

HOLE OPENERS

Parveen Hole Openers are used for expanding the drilled hole. The cutters are manufactured under the severe quality control and state of the art technology developed by Parveen. This will help the drillers to effectively achieve their purposes.

They are used for the following purposes.

1. When drilling of the big hole is not possible because of the rig capacity.
2. When a satisfied penetration rate is not obtained in case of the big hole drilling, it is used after drilling with smaller bit.
3. When the hole direction must be controlled.

Several types of the cutter are made available for various formations to be drilled, such as soft, medium and medium hard formations.

For soft to medium and abrasive hard formations, the cutters with tungsten carbide tips are also available.



Hole Size	Pilot Hole	Standard Fishing Nick O.D	Thread Type	
			Upper	Lower
7-5/8	5-5/8	5-1/2~6	4-1/2 REG	3-1/2 REG
8-1/2	5-5/8	5-1/2~6	4-1/2 REG	3-1/2 REG
10-5/8	7-5/8	8	6-5/8 REG	4-1/2 REG
12-1/4	8-1/2	8	6-5/8 REG	4-1/2 REG
14-3/4	10-5/8	8~9-1/2	6-5/8 REG	6-5/8 REG
17	10-5/8	8~9-1/2	6-5/8 REG	6-5/8 REG
17-1/2	10-5/8	8~9-1/2	6-5/8 REG	6-5/8 REG
20	15	8~9-1/2	6-5/8 or 7-5/8 REG	7-5/8 REG
24	15	8~9-1/2	6-5/8 or 7-5/8 REG	7-5/8 REG
26	15	8~9-1/2	6-5/8 or 7-5/8 REG	7-5/8 REG
36	26	9-1/2~10-1/2	7-5/8 or 8-5/8 REG	8-5/8 REG
42	26	9-1/2~10-1/2	7-5/8 or 8-5/8 REG	8-5/8 REG

Ordering Information

- Parveen can furnish Standard Hole Openers for hole sizes from 5 7/8” through 26”.
- Please specify hole size and connection (size, type and location of pin and box). If 6-nozzle, please specify nozzle size and location (pockets and or wings). Bodies with 6 nozzle availability are designated with a “J6” after model type.
- When ordering cutters, please specify type, model number of hole opener body and hole size to be drilled.
- The pilot, rock bit or bull nose, should be ordered separately. If bull nose, specify spiral, plain or side-hill type, and with or without circulation..

Advantages

- Integral bodies for strength.
- Interchangeable cutters allow changing of the cutter assemblies when worn or when new formations are reached.
- Quick-change cutter assemblies (simple pin removal on the rig floor using only hand tools.)
- Regular circulation, or 6 nozzle (3 cutter pocket, 3 wing) circulation for optimizing available hydraulics.
- Snap-ring nozzle retention for easy disassembly. Rock bit or bull-nose pilot equipment available.



Type S:
Tooth type
for soft
formations.



Type M:
Tooth type
for medium
formations.



Type H:
Tooth type for
medium hard
formations



Type S6:
Insert type for
soft to medium
formations



Type H8:
Insert type for
hard abrasive
formations.

CUSTOM HOLE OPENERS



Parveen's Custom Hole Openers are designed to handle big-hole drilling projects, offshore well conductor holes, and other drilling needs where speed and reliability are important.

Advantages:

- Quick-change hole opener cutter assemblies to allow fast, easy changes on the rig floor using hand tools. Simply pull retaining pin, loosen the eccentric lock, remove the main pin, and remove cutter from its saddle. Reverse these procedures for cutter installation.
- Custom Hole Opener cutters and saddles fit all sizes of Custom Hole Openers bodies.
- High-velocity jet circulation for efficient hole cleaning and longer cutter life.

Standard rock bit nozzles can be changed quickly and easily for matching particular pump capacities or hydraulics programs.

Ordering Information:

Parveen can furnish Custom Hole Openers for standard hole sizes from 26" through 42" (Larger or non-standard hole sizes can be manufactured on request.)

Please specify hole size, and length of fishing neck.

When ordering cutters, please specify type of cutter required. All have sealed bearings.



Type S : Tooth type for soft formations.



Type MG : Tooth type for medium to hard formations. Carbide inserts for gage protection.



Type H8 : Insert type for hard formations.



Type H10 : Insert type for extremely hard abrasive formations



Saddles: Saddle design allows for easy installation of cutters.