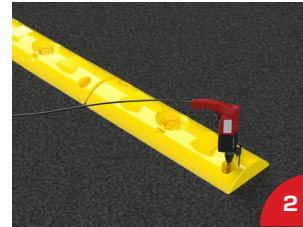
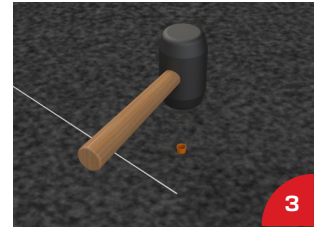


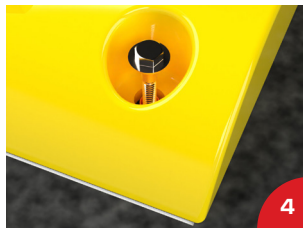
1 Draw a string line tight, 6" off the centerline of the curb. Snap a string line as a guide to lay the curb sections in place. Follow with the second, third, fourth, etc., with the desired spacing between curb sections.



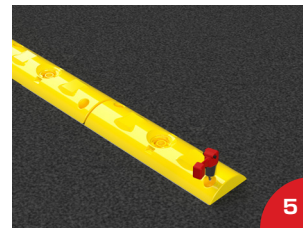
2 Drill one 3/4" hole 5" deep using one of the two side holes in the 40" curb section as the template.



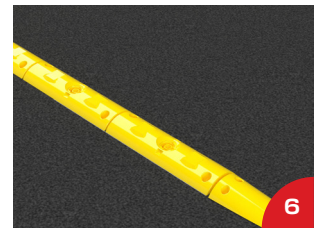
3 Clean out the hole after drilling. Use the lag screw provided with the special sleeve as an anchor to keep the curb section in position while drilling the second hole. Clean out the second hole and install the sleeve.



4 Place the large washer on the lag screw and start the screw in the sleeve by threading it in approximately 1/2". Pound the screw and sleeve through the hole in the curb section and into the previously drilled pavement holes. Make sure anchor is pounded all the way to the bottom of the hole prior to tightening lag bolt.



5 Use impact wrench with 15/16" socket to tighten the screws snug into the base. Continue installing each curb section as described and in accordance with engineering plans.



6 Tapered nose end sections are universal and can be installed on either end of curb system. Each tapered end has 3 holes. Anchor same as curb.

Materials

Tuff Curb
Lag Screws
Washer
Pin and/or set screw
20mm Anchor Sleeves

Tools Required

Variable Speed Rotary Hammer 1" bit capacity*
Impact Wrench 1/2" drive*
3/4"/20mm Carbide Tipped drill bit for rotary hammer (minimum length 10"/250mm)
15/16"/24mm Socket (6 point)
Hammer
Broom
Heavy Duty Extension Cord

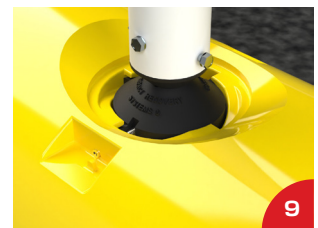
*Air or electric source needed



7 Insert the post into the quarter turn socket. Start with the sign facing 90° counter-clock wise to desired final position. Push down and rotate the post clockwise until fully seated in the socket.



8 For standard model base, use a small hammer to install L-shaped keeper pin(s) through the base and into post holes. Lay pin flat such that it lies flat in the retention sockets on the sides of the curb.



9 If using a tamper proof base, install 1/4" x 1-1/4" stainless steel setscrew through curb into one post hole. Setscrew should completely cover post thread end and prevent counterclockwise rotation under impact.

Notes

- Review detailed traffic engineering plan regarding length, angle, spacing, location, and all related placement issues.
- Factory spacing recommendation is no less than 1/2" apart. Spacing should be no more than 1" for visual considerations, however, if drainage or other considerations warrant more, gap is acceptable.
- The Tuff Curb installations should begin and end with an end section.
- All curbing sections should have an upright installed.
- It is the responsibility of the installer to determine the suitability of the substrate for proper anchorage.
- Substrate shall be properly installed, in good repair, and generally crack free.
- Consult with owner's engineer as needed

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The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.