

HELICAL ISOLATORS - HM08500 SERIES

1/2" DIA CABLE

| EVANS Part Number | Dimensions(in.) | | Compression | | Shear & Roll | | 45° Compression/Roll | |
|----------------------|-----------------|------|---------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|
| | H | O.D. | Avg. Rate(lb/in) | Max Deflection(in) | Avg. Rate(lb/in) | Max Deflection(in) | Avg. Rate(lb/in) | Max Deflection(in) |
| HM08500-1 | 3.25 | 4.00 | 1730 | 1.5 | 795 | 1.2 | 705 | 2.5 |
| HM08500-2 | 3.50 | 4.13 | 1492 | 1.6 | 674 | 1.3 | 604 | 2.7 |
| HM08500-3 | 3.75 | 4.75 | 1159 | 1.7 | 507 | 1.5 | 409 | 3.2 |
| HM08500-4 | 4.25 | 5.25 | 718 | 2.3 | 357 | 1.8 | 280 | 3.5 |
| HM08500-5 | 4.90 | 5.65 | 469 | 2.8 | 243 | 2.3 | 180 | 4.0 |
| HM08500-6 | 5.40 | 6.13 | 339 | 3.5 | 209 | 2.6 | 134 | 4.5 |
| HM08500-7 | 6.10 | 7.10 | 229 | 4.1 | 120 | 3.0 | 87 | 5.2 |

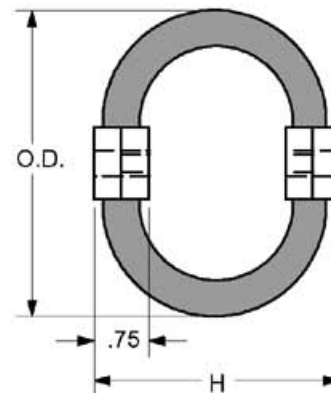
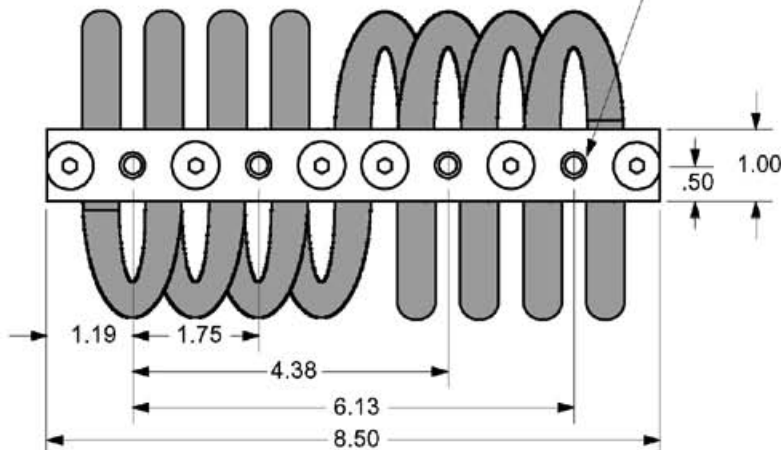


Mounting Options (Add Suffix To Part #)

A - 1/4-28 Threaded Inserts Both Bars (8X) (SHOWN)

B - Ø .328 Thru - CSK To .66 X 82° Both Bars (8X)

C - 1/4-28 Threaded Inserts - One Bar (4X)
CSK Holes - Other Bar (4X)



**REVISION 2
REDRAWN NOVEMBER 18, 1997**

SPECIFICATIONS

CABLE:

RETAINING BARS:

RETAINING SCREWS:

Stainless Steel per Fed Spec RR-W-410 D-1

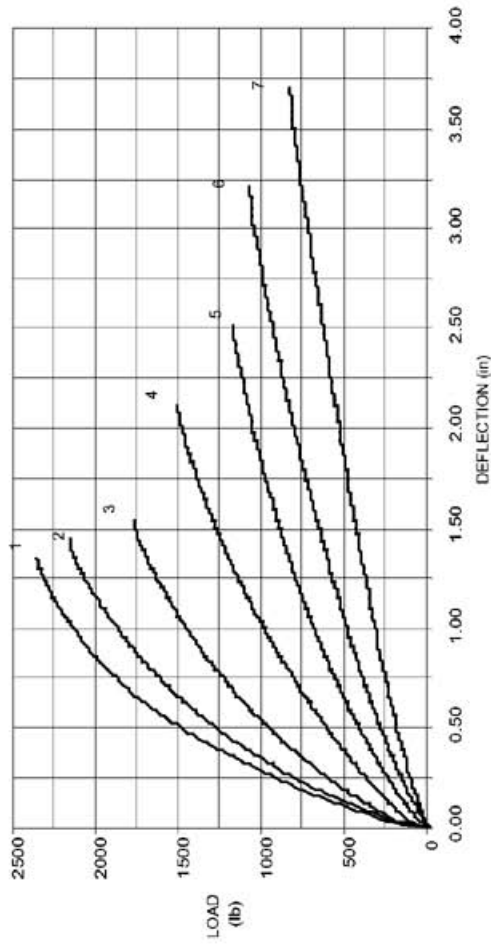
Aluminum Alloy - 6061-T6 - Iridited per MIL-C-5541

Alloy Steel - Cadmium Plated per QQ-P-416 or Stainless Steel

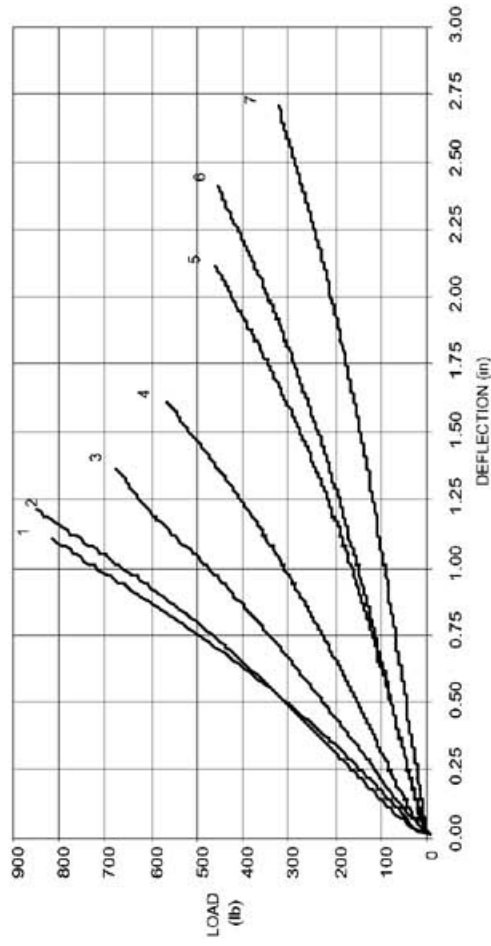
See other side for force-deflection curves.

HM08500 SERIES

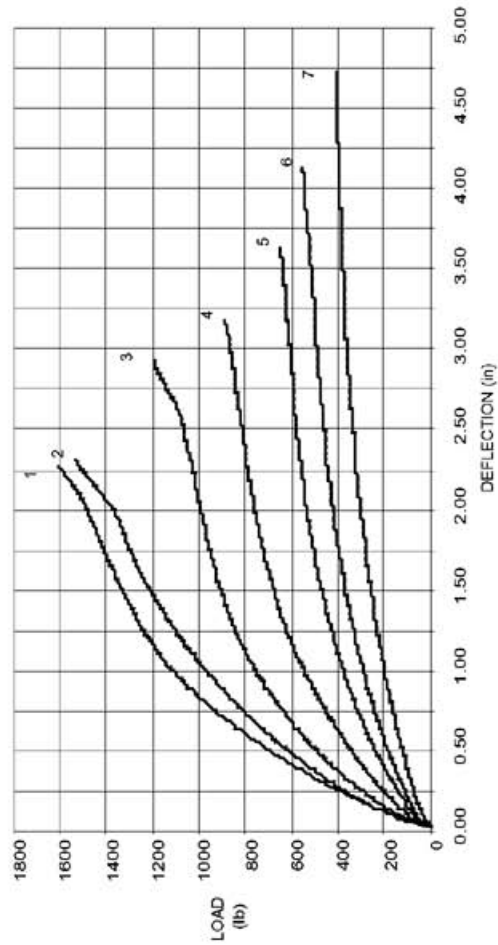
COMPRESSION



SHEAR



45° COMPRESSION/ROLL



ROLL

