

Bar Booster™



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Bar Boosters™ are designed to support a reinforcing steel cage within a drilled shaft with a 3" concrete cover requirement. Faulty placement of the cage may cause foundation failure, which often leads to issues of contingent liability. Because the rebar cage cannot be inspected or tested after the concrete is placed in the drilled shaft, the cage must be properly supported at the outset.

Bar Boosters™ are made of ultra strong, noncorrosive polypropylene and attach to rebar of any size. Each Bar Booster™ has a capacity of 1,500 lbs. The zip tie used for attachment is made of 170 lb. tensile strength resin. Installation is accomplished in seconds by simply positioning the Bar Booster™ on the end of a vertical bar of the cage and pulling the zip tie taut.

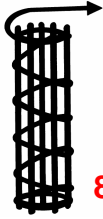
Bar Boosters™ are also great for supporting reinforcing steel over waterproofing, in mat foundations and providing vertical support of slurry wall mats.

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The table below illustrates the recommended number of Bar Booster™ pier bolsters to be used on a per shaft basis. The actual number can vary subject to the number of vertical bars of the reinforcing steel cage and the weight of the cage. The structural engineer is the governing authority. When in doubt, please check with the structural engineer.

Recommended Bar Boosters™ per Reinforcing Cage				
<i>Per Shaft Diameter in Inches</i>				
Under 30"	31" to 48"	49" to 72"	73" to 96"	97" to 120"
5	8	10	12	14