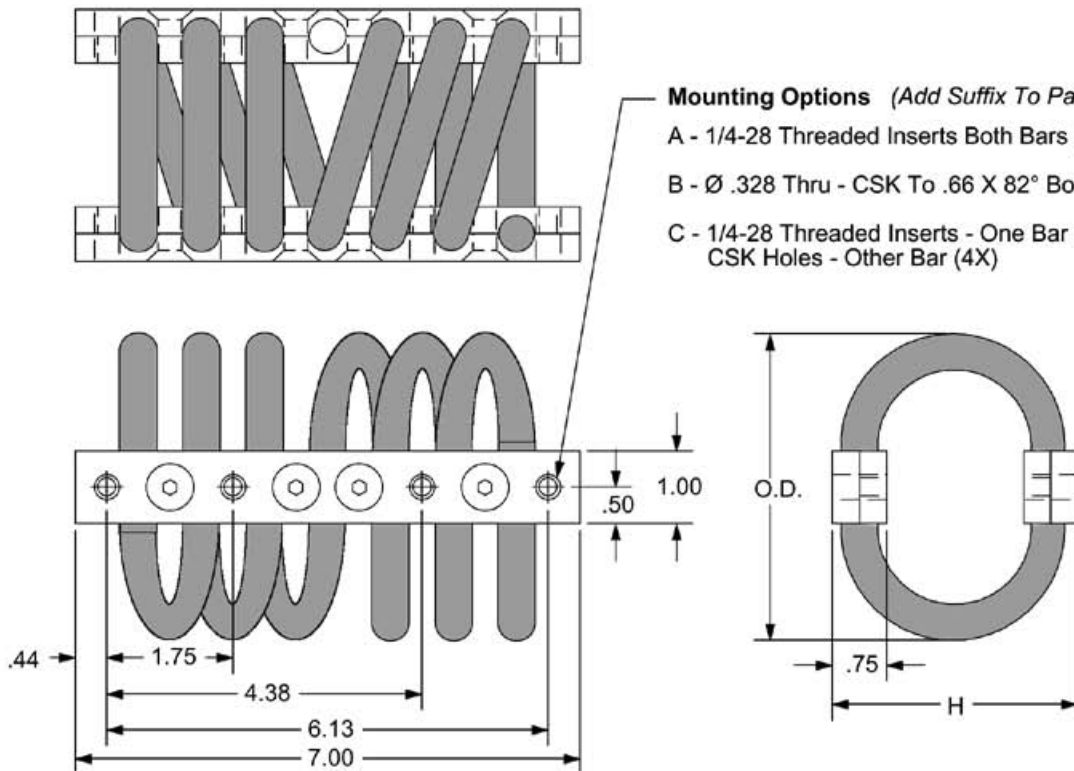


## HELICAL ISOLATORS - HM06500 SERIES

### 1/2" DIA CABLE

| EVANS<br>Part Number | Dimensions(in.) |      | Compression         |                       | Shear & Roll        |                       | 45° Compression/Roll |                       |
|----------------------|-----------------|------|---------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|
|                      | H               | O.D. | Avg.<br>Rate(lb/in) | Max<br>Deflection(in) | Avg.<br>Rate(lb/in) | Max<br>Deflection(in) | Avg.<br>Rate(lb/in)  | Max<br>Deflection(in) |
| HM06500-1            | 3.25            | 4.00 | 1301                | 1.5                   | 598                 | 1.2                   | 578                  | 2.5                   |
| HM06500-2            | 3.50            | 4.13 | 1122                | 1.6                   | 506                 | 1.3                   | 486                  | 2.7                   |
| HM06500-3            | 3.75            | 4.75 | 869                 | 1.7                   | 380                 | 1.5                   | 307                  | 3.2                   |
| HM06500-4            | 4.25            | 5.25 | 568                 | 2.3                   | 292                 | 1.8                   | 222                  | 3.5                   |
| HM06500-5            | 4.90            | 5.65 | 383                 | 2.8                   | 182                 | 2.3                   | 135                  | 4.0                   |
| HM06500-6            | 5.40            | 6.13 | 255                 | 3.5                   | 157                 | 2.6                   | 101                  | 4.5                   |
| HM06500-7            | 6.10            | 7.10 | 167                 | 4.1                   | 99                  | 3.0                   | 62                   | 5.2                   |



**REVISION 2  
REDRAWN NOVEMBER 18, 1997**

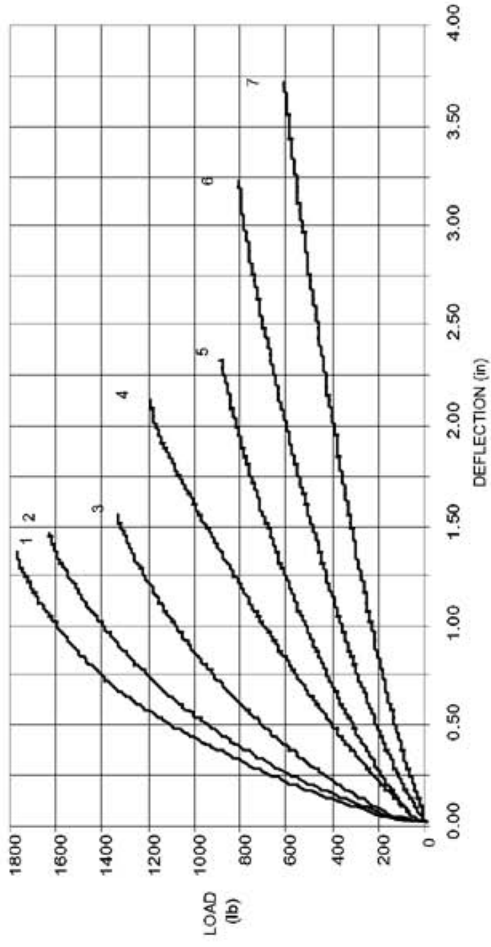
#### SPECIFICATIONS

CABLE: Stainless Steel per Fed Spec RR-W-410 D-1  
 RETAINING BARS: Aluminum Alloy - 6061-T6 - Iridited per MIL-C-5541  
 RETAINING SCREWS: Alloy Steel - Cadmium Plated per QQ-P-416 or Stainless Steel

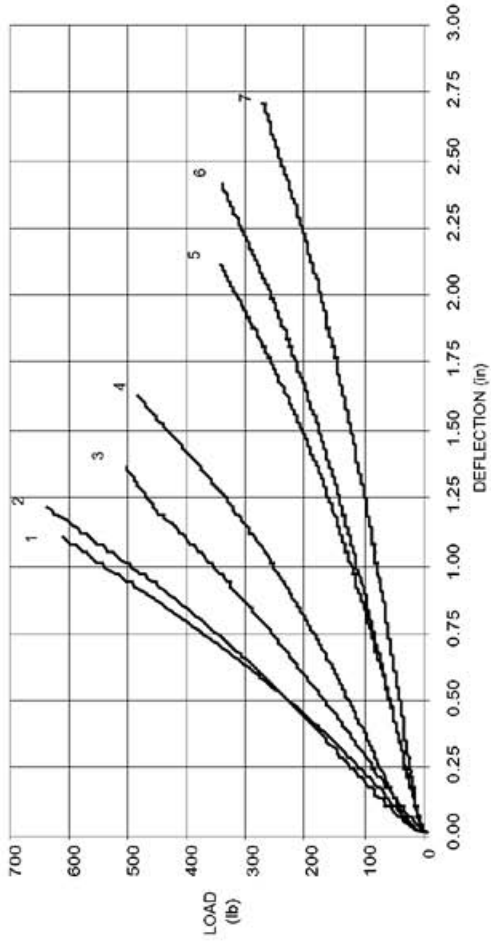
*See other side for force-deflection curves.*

# HM06500 SERIES

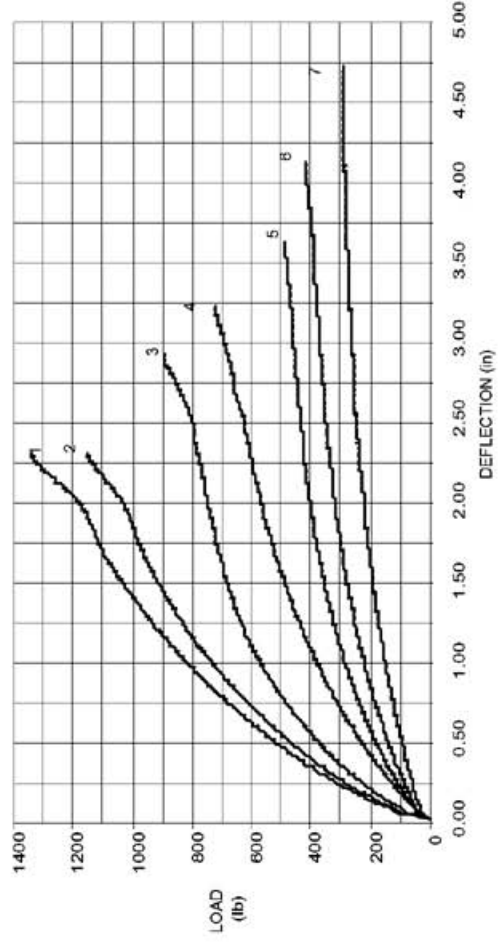
**COMPRESSION**



**SHEAR**



**45° COMPRESSION/ROLL**



**ROLL**

