



Terra-Barb Data Sheet

The *DD Grout Plugs Terra-Barb* is a simple mechanical plug for rifling protection in underground diamond drill holes. The ramped rubber rings are a one way brake, allowing the plug to go forward but not to reverse back. Two work together on each ramp as a simple spring loaded arrangement to provide a small forward resistance, to enable grouting behind the plug in addition to the substantial rifling resistance provided from in front of the plug.

The *Terra-Barb* can be used on its own for rifling protection, or with a grout column. The plug works immediately on installation. The *Terra-Barb* will not corrode, and can be drilled through for hole extensions. The base of the plug is tapered to fit into a drill bit, allowing it to be easily and remotely pushed in to the collar with the diamond drill rig.

IMPORTANT: The *Terra-Barb* is made for use with standard size drill bits and reamers. Please contact us if oversize (OS) reamers are used.

<i>Terra-Barb</i> specifications and plug ratings	Hole Size			
	AQ/LTK48	BQ/LTK60	NQ/NQ2	HQ Terra-2
Rifling Protection (load bearing capacity to sliding, in kg)	6000	10000	12000	9000
Water pressure rating at FoS 2:1 (Bar, [psi])	14 [200]	14 [200]	14 [200]	N/A
Forward load resistance (nominal, in kg), to support a column of grout	200	200	200	3000

The *Terra-Barb* is pressure rated to 200 psi (14 Bar) with a 2:1 Factor of Safety for water control, however water pressure applications we recommend the *Hydra-Barb* or the *Grouter* series of high pressure water control and grouting plugs.

sales@ddgroutplugs.com



© 2023, Patent Numbers and Application Numbers:

Australia (granted) 2014376126
 USA (granted) 10,577,886
 Philippines (granted) 1-2016-501372
 Eurasia (Russia, Kazakhstan) (granted) 035669
 ARIPO (Tanzania, Ghana, Zambia) AP/P/2016/009330

New Zealand (granted)
 Canada (granted) 2,935,386
 Indonesia P-00201605136
 Europe 14877624.8

South Africa 2016/04598
 Chile (granted) 62.699
 Argentina P15 01 00037
 Mexico (granted) 372758