

Drill Bit Series

PDC REAMING DRILL BIT

PDC reaming drill bits are available in diameter specifications ranging from $\phi 98\text{mm}$ to $\phi 270\text{mm}$, with three strength grades: ordinary, reinforced, and high-strength. Compatible with cable-passing drill pipes, they have a pump flow rate of 120 - 1500 l/min. Suitable for coalfield, petroleum drilling and other fields, they are used for reaming in soft to medium-hard formations (Grade 4-8) with high efficiency and long service life.



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
$\phi 75$	480-1200	200-300	150-200	>100	>43	F8-F10	F10-F12	Above F12
$\phi 94$	640-1600	150-250	200-250	>100	>43	F8-F10	F10-F12	Above F12
$\phi 113$	880-2200	120-200	200-300	>120	>60	F8-F10	F10-F12	Above F12
$\phi 133$	1500-3000	100-200	500-850	>120	>60	F8-F10	F10-F12	Above F12
$\phi 153$	1500-3000	100-200	500-850	>120	>60	F8-F10	F10-F12	Above F12
$\phi 173$	1800-4000	100-200	600-1200	>120	>60	F8-F10	F10-F12	Above F12
$\phi 193$	1800-4000	100-200	600-1200	>120	>60	F8-F10	F10-F12	Above F12