

Rods

There are two types: round and hexagon rods. Hexagon rods are more rigid, heavier and transfer energy more efficiently, while increasing flushing.

Round rods are generally lighter than hexagonal rods and are normally used in extension drilling applications.



DRILL TOOL SELECTION GUIDES				
Hole Diameter	Drive End Thread	Matching Rod Section	Bit rosca bit	Typical Bit Face Design
(1-15/16" - 1-3/8")	R32	Hex 25	R23 / R25	B/F 5/2
(1-3/8" - 1-3/4")	R32	Hex 28	R28	B/F 5/2
(1-3/8" - 1-3/4")	R32 R38	Hex 32 Hex 32	R32	B/F 5/2 B/F 6/3
(1-3/4" - 2.0")	R32 / R38 R38	Hex 32 / 35 Rd 33	R32 / R35	B/F 5/2 B/F 6/3
(2.0" - 2-1/2")	R38 HM38	Hex 32 / 35 Rd 39	R32 / R35	B/F 6/3 B/F 5/2
(2-1/2" - 3.0")	HM38 HM45	Hex 32 / 35 Rd 39 / 46	HM38 HM45	B/F 6/3 - B/R 6/4 B/F 7/5 - B/R 6/4
(3.0" - 3-1/2")	HM45 HM51	Rd 46 Rd 52	HM45 HM51	B/F - BR 9/8 B/F - B/R 9/9
(3-1/2" - 5.0")	HM45 HM51	Rd 46 Rd 52	HM45 HM51	B/F - BR 9/8 B/F - B/R 9/9
(4-1/2" - 5-1/2")	BE58 / EL60	Rd 60	BE58 / EL60	B/F - B/R
(4-1/2" - 6.0")	BE68T / EL68	Rd 70	BE68T / EL68	B/F - B/R 9/9

Lightning Rod™ Serie





In response to industry demands, the Lightning Rod™ Series provides a quick-change male/female rod designed for high-durability and air flushing, ideal for the surface rock drill and blast market. The result is higher productivity and improved efficiency. The Lightning Rod Series utilizes high-strength steel coupled with high-wear resistant ends.

The male and female end forms are fully treated to provide market-leading wear resistance during both the drilling process as well as coupling and uncoupling.

[Lightning catalogue PDF](#)

RST™ Serie



The Robust Standard Thread (RST™) Series rock drill and blast rods and bits offers industry-leading strength and penetration rates. The RST Series incorporates a larger rod cross-sectional transition area as well as an increased bit skirt length. This delivers improved impact efficiency for faster penetration rates, increased rod tip-off resistance, and reduced hole deviation. The RST Series allows for interchangeability with standard rods and bits for improved flexibility in the field, unlike competitive offerings, which utilize unique thread designs.

[RST catalogue PDF](#)

Extension Steel



Characterized by a duplicate thread on each end of the steel.

STANDARD LENGTHS

1.2m 1.8m 2.4m 3.1m 3.7m 6.1m

Tunneling Steel



Drill steel is available in many standard drifting jumbos.

STANDARD STEEL DIAMETERS

Hex 25mm 28mm 32mm 35mm 38mm

Red 29mm 33mm 46mm 52mm 70mm

Male / Female Steel



Avoids use of couplings and usually extend service life.

[HRT catalogue PDF](#)