



Philadelphia Hardware Group Inc.

6590 Top Gun Street
 San Diego, CA 92121
www.philihardware.com
 Tel

858.642.0450
 858.545.2309
 Fax
 858.642.0454

Commercial Hinge

Ball Bearing

SPECIFICATIONS

- 5 Knuckles, 2 ball bearing, non-rising removable pin with button tip and plug.
- ANSI A156.1 Grade 1 or Grade 2.
- Square Corner.
- Full Mortise, template (ANSI A156.7).
- Standard Weight – 2 Ball Bearing (2BB)
- Heavy Weight – 4 Ball Bearing (4BB)
- Finish – 652 (Satin Chrome on Steel)
 630 (304 Satin Stainless Steel)



4-1/2" x 4-1/2"
4 Ball Bearing 652

MATERIAL: Steel with Steel Pin

FULL MORTISE ITEMS

CODE	SIZE	RADIUS	BEARING	MATERIAL	ANSI GAUGE
CH4416	4-1/2" x 4"	square	2 BB	steel	A8112 0.134" (3.4mm)
CH4516	4-1/2" x 4-1/2"	square	2 BB	steel	A8112 0.134" (3.4mm)
CHB4516	4-1/2" x 4-1/2"	square	2 BB	brass	A2112 0.134" (3.4mm)
CH5416	5" x 4"	square	2 BB	steel	A8112 0.146" (3.7mm)
CH5216	5" x 4-1/2"	square	2 BB	steel	A8112 0.146" (3.7mm)
CH5016	5" x 5"	square	2 BB	steel	A8112 0.146" (3.7mm)
CH4616	4-1/2" x 4-1/2"	square	4 BB	steel	A8112 0.180" (4.6mm)
CH5516	5" x 4"	square	4 BB	steel	A8112 0.190" (4.8mm)
CHB5516	5" x 4"	square	4 BB	brass	A2112 0.190" (4.8mm)
CH5616	5" x 4-1/2"	square	4 BB	steel	A8112 0.190" (4.8mm)
CH5816	5" x 5"	square	4 BB	steel	A8112 0.190" (4.8mm)
CH4616-G1	4-1/2" x 4-1/2"	square	4 BB	steel	A8111 0.180" (4.6mm)
CH5516-G1	5" x 4"	square	4 BB	steel	A8111 0.190" (4.8mm)
CH5616-G1	5" x 4-1/2"	square	4 BB	steel	A8111 0.190" (4.8mm)
CH5816-G1	5" x 5"	square	4 BB	steel	A8111 0.190" (4.8mm)

FULL MORTISE N.R.P. ITEMS

CODE	SIZE	RADIUS	BEARING	MATERIAL	ANSI GAUGE
CN4416	4-1/2" x 4"	square	2 BB	steel	A8112 0.134" (3.4mm)
CN4516	4-1/2" x 4-1/2"	square	2 BB	steel	A8112 0.134" (3.4mm)
CNB4516	4-1/2" x 4-1/2"	square	2 BB	brass	A2112 0.134" (3.4mm)
CN5416	5" x 4"	square	2 BB	steel	A8112 0.146" (3.7mm)
CN5216	5" x 4-1/2"	square	2 BB	steel	A8112 0.146" (3.7mm)
CN5016	5" x 5"	square	2 BB	steel	A8112 0.146" (3.7mm)
CN4616	4-1/2" x 4-1/2"	square	4 BB	steel	A8112 0.180" (4.6mm)
CN5516	5" x 4"	square	4 BB	steel	A8112 0.190" (4.8mm)
CNB5516	5" x 4"	square	4 BB	brass	A2112 0.190" (4.8mm)
CN5616	5" x 4-1/2"	square	4 BB	steel	A8112 0.190" (4.8mm)
CN5816	5" x 5"	square	4 BB	steel	A8112 0.190" (4.8mm)
CN4616-G1	4-1/2" x 4-1/2"	square	4 BB	steel	A8111 0.180" (4.6mm)
CN5516-G1	5" x 4"	square	4 BB	steel	A8111 0.190" (4.8mm)
CN5616-G1	5" x 4-1/2"	square	4 BB	steel	A8111 0.190" (4.8mm)
CN5816-G1	5" x 5"	square	4 BB	steel	A8111 0.190" (4.8mm)

Specify suffix "HT" for Hospital Tip.

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MATERIAL: Stainless Steel with Stainless Steel Pin

FULL MORTISE ITEMS

CODE	SIZE	RADIUS	BEARING	MATERIAL	ANSI	GAUGE
CH4432	4-1/2" x 4"	square	2 BB	stainless steel	A5112	0.134" (3.4mm)
CH4532	4-1/2" x 4-1/2"	square	2 BB	stainless steel	A5112	0.134" (3.4mm)
CH5432	5" x 4"	square	2 BB	stainless steel	A5112	0.146" (3.7mm)
CH5232	5" x 4-1/2"	square	2 BB	stainless steel	A5112	0.146" (3.7mm)
CH5032	5" x 5"	square	2 BB	stainless steel	A5112	0.146" (3.7mm)
CH4632	4-1/2" x 4-1/2"	square	4 BB	stainless steel	A5112	0.180" (4.6mm)
CH5532	5" x 4"	square	4 BB	stainless steel	A5112	0.190" (4.8mm)
CH5632	5" x 4-1/2"	square	4 BB	stainless steel	A5112	0.190" (4.8mm)
CH5832	5" x 5"	square	4 BB	stainless steel	A5112	0.190" (4.8mm)
CH4632-G1	4-1/2" x 4-1/2"	square	4 BB	stainless steel	A5111	0.180" (4.6mm)
CH5532-G1	5" x 4"	square	4 BB	stainless steel	A5111	0.190" (4.8mm)
CH5632-G1	5" x 4-1/2"	square	4 BB	stainless steel	A5111	0.190" (4.8mm)
CH5832-G1	5" x 5"	square	4 BB	stainless steel	A5111	0.190" (4.8mm)

FULL MORTISE N.R.P. ITEMS

CODE	SIZE	RADIUS	BEARING	MATERIAL	ANSI	GAUGE
CN4432	4-1/2" x 4"	square	2 BB	stainless steel	A5112	0.134" (3.4mm)
CN4532	4-1/2" x 4-1/2"	square	2 BB	stainless steel	A5112	0.134" (3.4mm)
CN5432	5" x 4"	square	2 BB	stainless steel	A5112	0.146" (3.7mm)
CN5232	5" x 4-1/2"	square	2 BB	stainless steel	A5112	0.146" (3.7mm)
CN5032	5" x 5"	square	2 BB	stainless steel	A5112	0.146" (3.7mm)
CN5532	5" x 4"	square	4 BB	stainless steel	A5112	0.190" (4.8mm)
CN4632	4-1/2" x 4-1/2"	square	4 BB	stainless steel	A5112	0.180" (4.6mm)
CN5632	5" x 4-1/2"	square	4 BB	stainless steel	A5112	0.190" (4.8mm)
CN5832	5" x 5"	square	4 BB	stainless steel	A5112	0.190" (4.8mm)
CN4632-G1	4-1/2" x 4-1/2"	square	4 BB	stainless steel	A5111	0.180" (4.6mm)
CN5532-G1	5" x 4"	square	4 BB	stainless steel	A5111	0.190" (4.8mm)
CN5632 -G1	5" x 4-1/2"	square	4 BB	stainless steel	A5111	0.190" (4.8mm)
CN5832-G1	5" x 5"	square	4 BB	stainless steel	A5111	0.190" (4.8mm)

Specify suffix "HT" for Hospital Tip.

PACKING

Box for All Ball Bearing Hinges, 3pcs Hinges in one Box. Each Hinge comes with poly bag

SCREWS

4-1/2" Commercial Hinges

8 pcs of #12 x 1-1/4" Wood screws
8 pcs (8pcs) of #12 x 1/2" 12-24NC Machine screws.

5" Commercial Hinges

8 pcs of #12 x 1-1/4" Wood screws
8 pcs (8pcs) of #12 x 1/2" 12-24NC Machine screws.

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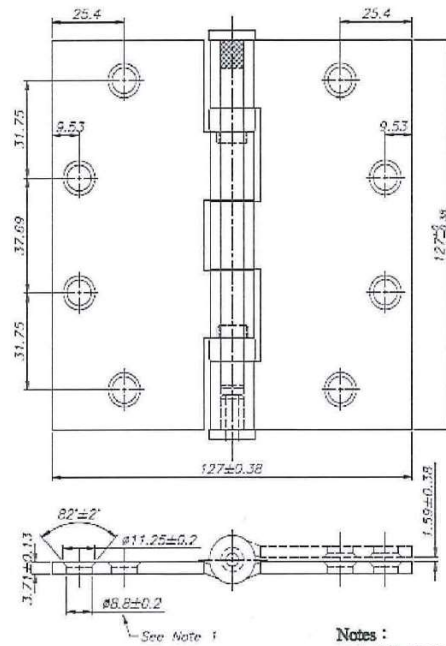
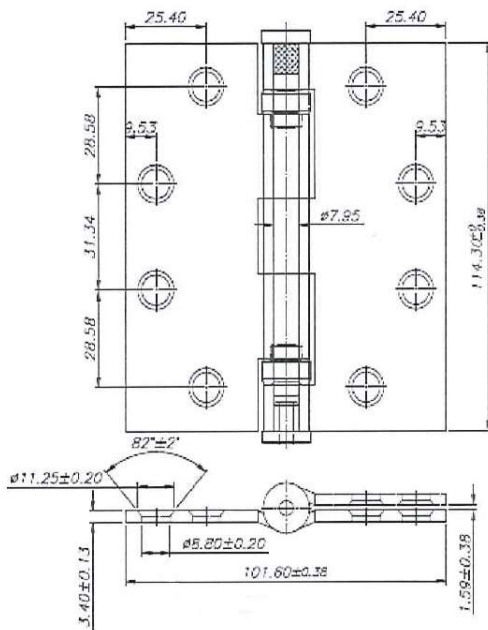
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DIMENSIONS (Standard weight 2 Ball Bearing)

4.5" x 4.0" x SQ (114.30mm x 101.6mm)

5.0" x 5.0" x SQ (127mm x 127mm)



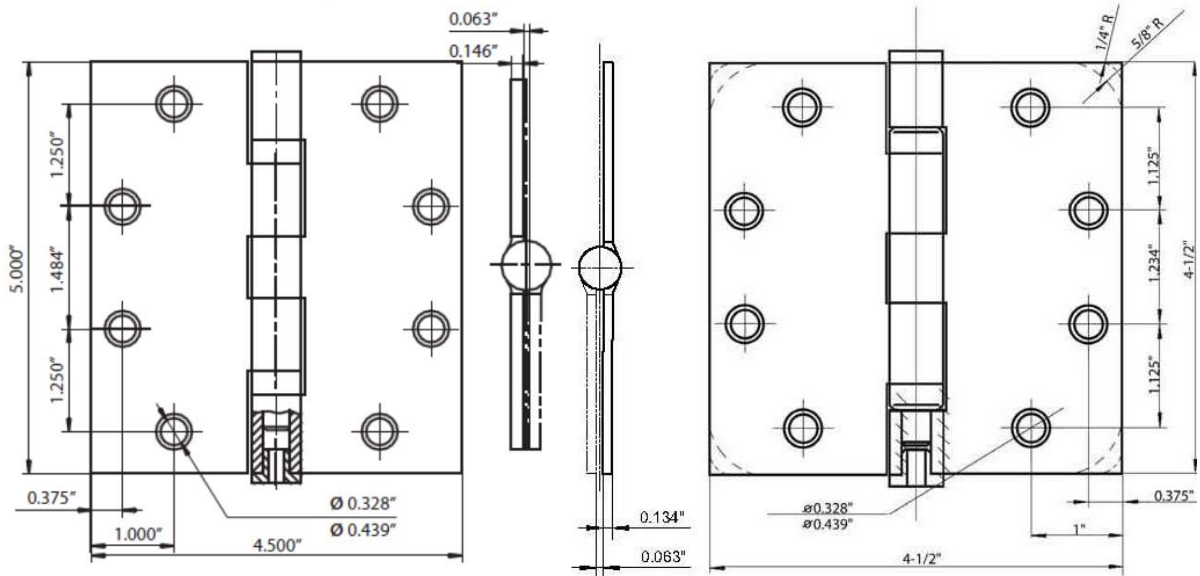
Notes:
 1. For Steel: Holes $\phi 8.8$; For Stainless Steel: Holes $\phi 7.23$

COMMERCIAL HINGE

4 1/2" X 4 1/2"

Not To Scale

5" x 4-1/2" x SQ Standard Weight Ball Bearing



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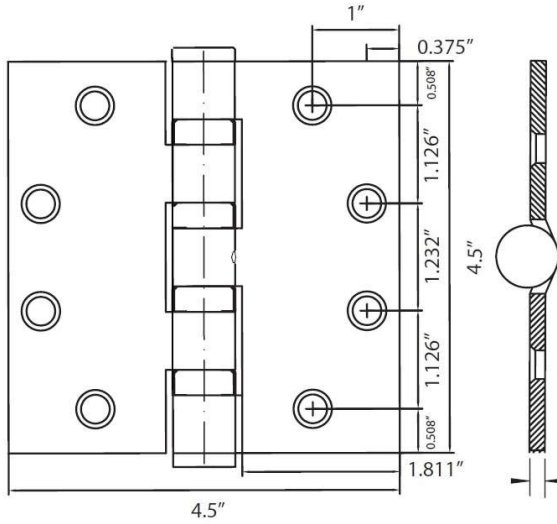
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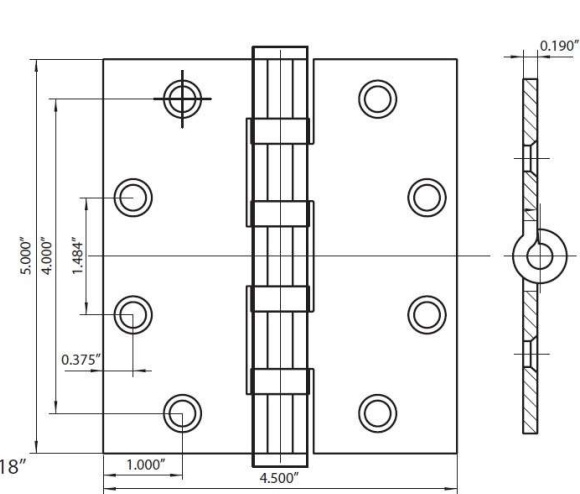
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DIMENSIONS (Heavy Weight 4 Ball Bearing)

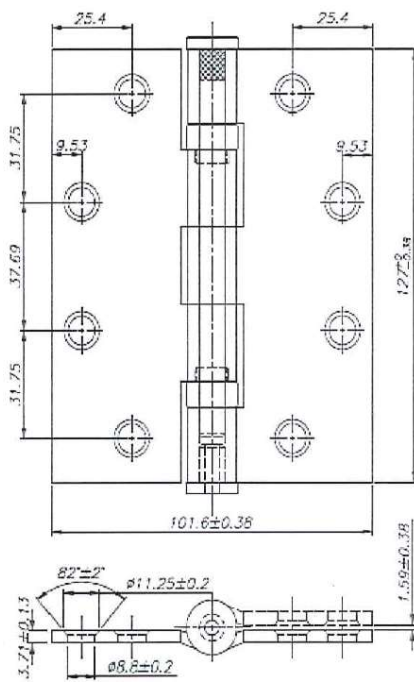
4.5" x 4.5" x SQ



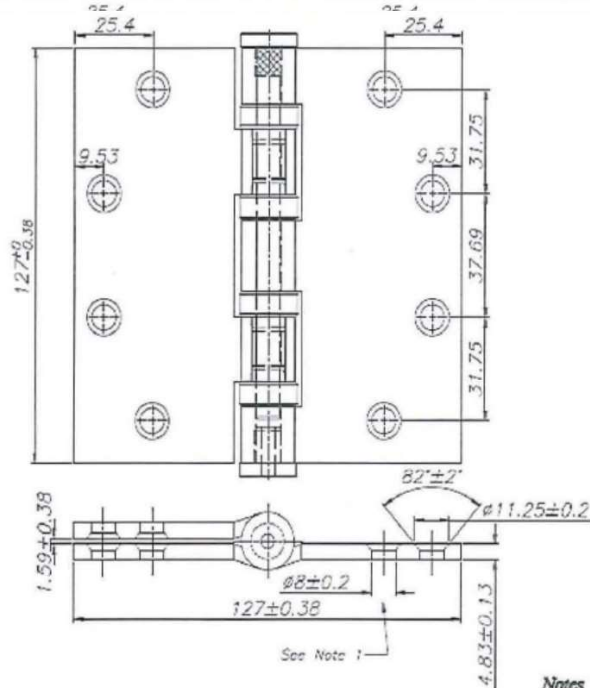
5.0" x 4.5" x SQ



5.0" x 4.0" x SQ (127.0mm x 101.6mm)



5.0" x 5.0" x SQ (127mm x 127mm)



Notes :
 1. For Steel: Holes ϕ 8.0 ;
 For Stainless Steel: Holes ϕ 7.25

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