



F14902 - 1" NPT F/F FXD 90 DEG ELBOW 10K 316L

 <p>Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458</p>	Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: /Nr.: 0000146331												
	Unsere innere Verweisung /Our Int. Ref/ N/ ref int 5600042622 000010		Datum / Date / Data 26.09.2018												
<b>Spezifikation / Standards / Normas</b> 1.4401/1.4404 acc. to EN 10088-3:2014 (Condition 1D), TYPE 316/UNS S31600 and TYPE 316L/UNS S31603 acc. to ASTM A276/A276M-17, ASTM A479/A479M-18, ASME SA276-2017, ASME SA479/SA479M-2017, execution as per ASTM A484/A484M-18.															
<b>Kunde / Customer / Cliente</b> Amodil Supplies LTD. Cleobury Mortimer - Forest Park DY14 9BD Kidderminster			<b>Endgültiger Kunde / Final Customer / Cliente Final</b> Amodil Supplies LTD. Cleobury Mortimer - Forest Park DY14 9BD Kidderminster												
Bestell Nr./Order Nr./ Enc.Nr. BO2136			Bestell Nr./ Order Nr./ Enc.Nr. BO2136.01												
<b>Produktgruppe / Product Group / Grupo Produto</b> AISI 316/L SQ 3"		<b>Gewicht / Weight / Peso</b> 1.787 kg		<b>Bunde / Bundle / Atados</b> 04											
<b>Werkstoff-Nr. / Material-no. / Qualidade</b> 1.4404		<b>Werkstoff-Normbezeichnung / Material standard grade / Norma do material</b> X 2 CrNiMo 17-12-2													
<b>Beschreibung / Description / Descrição</b> Stainless steel square bars, hot rolled, heat treated, straightened and pickled.															
<div style="border: 1px solid red; padding: 5px; display: inline-block;">                     FLOW TECHNOLOGY LTD                      TEST CERTIFICATE                      VERIFIED TRUE                      COPY OF ORIGINAL                 </div>															
Schmelzen Nr. / Cast nr. / Fusão nr. 56181312		<b>Chemische Analyse in % / Chemical composition in % / Análise química em %</b>													
	C	0.018	Si	0.490	Mn	1.560	P	0.033	S	0.027	Cr	16.830	Ni	10.230	
	EAF+AOD	Mo	2.050	Co	0.350	Cu	0.570	N	0.051	Ti	0.002	Al	0.005	-	-
Proben Nr. / Test no. / Amostra no. 3073949.02.01	<b>ISO 148-1</b> Kerbschlagarbeit / Impact Test / Resiliência {Charpy V} [ J ]			<b>DIN EN ISO 6892-1</b> Streckgrenze / Yield point / Tensão limite Rp 0,2 % [MPa]		Dehngrenze / 1% point / Limite de extensão Rp 1,0% [MPa]		Zugfestigkeit / Tensile strength / Tensão de rotura Rm [MPa]		Dehnung / Elongation / Alongamento A5    4D [%]    [%]		Einschnürung / Reduction of area / Coef. Estricção Z [%]			
	229.0			284		309		591		62.2    64.6		73.0			
Visuelle Kontrolle / Visual inspection / Inspeção visual <input checked="" type="checkbox"/> Ok		<b>DIN EN ISO 6506-1</b> Härte / Hardness / Dureza 147 [ HB ]			<b>DIN EN ISO 3651 - 2A</b> Korrosionabeständigkeit / IC Test <input checked="" type="checkbox"/> Ok Corrosão Intercristalina		Wärmebehandlung / Heat treatment / Tratamento térmico Solution annealing 1050 °C (Water quenched)								
<b>ASTM A484</b> Maßkontrolle / Dimensional inspection / Inspeção dimensional <input checked="" type="checkbox"/> Ok		Korngröße / Grain size / Tamanho de grão -			Abnahmebeauftragter / Authorized Inspection Representative / Inspector da Qualidade  Vasco Ferreira (Ω - VF)										
Verwechslungsprüfung / Test of identity / Teste de identificação <input checked="" type="checkbox"/> Ok		Makroskopische Untersuchung / Macrographic test Material free from segregation defects. <input checked="" type="checkbox"/> Ok													
<b>Bemerkungen / Remarks / Observações</b> Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination. Certified acc. PED 2014/68/EU and AD 2000 W0 Notified Body 0035 - TUV 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.					<b>Bollinghaus Steel, SA</b>					