



PARVEEN FISHING MAGNETS

Introduction

This special purpose fishing tool have been developed for retrieving non -drillable magnetic objects dropped into a well bore and which cannot be retrieved by other fishing methods. Magnet fishing technique, possibly the simplest of fishing method, is indispensable accessory for drilling/ workover operations. The magnetic pull can be varied within a limited range in the same size of fishing magnet if the requirement is clearly specified.

Circulation Ports

The minimum circulation hole through any magnet is minimum 100% of the circulation area through the drill string of the same size as the end connection.

Operation

Depending on the service requirement the fishing magnets may be used on drill pipe, tubing or wireline. The adaptors used for running magnet with wireline are sucker rod adaptors and rope socket which are available from PARVEEN.

After magnet is assembled with proper guide, run it in the hole. While using with" wireline, circulation cannot be made. While running on drill pipe, lower the magnet approximately within one foot of the fish. Start circulation. If the tool loose weight while lowering, circulation to be continued (slow reciprocation and circulation is necessary to ensure that the magnet is free from obstruction). Engage rotary, apply couple of turns using 5 to 10 times the weight of the tool (not exceeding 10,000 lbs without rotation and 5,000 lbs with rotation).

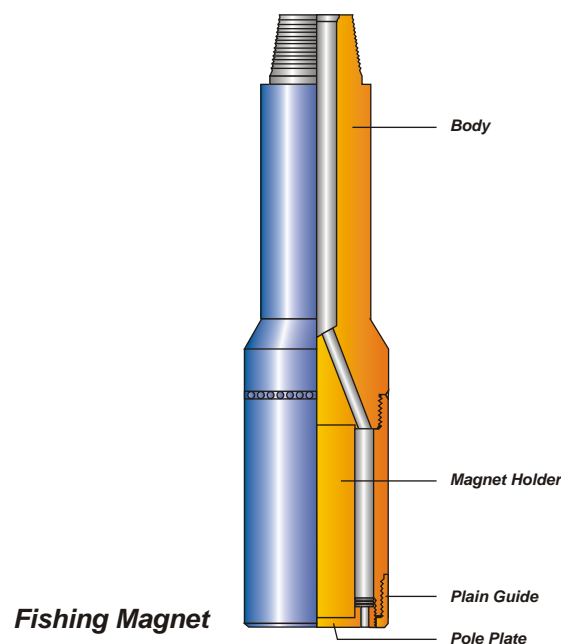
Discontinue circulation and rotation. Lift the tool about 10 feet from bottom. Check the depth and weight. Slowly lower back to bottom. Check depth and weight. If the weight and depths are showing no anomaly turn the rotary 3 to 4 rounds.

Proper use of weight and circulation is the most critical factor in a successful fishing job. An absolute fool proof procedure is still a driller's dream. But experience and judgment is probably the last word in fishing jobs.

1.Flush Guide: As the name signifies, the guide end is flushed with Pole Plate and is used to fish large flat objects.

2.Mill Guide: This type of guide is preferred for fishing small, non-geometrical objects or cleaning the hole from unidentified objects.

3.Lipped Guide: It is special purpose guide to enable the fishing of three or more bit cones lost into the hole. For long objects which are lodged in one part of the hole, this guide is used.





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HOLE SIZE		4-1/4-4-1/2	4-1/2-5	5-1/8-6-1/2	5-5/8-6	6-1/8-6-1/2	6-1/8-6-1/2	6-5/8-7-1/2
SIZE O.D. (IN)		3-1/2	4	4-1/2	5	5-1/2	5-3/4	6
TOP CONNECTION PIN		2-3/8 REG.	2-3/8 REG.	2-7/8 REG.	2-7/8 REG.	3-1/2 REG.	3-1/2 REG.	3-1/2 REG.
APPROX. PULL IN LBS		150-250	250-350	350-450	450-500	500-600	500-600	600-700
COMPLETE ASSEMBLY	PART NO. WEIGHT	FM 3580-00 28	FM 4080-00 45	FM 4581-00 70	FM 5081-00 80	FM 5582-00 100	FM 5782-00 108	FM 6082-00 120

HOLE SIZE		7-5/8-8-1/2	8-5/8-9-3/4	9-7/8-11-7/8	10-1/2-11-7/8	11-3/4-13	12-1/4-14
SIZE O.D. (IN)		7	8	9	10	10-1/2	11-1/2
TOP CONNECTION PIN		4-1/2 REG.	4-1/2 REG.	6-5/8 REG.	6-5/8 REG.	6-5/8 REG.	6-5/8 REG.
APPROX. PULL IN LBS		800-900	1000-1200	1200-1400	1400-1600	1600-1800	1800-2200
COMPLETE ASSEMBLY	PART NO. WEIGHT	FM 7083-00 170	FM 8083-00 210	FM 9084-00 340	FM 0084-00 400	FM 0184-00 440	FM 0284-00 550

HOW TO ORDER :

SPECIFY :

- 1) Name and Number of Assembly.
- 2) SIZE - O.D.
- 3) Top Connection, if other than Standard.