

HAGER HINGES

Hager Hinges are available with the following options:

Non-Removable Pin------(NRP)	Rust Resistant Base------(C)
Round Corner------(RC)	Concealed Circuit 4 Wire-(ETH-4)
Hospital Tip------(HT)	Concealed Circuit 6 Wire-(ETH-6)
Ball Tip------(BT)	Concealed Circuit 8 Wire-(ETH-8)
Steeple Tip------(ST)	Concealed Circuit 10 Wire-(ETH-10)
Acorn Tip------(AT)	Magnetic Monitoring-----(EMN)
Urn Tip------(UT)	Slip in Type I or II
Safety Stud------(SH)	
Raised Barrel	
Beveled Door Edge---(RBB)	
Square Door Edge----(RBS)	
Jamb Surface Mount-(JSM)	

PLAIN BEARING FULL MORTISE HINGES

Five knuckle standard weight hinges. Plain Bearing is the designation for hinges with no bearings. Knuckles are machined with bearing-like surfaces to move against each other. Not recommended for high frequency doors or doors with closing devices.

Plain Bearing Standard Weight Hinges

Full mortise, 5 knuckle



Steel base metal, polished and plated. Furnished with all wood screws and all metal screws except prime coat (USP or BHMA 600), furnished with all machine screws and 1/2 wood screws.

Size Ht x Open Width	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
3 1/2 x 3 1/2"	.119	10/24 x 1/2"	9 x 1"	2	100
4 x 4"	.129	12/24 x 1/2"	12 x 1 1/4"	3	48
4 1/2 x 4"	.134	12/24 x 1/2"	12 x 1 1/4"	3	24
4 1/2 x 4 1/2"	.145	12/24 x 1/2"	12 x 1 1/4"	3	24
5 x 5"	.145	12/24 x 1/2"	12 x 1 1/4"	3	24
6 x 4 1/2"	.160	1/4-20 x 1/2"	14 x 1 1/2"	3	24
6 x 5"	.160	1/4-20 x 1/2"	14 x 1 1/2"	3	24
6 x 6"	.160	1/4-20 x 1/2"	14 x 1 1/2"	3	24

Stocked in the following sizes and finishes. Other sizes and finishes available on F/O. Also available in 2 knuckle (HGR 920) and 3 knuckle (HGR 700).

Part No.	Description
HGR 1279-600 3 1/2 x 3 1/2"	USP Std Weight Hinge
HGR 1279-600 4 x 4"	USP Std Weight Hinge
HGR 1279-600 4 x 4 NRP	USP Std Weight Hinge
HGR 1279-600 4 1/2 x 4 1/2"	USP Std Weight Hinge
HGR 1279-600 4 1/2 x 4 1/2 NRP	USP Std Weight Hinge
HGR 1279-600 5 x 5"	USP Std Weight Hinge
HGR 1279-632 3 1/2 x 3 1/2"	US3 Std Weight Hinge
HGR 1279-632 4 x 4"	US3 Std Weight Hinge
HGR 1279-632 4 1/2 x 4 1/2"	US3 Std Weight Hinge
HGR 1279-633 3 1/2 x 3 1/2"	US4 Std Weight Hinge

HGR 1279-633 4 x 4	US4 Std Weight Hinge
HGR 1279-633 4 1/2 x 4 1/2	US4 Std Weight Hinge
HGR 1279-639 4 1/2 x 4 1/2	US10 Std Weight Hinge
HGR 1279-640 4 1/2 x 4 1/2	US10A Std Weight Hinge
HGR 1279-641 4 1/2 x 4 1/2	US10A Std Weight Hinge
HGR 1279-651 4 x 4	US26 Std Weight Hinge
HGR 1279-651 4 1/2 x 4 1/2	US26 Std Weight Hinge
HGR 1279-652 4 1/2 x 4 1/2	US26D Std Weight Hinge
HGR 1279-652 4 1/2 x 4 1/2 NRP	US26D Std Weight Hinge



Ball Tip

Part No.	Description
HGR 1279BT-632 4 x 4	US3 Ball Tip Std Weight Hinge

Full Mortise Standard Weight Hinges

Full mortise, 5 knuckle



- Plain bearing
- Brass with brass pin ANSI A2133
- Stainless steel with stainless steel pin ANSI A5133
- Standard weight
- Template

HGR 1191

Same specifications as HGR 1279 with a non-ferrous base metal. Made of brass, or stainless steel depending on finish. Pin and screws are the same material as the hinge. Recommended for use on exterior doors where humidity is a factor. Other sizes and finishes available on F/O.

Hinge Size	No. of Holes	Gauge of Metal	Screw Size	
			Machine	Wood
4 x 4"	8	.129	12-24 x 1/2"	1 1/4 x 12"
4 1/2 x 4 1/2"	8	.134	12-24 x 1/2"	1 1/4 x 12"

Part No.	Description
HGR 1191-605 4 x 4	US3 Solid Brass Std Weight
HGR 1191-605 4 1/2 x 4 1/2	US3 Solid Brass Std Weight
HGR 1191-630 4 x 4	US32D Stainless Steel Std. Weight
HGR 1191-630 4 1/2 x 4 1/2	US32D Stainless Steel Std. Weight

FULL MORTISE HINGES

Two Ball Bearing Standard Weight Hinge

Full mortise, ball bearing, 5 knuckle



- Ball bearing steel with steel pin ANSI A8112
- Standard weight
- Template

HGR BB1279

Steel base metal, polished and plated. Furnished with all machine screws and all wood screws except prime coat (USP or BHA 600). Furnished with all machine screws and 1/2" wood screws. Ball bearings offer a smooth, gliding, rotating action. Two bearings per hinge. recommended for doors of medium weight and average frequency and doors with closing devices.

Size Ht x Open Width	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
3 1/2 x 3 1/2"	.119	10/24 x 1/2"	9 x 1"	2	100
4 x 4"	.129	12/24 x 1/2"	12 x 1 1/4"	3	48
4 1/2 x 4"	.134	12/24 x 1/2"	12 x 1 1/4"	3	48
4 1/2 x 4 1/2"	.134	12/24 x 1/2"	12 x 1 1/4"	3	48
5 x 4 1/2"	.145	12/24 x 1/2"	12 x 1 1/4"	3	24
5 x 5"	.145	12/24 x 1/2"	12 x 1 1/4"	3	24
6 x 4 1/2"	.160	1/4-20 x 1/2"	14 x 1 1/2"	3	24
6 x 5"	.160	1/4-20 x 1/2"	14 x 1 1/2"	3	24
6 x 6"	.160	1/4-20 x 1/2"	14 x 1 1/2"	3	24

Stocked in the following sizes and finishes.

Other sizes and finishes available on F/O

Also available in 2 knuckle (HGR AB920) and 3 knuckle (HGR AB700)

Part No.	Description
HGR BB1279-600 4 1/2 x 4 1/2	USP Ball Bearing Hinge
HGR BB1279-600 4 1/2 x 4 1/2 NRP	USP Ball Bearing Hinge
HGR BB1279-600 5 x 5	USP Ball Bearing Hinge
HGR BB1279-632 4 1/2 x 4 1/2	US3 Ball Bearing Hinge
HGR BB1279-639 4 1/2 x 4 1/2	US10 Ball Bearing Hinge
HGR BB1279-641 4 1/2 x 4 1/2	US10A Ball Bearing Hinge
HGR BB1279-651 4 1/2 x 4 1/2	US26 Ball Bearing Hinge
HGR BB1279-652 4 1/2 x 4 1/2	US26D Ball Bearing Hinge
HGR BB1279-652 4 1/2 x 4 1/2 NRP	US26D Ball Bearing Hinge

Two Ball Bearing Standard Weight Hinge

Full mortise, ball bearing, 5 knuckle



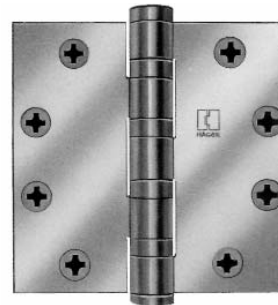
Same specifications as HGR BB1279 with a non-ferrous base metal. Made of brass or stainless steel depending on finish. Pin and screws are made of the same material as the hinge.

Recommended for use on exterior doors where humidity is a factor. Other sizes and finishes available on F/O

Part No.	Description
HGR BB1191-630 4 1/2 x 4 1/2	US32D Stainless Steel Ball Bearing Hinge

Also available in 2 knuckle (HGR AB923) and 3 knuckle (HGR AB800)

Four Ball Bearing Heavy Weight Hinge



Steel base metal, polished and plated. Furnished with all machine screws and 1/2" wood screws.

Ball bearing offer a smooth, gliding, rotating action. Four bearings per hinge. For use on heavy doors of high frequency use where high service is demanded such as schools, hospitals, theaters or other public buildings.

Size Ht x Open Width	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
4 1/2 x 4"	.180	12/24 x 1/2"	12 x 1 1/4"	3	24
4 1/2 x 4 1/2"	.180	12/24 x 1/2"	12 x 1 1/4"	3	24
5 x 4"	.190	12/24 x 1/2"	12 x 1 1/4"	3	24
5 x 4 1/2"	.190	12/24 x 1/2"	12 x 1 1/4"	3	24
5 x 5"	.190	12/24 x 1/2"	12 x 1 1/4"	3	24
6 x 4 1/2"	.203	1/4 - 20" x 1/2"	14 x 1 1/2"	3	24
6 x 5"	.203	1/4 - 20" x 1/2"	14 x 1 1/2"	3	24
6 x 6"	.203	1/4 - 20" x 1/2"	14 x 1 1/2"	3	24
8 x 6"	.203	1/4 - 20" x 1/2"	14 x 1 1/2"	3	24
8 x 8"	.203	1/4 - 20" x 1/2"	14 x 1 1/2"	3	24

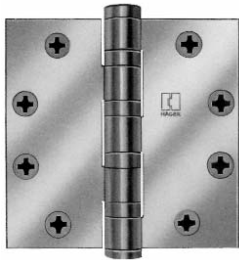
Available in the following finishes: 600 (USP), 632 (US3), 633 (US4), 639 (US10), 640 (US10B), 641 (US10A), 651 (US26), 652 (US26D). Other custom finishes available upon request.

Also available in 2 knuckle (HGR AB930) and 3 knuckle (HGR AB750)

Part No.:
HGR BB1168 652 4 1/2" x 4 1/2"
HGR BB1168 652 4 1/2" x 4 1/2" NRP

FULL MORTISE HINGES

Four Ball Bearing Heavy Weight Hinge



Same specifications as HGR BB1168 with a non-ferrous base metal, except the thickness of 6 × 4 1/2" and larger stainless steel is .190. Supplied in brass or stainless steel depending on finish. Pin and screws are made of the same material as the hinge. Recommended for use on exterior doors where humidity is a factor.

Part No.: HGR BB1199

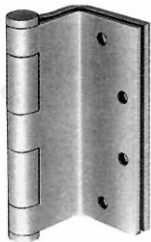
Available in the following finishes: USP, 605 (US3), 606 (US4), 612 (US10), 613 (US10B), 625 (US26), 626 (US26D), 629 (US32), 630 (US32D). Other custom finishes available upon request. Also available in 2 knuckle (HGR AB933) and 3 Knuckle (HGR AB850).

Swing Clear Hinges

Swing clear hinges have an offset pin that puts the pivot point along the face of the hinge jamb, thereby removing the door edge and the barrel of the hinge as obstacles in the opening at 95° or more of swing. Especially useful in hospitals and schools.

Plain Bearing Swing Clear Hinge

Full mortise, 5 knuckle, standard weight



Steel base metal polished and plated. Supplied with all wood screws. Recommended for residential use. Not stocked, available on F/O

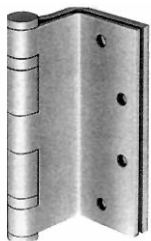
Part No.: HGR 1260

Size Vertical	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
3 1/2"	.119	10/24 × 1/2"	9 × 1"	3	24
4"	.129	10/24 × 1/2"	9 × 1"	3	36

Available in the following finishes: 600 (USP), 632 (US3), 633 (US4), 639 (US10), 640 (US10B), 641 (US10A), 651 (US26), 652 (US26D). Custom finishes available upon request.

Two Ball Bearing Swing Clear Hinge

Standard weight, two ball bearing



Steel base metal, polished and plated. Supplied with all machine screws and 1/2 wood screws. Not stocked, available on F/O

Part No.: HGR BB1260

Size Vertical	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
4 1/2"	.140	12/24 × 1/2"	12 × 1 1/4"	3	36
5"	.140	12/24 × 1/2"	12 × 1 1/4"	3	36

Available in the following finishes: 600 (USP), 632 (US3), 633 (US4), 639 (US10), 640 (US10B), 641 (US10A), 651 (US26), 652 (US26D).

Also available for doors with beveled edges (HGR BB1261), 3 knuckle (HGR AB7001) and 3 knuckle for doors with beveled edges (HGR AB7002).

Four Ball Bearing Heavy Weight Swing Clear Hinge



Steel base metal, polished and plated. supplied with all machine screws and 1/2 wood screws. Not stocked, available on F/O.

Part No.: HGR BB1262

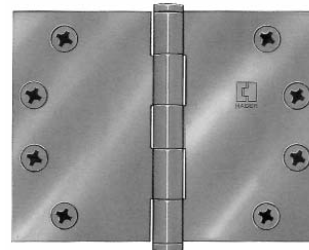
Size Vertical	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
3 1/2"	.187	12/24 × 1/2"	12 × 1 1/4"	3	36
5"	.187	12/24 × 1/2"	12 × 1 1/4"	3	36

Available in the following finishes: 600 (USP), 632 (US3), 633 (US4), 639 (US10), 640 (US10B), 641 (US10A), 651 (US26), 652 (US26D). Custom finishes available upon request.

Also available for doors with beveled edges (HGR BB1263), 3 knuckle (HGR AB7501), and 3 knuckle for doors with beveled edges (HGR AB7502).

Full Mortise Wide Throw Hinge

5 knuckle, standard weight plain bearing



Wide throw hinges are used when a door is not flush with the frame and the door is setting back in a deep reveal from the face of the frame or a projecting wall. The hinge sets the pin away from the door so that it can swing 180°.

HGR WT1279

Size Ht x Open Width	Thickness	Screw Size		Box Qty	Ctn Qty
		Machine	Wood		
3 1/2 × 5"	.119	10/24 × 1/2"	9 × 1"	3	24
3 1/2 × 6"	.119	10/24 × 1/2"	9 × 1"	3	24
4 × 5"	.129	12/24 × 1/2"	12 × 1 1/4"	3	24
4 × 6"	.129	12/24 × 1/2"	12 × 1 1/4"	3	24
4 × 7"	.129	12/24 × 1/2"	12 × 1 1/4"	3	24
4 1/2 × 5"	.134	12/24 × 1/2"	12 × 1 1/4"	3	24
4 1/2 × 6"	.134	12/24 × 1/2"	12 × 1 1/4"	3	24
4 1/2 × 7"	.134	12/24 × 1/2"	12 × 1 1/4"	3	24
4 1/2 × 8"	.134	12/24 × 1/2"	12 × 1 1/4"	3	24
5 × 6"	.145	12/24 × 1/2"	12 × 1 1/4"	3	24
5 × 7"	.145	12/24 × 1/2"	12 × 1 1/4"	3	24
5 × 8"	.145	12/24 × 1/2"	12 × 1 1/4"	3	24

Stocked in the following sizes and finishes. Other sizes and finishes available on F/O.

Part No.	Description
HGR WT1279-600	4 1/2 × 6" USP Wide Throw Std. Weight
HGR WT1279-632	4 1/2 × 6" US3 Wide Throw Std. Weight

Also available in non-ferrous (HGR WT1191)

FULL MORTISE HINGES

Full Mortise Wide Throw 2 Ball Bearing Hinge

5 knuckle, standard weight



Same specifications as HGR WT1279 only with two ball bearings to provide a smooth, gliding rotation. Recommended for use on doors of medium weight and average frequency. Not stocked, available on F/O.

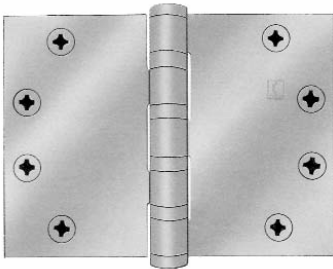
Part No.: HGR WTBB1279

Available in the following finishes: 600 (USP), 632 (US3), 633 (US4), 639 (US10), 640 (US10B), 641 (US10A), 651 (US26), 652 (US26D). Custom finishes available upon request.

Also available in 3 knuckle (HGR WTAB700), in non-ferrous (HGR WTBB1191) and 3 knuckle non-ferrous (HGR WTAB800).

Full Mortise Wide Throw 4 Ball Bearing Hinge

5 knuckle, heavy weight



Performs the same function as the WTBB1279, only with heavy weight leaves and 4 ball bearings. For use on heavy doors of high frequency use where high service is required such as schools, hospitals, theaters and other public buildings. Supplied with all machine screws and 1/2 wood screws. Not stocked, available on F/O.

Part No.: HGR WTBB1168

Size Ht x Open Width	Thickness	Machine	Screw Size		Box Qty	Ctn Qty
			Machine	Wood		
4 1/2 x 5"	.180	12/24 x 1/2"	12 x 1 1/4"	3	24	
4 1/2 x 6"	.180	12/24 x 1/2"	12 x 1 1/4"	3	24	
4 1/2 x 7"	.180	12/24 x 1/2"	12 x 1 1/4"	3	24	
4 1/2 x 8"	.180	12/24 x 1/2"	12 x 1 1/4"	3	24	
5 x 6"	.190	12/24 x 1/2"	12 x 1 1/4"	3	12	
5 x 7"	.190	12/24 x 1/2"	12 x 1 1/4"	3	12	
5 x 8"	.190	12/24 x 1/2"	12 x 1 1/4"	3	12	

Available in the following finishes: 600 (USP), 632 (US3), 633 (US4), 639 (US10), 640 (US10B), 641 (US10A), 651 (US26), 652 (US26D). Custom finishes available upon request.

Also available in 3 knuckle (HGR WTAB750), non-ferrous (HGR WTBB1199) and 3 knuckle non-ferrous (HGR WTAB850)

HALF SURFACE MORTISE HINGES

Half surface hinges are mortised into the side of the jamb and applied to the surface of the door. Not stocked, available on F/O.

Five Knuckle Hinge

Standard Weight, Plated steel



HGR 1173

HGR BB1173

For use on regular weight hollow metal or wood composite doors with hollow metal frames requiring medium frequency service.

Plain Bearing Plated Steel

Part No.	Size Vertical	Thickness	Available Finishes
HGR 1173	3 1/2"	.119	600, 632, 633, 639, 640, 641, 651, 652
	4"	.129	Same
	4 1/2"	.134	Same
	5"	.145	Same

Ball Bearing Plated Steel

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB1173	4"	.129	600, 632, 633, 639, 640, 641, 651, 652
	4 1/2"	.134	Same

Also available in 3 knuckle (HGR AB703)

Non-Ferrous

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2112	4"	.129	USP, 605, 606, 612, 613, 625, 626, 629, 630
	4 1/2"	.134	Same
	5"	.145	Same

Also available in 3 knuckle (HGR AB803)

Heavy Weight, Ball Bearing, Plated Steel

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB1163	4 1/2"	.180	600, 632, 633, 639, 640, 641, 651, 652
	5"	.190	Same
	6"	.203	Same

Also available in 3 knuckle (HGR AB753), swing clear (HGR BB1270), and 3 knuckle swing clear (HGR AB7534)

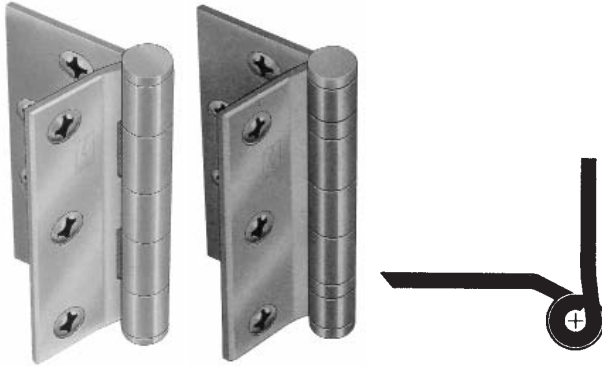
Non-Ferrous

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2113	4 1/2"	.180	USP, 605, 606, 612, 613, 625, 626, 629, 630
	5"	.190	Same
	6"	.203 (Brass)	
		.190(SS)	

Also available in 3 knuckle (HGR AB853)

HALF MORTISE HINGES

Half Mortise, 5 knuckle Hinge



HGR 1129 HGR BB1129

Half mortise hinges are applied to the surface of the jamb and mortised into the edge of the door. Not stocked, available on F/O.

Standard Weight, Plain Bearing

Part No.	Size Vertical	Thickness	Available Finishes
HGR 1129	4 1/2"	.134	600, 632, 633, 639, 640, 641, 651, 652

Standard Weight, Ball Bearing, Plated Steel

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB1129	4 1/2"	.134	600, 632, 633, 639, 640, 641, 651, 652
	5"	.145	Same

Also available in 3 knuckle (HGR AB701)

Non-Ferrous

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB1109	4 1/2"	.134	USP, 605, 606, 612, 613, 625, 626, 629, 630
	5"	.145	Same

Also available in 3 knuckle (HGR AB801)

Heavy Weight, Ball Bearing

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB1138	4 1/2"	.180	600, 632, 633, 639, 640, 641, 651, 652

Also available in 3 knuckle (HGR AB751), Swing Clear (HGR BB1264), and 3 knuckle Swing Clear (HGR AB7511)

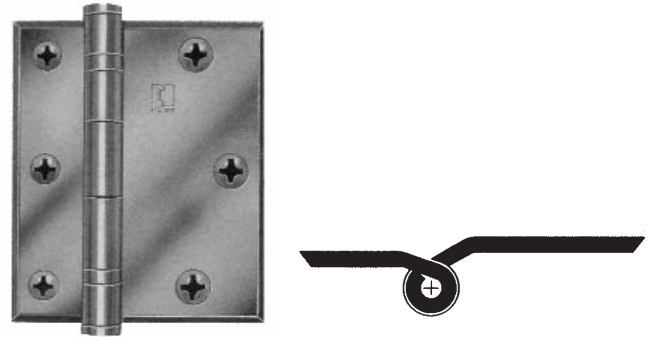
Non-Ferrous

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2098	4 1/2"	.180	USP, 605, 606, 612, 613, 625, 626, 629, 630
	5"	.190	Same
	6"	.203 (Brass)	Same
		.190 (SS)	

Also available in 3 knuckle (HGR AB851)

FULL SURFACE HINGES

Full Surface Mortise, 5 knuckle Hinge



HGR BB2110, HGR BB2171

Full surface hinges are applied to the surface of both the jamb and the door. Not stocked, available on F/O.

Standard Weight, Ball Bearing, Plated Steel

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2171	4 1/2"	.134	600, 632, 633, 639, 640, 641, 651, 652

Also available in 3 knuckle (HGR AB702)

Non-Ferrous

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2110	4 1/2"	.134	USP, 605, 606, 612, 613, 625, 626, 629, 630
	5"	.145	Same

Also available in 3 knuckle (HGR AB802)

Heavy Weight, Ball Bearing, Plated Steel

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2169	4 1/2"	.180	600, 632, 633, 639, 640, 641, 651, 652
	5"	.190	Same
	6"	.203	Same

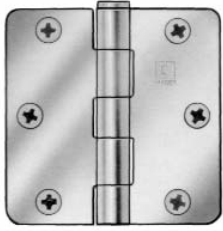
Also available in 3 knuckle (HGR AB752), Swing Clear (HGR BB1266), and 3 knuckle Swing Clear (HGR AB7523)

Non-Ferrous

Part No.	Size Vertical	Thickness	Available Finishes
HGR BB2109	4 1/2"	.180	USP, 605, 606, 612, 613, 625, 626, 629, 630
	5"	.190	Same
	6"	.203 (Brass)	Same
		.190 (SS)	

Also available in 3 knuckle (HGR AB852)

FULL MORTISE RESIDENTIAL HINGES

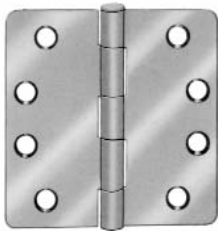


- Plain bearing
 - Residential weight
 - Non template
 - 1/4" radius
 - Boxed, one pair (two each) with screws
- Round corners, five knuckle, reversible, removable pin.

Hinge Size (H x Open W)	No. of Holes	Gauge of Metal	Pin Dia.	Wood Screw Size
3 x 3"	6	.085	.234	3/4 x 9 FH
3 1/2 x 3 1/2"	6	.085	.234	3/4 x 9 FH
4 x 4"	8	.085	.234	1 x 9 FH

Part No.	Description
HGR RC1741-2D 3 1/2 x 3 1/2	US4 Residential Hinge
HGR RC1741-2D 4 x 4	US4 Residential Hinge

Full Mortise Residential Hinge



- Plain bearing
- Residential
- Template
- Round corners
- Steel
- Steel pin
- 1/4" radius
- For use with Timely Frames

Round corners, five-knuckle, reversible, removable pin with screws. Packed one and one-half pair only per box. Regularly furnished with Phillips flat head screws. (1/2 machine screws, 1/2 wood screws.)

Sold in sets of 3 hinges.

Hinge Size (H x Open W)	No. of Holes	Gauge of Metal	Mach. Screw Size	Wood Screw Size
4 x 4	8	.097	1/2 x 10-24 #9 head	1 x 9

Part No.	Description
HGR RC1749-652 4 x 4	26D Timely Frame Hinge

SPRING HINGE



- Steel ANSI K81071F
- Square Corner
- Template
- Single Acting

For automatic closing of door. Meets codes for hotels, motels, institutions and commercial buildings.

For Use on 1 3/4" Door:

Size	Recommended Max Door Wt. (Lbs.)	Spring Hinge	Ball Bearing Hinge
4 1/2 x 4 1/2"	115	2	1
	150	3	

Hinge Size	No. of Holes	Gauge of Metal	Screw Size Machine	Screw Size Wood
4 1/2 x 4 1/2"	8	.134	1/2 x 12-24	1 1/4 x 12

Part No.	Description
HGR 1250-652 4 1/2 x 4 1/2	Spring Hinge

CYLINDRICAL LOCKS

3400 Series Grade 1 Locks

Extra Heavy Duty Commercial, Industrial, Institutional



- Lifetime warranty
- No exposed mounting screws
- Non-handed
- Standard & interchangeable cores available



Std Door Prep: 2 1/8" Dia., Latch Hole: 1" (edge bore)

Certifications: BHMA Certified ANSI A1.2 Grade2
ADA Compliant ANSI A117.1 Accessibility Code (levers only)

ANSI A25.13 Severe windstorm resistant component

UL/cUL Listed for all functions up to 2 hrs. "A" label single doors

UL10C/UBC 7-2 (197) Positive Pressure Rated

Exposed Trim Knobs: wrought brass or stainless steel

Levers: wrought brass, bronze & stainless steel, zinc based

Lock Chassis: Heavy gauge steel, zinc dichromated for corrosion resistance, free wheeling, removable thru-bolts

Note: Failure to install thru-bolts & removable screws posts voids BHMA certification, UL rating & warranty

Rose Diameter: 3 3/8" (levers), 3" (knobs)

Keys: Two brass keys per lock

Cylinders: Brass - keyed different - Schlage C Kw, Drilled 6 - pin, keyed 5-pin - Standard

Door Thickness: Knobs: 1 3/8 - 1 3/4", Levers: 1 3/8 - 2"

Backset: 2 3/4" - Standard, 2 3/8", - Optional

Latchbolt: 1/2" throw - stainless steel

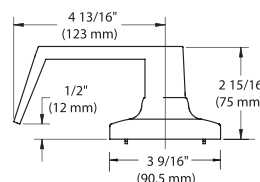
2 1/4 x 1 1/8" Faceplate

Deadlocking latchbolt prevents manipulation when door is closed; keyed functions only

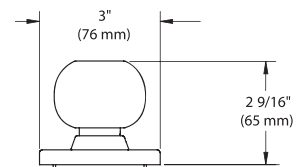
Strike: 3935 ASA 1 1/4 x 4 7/8" strike - Standard

Functions: 10 Passage, 40 Privacy, 53 Entry, 70 Classroom, 80 Storeroom, 95 Intruder Classroom (levers only)

Finishes: US3, US10B, US26D (levers only)
US3, US32D (knobs only)



Withnell Lever



Apollo Knob

Grade 1, Withnell Lever

Part No.	Description
HGR 3410 WTN 10B	-----Passage Lock
HGR 3410 WTN 26D	-----Passage Lock
HGR 3440 WTN 10B	-----Privacy Lock
HGR 3440 WTN 26D	-----Privacy Lock
HGR 3453 WTN 10B	-----Entry Lock
HGR 3453 WTN 26D	-----Entry Lock
HGR 3470 WTN 10B	-----Classroom Lock
HGR 3470 WTN 26D	-----Classroom Lock
HGR 3480 WTN 10B	-----Storeroom Lock
HGR 3480 WTN 26D	-----Storeroom Lock
HGR 3495 WTN 10B	-----Intruder Classroom Lock, Dbl. Cylinder
HGR 3495 WTN 26D	-----Intruder Classroom Lock, Dbl. Cylinder

Latches for 3400 Series

Part No.	Description
HGR 3945 10B	-----Spring latch for passage lock only, 2 ³ / ₈ " backset square corner
HGR 3945 26D	-----Spring latch for passage lock only, 2 ³ / ₈ " backset square corner
HGR 3966 10B	-----Spring latch for privacy lock only, 2 ³ / ₈ " backset square corner
HGR 3966 26D	-----Spring latch for privacy lock only, 2 ³ / ₈ " backset square corner
HGR 3946 10B	-----Dead latch for keyed function locks, 2 ³ / ₈ " backset square corner
HGR 3946 26D	-----Dead latch for keyed function locks, 2 ³ / ₈ " backset square corner
HGR 3936	-----Extension link for 5" backset for Grade 1 locks

3500 Series Grade 2 Locks

Standard Duty Commercial



- Lifetime warranty
- No exposed mounting screws
- Non-handed
- Standard & interchangeable cores available



Std Door Prep: 2¹/₈"
Dia., Latch Hole: 1" (edge bore)

Certifications: BHMA Certified ANSI A1.2 Grade2
ADA Compliant ANSI A1171 Accessibility Code (levers only)
ANSI A25.13 Severe windstorm resistant component
UL/cUL Listed for all functions up to 2 hrs. "A" label single doors
UL10C/UBC 7-2 (197) Positive Pressure Rated

Exposed Trim: Knobs: wrought brass or stainless steel
Levers: wrought brass, bronze & stainless steel, zinc based

Lock Chassis: Heavy gauge steel, zinc dichromated for corrosion resistance, free wheeling, removable thru-bolts

Note: Failure to install thru-bolts & removable screws posts voids BHMA certification, UL rating & warranty

Rose Diameter: 3³/₈" (levers), 3" (knobs)

Keys: Two brass keys per lock

Cylinders: Brass - keyed different - Schlage C Kwy, Drilled 6 - pin, keyed 5-pin - Standard

Door Thickness: Knobs: 1³/₈" - 1³/₄", Levers: 1³/₈" - 2"

Backset: 2³/₄" - Standard, 2³/₈", - Optional

Latchbolt: 1/2" throw - Stainless Steel

2¹/₄ × 1¹/₈" Faceplate

Deadlocking latchbolt prevents manipulation when door is closed; keyed functions only

Strike: 3935 ASA 1¹/₄ × 4⁷/₈" strike -Standard

Functions: 10 Passage, 40 Privacy, 53 Entry, 70 Classroom, 80 Storeroom

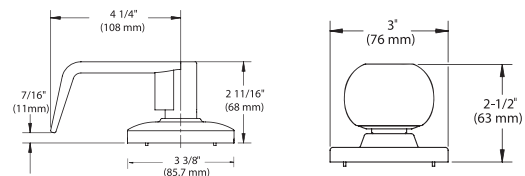
Options: Lead lined (levers only)

Tactile knurling (levers only)

Split finish

Finishes: US10B, US26D (levers only)

US3, US32D (knobs only)



Withnell Lever

Apollo Knob

Grade 2, Withnell Lever

Part No.	Description
HGR 3510 WTN 3 2 ³ / ₄ "	-----Passage Lock, 2 ³ / ₄ " Backset US3
HGR 3510 WTN 3 2 ³ / ₈ "	-----Passage Lock, 2 ³ / ₈ " Backset US3
HGR 3510 WTN 10B 2 ³ / ₄ "	----Passage Lock, 2 ³ / ₄ " Backset US10B
HGR 3510 WTN 10B 2 ³ / ₈ "	----Passage Lock, 2 ³ / ₈ " Backset US10B
HGR 3510 WTN 26D 2 ³ / ₄ "	----Passage Lock, 2 ³ / ₄ " Backset US26D
HGR 3510 WTN 26D 2 ³ / ₈ "	----Passage Lock, 2 ³ / ₈ " Backset US26D
HGR 3540 WTN 3 2 ³ / ₄ "	-----Privacy Lock, 2 ³ / ₄ " Backset US3
HGR 3540 WTN 3 2 ³ / ₈ "	-----Privacy Lock, 2 ³ / ₈ " Backset US3
HGR 3540 WTN 10B 2 ³ / ₄ "	----Privacy Lock, 2 ³ / ₄ " Backset US10B
HGR 3540 WTN 10B 2 ³ / ₈ "	----Privacy Lock, 2 ³ / ₈ " Backset US10B
HGR 3540 WTN 26D 2 ³ / ₄ "	----Privacy Lock, 2 ³ / ₄ " Backset US26D
HGR 3540 WTN 26D 2 ³ / ₈ "	----Privacy Lock, 2 ³ / ₈ " Backset US26D
HGR 3553 WTN 3 2 ³ / ₄ "	-----Entry Lock, 2 ³ / ₄ " Backset US3
HGR 3553 WTN 3 2 ³ / ₈ "	-----Entry Lock, 2 ³ / ₈ " Backset US3
HGR 3553 WTN 10B 2 ³ / ₄ "	----Entry Lock, 2 ³ / ₄ " Backset US10B
HGR 3553 WTN 10B 2 ³ / ₈ "	----Entry Lock, 2 ³ / ₈ " Backset US10B
HGR 3553 WTN 26D 2 ³ / ₄ "	----Entry Lock, 2 ³ / ₄ " Backset US26D
HGR 3553 WTN 26D 2 ³ / ₈ "	----Entry Lock, 2 ³ / ₈ " Backset US26D
HGR 3570 WTN 3 2 ³ / ₄ "	-----Classroom Lock, 2 ³ / ₄ " Backset US3
HGR 3570 WTN 3 2 ³ / ₈ "	-----Classroom Lock, 2 ³ / ₈ " Backset US3
HGR 3570 WTN 10B 2 ³ / ₄ "	----Classroom Lock, 2 ³ / ₄ " Backset US10B
HGR 3570 WTN 10B 2 ³ / ₈ "	----Classroom Lock, 2 ³ / ₈ " Backset US10B
HGR 3570 WTN 26D 2 ³ / ₄ "	----Classroom Lock, 2 ³ / ₄ " Backset US26D
HGR 3570 WTN 26D 2 ³ / ₈ "	----Classroom Lock, 2 ³ / ₈ " Backset US26D

Grade 2, Withnell Lever

- HGR 3580 WTN 3 2³/₄" -----Storeroom Lock, 2³/₄" Backset US3
- HGR 3580 WTN 3 2³/₈" -----Storeroom Lock, 2³/₈" Backset US3
- HGR 3580 WTN 10B 2³/₄" ----Storeroom Lock, 2³/₄" Backset US10B
- HGR 3580 WTN 10B 2³/₈" ----Storeroom Lock, 2³/₈" Backset US10B
- HGR 3580 WTN 26D 2³/₄" ----Storeroom Lock, 2³/₄" Backset US26D
- HGR 3580 WTN 26D 2³/₈" ----Storeroom Lock, 2³/₈" Backset US26D

Grade 2, Apollo Knob

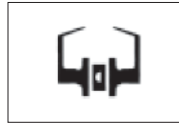
Part No.	Description
HGR 3510 APL 32D 2 ³ / ₄ "	-----Passage Lock, 2 ³ / ₄ " Backset US32D
HGR 3510 APL 32D 2 ³ / ₈ "	-----Passage Lock, 2 ³ / ₈ " Backset US32D
HGR 3540 APL 32D 2 ³ / ₄ "	-----Privacy Lock, 2 ³ / ₄ " Backset US32D
HGR 3540 APL 32D 2 ³ / ₈ "	-----Privacy Lock, 2 ³ / ₈ " Backset US32D
HGR 3553 APL 32D 2 ³ / ₄ "	-----Entry Lock, 2 ³ / ₄ " Backset US32D
HGR 3553 APL 32D 2 ³ / ₈ "	-----Entry Lock, 2 ³ / ₈ " Backset US32D
HGR 3570 APL 32D 2 ³ / ₄ "	-----Classroom Lock, 2 ³ / ₄ " Backset US32D
HGR 3570 APL 32D 2 ³ / ₈ "	-----Classroom Lock, 2 ³ / ₈ " Backset US32D
HGR 3580 APL 32D 2 ³ / ₄ "	-----Storeroom Lock, 2 ³ / ₄ " Backset US32D
HGR 3580 APL 32D 2 ³ / ₈ "	-----Storeroom Lock, 2 ³ / ₈ " Backset US32D

Latches for 3500 Series, Square Corner

Part No.	Description
HGR 3949 3	-----2 ³ / ₈ " Backset Spring latch for passage locks
HGR 3949 10B	-----2 ³ / ₈ " Backset Spring latch for passage locks
HGR 3949 26D	-----2 ³ / ₈ " Backset Spring latch for passage locks
HGR 3947 3	-----2 ³ / ₄ " Backset Spring latch for passage locks
HGR 3947 10B	-----2 ³ / ₄ " Backset Spring latch for passage locks
HGR 3947 26D	-----2 ³ / ₄ " Backset Spring latch for passage locks
HGR 3967 3	-----2 ³ / ₈ " Backset Spring latch for privacy locks
HGR 3967 10B	-----2 ³ / ₈ " Backset Spring latch for privacy locks
HGR 3967 26D	-----2 ³ / ₈ " Backset Spring latch for privacy locks
HGR 3965 3	-----2 ³ / ₄ " Backset Spring latch for privacy locks
HGR 3965 10B	-----2 ³ / ₄ " Backset Spring latch for privacy locks
HGR 3965 26D	-----2 ³ / ₄ " Backset Spring latch for privacy locks
HGR 3950 3	-----2 ³ / ₈ " Deadlatch for keyed functions
HGR 3950 10B	-----2 ³ / ₈ " Deadlatch for keyed functions
HGR 3950 26D	-----2 ³ / ₈ " Deadlatch for keyed functions
HGR 3948 3	-----2 ³ / ₄ " Backset Spring latch for privacy locks
HGR 3948 10B	-----2 ³ / ₄ " Backset Spring latch for privacy locks
HGR 3948 26D	-----2 ³ / ₄ " Backset Spring latch for privacy locks
HGR 3937	-----5" Backset link

Lock Series • Functions

Non-Keyed Locks



Passage, 3400, 3500

Latchbolt operated by lever from either side at all times.

ANSI F75



Privacy, 3400, 3500

Latchbolt operated by lever from either side. Outside lever is locked by push button and unlocked by emergency release outside, operating inside lever or closing door.

ANSI F76A



Entry 3400, 3500

Deadlocking latchbolt operated by lever from either side except when outside lever is locked by the push or turn button inside. Key outside or operating inside lever releases push or turn button unlocking outside lever except when push or turn button has been rotated to keep outside lever locked. Inside push or turn button must be manually operated to unlock outside lever. Inside lever always operates latchbolt.

ANSI F109



Classroom, 3400, 3500

Deadlocking latchbolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latchbolt is operated by inside lever.

ANSI F84



Corridor, 3400, 3500

Deadlocking latchbolt operated by lever from either side except when outside lever is locked by key in outside lever or by push button or other locking device inside. Key in outside lever locks or unlocks outside lever. Operating inside lever releases push button or other locking device placed in a locked position. Closing door releases push button or other inside locking device. Inside lever always operates latchbolt.

ANSI F90



Storeroom, 3400, 3500

Deadlocking latchbolt operated by key in outside lever, or by operating inside lever. Outside lever is always locked.

ANSI F86



Intruder Classroom, 3400

Deadlocking latchbolt operated by lever from either side. Key either inside or outside locks or unlocks outside lever. Inside lever always operates latchbolt.

ANSI F110

DOOR CLOSERS

5100 Series Grade 1 Door Closer

Heavy Duty Surface Door Closer



- Lifetime warranty
- Tri-pack mount – Standard
- Sex nuts and bolts – Standard

Ideal for schools, hospitals and other high-use environments

Certifications: ADA Compliant ANSI A117.1

Accessibility Code only for adjustable sizes 1 to 4

UL/cUL Listed for up to 3 hours

UL10C Positive Pressure Rated

UL10B Neutral Pressure Rated

Material: Cast iron

Cover: Full plastic cover – Standard

Springs: One piece seamless steel spring tube

Double heat treated steel, tempered springs

Valves: Adjustable latching and sweep speed valves

Adjustable backcheck valve

Delayed action valve – Optional

Staked valves – Standard

Handing: Non-handed

Arms & Brackets: Tri-Pack: Regular, top jamb and parallel arm mount – Standard

Door Thickness: 1 3/4" – Standard

Fasteners: Self-reaming, self-tapping wood and machine screws
Sex nuts and bolts

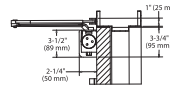
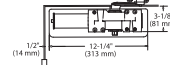
Notes: Full rack and pinion operation

Precision machined, heat treated steel piston

Triple heat treated steel spindle

Arm Mounts

Regular Arm Mount



Opening: Templating allows up to 120°

Hold-Open: Hold-open points 90° up to 120° with hold-open arm

Frame Face: 1 1/4" minimum

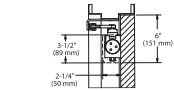
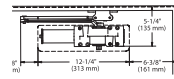
Ceiling Clearance: 1 1/4" minimum

Top Rail: Less than 3 3/4" requires plate, 5109
Plate requires 2" minimum

Top Rail

Clearance: 4" from the top of door

Parallel Arm Mount



Opening: Templating allows up to 180°

Hold-Open: Hold-open points 90° up to 180° with hold-open arm

Top Rail: Standard hollow metal 5/8" frame stop

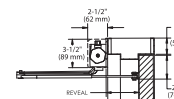
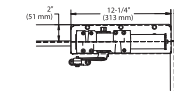
Less than 5 1/2" from the stop
requires plate, 5110

Plate requires 2" min. from the top

Top Rail

Clearance: 6 1/4" from the top of door

Top Jamb Mount



Opening: Templating allows up to 120°

Hold-Open: Hold-open points 85° up to 120° with hold-open arm

Frame Face: Less than 3 1/2" requires drop plate, 5115

Ceiling

Clearance: Plate requires 4" minimum

Top Rail: Requires 1 3/8" minimum

Top Rail

Clearance: 1 1/2" from the top of the door

Part No.

HGR 5100 AL -----Sprayed Aluminum

HGR 5100 DBZ -----Sprayed Dark Bronze

Finish

5200 Series Grade 1 Door Closer

Heavy Duty Surface Door Closer



- Lifetime warranty
- Tri-pack mount – Standard
- Sex nuts and bolts – Standard

Ideal for schools, hospitals and other high-use environments

Certifications: BHMA Certified ANSI A156.4, adjustable sizes 2 to 5 - Standard

UL/cUL Listed for up to 3 hours

UL10C Positive Pressure Rated

UL10B Neutral Pressure Rated

Material: Aluminum alloy

Cover: Full plastic cover – Standard

Springs: Double heat treated steel, tempered springs

Valves: Adjustable latching and sweep speed valves
Adjustable backcheck valve

Handing: Non-handed

Arms & Brackets: Tri-Pack: Regular, top jamb and parallel arm mount – Standard

15% power adjustment in arm

Door Thickness: 1 3/4" – Standard

Fasteners: Self-reaming, self-tapping wood and machine screws

Sex nuts and bolts

Notes: Full rack and pinion operation

Precision machines, heat treated steel piston

Triple heat treated steel spindle

Arm Mounts

Regular Arm Mount

Opening: Templating allows up to 180°
Hold-Open: Hold-open points 90° up to 180° with hold-open arm

Frame Face: 1 3/8" minimum

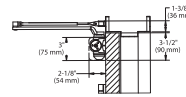
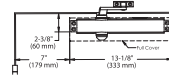
Ceiling

Clearance: 1 3/4" minimum
1 5/8" minimum for hold-open arm

Top Rail: 2 1/2" minimum without drop plate
1 5/8" minimum with plate, 5918

Top Rail

Clearance: 3 1/2" minimum



Parallel Arm Mount

Opening: Templating allows up to 180°

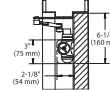
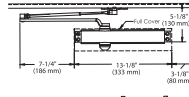
Hold-Open: Hold-open points 90° up to 180° with hold-open arm

Top Rail: Standard hollow metal 5/8" frame stop

1 5/8" minimum

Top Rail

Clearance: 6 1/4" minimum



Top Jamb Mount

Opening: Templating allows up to 180°

Hold-Open: Hold-open points 90° up to 180° with hold-open

Frame Face: 1 7/8" minimum

1 1/8" minimum with plate, 5918

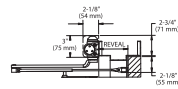
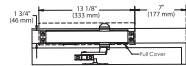
Ceiling

Clearance: 2 3/4" minimum
1 5/8" minimum with plate 5918

Top Rail: 2" minimum

Top Rail

Clearance: 2 1/4" minimum
2 1/2" minimum for hold-open
3 3/8" minimum with plate, 5918
3 5/8" minimum for hold-open with plate



Part No.	Finish
HGR 5200 AL	-----Sprayed Aluminum
HGR 5200 DBZ	-----Sprayed Dark Bronze