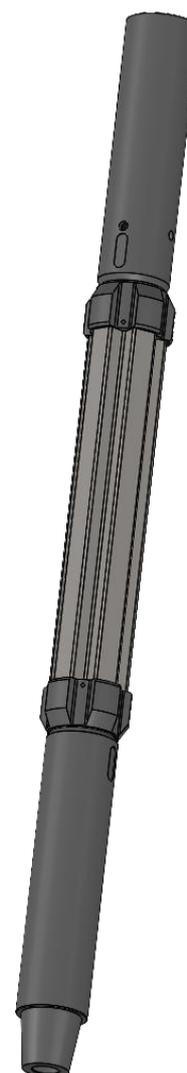




# 5.88" Innomag<sup>®</sup> String Magnet

Model IM 101 v2

For cleaning out 7" casing/liner  
NC 38 pin x box connections



Dimensional data	
Max OD, inch	5.88
Min ID, inch	1.75
Fish neck OD, inch	4.75
Length, mm	1728
Weight, kg	85
Mechanical properties	
Body material	AISI 4145
Tensile Yield strength, lbs	309 000
mt	140
Torsional Yield strength,* ft-lbs	6 000
Nm	8 100
Magnet Ribs, ea	5
Operational data	
Flow by area,** sq.in	6.9
Connection	NC 38 p x b
Max rotation, rpm	150
Swarf capacity,** kg	9
Rec'd make-up torque, ft-lbs	10 000

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

\*\*) inside 7" 29#/ft casing