

A close-up, high-angle photograph of a Hager residential hinge. The hinge is made of a dark, brushed metal, likely stainless steel or chrome. It features a central cylindrical knuckle and two rectangular plates with circular mounting holes. The Hager logo is embossed on the metal surfaces. The background is a dark, gradient grey.

Residential

Serving the needs of the homeowner, contractor, pre-hung door supplier, and hardware supplier, Hager residential hinges offer several finishes and styles to enhance the design on any home.

Hager residential hinges are available in square and two sizes of radius corners to match home designs ranging from traditional to contemporary. Coordinating finishes is one of many all-important detail aspects of the design process and we offer finishes ranging from stainless steel, chrome, nickel, antique brass, flat black and bright brass, which is making a comeback in the interior design industry.

Several of our most popular hinges are offered in bulk packs for large projects and unassembled to be used in large door assembly processes.

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General Information

Hager residential hinges are provided without lubrication. We recommend lubricating the hinges after installation. Remove the pin, apply white lithium grease to the pin, then re-insert. All residential hinges conform to the "Light Weight" requirements of ANSI A156.1.

Finishes (not all hinges are available in all finishes)

| US & Hager | Description | Steel | Brass | Stainless Steel |
|------------|-------------------------------------|---------|-------|-----------------|
| 1D | Flat Black | N/A | N/A | N/A |
| 2D | Brass Tone Dichromate | N/A | N/A | N/A |
| 2CD | Brushed Zinc Plate | N/A | N/A | N/A |
| 3 | Bright Brass | 632 | 605 | N/A |
| 3LB | Light Brass | N/A | N/A | N/A |
| 4 | Satin Brass | 633 | 606 | N/A |
| 10A | Antique Bronze, Lacquered | 641/643 | 614 | N/A |
| 10R | Matte Lacquered Dark Antique Bronze | N/A | N/A | N/A |
| 15 | Satin Nickel | 646 | 619 | N/A |
| 26 | Bright Chromium Plated | 651 | 625 | N/A |
| 26D | Satin Chromium Plated | 652 | 626 | N/A |
| 32 | Stainless Steel Metal, Bright | N/A | N/A | 629 |
| 32D | Stainless Steel Metal, Satin | N/A | N/A | 630 |
| 32D x CLR | Stainless Steel Metal, Satin, clear | N/A | N/A | 630 |
| P | Prime Coat - Beige | 600 | 600 | N/A |
| ABA/US5 | Antique Brass | 638 | 609 | N/A |
| AN/US15A | Antique Nickel | 647 | 620 | N/A |

Packing

Box pack - 2 hinges per box
Bulk pack - 100 hinges per box

Hager Residential Hole Patterns



3-1/2" x 3-1/2"
Refer to template
#T398



4" x 4"
Refer to template
#T399

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



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



BB1541

Ball Bearing

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



RCBB1542

Ball Bearing

- Stainless steel with stainless steel pin (ANSI A5114)
- Reversible
- Round corners - 5/8" (16 mm) radius
- 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

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|---------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 3-1/2 x 3-1/2 | 89 x 89 | 0.085 | 6 | 0.234 | 3/4 x 9 FH |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |



RCBB1541

Ball Bearing

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



1543

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

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|---------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 3-1/2 x 3-1/2 | 89 x 89 | 0.085 | 6 | 0.234 | 3/4 x 9 FH |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |



BB1543

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

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |

Full Mortise - Five Knuckle



1741

Plain Bearing

- Steel with steel pin (ANSI A8134)
- 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
- 7741 is RC1741 bulk unassembled
- RC1741 - specify box or bulk pack
- Round corners - 1/4" (6 mm) radius
- Removable pin



RCBB1741

Ball Bearing

- Steel with steel pin (ANSI A8114)
- Reversible
- Round corners - 1/4" (6 mm) radius
- Removable pin

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|---------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 3 x 3* | 76 x 76* | 0.085* | 6* | 0.234* | 3/4 x 9 FH* |
| 3-1/2 x 3-1/2 | 89 x 89 | 0.085 | 6 | 0.234 | 3/4 x 9 FH |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |

*3 x 3 not available for BB1741 or RCBB1741.

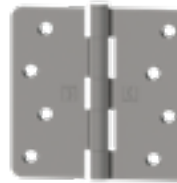


RC1748

Plain Bearing

- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 1/4" (6 mm) radius
- Removable pin
- Template hole pattern
- AMS and 1/2 wood screws

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size |
|---------------|---------|----------------|------------|--------------|--|
| Inches | mm | | | | |
| 3-1/2 x 3-1/2 | 89 x 89 | 0.085 | 6 | 0.234 | 1/2 x 10-24 (machine) 1 x 9 FH (wood) |



RC1749

Plain Bearing

- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 1/4" (6 mm) radius
- Removable pin
- Template hole pattern
- AMS and 1/2 wood screws

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size |
|------------|-----------|----------------|------------|--------------|--|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 1/2 x 12-24 (machine) 1-1/4 x 12 (wood) |

Full Mortise - Five Knuckle



1816

Plain Bearing

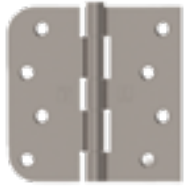
- Steel with steel pin (ANSI A8134)
- Assembled right hand
- Square by 5/8" (16 mm) radius
- Removable pin
- Bulk assembled



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
- AWS



8744

Plain Bearing

- Steel with steel pin (ANSI A8134)
- Square by 5/8" (16 mm) radius
- Bulk unassembled



1818

Plain Bearing

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



1819

Plain Bearing

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



8746

Plain Bearing

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

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |

Full Mortise - Five Knuckle



RC1842 | RC1841 | 8741 Plain Bearing

- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 5/8" (16 mm) radius
- RC1841 is RC1842 bulk assembled
- 8741 is RC1842 bulk unassembled
- RC1842 - Box pack (2 per box)
- Removable pin



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

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |



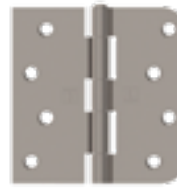
RCBB1841 Ball Bearing

- Steel with steel pin
- Reversible
- Round corners - 5/8" (16 mm) radius
- Removable pin



RCBB1842 Ball Bearing

- Steel with steel pin (ANSI A8114)
- Reversible
- Round corners - 5/8" (16 mm) radius
- Removable pin



RC1847 Plain Bearing

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

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|---------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 3-1/2 x 3-1/2 | 89 x 89 | 0.085 | 6 | 0.234 | 3/4 x 9 FH |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |



RC1843 Plain Bearing

- Steel with steel pin (ANSI A8134)
- Reversible
- Round corners - 5/8" (16 mm) radius
- Removable pin
- Security stud
- Also available bulk assembled

| Hinge Size | | Gauge of Metal | Hole Count | Pin Diameter | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------|-------------------|
| Inches | mm | | | | |
| 4 x 4 | 102 x 102 | 0.085 | 8 | 0.234 | 3/4 x 9 FH |

Full Mortise - Spring

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

Hinge Recommendation

| Recommended Max Door Weight (lbs) | Spring Hinge | Butt Hinge | Spring Hinge Location |
|-----------------------------------|--------------|------------|-----------------------|
| 45 | 1 | 2 | Center |
| 70 | 2 | 1 | Top/Btm or Ctr/Btm |
| 90 | 3 | - | All |



RC1734

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



RC1744

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

| Hinge Size | | Gauge of Metal | Hole Count | Screw Size (Wood) |
|------------|-----------|----------------|------------|--------------------------------------|
| Inches | mm | | | |
| 4 x 4 | 102 x 102 | 0.106 | 8 | 1-1/4" x 12 FPHW 12-12 x 1/2 FPHM |

Additional Notes for Spring Hinges

For maximum versatility use all spring hinges or a combination of spring hinges and residential ball bearing hinges. Do not use plain bearing hinges.

- Full spring tension may not be required on all hinges.
- Strong wind conditions, drafts, carpeting drag, twisted/ misaligned frames, or weatherstripping on doors may require additional spring hinges.
- Not intended for exterior outswing doors.
- For fire-rated openings use all 3 spring hinges.
- For doors over 7 feet, please call Hager Companies.



1750

- Steel (ANSI K81071F)
- Square corners

RC1751

- Steel (ANSI K81071F)
- Round corners - 1/4" (6 mm) radius



RC1752

- Steel (ANSI K81071F)
- Round corners - 5/8" (16 mm) radius

1760

- Stainless steel (ANSI K51071F)
- Square corners

RC1761

- Stainless steel (ANSI K51071F)
- Round corners - 1/4" (6 mm) radius

RC1762

- Stainless steel (ANSI K51071F)
- Round corners - 5/8" (16 mm) radius

| Hinge Size | | Gauge of Metal | Hole Count | Screw Size (Wood) |
|---------------|-----------|----------------|------------|-------------------|
| Inches | mm | | | |
| 3-1/2 x 3-1/2 | 89 x 89 | 0.106 | 6 | 3/4 x 9 FH |
| 4 x 4 | 102 x 102 | 0.106 | 8 | 1 x 9 FH |



1754

- Steel (ANSI K81071F)
- Square by 5/8" (16 mm) radius

1764

- Stainless steel (ANSI K51071F)
- Square by 5/8" (16 mm) radius



| Hinge Size | | Gauge of Metal | Hole Count | Screw Size (Wood) |
|------------|-----------|----------------|------------|-------------------|
| Inches | mm | | | |
| 4 x 4 | 102 x 102 | 0.106 | 8 | 1 x 9 FH |

Accessories



1700

Pins for Residential Hinges

Sizes:

- 3-1/2" (89 mm)
- 4" (102 mm)

Finishes:

- 3-1/2" - 2D, US15, US26D
- 4" - 2D, US4, US15, US26D

Notes: Sold in full box quantity of 100



1710

Residential Ball Tip Kit

Materials: Brass tips and stainless steel pin
Finishes: US3, US4, US5/ABA, US10A, US10R,
US15, US15A/AN, US26, US26D

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
Finishes: US3, US4, US5/ABA, US10A, US10R,
US15, US15A/AN, US26, US26D

Notes:

- Includes 2 steeple tips and 1 pin
- For use with 3-1/2" (89 mm) or 4" (102 mm) hinges

Barn Door Hardware - 9400 Series Barn Door Hardware - e-Conestoga Series

Durable Black Powder-Coated Rail

FEATURES

- | | |
|---------------|---|
| Materials: | Durable powder-coated black steel |
| Available in: | <ul style="list-style-type: none"> • 72" and 96" track lengths • 1-269-8648 - 72" • 1-269-8647 - 96" |



9456 Top Mount Track Kit

FEATURES

- | | |
|------------------|--|
| Materials: | <ul style="list-style-type: none"> • Durable powder-coated black steel • Black steel rail (72" or 96") |
| System Includes: | <ul style="list-style-type: none"> • Two carriers • Two stops • Floor guide • Rail mounting brackets and fasteners |
| Standards: | <ul style="list-style-type: none"> • Meets performance requirements of ANSI/BHMA 156.14 (Grade 1) for sliding doors by exceeding 100,000 cycles |



DOOR SPECIFICATIONS

- Door weight up to 250 lbs.
- Wood doors up to 1-3/4" thick

9457 Face Mount Kit

FEATURES

- | | |
|------------------|--|
| Materials: | <ul style="list-style-type: none"> • Durable powder-coated black steel • Black steel rail (72" or 96") |
| System Includes: | <ul style="list-style-type: none"> • Two carriers • Two stops • Floor guide • Rail mounting brackets and fasteners |
| Standards: | <ul style="list-style-type: none"> • Meets performance requirements of ANSI/BHMA 156.14 (Grade 1) for sliding doors by exceeding 100,000 cycles |



DOOR SPECIFICATIONS

- Door weight up to 250 lbs.
- Wood doors up to 1-3/4" thick

OPTIONAL: 1-269-8646 Flat Rail Soft Close Mechanism

- | | |
|----------|---|
| Details: | <ul style="list-style-type: none"> • Gently guides door to open or closed position • Door weight up to 176 lbs. |
|----------|---|



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