



**Aceros Corsa, S.A. DE C.V.**  
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VENDIDO A:  
 ACEROS TICOMAN S.A DE C.V.  
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 CALLE A#0 1857, NO. 8  
 MEXICO, D.F.

EMBARCADO A: 5820

PLESA ANAHUAC Y CIAS S A DE C V  
 AV VALLE DE LAS ALAMEDAS  
 SAN FRANCISCO CHILPAN  
 TULTITLAN  
 ESTADO DE MEXICO

No. Ext. 66

## Certificado de Calidad

FECHA: 2006/05/12 F. - 9629

| No. | MATERIAL               | No. COLADA | CALIDAD ACERO | ANALISIS QUIMICO |      |      |      |      |      |      | PROPIEDADES MECANICAS |                 |                 |
|-----|------------------------|------------|---------------|------------------|------|------|------|------|------|------|-----------------------|-----------------|-----------------|
|     |                        |            |               | % C              | % Mn | % P  | % S  | % Si | % V  | % Nb | ESFUERZO MAXIMO       | LIMITE ELASTICO | % DE ELONGACION |
| 1   | SOLERA 3/8" X 4" X 20' | 024327     | ASTM36        | .14              | .88  | .010 | .029 | .22  | .002 | .000 | 55,700                | 45,500          | 26.90           |
| 2   | SOLERA 3/8" X 4" X 20' | 024328     | ASTM36        | .13              | .90  | .011 | .029 | .19  | .003 | .000 | 55,400                | 45,100          | 27.10           |
| 3   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 4   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 5   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 6   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 7   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 8   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 9   |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 10  |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 11  |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 12  |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 13  |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 14  |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 15  |                        |            |               |                  |      |      |      |      |      |      |                       |                 |                 |

APROBACION

Inq. Fernando Alvera  
 GESTION DE LA CALIDAD