



**ACEROS CORSA**

**Aceros Corsa, S.A. DE C.V.**

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EMBARCADO A: 5241

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

No. Ext. 16

**Certificado de Calidad**

FECHA: 2008/01/03

F. - 22439

| 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 1/4" X 1 1/2" X 20'  | 041294     | A36/529050    | .15              | .84  | .013 | .033 | .21  | .002 | .000 | 73,400                | 50,900          | 23.50           |
| 2   | SOLERA 1/4" X 1 1/2" X 20'  | 041296     | A36/529050    | .18              | .81  | .013 | .029 | .22  | .002 | .000 | 77,200                | 53,800          | 20.70           |
| 3   | SOLERA 1/4" X 1 1/2" X 20'  | 041303     | A36/529050    | .19              | .83  | .014 | .035 | .23  | .001 | .000 | 77,400                | 53,500          | 22.70           |
| 4   | SOLERA 1/4" X 1 1/2" X 20'  | 041308     | ASTM36        | .16              | .74  | .013 | .041 | .18  | .001 | .000 | 69,800                | 48,300          | 25.70           |
| 5   | SOLERA 5/16" X 1 1/2" X 20' | 041344     | A36/529050    | .16              | .76  | .011 | .030 | .18  | .001 | .000 | 71,100                | 50,600          | 26.60           |
| 6   | SOLERA 5/16" X 1 1/2" X 20' | 041345     | A36/529050    | .18              | .78  | .013 | .031 | .17  | .001 | .000 | 71,600                | 50,700          | 26.00           |
| 7   | SOLERA 5/16" X 1 1/2" X 20' | 041346     | A36/529050    | .16              | .79  | .009 | .028 | .19  | .001 | .000 | 71,500                | 50,900          | 26.40           |
| 8   | SOLERA 5/16" X 1 1/2" X 20' | 041345     | A36/529050    | .18              | .78  | .013 | .031 | .17  | .001 | .000 | 71,600                | 50,700          | 26.00           |
| 9   |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 10  |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 11  |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 12  |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 13  |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 14  |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |
| 15  |                             |            |               |                  |      |      |      |      |      |      |                       |                 |                 |

503035-0610-00A - 1/4  
503040-0610-00A - 5/16

APROBACION

Ing. Fernando Rivera  
GESTION DE LA CALIDAD  
FR