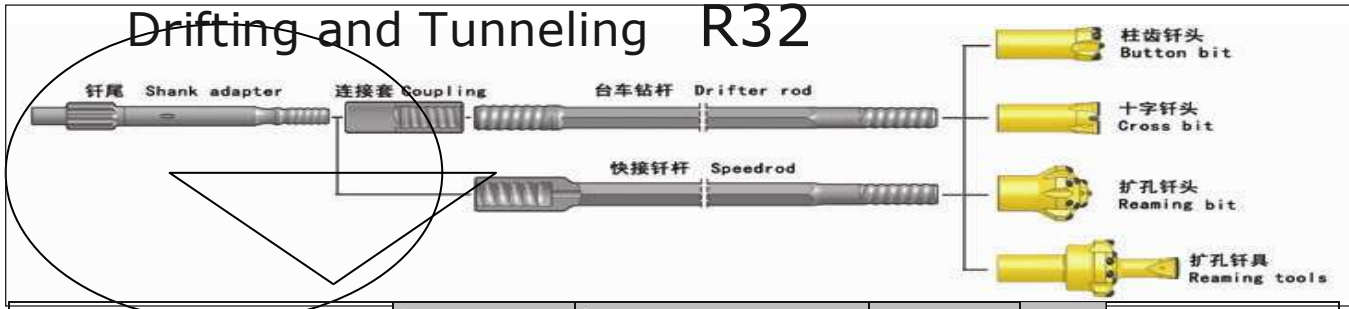
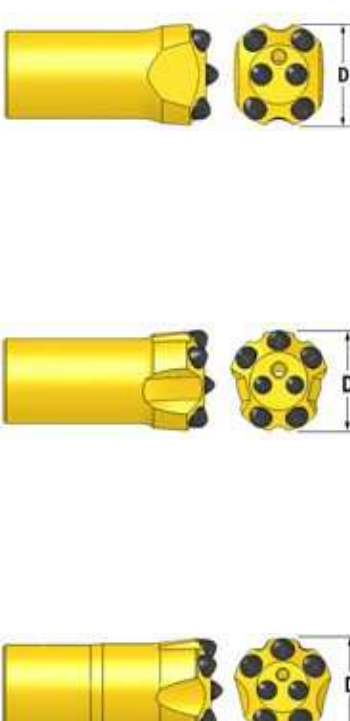
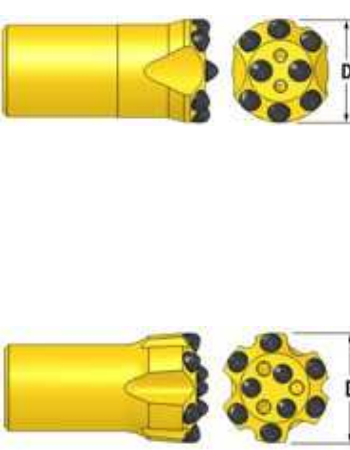

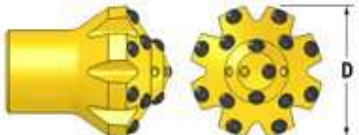
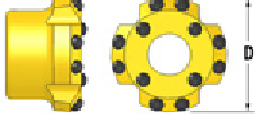





# Drifting and Tunneling R32

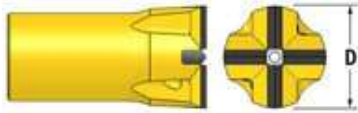
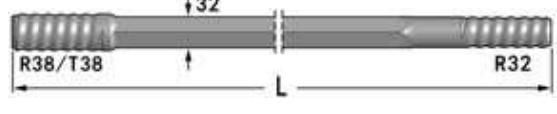
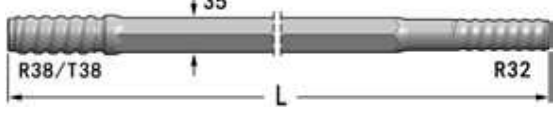
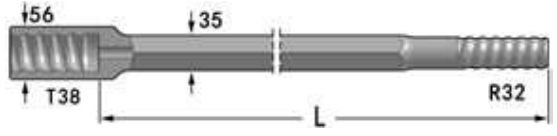



Drill bit	Diameter		Noxbutton diameter			Flushing hole		Weight approx kg
	mm	inch	Front	Gauge	Angle	Front	Side	
Spherical buttons								
Button bit  	41	1 5/8	2×9	4×9	35°	1	1	0.6
	41	1 5/8	2×8	5×9	35°	1	1	0.7
	43	1 11/16	2×9	5×9	35°	1	2	0.7
	43	1 11/16	2×9	5×10	35°	1	1	0.7
	43	1 11/16	2×9	6×9	40°	2	-	0.7
	45	1 3/4	2×9	5×11	30°	1	1	0.8
	45	1 3/4	2×9	6×10	35°	2	-	0.8
	45	1 3/4	3×8	6×10	30°	3	-	0.8
	48	1 7/8	2×9	5×11	35°	1	1	0.9
	48	1 7/8	2×9	6×10	40°	2	-	0.9
	48	1 7/8	3×8	6×10	40°	3	-	0.9
	48	1 7/8	3×9	6×10	30°	3	-	0.9
	51	2	2×10	5×11	35°	1	1	1.0
	51	2	2×10	6×10	40°	2	-	1.0
	51	2	3×9	6×10	35°	3	-	1.0
	57	2 1/4	3×9	6×11	35°	3	-	1.3
	64	2 1/2	3×10,1×10	6×11	35°	3	-	1.6
	64	2 1/2	4×10	8×10	40°	2	-	1.6
	76	3	4×11	8×11	40°	2	-	2.6
	Parabolic buttons							
	41	1 5/8	2×8	5×9	40°	1	1	0.7
	43	1 11/16	2×9	5×9	40°	1	2	0.7
	43	1 11/16	2×9	6×9	40°	2	-	0.7
	43	1 11/16	3×8	6×8	40°	3	1	0.7
	45	1 3/4	2×9	5×11	30°	1	2	0.8
	45	1 3/4	2×9	6×9	40°	2	2	0.8
	45	1 3/4	3×8	6×9	40°	3	1	0.8
	48	1 7/8	2×9	5×11	35°	1	1	0.9
	48	1 7/8	2×9	6×10	40°	2	-	0.9
	48	1 7/8	3×8	6×10	40°	3	-	0.9
	51	2	2×10	6×10	40°	2	-	1.0
	51	2	3×9	6×10	40°	3	1	1.0
	54	2 1/8	3×9	6×10	40°	3	1	1.0
	57	2 1/4	3×9	6×11	35°	3	-	1.3
	64	2 1/2	4×10	8×10	40°	2	-	1.6

# Drifting and Tunneling R32

Drill bit	Diameter		Noxbutton diameter			Flushing hole		Weight approx kg		
	mm	inch	Front	Gauge	Angle	Front	Side			
Retrac button bit 	Spherical buttons									
	45	1 3/4	3×8	6×9	40°	3	-	1.1		
	48	1 7/8	3×9	6×10	30°	3	-	1.2		
	51	2	3×9	6×10	30°	3	-	1.4		
	64	2 1/2	3×10,1×10	6×11	35°	3	-	2.2		
	64	2 1/2	4×10	8×10	40°	2	-	2.2		
	76	3	4×11,1×11	8×11	35°	4	1	3.5		
	Parabolic buttons									
	45	1 3/4	3×8	6×9	40°	3	-	1.1		
	48	1 7/8	3×9	6×10	30°	3	-	1.2		
	51	2	3×9	6×10	30°	3	-	1.4		
	64	2 1/2	3×10,1×10	6×11	35°	3	-	2.2		
	64	2 1/2	4×10	8×10	40°	2	-	2.2		
76	3	4×11,1×11	8×11	35°	4	1	3.5			
Dome bit for reaming 	Spherical buttons									
	76	3	1×13	9×13	35°	3	1	2.0		
	89	3 1/2	1×13	14×13	35°	2	2	2.6		
	102	4	1×13	16×13	35°	2	2	3.2		
	127	5	1×13	18×13	35°	3	1	4.8		
	Parabolic buttons									
	76	3	1×13	9×13	35°	3	1	2.0		
	89	3 1/2	1×13	14×13	35°	2	2	2.6		
	102	4	1×13	16×13	35°	2	2	3.2		
	127	5	1×13	18×13	35°	3	1	4.8		
	Reaming bit 6° 	64	2 1/2	2×10	8×9	35°	-	-	0.8	
		64	2 1/2	4×8	8×9	25°	-	-	0.8	
		76	3	2×11	8×11	35°	-	-	1.2	
76		3	4×10	8×10	30°	-	-	1.2		
89		3 1/2	4×11	8×11	35°	-	-	1.7		
89		3 1/2	4×10	8×10	30°	-	-	1.7		
Pilot adapter 6° 	26	1 1/32	12×8		-	-	-	1.5		
Reaming bit 12° 	89	3	1/2	4×108×12	35°	35°	----	1.8		
	102	4	5 5	4×128×12	35°			2.1		
	127			4×128×12	35°			4.0		
	127			4×138×13				4.0		
Pilot adapter 12° 	40	1 37/64	15×10		-	-	-	2.2		

# Drifting and Tunneling R32

Cross-type bit	41	1 5/8	16×10	-	1	4	0.7	
	43	1 11/16	16×10	-	1	2	0.8	
	45	1 3/4	16×10	-	1	4	0.9	
	48	1 7/8	16×10	-	1	4	0.9	
	51	2	16×10	-	1	4	1.2	
	57	2 1/4	16×10	-	1	4	1.3	
	64	2 1/2	18×13	-	1	4	1.5	
Drill rod			Length		Diameter		Weight approx kg	
			mm	Foot	mm	inch		
Drifter rod, R/T38-Hex32-R32 Flushing hole 9.6mm. 	2400	7'10"	32	1 1/4	15.3			
	3090	10'11/2"	32	1 1/4	19.8			
	3400	11'13/4"	32	1 1/4	21.7			
	4000	13'13/8"	32	1 1/4	25.5			
	4310	14'11/2"	32	1 1/4	27.5			
	4920	16'11/2"	32	1 1/4	31.3			
	5530	18'11/2"	32	1 1/4	35.2			
Drifter rod, R/T38-Hex35-R32 Flushing hole 9.5mm. 	3090	10'11/2"	35	1 3/8	24.0			
	3700	12'11/2"	35	1 3/8	28.7			
	4000	13'13/8"	35	1 3/8	31.1			
	4310	14'11/2"	35	1 3/8	33.4			
	4920	16'11/2"	35	1 3/8	37.8			
	5530	18'11/2"	35	1 3/8	42.9			
	6100	20'	35	1 3/8	47.3			
Speedrod, T38-Hex35-R32 Flushing hole 9.5mm. 	3700	12'11/2"	35	1 3/8	29.0			
	4310	14'11/2"	35	1 3/8	34.1			
	4920	16'11/2"	35	1 3/8	38.8			
	5530	18'11/2"	35	1 3/8	43.6			
	6400	21'	35	1 3/8	50.3			
Coupling			Length		Diameter		Thread	Weight approx kg
			mm	inch	mm	inch		
Coupling sleeves	170	6 3/4	55	2 5/32	R38	1.8		
	190	7 1/2	55	2 5/32	T38	2.0		
Coupling sleeves of different diameter 	150	6 1/8	45	1 3/4	R25-R32	1.1		
	160	6 1/4	45	1 3/4	R25-R32	1.2		
	160	6 1/4	45	1 3/4	R28-R32	1.2		
	160	6 1/4	55	2 5/32	R32-R38	1.8		
	170	6 3/4	55	2 5/32	R32-R38	2.0		
	180	7 1/16	55	2 5/32	R32-R38	2.2		
	210	8 1/4	55	2 5/32	R32-R38	2.8		
	170	6 3/4	56	2 1/8	R32-T38	2.1		
	180	7 1/16	56	2 1/8	R32-T38	2.2		
	210	8 1/4	56	2 1/8	R32-T38	2.8		
	190	7 1/2	63	2 33/64	R32-T45	3.2		