



Drill Bit Series

SCRAPER DRILL BITS

Equipped with polycrystalline diamond compact (PDC), the drag bit combines the high hardness of diamond and the impact resistance of cemented carbide, with 3-6 wings. Suitable for soft formations such as clay, shale, and gypsum layers, it crushes rocks through rotational cutting in petroleum, natural gas drilling and geological exploration, featuring fast drilling speed.



Reinforced 120mm



Reinforced 193mm

PRODUCT PARAMETERS

Specification	Drilling Pressure (Kg)	Rotational Speed (rpm)	Pump Flow (l/min)	Wear Ratio (*10,000)	Impact Resistance (J)	Applicable Formation		
						Ordinary Type	Reinforced Type	High-Strength Type
Φ75	480-1200	200-300	150-200	>100	>43	F8-F10	F10-F12	Above F12
Φ94	640-1600	150-250	200-250	>100	>43	F8-F10	F10-F12	Above F12
Φ113	880-2200	120-200	200-300	>120	>60	F8-F10	F10-F12	Above F12
Φ133	1500-3000	100-200	500-850	>120	>60	F8-F10	F10-F12	Above F12
Φ153	1500-3000	100-200	500-850	>120	>60	F8-F10	F10-F12	Above F12
Φ173	1800-4000	100-200	600-1200	>120	>60	F8-F10	F10-F12	Above F12
Φ193	1800-4000	100-200	600-1200	>120	>60	F8-F10	F10-F12	Above F12