

1.4548

Material data sheet

Material Number 1.4548
Country Germany
Designations X5CrNiCuNb17-4-4

Standards Aerospace materials - Materials Handbook of German Aviation
Luftfahrtwerkstoffe
Steelgroup Alloy special steels: Stainless steels with special additions

Chemical composition

Element	min/max	Others
C	<=0.07	
Si	<=1.00	
Mn	<=1.00	
P	<=0.025	
S	<=0.025	
Cr	15.00 - 17.50	
Cu	3.00 - 5.00	
Nb	0.150 - 0.450	
Ni	3.00 - 5.00	