

# CS CUADRADO SÓLIDO

| DESIGNACIÓN LADO |      |       | PESO   | ÁREA            | Ejes X-X y Y - Y |                 |       |
|------------------|------|-------|--------|-----------------|------------------|-----------------|-------|
|                  |      |       |        |                 | I                | S               | r     |
| PERFIL           | mm   | in    | kg/m   | cm <sup>2</sup> | cm <sup>4</sup>  | cm <sup>3</sup> | cm    |
| CS               | 12.7 | 1/2   | 1.266  | 1.613           | 0.217            | 3.41E-03        | 0.367 |
| CS               | 15.9 | 5/8   | 1.978  | 2.520           | 0.529            | 6.668E-03       | 0.458 |
| CS               | 19.1 | 3/4   | 2.848  | 3.629           | 1.097            | 1.152E-02       | 0.550 |
| CS               | 25.4 | 1     | 5.063  | 6.452           | 3.469            | 2.731E-02       | 0.733 |
| CS               | 31.8 | 1 1/4 | 7.910  | 10.081          | 8.468            | 5.334E-02       | 0.917 |
| CS               | 38.1 | 1 1/2 | 11.391 | 14.516          | 17.560           | 9.218E-02       | 1.100 |
| CS               | 50.8 | 2     | 20.250 | 25.806          | 55.498           | 2.185E-01       | 1.466 |

Acero ASTM A-36  $f_y = 2530 \text{ kg/cm}^2$

Acero ASTM A-529-50  $f_y = 3515 \text{ kg/cm}^2$

Acero ASTM A-572-50  $f_y = 3515 \text{ kg/cm}^2$

