

Tungsten Carbide Tapered Chisel Drill Bit

Taper chisel bits are suitable for mining black metal ores, nonferrous metal ores, marble, and granite. Drilling depth typically reaches 15m-18m with hardness grade F8-14.



ADDITIONAL IMAGES



Product Overview



High-Performance Tapered Chisel Bits

These tungsten carbide tapered chisel bits are engineered for demanding mining and rock drilling applications, specifically designed for black metal mines, nonferrous metal mines, and stone quarrying. Manufactured from high-grade hard alloy and special steel, they offer exceptional drilling performance and a long service life when paired with light-duty rock drills. They are ideal for drilling holes up to 50mm in diameter across various geological conditions, including marble and granite.

Technical Specifications



Key Performance Metrics

18 m

Max Drilling Depth

50 mm

Max Hole Diameter

14 F

Max Hardness Grade

Socket Inside Diameters

- 15
- 19
- 22
- 25

Diameter Range

20mm - 60mm

Available Taper Angles

4°, 6°, 7°, 11°, 12°

Material & Construction



Construction Features

- Hot-pressed carbide buttons
- Available in long skirt
- Available in short skirt
- Precision-engineered tips

Materials

Tungsten Carbide, Grade Hard Alloy, Special Steel

Applications



Mining Applications

- Black metal mines (Iron, Manganese)
- Nonferrous metal mines (Gold, Silver, Copper)
- Marble and Granite quarrying
- Geological exploration

Industrial Sectors

Metallurgy • Water Conservancy • Tunneling • Construction • National Defence

Sizing Table

Standard Dimensions

Diameter (mm)	Length (mm)	Weight (kg)
20	65	0.15
22	65	0.18
23	65	0.2