

NAUTICALALLOY 22HS

Chemical Composition*	C	Si	Mn	P	S	Cr	Ni	Mo	N
% Values (minimum)	-	-	4.00	-	-	20.50	11.50	1.50	0.20
% Values (Maximum)	0.060	1.00	6.00	0.045	0.030	23.50	13.50	3.00	0.40
Mechanical Properties	Proof Strength Rp 0.2		Tensile Strength		Elongation A4%		Hardness Brinell BHN (Min)		Red of Area %
Metric Units (Mpa-N/mm2)	>725		825 - 1150		15		<340		45
Imperial Units (ksi)	>105		120 - 165		15		<340		45
Related Specifications	UNS S20910		XM-19HS		Nitronic ® 50		1.3964		

Nauticalalloy 22HS combines high strength with the best corrosion resistance to offer the ultimate Marine Shaft material. Nauticalalloy 22HS is a non magnetic alloy steel.

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

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

All Nauticalalloy 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)