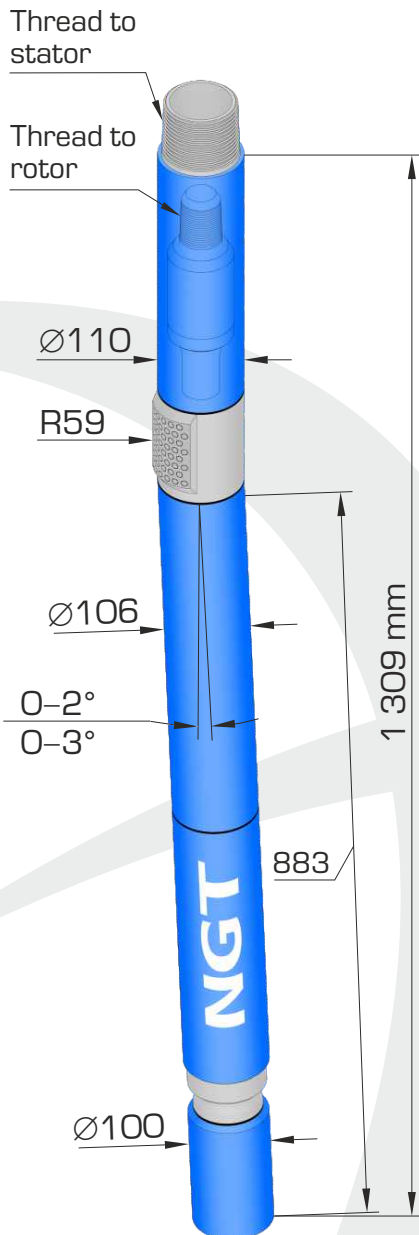


S-106.NGT.M1



Bearing section **S-106.NGT.M1** is a new ultra-short bearing section featuring enhanced operation life.

The bearing section is used in PDM power sections of 106 mm dia. and for:

- drilling of oil and gas wells;
- well reconstruction by sidetracking with rock and PDC bits, including bicentric ones, with the diameter of 120.6 – 149.2 mm;
- well workover.

The bearing section is fitted with the axial sliding bearing, having operating surfaces made of synthetic diamond, and the radial hard alloy bearings.

The bearing section is furnished with drive shaft with two joints to connect to the power section rotor. The bearing section design has adjustable bent sub. The adjustment range is from 0° up to 2° or from 0° up to 3°.

Meeting customers' requirements, the bearing section can be produced with the connecting threads for specific power section.

Top sub (safety sub) is available with the bearing section to connect the power section to drill pipes.

Technical specifications

Housing OD, mm	106
Bearing section length, mm	1 309
Bearing section length to curvature plane, mm	883
Range of angle adjuster change, degree	0-2 или 0-3
Connecting thread to bit	2 7/8 Reg
Torque transmitted, max. kN*m	5,0
Tolerance of axial loading, kN	80
Overhaul period, hour	300