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 MEXICO

**CERTIFICADO DE CALIDAD
 MILL TEST REPORT**

FACTURA# / INVOICE #
 10206095

SEG. MERCADO / APPLICATION
 COMERCIAL

FECHA / DATE
 28/11/2013

CERTIFICADO # / MTR #
 18294 G

Calidad de Acero / Steel Quality

ID	ESPESOR/ THICKNESS	CALIBRE/ GAUGE	ANCHO/ WIDTH	LARGO/ LENGTH	PESO/ WEIGHT	PIEZAS/ PIECES	CAPA/ COATING	ACABADO/ FINISH	DOBLEZ/ BEND	IMPACTO/ IMPACT	DUREZA/ HARDNESS HRB	ELONG %	LE KSI	RT KSI	COMP. QUIMICA / CHEM. COMP.				NORMA /ASTM	GRADO /GRADE
	MM / IN		MM / IN	MT/FT	kg / Lbs		OZ/FT ²			IN / LBF					%C	%Mn	%P	%S		
30224194	1.9246/0.0762	14	1,221 / 48.070	289 / 948	5,415 / 11,935	1	G 60 FR	PAS	OT	320 / 320	66	32	42	54	0.063	0.328	0.004	0.003	A-653	1008
30224195	1.9246/0.0762	14	1,221 / 48.070	281 / 921	5,270 / 11,615	1	G 60 FR	PAS	OT	320 / 320	66	32	42	54	0.063	0.328	0.004	0.003	A-653	1008
30224200	1.9095/0.0756	14	1,221 / 48.070	271 / 889	5,100 / 11,240	1	G 60 FR	PAS	OT	320 / 320	66	33	50	58	0.067	0.355	0.004	0.002	A-653	1008
30224208	1.8893/0.0748	14	1,221 / 48.070	279 / 915	5,215 / 11,494	1	G 60 FR	PAS	OT	320 / 320	68	33	50	59	0.057	0.338	0.006	0.001	A-653	1008
30224272	1.9019/0.0753	14	916 / 36.060	377 / 1,236	5,260 / 11,593	1	G 60 FR	PAS	OT	320 / 320	60	32	50	58	0.056	0.332	0.009	0.002	A-653	1008
30224278	1.8868/0.0747	14	916 / 36.060	383 / 1,256	5,365 / 11,824	1	G 60 FR	PAS	OT	320 / 320	60	30	50	57	0.064	0.315	0.010	0.003	A-653	1008
30224281	1.9171/0.0759	14	917 / 36.100	338 / 1,108	4,745 / 10,458	1	G 60 FR	PAS	OT	320 / 320	60	32	40	57	0.059	0.334	0.010	0.003	A-653	1008
30224285	1.9120/0.0757	14	917 / 36.100	360 / 1,181	5,065 / 11,163	1	G 60 FR	PAS	OT	320 / 320	60	32	50	58	0.059	0.323	0.012	0.002	A-653	1008

FM: Flor Minima **FR:** Flor Regular **BNZ:** Barnizado **PAS:** Pasivado **AC:** Aceitado **Acr:** Acrilico **PasAc:** Pasivado Aceitado **Cr:** Cromatado **G:** Galvanizado **Az:** Aluminio Zinc
FM: Minimum Spangle **FR:** Regular Spangle **BNZ:** Green Barnish **PAS:** Cheam Treat **AC:** Oiled **Acr:** Acrylic **PasAc:** Cheam Treat Oil **Cr:** Chromated **G:** Galvanized **Az:** Aluminum Zinc

1- # 47126
 2- # 47127
 3- # 47128
 4- # 47129
 5- # 47122
 6- # 47123
 7- # 47124
 8- # 47125

Este certificado cumple con la Norma ASTM A-653/ A-792 segun sea el caso

[Handwritten Signature]
 Gerente de Gestion de Calidad
 Quality Assurance
ACEROS DONDISCH S.A. DE C.V.
RECIBIDO
 DIC. 2 2013