



Flexible Drive Couplings

Pump/Motor Mounts

Cylinder Rod End Alignment Couplers

Fluid Power Accessories

Hydraulic Manifolds & Manifolding Accessories

Hydraulic Reservoirs

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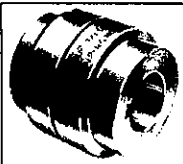
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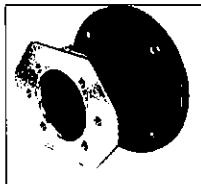
### Flexible Drive Couplings:

Magnaloy offers 9 models of magnesium drive couplings and 1 model of a powdered metal drive coupling. The PM90 model coupling (powdered metal) is available in bore sizes from 7/16 inch (12 mm) to 1 1/8 inch (28 mm) with torque ratings up to 672 in-lbs. The premium line of drive couplings (magnesium) are available in bore sizes from 3/8 inch (10 mm) up to 4 3/4 inch (120 mm) and torque ratings up to 71,763 in-lbs. Standard, metric and spline bores are available from stock and most other special & custom orders ship in 3 to 10 business days.



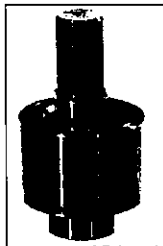
### Pump/Motor Mounts:

Magnaloy offers the most complete line of pump/motor mounts in the industry. Mounts are available in aluminum casting or welded steel construction in horizontal and vertical designs for electric motor, gasoline or diesel engine to hydraulic pump applications. All mounts are machined to precision tolerances to assure proper alignment between the motor and pump pilot. Special configurations including metric sizes are our specialty.



### Cylinder Rod End Alignment Couplers:

The Magnaloy Rod Alignment Coupler combines extended misalignment capabilities and strength to provide the most versatile alignment coupler available. The Magnaloy Rod Alignment Coupler is offered in two designs from 5/16-24 thread to 4 1/4-12 thread with a maximum rated load of 370,850 lbs. The M-Series provides 10° spherical misalignment and 1/8 inch lateral misalignment while the new R-Series provides 7 1/2° spherical misalignment and 1/8 inch lateral misalignment. The new R-Series design allows retro-fit from competitive brands while offering increased strength and misalignment capabilities. Both series are available in metric thread sizes.



### Fluid Power Accessories

Magnaloy's accessory line includes a complete selection of Filler Breather Caps, Screens, Flanges and Adapters to allow custom design of filler breather



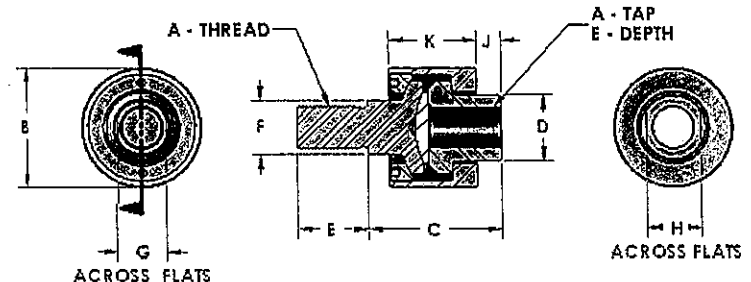
## M - Series Dimensions



### M - Series

| PART NO.                               | A<br>THREAD<br>SIZE          | B      | C*     | D     | E     | F              | G     | H              | J*    | K     | MAX.<br>RATED<br>LOAD         | PULL AT<br>YIELD              | APPROX.<br>WEIGHT<br>(LBS.) |
|--|------------------------------|--------|--------|-------|-------|----------------|-------|----------------|-------|-------|-------------------------------|-------------------------------|-----------------------------|
| M010-01024<br>M010-01224               | 5/16-24<br>3/8-24            | 1.562  | 1.750  | 0.750 | 0.500 | 0.625          | 0.500 | 0.625          | 0.375 | 1.031 | 1,450<br>2,425                | 8,800<br>9,700                | 0.5                         |
| M015-01420<br>M015-01620               | 7/16-20<br>1/2-20            | 1.562  | 2.000  | 0.750 | 0.750 | 0.625          | 0.500 | 0.625          | 0.500 | 1.031 | 3,250<br>4,450                | 13,000<br>17,800              | 0.6                         |
| M020-02018<br>M020-02416<br>M020-02814 | 5/8-18<br>3/4-16<br>7/8-14   | 2.125  | 2.312  | 1.250 | 1.125 | 1.000          | 0.875 | 1.125          | 0.531 | 1.312 | 7,150<br>9,050<br>14,450      | 28,600<br>36,200<br>57,800    | 1.4                         |
| M030-10014<br>M040-10812               | 1-14<br>1-1/4-12             | 2.750  | 3.062  | 1.500 | 1.625 | 1.250          | 1.125 | 1.250          | 0.562 | 2.000 | 19,425<br>30,825              | 77,700<br>123,300             | 3.3<br>6.9                  |
| M050-11612<br>M050-12412               | 1-1/2-12<br>1-3/4-12         | 4.000  | 4.375  | 2.250 | 2.250 | 1.750<br>2.000 | 1.500 | 1.937          | 0.875 | 2.750 | 45,750<br>58,350              | 183,000<br>233,400            | 9.8                         |
| M060-12812<br>M060-20012               | 1-7/8-12<br>2-12             | 5.000  | 5.625  | 3.000 | 3.000 | 2.250          | 2.000 | 2.625          | 1.375 | 3.375 | 67,550<br>77,450              | 270,200<br>309,800            | 19.8                        |
| M070-20812                             | 2-1/4-12                     | 6.750  | 6.375  | 3.250 | 3.500 | 2.750          | 2.375 | 2.875          | 1.625 | 3.750 | 99,250                        | 397,000                       | 35.3                        |
| M080-21612<br>M080-22412<br>M080-30012 | 2-1/2-12<br>2-3/4-12<br>3-12 | 7.000  | 6.500  | 4.000 | 3.500 | 3.250          | 2.875 | 3.375<br>3.500 | 1.625 | 3.875 | 123,750<br>150,950<br>180,850 | 495,000<br>603,800<br>723,400 | 45.3                        |
| M100-30812                             | 3-1/4-12                     | 9.250  | 8.500  | 5.250 | 4.500 | 4.000          | 3.375 | 4.500          | 2.000 | 5.500 | 213,450                       | 853,800                       | ---                         |
| M140-40812                             | 4 1/4-12                     | 12.875 | 11.250 | 7.750 | 4.500 | 5.500          | 4.875 | 7.000          | 1.500 | 8.750 | 370,850                       | 1,483,400                     | ---                         |

\* Tolerance +/- .030 inch, all other dimensions +/- .015 inch



M - Series

magnaloy coupling company 501 Commerce Drive Alpena, MI 49707 989 356-2186

A Division of Douville Johnston Corporation Fax: 989 354-4190 http://www.magnaloy.com