

## **R32 threaded retrac button bit for long hole drilling**

The retrac button bit features special grooves or a unique shape, making it easier to retrieve the bit by reversing or pulling back when it encounters resistance in the borehole wall, thus reducing the risk of jamming.

### **R32 Threaded Button Bit Overview**

The retrac button bit is typically used in complex formations or in situations that require frequent bit changes.


The R32 threaded button bit is made from high-strength alloy steel through precision forging and full carburizing heat treatment, resulting in a hard and wear-resistant surface while maintaining a tough, shock-absorbing core. This dual-phase structure provides excellent fatigue resistance and durability, ensuring stable performance even under high-frequency impact loads.


It is available in two types: flat button and retrac button.



## Technical Specifications of R32 Threaded Button Bit

- **Thread connection:** 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:** Button shape
- **Specifications:** Flat and retrac button
- **Diameter options:** 51 mm, 54 mm, and 57 mm
- **Gauge angle:** 35 degrees
- **Gauge buttons:** 6×10 and 6×11
- **Center buttons:** 3×9 and 3×10
- **Weight:** From 1.1 kg to 1.2 kg

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 9 mm	35 degree	R32	B173-5109-5465	1.1
	54	2 1/16	6 x 11 mm	3 x 10 mm	35 degree	R32	B173-5409-5465	1.1
	57	2 1/4	6 x 11 mm	3 x 10 mm	35 degree	R32	B173-5709-5465	1.2
Button, flat, retrac	51	2	6 x 10 mm	3 x 9 mm	30 degree	R32	B174-5109-5403	1.0

Thread bit, Button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	54	2 1/16	6 x 10 mm	3 x 9 mm	30 degree	R32	B174-5409-5403	1.1
	57	2 1/4	6 x 11 mm	3 x 10 mm	30 degree	R32	B174-5709-5403	1.2