

PORTED HPHT MAGNET



TOOL APPLICATIONS

The Ported High Power High Temperature (HPHT) Magnet is designed to recover dropped or broken metallic objects from the well bore. The high strength magnetic insert is particularly suited for use in high temperature wells where common rare earth magnets lose their strength after exposure to heat.

The outer sleeve of the housing is manufactured from non-magnetic stainless steel, which focuses the magnetic flux downwards and guarantees effortless conveyance.

A set of ports in the tool allows circulation through the CT string to aid with removal of debris from the top of the fish.

The magnet is often used to retrieve lost fingers, grapples and other light metal parts that were broken from running or pulling tools.

The HPHT Magnet is available in a range of diameters and thread combinations to suit client requirements. TTTT offer the most common drift sizes for 2 7/8", 3 1/2", 4 1/2", 5 1/2" and 7" Completions.

FEATURES AND BENEFITS

- High temperature resistant samarium cobalt magnetic insert rated to 660°F
- Flat bottom option for optimum strength
- Circulation ports to aid in debris removal from the top of a fish
- Sprung Sleeve option for assisting recovery of smaller objects
- Available in a range of sizes
- Bespoke options available to suit a range of applications
- Aluminium protector supplied as standard for safe handling
- Stainless steel outer sleeve for ease of conveyance in the well
- Connection options to suit customer requirements
- Hexagonal flats for safe make-up & break-out

SPECIFICATIONS

Technical Variable		Units	Size
			2 7/8"
Max OD		in	3 1/2" & 4 1/4"
Min ID		in	N/A
Connection	Top	Box	2 3/8" PAC DSI
	Bottom	Pin	2 3/8" PAC DSI
Make Up Length		in	12.12
Strength	SWL	lbs	38,570
	Yield	lbs	42,860
	UTS	lbs	107,160
	Torsional	ft.lbs	N/A