Hager residential hinges enhance the design of any home, with finishes that range from bright brass and antique bronze to satin nickel and bright chrome. Homeowners also gain additional peace of mind with Hager features such as interlocking security stud protection, fast riveted pins with rivet heads that are formed on both ends to prevent removal of the hinge pin, and hinges with non-removable pin set screws.
RESIDENTIAL HINGES

Hager residential hinges are provided without lubrication. We recommend lubricating the hinges after installation. All residential hinges conform to the "Light Weight" requirements of ANSI A156.1.

Finishes (not all hinges are available in all finishes)

<table>
<thead>
<tr>
<th>US &amp; Hager</th>
<th>Description</th>
<th>Steel</th>
<th>Brass</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1D</td>
<td>Black</td>
<td>631</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2D</td>
<td>Brass Tone Dichromate</td>
<td>604</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2CD</td>
<td>Brushed Zinc Plate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>H2H</td>
<td>Mechanical Galvanized</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>3</td>
<td>Bright Brass</td>
<td>632</td>
<td>605</td>
<td>N/A</td>
</tr>
<tr>
<td>3LB</td>
<td>Light Brass</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>4</td>
<td>Satin Brass</td>
<td>633</td>
<td>606</td>
<td>N/A</td>
</tr>
<tr>
<td>10A</td>
<td>Antique Brass, Lacquered</td>
<td>641</td>
<td>614</td>
<td>N/A</td>
</tr>
<tr>
<td>10R</td>
<td>Matte Lacquered Antique Bronze</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>15</td>
<td>Satin Nickel</td>
<td>646</td>
<td>619</td>
<td>N/A</td>
</tr>
<tr>
<td>26</td>
<td>Bright Chromium Plated</td>
<td>651</td>
<td>625</td>
<td>N/A</td>
</tr>
<tr>
<td>26D</td>
<td>Satin Chromium Plated</td>
<td>652</td>
<td>626</td>
<td>N/A</td>
</tr>
<tr>
<td>32</td>
<td>Stainless Steel Metal, Bright</td>
<td>N/A</td>
<td>N/A</td>
<td>629</td>
</tr>
<tr>
<td>32D</td>
<td>Stainless Steel Metal, Satin</td>
<td>N/A</td>
<td>N/A</td>
<td>630</td>
</tr>
<tr>
<td>P</td>
<td>Prime Coat</td>
<td>600</td>
<td>600</td>
<td>N/A</td>
</tr>
<tr>
<td>ABA/US5</td>
<td>Antique Brass</td>
<td>638</td>
<td>609</td>
<td>N/A</td>
</tr>
<tr>
<td>AN/US15A</td>
<td>Antique Nickel</td>
<td>647</td>
<td>620</td>
<td>N/A</td>
</tr>
</tbody>
</table>
### RESIDENTIAL HINGES

#### FULL MORTISE

**FIVE KNUCKLE**

**1541**

**Plain Bearing**
- Brass with brass pin (ANSI A2134) or stainless steel with stainless steel pin (ANSI A5134)
- Reversible
- Square corners
- Removable pin

**BB1541**

**Ball Bearing**
- Stainless steel with stainless steel pin (ANSI A5114)
- Reversible
- Square corners
- Removable pin

**RC1541**

**Plain Bearing**
- Brass with brass pin (ANSI A2134) or stainless steel with stainless steel pin (ANSI A5134)
- Reversible
- Round corners - 1/4” (6 mm) radius
- Removable pin

**RCBB1541**

**Ball Bearing**
- Stainless steel with stainless steel pin (ANSI A5114)
- Reversible
- Round corners - 1/4” (6 mm) radius
- Removable pin

**1542**

**Plain Bearing**
- Brass with brass pin (ANSI A2134) or stainless steel with stainless steel pin (ANSI A5134)
- Assembled right hand
- Square by 5/8” (16 mm) radius
- Removable pin

**BB1542**

**Ball Bearing**
- Brass with brass pin (ANSI A2114) or stainless steel with stainless steel pin (ANSI A5114)
- Assembled right hand
- Square by 5/8” (16 mm) radius
- Removable pin

**RC1542**

**Plain Bearing**
- Brass with brass pin (ANSI A2134) or stainless steel with stainless steel pin (ANSI A5134)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Removable pin

**RCBB1542**

**Ball Bearing**
- Stainless steel with stainless steel pin (ANSI A5114)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Removable pin

---

**Hinge Size**

<table>
<thead>
<tr>
<th>Inches</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2 x 3-1/2</td>
<td>89 x 89</td>
<td>6</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>
RESIDENTIAL HINGES

FIVE KNUCKLE (CONTINUED)

1741
Plain Bearing
- Steel with steel pin (ANSI A5134)
- Reversible
- Square corners
- Removable pin

BB1741
Ball Bearing
- Steel with steel pin (ANSI A8114)
- Reversible
- Square corners
- Removable pin

RC1741 | 7741
Plain Bearing
- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 1/4” (6 mm) radius
- Removable pin
- 7741 is RC1741 bulk unassembled

RCBB1741
Ball Bearing
- Steel with steel pin (ANSI A8114)
- Reversible
- Round corners - 1/4” (6 mm) radius
- Removable pin

Hinge Size

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3*</td>
<td>76 x 76</td>
<td>0.085*</td>
<td>6*</td>
<td>3/4 x 9 FH*</td>
</tr>
<tr>
<td>3-1/2 x 3-1/2</td>
<td>89 x 89</td>
<td>0.085</td>
<td>6</td>
<td>3/4 x 9 FH</td>
</tr>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>0.085</td>
<td>8</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>

*3 x 3 not available for BB1741 or RCBB1741.
**RESIDENTIAL HINGES**

**FIVE KNUCKLE (CONTINUED)**

**1816**  
Plain Bearing  
- Steel with steel pin (ANSI A8134)  
- Assembled right hand  
- Square by 5/8" (16 mm) radius  
- Removable pin  
- Bulk assembled

**BB1816**  
Ball Bearing  
- Steel with steel pin (ANSI A8114)  
- Assembled right hand  
- Square by 5/8" (16 mm) radius  
- Removable pin

**1817**  
Plain Bearing  
- Steel with steel pin (ANSI A8134)  
- Assembled left hand  
- Square by 5/8" (16 mm) radius  
- Removable pin  
- Bulk assembled

**BB1817**  
Ball Bearing  
- Steel with steel pin (ANSI A8114)  
- Assembled left hand  
- Square by 5/8" (16 mm) radius  
- Removable pin

**1848**  
Plain Bearing  
- Steel with steel pin (ANSI A8134)  
- Reversible  
- Square by 5/8" (16 mm) radius  
- Removable pin  
- Unassembled - 2 per box

**8746**  
Plain Bearing  
- Steel with steel pin (ANSI A8134)  
- Square by 5/8" (16 mm) radius  
- Safety stud  
- Bulk unassembled

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>

FIVE KNUCKLE (CONTINUED)
RESIDENTIAL HINGES

FIVE KNUCKLE (CONTINUED)

RC1842 | RC1841 | 8741
Plain Bearing
- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Removable pin
RC1841 is RC1842 bulk assembled
8741 is RC1842 bulk unassembled

RCBB1842
Ball Bearing
- Steel with steel pin (ANSI A8114)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Removable pin

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2 x 3-1/2</td>
<td>89 x 89</td>
<td>6</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>

RC1843
Plain Bearing
- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Removable pin
- Security stud

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>

RC1847
Plain Bearing
- Steel with steel pin (ANSI A8134)
- Reversible
- Square by 5/8” (16 mm) radius
- Riveted security pin
- Also available bulk assembled

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>

SIX KNUCKLE

RC1641 | 8641
Plain Bearing
- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Removable pin
- RC1641 is assembled, 8641 is bulk unassembled

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2 x 3-1/2</td>
<td>89 x 89</td>
<td>6</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>

RC1846
Plain Bearing
- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 5/8” (16 mm) radius
- Riveted security pin
- Also available bulk assembled
- Not recommended for exterior use

<table>
<thead>
<tr>
<th>Hinge Size</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Pin Diameter</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4</td>
<td>102 x 102</td>
<td>8</td>
<td>0.234</td>
<td>3/4 x 9 FH</td>
</tr>
</tbody>
</table>
**SPRING**

Spring hinges are for automatic closing of doors. They are light weight for residential use. 1734 and 1744 are also for Timely Style frames.

**Hinge Recommendation**

<table>
<thead>
<tr>
<th>Recommended Max Door Weight (lbs)</th>
<th>Spring Hinge</th>
<th>Butt Hinge</th>
<th>Spring Hinge Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>1</td>
<td>2</td>
<td>Center</td>
</tr>
<tr>
<td>70</td>
<td>2</td>
<td>1</td>
<td>Top/Btm or Ctr/Btm</td>
</tr>
<tr>
<td>90</td>
<td>3</td>
<td>-</td>
<td>All</td>
</tr>
<tr>
<td>45</td>
<td>1</td>
<td>2</td>
<td>Center</td>
</tr>
<tr>
<td>70</td>
<td>2</td>
<td>1</td>
<td>Top/Btm or Ctr/Btm</td>
</tr>
<tr>
<td>90</td>
<td>3</td>
<td>-</td>
<td>All</td>
</tr>
</tbody>
</table>

**1734**
- Stainless steel (ANSI K51071F)
- Round corners - 1/4” (6 mm) radius
- Template hole pattern

**1744**
- Steel (ANSI K81071F)
- Round corners - 1/4” (6 mm) radius
- Template hole pattern

**SPRING HINGE LOCATION**

<table>
<thead>
<tr>
<th>Spring Hinge</th>
<th>Butt Hinge</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>Center</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Top/Btm or Ctr/Btm</td>
</tr>
<tr>
<td>3</td>
<td>-</td>
<td>All</td>
</tr>
</tbody>
</table>

**Hinge Size**

<table>
<thead>
<tr>
<th>Inches</th>
<th>Gauge of Metal</th>
<th>Hole Count</th>
<th>Screw Size (Wood)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4</td>
<td>0.106</td>
<td>8</td>
<td>1 x 9 FH</td>
</tr>
<tr>
<td>3-1/2 x 3-1/2</td>
<td>0.106</td>
<td>6</td>
<td>3/4 x 9 FH</td>
</tr>
<tr>
<td>4 x 4</td>
<td>0.106</td>
<td>8</td>
<td>1 x 9 FH</td>
</tr>
</tbody>
</table>

**1750**
- Steel (ANSI K81071F)
- Square corners

**1751**
- Steel (ANSI K81071F)
- Round corners - 1/4” (6 mm) radius

**1752**
- Steel (ANSI K81071F)
- Round corners - 5/8” (16 mm) radius

**1760**
- Stainless steel (ANSI K51071F)
- Square corners

**1761**
- Stainless steel (ANSI K51071F)
- Round corners - 1/4” (6 mm) radius

**1762**
- Stainless steel (ANSI K51071F)
- Round corners - 5/8” (16 mm) radius
RESIDENTIAL HINGES

1710
Residential Ball Tip Kit
Materials: Brass tips and stainless steel pin
Notes: • Includes 2 ball tips and 1 pin
• For use with 3-1/2” (89 mm) or 4” (102 mm) hinges

1720
Residential Steeple Tip Kit
Materials: Brass tips and stainless steel pin
Notes: • Includes 2 steeple tips and 1 pin
• For use with 3-1/2” (89 mm) or 4” (102 mm) hinges