

4-3/4" OD X 2.250" ID DRILL COLLAR, NON MAG FLEX, NMS 100, NC38

DRILL COLLAR BODY

Nominal OD (in)	4-3/4
Nominal ID (in)	2.250
Pipe Wall Thickness (in)	1.250
Surface Finish	NON MAG FLEX
Grade	NMS 100
Cross Sectional Area of Pipe Body (in ²)	13.745
Cross Sectional Area OD (in ²)	17.721
Cross Sectional Area ID (in ²)	3.976
Section Modulus (in ³)	9.992
Polar Section Modulus (in ³)	19.984
Momet of Inertia Drill Collar Body (in ⁴)	23.73
Polar Moment of Inertia Drill Collar Body (in ⁴)	47.46

DRILL COLLAR CONNECTION

Connection	NC38
OD (in)	4.750
ID (in)	2.250
Torsional Strength (lbs/ft)	16,200
Tensile Yield Strength (lbs)	465,000
Recommended Make-up Torque (lbs/ft)	9,200

DRILL COLLAR ASSEMBLY

Approx Average Length (ft)	31.00
Open End Displacement (gal/ft)	0.71
Closed End Displacement (gal/ft)	0.92
Fluid Capacity (gal/ft)	0.21
Drift Size (in)	2.125

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