



FAQ – BOLT STAR®

Q: How many reuses will I get from the product?

A: Like any construction tool, the answer depends on how well you take care of it. Some contractors wash it down after every pour and others coat it with a non-stick spray before the pour. The highest number of reuses reported is six, and the contractor stated it was a very durable tool that was still going strong!

Q: Is BOLT STAR strong enough for the rigors of concrete construction given that it's made of ABS plastic?

A: Yes. Some contractors perceive steel or wood to be stronger than BOLT STAR's high strength ABS. This is a misperception. In product testing, the manufacturer hung 1,000-lbs. off the rebar cage that is wired to the end of BOLT STAR's arms. This is so much weight that the rim of the round concrete tube collapsed when 800-lbs. was reached, not BOLT STAR! The tool also was driven over by a 6,000-lb SUV and it popped right back up without damage. Check out the videos at: www.bolt-star.com

Q: Can I fit two 2" conduits through the center opening?

A: The center opening is 4 1/8" inside diameter and each 2" conduit is approximately 2 3/8" in diameter. So two 2" conduits will not fit through the opening, but there is a suggested work around. Given that there is 1 3/4" from top of form to bottom of the BOLT STAR template, it's possible to cut the conduits about 1/2" below the bottom of the BOLT STAR template and tape the conduit openings. Conduits should still project at least 1" above the top of finished base.

Q: Are the arms adjustable?

A: No, the arms are not adjustable and the product is currently available in the most common 18" and 24" sizes. Product engineers ruled out adjustability in the early design stages due to the requirement to build in maximum strength and durability for the beating bolt templates take during concrete pours. Contractors need to determine how many of each size they need for the jobs ahead and order accordingly.

Q: It seems expensive compared to making the bolt templates out of wood?

A: Actually, the tool pays for itself on the very first pole base setup and pour. The amount of labor and materials expended in building a wood template for each pole base can vary from \$50 to \$100 or more depending on labor rates. BOLT STAR cuts the labor portion in half, and no materials are required to build bolt templates on subsequent pours. The reusability aspect of BOLT STAR means this tool keeps giving back with each and every pole base after the first use. Factor in the lower risk of bolts shifting, consistent quality and additional time savings from being able to get in immediately after the pour to finish the top of the base (without pulling the template) and BOLT STAR's value proposition far outweighs the conventional method.

Q: Will BOLT STAR fit on the outer diameter of nested round concrete forms?

A: Round concrete tube manufacturers in some regions ship a larger diameter tube that fits over the standard size to save on freight costs. For example, a tube up to 25" or more in diameter will be slipped over a standard size 24" tube. BOLT STAR fits the standard 24" or 18" round concrete forms only. An Adapter is under development that will attach to each of BOLT STAR's arms so that the tool can be used with the larger diameter nested tube. The Adapter will be available as an accessory to BOLT STAR as early as summer 2014. See the Product Guide Specifications sheet for further information.

Q: Why does BOLT STAR come packaged in a 5-pack?

A: Most contractors will need at least ten BOLT STAR tools on hand. The reason is contractors will typically pour 8 to 10 pole bases a day – the amount of concrete that is delivered in a 10-yard ready-mix cement truck.

Q: What assembly is required?

A: Very minor. Assembly involves inserting a bolt through each of BOLT STAR's four arms and attaching a nut on the other end. Assembly instructions come with every BOLT STAR.

Q: What type of warranty comes with the product?

A: 90-day warranty from date of purchase on defects only that are not due to ordinary wear and tear.

Q: Does Construction Innovations make a 30" or 36" BOLT STAR?

A: The 30" and 36" BOLT STAR is in the design stage. No official release date yet.

Q: Where is BOLT STAR made?

A: In the USA! BOLT STAR is manufactured in Milwaukee, Wisconsin, and then parts are shipped to Sacramento, California for kitting, packaging and shipping.

Q: What is the BOLT STAR story?

A: BOLT STAR is the first new product of Sacramento-based Construction Innovations. The inventors are electricians and engineers who refined the idea for this innovative product over a ten-year period, all the time knowing that “there had to be a better way.” The product underwent an intensive two year period of development and testing through a collaborative effort with Rex Moore Electrical Contractors & Engineers, a Top 50 electrical contractor in the U.S.

Q: Who is the manufacturer of BOLT STAR?

A: Construction Innovations, LLC in Sacramento, California.

- Founded in 2012 by former construction company owners and industry professionals
- Dedicated to improving the construction industry through the creation of innovative products, tools, methods and services
- Construction Innovations has four distinct lines of product and services:
 - construction tools;
 - manufacturing and kitting services for electrical and low voltage systems;
 - construction modeling and layout services; and
 - consulting services in Lean manufacturing processes for construction companies.
- Websites: www.ConstructionInnovations.com
www.bolt-star.com
- Contact: 855-725-9555