






Usine productrice/Hersteller/Manufacturer Ugine Avenue Paul Girod - CS 90100 73403 Ugine Cedex France		INSPECTION CERTIFICATE 3.1 CERTIFICAT DE RECEPTION 3.1 ABNAHMEPRUEFZEUGNIS 3.1 ----- EN 10204 / 3.1					UGITECH Providing special steel solutions					
Numéro certificat/Number/Number 81664597 000010		Ordre de fab. / Auftrag / Prod. Order A1624TX63000		N° coulée / Schmelzen Nr / Heat N° 617071		N° lot MM / Chargen / Batch 1624TX6300						
Certification - Werkzeugschein - Certificate AD 2000-MERKBLATT W0/TRD100 Pressure Equipment Directive 2014/68/EU ISO 9001 ISO/TS 16949			EN 9100 EN 9120		N° lot MM / Chargen / Batch 1624TX6300		Marque d'usine Herstellerzeichen Supplier's Mark					
					98-2		Poignon de l'expert Prüfstempel Inspector's stamp					
UGI 304 BAR DRAWN POLISHED SOLUT* ANNEALED & COLD WORKED H9 ROUND 20,000MM LONG. 6,000MM + 50,000MM -0,000MM												
Produit UGI 304 BARRE ETIRÉE POLIE HYPERTREMPE DEF. A FROID H9 ROND(E) 20,000MM LONG. 6,000MM + 50,000MM												
Erzeugnisform UGI 304 STAB GEZOGEN POLIERT ABGESCHRECKT KALTVERFORMT H9 RUND 20,000MM LONG. 6,000MM + 50,000MM												
Product UGI 304 BAR DRAWN POLISHED SOLUT* ANNEALED & COLD WORKED H9 ROUND 20,000MM LONG. 6,000MM + 50,000												
Client - Besteller - Purchaser 12672 BIRCELİK PASLANMAZ ÇELİK			N° cde client - Kundenbestellnummer - Purchase order number ORDER DTD 30.04.2016			Commande - Bestellung - Order 747842 40						
Norme de référence / Besuchsform / Standard for reference EN 10088-3 ED2014-1 4301 ASTM A479/A479M-16 TYPE 304 NACE MR0175/ISO 15156-2 2015 304 UNS 304LN			ASTM A276/A276M-16 TYPE 304 ASME SA479/479M-15 Sec.II Part A TYPE 304 AISI 304									
Spécification client / Kundenspezifikation / Customer's specification												
Nombre Stueckzahl Pieces Nbr 72		18		Profil Profile Shape RO		19		Dimension Ausmessung Dimension 20,000		21-1		
								Longueur Laenge Length 6,000		21-2		
								Poids Gewicht Weight 1073 KG		22		
Mode d'élaboration Erschmelzungsart Melting process EAF + AOD + CC	N° prélèvement Probenummer Test number BJ42	38	39A	Demandé / Vorschrift / Required Min Max	42	43	44	45	46	47	48	49
					0,0700	1,0000	2,0000	10,5000	18,0000	19,5000	0,0300	
				coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product	0,0420	0,3840	1,0480	8,0440	18,0760	0,2750	0,2840	0,0214
Demandé / Vorschrift / Required	50	51	52	53	54	55	70	71	72	73	74	75
	% P	% N										
Min												
Max	0,0450	0,1000										
coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product	0,0291	0,0810										
Demandé / Vorschrift / Required	76	77	78	79	80	81	82	83	84	85	86	87
Min												
Max												
coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product												
We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity ; Document validated by electronic signature. Material manufactured in the REACH regulation respect.						66-1						
We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity ; Document validated by electronic signature. Material manufactured in the REACH regulation respect.						66-2						
						Ugine le 03.06.2016 Le Responsable Métallurgie-Qualité Der Qualitätsbeauftragter The Quality Manager B. POLLET 040000993954 Page 1/2						

Usine productrice/Hersteller/Manufacturer Ugine Avenue Paul Girod - CS 90100 73403 Ugine Cedex France	INSPECTION CERTIFICATE 3.1 CERTIFICAT DE RECEPTION 3.1 ABNAHMEPRUEFZEUGNIS 3.1 ----- EN 10204 / 3.1		UGITECH Providing special steel solutions 																																																								
Numéro certificat/Nummer/Number 81664597 000010	Ordre de fab. / Auftrag / Prod. Order A1624TX63000	N° coulée / Schmelzen Nr / Heat N° 617071	N° lot MM / Chargen / Batch 1624TX6300																																																								
24 13 Min Max Min Max	90 ° C 20 20	Limite d'élasticité Streckgrenze Yield Strength 0,2% 1% Mpa Mpa 205	RM Zugfestigkeit Tensile Mpa 728	Alongement Bruchdehnung Elongation A5D A4D % % 30 30	Striction Einschnürung Red area % 40	Dureté-Haerte-Hardness <table border="1"> <tr> <th>HB</th> <th>HV</th> <th>HRB</th> <th>HRC</th> </tr> <tr> <td></td> <td></td> <td></td> <td>22</td> </tr> </table>				HB	HV	HRB	HRC				22																																										
HB	HV	HRB	HRC																																																								
			22																																																								
N° prélèvement Probenummer Test number 39B	BJ42 1201 L	20	469	728	42	44 71	209	< 22																																																			
A l'état de Référence / treatment on test sample / Probestreifenbehandlung																																																											
<table border="1"> <thead> <tr> <th colspan="10" style="text-align: center;">Résilience-Kerbschlagzähigkeit-Notch Toughness</th> </tr> <tr> <th colspan="2">Taux de corroyage Forging ratio Verschmiedungsgrad 121,3</th> <th>Type Form Type</th> <th>T° C</th> <th>Sens Richtung Direction</th> <th>Min</th> <th colspan="2">Valeurs individuelles Einzelwerte Individual values</th> <th>Moyenne Mittelwerte Average</th> <th>Expansion latérale Seitliche Breitung Lateral Expansion</th> </tr> </thead> <tbody> <tr> <td colspan="2">101</td> <td>31</td> <td>33</td> <td>32</td> <td>95</td> <td colspan="2">35</td> <td>36</td> <td>91</td> </tr> <tr> <td colspan="2">13</td> <td></td> <td>20</td> <td>L</td> <td>100</td> <td colspan="2">180-175-186</td> <td>J 180</td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2">--</td> <td>--</td> <td></td> </tr> </tbody> </table>										Résilience-Kerbschlagzähigkeit-Notch Toughness										Taux de corroyage Forging ratio Verschmiedungsgrad 121,3		Type Form Type	T° C	Sens Richtung Direction	Min	Valeurs individuelles Einzelwerte Individual values		Moyenne Mittelwerte Average	Expansion latérale Seitliche Breitung Lateral Expansion	101		31	33	32	95	35		36	91	13			20	L	100	180-175-186		J 180								--		--	
Résilience-Kerbschlagzähigkeit-Notch Toughness																																																											
Taux de corroyage Forging ratio Verschmiedungsgrad 121,3		Type Form Type	T° C	Sens Richtung Direction	Min	Valeurs individuelles Einzelwerte Individual values		Moyenne Mittelwerte Average	Expansion latérale Seitliche Breitung Lateral Expansion																																																		
101		31	33	32	95	35		36	91																																																		
13			20	L	100	180-175-186		J 180																																																			
						--		--																																																			
A l'état de livraison / Lieferzustand / As delivered Solut° annealed & cold worked																																																											
A l'état de Référence / treatment on test sample / Probestreifenbehandlung																																																											
ANTIMIXING TEST PERFORMED TO SPECTROSCOPIC METHOD : CONFORM SURFACE & DIMENSIONS ARE CONTROLLED MATERIAL FREE FROM WELDS OR WELD REPAIRS AT TIME OF SHIPMENT MATERIAL IS FREE FROM MERCURY AND RADIOACTIVE CONTAMINATION AND WELDS OR WELD REPAIRS AT TIME OF SHIPMENT MACROETCH/MICROSTRUCTURE ACCEPTABLE INTERGRANULAR CORROSION PER ASTM A262 PRACTICES A & E ACCEPTABLE GRAIN SIZE GUARANTEED 5 OR THINNER ACCORDING TO ASTM E112																																																											
We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity ; Document validated by electronic signature. Material manufactured in the REACH regulation respect.						92 66-1	Ugine le 03.06.2016 Le Responsable Métallurgie-Qualité Der Qualitätsbeauftragter The Quality Manager																																																				
We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity ; Document validated by electronic signature. Material manufactured in the REACH regulation respect.						66-2	040000993954 Page 2/2  POLLET																																																				