

**SOLD TO:** FORTACERO S A DE C V  
BLVD PRESIDENTE CARLOS SALINAS  
DE GORTARI KM 8 8  
APODACANL 66600  
MEXICO



**CERTIFIED MILL TEST REPORT**

**SHIP TO:** FORTACERO - MEXICO CITY (RAIL)  
1430 INDUSTRIAL BLVD  
EAGLE PASS, TX 78852-

Ship from:  
Nucor Steel - Texas  
8812 Hwy 79 W  
JEWETT, TX 75846  
800-527-6445

Date: 20-Jul-2012  
B.L. Number: 610784  
Load Number: 218970

Material Safety Data Sheets are available at [www.nucorbar.com](http://www.nucorbar.com) or by contacting your inside sales representative.

NBMG-08 January 1, 2012

LOT # HEAT #	DESCRIPTION	PHYSICAL TESTS				CHEMICAL TESTS										
		YIELD P.S.I.	TENSILE P.S.I.	ELONG % IN 8"	BEND	WT% DEF	C Ni	Mn Cr	P Mo	S V	Si Cb	Cu Sn	C.E.			
PO# => 4500091271																
JW1210184701	Nucor Steel - Texas	59,300	75,600	25.0%		.10	.95	.011	.039	.19	.29					
JW12101847	6x6x1/2 Angle	409MPa	521MPa			.15	.18	.051	.003	.021						
	20' A36/A529GR50	57,800	74,500	26.0%		CE4020	CEA529									
	ASTM A36-08, A529-05, A709-09a G	399MPa	514MPa			0.33	0.37									
	R36, ASME SA36-07 Ed 11 Ad															
	Cust. Part# = L.5X6															
PO# => 4500091271																
JW1210341301	Nucor Steel - Texas	46,500	65,400	20.0%		.10	.75	.019	.030	.22	.36	.31				
JW12103413	3/4x10" Flat	321MPa	451MPa			.17	.20	.044	.003	.002						
	20' A36	46,900	65,500	21.0%												
	ASTM A36/A36M-08, A709/709M-11 G	323MPa	452MPa													
	R36, ASME SA36-10 Ed '11 Ad.															
	ASTM A709/A709M-11 GR 36															
	ASME SA36-2007 EDITION-2011 ADDE															
	NDA															
	Cust. Part# = SOL.75X10															
PO# => 4500091271																
JW1210551401	Nucor Steel - Texas	41,000	61,400	24.0%		.11	.73	.015	.040	.21	.31					
JW12105514	3/4x8" Flat	283MPa	423MPa			.20	.20	.068	.003	.002						
	20' A36	43,400	64,200	24.0%		CE4020	CEA529									
	ASTM A36/A36M-08, A709/709M-11 G	299MPa	443MPa			0.32	0.36									
	R36, ASME SA36-10 Ed '11 Ad.															
	Cust. Part# = SOL.75X8															

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QUALITY ASSURANCE: Nathan Stewart

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PO# =>	4500091271																		
JW1210552201	Nucor Steel - Texas	45,500	66,000	21.0%			.11	.84	.014	.030	.18	.32	.34						
JW12105522	3/4x12" Flat	314MPa	455MPa				.21	.20	.074	.003	.002								
	20' A36	46,700	66,000	21.0%															
	ASTM A36/A36M-08, A709/709M-11 G	322MPa	455MPa																
	R36, ASME SA36-10 Ed '11 Ad.																		
	ASTM A709/A709M-11 GR 36																		
	ASME SA36-2007 EDITION-2011 ADDE																		
	NDA																		
	Cust. Part# = SOL.75X12																		
PO# =>	4500091271																		
JW1210558801	Nucor Steel - Texas	58,500	75,700	21.0%			.11	.81	.011	.021	.19	.30							
JW12105588	8x11.5# Channel	403MPa	522MPa				.18	.21	.051	.003	.015								
	20' 0" A36/A572GR50	58,600	75,800	24.0%															
	ASTM A36/A36M-08 ASTM A572/A572-	404MPa	523MPa																
	07 GR 50 TY1																		
	Cust. Part# = C08X17																		
PO# =>	4500090438																		
JW1210559902	Nucor Steel - Texas	54,000	74,900	25.0%			.11	.86	.013	.034	.19	.29							
JW12105599	8x13.75# Channel	372MPa	516MPa				.25	.20	.091	.003	.012								
	20' 0" A36/A572GR50	54,300	72,300	23.0%															
	ASTM A36/A36M-08 ASTM A572/A572-	374MPa	498MPa																
	07 GR 50 TY1																		
	Cust. Part# = C08X20																		

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**NUCOR CORPORATION**  
**NUCOR STEEL TEXAS**

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PO# => JW1210560001	4500090438 Nucor Steel - Texas	56,000	75,200	23.0%		.11	.86	.010	.034	.22	.28				
JW12105600	8x13.75# Channel 20' 0" A36/A572GR50 ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1 Cust. Part# = C08X20	386MPa	518MPa			.25	.16	.088	.003	.014					
PO# => JW1210560001	4500091271 Nucor Steel - Texas	56,000	75,200	23.0%		.11	.86	.010	.034	.22	.28				
JW12105600	8x13.75# Channel 20' 0" A36/A572GR50 ASTM A36/A36M-08 ASTM A572/A572- 07 GR 50 TY1 Cust. Part# = C08X20	386MPa	518MPa			.25	.16	.088	.003	.014					
PO# => JW1210563801	4500091271 Nucor Steel - Texas	54,200	75,900	23.0%		.11	.88	.012	.029	.20	.28				
JW12105638	6x4x3/8 Angle 20' A36/A529GR50 ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad Cust. Part# = L.375X4X6	374MPa	523MPa			.21	.20	.095	.003	.020					
PO# => JW1210563901	4500091271 Nucor Steel - Texas	56,400	78,100	20.0%		.11	.81	.012	.029	.19	.26				
JW12105639	6x4x3/8 Angle 20' A36/A529GR50 ASTM A36-08, A529-05, A709-09a G R36, ASME SA36-07 Ed 11 Ad Cust. Part# = L.375X4X6	389MPa	538MPa			.20	.21	.093	.003	.022					
		55,700	76,200	20.0%		CE4020	CEA529								
		384MPa	525MPa			0.34	0.37								

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PO# => JW1210585901	4500091271 Nucor Steel - Texas	54,900	73,500	23.0%			.11	.89	.011	.034	.19	.34		
JW12105859	6x6x1/2 Angle	379MPa	507MPa				.25	.19	.080	.004	.019			
	20' A36/A529GR50	54,500	73,200	20.0%			CE4020	CEA529						
	ASTM A36-08, A529-05, A709-09a G	376MPa	505MPa				0.35	0.39						
	R36, ASME SA36-07 Ed 11 Ad													
	Cust. Part# = L.5X6													
PO# => JW1210586301	4500091271 Nucor Steel - Texas	56,900	73,000	21.0%			.11	.91	.014	.041	.20	.30		
JW12105863	6x6x3/8 Angle	392MPa	503MPa				.25	.20	.073	.004	.020			
	20' A36/A529GR50	56,100	73,600	23.0%			CE4020	CEA529						
	ASTM A36-08, A529-05, A709-09a G	387MPa	507MPa				0.35	0.39						
	R36, ASME SA36-07 Ed 11 Ad													
	Cust. Part# = L.375X6													

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