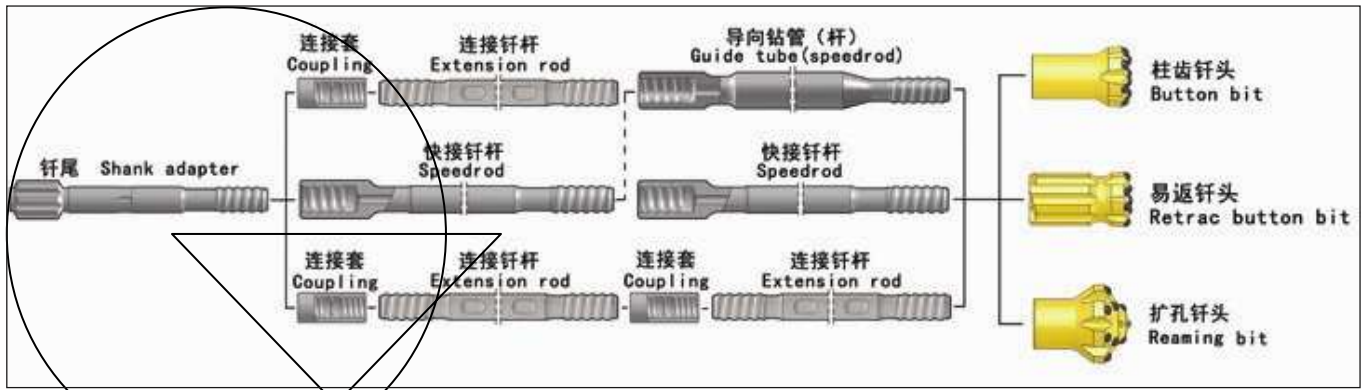
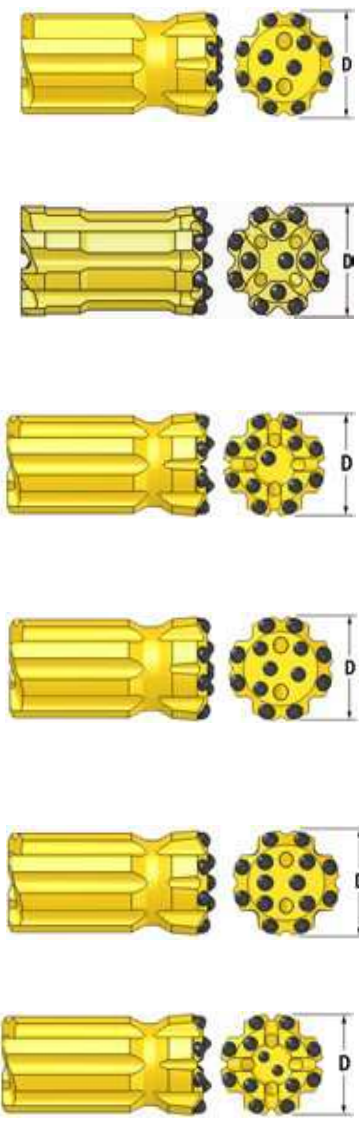
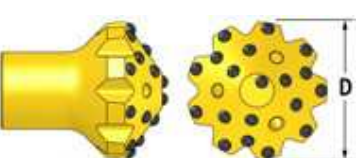


# Bench Drilling T45



Drill bit	Diameter		No×button diameter			Flushing hole		Weight approx kg	
	mm	inch	Front	Gauge	Angle	Front	Side		
	Spherical buttons								
	70	2 3/4	3×11,1×9	6×11	35°	3	-	2.2	
	70	2 3/4	4×10,1×10	8×11	35°	4	-	2.2	
	76	3	4×11	8×11	40°	2	-	2.6	
	76	3	5×11	8×12	35°	2	1	2.6	
	76	3	3×11,1×11	6×13	35°	3	1	2.4	
	76	3	4×11,1×11	8×11	35°	4	-	2.6	
	76	3	4×11,1×11	8×12	35°	4	-	2.6	
	89	3 1/2	4×13	8×13	40°	2	-	4.6	
	89	3 1/2	6×11	8×12	35°	2	-	4.6	
	89	3 1/2	3×11,2×11	6×13	35°	3	1	4.1	
	89	3 1/2	4×11,1×11	8×12	35°	4	-	4.6	
	89	3 1/2	4×13,1×13	8×13	35°	4	-	4.6	
	102	4	5×14	8×14	40°	2	-	5	
	102	4	6×13	8×16	40°	2	1	5	
	102	4	3×13, 2×13	8×14	35°	3	1	4.5	
	102	4	4×13, 1×13	8×14	35°	4	-	4.5	
	102	4	4×13, 2×13	8×13	35°	4	1	4.5	
		Parabolic buttons							
		70	2 3/4	3×11,1×9	6×11	35°	3	-	2.2
70		2 3/4	4×10,1×10	8×11	35°	4	-	2.2	
76		3	4×11	8×11	40°	2	-	2.6	
76		3	5×11	8×12	35°	2	1	2.6	
76		3	3×11,1×11	6×13	35°	3	1	2.4	
76		3	4×11,1×11	8×11	35°	4	-	2.6	
76		3	4×11,1×11	8×12	35°	4	-	2.6	
89		3 1/2	4×13	8×13	40°	2	-	4.6	
89		3 1/2	6×11	8×12	35°	2	-	4.6	
89		3 1/2	3×11,2×11	6×13	35°	3	1	4.1	
89		3 1/2	4×11,1×11	8×12	35°	4	-	4.6	
89	3 1/2	4×13,1×13	8×13	35°	4	-	4.6		

# Bench Drilling T45

Drill bit	Diameter		No×button diameter <sub>r</sub>			Flushing hole		Weight approx kg
	mm	inch	Front	Gauge	Angle	Front	Side	
<b>Retrac button bit</b>  	Spherical buttons							
	70	2 3/4	4×11	8×11	40°	2	-	2.5
	70	2 3/4	3×11,1×9	6×11	35°	3	-	2.5
	70	2 3/4	4×10,1×10	8×11	35°	4	-	2.5
	76	3	4×11	8×11	40°	2	-	3.2
	76	3	5×11	8×12	35°	2	1	3.2
	76	3	3×11,1×11	6×13	35°	3	-	3.2
	76	3	4×11,1×11	8×11	35°	4	-	3.2
	76	3	4×11,1×11	8×12	35°	4	-	3.2
	89	3 1/2	4×13	8×13	40°	2	-	5.4
	89	3 1/2	6×11	8×12	35°	2	-	5.4
	89	3 1/2	3×11,2×11	6×13	35°	3	1	5.4
	89	3 1/2	4×11,1×11	8×12	35°	4	-	5.4
	89	3 1/2	4×13,1×13	8×13	35°	4	-	5.4
	102	4	5×14	8×14	40°	2	-	6.8
	102	4	6×13	8×16	40°	2	1	6.8
	102	4	3×13,2×13	6×14	35°	3	1	6.8
	102	4	4×13,1×13	8×14	35°	4	-	6.8
	102	4	4×13,2×13	8×13	35°	4	1	6.8
	Parabolic buttons							
	70	2 3/4	3×11,1×9	6×11	35°	3	-	2.2
	70	2 3/4	4×10,1×10	8×11	35°	4	-	2.2
	76	3	4×11	8×11	40°	2	-	2.6
	76	3	5×11	8×12	35°	2	1	2.6
	76	3	3×11,1×11	6×13	35°	3	1	2.4
	76	3	4×11,1×11	8×11	35°	4	-	2.6
	76	3	4×11,1×11	8×12	35°	4	-	2.6
	89	3 1/2	4×13	8×13	40°	2	-	4.6
89	3 1/2	6×11	8×12	35°	2	-	4.6	
89	3 1/2	3×11,2×11	6×13	35°	3	1	4.1	
89	3 1/2	4×11,1×11	8×12	35°	4	-	4.6	
89	3 1/2	4×13,1×13	8×13	35°	4	-	4.6	
<b>Dome bit for reaming</b>  	Spherical buttons							
	127	5	1×13	18×13	35°	3	1	6.0
	152	6	2×14	18×14	35°	3	1	10.6
	Parabolic buttons							
	127	5	1×13	18×13	35°	3	1	6.0
	152	6	2×14	18×14	35°	3	1	10.6

# Bench Drilling T45

Drill rod	Length		Diameter		Weight approx kg	
	mm	Foot	mm	inch		
Extension rod T45-Round46-T45 Flushing hole 17mm. Wrench flat 38mm.	1830	6'	46	1 3/4	21.6	
	2435	8'	46	1 3/4	28.3	
	3050	10'	46	1 3/4	35.2	
	3660	12'	46	1 3/4	42.1	
	4270	14'	46	1 3/4	48.9	
	5530	18'	46	1 3/4	63.0	
	6095	20'	46	1 3/4	69.3	
MF-rod T45-Round46-T45 Flushing hole 17mm.	1525	5'	46	1 3/4	21.2	
	1830	6'	46	1 3/4	24.6	
	3050	10'	46	1 3/4	38.2	
	3660	12'	46	1 3/4	45.0	
	4270	14'	46	1 3/4	51.9	
	5530	18'	46	1 3/4	66.0	
	6095	20'	46	1 3/4	72.3	
Guide speedrod T45-Round52-T45 Flushing hole 21.5mm.	3050	10'	52	2	46.6	
	3660	12'	52	2	55.8	
	4270	14'	52	2	63.8	
	5530	18'	52	2	81.5	
	6095	20'	52	2	89.4	
Guide tube	Length		Diameter		Weight approx kg	
	mm	inch	mm	inch		
Guide tube D64 for bits from 76-89mm and D76 for bits from 89-102mm	1220	4' 5"	64	2 1/8	12.6	
	1525	6'	64	1/8	14.0	
	1830		64	2 1/8	17.4	
	3050	10'	64	2 1/8	28.3	
	3660	12'	64	2 1/8	32.8	
	1830	6'	76	3	40.0	
	3660	12'	76	3	77.8	
	Coupling	Length		Diameter		Thread
	mm	inch	mm	inch		
Coupling sleeves	210	8 1/4	63	2 33/64	T45	3.0
	210	8 1/4	66	2 37/64	T45	3.3

