

Note: Dimensions are in inches (mm)
Tolerances are ± .010 (± .25mm)

8X Mounting Holes
See Mounting Options

Size	Height "H" in. (mm)	Width (Ref) "W" in. (mm)	Unit Weight Lbs. (Kg)	Mounting Options	Thru Hole in. (mm)	Thread in. (mm)	C'sink Imperial (Metric)
WR16-206	3.00 (76)	3.63 (92)	3.00 (1,36)	A, B, C, D, E, S	Ø.354 ^{+0.005} _{-.015} (Ø9,0 ^{+0.13} _{-.038})	1/4-28 UNF *(M8 X 1,25)	82° (90°)
WR16-306	3.25 (83)	4.00 (102)	3.15 (1,43)				
WR16-406	3.50 (89)	4.13 (105)	3.30 (1,50)				
WR16-606	3.75 (95)	4.75 (121)	3.68 (1,67)				
WR16-706	4.25 (108)	5.25 (133)	3.98 (1,81)				
WR16-806	4.90 (124)	5.65 (144)	4.46 (2,02)				
WR16-856	5.40 (137)	6.13 (156)	4.80 (2,18)				
WR16-906	6.10 (155)	7.10 (180)	5.10 (2,31)				

* Tapped M8 x 1.25, Inserts M7 x 1.0

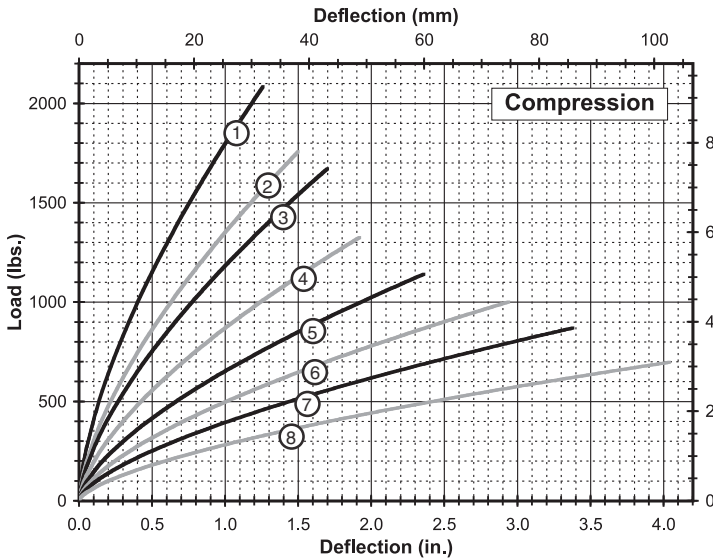
Model Number Ordering Code	
WR16 - 406 - 6	Feature Options: * [] - None [R] - Bellmouth Mount Bars
D	Wire Rope Options: * [] - 302/304 Stainless Steel (or Equiv.) [G] - Galvanized Steel [N] - Nylon Coated Stainless Steel
H	Mount Bar Options: * [] - 6061-T6 AL ALY (or Equiv.) Chem Conv. Coated [Y] - 6061-T6 AL ALY (or Equiv.) Anodized [P] - 302/304 Stainless Steel (or Equiv.) Passivated
M	Add "M" for Metric For C'sink and Threaded Options
P	Threaded Hole Options: * [] - Tapped [H] - Helical Insert, Free Running [L] - Helical Insert, Self Locking
N	Mounting Options: See Chart
R	Number of Loops: 06 (Reduced Number of Loops Available)
	Isolator Size: See Sizing Table

Mounting Options		

- Maximum recommended torque for threaded bar is 115 in.-lbs. (20 Nm)
- Operating Temperature Range: -150°F to 500°F (-100°C to 260°C)

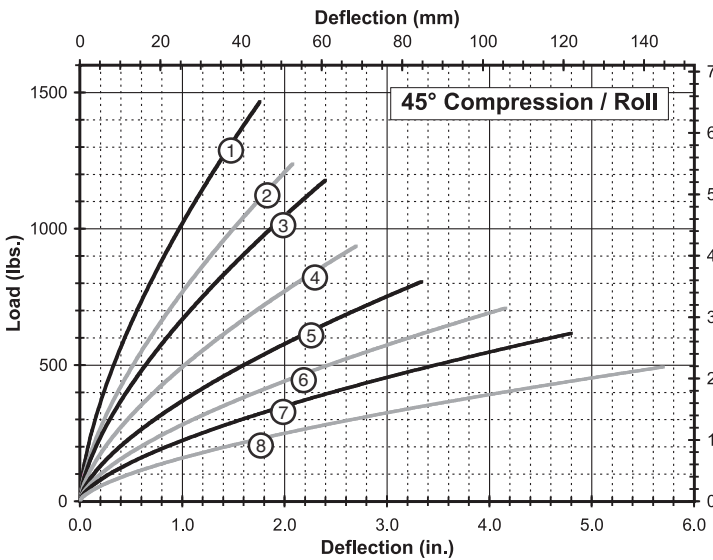
* Standard features. Any non-standard items may require longer lead times. Call for quotation.

Static Load vs. Deflection



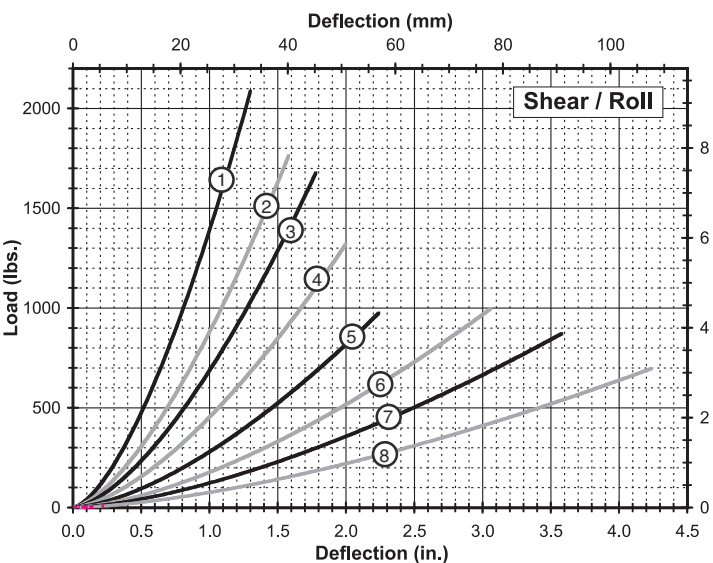
Compression

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR16-206-06	615 (2 736)	1.26 (32,0)	4,090 (716)	2,010 (352)
2	WR16-306-06	515 (2 291)	1.50 (38,1)	3,030 (531)	1,420 (249)
3	WR16-406-06	485 (2 157)	1.70 (43,2)	2,630 (461)	1,190 (208)
4	WR16-606-06	390 (1 735)	1.92 (48,8)	1,960 (343)	840 (147)
5	WR16-706-06	330 (1 468)	2.36 (59,9)	1,460 (256)	590 (103)
6	WR16-806-06	290 (1 290)	2.94 (74,7)	1,120 (196)	410 (72)
7	WR16-856-06	255 (1 134)	3.38 (85,9)	880 (154)	310 (54)
8	WR16-906-06	205 (912)	4.04 (102,6)	635 (111)	210 (37)



45° Compression/Roll

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR16-206-06	435 (1 935)	1.76 (44,7)	2,310 (405)	1,010 (177)
2	WR16-306-06	365 (1 624)	2.08 (52,8)	1,700 (298)	720 (126)
3	WR16-406-06	345 (1 535)	2.40 (61,0)	1,500 (263)	600 (105)
4	WR16-606-06	275 (1 223)	2.70 (68,6)	1,110 (194)	420 (74)
5	WR16-706-06	235 (1 045)	3.34 (84,8)	825 (144)	290 (51)
6	WR16-806-06	205 (912)	4.16 (105,7)	630 (110)	210 (37)
7	WR16-856-06	180 (801)	4.80 (121,9)	500 (88)	160 (28)
8	WR16-906-06	140 (623)	5.70 (144,8)	355 (62)	110 (19)

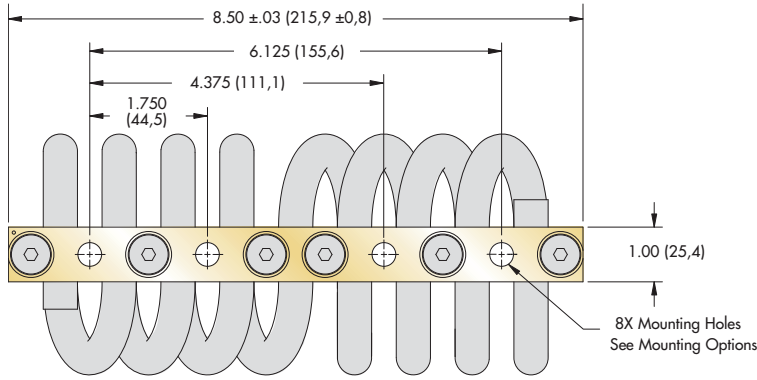


Shear/Roll

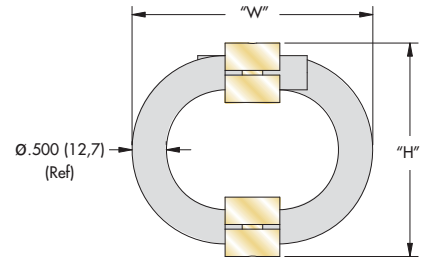
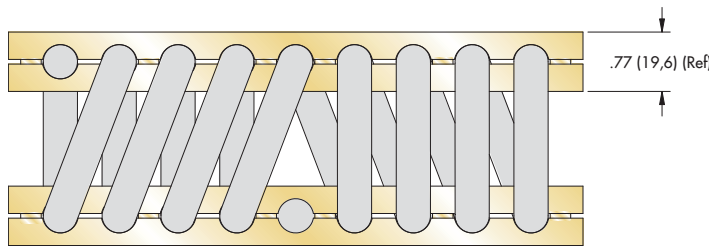
Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR16-206-06	335 (1 490)	1.30 (33,0)	1,260 (221)	1,260 (221)
2	WR16-306-06	275 (1 223)	1.58 (40,1)	890 (156)	890 (156)
3	WR16-406-06	255 (1 134)	1.78 (45,2)	740 (130)	740 (130)
4	WR16-606-06	205 (912)	2.00 (50,8)	520 (91)	520 (91)
5	WR16-706-06	135 (601)	2.24 (56,9)	340 (60)	340 (60)
6	WR16-806-06	100 (445)	3.06 (77,7)	260 (46)	260 (46)
7	WR16-856-06	75 (334)	3.58 (90,9)	190 (33)	190 (33)
8	WR16-906-06	50 (222)	4.24 (107,7)	130 (23)	130 (23)

Note: Performance provided for full loop models with standard (302/304) stainless steel cable. Consult ENIDINE for other options. Do not extrapolate curves.

Technical Data



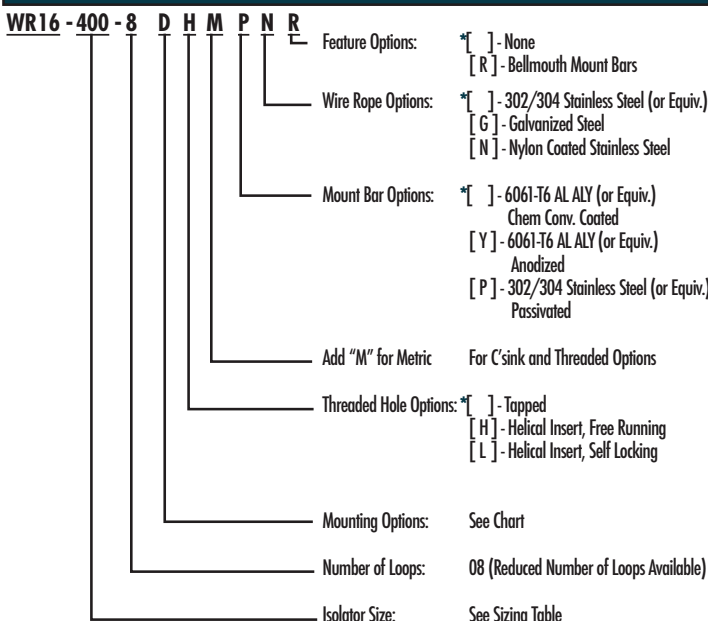
Note: Dimensions are in inches (mm)
Tolerances are ± .010 (± .25mm)



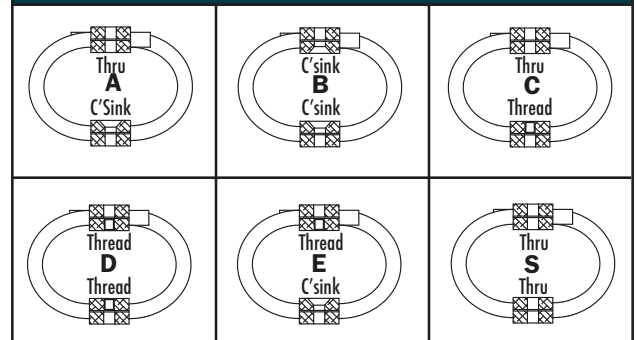
Size	Height "H" in. (mm)	Width (Ref) "W" in. (mm)	Unit Weight Lbs. (Kg)	Mounting Options	Thru Hole in. (mm)	Thread in. (mm)	C'sink Imperial (Metric)
WR16-200	3.00 (76)	3.63 (92)	4.00 (1,81)	A, B, C, D, E, S	Ø.354 +.005 -.015 (Ø9.0 +0.13 -0.38)	1/4-28 UNF *(M8 X 1,25)	82° (90°)
WR16-300	3.25 (83)	4.00 (102)	4.20 (1,91)				
WR16-400	3.50 (89)	4.13 (105)	4.40 (2,00)				
WR16-600	3.75 (95)	4.75 (121)	4.90 (2,22)				
WR16-700	4.25 (108)	5.25 (133)	5.30 (2,40)				
WR16-800	4.90 (124)	5.65 (144)	5.95 (2,70)				
WR16-850	5.40 (137)	6.13 (156)	6.40 (2,90)				
WR16-900	6.10 (155)	7.10 (180)	6.80 (3,09)				

* Tapped M8 x 1.25, Inserts M7 x 1.0

Model Number Ordering Code



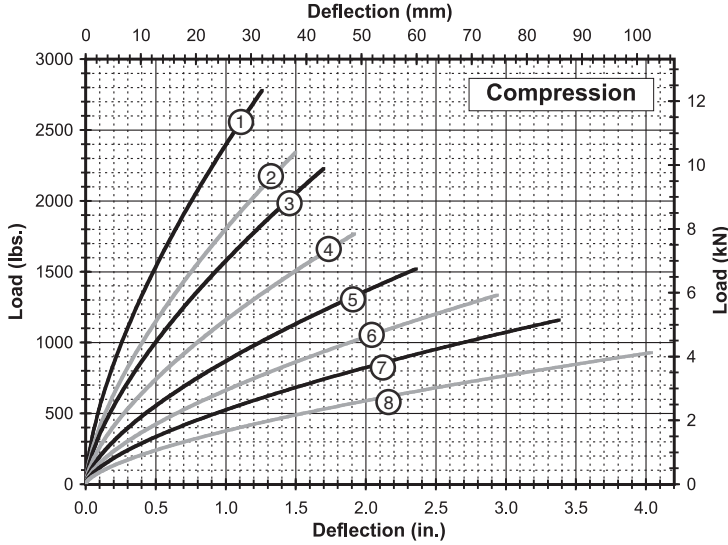
Mounting Options



- Maximum recommended torque for threaded bar is 115 in.-lbs. (20 Nm)
- Operating Temperature Range: -150°F to 500°F (-100°C to 260°C)

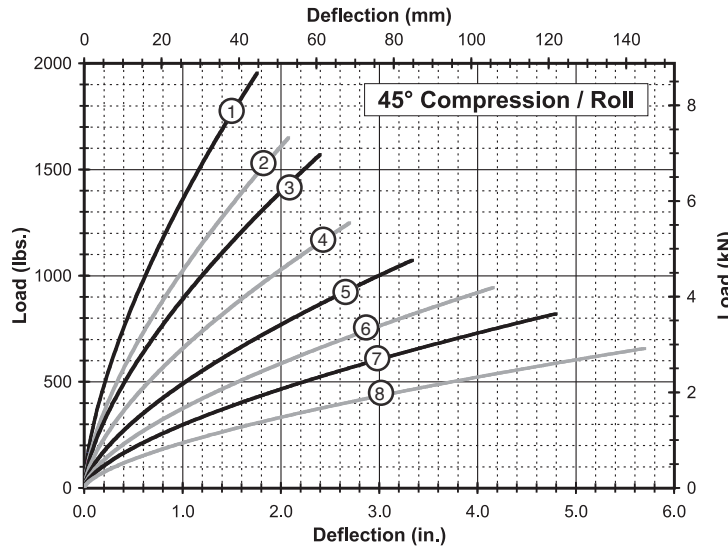
* Standard features. Any non-standard items may require longer lead times. Call for quotation.

Static Load vs. Deflection



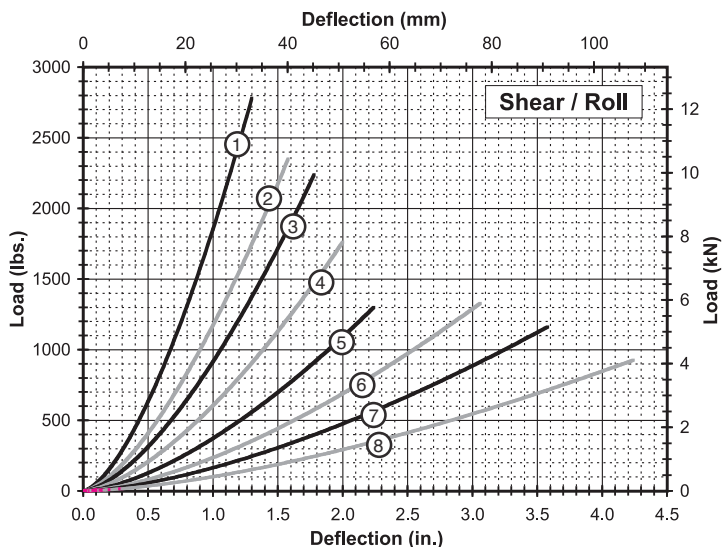
Compression

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR16-200-08	820 (3 648)	1.26 (32,0)	5,450 (954)	2,690 (471)
2	WR16-300-08	685 (2 047)	1.50 (38,1)	4,040 (708)	1,900 (333)
3	WR16-400-08	645 (2 869)	1.70 (43,2)	3,500 (613)	1,590 (278)
4	WR16-600-08	520 (2 313)	1.92 (48,8)	2,610 (457)	1,120 (196)
5	WR16-700-08	440 (1 957)	2.36 (59,9)	1,940 (340)	780 (137)
6	WR16-800-08	390 (1 735)	2.94 (74,7)	1,490 (261)	550 (96)
7	WR16-850-08	340 (1 512)	3.38 (85,9)	1,180 (207)	420 (74)
8	WR16-900-08	270 (1 201)	4.04 (102,6)	845 (148)	280 (49)



45° Compression/Roll

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR16-200-08	580 (2 580)	1.76 (44,7)	3,080 (539)	1,350 (236)
2	WR16-300-08	485 (2 157)	2.08 (52,8)	2,270 (398)	960 (168)
3	WR16-400-08	460 (2 046)	2.40 (61,0)	1,990 (349)	790 (138)
4	WR16-600-08	365 (1 624)	2.70 (68,6)	1,480 (259)	560 (98)
5	WR16-700-08	315 (1 401)	3.34 (84,8)	1,100 (193)	390 (68)
6	WR16-800-08	275 (1 223)	4.16 (105,7)	840 (147)	280 (49)
7	WR16-850-08	240 (1 068)	4.80 (121,9)	670 (117)	210 (37)
8	WR16-900-08	185 (823)	5.70 (144,8)	475 (83)	140 (25)



Shear/Roll

Curve	Model	Max Static Load Lbs. (N)	Max Deflection in. (mm)	Kv (vibration) Lbs./in. (kN/m)	Ks (shock) Lbs./in. (kN/m)
1	WR16-200-08	660 (2 936)	1.30 (33,0)	1,680 (294)	1,680 (294)
2	WR16-300-08	385 (1 713)	1.58 (40,1)	1,180 (207)	1,180 (207)
3	WR16-400-08	350 (1 557)	1.78 (45,2)	990 (173)	990 (173)
4	WR16-600-08	270 (1 201)	2.00 (50,8)	690 (121)	690 (121)
5	WR16-700-08	180 (801)	2.24 (56,9)	460 (81)	460 (81)
6	WR16-800-08	135 (601)	3.06 (77,7)	340 (60)	340 (60)
7	WR16-850-08	100 (445)	3.58 (90,9)	260 (46)	260 (46)
8	WR16-900-08	65 (289)	4.24 (107,7)	170 (30)	170 (30)

Note: Performance provided for full loop models with standard (302/304) stainless steel cable. Consult ENIDINE for other options. Do not extrapolate curves.