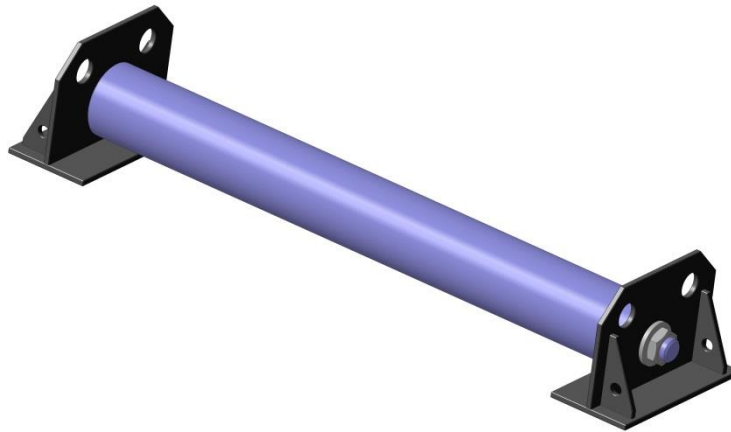
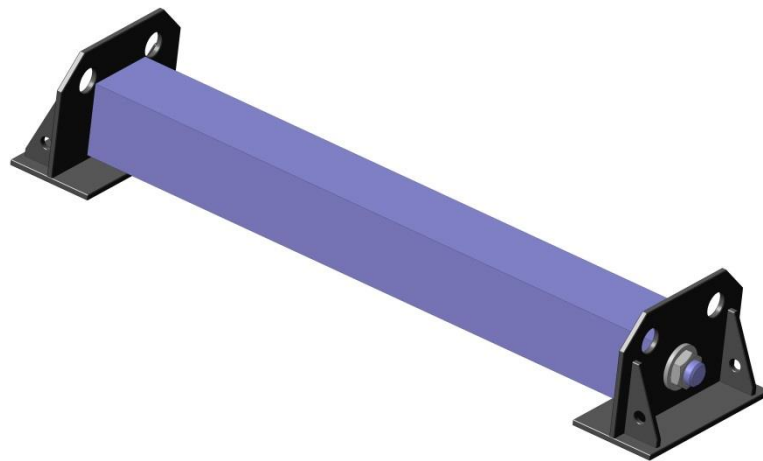


The Magnet for Chips Collection MSS

The Magnet for Chips Collection type MSS is used to remove metal chips with ferromagnetic attraction from drilling fluid and gas.



Pic. 1



Pic. 2

1. Operation principle

The magnet MSS is a stainless steel pipe with magnetic systems inside. The magnet can have round (Pic.1) and square (Pic. 2) cross-section. The tool has inside or outside thread from two sides in order to fix the shanks. To facilitate setting process in place of fluid flow, magnet is set on special supports with lugs.

The Magnet has high catching capability, simple construction, possibility to be set at any stage of technological process, which allows using the tool as a separate entity of equipment or as part of tool combination (magnetic grit, core-type separator) and increasing effectiveness of cleaning process. The magnet has leakproof construction and can be placed in acid, alkaline and saline environment of drilling fluid without consequences.

2. Technical characteristics

Code	MSS-50
Length, ft	1.63
Width, in	4.72
Diameter (round cross-section), in	2.0
Size (square cross-section), in	1.97x1.97
Max working temperature	Up to 120° C magnets Nd-Fe-B Up to 250° C magnets Sm-Co
Peak value of magnetic induction, above poles center, T	0.3-1.2
Weight, lb	17.64