

Fixed Diameter Hole Openers

Fixed Diameter Hole Openers is a common reaming tool, it can be used inland, oversea reaming operation. A drill bit connected with the hole opener can finish drilling and hole opening operation at the same time. Tooth can be different for different formations: SM type for Soft To Medium Formations, Type MH Tooth Type For Medium To Hard Formations, Type XH Conical Button Type For Hard Formations.

The body of Fixed Diameter Hole Opener is made of tough heat treated alloy steel for maximum strength. Cutter arms, equipped with removable cutter, are hard-facing and welded on body. Cutters are available in three types. The hole openers have three or six jet tubes with replaceable nozzles, so that jet streams quickly clean the enlarged hole. Fixed Diameter Hole Opener is used for enlarging the surface hole which drilled by cone bit in advance, or connected above the cone bit. It applies to Onshore and offshore oilfield.

Fixed Diameter Hole Openers Cutters type:

"SM": Soft to medium formation;

"MH": Medium to hard formation;

"XH": Hard formation.

Fixed Diameter Hole Openers Specification

| Hole open diameter | Qty of cutters | Min. Pilot hole | Fishing neck diameter | I.D. | Top Connection (Pin) | Bottom Connection (Box) | Overall length |
|--------------------|----------------|-----------------|-----------------------|--------|----------------------|-------------------------|----------------|
| 12 1/4" | 3 | 8 1/2" | 8" | 1 1/2" | 6 5/8REG | 6 5/8REG | 55" |
| 16" | 3 | 10" | 9 1/2" | 2 1/4" | 7 5/8REG | 6 5/8REG | 59" |
| 17 1/2" | 3 | 10" | 9 1/2" | 2 1/4" | 7 5/8REG | 6 5/8REG | 59" |
| 22" | 3 | 12 3/4" | 9 1/2" | 2 1/3" | 7 5/8REG | 6 5/8REG | 69" |
| 23" | 3 | 12 3/4" | 9 1/2" | 3" | 7 5/8REG | 6 5/8REG | 69" |
| 24" | 3 | 14" | 10" | 3" | 7 5/8REG | 7 5/8REG | 69" |
| 26" | 3 | 17 1/2" | 10" | 3" | 7 5/8REG | 7 5/8REG | 69" |
| 36" | 4 | 26" | 10" | 3 1/2" | 7 5/8REG | 7 5/8REG | 87" |