



SERIAL NUMBER: U-367 COOK DATE: 9-30-2024

MOLD SIZE _____ BY _____ PO _____

ORDER DATE 29 SEP 24 SHIP DATE: 30 SEP 24

FOR: Yellow jacket

SIZE 5.875 X 5 TYPE XDS-C

THREAD 5 3/4 FJWP OTHER Ø 5 3/4 WP x 3' long - broached I D

MATRIX (H) 36881 WEIGHT _____

MATRIX (S) 36701 WEIGHT _____

BINDER 335231 WEIGHT _____

BLANK MM14104064 TJ _____

BILLET _____ TUBE Ø 445019

WELD R0 MPI R0 MPI PIC R0 BRAZE _____

THREAD GAGE 5.75 #18 FJWP STAND OFF Flush

FINAL DIAMOND GRIND SIZE 5.875 X 5

LENGTH TO WELD 66 3/8 _____

FINISHED PIC TAKEN BY R0 CRATED BY JM DATE: _____

International _____ domestic _____

SHORT BIT & TOOL CO
225 GOLD STREET
GARLAND TX 75042
972-205-1011
shortbits@gmail.com



Certificate of Conformance

Serial Number	Size	Type	Steel or Matrix	Shank Diameter	Bore
U-367	5.875 X 5	XDS-C	Matrix		

Component	Material	Vender	Lot or Heat Number
Blank	8620	RHW	MM14104064
Hard Powder	WC	SURFACE	36881
Soft Capping Powder	W2	SURFACE	36701
Tool Joint			
MIG Weld			
Tubing	P110	RED WING	645019

Inspection	
Diamond Grinding To Size	
Weld MPI	
Thread Gaging	5 3/4 FJWP

Signed By:

P. Beasly

date:

10/14/2024



Surface Engineering Powders Certified Material Test Report

Company Short Bits P.O.#: Vickie
 Alloy Type: PWMP010 Size: 80/325 Mesh: 80/325 Micron: 180/45um
 Description MATRIX POWDER H Quantity: 50lbs
 Specification N/A Type/Class: N/A
 Heat Number SE-36881

Chemical Analysis Actual: _____ Nominal: X

The data contained herein were obtained from samples considered to be representative of the products in the subject shipment and are believed to be reliable. All operations performed comply with the material specification and the purchase order.

Element Concentrations (Weight Percent)

Al: _____	B: _____	Be: _____	C: <u>5.63</u>	Co: _____	Cr: _____	Cu: _____	Fe: <u>0.16</u>
Mn: _____	Mo: _____	N2: _____	Nb: _____	Ni: <u>2.03</u>	O2: _____	P: _____	S: _____
Si: _____	Ta: _____	Ti: _____	V: _____	W: _____	Wc: _____	TAO: _____	
Oth: _____	Fc: <u>0.03</u>	Analytical Process(es): _____					

Sampling Procedure / Spec: ASTM B215-10
Hall Flow / Spec: ASTM B213-13

Powder Mesh / Spec: ASTM B214-07-2011
Apparent Density / Spec: ASTM B212-13


Physical Properties
 Material Hardness Scale: Rc: N/A HB: _____ Hv: _____ Hk: _____

Hall Flow N/A Sec./50g Apparent Density: 7.5 g/cm³

Particle Size Distribution: Size Microns(um)/U.S. Sieve (mesh)

180/80: <u>4.45</u>	150/100: _____	125/120: <u>14.25</u>	106/140: _____
90/170: <u>13.50</u>	75/200: _____	63/230: <u>Bal</u>	53/270: _____
45/325: <u>16.45</u>	38/400: <u>34.45</u>	32/450: _____	25/500: _____
20/635: _____	15/800: _____	+10: _____	+5: _____
Other: _____			

Surface Engineering Alloy Company hereby certifies the above listed material meets all requirements of the above listed specifications in addition to the confirmation that during the manufacturing process, testing, and inspection, the product was completely void of contact with the element Mercury or any of its compounds. In addition, this certification validates that all test results and operations performed by Surface Engineering Alloy Company, or its subcontractors, are in compliance with the material specification and the specific applicable material requirements of ASME SFA 5.21, of ASME Section II. The requirements of Federal Law, Title 18, Chapter 47 apply to this order and to sub-tier suppliers.


 Reporting Officer
Michael Russell

8/5/2024
 Date

SM-1000-CERT-P Rev A 4/18/2023

2895 46th Ave North
 St. Petersburg, FL
 Main Office: 727.528.7998
 www.surfaceengineering.com



Surface Engineering Powders Certified Material Test Report

Company _____ P.O.#: _____
 Alloy Type: CTPM001 Size: 80/325 Mesh: 80/325 Micron: -180/+45um
 Description Crystalline Tungsten Powder Quantity: _____
 Specification N/A Type/Class: N/A
 Heat Number SE-36701 Nominal: _____

Chemical Analysis Actual: X

The data contained herein were obtained from samples and found to be representative of the products in the subject shipment and are believed to be reliable. All operations performed comply with the material specification and the purchase order.

Element Concentrations (Weight Percent)

Al:	B:	Be:	C: 0.006	Co:	Cr:	Cu:	Fe: 0.0011
Mn:	Mo: 0.007	N2:	Nb:	Ni:	O2: 0.015	P:	S:
Si:	Ta:	Ti:	V:	W: 99.9	Wc:	TAO: 0.03	

Oth: _____ Analytical Process(es): _____

Sampling Procedure / Spec: ASTM B215-10
Hall Flow / Spec: ASTM B213-13

Powder Mesh / Spec: ASTM B214-07-2011
Apparent Density / Spec: ASTM B212-13

Physical Properties

Material Hardness Scale: Rc: NA HB: _____ Hv: _____ Hk: _____

Hall Flow 10 Sec./50g Apparent Density: 8.16 g/cm³

Particle Size Distribution: Size Microns(um)/U.S. Sieve (mesh)

180/80: 0.1	150/100: _____	125/120: _____	106/140: _____
90/170: _____	75/200: 49.9	63/230: 0.00	53/270: _____
45/325: 41.2	38/400: 8.7	32/450: _____	25/500: _____
20/635: _____	15/800: _____	+10: _____	+5: _____

Other: _____

Surface Engineering Alloy Company hereby certifies the above listed material meets all requirements of the above listed specifications in addition to the confirmation that during the manufacturing process, testing, and inspection, the product was completely void of contact with the element Mercury or any of its compounds. In addition, this certification validates that all test results and operations performed by Surface Engineering Alloy Company, or its subcontractors, are in compliance with the material specification and the specific applicable material requirements of ASME SFA 5.21, of ASME Section II. The requirements of Federal Law, Title 18, Chapter 47 apply to this order and to sub-tier suppliers.

SM-1000-CERT-P Rev A 4/18/2023

Reporting Officer
 Dylan Marhafer

9/16/2024
 Date

2895 46th Ave North
 St. Petersburg, FL
 Main Office: 727.528.7998
 www.surfaceengineering.com



330 Belmont Avenue, Brooklyn, NY 11207-4000 U.S.A
tel:+1.718.342.4900 fax:+1.718.342.0175

June 26, 2024

Customer Order No:

VERBAL-VICKIE

Customer ID:

SHORTC

Customer Name:

Short Bits & Tool

Sales Order No:

48182

Certificate of Analysis

Item No: 4483D

Virgin Grade Binder Alloy

Shape: 1/2" x 1/2" x 3/4" Tumbled Sheared Pcs.

335231

CU	47.29
MN	24.43
NI	20.20
ZN	7.75
B	.11
SI	.14
FE	.03
PB	<.05
SN	<.02

BELMONT METALS, INC.

Nasir Naseer

QC Administrator



Sold To: CMC DALLAS TRADING
 PO BOX 139094
 DALLAS, TX 75313-9094
 (214) 689-4300
 Fax: (214) 689-5886

Ship To: CMC TRADING WAREHOUSE
 GREENSPORT TERMINAL
 13609 INDUSTRIAL ROAD - GATE 5
 UP - PTRS SWITCH ROAD
 HOUSTON, TX 77015
 (214) 496-5584

Customer P.O.	69507	Sales Order	133112.18
Product Group	Special Bar Quality	Part Number	30006500234MTS0
Grade	8620HLA; 8620/8622H; MECH PROP REPORT	Lot #	MM1410406403
Size	6-1/2" (6.5000) Round	Heat #	MM14104064
Product	6-1/2" (6.5000) Round 19' 6" 8620-C2R7	B.L. Number	G1-267371
Description	8620-C2R7	Load Number	G1-144824
Customer Spec		Customer Part #	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Roll Date: 9/25/2014 Melt Date: 7/22/2014

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Al	B
0.22%	0.80%	0.010%	0.021%	0.27%	0.21%	0.42%	0.50%	0.21%	0.005%	0.025%	0.0002%
Sn	Ti	Cb	Co	Ca	Pb	As	Bi	Sb	H		
0.007%	0.0016%	0.004%	0.0091%	0.0002%	0.0000%	0.005%	0.0000%	0.0025%	1.5 ppm		

Austenitic fine grain by chemical analysis per the latest revision of ASTM A29

DI value: 2.20

Simulated Hardenability Band

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32	
46	46	43	37	32	28	26	25	24	23		21		20		19	18	18		17		16			15

Brinell Converted Mid-Radius: 201.0bhn

Brinell Converted Surface: 192.0bhn

Brinell: 192.000bhn

Tensile 1: 94,600psi (652MPa)

Yield 1: 57,800psi (399MPa)

Elongation: 21.8% in 2"(% in 50.8mm)

Reduction of Area: 40.84%

Grain Size per ASTM E112 = 7

Reduction Ratio 9.6 :1

ASTM E381

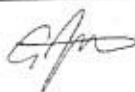
Surface: 1 Mid Radius: 1 Center: 1

ASTM E45 Method A (Worst)

Sulfides: T: 1.5 H: 1.5 Alumina: T: 0.0 H: 0.0 Silicates: T: 0.0 H: 0.0 Globular: T: 1.0 H: 1.0

Specification Comments: EAF, LMF, VACUUM DEGASSED. CONTINUOUSLY CAST MATERIAL IS IN CONFORMANCE TO EN 10204

- All manufacturing processes, including melting have been performed in the U.S.A.
- No mercury, mercury compounds or mercury containing devices came into contact with this product.
- Welding or weld repair was not performed on this material.
- This material conforms to the specifications described on this document and may not be reproduced except in full, without written approval of Nucor Corporation.
- This product is NAFTA certified under Paragraph "B" of the NAFTA rule of origin.
- Material is Free of Radioactive Contamination.
- This document is in compliance with EN 10204 "type 3.1"
- Test procedures foiled with an asterisk(*) are outside of NSMEM - ISO17025 Accreditation scope
- Results reported for ASTM E45 (Inclusion content) and ASTM E112 (Grain size) are provided as interpretation of ASTM procedures.
- Reported results relate to the material samples subject to test, and are used to qualify material lot# indicated in within this report.
- Export Country USA e-mail contact Memphis.Sales@nsmem.nucor.com



Cory Anthony
 Division Metallurgist

Mill Certification

10/7/2014

MTR #: 0000032978
3601 Paul R Lowry Rd
MEMPHIS, TN 38109
(901) 786-5900
Fax: (901) 786-5901Sold To: CMC DALLAS TRADING
PO BOX 139094
DALLAS, TX 75313-9094
(214) 689-4300
Fax: (214) 689-5886Ship To: CMC TRADING WAREHOUSE
GREENSPORT TERMINAL
13609 INDUSTRIAL ROAD - GATE 5
UP - PTRS SWITCH ROAD
HOUSTON, TX 77015
(214) 496-5584

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Product	6-1/2" (6.5000) Round 19' 6" 8620-C2R7	B.L. Number	G1-267371
Description	8620-C2R7	Load Number	G1-144824
Customer Spec		Customer Part #	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

3.1 MATERIAL CONFORMS TO ASTM A29; ASTM A322 A304 FINE GRAIN OF 5 OR FINER TO BE MEASURED IN ACCORDANCE WITH ASTM E112

- All manufacturing processes, including melting have been performed in the U.S.A.
- No mercury, mercury compounds or mercury containing devices came into contact with this product.
- Welding or weld repair was not performed on this material.
- This material conforms to the specifications described on this document and may not be reproduced except in full, without written approval of Nucor Corporation.
- This product is NAFTA certified under Paragraph "B" of the NAFTA rule of origin.
- Material is Free of Radioactive Contamination.
- This document is in compliance with EN 10204 "type 3.1"
- Test procedures folled with an asterisk(*) are outside of NSMEM - ISO17025 Accreditation scope
- Results reported for ASTM E45 (Inclusion content) and ASTM E112 (Grain size) are provided as interpretation of ASTM procedures.
- Reported results relate to the material samples subject to test, and are used to qualify material lot# indicated in within this report.
- Export Country USA e-mail contact Memphis.Sales@nsmem.nucor.com


Cory Anthony
Division Metallurgist

HT # 645019

Benteler Steel/Tube GmbH
Postfach 13 40
33043 Paderborn
Deutschland
Tel.: + 49.5254.81-0 Fax: + 49.5254.13698

BENTELER
Steel/Tube

ABNAHMEPRÜFZEUGNIS EN 10204-3.1
INSPECTION CERTIFICATE EN 10204-3.1
CERTIFICAT DE RECEPTION EN 10204-3.1
EN 10204:2005-01

Benteler Steel/Tube GmbH - Postfach 1340 - 33043 Paderborn - Deutschland

Dokument-Nr.: 05-1391953/001/E
Document No.:
No. du document:
Kunden-Bestell-Nr.: 46010557 / Riverview 5017
Purchase Order No.:
No. de commande du client:
Benteler Auftrags-Nr.: 1703016
Benteler Order No.:
No. de commande Benteler:
Versandzettel-Nr.: 6594338
Dispatch Note No.:
No. d'avis d'expédition:
Produkt: NAHTLOSE STAHLROHRE
Product: SEAMLESS STEEL TUBES
Produit: TUBES D'ACIER SANS SOUDURE

Prüf-Nr.:
Inspection No.:
No. du certificat:
Hersteller: Warmrohrwerk Dinslaken
Manufacturer: WRM EN ISO 9001, ATF 16949 CERTIFIED BY TÜV NORD CERT
Producteur: PED 2014/68/EU CERTIFIED BY TÜV NORD SYSTEMS
Herstellerzeichen:
Manufacturer's brand:
Marque du producteur:
Stempel des Abnahmebeauftragten: WA
Stamp of the inspection representative:
Poignon du contrôleur:
Stahlschmelzungsverfahren: ELEKTROSTAHL
Steelmaking process: ELECTRIC FURNACE
Procédé d'élaboration de l'acier: FOUR ELECTRIQUE

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Page:

Lieferbedingungen: Terms of delivery: Conditions de livraison:	API Spec. 5CT Tenth Edition, June 2018, Errata 1: 12.2018, Errata 2: 05.2019, Errata 3: 06.2020 ADDENDUM 1: 01/2021
Maße - Toleranzen: Dimensions-tolerances: Dimensions-tolérances:	API Spec. 5CT Tenth Edition, June 2018, Errata 1: 12.2018, Errata 2: 05.2019, Errata 3: 06.2020 ADDENDUM 1: 01/2021
Stahlsorte: Steel grade: Nuance d'acier:	GRADE P110
Lieferzustand: Delivery condition: État de livraison:	Q
Produktkennzeichnung: Product marking: Marquage du produit:	FK: Coloured rings: one white, at the same end as the marking FS: BENTELER SIGN API 5CT-0194 API SIGN 03-23 PE DIMENSIONS P S P TEST PRESSURE D WA HEAT-NO. Riverview Resources



ABE = Ätzzeichenbeschriftung, Etching ink marking, Gravure à l'encre, PK = Pulverbeschriftung, sublimation, marquage par couleur, FS = Farbschablonenlegung, paint stencil, marquage par peinture, PSD = Pulverstempel, Color jet print, Impression à jet d'encre de couleur, PSL = Pulverstempel, Laser, Color jet printer marks, Impression à jet d'encre de couleur laser, LX = Laserbeschriftung, Laser marking, Marquage laser, PKE = Einzelstempelbeschriftung, tag marking, marquage par étiquette, PE = Prägestempel, die stamp, marquage par préimpression, TS = Titanstempelbeschriftung, ink jet spray marking, Impression à jet d'encre.

Pos.	Stück	Maße	Gesamtlänge	Gewicht	Schmelz-Nr.	Prüfdruck	Rohr-Nr.-Gruppe	Vielfachlängen
Item	Number	Dimensions	Length total	Weight	Heat No.	Test pressure	Tube number group	Multiple lengths
Poste	Nombre	Dimensions	Longueur totale	Poids	No. de coulée	Pression d'épreuve	Série de no. des tubes	Longueurs multiples
			feet	lbs		Psi		
0001	5	5.750" O.D. * 0.312" WT 34 FT - 36 FT	172,18	3234	645019	9600	5	

Benteler Steel/Tube GmbH
Postfach 13 40
33043 Padernborn
Deutschland
Tel.: + 49.5254.81-0 Fax: + 49.5254.13088

BENTELER 
Steel/Tube

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Dokument-Nr.:
Document No.:
No. du document:

65-1391953/001/E

Prof-Nr.:
Inspection No.:
No. du certificat:

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Page:
Page:

Ort der Stahlherstellung / Country of melt and pour / Lieu de l'élaboration de l'acier
BENTELER Steel/Tube GmbH, Lingen, Germany

Schmelzenanalyse [%] / Heat analysis [%] / Analyse sur coulée [%]

Pos.	Schmelzen-Nr.	C	SI	MN	P	S	CR	MO	NI	CU	AL
Item	Heat No.										
Poste	No. de coulée										
					≤ 0,0300	≤ 0,0300					
0001	645019	0,240	0,250	0,71	0,015	0,004	1,03	0,04	0,11	0,24	0,030

Produktanalyse [%] / Product analysis [%] / Analyse sur produit [%]

Pos.	Schmelzen-Nr.	C	SI	MN	P	S	CR	MO	NI	CU	AL
Item	Heat No.										
Poste	No. de coulée										
0001	645019	0,234	0,241	0,73	0,010	0,004	1,02	0,03	0,11	0,24	0,028
0001	645019	0,244	0,250	0,73	0,010	0,004	1,02	0,03	0,11	0,24	0,028

Prüfergebnisse / Test results / Résultats des essais

Die Rohre sind auf Dichtheit geprüft durch: The tubes have been submitted to a leak tightness test by: Les tubes ont passé un contrôle d'étanchéité par:	Hydrostatic test: Test pressure/Time-record, acc. to API 5CT, holding time min 5 seconds	PASSED
Drifttest: Drift test: Contrôle avec un mandrin:	acc. to API 5CT, mandrel diameter = ID - 3.18 mm, over the whole tube length; Drift mandrel length: 152,0 mm; Drift mandrel length: 6"	PASSED
Die Rohre wurden zerstörungsfrei geprüft: The tubes are non destructive tested: Les tubes ont passé un essai non destructif:	UT-longitudinal imperfections: acc. to API 5CT; UT-long. Test method: acc. to ASTM-E 213; Outside notch depth: 5,0 %; Inside notch depth: 5,0 %; Notch length max: 50,0 mm; Notch width max: 1,00 mm; UT-transv. imperfections: acc. to API 5CT; acc. to ASTM-E 213; Outside notch depth: 5,0 %; Inside notch depth: 5,0 %; Notch length: 50,00 mm; Notch width: 1,00 mm	PASSED
Die Rohre wurden zerstörungsfrei geprüft: The tubes are non destructive tested: Les tubes ont passé un essai non destructif:	Geometric inspection: with ultrasonic; wall thickness	PASSED
Augensichtkontrolle: Visual inspection: Examen visuel:	PASSED Maßkontrolle: Dimensions examination: Vérification des dimensions:	PASSED

Benteler Steel/Tube GmbH
Postfach 13 40
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Deutschland
Tel.: + 49.5254.91-0 Fax: + 49.5254.13686

BENTELER
Steel/Tube

ABNAHMEPRÜFZEUGNIS EN 10204-3.1
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Inspection No.:
No. du certificat:

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Ergebnisse der mechanischen Prüfung / Results of mechanical testing / Résultats des essais mécaniques

Die Probenahme erfolgte an Vielfachlängen.
The sampling was carried out on multiple lengths.
L'échantillonnage était réalisé aux longueurs multiples.

Zugversuch längs bei RT. Streifenprobe / Tensile test longitudinal et RT. Strip test specimen / Essai de traction longitudinale à TA. Bande découpée sur tube

Pos. Item Poste	Proben-Nr. Specimen No. No. de l'éprouv.	Schmelzen-Nr. Heat No. No. de coulée	Probenabmessung Specimen dimensions Dimensions de l'éprouv.	Streckgrenze Yield strength Limite élastique	Zugfestigkeit Tensile strength Résistance à la traction	Dehnung Elongation Allongement	
Anforderungen Requirements Exigences			mm	RT 0,6 % KSI 110-140	Rm KSI MIN 125	A2* %	1. Formel 1. Formula 1. Formule
0001	000001	645019	25,50 X 8,20	139	146	18,00	12,91
0002	000002	645019	25,30 X 8,00	138	144	18,00	12,83

Formeln zur Dehnung / Elongation formula / Formule de l'allongement

1. Formel METRIC FORMULA $E = 1942,57 * A^{0,2} / U^{0,9}$

Kerbschlagbiegeversuch / Notched bar impact test / Essai de flexion per choc (résilience) [1 CHARPY V]

Probenlage: längs (L); Prüftemperatur: 32 °F

Specimen position: longitudinal (L); Test temperature: 32 °F

Position de l'éprouvette: longitudinal (L); Température d'essai: 32 °F

Pos. Item Poste	Proben-Nr. Specimen No. No. de l'éprouv.	Schmelzen-Nr. Heat No. No. de coulée	Probenabmessung Specimen dimensions Dimensions de l'éprouvette	Kerbschlagarbeit Absorbed energy Energie absorbée	Kerbschlagzähigkeit Impact strength Résistance au choc	Verf.-Bruchanteil Shear fracture Rupture ductile	Laterale Breitung Lateral expansion Expansion latérale	Sprödbrechanteil Brittle fracture Rupture fragile
Anforderungen Requirements Exigences			Länge Length Longueur	einzel single individuelle	mittel average moyenne	einzel single individuelle	mittel average moyenne	einzel single individuelle
			Breite Width Largeur	einzel single individuelle	mittel average moyenne	einzel single individuelle	mittel average moyenne	einzel single individuelle
			Höhe Height Hauteur	einzel single individuelle	mittel average moyenne	einzel single individuelle	mittel average moyenne	einzel single individuelle
			mm	ft-lbf	ft-lbf	%	%	
			55	MIN 011	MIN 017			
0001	000001	645019	5,00	38				
			5,00	38				
			5,00	40	38			

Konservierung / Protection / Protection
outside surface varnished

Benteler Steel/Tube GmbH
Postfach 13 40
33043 Paderborn
Deutschland
Tel.: + 49.5254.81-0 Fax: + 49.5254.13686

BENTELER 
Steel/Tube

ABNAHMEPRÜFZEUGNIS EN 10204-3.1
INSPECTION CERTIFICATE EN 10204-3.1
CERTIFICAT DE RECEPTION EN 10204-3.1

Dokument-Nr.:
Document No.:
No. du document:

65-1391953/001/E

Prüf-Nr.:
Inspection No.:
No. du certificat:

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Page:

Wärmebehandlung / Heat treatment / Traitement thermique

Hardening temperature: 880°C, Holding time: 1 min., Cooling: Water; Tempering temperature: 590°C, Holding time: 4 min.,
Cooling: Air

Vermerk / Remark / Remarque

Certificate remarks: fully killed, clean steel practice, The steel is produced in an electric arc furnace, ladle and continuous casting machine, argon purged.; Hardenability test: acc. to API 5CT, HRC min = 52 X %C + 21, equivalent to min 50% Martensite fraction, Hardenability test after hardening., 1 measurement point, measurement point: quadrant, 9 indentations; HRC min. = 52 x %C + 21 / Heat No.: 64501B / Requirement: 33,5 / Result: 48,0
Grain size: acc. to ASTM-E 112; Grain size and finer: 5

Verkäufer(in) / Sales Personnel / Personne chargée : Mr Dyka, Tel.: + 49 5254 81-204265

Werk 65, Luisenstraße 117, 46537 Dinslaken, 08.05.2023, TEL.: 02064.623-5370

Abnahmebeauftragter
Inspection representative

Contrôle

I. A. PATRICK HANRATHS / OEGUET

Es wird bestätigt, dass die gelieferten Erzeugnisse den techn. Lieferbedingungen des Auftrages entsprechen. Dieses Dokument wurde mittels EDV erstellt und ist ohne Unterschrift rechtsgültig.
We certify that the supplied products comply with the order specifications. This document was prepared by means of electronic data processing and is valid without signature.
Nous attestons que les produits livrés sont conformes aux stipulations de la commande. Ce document a été établi par traitement électronique de l'information et est valide sans signature.



Certificate of Conformance

CUSTOMER	SHORT BIT AND TOOL	DATE	11/13/2023		
CUST. PO#	VERBAL VICKIE	LEGACY SO#	14594		
WK ORDER#	N/A	CUST SPEC	API SCT LATEST REV		
PART#	N/A	QTY/JT	3	QTY/IN	413.125
DESC	5.750" 18.18# P110 SMSL PE				
HT#	645019				
COMMENTS:					

Legacy Tubular certifies that the above referenced material/services were processed in accordance with the above stated purchase order and Legacy Tubular quality program


SALES COORDINATOR

11/13/2023
DATE

KATE MEANS

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