

High Temperature/High Strength Magnet

The High Temperature/High Strength Magnet is used to recover loose ferrous objects from within a well.

Unlike normal magnets, the Peak magnetic insert can withstand prolonged exposure to very high downhole temperatures without losing magnetic strength.

APPLICATIONS

- Recovery of ferrous objects such as parted pulling tool dogs, perforating gun debris, corrosion scale, etc.

FEATURES AND BENEFITS

- Rated for extreme high-temperature
- Suitable for oil and gas environments with high resistance to CO₂ and H₂S
- Ensured recovery of ferrous objects with powerful magnetic insert
- Available in a range of sizes to suit application and well geometry
- Effective conveyance into the well enabled by stainless steel shroud
- Customized magnet designs available

MAGNETIC PERFORMANCE TABLE †

Contact Point	Magnet Assembly OD, in					
	1.750	2.220	2.720	3.500	3.750	4.500
1 5/16-in SR Thread	140 lbm	210 lbm	235 lbm	250 lbm	250 lbm	275 lbm
1 1/4-in SR Thread	175 lbm	245 lbm	265 lbm	300 lbm	300 lbm	320 lbm
1 1/2-in UN Thread	100 lbm ^{††}	230 lbm ^{††}	380 lbm	460 lbm	460 lbm	500 lbm
2-in UN Thread	N/A	150 lbm ^{††}	345 lbm ^{††}	565 lbm	565 lbm	650 lbm

† For reference only. Not all sizes listed.

†† Magnet stands off contact point so full face contact is not made.

TECHNICAL INFORMATION

Tool OD, in [mm]	Temperature Rating, degF [degC]
1.250 [25.4] - 8.000 [203.2] [†]	500 [260]

† Contact a Peak Well Systems representative for OD and connection options within this range.



▲ High Temperature/High Strength Magnet

Product Code: High Temperature/High Strength Magnet / 115

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