

GOST 23270-89

Tube-billets for mechanical treatment

Chemical composition

Steel Grade	Elements content, %								
	C, %	Si, %	Mn, %	Cr, % not more than	S, P	Cu	Mo	Ni	Al
10	0.07-0.14	0.17-0.37	0.35-0.65	0.15					
20	0.17-0.24	0.17-0.37	0.35-0.65	0.25					
35	0.32-0.40	0.17-0.37	0.50-0.80	0.25					
45	0.42-0.50	0.17-0.37	0.50-0.80	0.25					
10G2	0.07-0.15	0.17-0.37	1.20-1.60	-					
20G	0,17-0,24	0,17-0,37	0,70-1,00	-					
50G	0,48-0,56	0,17-0,37	0,70-1,00	-					
20H	0.17-0.23	0.17-0.37	0.50-0.80	0.70-1.00					
40H	0.36-0.44	0.17-0.37	0.50-0.80	0.80-1.10					
30HGSA	0,28-0,34	0,90-1,20	0,80-1,10	0,80-1,10					
15HM	0.11-0.18	0.17-0.37	0.40-0.70	0.80-1.10					
30HMA	0,26-0,34	0,17-0,37	0,40-0,70	0,80-1,10			0,15-0,25		
12HN2	0,09-0,16	0,17-0,37	0,30-0,60	0,60-0,90				1,50-1,90	
09G2S	≤0,12	0,50-0,80	1,30-1,70	≤0,30					
32HA	0.32- 0.35	0.17- 0.37	0.55-0.85	1.00-1.10	≤0.025	≤0.20		≤0.20	≥ 0.02
38H2MUA	0.35-0.42	0.20-0.45	0.30-0.60	1.35-1.65					



