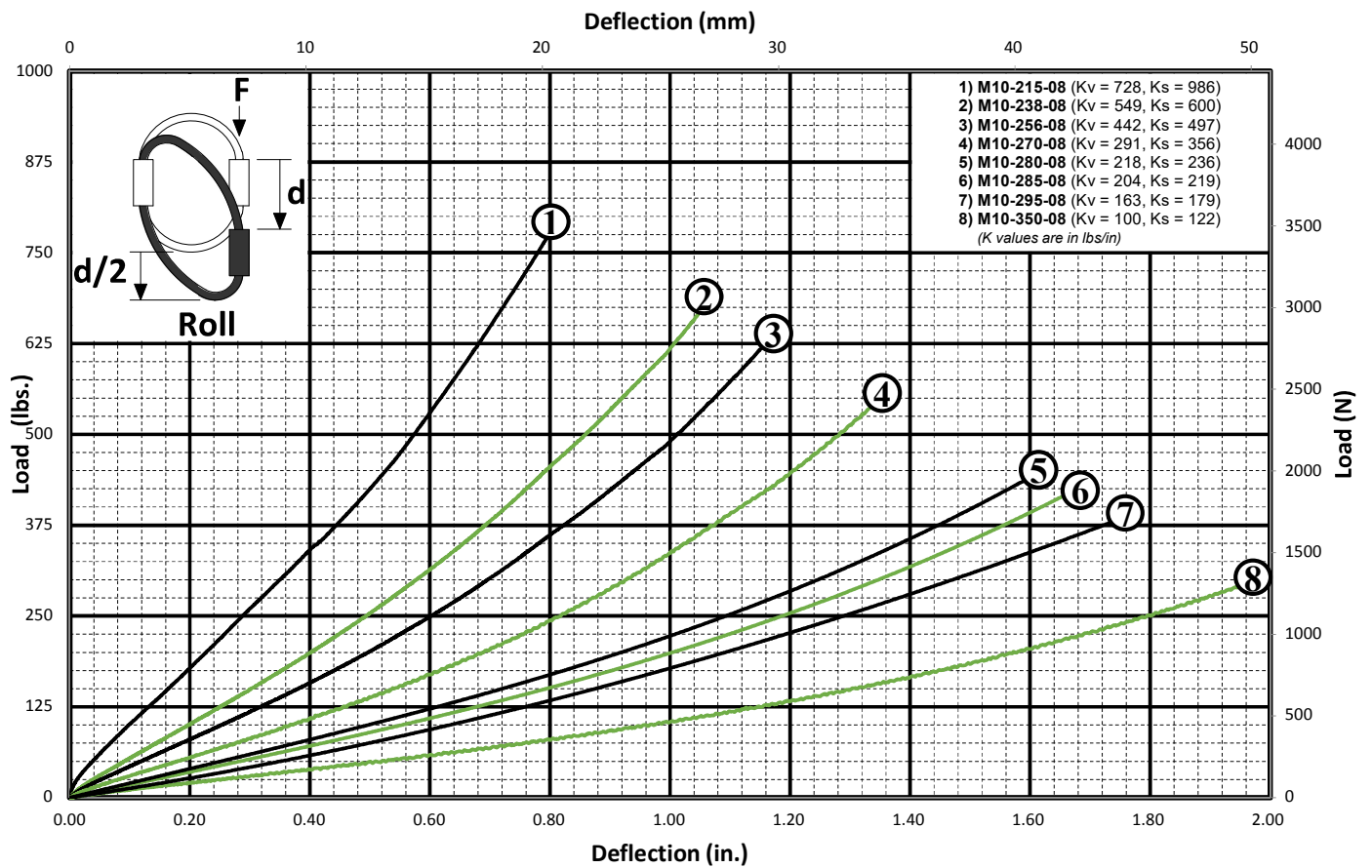
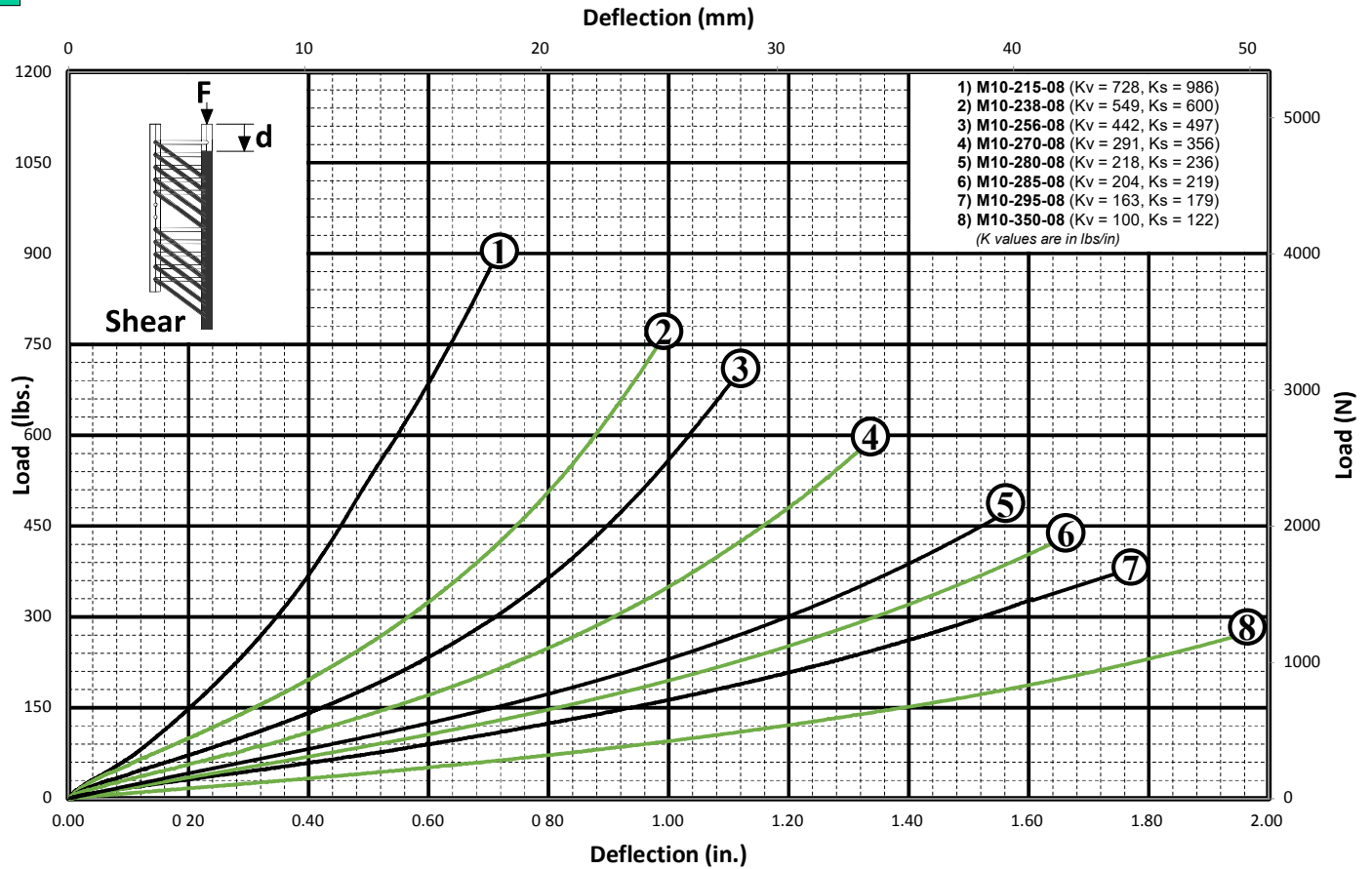


M10 SERIES

5/16" DIAMETER CABLE

Design Data Sheet

Helical Isolator





M10 SERIES

5/16" DIAMETER CABLE

Design Data Sheet

Helical Isolator

