


# TECHNICAL GUIDE

## 316S11/European No.1.4404

EN 10088-3	BS970: 1991	COLOUR CODE	DESCRIPTION
European No. 1.4404	316S11		Austenitic stainless steel

CHEMICAL ANALYSIS	
Car	0.030 max
Sil	1.00 max
Mang	2.00 max
Phos	0.045 max
Sul	0.030 max
Chr	16.5 / 18.5
Moly	2.00 / 2.50
Nick	11.0 / 14.0

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	316S11
BRITISH BS 970:1955	
GERMAN DIN	
FRENCH AFNOR	
SWEDISH SS	
AMERICAN SAE	
EUROPEAN STEEL NO.	1.4404
EUROPEAN STEEL NAME	X2CrNiMo17 13-2
EUROPEAN STANDARD	EN10088-3

QUICK VIEW SYSTEM	
MACHINEABILITY	60
WELDABILITY	Good
HARDENABILITY	Not applicable
SELECTION GUIDE AND USAGE EXAMPLES	Fully resistant to weld decay. Acid resisting and suitable for food, marine & medical purposes.

SIZES														
Size (ins. dia)	1/4	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1.1/8	1.1/4	1.3/8	1.1/2	1.3/4
	2	2.1/8	2.1/4	2.1/2	2.3/4	3	3.1/2	4	5	6				

Size (mm. dia)	3	5	6	8	10	12	16	20	25	30	40	50		
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Size (mm. A/F)	5	7												
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