



8,3" Innomag[®] String Magnet

Model IM 100

For cleaning out 9 5/8" to 10 3/4" casing, NC 50 box x pin connection

Dimensional data	
Max OD, inch	8,3
Min ID, inch	3,00
Fish neck OD, inch	6,500
Length, mm	2003
Material properties	
Body material	AISI 4145
Tensile Yield strength, lbs	1 030 000
Torisional Yield strength, ft-lbs	25 000 *)
Magnet Ribs on stabilizer	8
Magnet type	Innovar specified
Operational data	
Flow by area, sq.in	6,8 **)
Magnetic field effective reach, inches	13
Connection	NC 50
Max rotation, rpm	120
Transport Data	
Weight, kg	230

*) This is for internal compressional loads due to the internal threads . For twist off, the Tool Joint is the weakest member.

***) inside 9 5/8", 53,5 #/ft casing



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