



# Frequently Asked Questions

## CB Series Hinge Tip Options



**Q: What are BEST CB Series hinges?**

**A:** CB hinges are concealed bearing hinges that have vertical and lateral wear performance that exceeds ANSI/BHMA Grade 1 standards. The LifeStan patented bearing system is a revolutionary concept in bearing construction and materials developed by BEST Security. It eliminates metal-to-metal contact between knuckles by creating its own bearing surface between the washer and sleeve. As the stainless steel washer extends into the sleeve it eliminates metal-to-metal contact between the pin and barrel, resulting in a smooth, quiet operation superior to that of a ball bearing assembly. In addition, the concealed bearings allow for fewer horizontal barrel lines which provide for an aesthetically pleasing appearance.

**Q: What hinge types are the CB Series offered in?**

**A:** CB hinges are available in full mortise, half mortise, full surface and half surface. In addition, heavy weight and standard weight versions are available.

**Q: What differentiates the CB heavy weight hinges from the CB standard weight hinges?**

**A:** CB heavy weight hinges are manufactured using a thicker gauge metal than that of the standard weight hinges.

**Q: What knuckle designs are CB hinges offered in?**

**A:** CB hinges are available in 3 knuckle and 5 knuckle designs.

**Q: What is the common CB hinge application?**

**A:** The CB Series consists of standard commercial grade door hinges. This makes them an ideal fit for wood and metal doors, medium to heavy weight doors and medium to high frequency usage applications. In addition, ferrous and non-ferrous hinges are available. Ferrous hinges are a good fit for interior applications whereas non-ferrous hinges are ideal for exterior or corrosive environments.

**Q: What hinge tips are offered for the CB Series?**

**A:** CB hinges can be ordered with decorative tips (i.e., ball, crown, steeple) or specialty tips (i.e., hospital, institutional). CB 3 knuckle hinges come standard with flush tips but an exposed tip option is also available.

**Q: What hinge options are available for the CB Series?**

**A:** Many made-to-order hinge options are available including: NRP (Non-Removable Pins), security stud, sheer-resistant stud, special swage, raised barrel, radius corner, concealed electric, concealed switch, wide throw, slip-in applications, pivot-reinforced, rust-resistant base and swing clear designs.

**Q: Are there electrical options available to order on CB hinges?**

**A:** CB hinges are offered in 4-wire, 6-wire and 8-wire as stock options. 10-wire and extra long wire are available as made-to-order options.

**Q: How many hinges are required per door installation?**

**A:** For both standard and fire-rated doors, two hinges are required on doors up to 5' and an additional hinge is required for each additional 2.5'.

**Q: What screws are included with CB hinge orders?**

**A:** Both machine and wood screws are included in CB hinge orders to allow for easy installation on either wood or metal doors and door frames.

**Q: Do you have to specify handing when ordering CB hinges?**

**A:** CB hinges are non-handed, so they can be used on both RH and LH doors. Reversible flush tips and pins allow for non-handing on the 3 knuckle design.

**Q: What finishes are offered for CB hinges?**

**A:** CB hinges are available in 30+ finishes allowing for cohesion with other door hardware finishes.

**Q: What is the lead time for CB hinges?**

**A:** The average lead time for stock CB hinges is 48 hours from order receipt. The average lead time for made-to-order hinges of quantities up to 200 units is approximately 3 weeks. Please consult the factory for made-to-order requests in quantities larger than 200 units for respective lead times.

**Q: What warranty do CB hinges have?**

**A:** CB hinges have a limited lifetime mechanical warranty for the life of the building. They have a 1 year electrical warranty for concealed electric or concealed switch options.

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For questions about ordering and to be sure you get the right configuration for your needs, [contact your BEST dormakaba sales representative](#).  
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