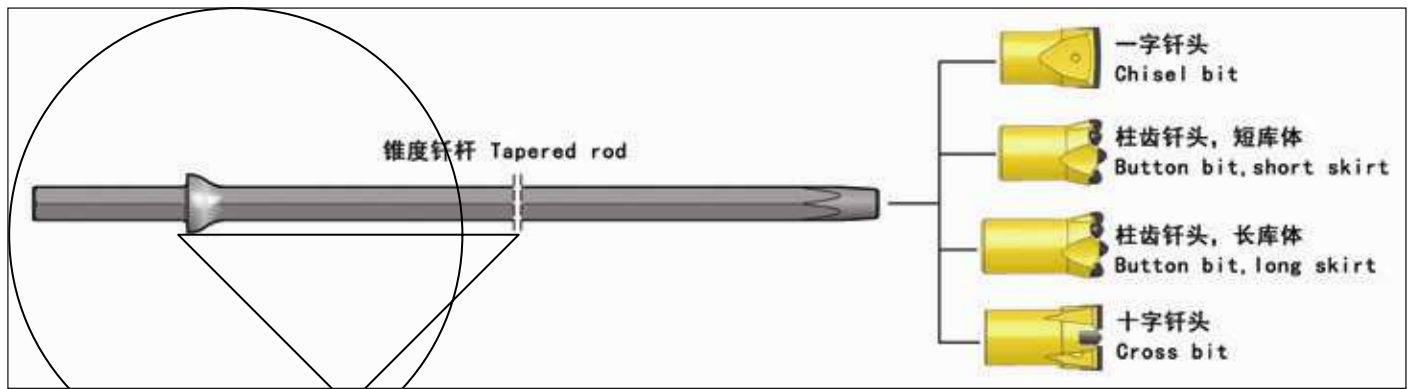
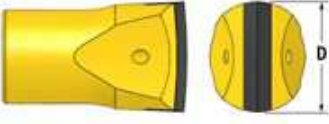
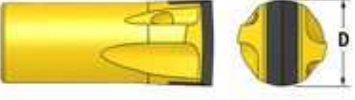
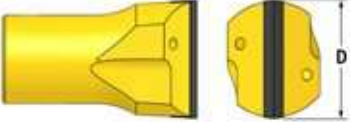
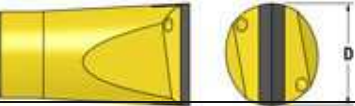



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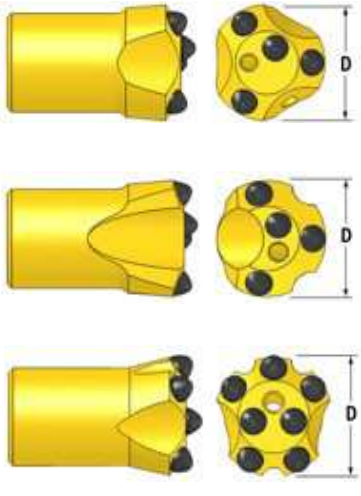

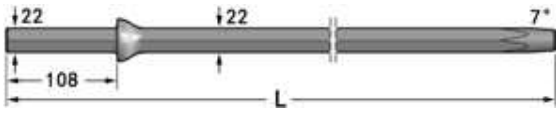


Drill bit	Diameter		For class of rock	Tip size(mm)	Taper	Weight (kg)
	mm	inch		Height×Width		
Horseshoe chisel bit 	26	1 1/32	10-14	10×7	7°	0.17
	28	1 7/64	10-14	10×7	7°	0.18
	30	1 3/16	8-12	13.5×8	7°	0.22
	30	1 3/16	10-14	13.5×8	7°	0.22
	32	1 1/4	8-12	13.5×8	7°	0.24
	32	1 1/4	10-14	13.5×8	7°	0.24
	34	1 11/32	8-12	13.5×8	7°	0.27
	34	1 11/32	10-14	13.5×8	7°	0.27
	36	1 27/64	8-12	13.5×8	7°	0.30
	36	1 27/64	10-14	13.5×8	7°	0.30
	38	1 1/2	8-12	13.5×8	7°	0.33
	38	1 1/2	10-14	13.5×8	7°	0.33
	38	1 1/2	8-12	15×9	7°	0.33
	38	1 1/2	10-14	15×9	7°	0.33
	40	1 37/64	8-12	13.5×9.2	7°	0.38
	40	1 37/64	10-14	13.5×9.2	7°	0.38
	40	1 37/64	14-16	13.5×9.2	7°	0.38
	40	1 37/64	16-18	13.5×9.2	7°	0.38
	40	1 37/64	8-12	15×9.8	7°	0.38
	40	1 37/64	10-14	15×9.8	7°	0.38
	40	1 37/64	14-16	15×9.8	7°	0.38
	40	1 37/64	16-18	15×9.8	7°	0.38
	42	1 2/3	8-12	13.5×9.2	7°	0.41
	42	1 21/32	10-14	13.5×9.2	7°	0.41
	42	1 21/32	14-16	13.5×9.2	7°	0.41
	42	1 21/32	16-18	13.5×9.2	7°	0.41
	42	1 21/32	8-12	15×9.8	7°	0.41
	42	1 21/32	10-14	15×9.8	7°	0.41
	42	1 21/32	10-14	15×9.8	7°	0.41
	42	1 21/32	16-18	15×9.8	7°	0.41
43	1 11/16	8-12	13.5×9.2	7°	0.42	
43	1 11/16	10-14	13.5×9.2	7°	0.42	
43	1 11/16	8-12	15×9.8	7°	0.42	
43	1 11/16	10-14	15×9.8	7°	0.42	

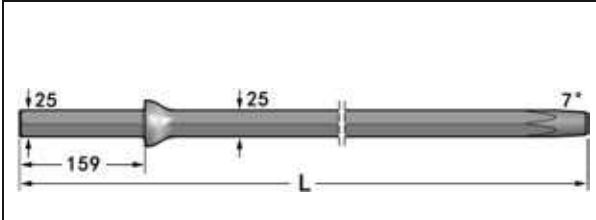
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Drill bit	Diameter		For class of rock	Tip size (mm)	Taper	Weight (kg)	
	mm	inch		Height×Width			
Oblique chipways chisel bit 	20	25/32	10-14	12×6	4°	0.10	
	22	55/64	10-14	12×6	4°	0.12	
	24	15/16	10-14	12×6	4°	0.14	
	26	1 1/32	10-14	12×6	4°	0.16	
	28	1 7/64	10-14	13×8	7°	0.19	
	30	1 3/16	10-14	13.5×8	7°	0.22	
	32	1 1/4	10-14	13.5×8	7°	0.24	
	33	1 19/64	10-14	13.5×8	7°	0.25	
	34	1 11/32	10-14	13.5×8	7°	0.27	
	36	1 27/64	10-14	13.5×8	7°	0.29	
	38	1 1/2	10-14	13.5×8	7°	0.34	
	40	1 37/64	10-14	13.5×9.2	7°	0.40	
	41	1 5/8	10-14	13.5×9.2	7°	0.41	
	42	1 21/32	10-14	13.5×9.2	7°	0.43	
Flat chipways chisel bit 	38	1 1/2	10-14	16×10	7°	0.36	
	40	1 37/64	10-14	16×10	7°	0.38	
	41	1 5/8	10-14	16×10	7°	0.41	
	42	1 21/32	10-14	16×10	7°	0.43	
	45	1 3/4	10-14	22×16×10	7°	0.60	
	46	1 3/4	10-14	22×16×10	7°	0.61	
	48	1 7/8	10-14	22×16×10	7°	0.63	
	50	1 31/32	10-14	22×16×10	7°	0.65	
	56	2 1/4	10-14	24×16×10	7°	0.82	
	60	2 23/64	10-14	26×16×10	7°	0.91	
Oblique-flat chipways chisel bit 	36	1 27/64	10-14	15×10	7°	0.40	
	38	1 1/2	10-14	15×10	7°	0.42	
	40	1 37/64	10-14	15×10	7°	0.45	
	41	1 5/8	10-14	15×10	7°	0.47	
	42	1 21/32	10-14	15×10	7°	0.49	
	43	1 11/16	10-14	15×10	7°	0.51	
Cross-type bit 	30	1 3/16	11-15	12×12×8	7°	0.29	
	32	1 1/4	11-15	12×12×8	7°	0.31	
	33	1 19/64	11-15	12×12×8	7°	0.33	
	34	1 11/32	11-15	12×12×8	7°	0.34	
	35	1 3/8	11-15	12×12×8	7°	0.36	
	36	1 27/64	11-15	13×12×8	7°	0.37	
	38	1 1/2	11-15	14×12×8	7°	0.43	
	40	1 37/64	11-15	15×12×8	7°	0.47	
	41	1 5/8	11-15	15×12×8	7°	0.49	
	42	1 21/32	11-15	15×12×8	7°	0.51	
	43	1 11/16	11-15	15×12×8	7°	0.53	
	45	1 3/4	11-15	17×14×8	7°	0.58	
	48	1 7/8	11-15	17×14×8	7°	0.67	
	50	1 31/32	11-15	19×14×8	7°	0.72	
55	2 1/4	11-15	20×16×10	7°	0.92		
60	2 3/8	11-15	22×16×10	7°	1.19		

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Drill bit	Diameter		No×button diameter			Flushing hole		Weight approx kg
	mm	inch	Front	Gauge	Angle	Front	Side	
Button bit, Short skirt 	32	1 1/4	1×8	3×8	35°	1	1	0.24
	33	1 19/64	2×7	5×7	35°	2	1	0.26
	34	1 11/32	2×7	4×7	40°	1	1	0.29
	35	1 3/8	2×7	5×8	35°	1	1	0.33
	36	1 27/64	1×8	3×9	40°	1	1	0.37
	36	1 27/64	2×7	5×8	35°	1	1	0.37
	38	1 1/2	1×8	3×9	35°	1	1	0.38
	38	1 1/2	2×7	5×8	35°	1	1	0.38
	38	1 1/2	2×7	5×9	40°	2	1	0.38
	40	1 37/64	1×8	3×9	30°	1	1	0.40
	40	1 37/64	1×9	3×10	30°	1	1	0.40
	40	1 37/64	1×9	3×9	35°	1	1	0.40
	40	1 37/64	2×7	5×9	35°	1	1	0.40
	42	1 21/32	1×8	3×9	30°	1	1	0.43
42	1 21/32	1×9	3×10	30°	1	1	0.43	
42	1 21/32	1×9	3×9	35°	1	1	0.43	
42	1 37/64	2×8	5×9	35°	1	1	0.43	
Long skirt 	32	1 1/4	2×7	5×7	35°	1	1	0.30
	33	1 19/64	2×7	5×7	35°	1	1	0.31
	35	1 3/8	2×7	5×8	35°	1	1	0.36
	38	1 1/2	2×7	5×9	35°	1	1	0.41
	41	1 5/8	2×7	5×9	35°	1	1	0.42
Drill rod			Length				Weight approx kg	
			mm	Foot				
Hex. Taperd rod 			600	2'			1.93	
			800	2'6"			2.54	
			1000	3'3"			3.15	
			1200	3'9"			3.76	
			1500	4'11"			4.68	
			1600	5'3"			4.98	
			1800	5'9"			5.59	
			2000	6'7"			6.20	
			2200	7'2"			6.81	
			2300	7'6"			7.12	
			2400	7'9"			7.42	
			2500	8'2"			7.73	
			2600	8'8"			8.03	
			3000	9'10"			9.25	
			3500	11'5"			10.78	
			4000	13'1"			12.30	
			4500	14'8"			13.83	
		5000	16'4"			15.35		
		5500	18'1"			16.88		
		6000	19'7"			18.30		

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4000	13'1"	16.10	
4700	15'4"	18.90	
5000	16'4"	22.10	
5500	18'1"	22.10	
6000	19'7"	24.10	