



麦林迈特

一体钻 Integrated drill

麦林迈特科技（厦门）有限公司

Mailinmaite Technology (Xiamen) Co., Ltd



产品系列1:PDC无芯钻头

麦林迈特 Product Series 1: PDC Coreless Drill Bits

用途:用于地质勘探孔、瓦斯抽放孔、探放水孔、注浆孔的钻进。

特点:切削自由面多、刀口锋利、具有自锐功能、钻进效率高。根据地层特点, 选配不同的唇面结构, 钻头适应性强;纯钻时间利用率高, 辅助时间短, 有效降低工人劳动强度, 综合效益好。

规格:中56mm-中153mm

Applications: Used for drilling geological exploration holes, gas drainage holes, water exploration holes, grouting holes.

Features Many free cutting surfaces, sharp edges, with self-sharpening function and high drilling efficiency. According to the geological characteristics of different rock layers, different lip structures can be selected to make the drill adaptable. High utilization rate of pure drilling time and short auxiliary time can effectively reduce the labor intensity of workers and create good comprehensive benefits.

Size:056mm-0153mm





产品系列2:PDC取芯钻头

麦林迈特 Product Series 2: PDC Core Drill Bits

用途:为地质和工程研究钻取岩(煤)样, 以提供可靠的数据。

特点:耐磨性强, 抗冲击, 效率高。

规格:中65mm-中153mm

Applications: Drilling rock (coal) samples for geological and engineering studies to provide reliable data.

Features: Strong wear resistance, strong impact resistance, high efficiency.

Specifications: o65mm-0153mm





产品系列3:PDC锚杆钻头

麦林迈特 Product Series 3: PDC Anchor Drill Bits

用途:适用于矿山、交通、水电等部门锚网支护岩石孔的钻进。

特点:耐磨性强, 抗冲击, 效率高。

适用岩性: $f \leq 18$ 的岩层

规格:25mm-042mm

Applications Suitable for mining, transportation, hydropower and drillings of other departments' rock holes of anchor mesh support.

Features: Strong wear resistance, strong impact resistance, high efficiency.

Applicable Lithology: Rock layers of $f \leq 18$

Specifications: 025mm-042mm





参数表

麦林迈特 Parameter Table

岩石种类、硬度、等级、研磨性参考表

等级 Grade	岩石种类 Rock Type	硬度 Hardness	研磨性 Abrasiveness
1	泥岩 Mudstone 软页岩 Soft Shale 凝灰岩 Tuff 石膏 Gypsum	软 Soft	中强 Medium Strong
2	砂岩 Sandstone 松散砂岩 Loose Sandstone 页岩 Shale		
3	盐、冰冻的土壤 Salt, Frozen Soil 冰 Ice 中硬石灰岩 Medium-hard Limestone 软砂岩 Soft Sandstone 砂质页岩 Sandy Shale	中软 Medium Soft	高强 Very Strong
4	粘板岩 Gluestone 砂质石灰岩 Sandy Limestone 软质片岩 Soft Schist		
5	中硬砂岩 Medium-hard Sandstone 粉砂岩 Siltstone 沉积层矿床 Sedimentary Deposit 石灰岩 Limestone 硬页岩 Hard Shale	中硬 Medium Hard	中强 Medium Strong
6	中硬石灰岩 Medium-hard Limestone 硬石灰岩 Hard Limestone 蛇纹岩 Serpentine		
7	片岩 Schrist 白云灰岩 Dolomitic Limestone 硅质石灰岩 Siliceous Limestone 安山岩 Andesite		
8	硬质片岩 Hard Schist 云母片岩 Mica Schist 大理岩、黑花岗岩 Marble, Black Granite 白云 Dolomite 辉绿岩 Diabase		
9	结晶花岗岩 Crystalline Granite 赤铁矿 Hematite 磁铁矿 Magnetite	硬 Hard	中弱 Medium Weak
10	变质片岩 Metamorphic Schist 片麻岩 Gneiss 花岗岩 Granite 长英麻粒岩 Granulite 玄武岩、闪长岩 Basalt, Diorite		
11	辉长岩 Gabbro 斑岩 Porphyry 流纹岩 Rhyolite 粗面岩 Trachyte 砾岩 Conglomerate	很硬 Very Hard	
12	铁燧岩Taconite 硬质砂岩Hard sandstone 石英岩Quartzite 黄铁矿Pyrite 带状赤铁矿硅质岩Banded hematite siliceous rock	特别硬 Ultra Hard	弱 Weak

钻进规程参数

钻头直径 (mm) Drill Diameter/mm	钻压 (kN) Drill Pressure/kN	转速 (rpm) Rotating Speed/rpm	泵量 (L/min) Pump Volume/(L/min)
Φ25-32	4-6	805-900	40-60
Φ42	6-8	300-500	80-150
Φ75	4.8-12	200-300	150-200
Φ94	6.4-16	150-250	200-250
Φ113	8.8-22	120-200	200-300
Φ133	15-30	100-200	500-850
Φ190	18-44	100-150	600-1200



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