

CHEMICAL COMPOSITION (%)

Steel group	C	Mn	P max	S max	N max	Cr	Si	Mo	Al min
St37.0, St37.4, S235, P195, P235, P275, E235, OLT35, C10E, C15E, 1010	max 0.17		0.040	0.040	0.009				
St44.0, St44.4, S275, P265, E 275, OLT45, 1020	max 0.21		0.040	0.040	0.009				
St52.0, St52.4, S355, E355, Tu52-b, P265, P355, Fe510, OL52.3,1022	max 0.22	max 1.70	0.040	0.035			max 0.60		0.020
C45, C35E, OLT65, 1035, 1045	max 0.50	max 0.9	0.040	0.040			max 0.40		
16MnCr5	0.14-0.19	1.0-1.3	0.035	0.035		0.8-1.1	max 0.4		
4140, 42CrMo4	0.38-0.43	0.75-1.0	0.040	0.040		0.8-1.1	0.15-0.30	0.15-0.25	
4130	0.28-0.33	0.4-0.6	0.040	0.040		0.8-1.1	0.15-0.35	0.15-0.25	
20MnV6, E470	0.16-0.22	1.3-1.7	0.03	0.035	0.02		0.1-0.50		0.01