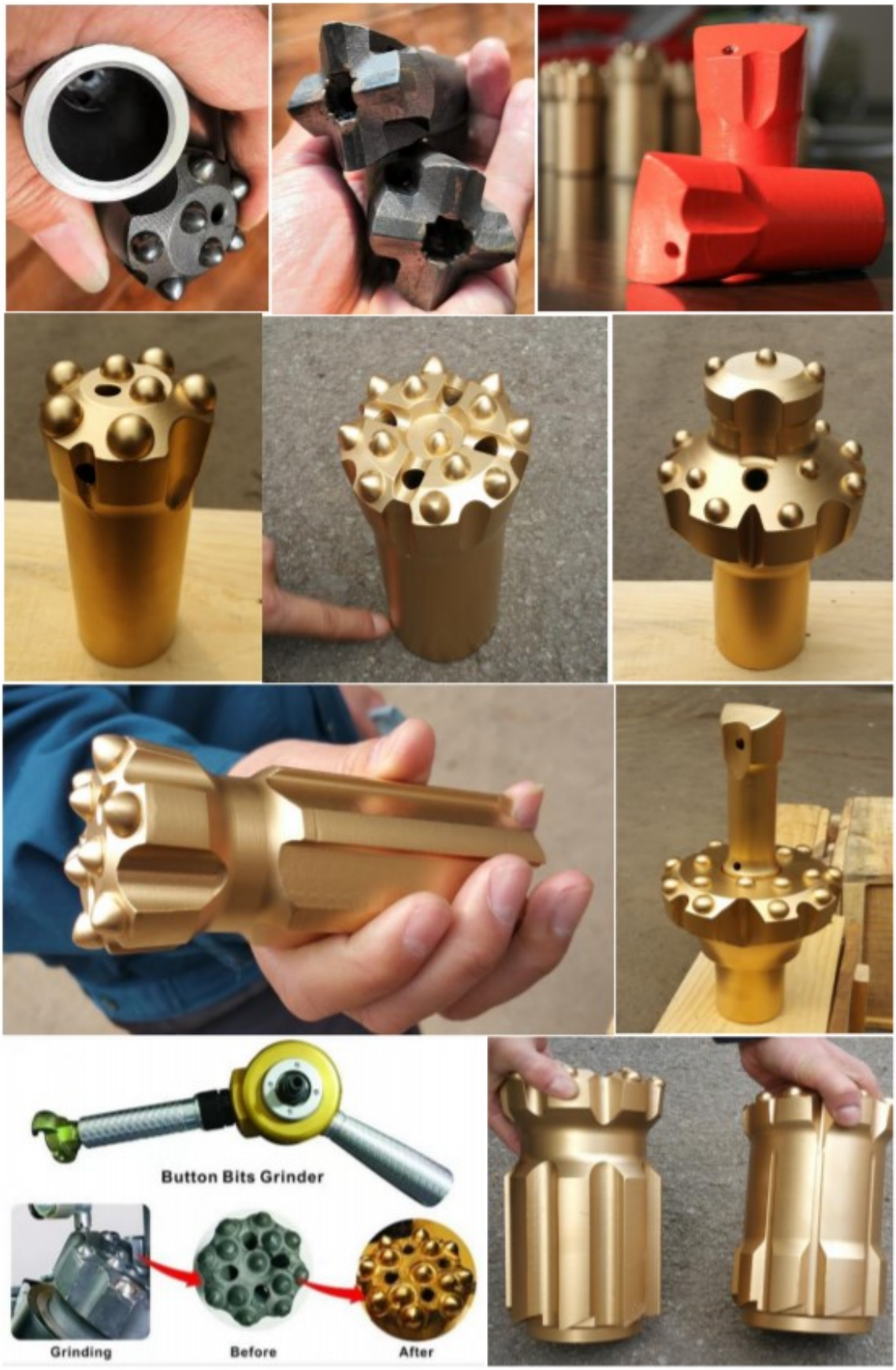
MINING DRILLING TOOLS



MINING DRILLING TOOLS

Available for 6° 7° 11° 12°

Drill Rod(7°)	L		
	mm	ft	in
Hex Shank 22*108mm 	600	2	–
	800	2	7 1/2"
	1200	4	–
	1600	5	4"
	2400	8	6"
	3200	10	1 1/2
	4000	13	
Hex Shank 25*108mm 	800	2'	7 1/2"
	1600	5'	4"
	2400	8'	–
	3200	10'	6"
	4000	13'	1 1/2"

MINING DRILLING TOOLS

R32(1 1/4) Thread

Button bit	Dimensions D		Flushing hole(mm)		Buttons(mm)		Angle	Class	Part no.	Weight (kg)
	mm	inch	Front	Gauge	Front	Gauge				
	45	1 3/4	1×5.5	2×5.5	2×9	5×11	30°	H		0.75
	48	1 7/8	2×6	1×5	2×9	5×11	30°	H		0.8
	51	2	2×6	1×5.5	2×10	5×11	30°	H		0.9
	43	1 11/16	2×5	2×5	2×8	6×9	30°	S		0.7
	45	1 3/4	2×5	2×5	2×9	6×10	30°	S		0.8
	48	1 7/8	2×5.5	2×5	2×9	6×10	30°	S		0.9
	43	1 11/16	3×4	2×5	3×8	6×10	30°	M		0.65
	45	1 3/4	3×5	1×5	3×8	6×10	30°	M		0.75
	48	1 7/8	3×5	1×5	3×9	6×10	30°	M		0.8
	54	2 1/8	3×6	1×5.5	3×10	6×11	35°	M		1
	45	1 3/4	3×5	1×5	3×8	6×10	30°	M		0.62
	48	1 7/8	3×5	1×5	3×9	6×10	30°	M		0.72
	51	2	3×5.5	1×5.5	3×9	6×10	35°	M		0.8
	54	2 1/8	3×6	1×5.5	3×10	6×11	35°	M		0.95
	57	2 1/4	3×6	1×6	3×10	6×11	35°	M		1.2
	64	2 1/2	3×7	1×6	4×10	6×11	35°	M		1.5
	64	2 1/2	3×7	1×6	3×11	6×12	35°	H		1.5

MINING DRILLING TOOLS

	76	3	2×9	2×7	6×10	8×11	35°	H	2.1
	51 54 57	2 2 1/8 2 1/4	3×5 3×6 3×6	1×6 1×5.5 1×6	3×9 3×10 3×10	6×10 6×11 6×11	30° 35° 35°	M M M	1.3 1.6 1.9
	64	2 1/2	3×7	1×6	4×10	6×11	35°	M	2
	64	2 1/2	3×7	1×6	3×11	6×12	35°	H	2.2
Pilot bit 12° taper 	41	1 5/8	2×5	2×5.5	2×8	4×9	30°	—	2.2
Reaming bit 12° taper 	89 102	3 1/2 4	— —	— —	4×10 4×12	8×11 8×12	35° 35°	— —	2.1 3.5
Dome bit 	76 89 102	3 3 1/2 4	2×9 2×9 2×9	2×7 2×8 2×9	1×11 1×12 1×12	14×11 14×12 14×12	35° 35° 35°	— — —	2.1 2.3 3.7

MINING DRILLING TOOLS

R32(1 1/4) Thread

Drilling rod	Dimensions					Part no.	Weight (kg)
	L (mm)	ft	inch	D (mm)	in		
Hex rod 25 * 108 with thread R32 	1830	6	—	25	1		4
	2435	8	—	25	1		6.3
	2950	9	7 5/8	25	1		8.5
	3050	10	—	25	1		12.5
Hex rod 32 with threads R32/R38 	3100	10	2	32	1 1/4		19.7
	3700	12	2	32	1 1/4		23.3
	4310	14	2	32	1 1/4		27
	4920	16	2	32	1 1/4		30.9
Hex rod 35 with threads R32/R38 	3100	10	2	35	1 3/8		23.9
	3700	12	2	35	1 3/8		28.5
	4310	14	2	35	1 3/8		33.2
	4920	16	2	35	1 3/8		36.7
	5530	18	2	35	1 3/8		41.3
Hex rod 32 with threads R32/T38 	3100	10	2	32	1 1/4		19.7
	3700	12	2	32	1 1/4		23.3
	4310	14	2	32	1 1/4		27
	4920	16	2	32	1 1/4		30.9
Hex rod 32 with threads R32/T38 	3100	10	2	32	1 1/4		19.7
	3700	12	2	32	1 1/4		23.3
	4310	14	2	32	1 1/4		27
	4920	16	2	32	1 1/4		30.9
Hex rod 35 with threads R32/T38 	3100	10	2	35	1 3/8		23.9
	3700	12	2	35	1 3/8		28.5
	4310	14	2	35	1 3/8		33.2
	4920	16	2	35	1 3/8		36.7
	5530	18	2	35	1 3/8		41.3
Rod Ø32 with threads R32/R32 (MF) 	3100	10	2	32	1 1/4		12.9
	3700	12	2	32	1 1/4		17.4
	4310	14	2	32	1 1/4		20.6
	4920	16	2	32	1 1/4		28
Rod Ø32 with threads R32/R32 	1830	6	—	32	1 1/4		8
	2435	8	—	32	1 1/4		11.5
	2950	9	7 5/8	32	1 1/4		16.2
	3050	10	—	32	1 1/4		19.5

MINING DRILLING TOOLS

R32(1 1/4) Thread

Coupling	Dimensions					Weight (kg)
	D (mm)	inch	L (mm)	inch	Part no.	
R32-R32 	45	1 3/4	150	6		1
Crossover coupling R32-R35 	45	1 3/4	175	6 7/8		1.5
Crossover coupling R28-R32 	45	1 3/4	171	6 3/4		1.4
Crossover coupling R32-R38 	54	2 1/8	181	7 1/8		2.1
Crossover coupling R32-T38 	54	2 1/8	188	7 1/2		2.2

MINING DRILLING TOOLS

Button bit (T38)	D		Flushing hole (mm)		Buttons (mm)		Angle	Class
	mm	in	Front	Gauge	Front	Gauge		
	64	2 1/2	3×7	1×6	4×10	6×11	35°	M
	64	2 1/2	3×7	1×6	3×11	6×12	35°	H
	64 70 76 89	2 1/2 2 3/4 3 3 1/2	2×9 2×8 2×8 2×13	– 2×6 2×7 2×8	4×10 4×11 4×11 5×12	8×10 8×11 8×12 8×13	35° 35° 35° 35°	H H H H
	76	3	2×10	2×7	4×11	8×12	35°	M
	70 76	2 3/4 3	4×8 4×8	– –	5×10 5×11	8×11 8×12	30° 35°	M M

MINING DRILLING TOOLS

	89	3 1/2	4×19	–	6×12	8×13	35°	M
	64	2 1/2	3×7	1×6	3×11	6×12	35°	M
	64 70 76	2 1/2 2 3/4 3	2×9 2×8 2×9	2×6 2×6 2×7	4×10 4×11 4×12	8×10 8×11 8×12	° 35° 35°	M H H
	89	3 1/2	2×11	2×8	6×12	8×13	35°	H
	64	2 1/2	3×7	1×6	4×10	6×11	35°	M

	89 102	3 1/2 5	2×9 2×9	2×8 2×9	1×12 1×12	14×12 14×12	35° 35°
	127	5	4×8	2×9	1×14	16×14	35°
	127	5	2×13	2×11	10×14	8×14	35°

MINING DRILLING TOOLS

Drill rod (T38)	L		
	mm	ft	inch
Hex rod 32 with threads T38/T38 	3050	10	–
	3660	12	–
Rod Ø38 with threads T38/T38 	3050	10	–
	3660	12	–
	4270	14	–
	4880	16	–
	5490	18	–
Rod Ø38 with threads T38/T38 (MF) 	900	3	–
	1220	4	–
	1525	5	–
	1830	6	–
	2440	8	–
	3050	10	–
	3660	12	–

Coupling (T38)	L			D	
	mm	ft	in	mm	in
T38-T38 	190	7	1/2	54	2 1/8
Crossover type T38-R32 	188	7	1/2	54	2 1/8
Crossover type T38-T45 	215	8	1/2	66	2 1/2

MINING DRILLING TOOLS

Reaming Bit(T45)	D		Flushing hole (mm)		Buttons (mm)		Angle
	mm	inch	Front	Gauge	Front	Gauge	
Dome bit 	127	5	4×8	2×9	1×14	16×14	35°
Cut holes / Dome bit 	127	5	2×13	2×11	10×13	8×14	35°

Button bit (T45)	D		Flushing hole (mm)		Buttons (mm)		Angle	Class
	mm	inch	Front	Gauge	Front	Gauge		
	70	2 3/4	2×8	2×6	4×11	8×11	35°	H
	76	3	2×9	2×7	4×11	8×12	35°	H
	89	3 1/2	2×13	2×8	5×12	8×14	35°	H
	102	4	2×13	–	6×13	8×14	35°	H
	115	4 1/2	4×13	–	6×14	8×16	35°	H
	70	2 3/4	4×8	–	5×10	8×11	35°	M
	76	3	4×8	–	5×11	8×12	35°	M
	89	3 1/2	4×9	–	6×12	8×14	35°	M
	102	4	4×11	–	6×13	8×14	35°	M

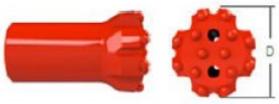
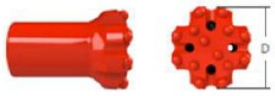
MINING DRILLING TOOLS

	70 76	2 3/4 4 4 1/2	2×8 2×9	2×6 2×7	4×11 4×12	8×11 8×12	35° 35°	H H
	89 102 115	3 1/2 4 4 1/2	2×11 4×11 4×13	2×8 – –	6×12 6×13 6×14	8×14 8×14 8×16	35° 35° 35°	H H H
	76 89 102 115	3 3 1/2 4 4 1/2	4×8 4×10 4×11 4×13	– – – –	5×11 6×12 6×13 6×14	8×12 8×14 8×14 8×16	35° 35° 35° 35°	M M M M
	76 89	3 3 1/2	1×8 1×9	2×8 2×9	– –	– –	– –	– –

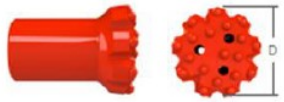
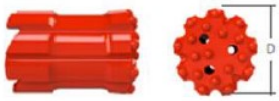
Drill rod (T45)	L		
	mm	ft	in
Rod Φ45 with Thread T45/T45 	3050 3660 4270 4880 6100	10 12 14 16 20	– – – – –
Rod Ø45 with threads T45/T45 (MF) 	1525 1830 3050 3660 4270	5 6 10 12 14	– – – – –

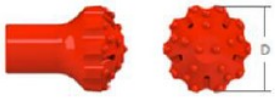
MINING DRILLING TOOLS

Coupling (T45)	L			D	
	L mm	ft	in	D mm	in
T45-T45 	207	8	1/8	66	2 3/5
Crossover type T45-T38 	215	8	1/2	66	2 1/2
Crossover type T45-T51 	240	8	1/2	72	2 7/8

Button bit (T51)	D		Flushing hole (mm)		Buttons (mm)		Angle	Class
	mm	inch	Front	Gauge	Front	Gauge		
	89	3 1/2	2×12	2×7	6×12	8×14	35°	H
	102	4	2×14	–	6×13	8×14	35°	H
	115	4 1/2	4×13	–	6×14	8×16	35°	H
	89	3 1/2	4×10	–	6×12	8×14	35°	M
	102	4	4×11	–	6×13	8×14	35°	M

MINING DRILLING TOOLS

	115	4 1/2	4×13	–	6×14	8×16	35°	M
	127	5	3×13	–	10×14	9×16	35°	H
	127	5	3×13	–	9×14	9×14	35°	M
	127	5	3×13	–	9×14	9×16	35°	H

	89 102 115	3 1/2 4 4 1/2	2×11 4×11 4×13	2×8 – –	6×12 6×13 6×14	8×14 8×14 8×16	35° 35° 35°	H H H
	89 102 115	3 1/2 4 4 1/2	4×10 4×11 4×13	– – –	6×12 6×13 6×14	8×14 8×14 8×16	35° 35° 35°	M M M
	127	5	3×13	–	9×14	9×14	35°	M
	152	6	5×10	2×10	2×14	20×14	35°	–

MINING DRILLING TOOLS

Drill rod (T51)	L		
	mm	ft	in
Rod Ø51 with threads T51/T51 	3660	12	–
	4270	14	–
	6100	20	–
Rod Ø51 with threads T51/T51 (MF) 	1525	5	–
	1830	6	–
	3660	12	–
	4270	14	–

Coupling (T51)	L			D	
	mm	ft	inch	mm	inch
T51-T51 	235	9	1/4	72	2 1/8
T51-T51 	235	9	1/4	77	3
	240	9	1/2	72	2 7/8

MINING DRILLING TOOLS

Button bit (ST58)	D		Flushing hole (mm)		Buttons (mm)		Angle	Class
	mm	in	Front	Gauge	Front	Gauge		
	89	3 1/2	4×10	–	6×12	8×14	35°	M
	102	4	4×11	–	6×12	8×14	35°	M
	89	3 1/2	2×14	–	6×12	8×14	35°	H
	102	4	2×15	–	6×13	8×14	35°	H
	89	3 1/2	2×11	2×9	6×12	8×14	35°	H
	102	4	2×12	2×9	6×12	8×14	35°	H
	89	3 1/2	4×10	–	6×12	8×14	35°	M
	102	4	4×11	–	6×12	8×14	35°	M

Button bit (ST68)	D		Flushing hole (mm)		Buttons (mm)		Angle	Class
	mm	inch	Front	Gauge	Front	Gauge		
	102	4	2×14	2×10	6×14	8×16	35°	H
	115	4 1/2	3×13	–	6×14	9×16	35°	H
	127	5	3×14	–	10×14	9×16	35°	H
	115	4 1/2	3×13	2×9	7×14	9×16	35°	H
	127	5	3×14	2×9	9×14	9×16	35°	H
	115	4 1/2	3×13	–	6×14	9×16	35°	H
	127	5	3×14	–	10×14	9×16	35°	H

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	127	5	3×14	–	10×14	9×16	35°	H
	102	4	4×11	–	6×13	8×14	35°	H
	115	4 1/2	3×13	–	7×14	9×16	35°	H
	92 115	3 5/8 4 1/2	3×11 3×13	– –	6×12 6×14	9×12 9×16	35° 35°	H H

	127	5	3×14	–	9×14	9×16	35°	H
	127	5	3×14	–	10×14	9×16	35°	H

Drill rod (GT60)	L		
	mm	ft	in
Rod Ø60 with threads GT60/GT60 	3660	12	–
	4270	14	–
	6100	20	–