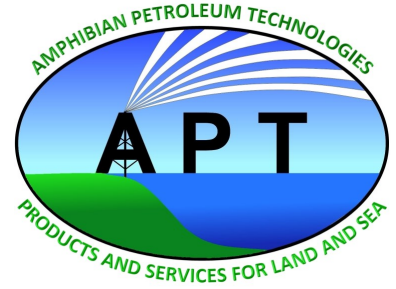


# Drill Bit



## BIT TECHNOLOGY

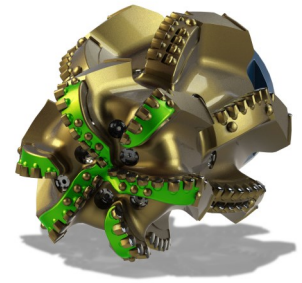
APT bits are designed to meet different drilling conditions. Our bits improve ROP by reducing cutting size and increasing the rate of returns to the surface.



**CORE**



**PDC**



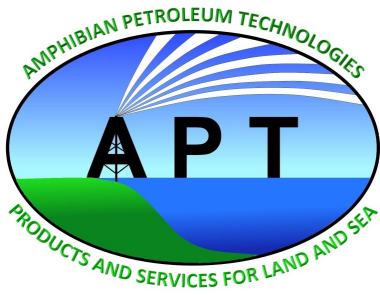
**CUSTOM**



**CONSTRUCTION**



**ROCK**



# Drill Bit



Bit Size	Product Specification				Recommended Drilling Parameters			The use of formation
	Primary Cutter Size ( mm )	Gauge Length ( in )	Nozzle Qty/ Type	API Pin Size	WOB ( KN )	Rotary Speed ( r/min )	Flow Rate ( L/S )	
4 5/8-5	8~13.4	1.0~1.5	4P+2X	2 7/8REG	10~50	50~200	6~15	Sandstone layer containing soft to hard thin gravel or abrasive high
6	13.4~16	1.0~1.5	4P+2X	3 1/2REG	10~100	50~280	8~25	
8 1/2-8 3/4	16~19	2.0~2.5	3P+1G+1X	4 1/2REG	30~120	80~800	25~38	
9 1/2	19	2.0~3.0	3P+1G+1X	6 5/8REG	30~140	80~800	25~48	
12 1/4	19	2.5~3.5	3P+1G+1X	6 5/8REG	50~150	80~800	30~70	
16	19	2.5~3.5	3P+1G+1X	7 5/8REG	30~280	80~600	44~90	
17 1/2	19	2.5~3.5	3P+1G+1X	7 5/8REG	50~280	80~600	44~90	
26	19	2.5~3.5	3P+1G+1X	7 5/8REG	50~280	80~600	44~90	

Bit Size	Product Specification				Recommended Drilling Parameters			The use of formation
	Primary Cutter Size ( mm )	Gauge Length ( in )	Nozzle Qty/ Type	API Pin Size	WOB ( KN )	Rotary Speed ( r/min )	Flow Rate ( L/S )	
6	13.4~16	1.0~1.5	5P+2X	3 1/2REG	10~120	50~280	8~25	Medium hard- hard sandstone, limestone, hard mudstones, shale
8 1/2-8 3/4	16~19	2.0~2.5	4P+1G+2X	4 1/2REG	30~140	80~800	25~38	
9 1/2	19	2.0~3.0	4P+1G+2X	6 5/8REG	30~160	80~800	25~48	
12 1/4	19	2.5~3.5	4P+1G+2X	6 5/8REG	50~180	80~800	30~70	

