

	Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade		No.: / Nr.: /Nr.:												
	EN 10204:2004 / 3.1		0000093537												
Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458	Unsere innere Verweisung /Our Int. Ref/ N/ ref int		Datum / Date / Data												
	5600020786 000020		06.02.2014												
Normen / Standards / Normas															
1.4401/1.4404 acc. to BS EN 10088-3:2005 "Improved Machinability" I.C.C. Tested to ASTM A262-10 Practice E, valid in dual certified as AISI 316/316L acc. to ASTM 276-10, ASTM A479/A479M-11, NACE MR 0175, NACE MR 0103.															
Kunde / Customer / Cliente		Endgültiger Kunde / Final Customer / Cliente Final													
Hi-Tech Special Steels Limited Rotherham Road S25 3RF Sheffield		Hi-Tech Special Steels Limited Rotherham Road S25 3RF Sheffield													
Bestell Nr./Order Nr./ Enc.Nr. 004539		Bestell Nr/ Order Nr./ Enc.Nr. 004539.04													
Prüfgegenstand / Product / Produto		Gewicht / Weight / Peso		Bunde / Bundle / Atados											
AISI 316L FLAT 40.15 x 27.50 mm		3.142 kg		03											
Werkstoff-Nr. / Material-no. / Qualidade		Werkstoff-Normbezeichnung / Material standard grade / Norma do material													
1.4404		X 2 CrNiMo 17-12-2													
Beschreibung / Description / Descrição															
Stainless steel flat bars, hot rolled, annealed, pickled, straightened.															
Schmelzen Nr. / Cast nr. / Fusão nr.		Chemische Analyse in % / Chemical composition in % / Análise química em %													
56131806		C:	0.018	Si:	0.510	Mn:	1.520	P:	0.034	S:	0.026	Cr:	16.800	Ni:	10.090
EAF		Mo:	2.100	Co:	0.144	Cu:	0.400	N:	0.050	Ti:	0.001	W:	-	V:	-
Proben Nr. / Test no. / Amostra no.	DIN EN 10045		ISO 6892-1												
	Kerbschlagarbeit / Impact Test / Resiliência		Streckgrenze / Yield point / Tensão limite		Dehngrenze 1% point / Limite de extensão		Zugfestigkeit / Tensile strength / Tensão de rotura		Dehnung / Elongation / Alongamento		Einschnürung / Reduction of area / Coef. Estricção				
	{Charpy V}		Rp 0,2 %		Rp 1,0%		Rm		A {A50-50mm}		Z {A50-50mm}				
	[J]		[MPa]		[MPa]		[MPa]		[%]		[%]				
3036233.01.01		225		271		315		634		57.6		78.0			
3036233.01.02		226		273		303		622		58.3		78.6			
Visuelle Kontrolle / Visual inspection / Inspeção visual		DIN EN 6506-1		DIN 3651 - 2A		Wärmebehandlung / Heat treatment / Tratamento térmico									
<input checked="" type="checkbox"/> OK		Härte / Hardness / Dureza [HB]		Korrosionsbeständigkeit / IC Test / Corrosão intercristalina <input checked="" type="checkbox"/> OK		Solution annealing 1050 °C									
EN 10058		Korngröße / Grain size / Tamanho de grão		Werkstachverständiger / Quality Control Representative / Inspector de Qualidade		Solution annealing 1050 °C									
<input checked="" type="checkbox"/> OK		-		David Reis (n - DR)		(Water quenched)									
Verwechslungsprüfung / Test of identity / Teste de identificação		Makroskopische Untersuchung / Macrographic test													
<input checked="" type="checkbox"/> OK		Material free from segregation defects. <input checked="" type="checkbox"/> OK													
Bemerkungen / Remarks / Observações															
Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination. Certified acc. PED 97/23/EC-EN 764-5 and AD 2000 W0 Notified Body 0035 - TÜV Rheinland Industrie Service GmbH 01 202 926/Q-02 0040															
Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.															

I29.A PP

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1/4" NPT F/F/F FXD TEE 10K 316L

FLOW TECHNOLOGY LTD
 TEST CERTIFICATE
 VERIFIED TRUE
 COPY OF ORIGINAL

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