



4-3/4" OD X 2.250" ID DRILL COLLAR, NON MAG SLICK, P530, NC38

DRILL COLLAR BODY

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| Nominal OD (in) | 4-3/4 |
| Nominal ID (in) | 2.250 |
| Pipe Wall Thickness (in) | 1.250 |
| Surface Finish | NON MAG SLICK |
| Grade | P530 |
| 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

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| 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

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| 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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