



Drill Bit Series

PDC GEOLOGICAL CORING DRILL BIT

The common diameters of PDC coring drill bits include $\Phi 75$, $\Phi 94$, $\Phi 113$, $\Phi 133$, $\Phi 153$ mm, etc. The cutting teeth are mostly high-quality diamond compact, divided into specifications such as 1304 and 1308. The number of cutter wings ranges from 5 to 16, suitable for soft to medium-hard stratum with $f \leq 14$.



5-WING



6-WING



5-WING

PRODUCT PARAMETERS

Specification	Drilling Pressure (Kg)	Rotational Speed (rpm)	Pump Flow (l/min)	Wear Ratio (*10000)	Impact Resistance (J)	Applicable Stratum		
						Ordinary Type	Reinforced Type	Super Strong Type
$\Phi 55$	320-800	250-350	130-180	>100	>45	F8-F10	F10-F12	Above F12
$\Phi 65$	480-1200	200-300	130-180	>100	>43	F8-F10	F10-F12	Above F12
$\Phi 75$	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