

12 degree tapered chisel bit for light rock drilling tools

This series of tapered drill bits is suitable for rail-mounted pneumatic rock drilling machines and is designed for lightweight drilling applications such as mine anchoring holes and blast holes.

Tapered Drill Bit Construction

The head and steel body of the tapered drill bit are integrally forged.

Drill Bit Types

Chisel-Type Drill Bit

The chisel-type drill bit can achieve precise drilling in hard rock, with cutting edges designed to penetrate the rock and create holes of the required diameter and depth.

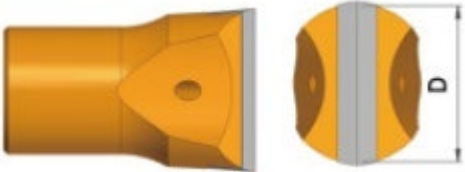
Cross-Type Drill Bit

The cross-type drill bit is suitable for medium to hard rock.

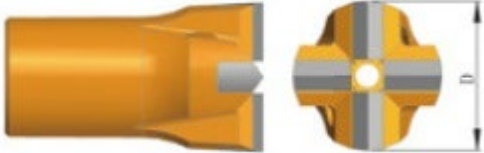


Technical Specifications

- **Taper:** 7 degree, 11 degree, and 12 degree are available
- **Head material:** embedded tungsten carbide inserts
- **Bit body material:** high-strength alloy steel
- **Flutes:** arranged straight or spirally along the drill bit for chip removal and air or water circulation for cooling
- **Head design:** chisel type and cross type available
- **Connection type:** tapered
- **Diameter:** 38mm, 40mm, 42mm, 45mm, and 50mm available
- **Weight:** ranges from 0.3 kg to 0.5 kg

Taper bit、 Insert	D		Insert H x T	Taper	Order number	Weight kg
	mm	inch				
Chisel 	38	1 1/2	13 x 9 mm	7 degree	B118-3813-2710	0.3
			15 x 10 mm		B118-3815-2710	0.3
			17 x 10 mm		B118-3817-2710	0.4
	40	1 9/16	13 x 9 mm	7 degree	B118-4013-2710	0.3

Taper bit、 Insert	D		Insert H x T	Taper	Order number	Weight kg
	mm	inch				
			15 x 10 mm		B118-4015-2710	0.4
			17 x 10 mm		B118-4017-2710	0.4
	42	1 5/8	15 x 10 mm	7 degree	B118-4215-2710	0.4

Taper bit、 Insert	D		Insert H x T	Taper	Order number	Weight kg
	mm	inch				
Cross 	38	1 1/2	12 x 8 mm	7 degree	B128-3812-2710	0.4
	40	1 9/16	12 x 8 mm		B128-4012-2710	0.4
	42	1 5/8	12 x 8 mm		B128-4212-2710	0.4
	45	1 3/4	12 x 8 mm		B128-4512-5710	0.5

Taper bit、 Insert	D		Insert H x T	Taper	Order number	Weight kg
	mm	inch				
	50	1 31/32	12 x 10 mm		B128-5012-5710	0.5
	38	1 1/2	12 x 8 mm	12 degree	B128-3812-2210	0.4
	40	1 9/16	12 x 8 mm		B128-4012-2210	0.5
	38	1 1/2	12 x 8 mm	11 degree	B128-3812-2110	0.4

Taper bit、 Insert	D		Insert H x T	Taper	Order number	Weight kg
	mm	inch				
	40	1 9/16	12 x 8 mm		B128-4012-2110	0.5