



**modus**  
OMAN DRILLING SYSTEMS



**almas**  
drilling products



# DRILL BITS

We work hard to understand customer needs and work closely together with our customers to find the right material, process, product design and technology that will lead to improved productivity and exceed customer expectations.



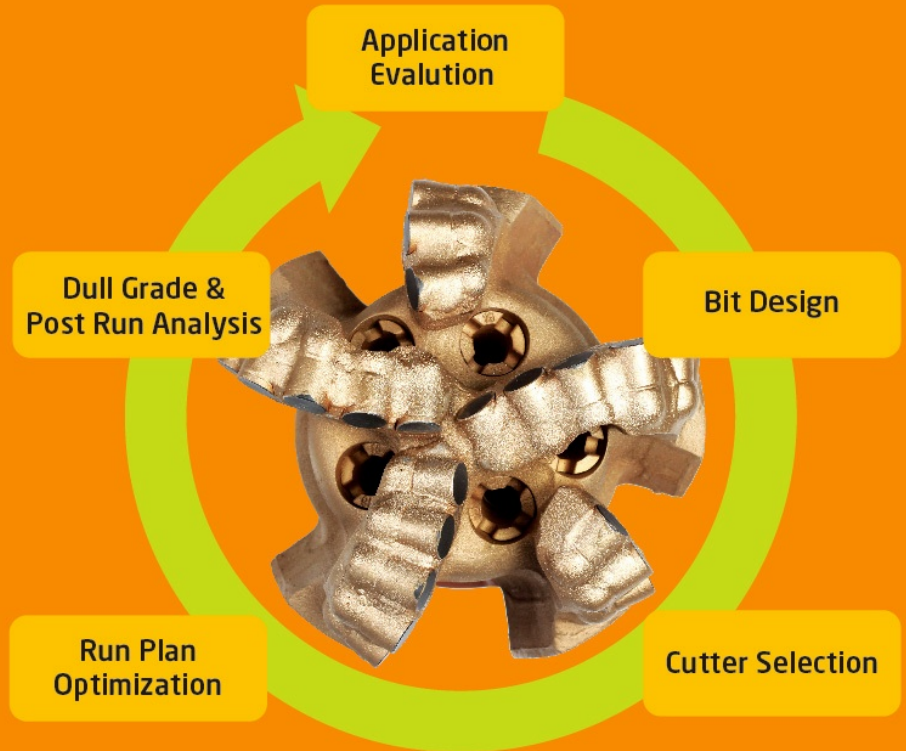
Our Mission is to supply our customers with high-quality; custom made matrix polycrystalline diamond (PDC) drill bits that deliver outstanding performance. Performance Reliability: AI Mas Bits have 130 + years of world-class experience manufacturing fix cutter PDC, Bi-Center PDC, Natural Diamond, and Impregnated bits. Sizes are available up to 17 1/2". Our drill bits are designed with the following considerations:

AI Mas designs stable directional bits producing less torque & stick slip in transitional drilling. The risk of time consuming and costly trips due to vibrations and shocks are greatly reduced, as working condition for the logging tools in the drill string remains optimum



## Cutters & Nozzles

AI Mas provides a full range of mud nozzles for fixed cutter (PDC). Our nozzles are custom-designed to meet stringent customer specifications and our wide grade offering provides long-lasting performance for even the most aggressive applications



<b>A</b>	<b>H</b>	<b>S</b>	<b>5</b>	<b>16</b>	<b>U</b>	<b>U</b>	<b>U</b>
AI Mas Product	Bit Series	Body Material Steel or Matrix	Blade Count	Cutter Size	Feature 1	Feature 2	Feature 3

## PRODUCT LINES

AI Mas provides a full range of fixed cutter bits for various applications

The following product lines are available:

### STEEL

Directional bits with the improved directional response also capable of handling moderate formation changes.

### MATRIX

Directional tungsten carbide cast for improved durability and wear resistance.

### IMPREGNATED

Diamond impregnated matrix bit for rotary speed turbine drilling.