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How to Order

Product Identification
HG 8 112 NRP -43 -26D

Finish:
26D = 626 - Satin Chrome
10B = 613 - Oil Rubbed Bronze
3 = 605 - Bright Brass
4 = 606 - Satin Brass
5 = 609 - Satin Brass
15 = 646 - Satin Nickel
32D = 630 - Satin Stainless Steel
PVD3

NRP:
Blank = Standard Hinge
NRP = Hinge with Non-Removable Pin

Material:
8 = Steel
5 = Stainless Steel
2 = Brass (Special Order)

Hinge Series:
HG Series

Size:
4"(102) x 4"(102)
-43 = Thickness (Ga.): 0.13" (3.3mm)
4-1/2"(114) x 4"(102)
-44 = Thickness (Ga.): 0.134" (3.4mm)
4-1/2"(114) x 4-1/2"(114)
-45 = Thickness (Ga.): 0.134" (3.4mm)
-47 = Thickness (Ga.): 0.180" (4.6mm)
5"(127) x 4-1/2"(114)
-54 = Thickness (Ga.): 0.146" (3.7mm)
-56 = Thickness (Ga.): 0.190" (4.8mm)
5"(127) x 5"(127)
-55 = Thickness (Ga.): 0.146" (3.7mm)
-57 = Thickness (Ga.): 0.190" (4.8mm)

Standard Weight, Two Anti-friction Ball Bearing:
8112 = (ANSI Grade 2: A8112)
5112 = (ANSI Grade 2: A5112)
2112 = (ANSI Grade 2: A2112)

Standard Weight, Plain Bearing:
8133 = (ANSI Grade 3: A8133)
5133 = (ANSI Grade 3: A5133)

Heavy Weight, Four Anti-friction Ball Bearing:
8111 = (ANSI Grade 1: A8111)
5111 = (ANSI Grade 1: A5111)

Standard Weight 3 Knuckle Concealed Bearing Hinges:
8112CB = (ANSI Grade 2: A8112)
5112CB = (ANSI Grade 2: A5112)

Heavy Weight 3 Knuckle Concealed Bearing Hinges:
8111CB = (ANSI Grade 1: A8111)
5111CB = (ANSI Grade 1: A5111)

1/4" Radius Corner Standard Weight Ball Bearing Hinges:
8112R14 = (ANSI Grade 2: A8112-1/4")
5112R14 = (ANSI Grade 2: A5112-1/4")

Spring Hinges:
8107SP = (ANSI: A8107-1F)
5107SP = (ANSI: A5107-1F)

1/4" Radius Corner Spring Hinges:
8107SPR14 = (ANSI: A8107-1/4")
5107SPR14 = (ANSI: A5107-1/4")
FULL MORTISE HINGES HG8112 / HG5112
Standard Weight, Two Anti-Friction Bearing

Features
- Full Mortise Two Ball Bearings, Square Corner Standard Weight Template Hinge.
  - Material:
    HG8112 - Steel (ANSI A8112)
    HG5112 - Stainless Steel (ANSI A5112)
    HG2112 - Brass (Special Order) (ANSI A2112)
  - Material Gauge
    | Hinge Size | Inches | Gauge of Metal | Inches (mm) |
    |------------|--------|----------------|-------------|
    | 4" x 4"    | 0.130" | (3.3mm)        |
    | 4-1/2" x 4-1/2" | 0.134" | (3.4mm)        |
    | 4-1/2" x 4"  | 0.134" | (3.4mm)        |
    | 5" x 4-1/2" | 0.146" | (3.7mm)        |
  - Anti-Friction Ball Bearing
  - Screw packages - All Machine Screws (AMS)
    - All Wood Screw (AWS)
    - Machine Screws - Phillips (#1) Flat-head - #12 x 24 x 1/2"
    - Wood Screws - Phillips (#1) Flat-head - #12 x 1-1/4" or
      Phillips (#1) Flat-head - #12 x 1" (4" hinge)

Options
- NRP - Non-Removable Pin with Set Screw

Specifications
Hinges shall be by INOX® model number HG8112 (or HG5112 or HG2112). All hinges to be 5 knuckle two ball bearings with non-rising pins as listed in hardware groupings and shall be provided with the width that will clear trim to allow for maximum degree of swing. Provided in stainless steel and brass based material where listed in hardware groupings.

- Doors less than 60 inches high - Provide 2 hinges
- Doors 60 to 90 inches high - Provide 3 hinges
- Doors over 90 inches high - Provide 4 hinges

Code Compliance
- ANSI/BHMA A156.1 Type A8112, A5112 and A2112
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001

Finishes
- Stocking:
  US26D (626) Satin Chrome
  US32D (630) Satin Stainless Steel
- Special Order:
  US26 (626) Bright Chrome
  US5 (609) Antique Brass
  US10 (612) Satin Bronze
  US10B (613) Oil Rubbed Bronze
  US15 (619) Satin Nickel
  US3 (605) Bright Brass
  US4 (606) Satin Brass
  US32 (629) Bright Stainless Steel

Warranty
10 Year Warranty
FULL MORTISE HINGES HG8111 / HG5111
Heavy Weight, Four Anti-Friction Bearing

Features
- Full Mortise Four Ball Bearings, Square Corner, Heavy Weight Template Hinge.
- Material
  HG8111 - Steel (ANSI A8111)
  HG5111 - Stainless Steel (ANSI A5111)
- Material Gauge

<table>
<thead>
<tr>
<th>Hinge Size Inches</th>
<th>Gauge of Metal Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-1/2” x 4-1/2”</td>
<td>0.180” (4.6mm)</td>
</tr>
<tr>
<td>5” x 4-1/2”</td>
<td>0.190” (4.8mm)</td>
</tr>
</tbody>
</table>
- Four Ball Bearings
- Stock Sizes 4-1/2”
- Screw packages - All Machine Screws (AMS)
  - All Wood Screw (AWS)
- Machine Screws - Phillips (#1) Flat-head - 12 x 24 x 1/2”
- Wood Screws - Phillips (#1) Flat-head - 12 x 1-1/4”

Options
NRP - Non-Removable Pin with Set Screw

Specifications
Hinges shall be by INOX® model number HG8111, (or HG5111). All hinges to be 5 knuckle two ball bearings with non-rising pins as listed in hardware groupings and shall be provided with the width that will clear trim to allow for maximum degree of swing. Provided in stainless steel and brass based material where listed in hardware groupings.

- Doors less than 60 inches high - Provide 2 hinges
- Doors 60 to 90 inches high - Provide 3 hinges
- Doors over 90 inches high - Provide 4 hinges

Code Compliance
- ANSI/BHMA A156.1 Type A8111, A5111
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001

Finishes
- Stocking:
  US26D (626) Satin Chrome
  US32D (630) Satin Stainless Steel
- Special Order:
  US26 (626) Bright Chrome
  US3 (605) Bright Brass
  US4 (606) Satin Brass
  US5 (609) Antique Brass
  US15 (619) Satin Nickel
  US10 (612) Satin Bronze
  US10B (613) Oil Rubbed Bronze
  US32 (629) Bright Stainless Steel

Warranty
10 Year Warranty
**FULL MORTISE HINGES HG8112CB**  
Standard Weight 3 Knuckle Concealed Bearing Hinges

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**Features**
- Full Mortise 3 Knuckle Concealed Bearing, Square Corner, Standard Weight Template Hinge
- Material: HG8112CB - Steel (ANSI A8112)
- Material Gauge

<table>
<thead>
<tr>
<th>Hinge Size Inches</th>
<th>Gauge of Metal Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-1/2&quot; x 4-1/2&quot;</td>
<td>0.134&quot; (3.4mm)</td>
</tr>
<tr>
<td>5&quot; x 4-1/2&quot;</td>
<td>0.146&quot; (3.7mm)</td>
</tr>
</tbody>
</table>
- Concealed Bearing
- Screw packages - All Machine Screws (AMS)
  - All Wood Screw (AWS)
- Machine Screws - Phillips (#1) Flat-head - 12 x 24 x 1/2"
- Wood Screws - Phillips (#1) Flat-head - 12 x 1-1/4"

---

**Specifications**

Hinges shall be by INOX® model number HG8112CB. All hinges to be 3 knuckle plain bearing or two ball bearings with non-rising pins as listed in hardware groupings and shall be provided with the width available that will clear trim to allow for maximum degree of swing.

- Doors less than 60 inches high - Provide 2 hinges
- Doors 60 to 90 inches high - Provide 3 hinges
- Doors over 90 inches high - Provide 4 hinges

---

**Code Compliance**
- ANSI/BHMA A156.1 Type A8112
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001
- NFPA80 - National Fire Protection Association -1999

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**Finishes**
- **Stocking:**
  - US26D (626) Satin Chrome
  - US32D (630) Satin Stainless Steel
- **Special Order:**
  - US26 (626) Bright Chrome
  - US3 (605) Bright Brass
  - US4 (606) Satin Brass
  - US5 (609) Antique Brass
  - US15 (619) Satin Nickel
  - US10 (612) Satin Bronze
  - US10B (613) Oil Rubbed Bronze
  - US32 (629) Bright Stainless Steel

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**Warranty**

10 Year Warranty
FULL MORTISE HINGES HG8111CB
Heavy Weight 3 Knuckle Concealed Bearing Hinges

**Features**

- Full Mortise 3 Knuckle Concealed Bearing, Square Corner, Heavy Weight Template Hinge
- Material: HG8111CB - Steel (ANSI A8111)

<table>
<thead>
<tr>
<th>Hinge Size Inches</th>
<th>Gauge of Metal Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-1/2&quot; x 4-1/2&quot;</td>
<td>0.180&quot; (4.6mm)</td>
</tr>
<tr>
<td>5&quot; x 4-1/2&quot;</td>
<td>0.190&quot; (4.8mm)</td>
</tr>
</tbody>
</table>

- Screw packages - All Machine Screws (AMS)
  - All Wood Screw (AWS)
- Machine Screws - Phillips (#1) Flat-head - 12 x 24 x 1/2"
- Wood Screws - Phillips (#1) Flat-head - 12 x 1-1/4"

**Finishes**

- Stocking:
  US26D (626) Satin Chrome
  US32D (630) Satin Stainless Steel

- Special Order:
  US26 (626) Bright Chrome
  US3 (605) Bright Brass
  US4 (606) Satin Brass
  US5 (609) Antique Brass
  US15 (619) Satin Nickel
  US10 (612) Satin Bronze
  US10B (613) Oil Rubbed Bronze
  US32 (629) Bright Stainless Steel

**Specifications**

Hinges shall be by INOX® model number HG8111CB. All hinges to be 3 knuckle plain bearing or two concealed ball bearings with non-rising pins as listed in hardware groupings and shall be provided with the width available that will clear trim to allow for maximum degree of swing.

- Doors less than 60 inches high - Provide 2 hinges
- Doors 60 to 90 inches high - Provide 3 hinges
- Doors over 90 inches high - Provide 4 hinges

**Code Compliance**

- ANSI/BHMA A156.1 Type A8111
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001
- NFPA80 - National Fire Protection Association -1999

**Warranty**

10 Year Warranty
**Features**

- Full Mortise Two Ball Bearings, 1/4” Radius Corner, Standard Weight Template Hinge
- Material: HG8112R14 - Steel (ANSI A8112-1/4”)
  HG5112R14 - Stainless Steel (ANSI A5112-1/4”)
- Material Gauge

<table>
<thead>
<tr>
<th>Hinge Size Inches</th>
<th>Gauge of Metal Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” x 4”</td>
<td>0.130” (3.3mm)</td>
</tr>
</tbody>
</table>

- Ball Bearing
- Screw packages - All Machine Screws (AMS)
  - All Wood Screw (AWS)
- Machine Screws - Phillips (#1) Flat-head - 12 x 24 x 1/2”
- Wood Screws - Phillips (#1) Flat-head - 12 x 1”

**Specifications**

Hinges shall be by INOX® model number HG8112R14 / HG5112R14. All hinges to be 5 knuckle, 1/4” radius corner, two ball bearings with non-rising pins as listed in hardware groupings and shall be provided with the width available that will clear trim to allow for maximum degree of swing.

- Doors less than 60 inches high - Provide 2 hinges
- Doors 60 to 90 inches high - Provide 3 hinges
- Doors over 90 inches high - Provide 4 hinges

**Code Compliance**

- ANSI/BHMA A156.1 Type A8112-1/4” and A5112-1/4”
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001
- NFPA80 - National Fire Protection Association -1999

**Finish**

- Stocking:
  US26D (626) Satin Chrome
  US32D (630) Satin Stainless Steel

- Special Order:
  US26 (626) Bright Chrome
  US3 (605) Bright Brass
  US4 (606) Satin Brass
  US5 (609) Antique Brass
  US15 (619) Satin Nickel
  US10 (612) Satin Bronze
  US10B (613) Oil Rubbed Bronze
  US32 (629) Bright Stainless Steel

**Warranty**

10 Year Warranty
**Features**

- Full Mortise Single Acting, Square Corner Template Spring Hinges.
- UL 3 Hour Fire Rated.
- Material:
  - HG8107SP - Steel (ANSI: K81071F)
  - HG5107SP - Stainless Steel (ANSI: K51071F)
- Material Gauge

<table>
<thead>
<tr>
<th>Hinge Size Inches</th>
<th>Gauge of Metal Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-1/2” x 4-1/2”</td>
<td>0.134” (3.4mm)</td>
</tr>
</tbody>
</table>

- Adjustable Spring Tension
- Screw packages - All Machine Screws (AMS)
  - All Wood Screw (AWS)
- Machine Screws - Phillips (#1) Flat-head - 12 x 24 x 1/2"
- Wood Screws - Phillips (#1) Flat-head - 12 x 1-1/4"

**Specifications**

Spring Hinges shall be by INOX® model number HG8107SP (or HG5107SP). All hinges to be with adjustable spring tension as listed in hardware groupings and shall be provided with the width available that will clear trim to allow for maximum degree of swing.

- For Doors under 70 lbs. and not exceeding 3’ x 7’ x 1-3/4’ use 1 each HG8107SP (or HG5107SP) and 2 each HG8112 (or HS5112)
- For Doors up to 160 lbs. use 3 each HG8107SP (or HS5107SP)

**Code Compliance**

- ANSI Type A8107-1F, K81071F, KS1071F
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001
- NFPA80 - National Fire Protection Association -1999

**Finishes**

- **Stocking:**
  - US26D (626) Satin Chrome
  - US32D (630) Satin Stainless Steel
- **Special Order:**
  - US26 (626) Bright Chrome
  - US3 (605) Bright Brass
  - US4 (606) Satin Brass
  - US5 (609) Antique Brass
  - US15 (619) Satin Nickel
  - US10 (612) Satin Bronze
  - US10B (613) Oil Rubbed Bronze
  - US32 (629) Bright Stainless Steel

**Warranty**

10 Year Warranty
SPRING HINGES HG8107SPR14 / HG5107SPR14
1/4” Radius Corner Commercial Weight

Features
- Full Mortise Single Acting, 1/4” Radius Corner Template Spring Hinges.
- UL 3 Hour Fire Rated.
- Material:
  HG8107SPR14 - Steel (ANSI: K81072F)
  HG5107SPR14 - Stainless Steel (ANSI: K51072F)
- Material Gauge

<table>
<thead>
<tr>
<th>Hinge Size Inches</th>
<th>Gauge of Metal Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” x 4”</td>
<td>0.130” (3.3mm)</td>
</tr>
</tbody>
</table>
- Adjustable Spring Tension
- Screw packages - All Machine Screws (AMS)
  - All Wood Screws (AWS)
- Machine Screws - Phillips (#1) Flat-head - 12 x 24 x 1/2”
- Wood Screws - Phillips (#1) Flat-head - 12 x 1-1/4”

Specifications
Spring Hinges shall be by INOX® model number HG8107SPR14 or HG5107SPR14. All hinges to be with adjustable spring tension as listed in hardware groupings and shall be provided with the width that will clear trim to allow for maximum degree of swing.

- For Doors under 70 lbs. and not exceeding 3’ x 7’ x 1-3/4 use 1 each HG8107SPR14 (or HG5107SP) and 2 each HG8112R14 (or HG5112R14)
- For Doors up to 160 lbs. use 3 each HG8107SPR14 (or HG5107SPR14)

Code Compliance
- ANSI Type K81072F, K51072F
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001
- NFPA80 - National Fire Protection Association -1999

Finishes
- Stocking:
  US26D (626) Satin Chrome
  US32D (630) Satin Stainless Steel
- Special Order:
  US26 (626) Bright Chrome
  US3 (605) Bright Brass
  US4 (606) Satin Brass
  US5 (609) Antique Brass
  US15 (619) Satin Nickel
  US10 (612) Satin Bronze
  US10B (613) Oil Rubbed Bronze
  US32 (629) Bright Stainless Steel

Warranty
10 Year Warranty
## INOX® Commercial Hinges
### CROSS REFERENCES

<table>
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<tr>
<th>ANSI Type</th>
<th>Base Material</th>
<th>INOX*</th>
<th>Hager</th>
<th>Stanley</th>
<th>Mckinney</th>
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Please visit our website
http://www.inoxproducts.com
for more technical and new product information.