



ACEROS CORSA

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VENDIDO A:

ACEROS TICOMAN S.A DE C.V.
 COLONIA TICOMAN, C.P. 07330
 CALLE A50 1857, NO. 8
 MEXICO, D.F.

EMBARCADO A: 5241

FERRO TULTITLAN S A DE C V
 AV HIDALGO
 XOCOYAHUALCO
 TLALNEPANTLA
 ESTADO DE MEXICO

No. Ext. 16

Certificado de Calidad

FECHA: 2008/02/19 F.- 23713

| No. | MATERIAL | No. COLADA | CALIDAD ACERO | ANALISIS QUIMICO | | | | | | | PROPIEDADES MECANICAS | | |
|-----|---|------------|---------------|------------------|------|------|------|------|------|------|-----------------------|-----------------|-----------------|
| | | | | % C | % Mn | % P | % S | % Si | % V | % Nb | ESFUERZO MAXIMO | LIMITE ELASTICO | % DE ELONGACION |
| 1 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 042582 | A36/529B50 | .24 | 1.05 | .010 | .024 | .21 | .004 | .000 | 78,500 | 59,100 | 22.90 |
| 2 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 042580 | A36/529B50 | .19 | 1.02 | .012 | .029 | .26 | .001 | .000 | 75,300 | 55,500 | 21.70 |
| 3 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 043441 | A36/529B50 | .20 | .99 | .012 | .027 | .24 | .002 | .000 | 74,900 | 55,800 | 21.20 |
| 4 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 043472 | A36/529B50 | .20 | .95 | .012 | .029 | .22 | .002 | .000 | 74,300 | 55,000 | 22.20 |
| 5 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 042582 | A36/529B50 | .24 | 1.05 | .010 | .024 | .21 | .004 | .000 | 78,500 | 59,100 | 22.90 |
| 6 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 042580 | A36/529B50 | .19 | 1.02 | .012 | .029 | .26 | .001 | .000 | 75,300 | 55,500 | 21.70 |
| 7 | ANGULO 1/8" X 1 1/2" X 20" A-36529 G-50 | 043442 | A36/529B50 | .20 | .95 | .012 | .029 | .22 | .002 | .000 | 74,300 | 55,000 | 22.20 |
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Ing. Fernando Rivera

APROBACION

GESTION DE LA CALIDAD