

 Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458	Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: /Nr.: 0000102388					
	Unsere innere Verweisung /Our Int. Ref/ N/ ref int 5600024793 000060		Datum / Date / Data 19.02.2015					
<b>Normen / Standards / Normas</b> 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 276-13a, ASTM A479/A479M-13, NACE MR 0175, NACE MR 010								
<b>Kunde / Customer / Cliente</b> Hi-Tech Special Steels Limited Rotherham Road S25 3RF Sheffield			<b>Endgültiger Kunde / Final Customer / Cliente Final</b> Hi-Tech Special Steels Limited Rotherham Road S25 3RF Sheffield					
Bestell Nr./Order Nr./ Enc.Nr. 004810			Bestell Nr./ Order Nr./ Enc.Nr. 004810.15					
<b>Produktgruppe / Product Group / Grupo Produto</b> AISI 316L FLAT 65.50 x 40.15 mm		<b>Gewicht / Weight / Peso</b> 3.347 kg		<b>Bunde / Bundle / Atados</b> 03				
Werkstoff-Nr. Material-no. Qualidade 1.4404		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNiMo 17-12-2						
<b>Beschreibung / Description / Descrição</b> Stainless steel flat bars, hot rolled, annealed, pickled, straightened.				<b>FLOW TECHNOLOGY LTD</b> <b>TEST CERTIFICATE</b> <b>VERIFIED TRUE</b> <b>COPY OF ORIGINAL</b>				
Schmelzen Nr. Cast nr. / Fusão nr.		<b>Chemische Analyse in % / Chemical composition in % / Análise química em %</b>						
56142026  EAF		<b>C:</b> 0.019  <b>Mo:</b> 2.040	<b>Si:</b> 0.560  <b>Co:</b> 0.395	<b>Mn:</b> 1.480  <b>Cu:</b> 0.380	<b>P:</b> 0.030  <b>N:</b> 0.053	<b>S:</b> 0.025  <b>Ti:</b> 0.002	<b>Cr:</b> 16.710  <b>W:</b> -	<b>Ni:</b> 10.120  <b>V:</b> -
Proben Nr. Test no. Amostra no.	<b>DIN EN 10045</b>		<b>ISO 6892-1</b>					
	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 {A5/4D}	Z		
	[ J ]	[ MPa ]	[ MPa ]	[ MPa ]	[ % ]	[ % ]		
3043223.02.01		223	290	339	615	63.2	76.3	
3043223.02.02		226	298	350	619	61.5	75.0	
Visuelle Kontrolle Visual inspection Inspeção visual		<b>DIN EN 6506-1</b> Härte Hardness Dureza		<b>DIN EN ISO 3651 - 2A</b> Korrosionsbeständigkeit IC Test Corrosão Intercristalina		Wärmebehandlung Heat treatment Tratamento térmico  <b>Solution annealing 1050 °C</b>  (Water quenched)		
DIN EN 10058 Maßkontrolle Dimensional inspection Inspeção dimensional		Korngröße Grain size Tamanho de grão		Werksachverständiger Quality Control Representative Inspector da Qualidade				
Verwechslungsprüfung Test of identity Teste de identificação		Makroskopische Untersuchung Macrographic test  Material free from segregation defects.		David Reis (Q - DR)				
<b>Bemerkungen / Remarks / Observações</b> 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 the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.				
<b>Bollinghaus Steel, SA</b>								

I29.A PP

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1/2" NPT F/F/F/F FXD CROSS 10K 316L