



Hydra-Barb Data Sheet

The DD Grout Plugs **Hydra-Barb** is a simple mechanical plug for immediately blocking high pressure water flow in diamond drill holes. Installation is quick and easy, and the plug provides unprecedented resistance to rifling and high pressure water.

The **Hydra-Barb** is temperature rated to 100 degrees C, and pressure rated to 1000 psi (69 Bar) with a 2:1 Factor of Safety. The following load ratings apply in the reverse direction;

Hydra-Barb Specifications	Magnitude	+/-
AQ/LTK48/WL56 anchor strength (tonnes)	12	1
BQ/LTK60 anchor strength (tonnes)	15	1
NQ/NQ2 anchor strength (tonnes)	15	1
HQ anchor strength (tonnes)	18	1

The **Hydra-Barb** is suited to underground hard rock formations drilled with a diamond matrix drill bit. It will not corrode, and for hole extensions can be drilled through with a carbide bit. The base of the plug is tapered to nestle into a drill bit, allowing it to be remotely pushed in to the collar with the diamond drill rig.

The **Hydra-Barb** can be installed into any amount of flow. The chamfered point provides flow channels to direct the spray in high flow situations and to centre the plug for installation. On entering the collar, the plug pistons water back as it is pushed in.

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

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