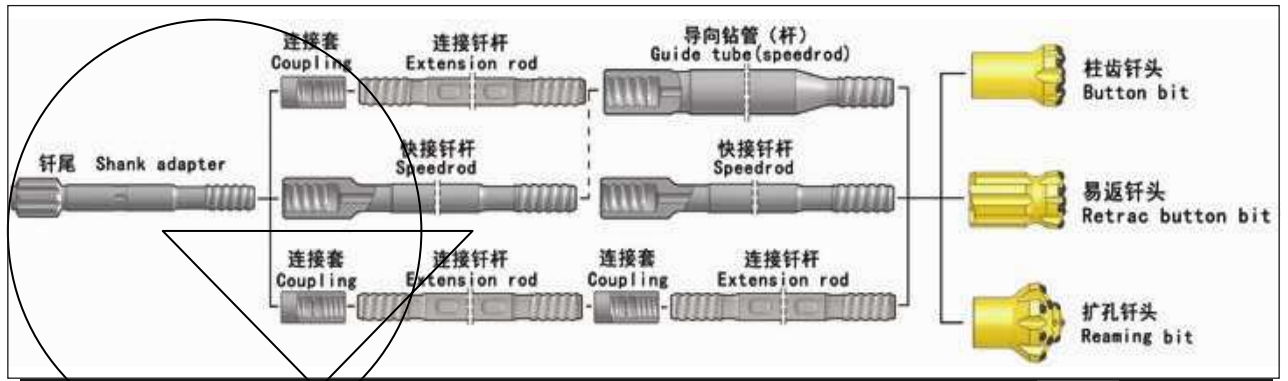













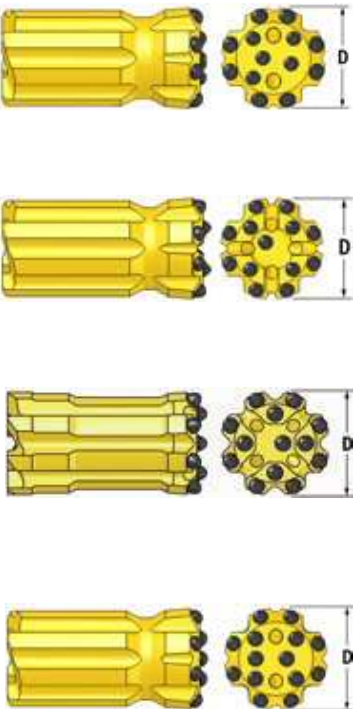
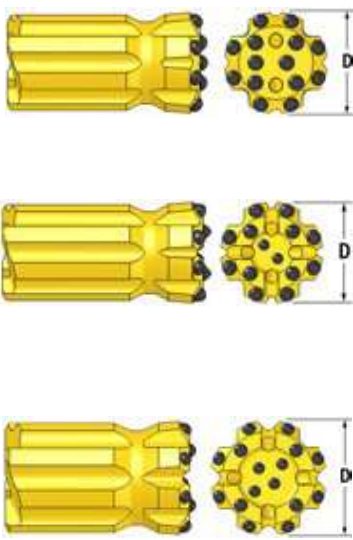
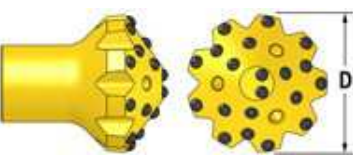


Bench Drilling T51

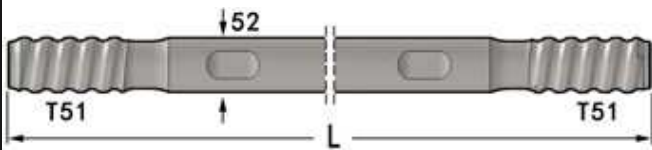
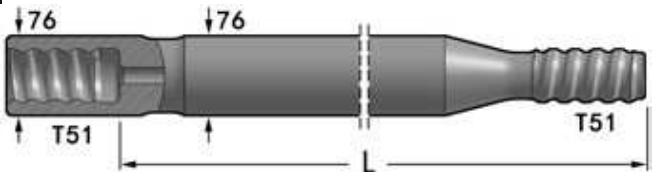


Drill bit	Diameter		Noxbutton diameter			Flushing hole		Weight approx kg	
	mm	inch	Front	Gauge	Angle	Front	Side		
Button bit	Spherical buttons								
	89	3 1/2	4x13	8x13	40°	2	-	4.9	
	89	3 1/2	5x13	8x13	35°	2	1	4.9	
	89	3 1/2	3x11,2x11	6x13	35°	4	-	4.9	
	89	3 1/2	4x11,1x11	8x13	35°	4	-	4.9	
	89	3 1/2	4x13,1x13	8x13	35°	4	-	4.9	
	102	4	4x14	8x14	40°	2	-	5.8	
	102	4	6x13	8x16	35°	2	1	5.8	
	102	4	3x13,2x13	6x14	35°	3	1	5.2	
	102	4	4x13,1x13	8x14	35°	4	-	5.8	
	102	4	4x13,2x13	8x13	35°	4	1	5.8	
	115	4 1/2	6x14	8x14	35°	2	-	6.8	
	115	4 1/2	6x14	8x16	35°	2	-	6.8	
	115	4 1/2	4x13,2x13	8x14	35°	4	-	6.8	
	115	4 1/2	4x13,3x13	8x14	35°	4	-	6.8	
	115	4 1/2	4x14,2x14	8x16	35°	4	-	6.8	
	127	5	8x14	8x16	35°	2	1	7.5	
	127	5	4x16,2x13	8x16	35°	4	-	7.5	
	127	5	4x14,3x14	8x14	35°	4	-	7.5	
	Parabolic buttons								
	89	3 1/2	5x13	8x13	35°	2	1	4.9	
	89	3 1/2	3x11,2x11	6x13	35°	4	-	4.9	
	89	3 1/2	4x11,1x11	8x13	35°	4	-	4.9	
	89	3 1/2	4x13,1x13	8x13	35°	4	-	4.9	
	102	4	4x14	8x14	40°	2	-	5.8	
	102	4	6x13	8x16	35°	2	1	5.8	
	102	4	3x13,2x13	6x14	35°	3	1	5.2	
	102	4	4x13,1x13	8x14	35°	4	-	5.8	
	102	4	4x13,2x13	8x13	35°	4	1	5.8	
	115	4 1/2	6x14	8x16	35°	2	-	6.8	
	115	4 1/2	4x13,2x13	8x14	35°	4	-	6.8	
	115	4 1/2	4x13,3x13	8x14	35°	4	-	6.8	
	115	4 1/2	4x14,2x14	8x16	35°	4	-	6.8	

Bench Drilling T51

Drill bit	Diameter		No×button diameter			Flushing hole		Weight approx kg		
	mm	inch	Front	Gauge	Angle	Front	Side			
Retrac button bit 	Spherical buttons									
	89	3 1/2	4×13	8×13	40°	2	-	5.3		
	89	3 1/2	5×13	8×13	35°	2	1	5.3		
	89	3 1/2	3×11,2×11	6×13	35°	4	-	5.3		
	89	3 1/2	4×11,1×11	8×13	35°	4	-	5.3		
	89	3 1/2	4×13,1×13	8×13	35°	4	-	5.3		
	102	4	4×14	8×14	40°	2	-	7.3		
	102	4	6×13	8×16	35°	2	1	7.3		
	102	4	4×13,1×13	8×14	35°	4	-	7.3		
	102	4	4×13,2×13	8×13	35°	4	1	7.3		
	102	4	4×13,1×13	8×14	35°	4	1	7.3		
	115	4 1/2	6×14	8×14	35°	2	-	9.8		
	115	4 1/2	6×14	8×16	35°	2	-	9.8		
	115	4 1/2	4×13,2×13	8×14	35°	4	-	9.8		
	115	4 1/2	4×13,3×13	8×14	35°	4	-	9.8		
	115	4 1/2	4×14,2×14	8×16	35°	4	-	9.8		
	127	5	8×14	8×16	35°	2	1	12.0		
	127	5	4×16,2×13	8×16	35°	4	-	12.0		
	127	5	4×14,3×14	8×14	35°	4	-	12.0		
		Parabolic buttons								
		89	3 1/2	5×13	8×13	35°	2	1	5.3	
		89	3 1/2	3×11,2×11	6×13	35°	4	-	5.3	
		89	3 1/2	4×11,1×11	8×13	35°	4	-	5.3	
		89	3 1/2	4×13,1×13	8×13	35°	4	-	5.3	
		102	4	4×14	8×14	40°	2	-	7.3	
		102	4	6×13	8×16	35°	2	1	7.3	
		102	4	4×13,1×13	8×14	35°	4	-	7.3	
		102	4	4×13,2×13	8×13	35°	4	1	7.3	
102		4	4×13,1×13	8×14	35°	4	1	7.3		
115		4 1/2	6×14	8×16	35°	2	-	9.8		
115		4 1/2	4×13,2×13	8×14	35°	4	-	9.8		
115		4 1/2	4×13,3×13	8×14	35°	4	-	9.8		
115		4 1/2	4×14,2×14	8×16	35°	4	-	9.8		
Dome bit for reaming 	Spherical buttons									
	152	6	2×14	18×14	35°	3	1	10.6		
	Parabolic buttons									
152	6	2×14	18×14	35°	3	1	10.6			

Bench Drilling T51

Drill rod	Length		Diameter		Weight approx kg	
	mm	Foot	mm	inch		
Extension rod T51-Round52-T51 Flushing hole 21.5mm. Wrench flat 45mm.	3050	10'	52	2	45.3	
	3660	12'	52	2	54.1	
	4270	14'	52	2	63.0	
	4880	16'	52	2	71.8	
	5530	18'	52	2	81.2	
	6095	20'	52	2	89.4	
MF-rod T51-Round52-T51 Flushing hole 21.5mm.	1525	5'	52	2	26.2	
	1830	6'	52	2	30.6	
	3050	10'	52	2	48.3	
	3660	12'	52	2	57.1	
	4270	14'	52	2	66.0	
	4880	16'	52	2	74.8	
	5530	18'	52	2	84.2	
	6095	20'	52	2	92.4	
						
Guide tube	Length		Diameter		Weight approx kg	
	mm	inch	mm	inch		
Guide tube D76 for bits from 89-102mm and D87 for bits from 102-127mm	1830	6'	76	3	42.0	
	3660	12'	76	3	81.0	
	3660	12'	87	3 1/2	86.0	
						
Coupling	Length		Diameter		Thread	Weight approx kg
	mm	inch	mm	inch		
Coupling sleeves	225	8 7/8	71	2 51/64	T51	4.6
	225	8 7/8	76	3	T51	4.8
	235	9 1/4	72	2 7/8	T51	4.7
	235	9 1/4	77	3 1/32	T51	4.9
