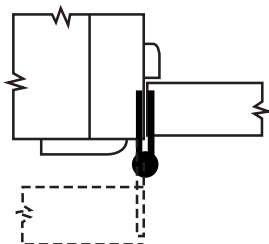


GENERAL HINGE INFORMATION

Application



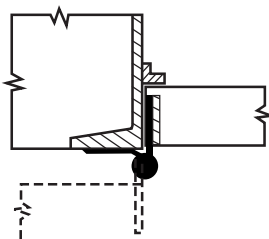
Full Mortise

Doors

Solid Core Wood
Hollow Metal
Mineral Core Wood Doors
with minimum $\frac{3}{4}$ " Edge Style

Frames

Wood
Hollow Metal



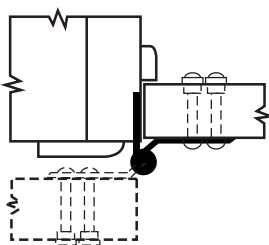
Half Mortise

Doors

Solid Core Wood
Hollow Metal

Frames

Channel Iron
Tubular



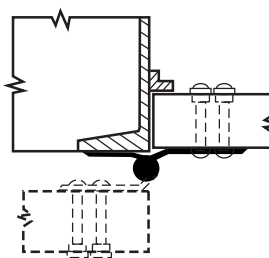
Half Surface

Doors

Hollow Core Wood
Mineral Core Wood Doors
with less than $\frac{3}{4}$ " Edge Style

Frames

Wood
Hollow Metal



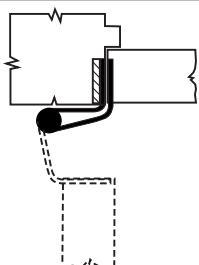
Full Surface

Doors

Hollow Core Wood
Kalamein

Frames

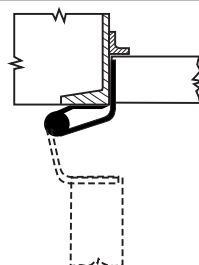
Channel Iron
Tubular



Swing Clear Full Mortise

Doors
Wood

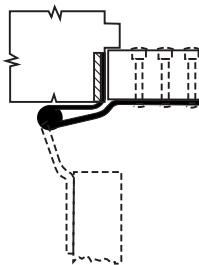
Frames
Hollow Metal



Swing Clear Half Mortise

Doors
Wood

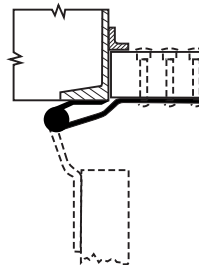
Frames
Channel Iron



Swing Clear Half Surface

Doors
Mineral Core

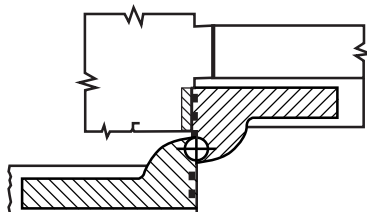
Frames
Hollow Metal



Swing Clear Full Surface

Doors
Mineral Core

Frames
Channel Iron



Pivot Reinforced Full Mortise

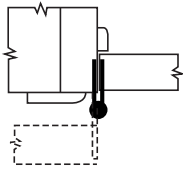
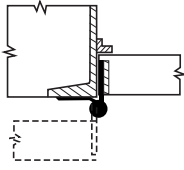
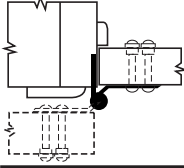
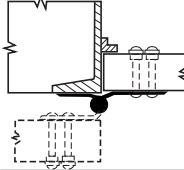
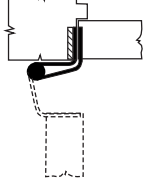
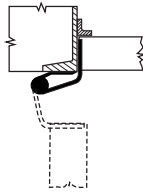
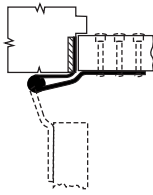
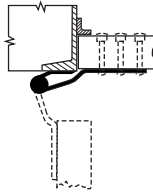
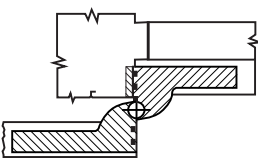
Doors

Solid Core Wood
Hollow Metal

Frames

Hollow Metal

HINGE TYPE AND DESIGN SELECTION CHART

				3 Knuckle Concealed Bearing Shown	3 Knuckle CB			
					Std. Weight Steel	Non-ferrous	Heavy Weight Steel	Non-ferrous
	Full Mortise				CB1900R	CB1960R	CB1901R	CB1961R
Doors Solid Core Wood Hollow Metal Mineral Core Wood Doors w/ minimum 3/4" Edge Style	Frames Wood Hollow Metal							
	Half Mortise				CB1920R	CB1980R	CB1921R	CB1981R
Doors Solid Core Wood Hollow Metal	Frames Channel Iron Tubular							
	Half Surface				CB1910R	CB1970R	CB1911R	CB1971R
Doors Hollow Core Wood Mineral Core Wood Doors with less than 3/4" Edge Style	Frames Wood Hollow Metal							
	Full Surface				CB1930R	CB1990R	CB1931R	CB1991R
Doors Hollow Core Wood Kalamein	Frames Channel Iron Tubular							
	Doors Wood	Frames Hollow Metal			CB1946R for beveled edge doors	STS CB1946R for beveled edge doors	CB1948R for square edge doors	STS CB1948R for square edge doors
					CB1947R for square edge doors	STS CB1947R for square edge doors	CB1949R for beveled edge doors	STS CB1949R for beveled edge doors
	Doors Wood	Frames Channel Iron			—	—	CB1941R for square edge doors	STS CB1941R for square edge doors
							CB1942R for beveled edge doors	STS CB1942R for beveled edge doors
	Doors Mineral Core	Frames Hollow Metal			—	—	CB1959R	STS CB1959R
	Doors Mineral Core	Frames Channel Iron			—	—	CB1951R	STS CB1951R
	Doors Solid Core Wood Hollow Metal	Frames Hollow Metal		 	—	—	CB1907R frame plate only CB1908R frame & door plate for square edge doors CB1909R frame & door plate for beveled edge doors	CB1967R frame plate only CB1968R frame & door plate for square edge doors CB1969R frame & door plate for beveled edge doors

GENERAL HINGE INFORMATION

Special Situation Products

Swing Clear Hinges

- Wherever doors are required to meet barrier – free codes, or are required to swing completely out of the opening so that wide equipment can pass through without damaging doors and frames or the equipment



Full Mortise



Half Mortise



Full Surface



Half Surface

See
3 Knuckle
Hinge Section

See
5 Knuckle
Hinge Section

Decorative Hinges

Olive Knuckle

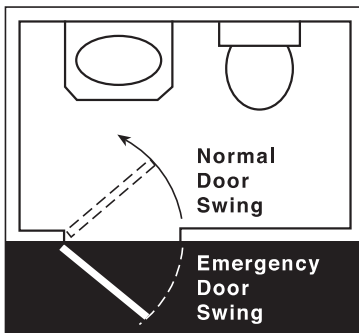


See
Miscellaneous
Door Hardware
Section

BB95 – 6" x 3 7/8" (152 x 98mm)

Hospital Emergency Rescue Hardware

- For application to doors from patient rooms to private baths. Permits door to normally swing into the bath, thus saving space, yet swing out into the bedroom in case of emergency when a patient is trapped inside

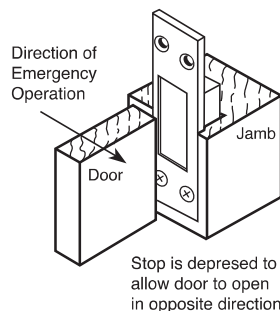
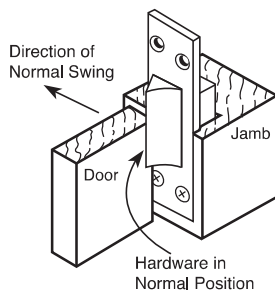


DAP-3
Double Acting Pivot



ES-1
Emergency
Door Stop

See
Emergency
Hardware
Section



DLS - 1
Double Lipped Strike
For 1/8" Inset Hung Doors



DLS - 2
Double Lipped Strike
For Center Hung Doors

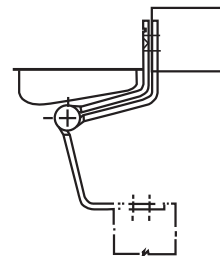
5 KNUCKLE SWING CLEAR HINGES

Standard Weight Plain Bearing “Swing Clear” Full Mortise



F248 – (ANSI A8123) Steel – polished and plated or phosphated and prime coated for painting

- Equipped with easily seated non-rising pins
- Reversible flush tips and pins
- Ideal for remodeling or new construction
- Available for full mortise application on square edge doors only
- Designed to replace existing 3 1/2" (89mm) or 4" (102mm) hinges for Swing Clear openings (some preparation modification typically required for residential use)
- Designed to swing doors completely clear of the opening when door is opened 95°



Class Number	Size Length of Joint		Gauge of Metal		Flat Head Wood Screws/ Per Piece	Quantity Per Box	Quantity Per Case	Case Weight	
	Inches	(mm)	Inches	(mm)				Lbs.	(Kg)
F248	3 1/2	(89)	.123	(3.1)	6-10 X 1	2 EA.	20 EA.	16	(7)
	4	(102)	.130	(3.3)	8-12 X 1 1/4	2 EA.	20 EA.	24	(11)

Standard Weight Concealed Bearing “Swing Clear” Full Mortise

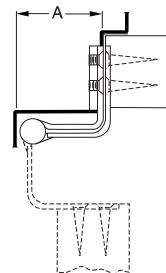
LifeSpan®



CB248 – (ANSI A8122) } Steel –
CB258 – (ANSI A8122) } polished and plated or
 phosphated and prime
 coated for painting

STSCB248 – (ANSI A5122) } Stainless Steel –
STSCB258 – (ANSI A5122) } highly polished or
 satin finish

- Reversible flush tips and pins
- Ideal for remodeling or new construction
- Specify CB248 and STSCB248 for full mortise application on square edge doors
- Specify CB258 and STSCB258 for full mortise application on bevel edge doors
- Designed to swing doors completely clear of the opening when door is opened 90°
- Concealed LifeSpan® bearing is maintenance-free – no oil, no grease
- Hinges can be furnished with hospital tips (HT)
- LifeSpan® limited lifetime warranty



CB248 (Shown) and STSCB248
 {For square edge doors}

CB258 and STSCB258
 {For doors beveled 1/8" in 2" (3.2 in 51mm)}

Class Number	Size Length of Joint		Minimum Clearance Required Dimensions "A"		Gauge of Metal		Flat Head Screws/ Per Piece		Quantity Per Box	Quantity Per Case	Case Weight	
	inches	(mm)	inches	(mm)	inches	(mm)	Frame Leaf-Machine	Door Leaf-Wood			Lbs.	(Kg)
CB248, STSCB248	4 1/2	(114)	2 1/8	(54)	.134	(3.4)	4-12-24 X 1 1/2	4-12 X 1 1/4	3 EA.	24 EA.	36	(17)
CB258, STSCB258	4 1/2	(114)	2 1/8	(54)	.134	(3.4)	4-12-24 X 1 1/2	4-12 X 1 1/4	3 EA.	24 EA.	36	(17)

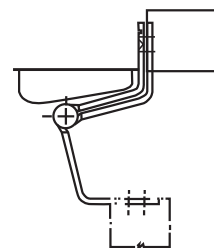
5 KNUCKLE SWING CLEAR HINGES

Standard Weight Plain Bearing “Swing Clear” Full Mortise



F248 – (ANSI A8123) Steel – polished and plated or phosphated and prime coated for painting

- Equipped with easily seated non-rising pins
- Reversible flush tips and pins
- Ideal for remodeling or new construction
- Available for full mortise application on square edge doors only
- Designed to replace existing 3 1/2" (89mm) or 4" (102mm) hinges for Swing Clear openings (some modification of preparation may be required for residential use)
- Designed to swing doors completely clear of the opening when door is opened 95°



Class Number	Size Length of Joint		Gauge of Metal		Flat Head Wood Screws/ Per Piece	Quantity Per Box	Quantity Per Case	Case Weight	
	Inches	(mm)	Inches	(mm)				Lbs.	(Kg)
F248	3 1/2	(89)	.123	(3.1)	6-10 X 1	2 EA.	20 EA.	16	(7)
	4	(102)	.130	(3.3)	8-12 X 1 1/4	2 EA.	20 EA.	24	(11)

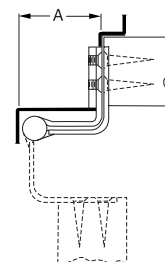
Standard Weight Ball Bearing “Swing Clear” Full Mortise



FBB248 – (ANSI A8122) } Steel –
FBB258 – (ANSI A8122) } polished and plated or
 phosphated and prime
 coated for painting

STSFBB248 – (ANSI A5122) } Stainless Steel –
STSFBB258 – (ANSI A5122) } highly polished or
 satin finish

- Reversible flush tips and pins
- Ideal for remodeling or new construction
- Specify FBB248 and STSFBB248 for full mortise application on square edge doors
- Specify FBB258 and STSFBB258 for full mortise application on bevel edge doors
- Designed to swing doors completely clear of the opening when door is opened 90°
- Equipped with two Stanley permanently lubricated non-detachable ball bearings
- Hinges can be furnished with hospital tips (HT)



FBB248 (Shown) and STSFBB248
 {For square edge doors}

FBB258 and STSFBB258
 {For doors beveled 1/8" in 2" (3.2 in 51mm)}

Class Number	Size Length of Joint		Minimum Clearance Required Dimensions "A"		Gauge of Metal		Flat Head Screws/ Per Piece		Quantity Per Box	Quantity Per Case	Case Weight	
	inches	(mm)	inches	(mm)	inches	(mm)	Frame Leaf-Machine	Door Leaf-Wood			Lbs.	(Kg)
FBB248, STSFBB248	4 1/2	(114)	2 1/8	(54)	.134	(3.4)	4-12-24 X 1 1/2	4-12 X 1 1/4	3 EA.	24 EA.	36	(17)
FBB258, STSFBB258	4 1/2	(114)	2 1/8	(54)	.134	(3.4)	4-12-24 X 1 1/2	4-12 X 1 1/4	3 EA.	24 EA.	36	(17)