


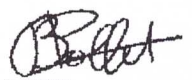


Usine productrice/Hersteller/Manufacturer <b>Ugine</b> Avenue Paul Girod - CS 90100 73403 Ugine Cedex France		INSPECTION CERTIFICATE 3.1 CERTIFICAT DE RECEPTION 3.1 ABNAHMEPRUEFZEUGNIS 3.1 ----- EN 10204 / 3.1					UGITECH Providing special steel solutions												
Numéro certificat/Nummer/Number 81503968 000010		Ordre de fab. / Auftrag / Prod. Order A1512AN71000		N° coulée / Schmelzen Nr / Heat N° 506026		N° lot MM / Chargen / Batch 1512AN7100													
Certification - Werkzeugnis - Certificate AD 2000-MERKBLATT W0/TRD100 Pressure Equipment Directive 97/23/EC ISO 9001 ISO/TS 16949		ISO 9100 ISO 9120		N° coulée / Schmelzen Nr / Heat N° 506026		N° lot MM / Chargen / Batch 1512AN7100													
						Marque d'usine Herstellerzeichen Supplier's Mark													
						Poinçon de l'expert Prüfstempe Inspector's stamp													
UGI 431 BAR TURNED POLISHED QUENCHED AND TEMPERED QT800 H10 ROUND 60,000MM LONG. 6,000M + 400,000MM -0,000MM Produit UGI 431 BARRE TOURNÉE POLIE TRAITÉE (E) QT800 H10 ROND (E) 60,000MM LONG. 6,000M + 400,000MM -0,000 Erzeugnisform UGI 431 STAB GESCHÄLT POLIERT VERGÜTET QT800 H10 RUND 60,000MM LONG. 6,000M + 400,000MM -0,000MM Product UGI 431 BAR TURNED POLISHED QUENCHED AND TEMPERED QT800 H10 ROUND 60,000MM LONG. 6,000M + 400,000MM																			
Client - Besteller - Purchaser 12672 BIRCELIK PASLANMAZ CELIK			N° cde client - Kundenbestellnummer - Purchase order number ORDER DTD 16.01.2015			Commande - Bestellung - Order 669719 80													
Norme de référence / Besugsnorm / Standard for reference EN 10088-3 ED 2005 1.4057 AISI 431																			
Spécification client / Kundenspezifikation / Customer's specification																			
<table border="1"> <thead> <tr> <th>Nombre Stueckzahl Pieces Nbr</th> <th>Profil Profile Shape RO</th> <th>Dimension Ausmessung Dimension</th> <th>Longueur Laenge Length</th> <th>Poids Gewicht Weight</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>18</td> <td>60,000 MM</td> <td>6,000</td> <td>832 KG</td> </tr> </tbody> </table>										Nombre Stueckzahl Pieces Nbr	Profil Profile Shape RO	Dimension Ausmessung Dimension	Longueur Laenge Length	Poids Gewicht Weight	6	18	60,000 MM	6,000	832 KG
Nombre Stueckzahl Pieces Nbr	Profil Profile Shape RO	Dimension Ausmessung Dimension	Longueur Laenge Length	Poids Gewicht Weight															
6	18	60,000 MM	6,000	832 KG															
Mode d'élaboration Erschmelzungsart Melting process EAF + AOD + CC		N° prélèvement Probenummer Test number 8 PE9		Demandé / Vorschrift / Required 42 PASLANMAZ ÇELİK TİCARET A.Ş. % C % Si % Mn % Ni % Cr % S % P 0,1200 0,0030 1,0000 0,0000 16,0000 0,0000 0,0000		46 47 48 49		38 39A											
		coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product		0,1770 0,4040 0,8510 1,5290 15,5910 0,0110 0,0249															
Demandé / Vorschrift / Required		50		51		52		53											
Min																			
Max																			
coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product																			
Demandé / Vorschrift / Required		76		77		78		79											
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.					Ugine le 17.03.2015 Le Responsable Métallurgie-Qualité Der Qualitätsbeauftragter														
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Numéro certificat/Nummer/Number <b>81503968 000010</b>	Ordre de fab. / Auftrag / Prod. Order <b>A1512AN71000</b>	N° coulée / Schmelzen Nr / Heat N° <b>506026</b>	N° lot MM / Chargen / Batch <b>1512AN7100</b>
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24	90	T° C	Limite d'élasticité Streckgrenze Yield Strength 0,2% 1%		RM Zugfestigkeit Tensile	Allongement Bruchdehnung Elongation A5D A4D		Striction Einschnürung Red area	<b>Dureté-Haerte-Hardness</b>			
		° C	Mpa	Mpa	Mpa	%	%	%	HB	HV	HRB	HRC
13	Min Max Min Max	20 20	738 912	800 950	1,7	54	279					

BIRCELİK

PAŞLIANMAZ ÇELİK TİCARET A.Ş.

İhrak: Seyit Nizam Mh. Demirciler Sit. 4. Cd. No. 52. Burun-İST.  
 Tel: (0212) 665 76 34 (3-Hat) 546 29 83 Fax: 558 87 07  
 Şişli: Seyit Nizam Mh. Demirciler Sit. 5. Cd. No. 41 Z. Burun-İST.  
 Tel: (0212) 255 39 33-255 45 93-665 76 37 Fax: 253 06 19  
 Davutpaşa: Vercel Daire... 177 035 9422

A l'état de Référence / treatment on test sample / Probestreifenbehandlung			
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Taux de corroyage Forging ratio Verschmiedungsgrad <b>13,9</b>	<b>Résilience-Kerbschlagzaehigkeit-Notch Toughness</b>							
101	Type Form Type	T° C	Sens Richtung Direction	Min	Valeurs individuelles Einzelwerte Individual values	Moyenne Mittelwerte Average	Expansion latérale Seitliche Breitung Lateral Expansion	
13	KISOV	20	L	J 25	J 40-44-37 -- --	J 40		91

MARTENSITIC STRUCTURE

ANTIMIXING TEST PERFORMED CONFORM

SURFACE & DIMENSIONS ARE CONTROLLED

MATERIALS FREE FROM MERCURY AND RADIOACTIVE CONTAMINATION , WELDS OR WELD REPAIRS AT TIME OF SHIPMENT

MATERIAL FREE FROM WELDS OR WELD REPAIRS AT TIME OF SHIPMENT

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Der Qualitätsbeauftragter The Quality Manager	66-1 66-2 040000851708 Page 2/2
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