

### 3 KNUCKLE HALF SURFACE HINGES

## Standard Weight Concealed Bearing *LifeSpan*<sup>®</sup>

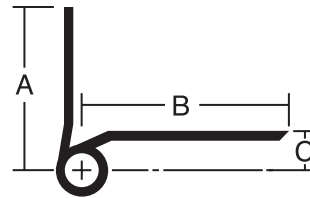
**CB1910R** – (ANSI A8412) Steel – polished and plated or phosphated and prime coated for painting

**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 LifeSpan<sup>®</sup> 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
- LifeSpan<sup>®</sup> 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 Machine Screws/Per Piece		Quantity Per Box	Quantity Per Case	Case Weight	
	Frame Leaf (A)	Door Leaf (B)			Frame Leaf	Door Leaf			Bronze Lbs. (Kg)	Steel Lbs. (Kg)
4 (102)	1 13/16 (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)