

ΘΩΡΑΚΩ ΝΩΑΕΥΪ ΟΑ ΑΑΝΘΤ ΑΪ ΟΑ ΟΤ ΕΤ ΑΪ Τ ΑΑΟΤ ΘΙ ΕΘΤ ΑΑΪ Ι ΟΑ ΑΕΒ
 ΝΟΑΤ ΝΘΤ ΑΪ ΕΒ Ι Τ ΑΤ ΝΟ 1060-83.

Seamless steel cold-worked pipes for ship building applications made to GOST 1060-83.
 Ι αδθα ñαεε 10. Steel grade 10.

Νί θθαί αίο οί εΐ αΐ τ ααοί θι εθί ααί ί υο θδθα ί τ ΑΤ ΝΟ 1060-83
 Assortment of cold-worked pipes according to GOST 1060-83

Ϊ αδθαί υε αεαί αοθ, ι ι External diameter, mm	Οί εϋεΐ α ñαί ρεε, ι ι / Wall thickness, mm			
	2,0	2,5	3,0	3,5
Ϊ αññα 1 ι αδθα, εα / Weight of 1 meter, kg				
17	0,740			
22	0,986	1,202		
25	1,124	1,387	1,628	1,856
29		1,620	1,910	2,200
32		1,819	2,146	2,460
36		2,050	2,420	2,800
38		2,189	2,589	2,978
40		2,312	2,737	3,150
42		2,435	2,885	3,323
44,5		2,590	3,040	3,510
45		2,620	3,107	3,582
51		2,990	3,551	4,100
57				4,618
60				4,877

Αΐ ιόνεααί υα ί θεεΐ ρά ρεϋ ί τ θαϋί αδθαί
 Permissible deviations in dimensions

Ϊ αδθαί υε αεαί αοθ, ι ι External diameter, mm	Εαοααί θεϋ εα-αñoαα / Quality class	
	ΐ αδθαϋ first	αϋñοαϋ superior
αΐ 29 αεεϐ=εοαεϋΐ τ to 29 inclusive	±0,2	±0,2
ñαϋθά 29 αΐ 51 αεεϐ=εοαεϋΐ τ over 29 to 51 inclusive	±0,3	±0,3
ñαϋθά 51 over 51	+0,6 -0,8%	+0,6 -0,8%
Οί εϋεΐ α ñαί ρεε Wall thickness	+8 -10%	±8%

Ϊ αοαί ε-αñεεα ñαί εñοαα
 Mechanical properties

Ϊ αοαί ε-αñεεα ñαί εñοαα Mechanical properties	Εαοααί θεϋ εα-αñoαα / Quality class	
	ΐ αδθαϋ / first	αϋñοαϋ / superior
ΐ α ι αΐ αα / not less		
Αδθαί αΐ ρά ñΐ ρί θί θεαεαΐ ρεα θαϋθϋαο, ΐ ΐ α Tensile strength, MPa	343	343
Ϊ ρί τ ñεοαεϋΐ ρά οαεεΐ αΐ ρεα, % Elongation, pct	28	30

ΘΩΡΑΚΩ ΝΩΑΕΥΪ ΟΑ ΑΑΝΘΤ ΑΪ ΟΑ ΑΤ ΘΒ×ΑΑΑΟΤ ΘΙ ΕΘΤ ΑΑΪ Ι ΟΑ ΑΕΒ ΝΟΑΤ ΝΘΤ ΑΪ ΕΒ
 Ι Τ ΑΤ ΝΟ 5654-76.

Seamless steel hot-worked pipes for ship building applications made to GOST 5654-76.
 Ι αδεε ñαεε: 10, 20. Steel grades: 10, 20.

Νί θθαί αίο αΐ θϋ-αααοί θι εθί ααί ί υο θδθα ί τ ΑΤ ΝΟ 5654-76
 Assortment of hot-worked pipes according to GOST 5654-76

Ϊ αδθαί υε αεαί αοθ, ι ι External diameter, mm	Οί εϋεΐ α ñαί ρεε, ι ι Wall thickness, mm	Αεεΐ α θδθα, ι Length of pipes, m
114	4,5-24	ΐ τ ñΐ αεαñτ ααΐ ρε α ΐ θαααεαο 4-9; ΐ αδΐ αϋ 5-9; εθθαοΐ αϋ α ΐ θαααεαο ΐ αδΐ ρε a length from 4 to 9 by agreement; a specified length from 5 to 9; multiple within specified length
121	4,5-26	
127	4,5-26	
133	4,5-26	
140	4,5-30	

Ϊ θεΐ α-αΐ ρεϋ: Οί εϋεΐ α ñαί ρεε 4,5-5,5 ι ι ΐ τ ñΐ αεαñτ ααΐ ρε
 ñ αεαϋ=εεΐ ι . Εΐ ροθί ρεϋ ρά οñoαΐ ραεαο ΟϚΕ,
 αεϋ οί εϋεΐ α ñαί ρεε > 22 ι ι - ΐ τ οñεοααί .

Notes: Wall thickness from 4,5 to 5,5 mm by agreement
 with a customer. Control by means of ultrasonic flaw detector,
 for wall thickness > 22 mm - by agreement.