

## Guiding Casing Reamer Shoes with Freely Rotating Eccentric Nose AVRORA 104

Parameters	Values		
Casing string size, mm	114	140	178
Outer diameter, mm	127	153,7	200
Length, mm +/- 25	350	350	390
Bow profile	Eccentric		
Angle of bevel of the guide nozzle in one direction, degrees	25-60		
Nose rotation, degrees	360		
Nose Material	Aluminum		
Axial compression load, t	25	45	45
Operating temperature      °C	up -40 to +130		
Maintaining operability in the interval of a well with a zenith angle	0...95		