



Internal flushing shank adapters use a water tube inside the rock drill. The tube fits into the end of the shank adapter and is sealed with an O-ring. This allows the water to transfer from the rock drill to shank adapter, which in turn allows it to flow through the rest of the drill string.



Shank adapters with external flushing can be identified by machined slots in the center of the adapter. The slots are positioned between seals inside the flushing housing / head of the rock drill.

HIGH PRECISION ROCK DRILLING FOR RELIABLE PERFORMANCE AND LOWER COSTS

While every component in the drill string is crucial, the shank adapter must be engineered to transmit impact energy from the rock-drill piston, as well as rotation torque, into the drill string with no losses. It must withstand and transmit up to 6300 blows per minute from the piston continually and do it with great endurance and dependability. With this in mind, Sandvik manufactures premium quality shank adapters for most brands of rock drills.

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Hydraulic shanks generally have at least a 5 to 14-spline configuration. Pneumatic shanks tend to have internal or through-flushing. They can be identified by their lugs or 4-spline configuration.