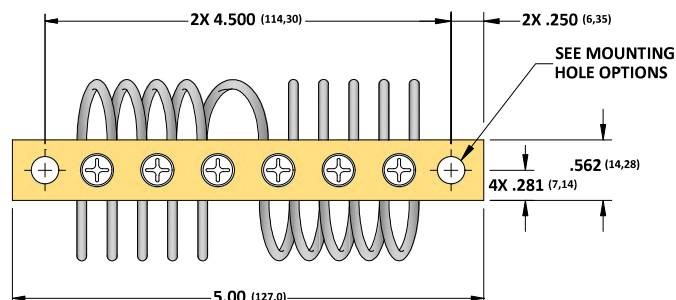


PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT oz (gms)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.03	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
M5-110-10-[]	1.10 (27,9)	1.40 (35,6)	4.6 (131)	1304	1197	.35	464	549	.35
M5-120-10-[]	1.20 (30,5)	1.50 (38,1)	4.8 (136)	1123	1006	.45	355	428	.45
M5-130-10-[]	1.30 (33,0)	1.60 (40,6)	5.2 (148)	784	665	.55	245	289	.55
M5-140-10-[]	1.40 (35,6)	1.70 (43,2)	5.2 (148)	665	532	.65	189	246	.65
M5-150-10-[]	1.50 (38,1)	1.80 (45,7)	5.4 (153)	511	410	.75	127	199	.75
M5-160-10-[]	1.60 (40,6)	1.90 (48,2)	5.4 (153)	391	294	.85	106	152	.85

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 3.99oz (.11kg) 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 PER MS51959-42
- INSERTS: 300 SERIES SS (ALUM BARS ONLY)
- RETAINER BARS: SEE BELOW

MODEL NUMBER EXAMPLE

M5 - 140 - 10 - H - C

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

- 10 LOOPS STANDARD FOR THE M5 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

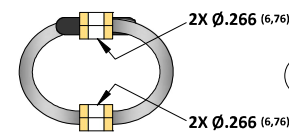
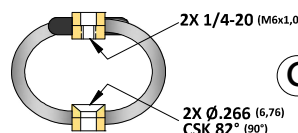
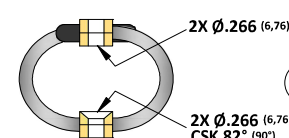
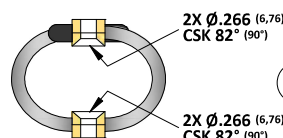
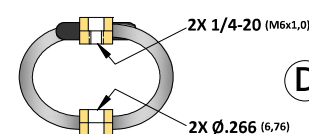
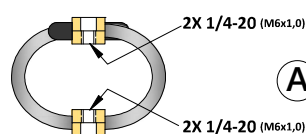
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



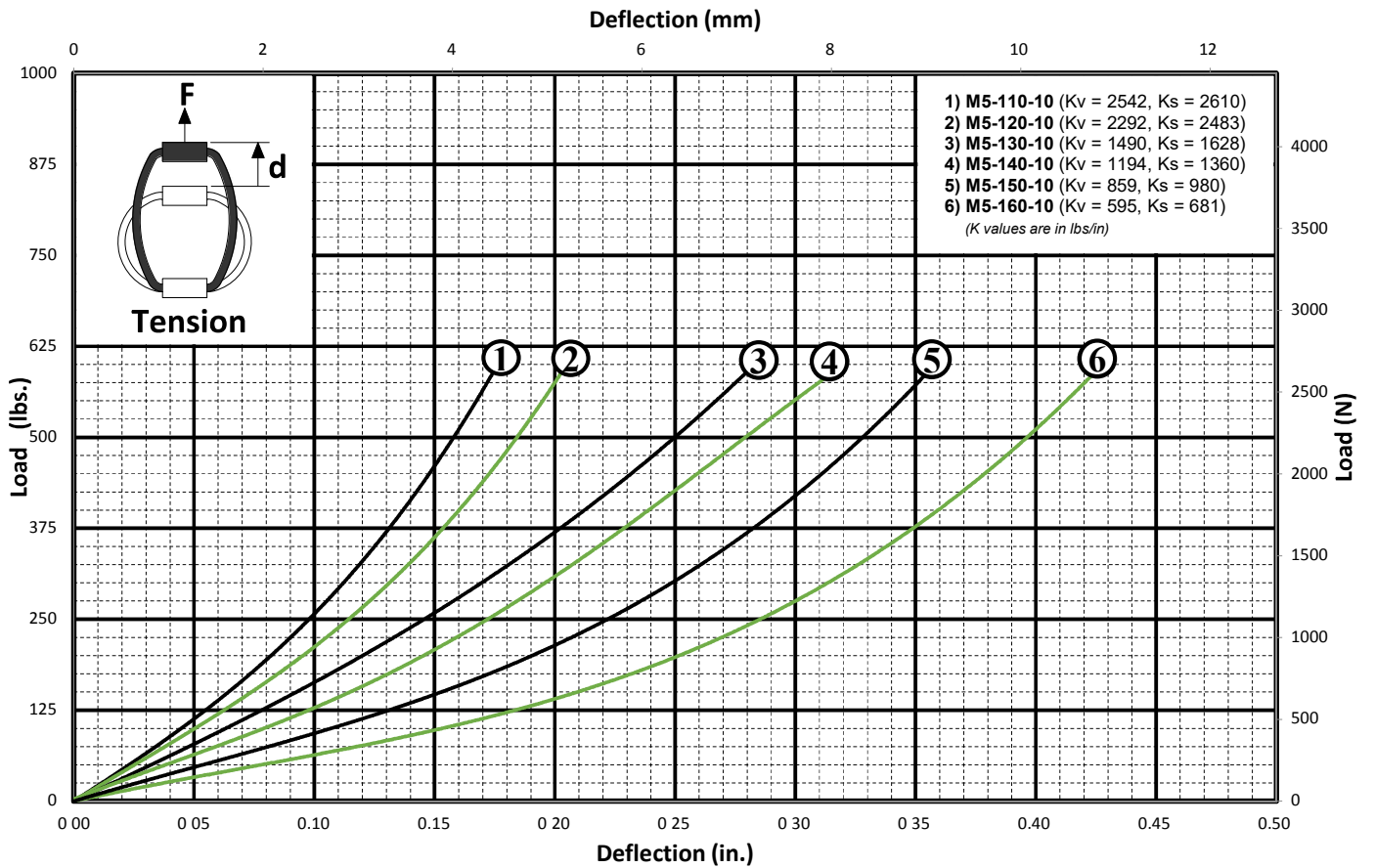
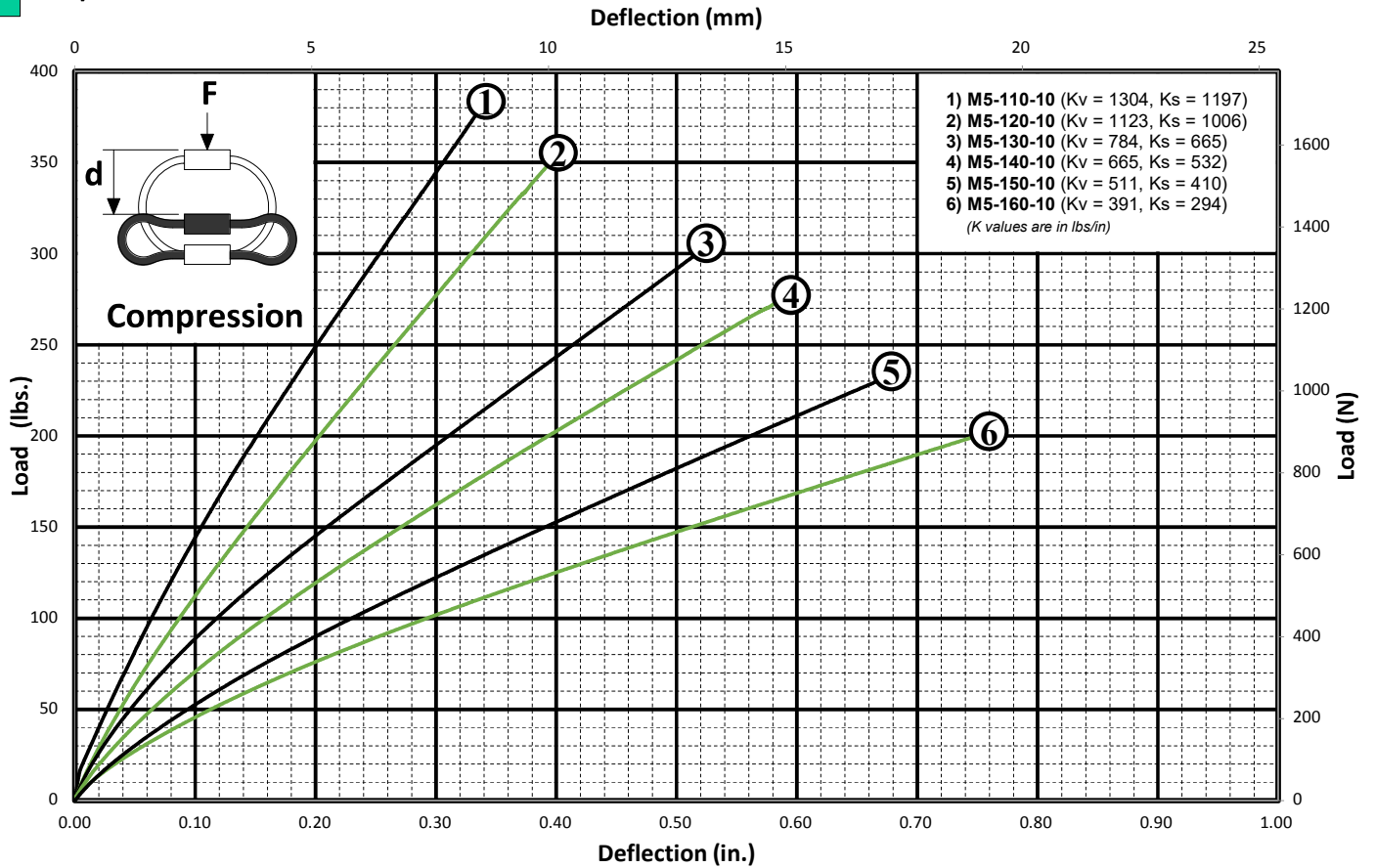


M5 SERIES

5/32" DIAMETER CABLE

Design Data Sheet

Helical Isolator



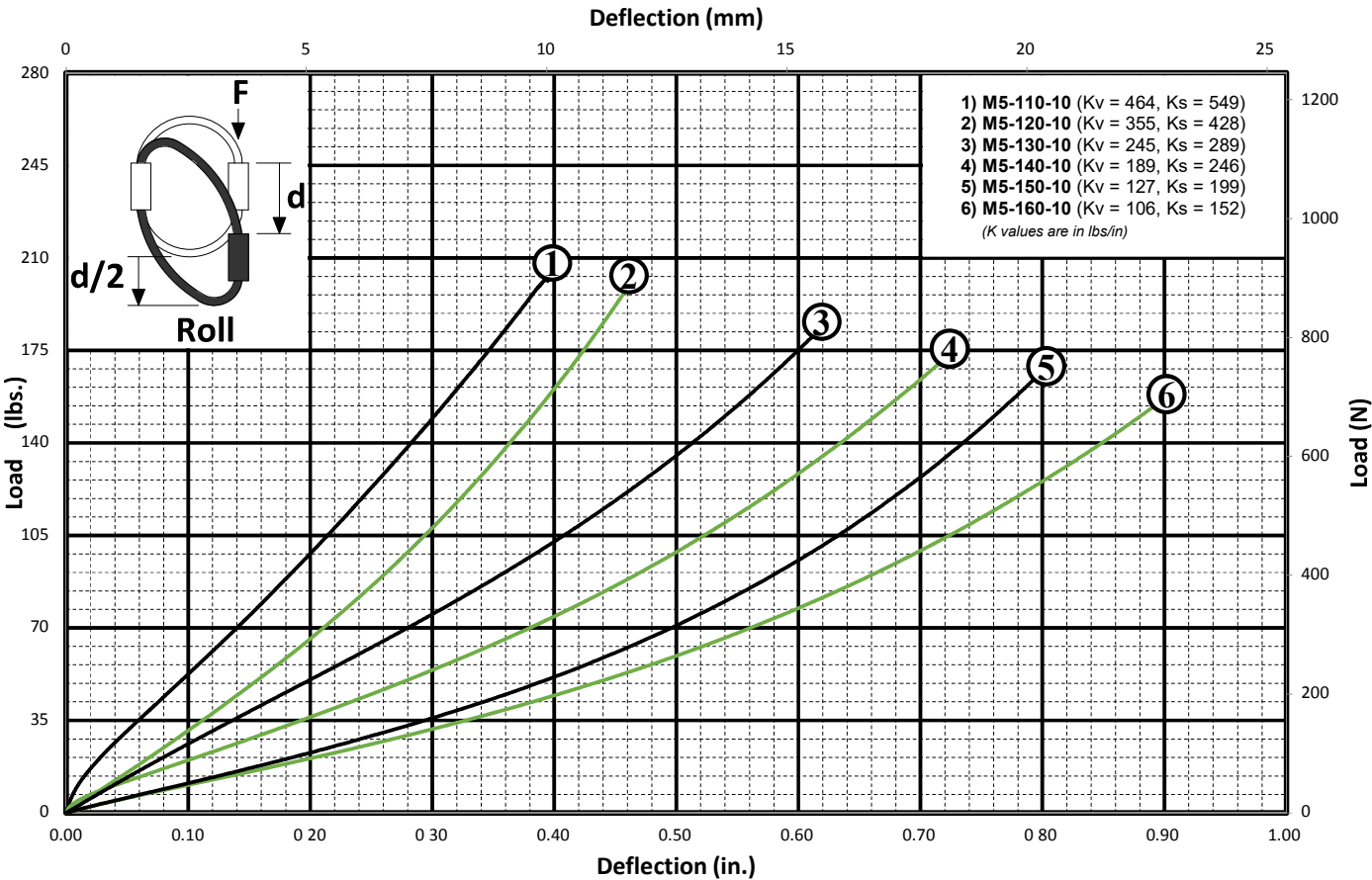
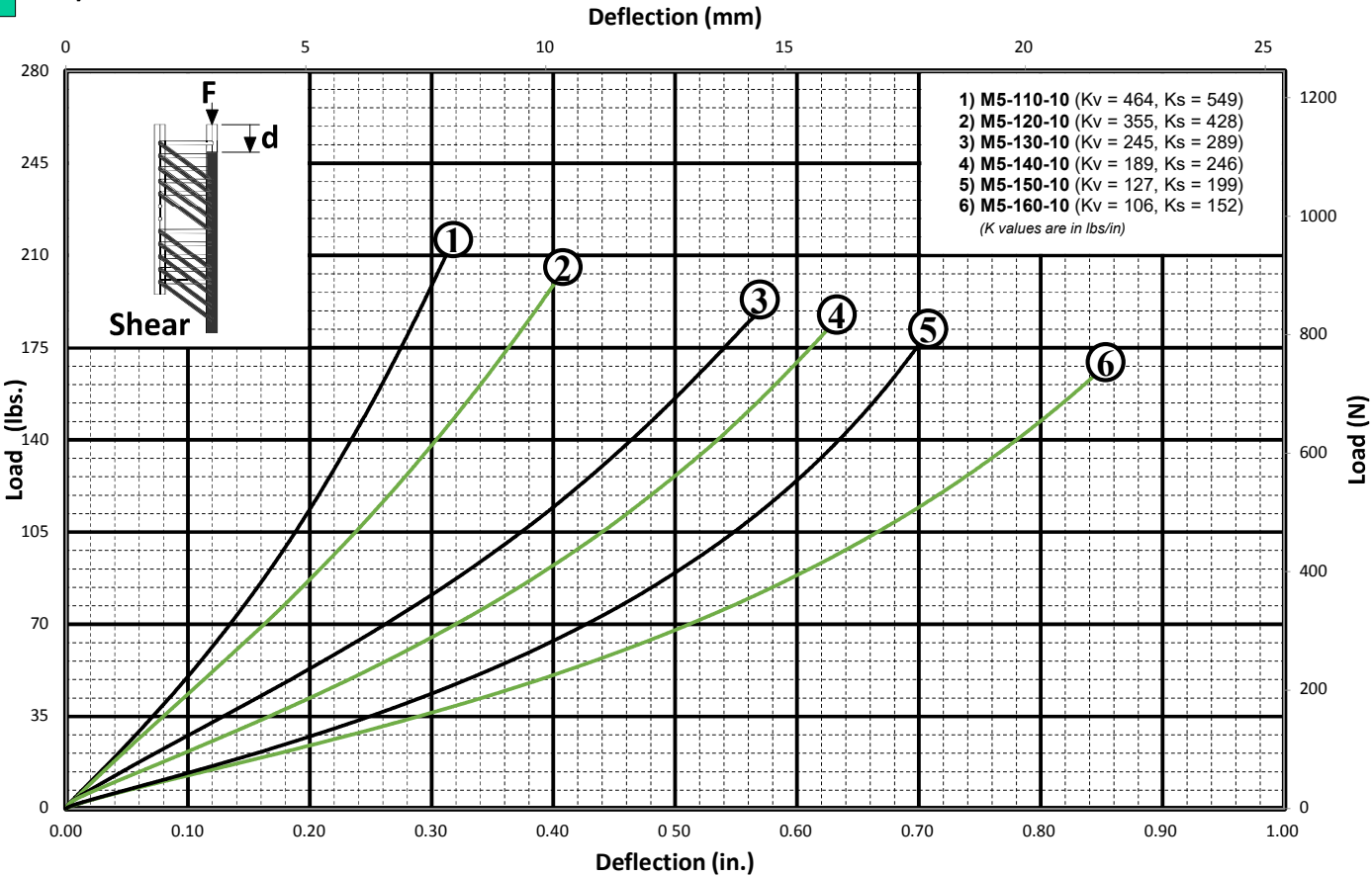


M5 SERIES

5/32" DIAMETER CABLE

Design Data Sheet

Helical Isolator





M5 SERIES

5/32" DIAMETER CABLE

Design Data Sheet

Helical Isolator

