

Rock Drill Bits



Effective use by new technology and know-how
 Cost-effective
 Fast drilling, aggressive
 Steering up to 10% / 3 m in soft rock
 No extra parts necessary

| Type [Inch] | Cutting size [mm] | Suitable for machine type | Connection | Chisel type |
|-------------|-------------------|---|-------------|------------------------|
| 4" | 100 | JT 1720 - JT 2020M1 D16x20 | 2 3/8" reg. | R 17AT |
| 4 1/2" | 115 | JT 2020M1 - JT 2720 D20x22 - D24x33 | 2 3/8" reg. | R 19AT |
| 5" | 125 | JT 2720M1 - JT 3020M1 D24x40 - D36x50 | 2 3/8" reg. | R 22AT- S R 22AT- H |
| 5 1/2" | 135 | JT 4020, JT 4020M1 D50x100 | 2 7/8" reg. | R 24AT- S R 24AT- H |
| 6" | 150 | D50x100, D80x100/120 | 2 7/8" reg. | R 25AT- S R 25AT- H |
| 6 1/4" | 160 | JT 4020M1 D80x100/120 | 2 7/8" reg. | R 25AT- H |
| 7" | 175 | JT 7020M1 - JT100 PD32, PD50 D100x120 | 3 1/2" reg. | R 30AT- S |
| | | | 3 1/2" IF | |

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The design and development of reliable and fit for purpose drilling tools has seen enormous strides by HMI to provide a comprehensive range of PDC drill bits to the market.

With in-house design capabilities utilising 3D modelling, in house machining capabilities and a drive to listen to the clients requirements.

Together with our PDC cutter supplier, we have the ability to engineer a tool to meet the exacting demands of either HDD or vertical drilling. Gauge protection can be offered in either tungsten carbide or diamond, the body construction in either steel or Matrix (Sintered Tungsten carbide alloys), a variety of design, blade/wing configurations, cutter sizes and thread sizes.

We supply PDC bits from 42mm up to 17.5 inches, with steel body hole openers up to 24 inches manufactured in house. Our team looks forward to discussing your specific requirements with you.

