

5 Knuckle Half Surface Hinges

Heavy Weight Concealed Bearing

CB163 (ANSI A8411) Steel – polished and plated or phosphated and prime coated for painting

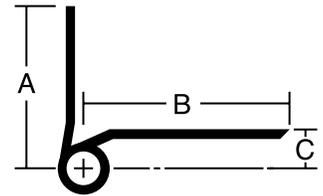
CB113 (ANSI A2411) Brass or bronze – polished and plated or painted

CB113 (32) (ANSI A5411) Stainless steel – highly polished

CB113 (32D) (ANSI A5411) Stainless steel – satin finish



- For heavy or high frequency wood, or mineral core doors with edge rails that won't hold screws hung on hollow metal frames
- Heavy weight gauge increases available bearing surface
- Concealed bearing is maintenance free – no oil, no grease
- Pins in non-ferrous hinges are stainless steel
- Reversible flush tips and pins
- Hinges can be furnished with hospital tips (HT)
- Consider using a back plate with these hinges
- Limited lifetime warranty
- Packed with machine screws and grommet nuts for 1 3/4" doors



Measurements below

Size Length of Joint	Width		Offset (C)	Gauge of Metal	Flat Head Screws Per Piece		Quantity Per Box	Quantity Per Case	Case Weight	
	Frame Leaf (A)	Door Leaf (B)			Frame Leaf	Door Leaf			Bronze	Steel
Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)					Lbs. (Kg)	Lbs. (Kg)
4 1/2 (114)	2 1/8 (54)	2 9/16 (65)	5/8 (15.9)	.180 (4.6)	4-12-24 x 1/2	3-1/4-20 x 2	3 ea.	30 ea.	59 (27)	47 (21)
5 (127)	2 1/8 (54)	2 7/8 (73)	5/8 (15.9)	.190 (4.8)	4-12-24 x 1/2	4-1/4-20 x 2	3 ea.	24 ea.	58 (26)	48 (22)
6 (152)	2 1/8 (54)	3 1/4 (82.6)	5/8 (15.9)	.203 (5.2)	5-1/4-20 x 1/2	5-1/4-20 x 2	3 ea.	24 ea.	90 (41)	82 (37)