

>>>> ROCK TOOLS



PRODUCT CATALOGUE

TAPER EQUIPMENT

TAPER BITS

SIZE (mm)	Face Profile	Taper	Buttons Quantity	Flushing
32	Flat	11 °	2*7	1F/1G
34	Flat	11°	2*7	1F/1G
36	Flat	11 °	2*7	1F/1G
36	Flat	11 °	2*7	2F/1G
38	Flat	11 °	2*7	2F/1G
40/41	Flat	11	2*8	2F/1G



DIRECTIONAL BITS

SIZE (mm)	Face Profile	Taper	Chisel Insert	Flushing
38	Chisel	11 °	38mm x 10	1G
40/41	Chisel	11°	41mm x 10	1G



TAPER EQUIPMENT

TAPER STEELS





22MM HEX 11 ° FORGED COLLAR					
Length	108 Shank	159 Shank	Caburized Steel		
0.6		X			
1.0	X	X	X		
1.3	X	X	X		
1.5	X	X	X		
1.8	X	X	X		
2.1	X	X	X		
2.3	X	X	X		
3.0	X	X	X		
3.3	X	X	X		

22MM HEX 11 ° RUBBER COLLAR					
Length	108 Shank	159 Shank	Caburized Steel		
0.6					
1.0		X			
1.3		X			
1.5		X			
1.8		X			
2.1		X			
2.3		X			
3.0		X			
3.3		X			

THREADED BITS



SIZE (mm)	Face Profile	ButtonPPr ofile	Buttons Quantity	Flushing
45	Flat	Parabolic	2*8	3F / 2G
45	Flat	Hemi	3*9	3F / 2G
48	Flat	Parabolic	3*9	3F / 2G
51	Flat	Hemi	3*9	3F / 2G
54	Flat	Hemi	3*9	3F / 2G
57	Flat	Hemi	3*9	3F / 2G
64	Flat	Ballistic	3*11	2F
76	Flat	Hemi	4*10	2F
51	Cross	n/a	n/a	n/a
54	Cross	n/a	n/a	n/a
57	Cross	n/a	n/a	n/a

R32 THREADED BITS

SIZE (mm)	Face Profile	R25 Thread	R28 Thread	Buttons Quantity R25	Buttons Quantity R28
33	Flat			2*7	2*7
35	Flat	X		2*7	2*8
38	Flat	X	X	2*8	2*8
41	Flat	X	X	3*9	2*9
43	Flat	X	X	3*9	2*7
45	Flat	X	X	3*9	2*8
41	Cross		X	n/a	n/a

REAMER

BITS

Applications

- Large diameter service holes from level to level for drainage, electrical cable or pipe lines.
 - Reaming cut holes for development rounds and for long hole blasting of drop raises



Size (Mm)	Gauge Buttons	Top Buttons	Flushing
54MM	11*12 Dome	1*12 Dome	1F
64MM	11*12 Dome	1*12 Dome	1F
76MM	12*12 Dome	1*12 Dome	2F
102MM	12*16 Dome		2F



Extension &

Tunneling Rods





ROD FEATURES

- Cross-section profile round or hexagon.
- Heat treatment can be applied to the rod to increase performance and durability.
- Rod ends collared and tapered, or threaded male and female.
 - Length driven by application requirements

ROD ENDS & THREAD TYPES

Male/Female Rods	 More efficient drilling with the elimination of a separate coupling Used primarily for long-hole applications.
Male/Male Rods	 Traditional rod used with a coupling. Used for single pass, tunneling/drifting/ bolting, and long hole applications.
R Thread (Rope)	 Sizes: 25mm - 32mm Ideal for single pass or short hole drilling such as underground tunneling applications that require infrequent uncoupling.
HM (T) Thread	 Sizes: 35mm - 60mm Ideal for extension drilling with multiple steel. Greater torque capacity.

Extension & Tunneling Rods

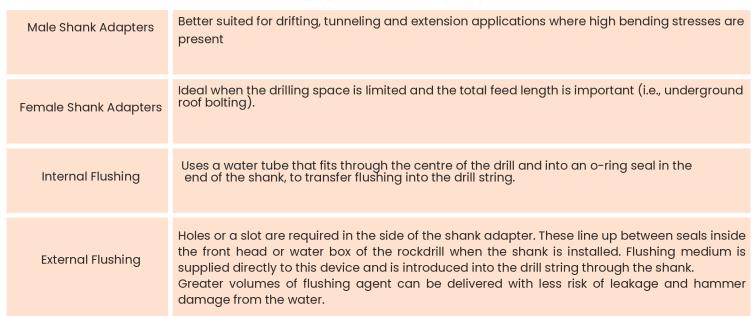
ROD ENDS & THREAD TYPES

Length Shank Thread Bit Thread Cross Section Profile Rod Type Rod Type 1.0M R32 R25 M/M 22H/25H EXTENSION 1.0M R32 R32 M/M 25H EXTENSION 1.0M R32 R28 M/M 32H EXTENSION 1.0M R32 R28 M/F 32H EXTENSION 1.2M R39 T38 M/F R39 EXTENSION 1.2M R39 T38 M/F R39 EXTENSION 1.2M R39 T38 M/F R39 EXTENSION 3.1M R32 R32 35H TUNNELING 3.1M T38 T38 R39 TUNNELING 3.1M T38 T38 R39 TUNNELING 3.1M 52R T31 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.7M R32 R25 M/M </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
1.0M	Length	Shank Thread	Bit Thread		Rod Type	Rod Type
1.0M	1.0M	R32	R25	M/M	22H/ 25H	EXTENSION
1.0M	1.0M	R32	R32	M/M	25H	EXTENSION
1.2M	1.0M	R32	R28	M/M	25H	EXTENSION
1.2M R39 T38 M/F R39 EXTENSION 1.2M R39 T38 M/F R39 EXTENSION 1.8M R39 T38 M/F R39 EXTENSION 3.1M R32 R32 35H TUNNELING 3.1M T38 T38 R39 TUNNELING 3.1M R32 T38 35H TUNNELING 3.1M 52 R T51 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	1.0M	R32	R32	M/M	32H	EXTENSION
1.2M R39 T38 M/F R39 EXTENSION 1.8M R39 T38 M/F R39 EXTENSION 3.1M R32 R32 35H TUNNELING 3.1M T38 T38 R39 TUNNELING 3.1M R32 T38 35H TUNNELING 3.1M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	1.2M	R32	R28	M/F	32H	EXTENSION
1.8M R39 T38 M/F R39 EXTENSION 3.1M R32 R32 35H TUNNELING 3.1M T38 T38 R39 TUNNELING 3.1M R32 T38 35H TUNNELING 3.1M 52 R T51 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	1.2M	R39	T38	M/F	R39	EXTENSION
3.1M R32 R32 S3H TUNNELING 3.1M T38 T38 R39 TUNNELING 3.1M R32 T38 S1H TUNNELING 3.1M S2 R T51 M/M S2R SURFACE 3.66M S2R T51 M/M S2R SURFACE 3.66M S2R T51 M/F S2R SURFACE 3.7M R32 T38 M/F S3H TUNNELING	1.2M	R32			35H	GUIDE ROD
3.1M T38 T38 R39 TUNNELING 3.1M R32 T38 35H TUNNELING 3.1M 52 R T51 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	1.8M	R39	T38	M/F	R39	EXTENSION
3.1M R32 T38 35H TUNNELING 3.1M 52 R T51 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	3.1M	R32	R32		35H	TUNNELING
3.1M 52 R T51 M/M 52R SURFACE 3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	3.1M	Т38	Т38		R39	TUNNELING
3.66M 52R T51 M/M 52R SURFACE 3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	3.1M	R32	T38		35H	TUNNELING
3.66M 52R T51 M/F 52R SURFACE 3.7M R32 T38 M/F 35H TUNNELING	3.1M	52 R	T51	M/M	52R	SURFACE
3.7M R32 T38 M/F 35H TUNNELING	3.66M	52R	T51	M/M	52R	SURFACE
	3.66M	52R	T51	M/F	52R	SURFACE
3.7M R32 R25 M/M 25H TUNNELING	3.7M	R32	T38	M/F	35H	TUNNELING
	3.7M	R32	R25	M/M	25H	TUNNELING

Couplings &

Adaptors



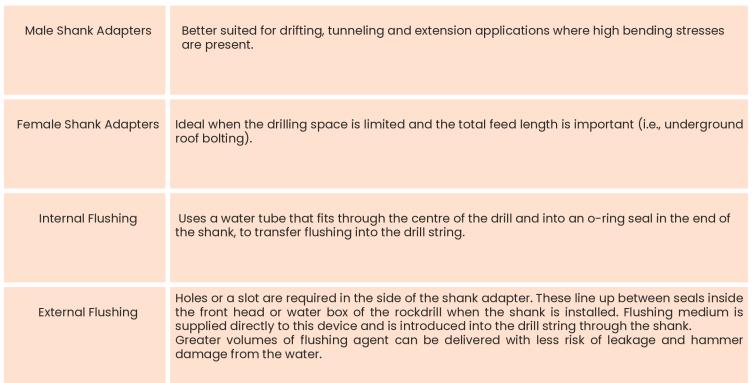


Outer Diameter	Length	A Thread (Female)	B Thread (Female)
35mm	150mm	R25	R25
45mm	155mm	R32	R32
54mm	175mm	Т38	Т38
63mm	210mm	T45	T45
45mm	210mm	R32	R25

Couplings &

Adaptors





Outer Diameter	Length	A Thread (Female)	B Thread (Female)
8MM SEAL SHANK	380	4	R32
11MM SEAL SHANK	380	4	R32
8MM SEAL SHANK	380	4	R32
14MM SEAL SHANK	380	4	Т38



Thank You for exploring our collection

FOR MORE INFORMATION OR TO PLACE AN ORDER, CONTACT OUR SALES TEAM:

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