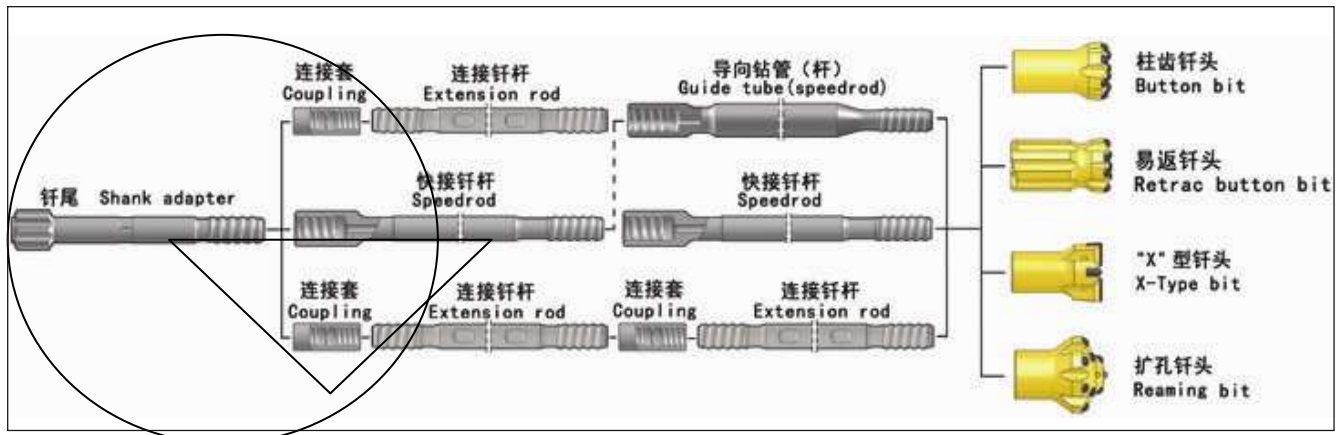
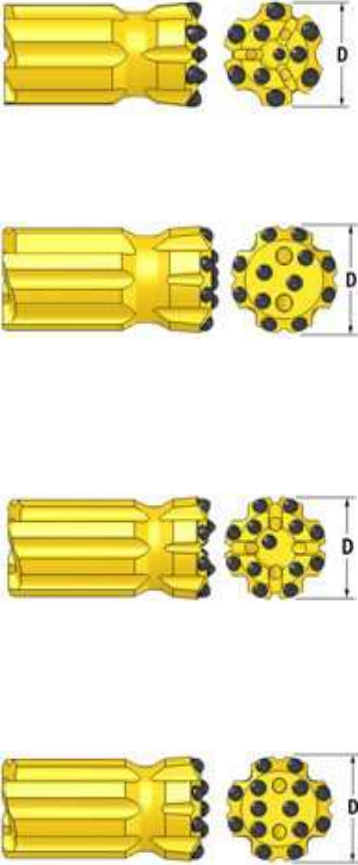

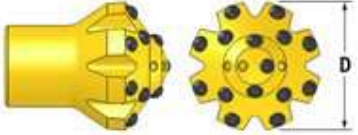


Bench Drilling T38



Drill bit	Diameter		Noxbutton diameter			Flushing hole		Weight approx kg
	mm	inch	Front	Gauge	Angle	Front	Side	
	Spherical buttons							
	64	2 1/2	3×11	6×12	35°	3	-	1.8
	64	2 1/2	4×10	8×10	40°	2	-	1.6
	64	2 1/2	3×10,1×10	6×11	35°	3	-	1.7
	70	2 3/4	4×11	8×11	40°	2	-	1.9
	70	2 3/4	4×10,1×10	8×11	30°	4	-	1.9
	70	2 3/4	3×10,1×10	6×12	35°	3	-	1.8
	76	3	4×11	8×11	40°	2	-	2.4
	76	3	5×11	8×13	35°	2	1	2.4
	76	3	3×11,1×11	6×12	35°	3	1	2.6
	76	3	4×11,1×11	8×12	35°	4	-	2.6
	76	3	4×11,1×11	8×11	40°	4	-	2.6
	89	3 1/2	4×13	8×13	40°	2	-	3.3
	89	3 1/2	5×13	8×13	35°	2	-	3.3
	89	3 1/2	6×11	8×12	35°	2	-	3.3
	89	3 1/2	3×11,2×11	6×13	35°	3	1	3.3
	89	3 1/2	4×11,1×11	8×13	35°	4	-	3.3
	89	3 1/2	4×13,1×13	8×13	35°	4	-	3.3
		Parabolic buttons						
	64	2 1/2	3×11	6×12	35°	3	-	1.8
	64	2 1/2	4×10	8×10	40°	2	-	1.6
	64	2 1/2	3×10,1×10	6×11	35°	3	-	1.7
	70	2 3/4	4×11	8×11	40°	2	-	1.9
	70	2 3/4	3×10,1×10	6×12	35°	3	-	1.8
	76	3	4×11	8×11	40°	2	-	2.4
	76	3	5×11	8×13	35°	2	1	2.4
	76	3	3×11,1×11	6×13	35°	3	1	2.6
	76	3	4×11,1×11	8×12	35°	4	-	2.6
	76	3	4×11,1×11	8×11	40°	4	-	2.6
	89	3 1/2	5×13	8×13	35°	2	-	3.3
	89	3 1/2	6×11	8×12	35°	2	-	3.3
	89	3 1/2	3×11,2×11	6×13	35°	3	1	3.3
	89	3 1/2	4×11,1×11	8×13	35°	4	-	3.3
	89	3 1/2	4×13,1×13	8×13	35°	4	-	3.3

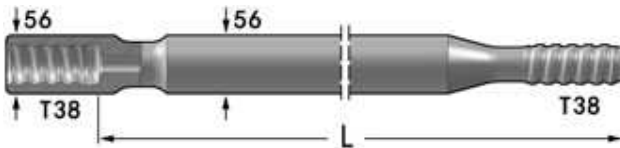
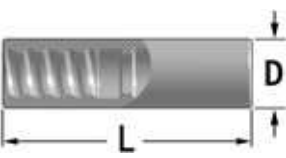
Bench Drilling T38

Drill bit	Diameter		No×button diameter			Flushing hole		Weight approx kg
	mm	inch	Front	Gauge	Angle	Front	Side	
Retrac button bit 	Spherical buttons							
	64	2 1/2	4×10	8×10	30°	2	-	2.2
	64	2 1/2	3×10,1×10	6×11	35°	3	-	2.2
	70	2 3/4	4×11	8×11	40°	2	-	2.4
	70	2 3/4	3×10,1×10	6×13	35°	3	-	2.4
	70	2 3/4	4×10,1×10	8×11	35°	4	-	2.4
	76	3	4×11	8×11	40°	2	-	3.3
	76	3	4×11,1×11	8×11	35°	4	-	3.3
	76	3	4×11,1×11	8×12	35°	4	-	3.3
	89	3 1/2	4×13	8×13	40°	2	-	4.8
	89	3 1/2	5×13	8×13	35°	2	-	4.8
	89	3 1/2	6×11	8×12	35°	2	-	4.8
	89	3 1/2	4×11,1×11	8×13	35°	4	-	4.8
	89	3 1/2	4×13,1×13	8×13	35°	4	-	4.8
	Parabolic buttons							
	64	2 1/2	4×10	8×10	30°	2	-	2.2
	64	2 1/2	3×10,1×10	6×11	35°	3	-	2.2
	70	2 3/4	4×11	8×11	40°	2	-	2.4
	70	2 3/4	3×10,1×10	6×13	35°	3	-	2.4
	70	2 3/4	4×10,1×10	8×11	35°	4	-	2.4
	76	3	4×11	8×11	40°	2	-	3.3
	76	3	4×11,1×11	8×11	35°	4	-	3.3
	76	3	4×11,1×11	8×12	35°	4	-	3.3
	89	3 1/2	4×13	8×13	40°	2	-	4.8
	89	3 1/2	5×13	8×13	35°	2	-	4.8
	89	3 1/2	6×11	8×12	35°	2	-	4.8
	89	3 1/2	4×11,1×11	8×13	35°	4	-	4.8
	89	3 1/2	4×13,1×13	8×13	35°	4	-	4.8
type bit 	64	2 1/2	25×13		-	1	2	1.9
	76	3	25×13		-	1	2	2.5
	89	3 1/2	25×13		-	1	2	2.8
Dome bit for reaming 	Spherical buttons							
	102	4	1×13	16×13	35°	2	2	3.8
	127	5	1×13	18×13	35°	1	3	5.2
	Parabolic buttons							
	102	4	1×13	16×13	35°	2	2	3.8
	127	5	1×13	18×13	35°	1	3	5.2

Bench Drilling T38

Drill rod	Length		Diameter		Weight approx kg
	mm	Foot	mm	inch	
Extension rod T38-Round39-T38 Flushing hole 14.5mm. Wrench flat 32mm.	1220	4'	39	1 1/2	10.2
	1525	5'	39	1 1/2	12.8
	1830	6'	39	1 1/2	15.3
	2435	8'	39	1 1/2	20.4
	3050	10'	39	1 1/2	25.5
	3660	12'	39	1 1/2	30.9
	3965	13'	39	1 1/2	33.2
	4270	14'	39	1 1/2	35.7
	4880	16'	39	1 1/2	41.0
	5530	18'11/2"	39	1 1/2	46.3
	6095	20'	39	1 1/2	50.9
MF-rod T38-Round39-T38 Flushing hole 14.5mm.	915	3'	39	1 1/2	10.7
	1220	4'	39	1 1/2	13.3
	1525	5'	39	1 1/2	15.8
	1830	6'	39	1 1/2	18.3
	3050	10'	39	1 1/2	28.5
	3660	12'	39	1 1/2	33.6
	4270	14'	39	1 1/2	38.7
	4880	16'	39	1 1/2	43.7
	5530	18'11/2"	39	1 1/2	49.2
	6095	20'	39	1 1/2	53.9
	Hex. extension rod T38-Hex32-T38 Flushing hole 9.6mm.	1220	4'	32	1 1/4
1830		6'	32	1 1/4	12.6
2435		8'	32	1 1/4	16.6
3050		10'	32	1 1/4	20.8
3660		12'	32	1 1/4	24.9
Double thread rod T38-Round39-T38 Flushing hole 14.5mm Wrench flat 32mm.	3050	10'	46	1 3/4	25.7
	3660	12'	46	1 3/4	30.9
Guide speedrod T38-Round46-T38 Flushing hole 17mm.	1830	6'	46	1 3/4	23.5
	3050	10'	46	1 3/4	37.2
	3660	12'	46	1 3/4	44.0
	4270	14'	46	1 3/4	50.9
	4880	16'	46	1 3/4	57.7
	5530	18'11/2"	46	1 3/4	65.0
	6095	20'	46	1 3/4	71.3

Bench Drilling T38

Guide tube	Length		Diameter		Weight approx kg	
	mm	inch	mm	inch		
Guide tube D56 for bits from 64-76mm and D64 for bits from 76-89mm 	1220	4'	56	2 1/8	12.6	
	1525	5'	56	2 1/8	14	
	1830	6'	56	2 1/8	17.4	
	3050	10'	56	2 1/8	28.3	
	3660	12'	56	2 1/8	32.8	
	4920	16'2"	56	2 1/8	47.9	
	3660	12'	64	2 1/2	51	
Coupling	Length		Diameter		Thread	Weight approx kg
	mm	inch	mm	inch		
Coupling sleeves 	190	7 1/2	55	2 5/32	T38	2.1