

Drill Pipe Series

NON-MAGNETIC DRILL PIPE

The non-magnetic drill pipe is mostly made of non-magnetic stainless steel or Monel alloy, with a magnetic permeability below $1.05\mu\text{H/m}$. It has a tensile strength exceeding 800MPa and strong torsional performance. Mainly used for logging while drilling in petroleum and natural gas drilling, it provides precise data for directional drilling, avoids magnetic field interference, and ensures the accuracy of trajectory measurement and guidance.



Grooved Non-Magnetic Drill Pipe



Plain Non-Magnetic Drill Pipe

PRODUCT PARAMETERS

Model	Material	Wall Thickness	Fixed Length	Magnetic Permeability	Tensile Strength (MPa)	Yield Strength (MPa)	Tensile Capacity (kN)	Torsional Capacity	Insulation Resistance (MΩ)	Central Cable-Passing Device Resistance (Ω)	Service Life
Φ70×3m	26CrMo, can be quenched and tempered to S135, G105 and other oil pipe steel grades	8mm (non-grooved), 10mm (grooved)	1.5m, 2m, 3m (commonly 3m)	1.00005 - 1.0001H/m under 20 Oersted; ≤1.005 in general	≥ 1035	≥ 965	800	6500	>2	<0.5	20000m or 1 year
Φ73×3m											
Φ76×3m											
Φ89×3m											