

NAUTICALLOY 4501

Chemical Composition*	C	Si	Mn	P	S	Cr	Ni	Mo	N
% Values (minimum)	-	-	-	-	-	24.00	6.00	3.00	0.20
% Values (Maximum)	0.030	1.00	1.00	0.035	0.015	26.00	8.00	4.00	0.30
Mechanical Properties	Proof Strength Rp 0.2	Tensile Strength		Elongation A4%		Hardness Brinell BHN (Min)		Red of Area %	
Metric Units (Mpa-N/mm2)	>550	>750		25		<270		25	
Imperial Units (ksi)	>80	>110		25		<270		25	
Related Specifications	Duplex F55	1.4501		UNS S32760					

All Nauticalloy produced can be supplied complete with 3rd party Inspection, testing and certification

All Nauticalloy produced can be supplied with dimensional reports confirming diameter tolerance and straightness

All Nauticalloy produced has a straightness tolerance up to 80mm dia of 0.005" - 0.010" TIR and 85mm and above we aim for 0.010" TIR (TIR=Total Indicator Reading)