

T38 threaded drop center retract button bit for mining

The T38 series drilling tools are heat-treated to withstand the demanding requirements of rock drilling, efficiently transmitting powerful impact energy to the rock with minimal energy loss.

Drilling Tool Introduction


This webpage mainly introduces T38 threaded button bit, T38 threaded drop center button bit, T38 retract button bit, T38 drop center retract button bit, T38 threaded x drill bit, T38 threaded cross drill bit, and coupling sleeve.


Technical specifications of T38 threaded button bit, drop center button bit, and retract button bit


- Thread connection: T38
- Head material: Tungsten carbide
- Bit body material: High-strength alloy steel
- Flushing grooves: Distributed along the bit for chip removal and cooling
- Head design: Button shape
- Diameter: 64 mm and 76 mm, etc.
- Side button angle: 30 degree, 35 degree, and 40 degree



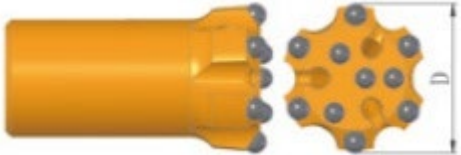
- Side buttons: 6×12 mm, 7×12 mm, 8×10 mm, etc.
- Center buttons: 3×11 mm, 4×10 mm, 4×11 mm, 6×10 mm, etc.
- Weight: 1.6 kg and 3.7 kg
- Head manufacturing process: Hot-press welding technology
- Other manufacturing processes: Full carburizing heat treatment, high-frequency treatment, and phosphating


Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	64	2 1/2	6 x 12 mm	3 x 11 mm	30 degree	T38	B173- 6409-7603	1.6
	64	2 1/2	6 x 12 mm	3 x 11 mm	30 degree	T38	B173- 6409-7663	1.6

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
Button, drop center 	76	3	7 x 12 mm	4 x 11 mm	35 degree	T38	B175- 7611-7605	2.4
	76	3	7 x 12 mm	4 x 11 mm	35 degree	T38	B175- 7611-7665	2.3
Button	64	2 1/2	8 x 10 mm	4 x 10 mm	30 degree	T38	B173- 6412-7603	1.7

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	70	2 3/4	8 x 11 mm	6 x 10 mm	35 degree	T38	B173- 7014-7605	1.9
	76	3	8 x 11 mm	6 x 10 mm	35 degree	T38	B173- 7614-7605	3.3
	89	3 1/2	9 x 11 mm	6 x 10 mm	35 degree	T38	B173- 8915-7605	3.7

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	64	2 1/2	8 x 10 mm	4 x 10 mm	35 degree	T38	B173- 6412-7665	1.6
	76	3	8 x 10 mm	6 x 10 mm	40 degree	T38	B173- 7614-7664	3.4
Button	64	2 1/2	6 x 10 mm	4 x 9 mm	35 degree	T38	B173- 6410-7605	1.5

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	76	3	8 x 11 mm	6 x 10 mm	30 degree	T38	B173- 7614-7603	3.3
	64	2 1/2	6 x 10 mm	4 x 9 mm	40 degree	T38	B173- 6410-7664	1.5
	76	3	8 x 11 mm	6 x 10 mm	35 degree	T38	B173- 7614-7665	3.4

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
<p data-bbox="210 708 519 743">Button, flat, retrac</p> 	64	2 1/2	8 x 10 mm	4 x 10 mm	30 degree	T38	B174- 6412-7603	1.5
	70	2 3/4	8 x 10 mm	6 x 10 mm	35 degree	T38	B174- 7014-7605	1.8
	76	3	8 x 11 mm	6 x 10 mm	35 degree	T38	B174- 7614-7605	3.3

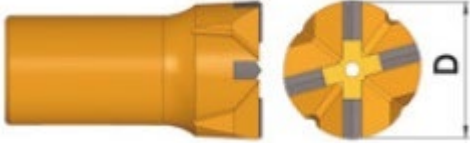
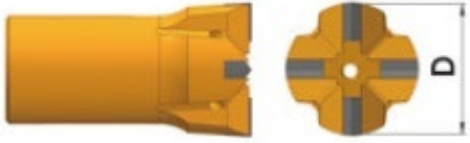
Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	64	2 1/2	8 x 11 mm	4 x 10 mm	35 degree	T38	B174- 6412-7665	1.8
	76	3	8 x 11 mm	6 x 10 mm	40 degree	T38	B174- 7614-7664	2.4
Button, drop center, retrac	64	2 1/2	6 x 11 mm	5 x 10 mm	35 degree	T38	B176- 6411-7605	2.0

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	76	3	8 x 11 mm	6 x 10 mm	35 degree	T38	B176- 7614-7605	2.7
	64	2 1/2	6 x 12 mm	4 x 10 mm	40 degree	T38	B176- 6410-7664	1.9
	76	3	8 x 11 mm	6 x 10 mm	35 degree	T38	B176- 7614-7665	2.5

Technical specifications of T38 threaded x and cross drill bits

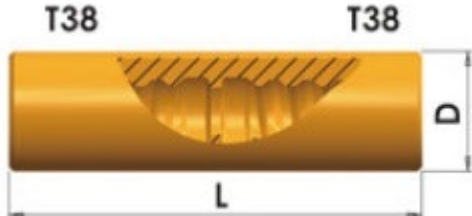
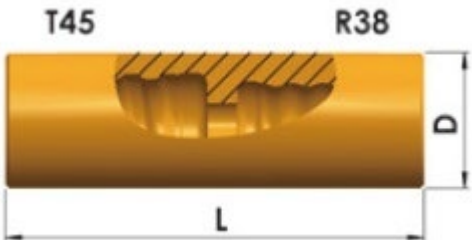
- Thread connection: T38
- Head material: Embedded tungsten carbide buttons
- Bit body material: High-strength alloy steel
- Flushing grooves: Distributed along the bit for removing debris, waste liquid, and cooling medium
- Head design: x shape and cross shape
- HxT: 16×10 mm
- Diameter: 64 mm
- Weight: 2.1 kg

T38 threaded x and cross drill bits

Thread bit, Insert	D (mm)	D (inch)	Insert H x T	Thread	Order number	Weight (kg)
<p>X bit</p> 	64	2 1/2	16 x 10 mm	T38	B168-6416-7610	2.1
<p>Cross</p> 	64	2 1/2	16 x 10 mm	T38	B158-6416-7610	2.1

Technical specifications of coupling sleeve

- Types: Middle stop and reduction
- Thread connection: T38, R38, and T45
- Length: 190 mm and 200 mm
- Diameter: 55 mm and 66 mm
- Material: Forged high-strength alloy steel
- Manufacturing process: Full carburizing heat treatment
- Weight: 2.0 kg to 3.2 kg

Coupling sleeve	L (mm)	L (inch)	D (mm)	D (inch)	Thread	Order number	Weight (kg)
Middle stop 	190	7 1/2	55	2 5/32	T38	B302-5519-7676	2.0
Reduction 	190	7 1/2	55	2 5/32	T38, R38	B303-5519-7656	2.1
	190	7 1/2	55	2 5/32	T38, R32	B303-5519-7654	2.2
	200	8 1/16	66	2 3/8	T38, T45	B303-6620-7677	3.2