R32 threaded retract button bit for bench drilling tools

The R32 threaded retract button bit features different head shapes suitable for various rock formations, meeting excavation requirements for rocks of different hardness, improving excavation efficiency, and reducing drilling costs.

Drilling Tool Overview

After heat treatment, our drilling tools are tough enough to meet the requirements of rock drilling in open-pit mining, and energy loss during the drilling process is minimal.

Product Introduction

This webpage mainly introduces the R32 threaded button bit, R32 threaded retract button bit, R32 threaded cross bit, and coupling sleeve.

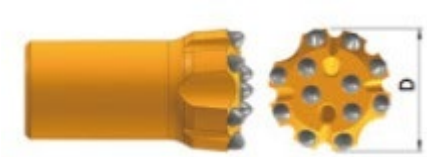
Technical Specifications of R32 Threaded Button Bit

- Connection thread: R32
- Head material: Tungsten carbide
- Bit body material: High-strength alloy steel
- Flushing grooves: Distributed along the bit for chip removal and cooling
- Head design: Spherical button shape
- Diameter: 51 mm, 57 mm, 64 mm, 76 mm, etc.
- Gauge angle: 30 degrees and 35 degrees
- Gauge buttons: 6×10 mm, 6×11 mm, 8×11 mm, etc.
- Center buttons: 3×9 mm, 3×10 mm, 4×10 mm, etc.
- Weight: 1.1 kg to 2.5 kg
- Head manufacturing process: Hot-melt inlay technology
- Other manufacturing processes: Full carburizing heat treatment, high-frequency treatment, and phosphating process

Technical Specifications of R32 Threaded Retract Button Bit

- Connection thread: R32
- Head material: Tungsten carbide
- Bit body material: High-strength alloy steel
- Flushing grooves: Distributed along the bit for chip removal and cooling
- Head design: Spherical button shape
- Diameter: 51 mm and 64 mm
- Gauge angle: 30 degrees
- Gauge buttons: 6×11 mm, 8×12 mm, etc.
- Center buttons: 3×10 mm, 4×11 mm, etc.
- Weight: 1.3 kg and 2.5 kg
- Head manufacturing process: Hot-melt 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 	51	2	6 x 10 mm	3 x 10 mm	35 degree	R32	B173-5109-5405	1.1
	57	2 1/4	6 x 11 mm	3 x 10 mm	35 degree	R32	B173-5709-5405	1.2
	51	2	6 x 10 mm	3 x 9 mm	35 degree	R32	B173-5109-5445	1.1

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
Button 	64	2 1/2	8 x 11 mm	4 x 10 mm	30 degree	R32	B173-6412-5403	1.5
	76	3	8 x 11 mm	4 x 11 mm	35 degree	R32	B173-7612-5405	2.4
	64	2 1/2	8 x 11 mm	4 x 10 mm	35 degree	R32	B173-6412-5445	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	4 x 11 mm	35 degree	R32	B173-7612-5445	2.4
Button 	76	3	8 x 11 mm	5 x 10 mm	35 degree	R32	B173-7613-5405	2.4
	76	3	8 x 11 mm	6 x 10 mm	35 degree	R32	B173-7614-5445	2.4

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
Button, flat, retrac 	51	2	6 x 11 mm	3 x 10 mm	30 degree	R32	B174-5109-5405	1.3
	64	2 1/2	8 x 12 mm	4 x 11 mm	30 degree	R32	B174-6412-5403	2.5
	51	2	6 x 11 mm	3 x 10 mm	30 degree	R32	B174-5109-5443	1.3

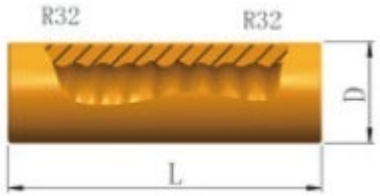
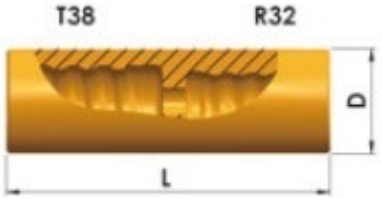
Technical Specifications of R32 Threaded Cross Drill Bit

- Connection thread: R32
- Head material: Inlaid tungsten carbide teeth
- Bit body material: High-strength alloy steel
- Flushing grooves: Distributed along the bit for waste removal and cooling medium
- Head design: Cross shape
- HxT: 16×10 mm
- Diameter: 50 mm, 55 mm, 65 mm
- Weight: 1.1 kg to 1.6 kg

Thread bit, Insert	D (mm)	D (inch)	Insert H x T	Thread	Order number	Weight (kg)
Cross 	50	2	16 x 10 mm	R32	B158-5016-5410	1.1
	55	2 1/4	16 x 10 mm	R32	B158-5516-5410	1.2
	65	2 1/2	16 x 10 mm	R32	B158-6516-5410	1.6

Technical Specifications of Coupling Sleeve

- Type: Middle stop and reduction
- Thread connection type: R32 and T38
- Length: 160 mm, 170 mm, 190 mm
- Diameter: 45 mm, 55 mm
- Material: Forged high-strength alloy steel
- Manufacturing process: Full carburizing heat treatment
- Weight: 1.1 kg to 2.0 kg

Coupling sleeve	L (mm)	L (inch)	D (mm)	D (inch)	Thread	Order number	Weight (kg)
Middle stop 	160	6 1/4	45	1 47/64	R32, R32	B302-4516-5454	1.1
Reduction 	170	6 3/4	55	2 5/32	R32, R38	B303-5517-5456	1.7
	190	7 1/2	55	2 5/32	R32, T38	B303-5519-5476	2.0