

PDC Bits

PDC bits acc.To IADC code , changeable nozzles, STEEL body & natural diamond reinforced gauge . as the following :

I - PDC Bits 12 1/4" :

item	Size inch	No. of blades	Dia. Of main cutters mm	Conn pin	Qty
1	12 1/4	7	16	6 5/8 API REG	4
2	12 1/4	5	19	6 5/8 API REG	1
3	12 1/4	Bit breaker			1

Nozzles:

- For item 1 18/32 1 Sets
- For item 2 18/32 1 Sets

Formation: Judea – Hayan – Qamchouka – Butma – Kurachina Anhydrit
Lithology : limestone – dolomitic limestone – dolomite – evaporates
Hardness : soft to medium

II -PDC Bits 8 1/2" :

item	Size inch	No. of blades	Dia. Of main cutters mm	Conn pin	Qty
1	8 1/2	6	16	4 1/2 API REG	4
2	8 1/2	5	19	4 1/2 API REG	1
3	8 1/2	Bit breaker			1

Nozzles:

- For item 1 16/32 1 Sets
- For item 1 18/32 1 Sets
- For item 2 18/32 1 Sets

Item 1:

Formation: Korachina Dolomite – Korachina Anhydrite
Lithology : Dolomite – Shale – Anhydrite
Hardness : medium

Item 2 :

Formation: Chillou – Jaddala – Shiranish

Lithology : marly limestone – limestone

Hardness : soft to medium

III - PDC Bits 5 7/8" :

item	Size inch	No. of blades	Dia. Of main cutters mm	Conn pin	Qty
1	5 7/8"	8	13	3 1/2API REG	2
2	5 7/8"	7	13	3 1/2API REG	2
3	5 7/8"	Bit breaker			1

Nozzles:

- For item 1 16/32 1 Sets
- For item 2 16/32 1 Sets

Formation: Korachina Dolomite – Korachina Anhydrite – Amanous sand

Lithology : Dolomite – Shale – Anhydrite – sand stone

Hardness : medium

REMARKS:

1. all items shall be new, unused and not rebuilt.
2. Complete specification catalog should be supplied with the technical offer.
3. The manufacturer should be one of the qualified companies at SPC, .
4. Technical sheet should be enclosed with the shipment shows operating parameters guide.
5. In addition to CONTRACTOR's inspection program, Bits or parts thereof shall meet inspection requirements as laid down by one of the following institutions: ASTM, ASME, BS, ISO, DIN or other equivalent standards. Bits shall be inspected to ensure that they are not cracked or flawed in any way that may impair their performance or operating life.
6. All thread conn. Should be manufactured according API .