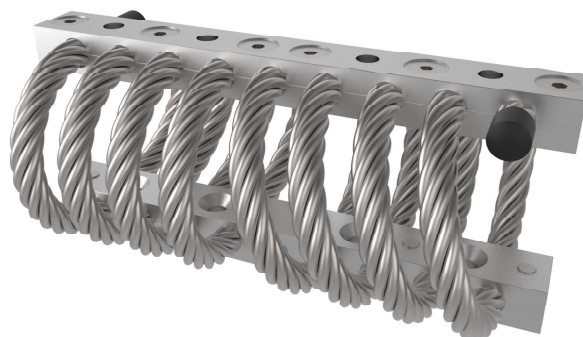
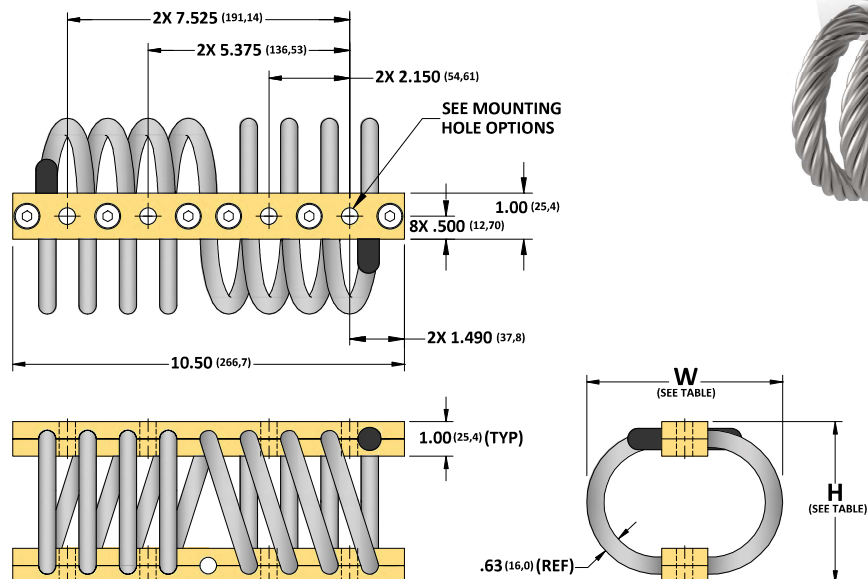




PART NUMBER	DIMENSIONS in (mm)		ISOLATOR WEIGHT lbs (kg)	COMPRESSION			SHEAR/ROLL (AVG)		
	H ±.06	W (REF)		Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)	Kv (VIBE) (lbs/in)	Ks (SHOCK) (lbs/in)	MAX. DEFLECT. (in)
M20-350-08-[]	3.50 (88,9)	4.00 (101,6)	6.35 (2.88)	7009	3497	1.20	2160	1753	1.20
M20-390-08-[]	3.90 (99,1)	4.40 (111,8)	6.50 (2.95)	5665	2717	1.60	1474	1358	1.60
M20-430-08-[]	4.30 (109,2)	5.30 (134,6)	7.00 (3.18)	4491	1760	2.00	954	902	2.00
M20-470-08-[]	4.70 (119,4)	6.00 (152,4)	8.23 (3.74)	2532	1163	2.40	589	602	2.40
M20-500-08-[]	5.00 (127,0)	6.50 (165,1)	8.74 (3.97)	2028	917	2.70	559	497	2.70
M20-530-08-[]	5.30 (134,6)	7.00 (177,8)	9.29 (4.22)	1838	709	3.00	399	403	3.00
M20-600-08-[]	6.00 (152,4)	7.75 (196,8)	10.20 (4.63)	1493	497	3.70	251	276	3.70

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 2.26lbs (1.02kg) 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

M20 - 430 - 08 - - E

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 M20 SERIES.
- ISOLATOR SPRING RATES ARE DIRECTLY PROPORTIONAL TO NO. OF CABLE LOOPS.

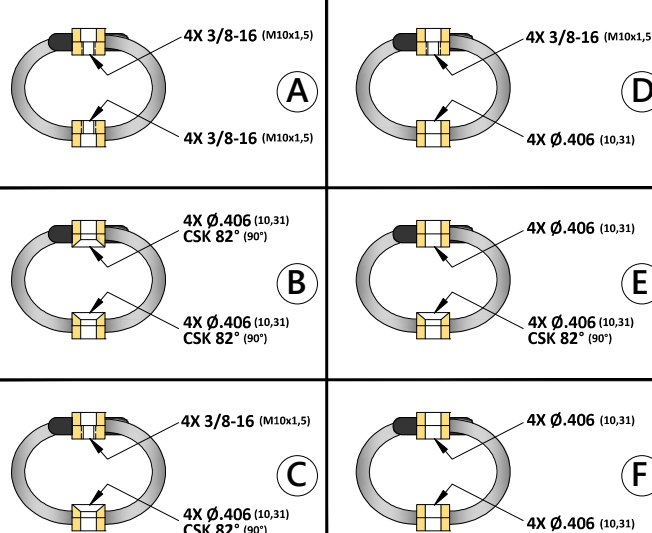
MODEL SIZE

- BASED ON ISOLATOR HEIGHT

SERIES

- CABLE DIAMETER IN 32NDS

MOUNTING HOLE OPTIONS



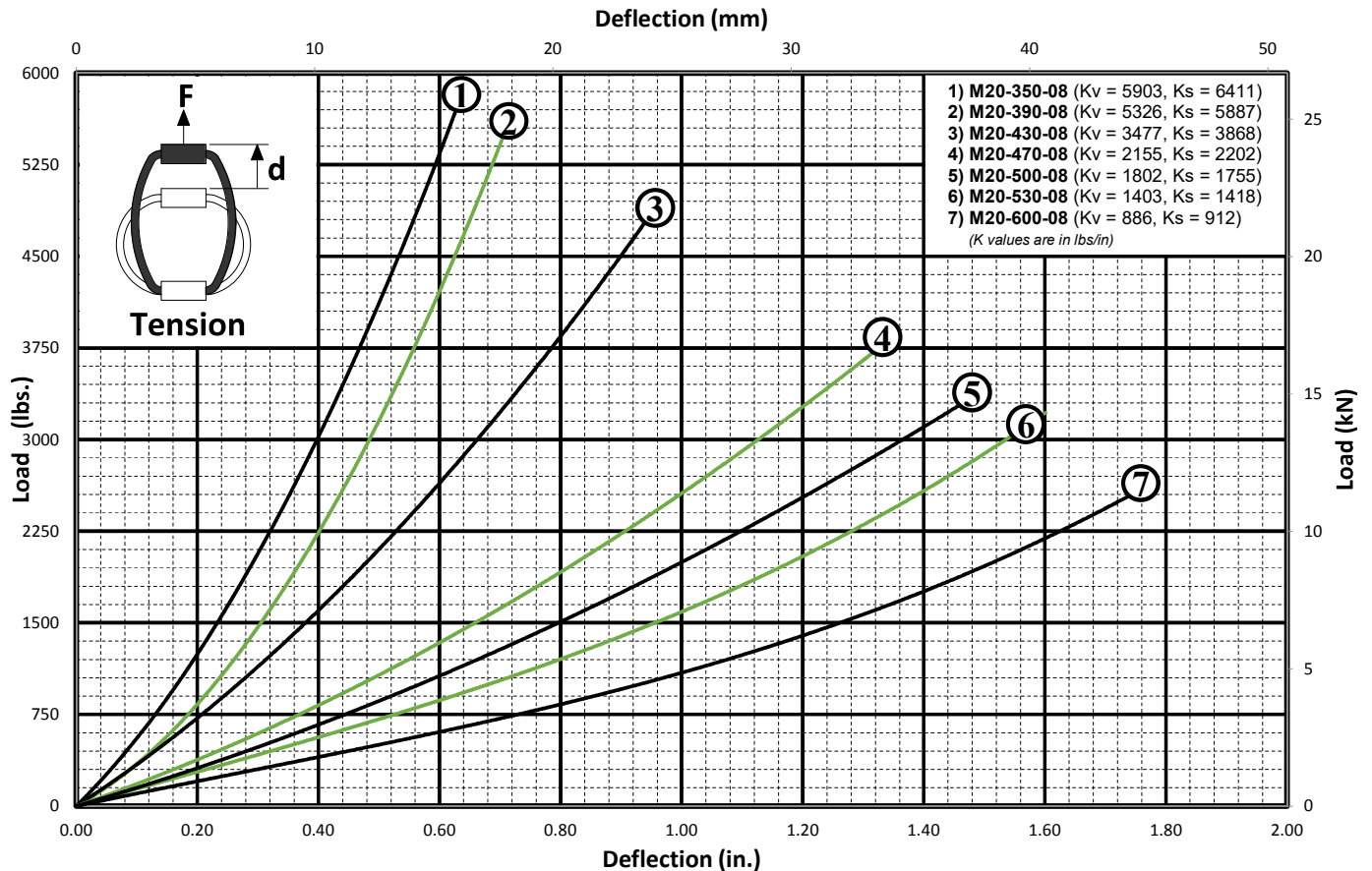
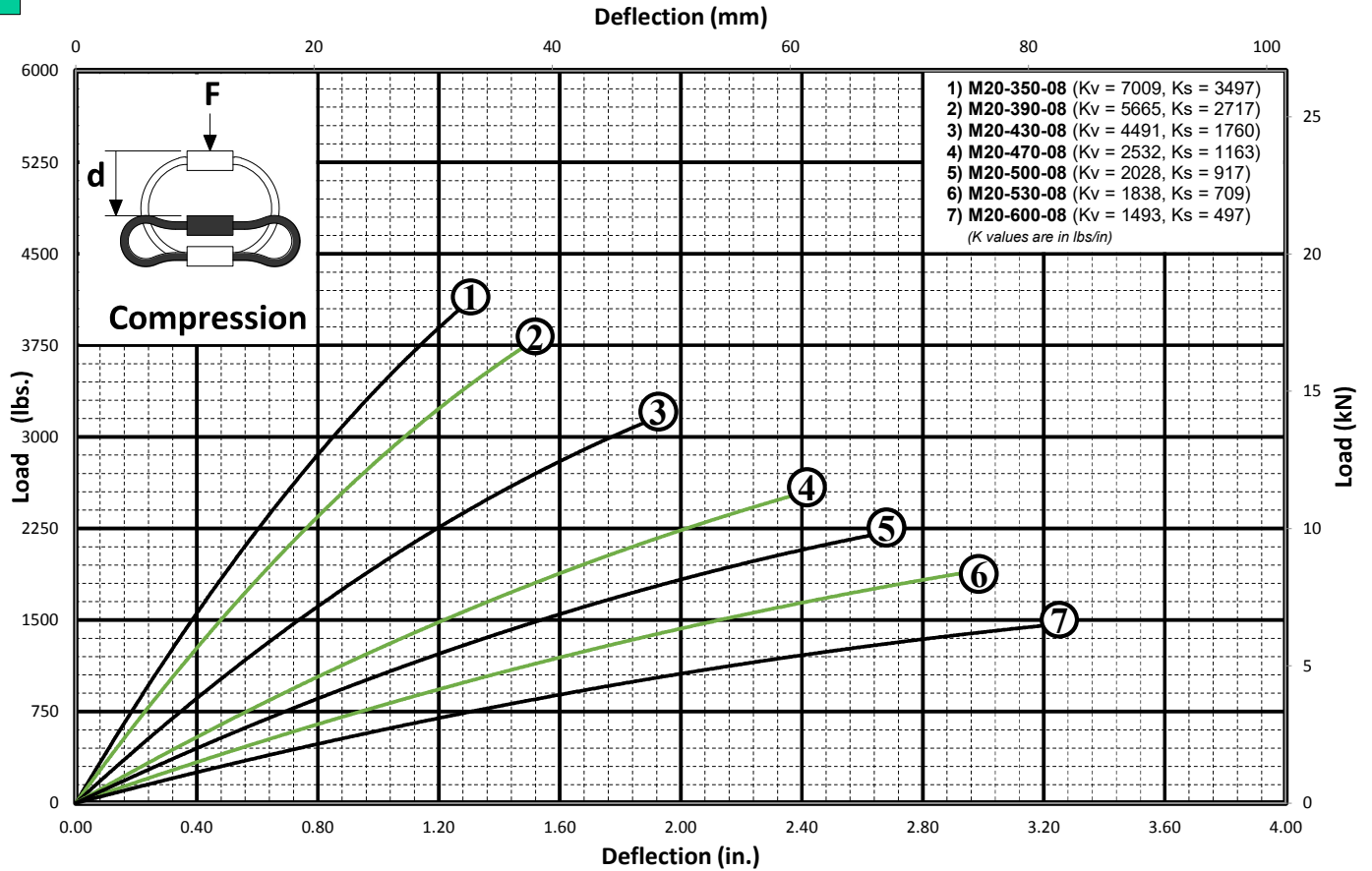


M20 SERIES

5/8" DIAMETER CABLE

Design Data Sheet

Helical Isolator



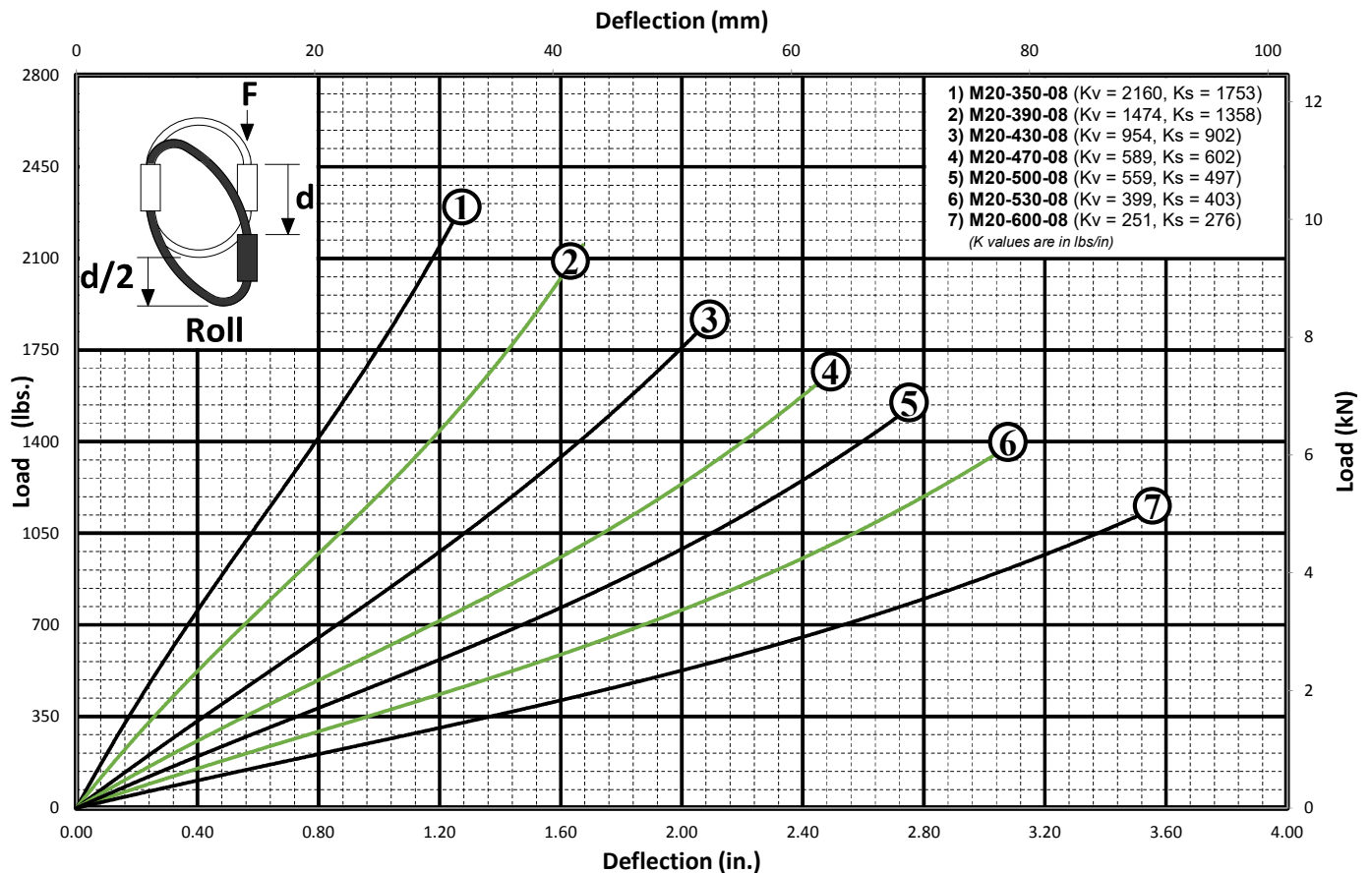
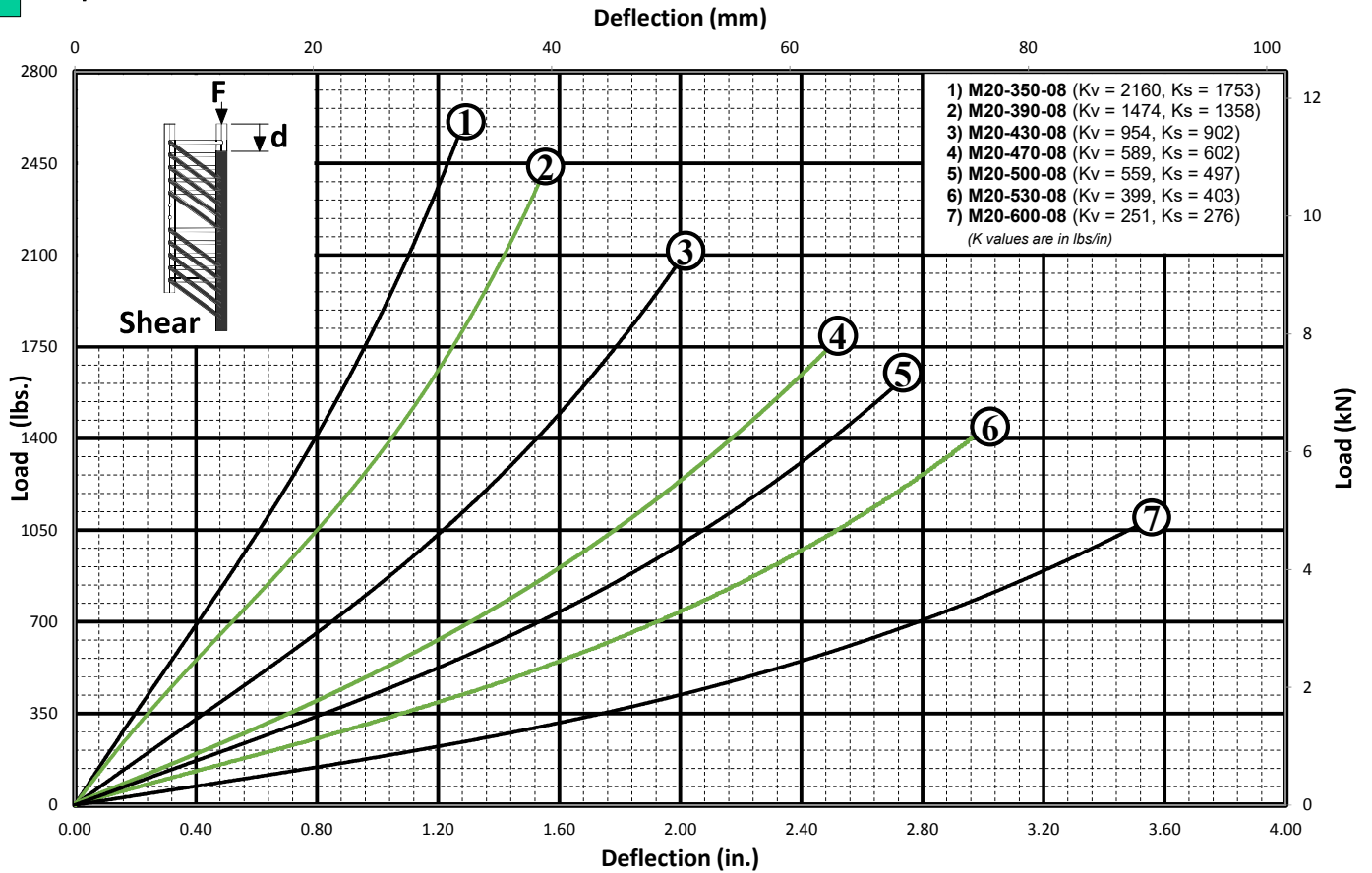


M20 SERIES

5/8" DIAMETER CABLE

Design Data Sheet

Helical Isolator





M20 SERIES

5/8" DIAMETER CABLE

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