

## Coal machinery and accessories



### Shandong Rock mine drilling tools co,.LTD

We take special care in the manufacturing process to ensure that the cemented tungsten carbide in Rock mine's tools will meet our customers' demanding needs. The tungsten carbide is processed through a proprietary method to maximize its strengths and brazing properties. A special brazing/heat treatment bonds the tungsten carbide to high-grade alloy steel to ensure the hardness of the steel – and the superior performance of these tools in the field.

Our drill bits use unique carbide grades developed through years of experience and testing. We use the most appropriate grade in combination with concentric and eccentric geometries, along with positive and negative rake angles, to provide differing drilling capabilities for any application. Drill bit bodies utilise compound curve designs to maximise cutting efficiencies and cuttings removal.

- Incorporating high-grade alloy steel
- Forged drive ends, for the best material flow and integrity
- CNC machining of threads, ensuring the highest tolerances
- Heat treatment, ensuring the highest strength
- Straightening and rust protection, processes ensuring the best quality product

## DRILL BITS

TWO WING  
POSITIVE RAKE BIT



TWO WING  
NEGATIVE RAKE BIT



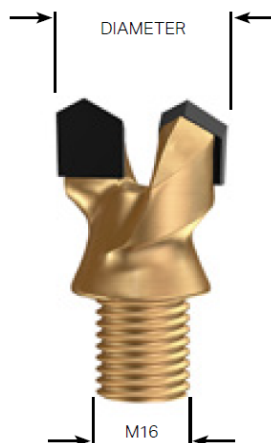
MODIFIED SPADE BIT



FULL SPADE BIT



### TWO WING POSITIVE RAKE DRILL BIT

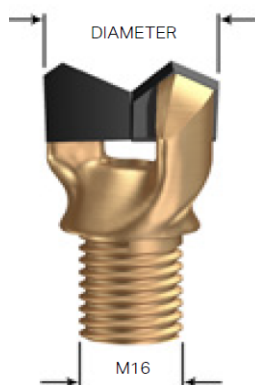


#### FEATURES:

- 16 mm thread
- Two wing eccentric design in combination with positive cutting rake gives the most aggressive cutting action
- Typically used for fast drilling of soft materials

Part Number	Cutting Diameter	Thread Size
D2MB-1627-9739	27 mm	16 mm

### TESS TWO WING DRILL BIT

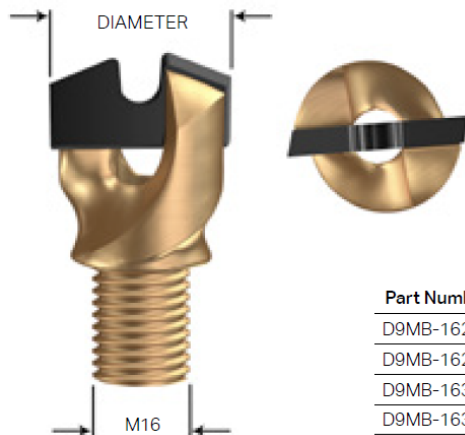


#### FEATURES:

- 16 mm thread
- Two wing, negative rake eccentric design ensures efficient cutting
- Tips meet in the middle of the bit to minimize risk of mesh entanglement

Part Number	Cutting Diameter	Thread Size
D4MB-1627-9255	27 mm	16 mm
D4MB-1628-9255	28 mm	16 mm

## MODIFIED SPADE DRILL BIT

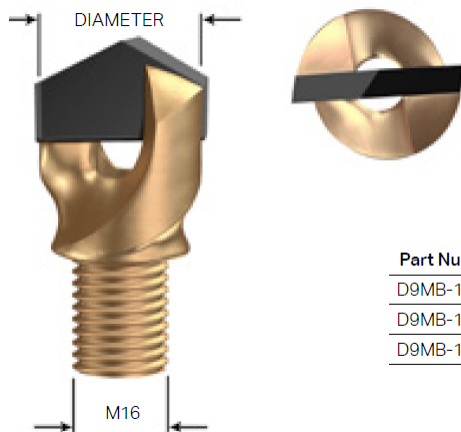


### FEATURES:

- 16 mm thread
- Notched tip gives strength of one-piece carbide, plus faster drilling than full spade
- Good general-purpose bit

Part Number	Cutting Diameter	Thread Size
D9MB-1627-2871	27 mm	16 mm
D9MB-1628-2871	28 mm	16 mm
D9MB-1635-2855	35 mm	16 mm
D9MB-1638-2871	38 mm	16 mm

## SPADE DRILL BIT

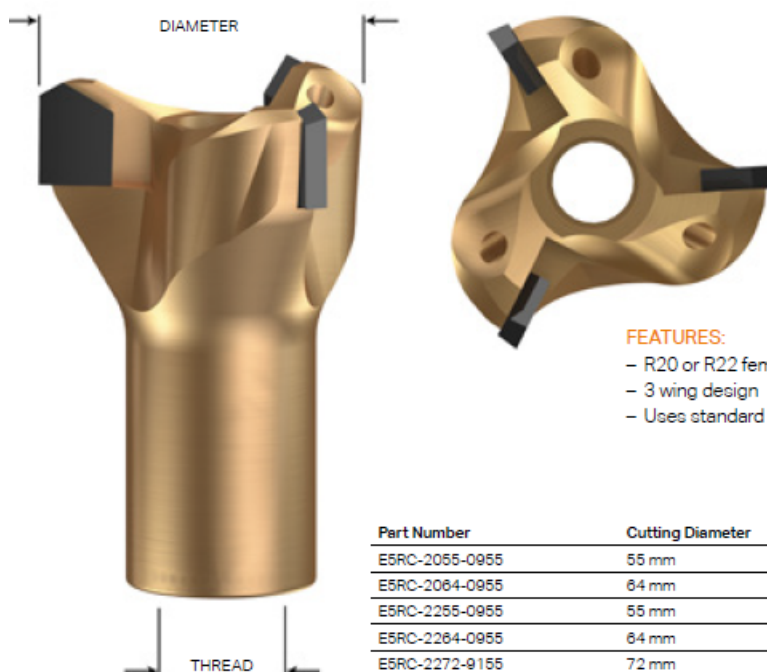


### FEATURES:

- 16 mm thread
- Strongest design roof bit
- Typically used in hard drilling conditions

Part Number	Cutting Diameter	Thread Size
D9MB-1627-2971	27 mm	16 mm
D9MB-1628-2971	28 mm	16 mm
D9MB-1629-2971	29 mm	16 mm

## 3 WING REAMER BIT

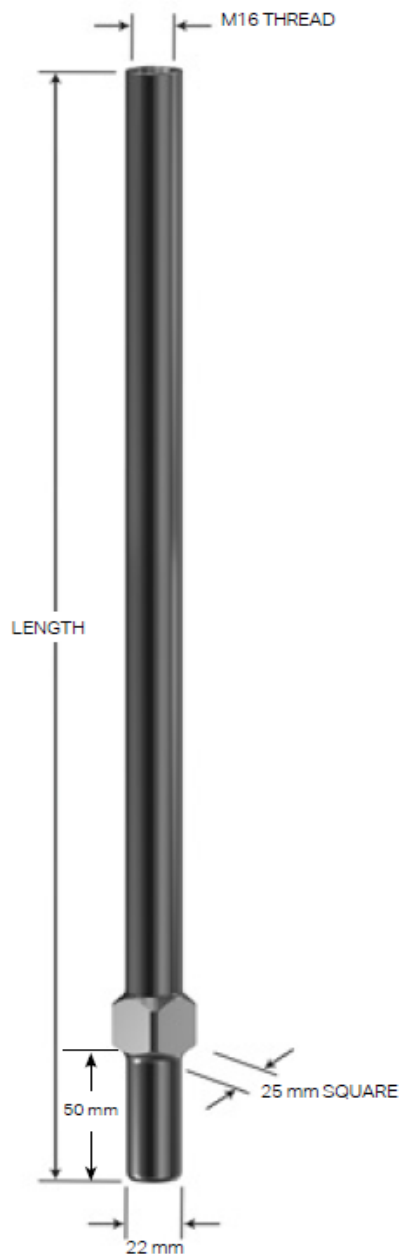


### FEATURES:

- R20 or R22 female rope thread
- 3 wing design
- Uses standard M16 roof bit as a pilot

Part Number	Cutting Diameter	Thread Size
E5RC-2055-0955	55 mm	R20
E5RC-2064-0955	64 mm	R20
E5RC-2255-0955	55 mm	R22
E5RC-2264-0955	64 mm	R22
E5RC-2272-9155	72 mm	R22

## ROUND DRILL ROD



### FEATURES:

- 22 mm diameter
- 25 mm male square drive end × M16 female bit end
- 12 mm flushing hole through rod minimizes the risk of blockage

### RODS

Part Number	Length
22R/7/0600/6	600 mm
22R/7/0900/6	900 mm
22R/7/1250/6	1250 mm
22R/7/1550/6	1550 mm
22R/7/1850/6	1850 mm
22R/7/2150/6	2150 mm
22R/7/2450/6	2450 mm

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