



8.3" Innomag[®] String Magnet

Model IM 100

For cleaning out 9 5/8" & 10 3/4" csg
NC 50 pin x box connections

Dimensional data	
Max OD, inch	8.3
Min ID, inch	3.0
Fish neck OD, inch	6.5
Length, mm	2003
Weight, kg	230
Mechanical properties	
Body material	AISI 4145
Tensile Yield strength, lbs	1 030 000
mt	468
Torsional Yield strength,* ft-lbs	25 000
Nm	33 900
Magnet Ribs, ea	8
Operational data	
Flow by area,** sq.in	10.8
Connection	NC 50 p x b
Max rotation, rpm	150
Swarf capacity,** kg	19
Rec'd make-up torque, ft-lbs	27 000

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

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

