

## 3 Knuckle Half Surface Hinges

### Standard Weight Concealed Bearing

**CB1910R** – (ANSI A8412) Steel – polished and plated or phosphated and prime coated for painting

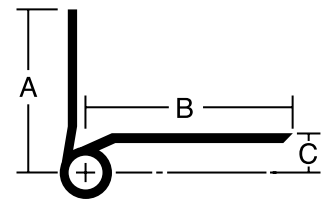
**CB1970R** – (ANSI A2412) Brass or bronze – polished and plated or painted

**CB1970R (32)** – (ANSI A5412) Stainless steel – highly polished

**CB1970R (32D)** – (ANSI A5412) Stainless steel – satin finish



- For medium weight wood, kalamein, or mineral core doors with edge rails that won't hold screws, hung on hollow metal frames, of average frequency
- Concealed bearing for trouble-free, long life – no oil, no grease, no maintenance
- Pins in nonferrous 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
- Available with exposed tips (ET)
- 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)			Lbs. (Kg)	Lbs. (Kg)
4 (102)	11 3/16 (46)	2 1/4 (57.2)	1/2 (12.7)	.130 (3.3)	4-12-24 x 1/2	3-1/4-20 x 2	3 ea.	48 ea.	56 (25)	47 (21)
4 1/2 (114)	2 1/16 (52.4)	2 9/16 (65.1)	9/16 (14.3)	.134 (3.4)	4-12-24 x 1/2	3-1/4-20 x 2	3 ea.	30 ea.	44 (20)	37 (17)
5 (127)	2 1/16 (52.4)	2 7/8 (73)	9/16 (14.3)	.146 (3.7)	4-12-24 x 1/2	4 -1/4-20 x 2	3 ea.	24 ea.	48 (22)	39 (18)