



Hydra-Barb development jumbo installation

The **Hydra-Barb** is now modified for jumbo installation using either a 46mm Split Set™ dolly or the Sandvik Alpha 330 drill rod thread.

The issue:

Some underground mines are developing below open pits in high rainfall areas. These pits are often full or half full of water. When surface diamond drill holes are intersected by development headings, there is a risk of overloading pumps and flooding the mine. The additional capability of pushing or hammering the plug in by operations personnel with a development jumbo provides an option to immediately block the water flow and significantly reduce the risk of flooding.

The remedy:

The plug now includes a multi-fit recess at the rear. This fits onto a Split Set™ Mining Systems 46mm split set dolly, or directly onto the Sandvik Alpha 330 drill rod. This does not affect diamond drill installation using the taper at the rear of the plug, nor does it affect the performance of the plug.

Identification:

The modified plug is easy to identify, with the multi-fit hole appearing at the rear of the plug.

This is now standard for our NQ and HQ **Hydra-Barb** plugs, providing an additional installation option suitable for emergency use when intersecting wet holes in development headings. This feature is also available on our Grouter grout through plug in NQ and HQ.

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© 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