

# HORIZONTAL DIRECTIONAL DRILLING



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## HDD DRILL BITS:

**TRT** offers a complete line of HDD pilot bits ranging from 3 $\frac{7}{8}$ " to 17 $\frac{1}{2}$ " in diameters. The pilot bits are specially designed for tough drilling conditions. Our pilot bits consist of milled tooth products for soft to medium rock and TCI products for medium to hard formations

## Overview of PDC Hole Opener:

PDC Hole opener is designed for the enlargement of pilot holes and large hole applications. They are also used for road and river crossing applications.

The hole opener is made of AISI 4145H fully heat-treated alloy steel. All products have carbide grinding teeth and inserting tools. Body and cutters are hard-faced in three different designs with different conditions and rock formations. We also can design of the PDC hole opener blade allows replaced in the field.

We offer innovative drilling technology to mitigate drill string vibration during reaming. TRT hole opener solution can help you solve your challenges, whether you use a rotary steerable drill combination, a rotary motor drill combination, or a traditional rotary drilling system. Our reaming tools operate at high efficiency, increase equivalent cycle density (ECD), reduce the risk of fractured formations, reduce torque and drag, and overcome drilling challenges.

## Advantage of PDC Hole Opener:

The body is machined out of a single block of heat-treated AISI 4145H alloy steel.

Compared to the roller hole opener, the PDC hole opener performs better during the drilling process. The post-maintenance process is much simpler, just replace the PDC cutter, which can reduce the production cost later.

Depending on the formation and the customer's special requirements, different sizes of PDC hole openers can be produced.