**FLUIDICSHOKS®**

**Specifications: M-SERIES Fluidicshoks®**

- Cylinder & Piston Rod ~ Type 17-4 PH stainless steel, ½ micro inch finish on sealing surfaces.
- Piston ~ Fluidic design, bronze construction non-clogging plate type reset valve.
- Seal & Cap ~ One piece DuPont Delrin, non-time dated, self sealing.
- Fluid ~ Non-toxic, non-flammable, +600 degrees F.
- Operating Range ~ -40 degrees F to +160 degrees F operating range, -80 degrees F to +210 degrees F storage.
- Reset System ~ Internal coil spring.

**Ordering Notes:**

All M-Series Shock Absorbers are custom orificed. Input energy can be from 10% to 100% of capacity listed, at speeds from 10 in/sec. to 150 in/sec.

Specify: Model and calculated energy input at maximum velocity.

Example: ¾ x ½ MS, 650 in-lb. at 100 in/sec.

For sizing assistance, consult factory.

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<tbody>
<tr>
<td>1/2 x 1/4 MS</td>
<td>170</td>
<td>.25</td>
<td>850</td>
<td>11</td>
<td>.50</td>
<td>2.25</td>
<td>1.67</td>
<td>.25</td>
<td>3/8–24 UNF</td>
<td>.38</td>
<td>2</td>
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<tr>
<td>3/4 x 1/2 MS</td>
<td>750</td>
<td>.50</td>
<td>1900</td>
<td>12</td>
<td>.75</td>
<td>2.87</td>
<td>2.06</td>
<td>.38</td>
<td>1/2–20 UNF</td>
<td>.50</td>
<td>4</td>
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<tr>
<td>1 x 3/4 MS</td>
<td>2400</td>
<td>.75</td>
<td>4000</td>
<td>16</td>
<td>1.00</td>
<td>3.87</td>
<td>2.75</td>
<td>.50</td>
<td>5/8–8 UNF</td>
<td>.62</td>
<td>7</td>
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<tr>
<td>1-1/4 x 1 MS</td>
<td>5600</td>
<td>1.00</td>
<td>7000</td>
<td>18</td>
<td>1.25</td>
<td>5.38</td>
<td>3.88</td>
<td>.63</td>
<td>3/4–16 UNF</td>
<td>.75</td>
<td>14</td>
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**PERFORMANCE**

*Actual Output Photographs of Taylor Fluidicshoks®*