

# HDD TRICONE - 5.5" IADC637

We supply Terelion Target bits that are specially designed to deliver the best performance in an HDD setting.

Whether you are working with a mud motor or with an all terrain style rig these bits give you the best performance while reducing wear in an HDD setting. They have taken oilfield technology and enhanced the design to suit the extra wear issues faced in an HDD setting.

The Terelion Target bit has patented shirttail protection, tungsten plates embedded in the leading edge of the shirttail. This is a far higher quality level of protection when compared to standard hardfacing. Secondly there is an enormous spread of TCI buttons on the remaining shirttail.



General	
Bit Size	5½ inches (139.7mm)
IADC	637
Pin Connection	2 7/8 API Reg
Product Specifications	
Gage Inserts	50
Total Inserts	135
Back Row	Flat
Gage Row	SRT
Inner Row	Cronical
Bearing Type	Sealed Journal
Seal Type	HSN O-Ring
Hydraulic Design	3 Nozzles with Snap Rings
Approx Weight	25lbs (11.4kg)
Typical HDD Operating Parameters*	
Rotary Speed	150 - 250 RPM
Flowrate Min-Max	15 - 35 gpm
Max Weight on Bit	30,250lbs (13,456 daN)
Make-up Torque	800 - 1200 ft-lbs (1084 - 1627 Nm)
MPA Range	180-320"
*Operating parameters shown are typical for the bit type specified for 30,000lb machines.	

**UT** - Terelion's Target® series bits are available in both open bearing and sealed bearing configurations. All Target bits are equipped with patented High Energy Tumbled (HET™) inserts and patented EdgeGuard® shirttail protection, which directly addresses the critical wear area in HDD applications, significantly increasing bit life and driving down the cost of HDD projects.

**Tungsten Carbide Leading Edge** - Inserts are placed along the leading edge of the shirttail providing additional wear resistance in abrasive applications.

**EdgeGuard®** - Terelion's patented EdgeGuard® tungsten carbide microshields are placed along the leading and lower edges of the shirttail to significantly reduce leg wear and provide maximum downhole protection.

**Premium Bearing Package:** High performance journal bearing with silver plated elements, advanced lubricant, and HSN O-ring seal provides a robust bearing package for both motor and standard rotary applications.



For recommendations on your specific application, contact your Blick representative.

For more information, talk to us today

**AUSTRALIA**  
03 9068 5688

**NEW ZEALAND**  
07 849 2366

sales@blick.group  
www.blick.group

