



Hole Sizes and Drill String

1 ³ / ₈ " to 1 ³ / ₄ "	35mm to 44mm
1 ³ / ₄ " to 2 ¹ / ₈ "	45mm to 54mm
2 ¹ / ₈ " to 2 ¹ / ₂ "	54mm to 64mm
2 ¹ / ₂ " to 6"+	64mm -152mm+
	Drill Shank Size
	Shank Seal Size

Recommended Size

1.0" Rope Thread
1.25" Rope Thread
1.5 Rope Thread
1.75 Rope Thread
1 3/4" x 1 3/4" x Thread
9/16"

Recommended Size

R25 - HM25 – T25
R32 - HM32 – T32
R38 - HM38 – T38
R45 - HM45 – T45
44mm x 44mm x Thread
14mm

Drill Statistics

Piston Diameter (Bore)	4.49"	114mm
Piston Stroke	3.39"	86mm
Compressed Air Consumption	495 cf/m @ 100 psi	14 cm/m @ 7 Bar
Flushing Water Required	10 G/m @ 70 psi (Max)	37 L/m @ 5 Bar (Max)

Drill Performance Statistics

Blows per minute	1600 @ 73 psi	1600 @ 5 Bar
Rotation Torque	236 ft/lb @ 73 psi	320Nm @ 5 Bar

Hose Sizes

Percussion (Throttle)	1 1/2"	38mm
Rotation Motor	1"	25mm
Air Water Flushing	3/4"	20mm