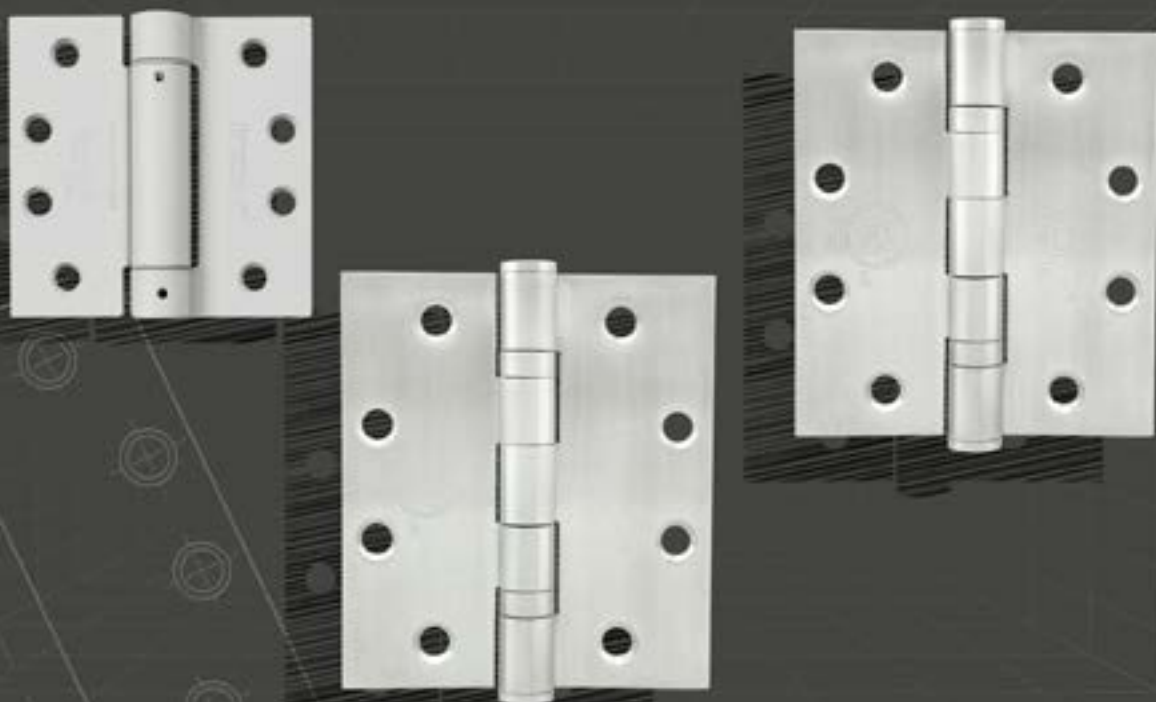


ANSI/BHMA GRADE 1

Hinges



CONTENTS



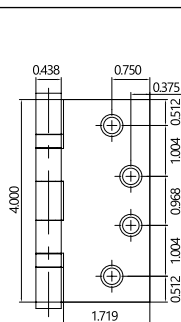
Page 01	Standard Weight, Two Anti-friction Ball Bearing HG5112
Page 02	Standard Weight, Two Anti-friction Ball Bearing HG8112
Page 03	Standard Weight 3 Knuckle Concealed Bearing Hinges HG8112CB
Page 04	Power Transfer Hinges HG8112-ETH
Page 05	Heavy Weight, Four Anti-friction Ball Bearing HG8111/HG5111
Page 06	Heavy Weight 3 Knuckle Concealed Bearing Hinge HG8111CB/HG5111CB
Page 07	1/4" Radius Corner Standard Weight Ball Bearing Hinge HG8112R14
Page 08	Spring Hinge HG8107SP/HG5107SP
Page 09	1/4" Radius Corner Spring Hinges HG8107SPR14/HG5107SPR14
Page 10	Plain Bearing Hinges HG8133/HG5133
Page 11	Square and 1/4", 5/8" Radius Corner Residential Hinges HG5184
Page 12	Cross References

Disclaimer: All information in this catalog has been deemed accurate as of the date of printing. We are continuously improving and expanding our line in an effort to offer our clients the finest quality products and services; therefore, Unison Hardware, Inc., reserves the right to alter this information or correct printing errors at any time.

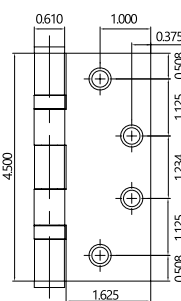
©2023 Unison Hardware, Inc. All Rights Reserved. V20230509

FULL MORTISE HINGES HG5112

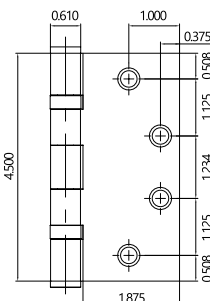
Standard Weight, Two Anti-Friction Bearing



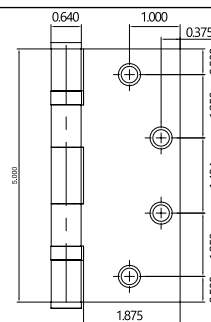
4" (102mm) x 4" (102mm)



4-1/2" (114mm) x 4" (102mm)



4-1/2" (114mm) x 4-1/2" (114mm)



5" (127mm) x 4-1/2" (114mm)

SPECIFICATIONS

- INOX HG5112 are 5 knuckle, two ball bearing hinges with non-rising pin (NRP), 1/4" radius corner (R14) and 5/8" radius corner (R58) options. Hinges will allow for maximum degree of swing
- Doors less than 60 inches high require at least 2 hinges
- Doors 60 to 90 inches high - at least 3 hinges
- Doors over 90 inches high - at least 4 hinges
- Material: Stainless Steel

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
- NFPA-80 National Fire Protection - 1999
- NFPA-101 National Fire Protection - Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4" x 4"	HG5112-43	0.130" (3.3mm)
4" x 4"	HG5112NRP-43	0.130" (3.3mm)
4" x 4"	HG5112R14NRP-43	0.130" (3.3mm)
4" x 4"	HG5112R58NRP-43	0.130" (3.3mm)
4-1/2" x 4"	HG5112-44	0.134 (3.4mm)
4-1/2" x 4-1/2"	HG5112-45	0.134 (3.4mm)
4-1/2" x 4-1/2"	HG5112NRP-45	0.134 (3.4mm)

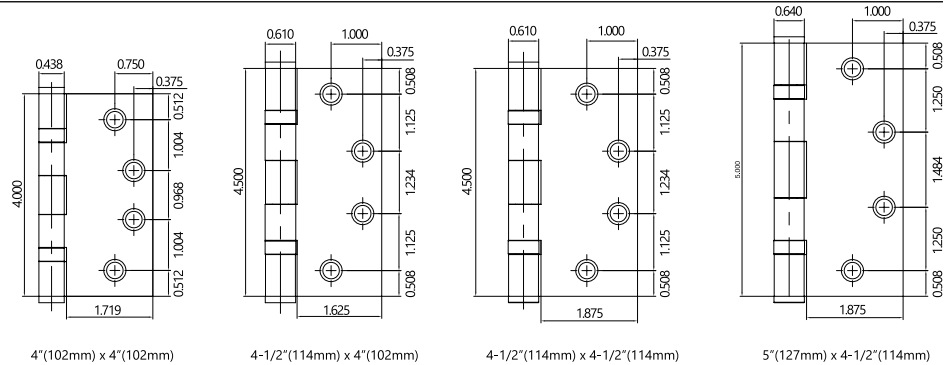
STANDARD FINISHES

- 32D Satin Stainless Steel
- 32 Bright Stainless Steel (HG5112-43)

For additional finish options not listed, contact Sales Department for MOQ and lead times

FULL MORTISE HINGES HG8112

Standard Weight, Two Anti-Friction Bearing



SPECIFICATIONS

- INOX HG8112 are 5 knuckle, two ball bearing hinges with non-rising pin (NRP) and 1/4" radius corner (R14) options. Hinges will allow for maximum degree of swing
- Doors less than 60 inches high require at least 2 hinges
- Doors 60 to 90 inches high - at least 3 hinges
- Doors over 90 inches high - at least 4 hinges
- Material: Steel

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
- NFPA-80 National Fire Protection - 1999
- NFPA-101 National Fire Protection - Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4" x 4"	HG8112-43	0.134 (3.4mm)
4" x 4"	HG8112R14-43	0.134 (3.4mm)
4-1/2" x 4"	HG8112-44	0.134 (3.4mm)
4-1/2" x 4"	HG8112NPR-44	0.134 (3.4mm)
4-1/2" x 4-1/2"	HG8112-45	0.134 (3.4mm)
4-1/2" x 4-1/2"	HG8112NPR-45	0.134 (3.4mm)
5" x 4-1/2"	HG8112-54	0.146 (3.7mm)
5" x 4-1/2"	HG8112NPR-54	0.146 (3.7mm)

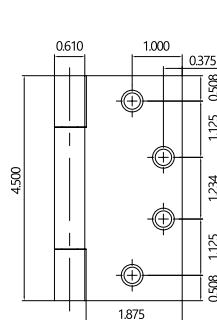
STANDARD FINISHES

- 26D Satin Chrome
- 19G Graphite Black (HG8112-43 / HG8112-45 / HG8112NRP-45)
- 26 Polished Chrome (HG8112-45)
- 10B Oil Rubbed Bronze (HG8112-45 / HG8112NRP-45)
- 4 Satin Brass (HG8112-45)
- 15 Satin Nickel (HG8112-45)

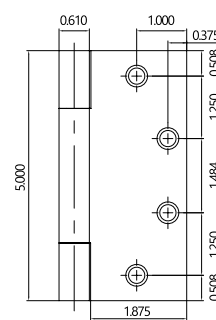
For additional finish options not listed, contact Sales Department for MOQ and lead times

FULL MORTISE HINGES HG8112CB

Standard Weight, 3 Knuckle, Concealed Bearing



4-1/2" (114mm) x 4-1/2" (114mm)



5" (127mm) x 4-1/2" (114mm)

SPECIFICATIONS

- INOX HG8112CB hinges are 3 knuckle, plain bearing or two ball bearing hinges with a non-rising pin (NRP) option and will allow for maximum degree of swing
- Hinges are constructed in ANSI A8112 steel-based material and are full mortise with concealed bearing, square corners and a standard weight template
- Doors less than 60 inches high require at least 2 hinges
- Doors 60 to 90 inches high - 3 hinges
- Doors over 90 inches high - 4 hinges
- Material: Steel

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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4-1/2" x 4-1/2"	HG8112CB-45	0.134 (3.4mm)
4-1/2" x 4-1/2"	HG8112CB-NRP-45	0.134 (3.4mm)
4-1/2" x 4-1/2"	HG8112CB-NRP-47	0.180 (4.6mm)
5" x 4-1/2"	HG8112CB-54	0.146 (3.7mm)
5" x 4-1/2"	HG8112CB-NRP-54	0.146 (3.7mm)

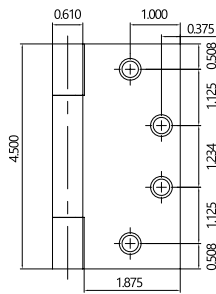
STANDARD FINISHES

- 26D Satin Chrome
- 10B Oil Rubbed Bronze
- 4 Satin Brass (HG8112CB-45)
- 14 Polished Nickel (HG8112CB-45)
- 15 Satin Nickel (HG8112CB-45)

For additional finish options not listed, contact Sales Department for MOQ and lead times

POWER TRANSFER MORTISE HINGES HG8112-ETH

Standard Weight, 3 Knuckle, Concealed Bearing



4-1/2" (114mm) x 4-1/2" (114mm)

SPECIFICATIONS

- INOX HG8112-ETH power transfer hinge is an ideal way to transfer low voltage from the hinge jamb to the lockset without exposed wires. The hinge is most commonly used for electrical mortise and cylindrical locks, electric strikes, electric exit devices, and door mounted card readers
- Material: Steel

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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4-1/2" x 4-1/2"	HG8112-45-ETH4W	0.134 (3.4mm)

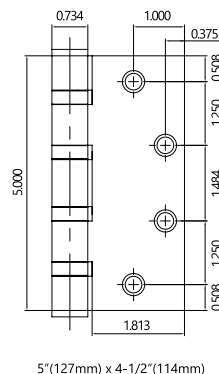
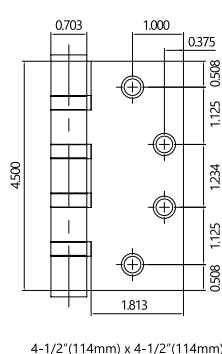
STANDARD FINISHES

- 26D Satin Chrome
- 19G Graphite Black

For additional finish options not listed, contact Sales Department for MOQ and lead times

FULL MORTISE HINGES HG8111/HG5111

Heavy Weight, Four Anti-Friction Bearing



SPECIFICATIONS

- INOX HG5111 and HG8111 are 4 knuckle, two ball bearing hinges with a non-rising pin (NRP) option and will allow for maximum degree of swing
- Doors less than 60 inches high require at least 2 hinges
- Doors 60 to 90 inches high - 3 hinges
- Doors over 90 inches high - 4 hinges
- Material: HG5111 Series Stainless Steel
- Material: HG8111 Series Steel

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
- NFPA-80 National Fire Protection - 1999
- NFPA-101 National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4-1/2" x 4-1/2"	HG5111-47	0.180 (4.6mm)
4-1/2" x 4-1/2"	HG5111NRP-47	0.180 (4.6mm)
5" x 4-1/2"	HG5111-56	0.190 (4.8mm)
5" x 5"	HG5111-57	0.190 (4.8mm)
4-1/2" x 4-1/2"	HG8111-47	0.180 (4.6mm)
4-1/2" x 4-1/2"	HG8111NRP-47	0.180 (4.6mm)
5" x 4-1/2"	HG8111-56	0.190 (4.8mm)
5" x 4-1/2"	HG8111NRP-56	0.190 (4.8mm)
5" x 5"	HG8111-57	0.190 (4.8mm)
5" x 5"	HG8111NRP-57	0.190 (4.8mm)

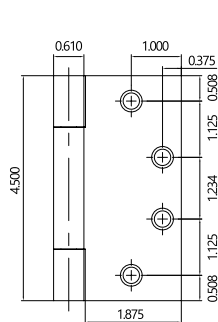
STANDARD FINISHES

- 26D Satin Chrome (HG8111 Series)
- 32D Satin Stainless Steel (HG5111 Series)

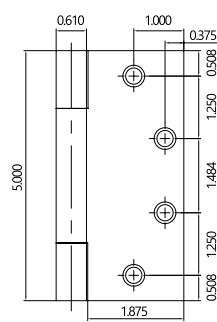
For additional finish options not listed, contact Sales Department for MOQ and lead times

FULL MORTISE HINGES HG8111CB /HG5111CB

Heavy Weight, 3 Knuckle, Concealed Bearing



4-1/2" (114mm) x 4-1/2" (114mm)



5" (127mm) x 4-1/2" (114mm)

SPECIFICATIONS

- INOX HG8111CB are 3 knuckle, plain bearing or two concealed ball bearing hinges with a non-rising pin option. Hinges allow for the maximum degree of swing
- Constructed of ANSI A8111 steel-based material, hinges are full mortise, concealed bearing hinges with square corners and a heavy weight template
- 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
- Material: HG5111 Series Stainless Steel
- Material: HG8111 Series Steel

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4-1/2" x 4-1/2"	HG5111CB-47	0.180 (4.6mm)
4-1/2" x 4-1/2"	HG5111CB-NRP-47	0.180 (4.6mm)
5" x 4-1/2"	HG5111CB-NRP-56	0.190 (4.8mm)
4-1/2" x 4-1/2"	HG8111CB-47	0.180 (4.6mm)
4-1/2" x 4-1/2"	HG8111CB-NRP-47	0.180 (4.6mm)
5" x 4-1/2"	HG8111CB-56	0.190 (4.8mm)
5" x 4-1/2"	HG8111CB-NRP-56	0.190 (4.8mm)

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
- NFPA101 - National Fire Protection-Life Safety - 2000

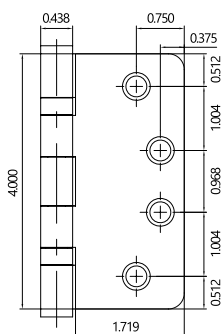
STANDARD FINISHES

- 32D Satin Stainless Steel (HG5111CB)
- 26D Satin Chrome (HG8111CB)
- 10B Oil Rubbed Bronze (HG8111CB)

For additional finish options not listed, contact Sales Department for MOQ and lead times

FULL MORTISE HINGES HG8112R14

1/4" Radius Corner, Standard Weight, Ball Bearing



4" (102mm) x 4" (102mm)

SPECIFICATIONS

- INOX HG8112R are 5 knuckle hinges with 1/4" radius corners and two ball bearings. They allow for a maximum degree of swing
- Constructed in ANSI A8112 steel-based material; full mortise with a standard weight template
- 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
- Material: Steel

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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4" x 4"	HG8112R14-43	0.130" (3.3mm)

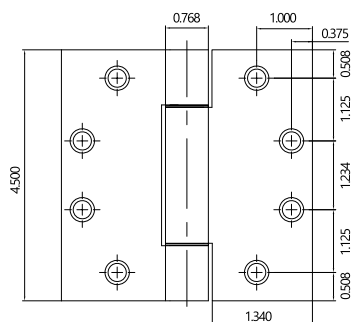
STANDARD FINISHES

- 26D Satin Chrome

For additional finish options not listed, contact Sales Department for MOQ and lead times

SPRING HINGES HG8107SP / HG5107SP

Commercial Weight



4-1/2" (114mm) x 4-1/2" (114mm)

SPECIFICATIONS

- INOX HG5107 and HG8107 hinges with adjustable spring tension are provided in either ANSI A81071F steel-based or ANSI K51071F stainless steel based material and are 3 hour fire rated, full mortise, single acting spring hinges with square corners. They will allow 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 HG5112)
- For Doors up to 160 lbs. use 3 each HG8107SP (or HG5107SP)
- Material: HG5111 Series Stainless Steel
- Material: HG8111 Series Steel

CODE COMPLIANCE



- ANSI Type A8107-1F, K81071F, K51071F
- 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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4" x 4"	HG5107SP-43	0.130" (3.3mm)
4-1/2" x 4-1/2"	HG5107SP-45	0.130" (3.3mm)
4-1/2" x 4-1/2"	HG8107SP-45	0.130" (3.3mm)

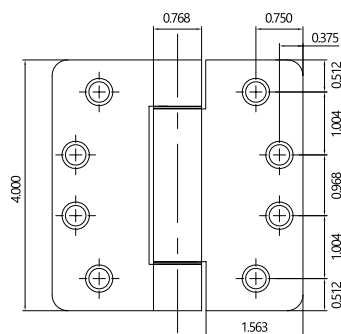
STANDARD FINISHES

- 32D Satin Stainless Steel (HG5107SP-43 / HG5107SP-45)
- 26D Satin Chrome (HG8107SP-45)
- 10B Oil Rubbed Bronze (HG8107SP-45)
- 19G Graphite Black (HG8107SP-45)

For additional finish options not listed, contact Sales Department for MOQ and lead times

SPRING HINGES HG8107SPR14 / HG5107SPR14

Commercial Weight, 1/4" Radius Corner



4" (102mm) x 4" (102mm)

SPECIFICATIONS

- INOX HG5107SPR14 and HG8107SPR14 hinges with adjustable spring tension allow for maximum degree of swing
- Provided in ANSI A81072F steel-based and ANSI K51072F stainless steel based material, these 3 hour fire rated hinges are full mortise, single acting spring hinges with 1/4" radius corners
- 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 HS5107SPR14)
- Material: HG5111 Series Stainless Steel
- Material: HG8111 Series Steel

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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4" x 4"	HG5107SPR14-43	0.130" (3.3mm)
4" x 4"	HG8107SPR14-43	0.130" (3.3mm)

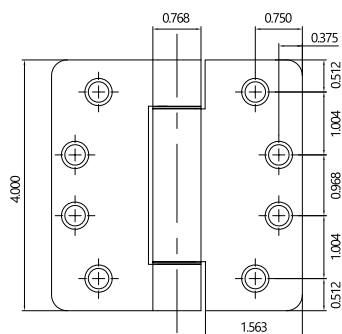
STANDARD FINISHES

- 32D Satin Stainless Steel (HG5107SP14-43)
- 26D Satin Chrome (HG8107SPR14-43)

For additional finish options not listed, contact Sales Department for MOQ and lead times

FULL MORTISE HINGES HG8133 / HG5133

Standard Weight, Plain Bearing



4" (102mm) x 4" (102mm)

SPECIFICATIONS

- INOX HG5133 stainless steel hinges measure 4" x 4" with 0.13" (3.3mm) gauge, and INOX HG8133 steel hinges measure 4-1/2" x 4-1/2" with a 0.134" (3.4mm) gauge. Both are full mortise and standard weight, and allow for the maximum degree of swing
- Doors less than 60 inches high require at least 2 hinges
Doors 60 to 90 inches high - 3 hinges
Doors over 90 inches high - 4 hinges
- Material: HG5111 Series Stainless Steel
- Material: HG8111 Series Steel

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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
4" x 4"	HG5133-43	0.130" (3.3mm)
4-1/2" x 4-1/2"	HG8133-45	0.134" (3.4mm)

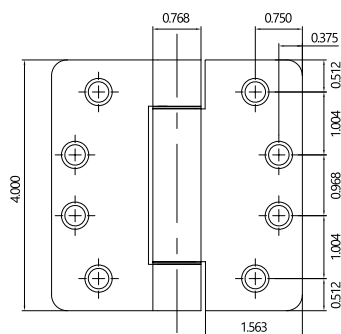
STANDARD FINISHES

- 32D Satin Stainless Steel (HG5133-43)
- 26D Satin Chrome (HG8133-45)

For additional finish options not listed, contact Sales Department for MOQ and lead times

RESIDENTIAL HINGES HG5184

Square Corner or 1/4", 5/8" Radius Corner



4" (102mm) x 4" (102mm)

SPECIFICATIONS

- INOX HG5184 are full mortise, standard weight stainless steel hinges with a 0.097" (2.5mm) gauge. They allow for maximum degree of swing and can be ordered with optional 1/4" (R14) or 5/8" (R58) radius corners
- Doors less than 60 inches high require at least 2 hinges
Doors 60 to 90 inches high - 3 hinges
Doors over 90 inches high - 4 hinges
- Material: Stainless Steel

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
- NFPA101 - National Fire Protection-Life Safety - 2000

PART NUMBER

Hinge Size Inches	Part Number	Thickness Inches (mm)
3-1/2" x 3-1/2"	HG5184-32	0.097" (2.5mm)
3-1/2" x 3-1/2"	HG5184R14-32	0.097" (2.5mm)
3-1/2" x 3-1/2"	HG5184R58-32	0.097" (2.5mm)
4" x 4"	HG5184-42	0.097" (2.5mm)
4" x 4"	HG5184R14-42	0.097" (2.5mm)
4" x 4"	HG5184R58-42	0.097" (2.5mm)

STANDARD FINISHES

- 32D Satin Stainless Steel
- 32 Bright Stainless Steel

For additional finish options not listed, contact Sales Department for MOQ and lead times

INOX Commercial Hinges

CROSS REFERENCES

ANSI Type	Base Material	INOX®	Hager	Stanley	McKinney	PBB	Cal-Royal	Lawrence
A8133- Plain Bearing Steel	Steel	HG8133	1279	F179	T2714	PB81	TBH-30	B4101
A8112- Ball Bearing	Steel	HG8112	BB1279	FBB179	TB2714	BB81	BB31	BB4181
A2112- Ball Bearing	Brass/Bronze	HG2112	BB1191	FBB191	TB2314	BB21	BB31	BB4101-A
A5112- Ball Bearing	Stainless Steel	HG5112	BB1191	FBB191	TB2314	BB51	BB31	BB4101-32D
A8111- Heavy Wt BB	Steel	HG8111	BB1168	FBB168	T4A3786	4B81	BB5200	BB5151
A5111- Heavy Wt BB	Stainless Steel	HG5111	BB1199	FBB199	T4A3386	4B51	BB5200	BB5151-32D
A8112- 3 Knuckle Concealed	Steel	HG8112CB	AB700	CB1900	TA714	CB81	BB-2200	BB9101
A5112- 3 Knuckle Concealed	Stainless Steel	HG5112CB	AB800	CB1960	-	CB51	BB-2200	-
A8111- 3 Knuckle Heavy Wt BB	Steel	HG8111CB	AB750	CB1901	TA786	4C81	BB-3300	-
A5111- 3 Knuckle Heavy Wt BB	Stainless Steel	HG5111CB	AB850	CB1961	-	4C51	BB-3300	-
A8112- 1/4" Radius BB	Steel	HG8112R14	RCBB1279	-	-	RB81	BB RC-45	-
K81071F- Spring Hinge	Steel	HG8107SP	1250	2060	1502	SP81	SH-140	4168
K81072F- 1/4" Radius Spring Hinge	Steel	HG8107SPR14	1251	2060	1502	SP81	SH-140	4168



Please visit our website
www.inoxproducts.com
for more technical and new product information.

Unison Hardware, Inc.
6 Wayne Court, Sacramento, CA 95829, USA Tel: +1.916.388.1888
Email: info@unisonhardware.com