

threaded button bit for light pneumatic rock drilling

This threaded button bit uses an advanced heat-shrinking technology to securely fix the buttons, ensuring uniform holding force and preventing the buttons from loosening or falling off. It also helps maintain borehole verticality and concentrates impact energy directly on the rock.

Threaded Button Bit Overview

The threaded button bit is an independent, replaceable drill bit that connects to various drill rods or shank adapters via its standard thread at the rear end. The head of the button bit is composed of multiple spherical tungsten carbide buttons, which are evenly arranged on the surface of the drill bit.


Technical Specifications of the Threaded Button Bit

- **Connection thread:** R32
- **Head material:** embedded tungsten carbide buttons
- **Bit body material:** high-strength alloy steel
- **Flutes:** distributed along the bit for chip removal and circulation of cooling air or water
- **Head design:** spherical button type



<https://www.beentools.com>

- **Diameter:** 48mm, 51mm, 55mm, and 57mm available
- **Gauge button angle:** 35 degrees
- **Gauge buttons:** 6×10 and 6×11
- **Center buttons:** 3×9 and 3×10
- **Weight:** ranges from 0.9 kg to 1.2 kg

Thread bit, Button	D		Buttons (No x Size,mm)		Gauge button angle	Thread	Order number	Weight kg
	mm	inch	Gauge	Centre				
Button 	48	1 7/8	6 x 10	3 x 9	35 degree	R32	B173-4809-5465	0.9
	51	2	6 x 10	3 x 9		R32	B173-5109-5465	1.1
	55	2 1/6	6 x 11	3 x 9		R32	B173-5409-5465	1.1
	57	2 1/4	6 x 11	3 x 10		R32	B173-5709-5465	1.2