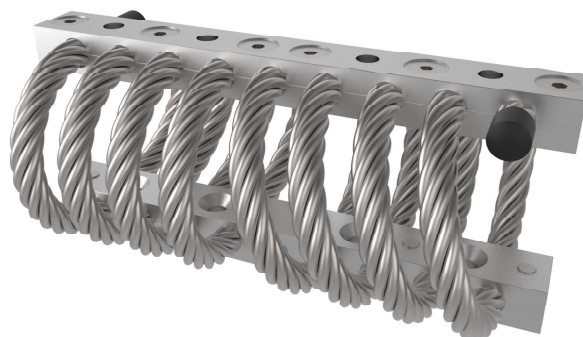
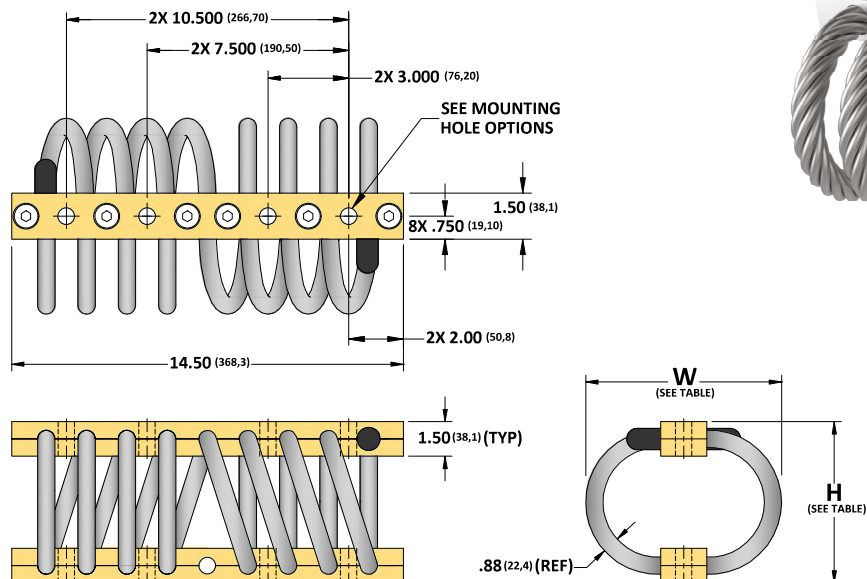




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
M28-525-08-[]	5.25 (133,4)	6.75 (171,5)	20.00 (9.08)	6242	4139	1.80	1976	2140	1.80
M28-600-08-[]	6.00 (152,4)	7.00 (177,8)	21.30 (9.67)	5525	3718	2.60	1584	1761	2.60
M28-625-08-[]	6.25 (158,8)	7.25 (184,2)	21.64 (9.83)	4200	2756	2.80	1390	1552	2.80
M28-700-08-[]	7.00 (177,8)	7.75 (196,9)	23.86 (10.83)	2950	1897	3.50	780	865	3.50
M28-750-08-[]	7.50 (190,5)	8.25 (209,6)	25.10 (11.40)	2534	1356	4.00	660	730	4.00
M28-850-08-[]	8.50 (215,9)	9.25 (235,0)	26.88 (12.20)	1843	886	5.00	470	500	5.00

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 7.80lbs (3.50kg) 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

M28 - 625 - 08 - S - 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 M28 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

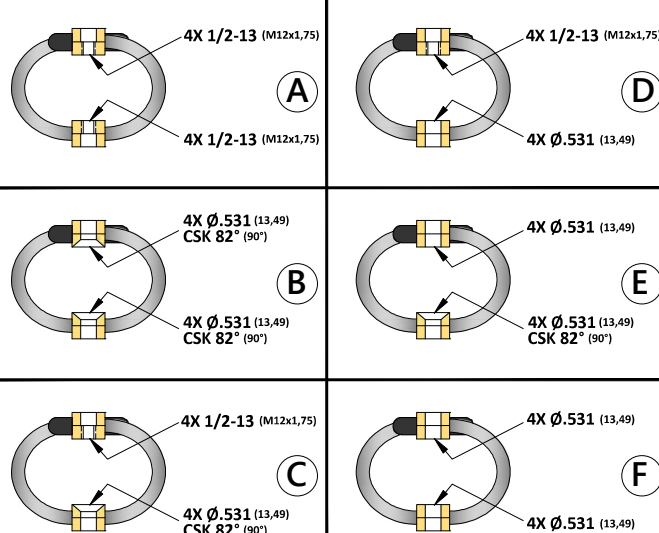
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



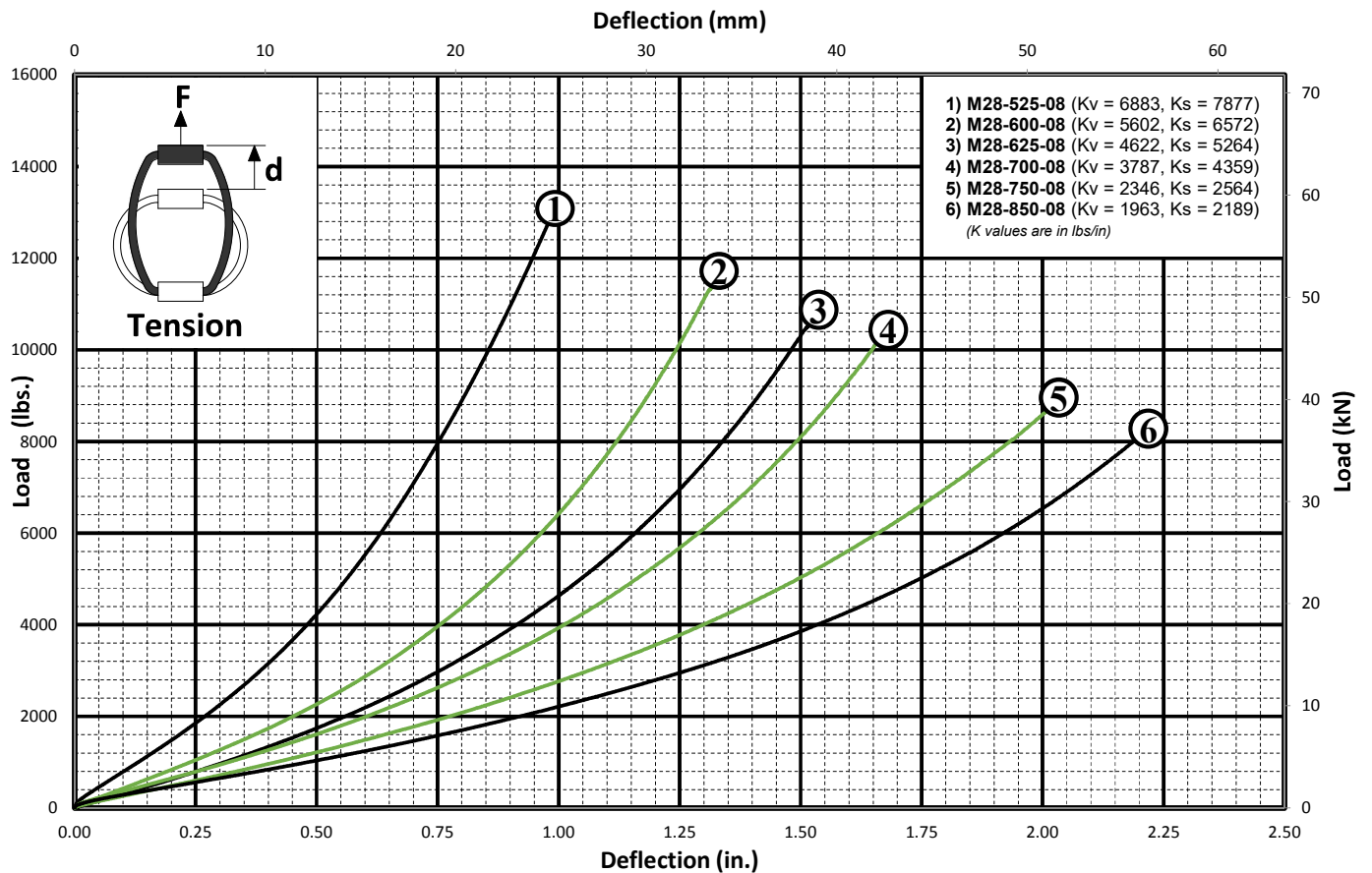
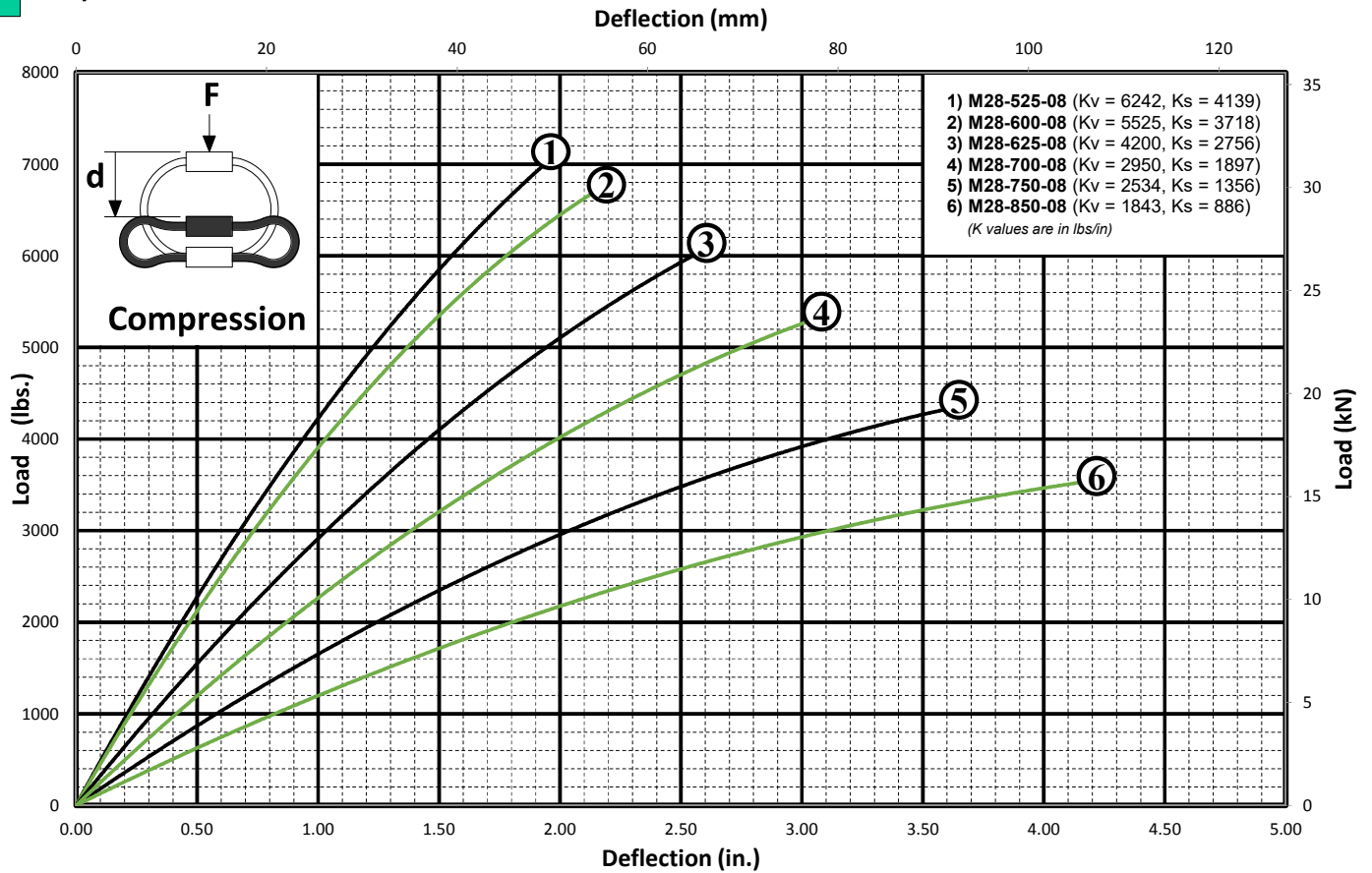


M28 SERIES

7/8" DIAMETER CABLE

Design Data Sheet

Helical Isolator



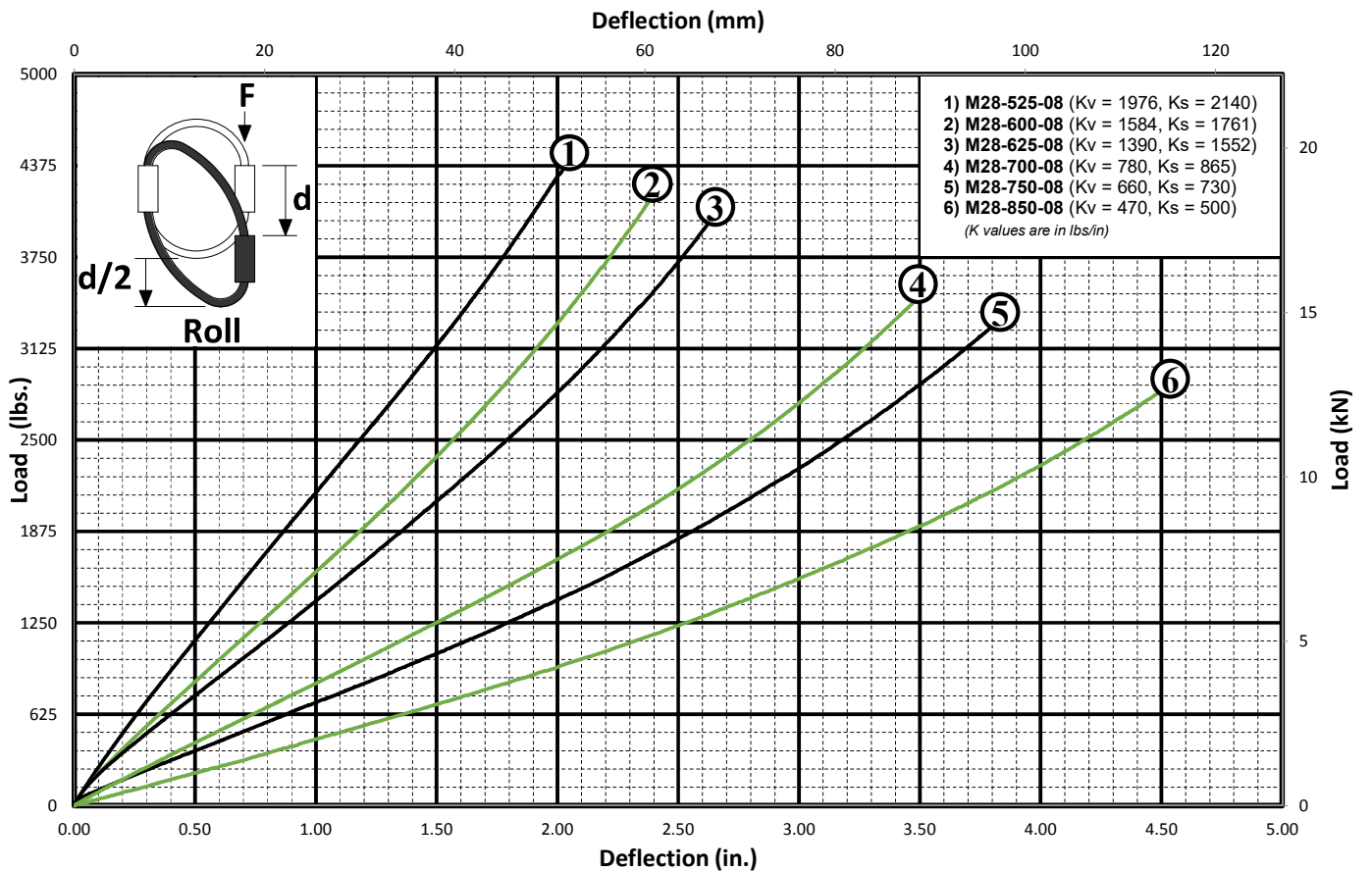
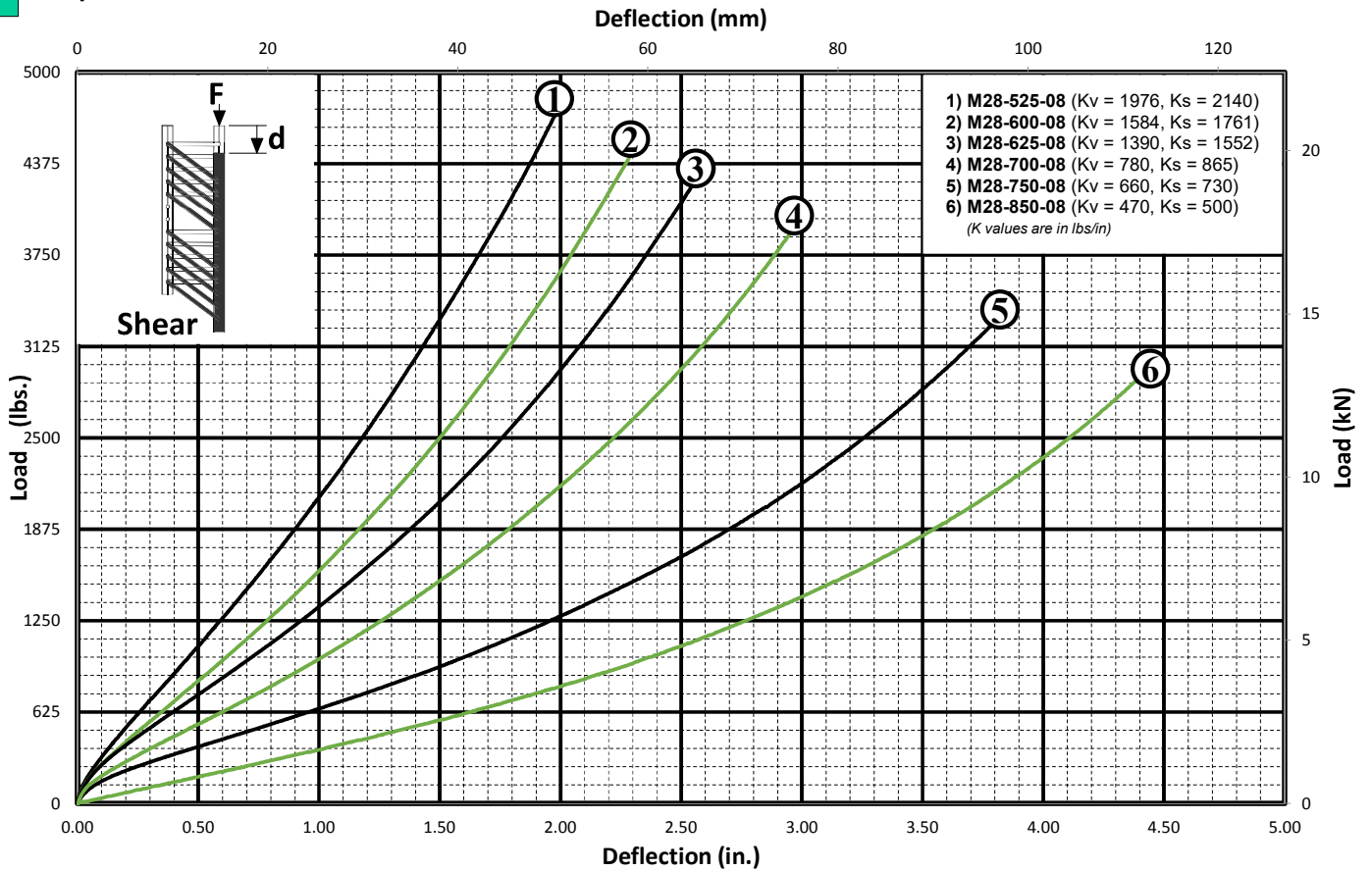


M28 SERIES

7/8" DIAMETER CABLE

Design Data Sheet

Helical Isolator





M28 SERIES

7/8" DIAMETER CABLE

Design Data Sheet

Helical Isolator

