

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)
M18-350-04-[]	3.50 (88,9)	4.13 (104,9)	4.40 (2.00)	2900	2050	1.40	1020	1028	1.40
M18-375-04-[]	3.75 (95,3)	4.25 (108,0)	4.80 (2.18)	2364	1574	1.65	946	894	1.65
M18-400-04-[]	4.00 (101,6)	4.88 (124,0)	5.20 (2.36)	2000	1412	1.90	598	702	1.90
M18-450-04-[]	4.50 (114,3)	5.38 (136,7)	5.70 (2.59)	1232	818	2.40	574	504	2.40
M18-515-04-[]	5.15 (130,8)	5.78 (146,8)	6.20 (2.82)	1030	612	2.95	420	414	2.95
M18-565-04-[]	5.65 (143,5)	6.25 (158,8)	6.90 (3.13)	878	526	3.45	244	294	3.45
M18-600-04-[]	6.00 (152,4)	6.75 (171,5)	7.30 (3.31)	848	384	3.80	208	194	3.80
M18-635-04-[]	6.35 (161,3)	7.23 (183,6)	7.60 (3.45)	824	312	4.10	114	146	4.10

NOTES, FEATURES, MATERIALS/FINISHES

NOTES:

- MOUNTING HOLE TOLERANCES: ±0.010 (±0.25mm).
- ALL DIMENSIONS IN PARENTHESIS ARE METRIC (mm).
- SPECIALS AVAILABLE UPON REQUEST (MATERIALS, SIZE, MOUNTING HOLES, FINISH, ETC...)
- ADD 1.50lbs (.68kg) 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/Cc ≈ .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

M18 - 450 - 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 M18 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

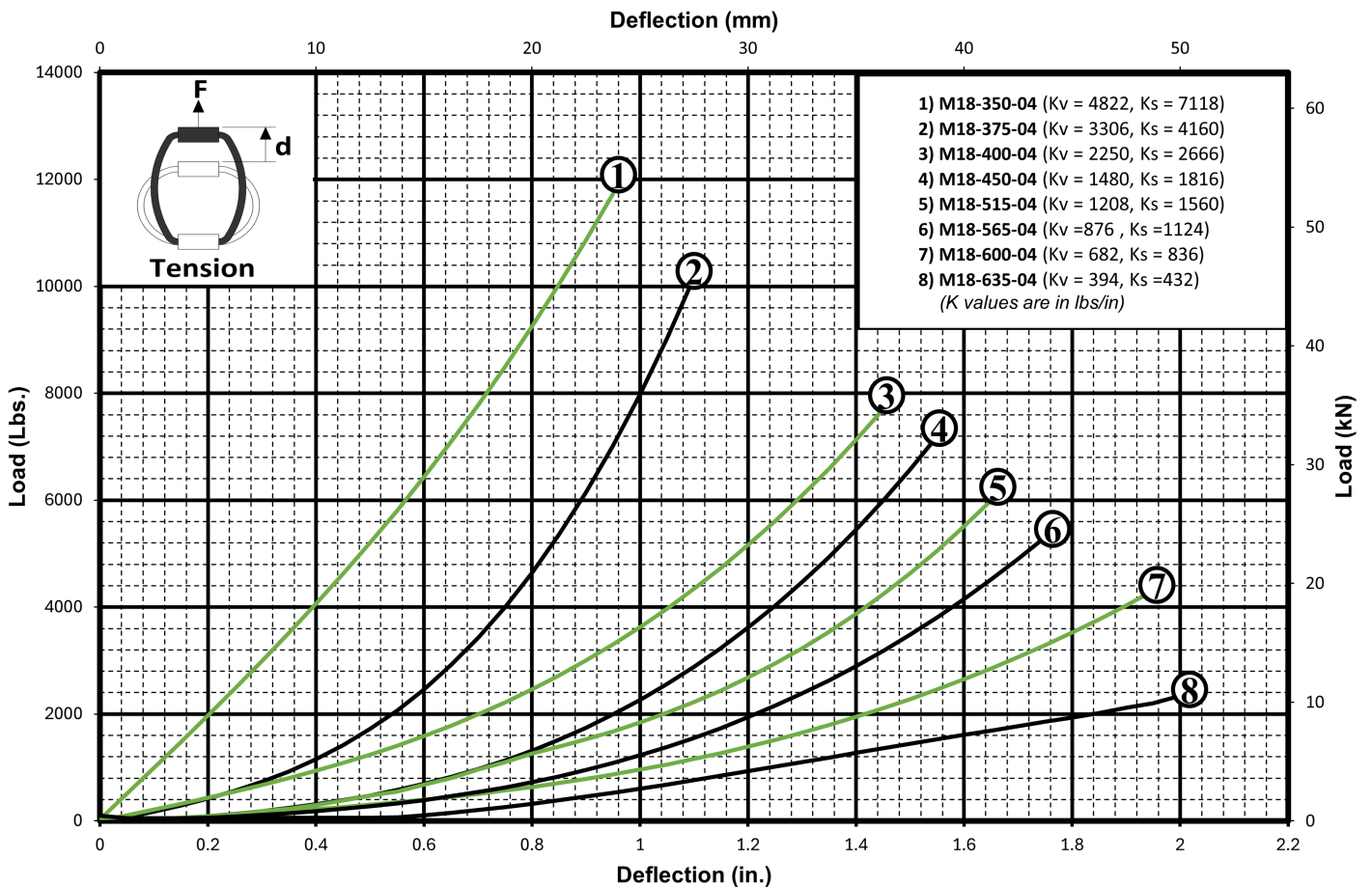
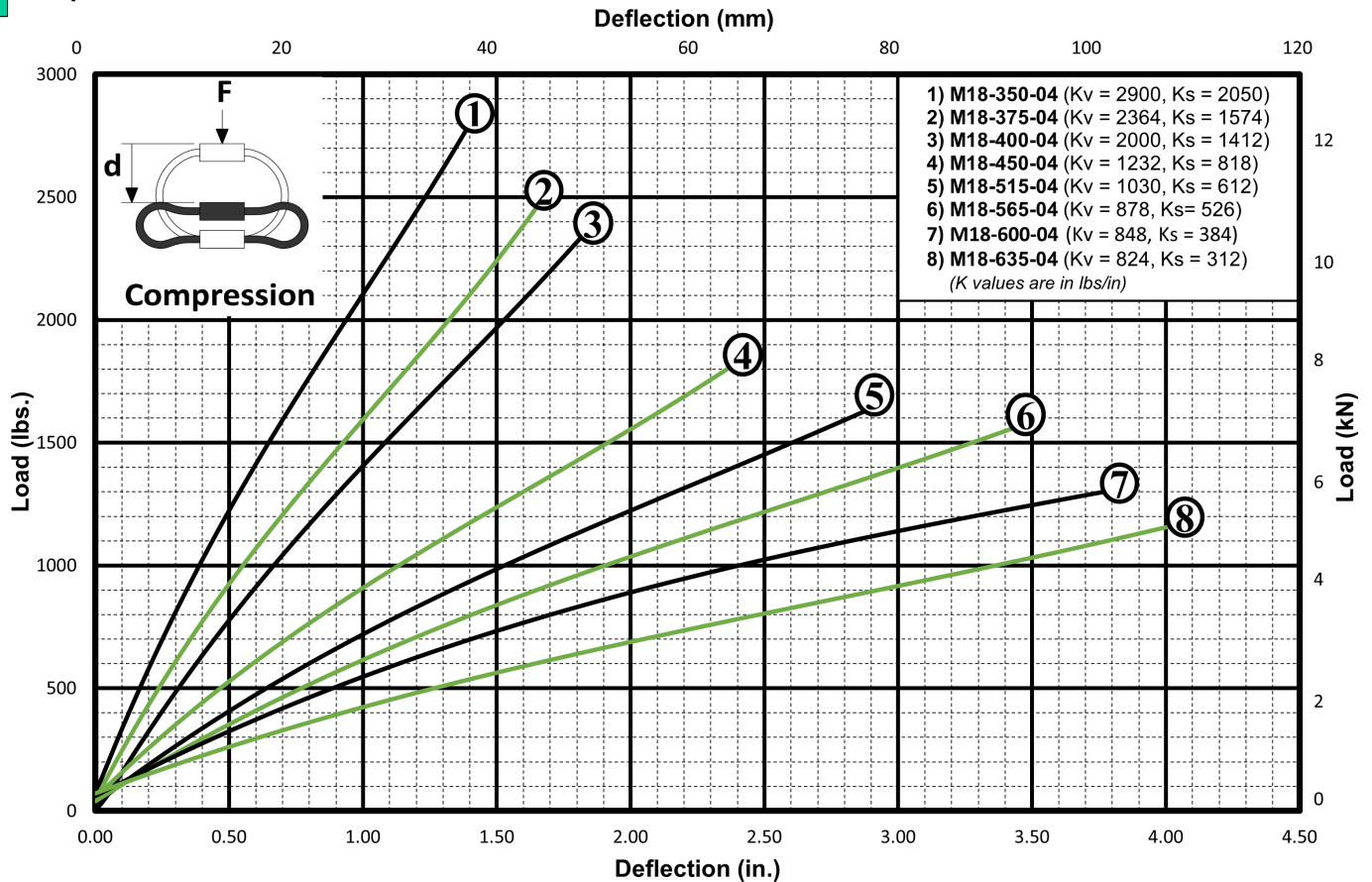
- A**: 4X 5/16-18 (M8x1,25)
- B**: 4X Ø.344 (8,74) CSK 82° (90°)
- C**: 4X 5/16-18 (M8x1,25) and 4X Ø.344 (8,74) CSK 82° (90°)
- D**: 4X 5/16-18 (M8x1,25) and 4X Ø.344 (8,74)
- E**: 4X Ø.344 (8,74) CSK 82° (90°)
- F**: 4X Ø.344 (8,74)



M18 SERIES

9/16" DIAMETER CABLE

Helical Isolator



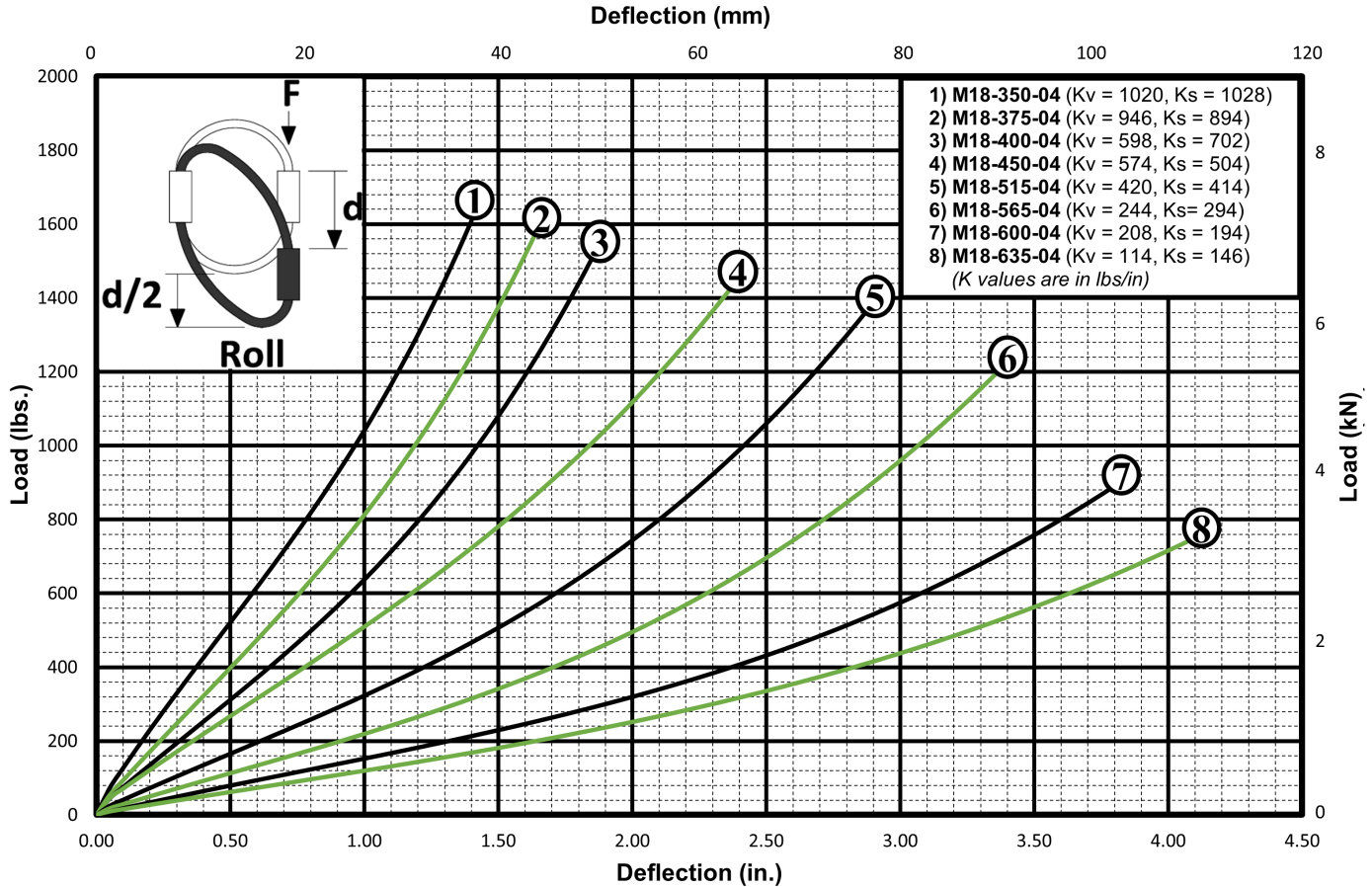
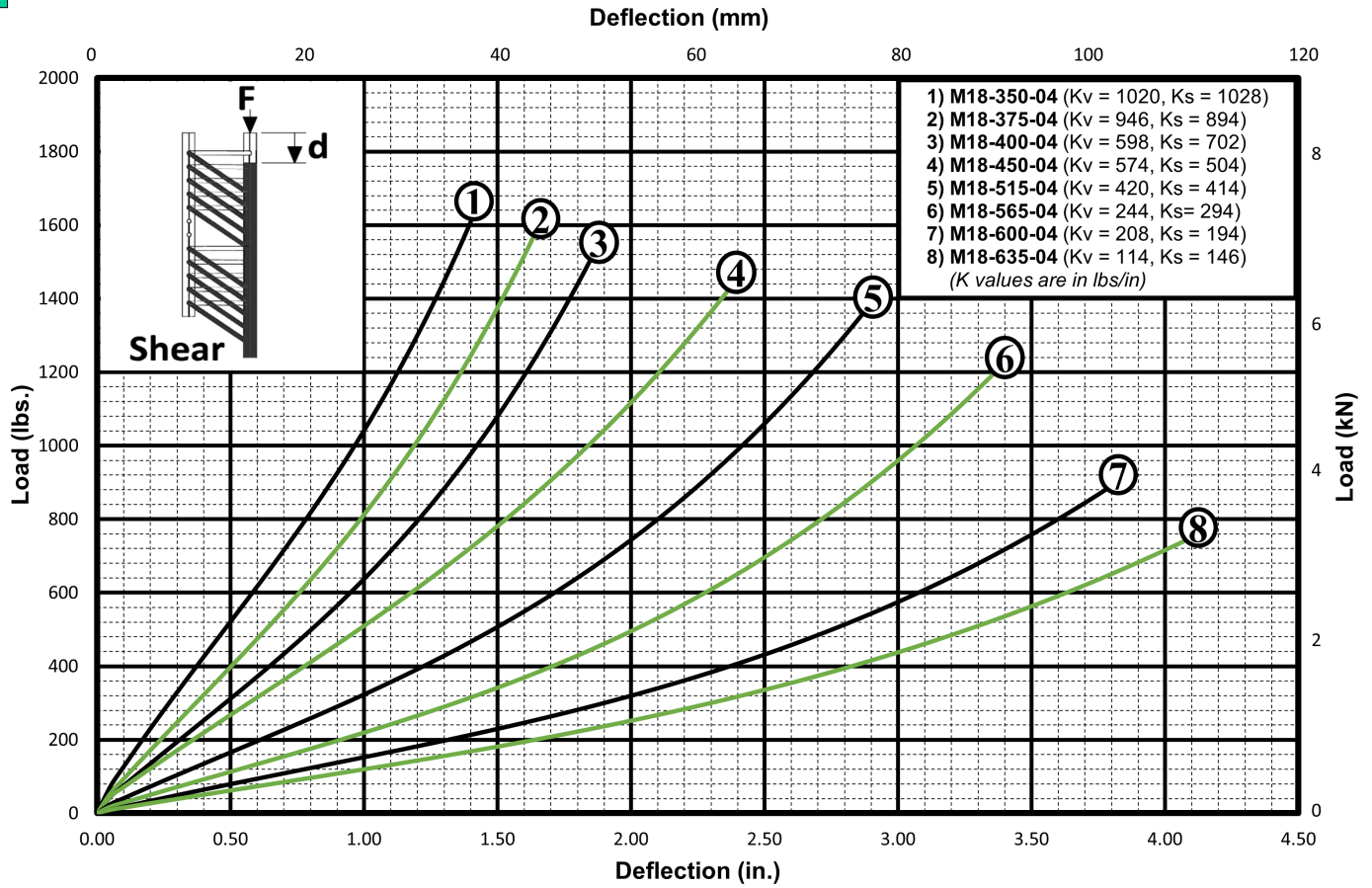


M18 SERIES

Design Data Sheet

9/16" DIAMETER CABLE

Helical Isolator





M18 SERIES

9/16" DIAMETER CABLE

Helical Isolator

