



Attachment Instructions

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain information for future reference.

Diamond Tap Cutter

DESCRIPTION

The Diamond Tap Cutter is an attachment for the Turbo Flexible. Its applications range from PVC and clay to ductile iron & concrete. Attaching the Diamond Tap cutter is as easy as following the few simple steps below.

GENERAL SAFETY INSTRUCTIONS

WARNING!

1. For your own safety, read all of the instructions and precautions before operating tool.
2. The service staff must be trained in the proper operation of the tool.
3. Wear proper apparel. Do not wear loose clothing, rings, bracelets, or other jewelry that may get caught in moving parts of the tool.
4. Wear safety shoes with non-slip soles.
5. Wear safety glasses complying with United States ANSI Z87.1. Everyday glasses are **NOT** safety glasses.
6. Be alert and think clearly. Never operate tools when tired, intoxicated or when taking medications that cause drowsiness.
7. To prevent damage to the Turbo chain cutter, guide skid, HP-swivel, etc., shut off the water at approximately 5 ft. from the manhole. Pull the chain cutter back to the manhole by hand, allowing the wheels on the cutter to smoothly move it out of the sewer line. In order to prevent damage to the HP-swivel joint, **DO NOT** pull up on the hose until the Turbo chain cutter is completely out of the sewer line.



Attaching the Diamond Tap Cutter

1. To begin installation of the Diamond Tap Cutter the user must remove the cutting head on the Turbo flexible.
2. A dual chain retainer¹ is removed by loosening the two set screws at the base of the chain retainer. Next, insert the included punch into the hole at the base of the chain retainer. Lastly, firmly hold the turbine while turning the punch counterclockwise and unscrew the dual chain retainer.
3. Except the turbine remove all pieces on the shaft. The root cutter is now ready for the Diamond Tap Cutter.
4. Slide the Turbo Flexible shaft through the predetermined hole in the bottom of Diamond Tap Cutter so that it is flush against the turbine.
5. Now take the cap which was included and screw it on to the shaft inside the Diamond Tap Cutter. Tighten this cap with the appropriate socket (appx. 17mm).
6. Next tighten each set screw on the cap with a drop of **Loctite® Blue Thread Locker**.
7. After completion of the previous steps, adjust the flexible skid with one skid on a flat surface to the proper size. The bottom of the Diamond Tap Cutter should have appx. 1/8" from the flat surface.

¹A cross cutter head is removed by loosening all the set screws with an allen wrench turning counterclockwise. Insert one punch into the appropriate hole in the cutter head and another into the hole in the chain retainer. Firmly hold the punch in the chain retainer and slowly turn counterclockwise the punch in the cutter head to unscrew the head.