

SN 6357-01 TO 6357-04.

2500# 4 RTJ XXS R38

C 326198

PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE 1970

	Contract No.: 20002 TECHN.PROTOCOL № 390-11 SPEC.№ 5432/PO53843 DIN EN 10088-3-05,DIN EN 10272-08,AD2000-Merkblatt W2;AD 2000-Merkblatt W10;ASTM A182/A182M-10;ASME SA-182/SA-182M-10;ASTM A276-10;ASTM A314-08,ASTM A479/A479M-10;ASME SA-479/SA-479M-10;ASTM A484/A484M-10;AMS-QQ-S-763B-06 Cond.A;AMS 5648K-07;AMS 5653F-07;ASTM A193/A193M-10GR B8M,CL1; ASME SA-193/SA-193M-10 GR B8,CL 1 ;ASTM A320/A320M-08 GR B8M,CL 1;ASME SA-320/SA-320M-10 GR B8M,CL 1;NACE MR 0175-03;NACE MR 0103-10		Sheets:6 Sheet: 3 INSPECTION CERTIFICATE EN10204/3.1 Nr. 379819 PLANT ORDER № 8014905432
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	CUSTOMER DSS INTERNATIONAL SA Switzerland	PRODUCT DESCRIPTION Bars and rods of corrosion-resistant (stainless) steel forged, peeled .Прутки из коррозионностойких (нержавеющих) сталей кованые, обточенные. STEEL MAKING PROCESS: EAF+ADO СПОСОБ ВЫПЛАВКИ: Электродуговая печь+АКР Round 8.500in/215.90 mm L=4.660/15.279ft L=4.010/13.148ft Grade: 316/316L/1.4401/1.4404	QUANTITY: 1bund Q-3073 lb/1394kg (number of pcs) 1bund Q-2663 lb/1208kg
			Delivery condition solution annealed :1922 ⁰ F(1050 ⁰ C)water 20minutes термообработка:закалка в воду

ANALYSIS, %	C	Si	Mn	P	S	Cr	Ni	Mo	Al	Cu	V	W	Ti	Co	Nb	N	Sn	B
REQUIRED	<.030	<1,00	1.20-2.00	<.040	.015-.030	16.50-18.00	10.00-13.00	2.00-2.50	<.10	<.40	<.10	<.20	<.15	<.40	<.20	<.10		
CAST № A10985	.021	.42	1.36	.039	.022	17.48	10.16	2.05	.068	.27	.05	.05	.005	.10	.01	.032	.0074	.0021

DIN EN 10002-1,ASTM A370-09										TECHNICAL REQUIREMENTS:																	
MECHANICAL PROPERTIES	Yield Strength, (N/mm ²) R0.2% R 1.0%		Tensile Strength, Rm, (N /mm ²)	Elongation		Reducti on of area, Z % L	Brinell Hardness HB	Impact strength, KV, J				Macrostructure – GOOD GRAIN SIZE : 5 to ASTM E 112-96(2004) Nonmetallic inclusions ASTM E 45-05 (Method A) A B C D thin thick thin thick thin thick thin thick 2.0 2.0 2.0 1.0 0.0 0.0 1.0 1.0 ICC-ASTM A262-08 (practice E)-test: O.K. Dimension/surface defects test, anti-mixing test – OK We acknowledge that the delivered products conform to the requirements of the order Ratio of reduction-6.9:1															
	REQUIRED	205		240	45			35	40	50	140-217											100	60				
EFFECTIVE	303	347	562	60	51	58	78	163	207	207	207											70	70	70	72	72	72
	300	341	558	60	51	58	80	163	211	211	211																

US - testing	yes	Results: ASTM A388/A388M-FBH1/8";EN 10228-4 type 1a;class 3:OK	Date: 31.08.2022 Manager of quality assurance department - V. Kapaieva Signed:
Radiation free; mercury free. No Weld or Weld repair.			Melted and Produced in Ukraine. MELTED and MANUFACTURED PrJSC " Dnipropetsstal" Phone number +380612834255 e-mail:info@dss.com.ua http://www.dss-ua.com