

R35 button cross bit and coupling sleeve for drilling

The R35 button cross bit is made with an alloy steel body, manufactured through precision forging and carburizing heat treatment processes to create a hard and wear-resistant surface.

R35 Threaded Button Bit, R35 Threaded Cross Bit, and Coupling Sleeve Overview

This page mainly introduces the R35 threaded button bit, R35 threaded cross bit, and coupling sleeve, which are widely used in the drilling tools of tunneling jumbo drilling rigs.


Technical Information of R35 Threaded Button Bit


- Connection thread: R35
- Head material: Tungsten carbide
- Bit body material: High-strength alloy steel
- Slag grooves: Distributed along the bit for chip removal and cooling
- Head design: Spherical buttons
- Diameter: 48 mm, 51 mm, 54 mm, etc.
- Gauge button angle: 30 degree and 35 degree

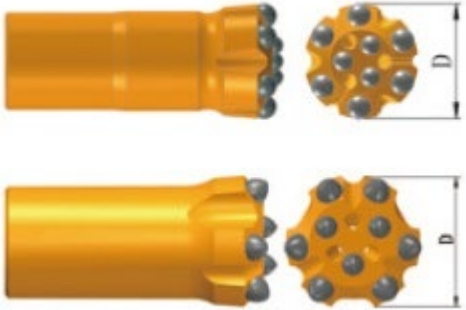


- Gauge buttons: 5×11 mm, 5×12 mm, 6×10 mm, etc.
- Center buttons: 2×9 mm, 2×10 mm, 3×9 mm, etc.
- Weight: 0.8 kg to 1.2 kg
- Head manufacturing process: Hot-melt inlay technology
- Other manufacturing processes: Full carburizing heat treatment, high-frequency treatment, and phosphating process

Thread bit, button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
Button	48	1 7/8	5 x 11 mm	2 x 9 mm	35 degree	R35	B173- 4807- 5505	0.8

Thread bit, button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	51	2	5 x 12 mm	2 x 10 mm	35 degree	R35	B173- 5107- 5505	1.0
Button	48	1 7/8	5 x 11 mm	2 x 9 mm	35 degree	R35	B173- 4807- 5565	0.8

Thread bit, button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	51	2	5 x 12 mm	2 x 10 mm	35 degree	R35	B173- 5107- 5565	1.0
Button	48	1 7/8	6 x 10 mm	3 x 9 mm	30 degree	R35	B173- 4809- 5503	0.8

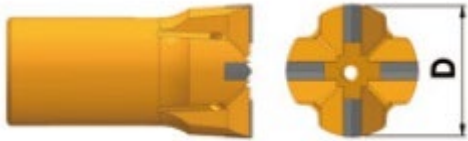
Thread bit, button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	51	2	6 x 10 mm	3 x 9 mm	35 degree	R35	B173- 5109- 5505	1.0
	54	2 1/5	6 x 11 mm	3 x 9 mm	30 degree	R35	B173- 5409- 5503	1.2

Thread bit, button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	48	1 7/8	6 x 10 mm	3 x 9 mm	30 degree	R35	B173- 4809- 5563	0.9
	51	2	6 x 10 mm	3 x 9 mm	35 degree	R35	B173- 5109- 5565	1.0

Thread bit, button	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
	48	1 7/8	6 x 10 mm	3 x 9 mm	30 degree	R35	B173- 4809- 5543	0.9

Technical Information of R35 Threaded Cross Drill Bit

- Connection thread: R35
- Head material: Embedded tungsten carbide buttons
- Bit body material: High-strength alloy steel
- Slag grooves: Distributed along the bit for discharging waste and coolant
- Head design: Cross shape
- HxT: 12×8 mm
- Diameter: 48 mm
- Weight: 1.0 kg

Thread bit, Insert	D (mm)	D (inch)	Insert H x T	Thread	Order number	Weight (kg)
<p data-bbox="208 475 304 507">Cross</p> 	48	1 7/8	12 x 8 mm	R35	B158-4812-5510	1.0

Technical Information of R38 Coupling Sleeve

- Specification: Middle stop
- Thread connection type: T38 and T38
- Length: 190 mm
- Diameter: 55 mm
- Material: Forged high-strength alloy steel
- Manufacturing process: Full carburizing heat treatment
- Weight: 2.0 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

Coupling sleeve	L (mm)	L (inch)	D (mm)	D (inch)	Thread	Order number	Weight (kg)
