

316511 / 1.4404

Steel Description

316S11 / 1.4404 is an austenitic stainless steel, but with the addition of molybdenum, which improves corrosion resistance and has particularly high resistance to pitting and crevice corrosion in chloride environments and due to its austenitic structure, exhibits excellent toughness. 316S11 / 1.4404 is frequently used for food processing & brewery equipment, marine fittings and for many different medical applications.

EN 10088-3		BS970: 1991	COLOUR CODE		DESCRIPTION	
I.4404		316511			Austenitic stainless steel	
CHEMICAL ANALYSIS		INTERNATIONAL SPECIFICATION COMPARISON			QUICK VIEW SYSTEM	
Car	0.030 max	BRITISH BS 970:1991	316511		MACHINEABILITY	60
Sil	I.00 max	BRITISH BS 970:1955			WELDABILITY	Good
Mang	2.00 max	GERMAN DIN			HARDENABILITY	Not applicable
Phos	0.045 max	FRENCH AFNOR			SELECTION GUIDE AND USAGE EXAMPLES	Fully resistant to weld decay. Acid resisting and suitable for food, marine & medical purposes.
Sul	0.030 max	SWEDISH SS	2348			
Chr	16.5 / 18.5	AMERICAN SAE				purposes:
Moly	2.00 / 2.50	EUROPEAN STEEL NO.	1.4404			
Nick	11.0 / 14.0	EUROPEAN STEEL NAME	X2CrNiMo17 13-2			
	·	EUROPEAN STANDARD	EN10088-3			

SIZE RANGE SUMMARY								
	Rounds	IMP	I/4" - 6" dia					
	Rounds	ММ	3mm - 50mm dia					
	Hexagons	IMP	.248"437" a/f hex					

SEE STOCK RANGE FOR SPECIFIC SIZES.

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