

GOST 26250-84 DRILL PIPE FOR CORE SAMPLERS

Drill pipe to this standard shall be manufactured according to dimensions given in Figure 1 and Table 1.

Table 1 Sizes and limit tolerances

Dy	d	s	L	l	d1	d2	l1	M
43	33.4 ±0.2	4.8 ±0.2	1500 +50 3000 -100	32	36.6 -0.10	39.15 +0.1	4.5 ±0.5	4.52
55	45.4 ±0.2	4.8 ±0.2	1500 +50 3000 -100 4500	42	48.2 -0.10	51.35 +0.1	4.5 ±0.6	5.94
70	60.4 ±0.2	4.8 -0.2	1500 +50 3000 -100 4500	42	63.2 -0.12	66.35 +0.1	4.5 ±0.6	7.72

Notes.

1. Drill pipe of 70 mm diameter shall have the length of 6000 and 9000 mm on request.
2. Up to 3 % of pipe in a lot may have the length of 2250 mm and 4000 mm.
3. Conical recess may be replaced by a cylindrical recess of d1 diameter.

Обозначения к табл. 1 (Symbols for table 1):

Dy - условный диаметр (nominal bore), mm;
 d - внутренний диаметр (inside diameter), mm;
 s - толщина стенки (wall thickness), mm;
 L - длина трубы (pipe length), mm;
 l - общая длина проточки (расточки) под резьбу (total thread length), mm;
 d1 - диаметр конической проточки в плоскости торца (conical recess diameter), mm;
 d2 - диаметр конической расточки в плоскости торца (conical groove diameter), mm;
 l1 - длина проточки (расточки) (length of recess), mm;
 M - масса 1 м (mass per 1 m), kg.

Technical requirements.

Drill pipe shall be manufactured of steel grade E. Mass fraction of sulphur and phosphorus not over 0.045 % each.

Mechanical properties, not lower:

tensile strength, MPa 735

yield limit, MPa 539

elongation, % 12

Sealing surface roughness shall be Rze20 micrometers; other machined surface 40 micrometers.