

PDC Drill Bits (Polycrystalline Diamond Compact Bit)

A PDC insert is a tough man-made material that equals the hardness of a natural diamond and is three times the hardness of tungsten carbide. This allows it to maintain a durable, sharp edge that, when rotating and pushed into a rock formation with modest weight on drill bits - particularly when compared to tricone rock roller bits, the PDC will continually scrape at the surface to cut material



It is an ideal drill bit to use in sandstones limestones and in the transition from heavily weathered crystalline rocks into the consolidated fresh underlying rock to drill pockets to set surface casing to allow drilling to switch to compressed air and DTH down The Hole hammer and percussive button bit.

PDC bits can be used with drill mud circulation in unstable water saturated formations or with compressed air if the formation is stable

Drill Bits diameter		PDC 1308 inserts		Gauge pins		Blade wings	Weight
mm	Inch	mm	Qty.	mm	Qty.	Qty.	Kg.
150	5 7/8	13.3	25	8	20	4	12.7
200	7 7/8	13.3	31	8	28	4	32.8
225	8 7/8	13.3	36	8	24	4	41.5
250	9 7/8	13.3	41	8	28	4	47.7
300	11 7/8	13.3	50	8	36	6	77

- Manufactured from a single piece of metal. seamless welding
- PDC blade 1308 inserts are made of artificial diamonds.
- 4 water outlet holes, size 25 mm (6 holes for size 300 mm)
- Thread end to male drill rod, standard size 3 1/2" API REG

