

T45 threaded drop center retract button bit for drilling

The T45 threaded series button bit is suitable for medium to hard rock formations, featuring a standardized T45 threaded connection to ensure compatibility with various drilling rigs and drill rods, thereby achieving reliable and efficient power transmission.

T45 Threaded Retract Button Bit Overview

The T45 threaded retract button bit has a narrower front end. This design creates more space for rock chip removal, enhances flushing efficiency in soft rock or gravel, and significantly reduces the risk of the bit getting stuck.


Specifications of the T45 Threaded Series Button Bit

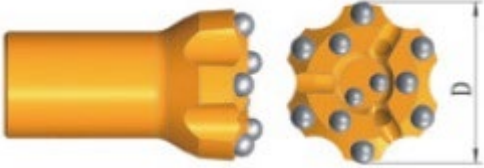

1. T45 threaded drill flat button bit.
2. T45 threaded drill drop center button bit.
3. T45 threaded drill retract button bit.
4. T45 threaded drill drop center retract button bit.




Technical Information of the Drill Button Bit

- **Connection thread:** T45
- **Head material:** Tungsten carbide
- **Bit body material:** High-strength alloy steel
- **Chip removal grooves:** Distributed along the bit for chip removal and cooling
- **Head design:** button shape
- **Diameter:** 76 mm and 89 mm
- **Edge button angles:** 30 degree, 35 degree, and 40 degree
- **Edge buttons:** 7×12 mm, 8×11 mm, 8×12 mm, 9×11 mm, and 9×12 mm
- **Center buttons:** 4×12 mm, 6×10 mm, 6×11 mm, and 7×11 mm
- **Weight:** Ranges from 2.2 kg to 4.7 kg
- **Head manufacturing process:** Hot-pressing inlay technology
- **Other manufacturing processes:** Full carburizing heat treatment, high-frequency treatment, and phosphating process

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
Button 	76	3	8 x 12 mm	4 x 12 mm	35 degree	T45	B173-7611-7765	2.8
	89	3 1/2	8 x 12 mm	4 x 12 mm	35 degree	T45	B173-8912-7765	3.8
	76	3	7 x 12 mm	4 x 12 mm	35 degree	T45	B173-7611-7745	2.8
	89	3 1/2	8 x 12 mm	4 x 12 mm	35 degree	T45	B173-8912-7745	3.8
Button, drop center	76	3	7 x 12 mm	6 x 11 mm	35 degree	T45	B175-7613-7705	2.2

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	89	3 1/2	8 x 12 mm	6 x 11 mm	35 degree	T45	B175-8914- 7705	3.3
Button, flat, retrac 	76	3	8 x 11 mm	6 x 10 mm	35 degree	T45	B174-7614- 7705	3.0
	89	3 1/2	8 x 12 mm	6 x 11 mm	35 degree	T45	B174-8914- 7705	4.7
	76	3	9 x 11 mm	6 x 10 mm	35 degree	T45	B174-7615- 7705	3.0

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	89	3 1/2	9 x 12 mm	6 x 11 mm	35 degree	T45	B174-8915- 7705	4.7
Button, drop center, retrac 	76	3	8 x 11 mm	6 x 10 mm	30 degree	T45	B176-7614- 7703	2.8
	89	3 1/2	8 x 12 mm	7 x 11 mm	35 degree	T45	B176-8915- 7705	3.5
	76	3	8 x 11 mm	6 x 10 mm	35 degree	T45	B176-7614- 7705	2.8
	89	3 1/2	8 x 12	6 x 11	40	T45	B176-8914-	3.5

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Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
			mm	mm	degree		7704	