

# KEYHOLE TECHNOLOGY



**TELLUS**

UNDERGROUND TECHNOLOGY, INC.

CORING



## KEYHOLE TECHNOLOGY

Cored excavations have become a primary component of "keyhole technology".

When compared to conventional methods of accessing underground gas distribution infrastructure the cost has been reduced by as much as 50% by making an 18 inch diameter core cut rather than a conventional 3' by 5' or 4' by 8' utility cut.

The majority of the savings arises from the elimination of a need for expensive pavement restoration work associated with conventional excavations.

## Diamond Core Bits for Gas LDC's

Specifically designed and manufactured for cutting 12", 18" and 24" diameter openings in asphalt and cured concrete streets to provide keyhole access to gas distribution infrastructure. These professional grade drums are available in three application specific types of diamond compounds to best suit the pavement to be cut.



**Type 1:** These segments are specially formulated to perform best when cutting solid asphalt streets or streets that contain a thin layer of concrete below pavement that is mostly asphalt. This compound also works well when cutting replacement cores from "core farms".



**Type 2:** This is a compound that is designed to cut solid concrete or those streets that are made up of thick concrete with a thin layer of asphalt on the surface.



**Type 3:** Our most popular compound which is considered to be the best all-around segment type. It will deliver long life and fast penetration speeds in a variety of pavement makeup combinations.

Long Life and Fast Cutting Speeds are not only a function of the type of segment but also the total quantity of segments. High quality drums will always contain more diamond segments than the low cost brand.

### Re-segmenting of Used Coring Drums

**Reduce Costs and Improve Delivery:** All coring drums can be re-segmented provided that the customer's shell is not damaged or out of concentricity. All re-segmented drums will perform as well as any new drum.

This is an important advantage because it will lower operating costs by reducing core bit cost by 20% to 30% and can be returned to service in 1 to 2 weeks.

TOOLS by

# TELLUS

UNDERGROUND TECHNOLOGY, INC.

**Simplifying Gas Utility Technology**

200 Hester Street

570-234-0325 phone

Portland, PA 18351

570-245-0026 fax

[www.tellusunderground.com](http://www.tellusunderground.com)