









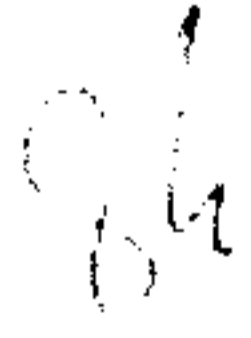



Walzwerke Einsal GmbH		Inspection document DIN EN 10204/3.1		Page: 1	
VAT Reg. No. DE123841325				No. WZ0423-00137 of 04.04.2023	
Walzwerke Einsal GmbH - Postfach 20 - 58769 Nachrodt-Wiblingwerde		Your Order No. LA7427/HOUSTON/ 22-241		Shipment No. VL23-02210/60 Reference-No.	
Symbol of Manufacturers		Surveyor of inspection		CE-sign 0045	
					
our works No. AB22-15082	Item 60	Size 14307 Flat 50,80 x 25,40 mm		Weight 7134 Kg	
Material 14307		Standard Grade of Material		X2CrNi18-9 AISI 304 / 304 L	
Heat Number E221963		Method of melting		E	
Chemical analysis					
C %	0,019	Si %	0,47	Mn %	1,6
P %	0,034	S %	0,024	Cr %	18,15
Co %	0,23	N %	0,079	Ni %	8,07
		Cu %	0,457	Mo %	0,37
Product Information					
Steel bars, 14307 X2CrNi18-9 hot rolled, ASTM A 484, quenched, pickled, straightened, with short lengths see below, with stamping see below, with colour marks see below, in bundles					
Additional Information					
bar length mm: 3658 - 4267 (12' - 14') short lengths: from 3050 mm (10') to max. 10 %, stamping: AISI/EW/HEAT NO./WEE, colour marking: one end YELLOW, packaging max (kg): 530 , packaging instruction: 6 strapping strips, quality: AISI 304 / 304 L, additional information: Stückzahl aufschreiben , DFAR 252.225-7009					
Confirmed requirements					
test certificate: DIN EN 10204/3.1 rev. 01/2005, with: CE-sign; BauPVO (305/2011/EU) acc. declaration of performance downloadable at www.einsal.com acc. to: DIN EN 10088 part 5 rev. 07/2009, delivery instruction: 002-304L rev. 0, tolerance of dimension/shape: ASTM A 484 rev. 2022, , PED 2014/68/EU , AD 2000 data sheet W 2 according to the certified scope rev. 03/2022 , DIN EN 10272 rev. 10/2016 request of technical delivery specification: ASTM A 276 /A 276M rev. 2017 , ASTM A 479 / A 479 M rev. 2021 , ASTM A 182 / A 182 M rev. 2022 , ASME SA 479 / SA 479 M SEC. II PART A rev. 2019 , ASME SA-182/SA-182M SEC. II PART A rev. 2019 , AMS QQS 763 rev. D AMS 5647 rev. M , AMS 5639 rev. K , ASTM A 262 Practice E rev. 2015					
Sample	PRBO23-03526				
Mechanical properties					
Yield strength 0,2% [psi]	41.615				
Tensile strength [psi]	85.840				
Elongation 50mm [%]	57,4				
Reduction of area [%]	60				
Hardness					
HBW	175				
HRC	<20				
Structure					
Grain size	6				
Corrosion resistance					
IC-test (Delivery condition)	ok				
IC-test (sensitized)	ok				

<p>The delivery corresponds to the requirements mentioned. The certificate has been established by machine and acc. to EN 10204 it is legal without Signature.</p> <p>Telephone 0 23 52 3 32-0 Telefax: 0 23 52 33 21 92</p> <p>Walzwerke Einsal GmbH herewith confirms, that the Reach-regulation (EG) No. 1907/2006 as well as the RoHS-regulation 2011/65/EG is met. The material declared in the inspection certificate is free from lead (< 0,1%), mercury content (< 0,1%), cadmium (< 0,01%), hexavalent chromium (< 0,1%) and radioactivity (< 0,1Bq/g). Country of Manufacture: Germany.</p>	<p>Walzwerke Einsal GmbH</p> <p> </p> <p>Senderski / Seeger</p> <p>QA-department / Surveyor of inspection</p>
---	---

Walzwerke Einsal GmbH		Inspection document DIN EN 10204/3.1		Page: 2
VAT Reg. No. DE123841325		No. WZ0423-00137 of		04.04.2023
		Your Order No. LA7427/HOUSTON/ 22-241		
<small>Walzwerke Einsal GmbH - Postfach 20 - 58769 Nachrodt-Wiblingwerde</small>		Shipment No. VL23-02210/60		Reference-No.
Symbol of Manufacturers		Surveyor of inspection		CE-sign 0045
				
our works No. AB22-15082	Item 60	Size 14307 Flat 50,80 x 25,40 mm		Weight 7134 Kg
Material 14307		Standard Grade of Material X2CrNi18-9 AISI 304 / 304 L		
Heat Number E221963		Method of melting E		
Remark				
Country of melt:		Sweden		
Country of manufacture:		Germany		
Mercury:		No contamination		
Macro and micro test:		Satisfactory		
Heat treatment:		Solution annealed 1050°C quenched		
Remark:		No weld repair.		

<p>The delivery corresponds to the requirements mentioned. The certificate has been established by machine and acc. to EN 10204 it is legal without Signature.</p> <p>Telephone 0 23 52 3 32-0 Telefax: 0 23 52 33 21 92</p> <p><small>Walzwerke Einsal GmbH herewith confirms, that the Reach-regulation (EG) No. 1907/2006 as well as the RoHS-regulation 2011/65/EG is met. The material declared in the inspection certificate is free from lead (< 0,1%), mercury content (< 0,1%), cadmium (< 0,01%), hexavalent chromium (< 0,1%) and radioactivity (< 0,1Bq/g). Country of Manufacture: Germany.</small></p>	<p>Walzwerke Einsal GmbH</p> <p> </p> <p>Senderski / Seeger</p> <p>QA-department / Surveyor of inspection</p>
--	---