

## Tubs rectangulars

**Normes de fabricació:** Tubs quadrats i rectangulars fabricats segons ASTM-A-554 i DIN-2395 Laminat en fred de 1 mm a 1,5 mm i laminat en calent >2,00 mm.

**Qualitats:** Qualitats austenítiques tipus 304-L, 316-L, 316 Tu Disposem de tubs en acabats laminats en fred o calent (lleugerament raspallat), esmerilat, abrillantat o setinat.

**Protecció:** Els tubs abrillantats o setinats se subministren amb recobriment plàstic.

**Dimensions:** Tubs quadrats 10 x 10 mm a 300 x 300 mm. Tubs rectangulars 20 x 10 mm a 400 x 200 mm gruixos de paret de 1,2 a 12,5 mm

**Certificats:** Proporcionem certificats del producte si cal, d'acord amb l'estàndard següent: EN 10204/3.1.B o DIN 50049.

**Aplicacions:** Utilitzats en estructures de façanes, xassís per a autobusos, màquines d'embalatge, estructures de supressió de ruit, estructures de suport, etc.



### Informació tècnica

| Lado A | Lado B | Espesura | Peso    | CALIDAD AISI | AISI  |      |  |
|--------|--------|----------|---------|--------------|-------|------|--|
| mm.    | mm.    | mm.      | Kg/mts. | 304          | 316Ti | 316L |  |
| 20     | 10     | 1        | 0.453   |              |       |      |  |
|        |        | 1.2      | 0.538   |              |       |      |  |
|        |        | 1.5      | 0.661   |              |       |      |  |
|        | 15     | 1        | 0.533   |              |       |      |  |
|        |        | 1.2      | 0.634   |              |       |      |  |
|        |        | 1.5      | 0.781   |              |       |      |  |
| 25     | 10     | 2        | 1.016   |              |       |      |  |
|        |        | 1        | 0.533   |              |       |      |  |
|        |        | 1.2      | 0.634   |              |       |      |  |
|        | 15     | 1        | 0.613   |              |       |      |  |
|        |        | 1.2      | 0.729   |              |       |      |  |
|        |        | 1.5      | 0.901   |              |       |      |  |
|        | 2      |          | 2       | 1.176        |       |      |  |
|        |        | 10       | 1       | 0.613        |       |      |  |
|        |        |          | 1.2     | 0.729        |       |      |  |

|    |    |     |       |   |   |
|----|----|-----|-------|---|---|
|    |    | 1.5 | 0.901 |   |   |
|    |    | 2   | 1.176 |   |   |
|    | 15 | 1   | 0.693 |   |   |
|    |    | 1.2 | 0.825 |   |   |
|    |    | 1.5 | 1.02  |   |   |
|    |    | 2   | 1.335 |   |   |
|    | 20 | 1   | 0.772 |   |   |
|    |    | 1.2 | 0.925 |   |   |
|    |    | 1.5 | 1.146 |   |   |
|    |    | 2   | 1.495 |   |   |
| 35 | 20 | 1   | 0.852 |   |   |
|    |    | 1.2 | 1.017 |   |   |
|    |    | 1.5 | 1.259 |   |   |
|    |    | 2   | 1.654 |   |   |
| 40 | 10 | 1.5 | 1.146 |   |   |
|    |    | 2   | 1.495 |   |   |
|    | 15 | 1   | 0.852 |   |   |
|    |    | 1.2 | 1.017 |   |   |
|    |    | 1.5 | 1.259 |   |   |
|    |    | 2   | 1.654 |   |   |
|    | 20 | 1.2 | 1.106 |   |   |
|    |    | 1.5 | 1.371 |   |   |
|    |    | 2   | 1.84  |   |   |
|    | 30 | 1.2 | 1.31  | x | x |
|    |    | 1.5 | 1.62  |   |   |
|    |    | 2   | 2.15  |   |   |
|    |    | 3   | 3.152 |   |   |
| 50 | 10 | 1.5 | 1.371 |   |   |
|    |    | 2   | 1.84  |   |   |
|    | 20 | 1.2 | 1.31  |   |   |
|    |    | 1.5 | 1.62  |   |   |
|    |    | 2   | 2.15  |   |   |
|    | 25 | 1.2 | 1.415 |   |   |
|    |    | 1.5 | 1.758 |   |   |
|    |    | 2   | 2.319 |   |   |
|    |    | 3   | 3.456 |   |   |
|    | 30 | 1.2 | 1.496 |   |   |
|    |    | 1.5 | 1.859 |   |   |
|    |    | 2   | 2.454 |   |   |
|    |    | 3   | 3.756 |   |   |

|    |    |     |        |   |  |   |
|----|----|-----|--------|---|--|---|
|    |    | 4   | 4.808  |   |  |   |
|    | 40 | 1.5 | 2.122  |   |  |   |
|    |    | 2   | 2.804  |   |  |   |
|    |    | 3   | 4.131  |   |  |   |
| 60 | 10 | 1.5 | 1.62   |   |  |   |
|    |    | 2   | 2.15   |   |  |   |
|    | 20 | 1.2 | 1.496  |   |  |   |
|    |    | 1.5 | 1.859  |   |  |   |
|    |    | 2   | 2.454  | x |  | x |
|    | 30 | 1.5 | 2.122  |   |  |   |
|    |    | 2   | 2.804  |   |  |   |
|    |    | 3   | 4.131  |   |  |   |
|    |    | 4   | 4.65   |   |  |   |
|    | 40 | 1.5 | 2.329  | x |  |   |
|    |    | 2   | 3.08   |   |  |   |
|    |    | 3   | 4.65   |   |  |   |
|    |    | 4   | 5.96   |   |  | x |
| 70 | 20 | 2   | 2.804  |   |  |   |
|    | 40 | 2   | 3.405  |   |  |   |
|    |    | 3   | 5.07   |   |  |   |
|    | 50 | 2   | 3.711  |   |  |   |
|    |    | 3   | 5.491  |   |  |   |
| 80 | 10 | 1.5 | 2.122  | x |  | x |
|    |    | 2   | 2.804  |   |  |   |
|    | 20 | 1.5 | 2.329  |   |  |   |
|    |    | 2   | 3.08   |   |  |   |
|    | 40 | 1.5 | 2.802  |   |  |   |
|    |    | 2   | 3.711  |   |  |   |
|    |    | 3   | 5.491  | x |  | x |
|    |    | 4   | 7.222  |   |  |   |
|    |    | 5   | 8.902  |   |  |   |
|    | 50 | 1.5 | 2.964  |   |  |   |
|    |    | 2   | 4.06   |   |  |   |
|    |    | 3   | 5.928  |   |  |   |
|    |    | 4   | 7.808  |   |  |   |
|    |    | 5   | 9.469  |   |  |   |
|    | 60 | 2   | 4.38   |   |  |   |
|    |    | 3   | 6.53   |   |  |   |
|    |    | 4   | 8.45   |   |  |   |
|    |    | 5   | 10.629 |   |  |   |

|     |     |   |        |  |  |
|-----|-----|---|--------|--|--|
| 100 | 40  | 2 | 4.38   |  |  |
|     |     | 4 | 8.45   |  |  |
|     |     | 5 | 10.629 |  |  |
|     | 50  | 2 | 4.68   |  |  |
|     |     | 3 | 6.95   |  |  |
|     |     | 4 | 9.09   |  |  |
|     |     | 5 | 11.24  |  |  |
|     |     | 6 | 13.49  |  |  |
|     | 60  | 2 | 4.988  |  |  |
|     |     | 3 | 7.53   |  |  |
|     |     | 4 | 9.816  |  |  |
|     |     | 5 | 12.395 |  |  |
|     |     | 6 | 14.6   |  |  |
|     | 80  | 2 | 5.624  |  |  |
|     |     | 3 | 8.388  |  |  |
|     |     | 4 | 11.05  |  |  |
|     |     | 5 | 13.75  |  |  |
|     |     | 6 | 16.22  |  |  |
| 120 | 40  | 2 | 4.988  |  |  |
|     |     | 3 | 7.53   |  |  |
|     |     | 4 | 9.816  |  |  |
|     |     | 5 | 12.395 |  |  |
|     | 60  | 2 | 5.624  |  |  |
|     |     | 3 | 8.388  |  |  |
|     |     | 4 | 11.05  |  |  |
|     |     | 5 | 13.75  |  |  |
|     |     | 6 | 16.22  |  |  |
|     | 80  | 2 | 6.4    |  |  |
|     |     | 3 | 9.53   |  |  |
|     |     | 4 | 12.4   |  |  |
|     |     | 5 | 15.38  |  |  |
|     |     | 6 | 17.5   |  |  |
| 150 | 50  | 3 | 9.53   |  |  |
|     |     | 4 | 12.4   |  |  |
|     |     | 5 | 15.38  |  |  |
|     | 100 | 3 | 11.664 |  |  |
|     |     | 4 | 15.524 |  |  |
|     |     | 5 | 18.8   |  |  |
|     |     | 6 | 22.56  |  |  |
|     |     | 8 | 27.9   |  |  |

|     |     |      |        |  |  |
|-----|-----|------|--------|--|--|
|     |     | 10   | 33.65  |  |  |
| 160 | 80  | 3    | 11.3   |  |  |
|     |     | 4    | 15.03  |  |  |
|     |     | 5    | 18.66  |  |  |
|     |     | 6    | 21.2   |  |  |
| 200 | 100 | 3    | 14.064 |  |  |
|     |     | 4    | 18.624 |  |  |
|     |     | 5    | 22.4   |  |  |
|     |     | 6    | 27.36  |  |  |
|     |     | 8    | 34.3   |  |  |
|     |     | 10   | 41.65  |  |  |
| 250 | 150 | 5    | 30.8   |  |  |
|     |     | 6    | 36.9   |  |  |
|     |     | 8    | 47.25  |  |  |
|     |     | 10   | 57.6   |  |  |
|     |     | 12.5 | 69.85  |  |  |
| 300 | 100 | 5    | 30.8   |  |  |
|     |     | 6    | 36.9   |  |  |
|     |     | 8    | 47.25  |  |  |
|     |     | 10   | 57.6   |  |  |
|     | 200 | 6    | 45.7   |  |  |
|     |     | 8    | 59.45  |  |  |
|     |     | 10   | 73.5   |  |  |
|     |     | 12.5 | 89.6   |  |  |
| 400 | 200 | 6    | 55.3   |  |  |
|     |     | 8    | 72.8   |  |  |
|     |     | 10   | 89.8   |  |  |
|     |     | 12.5 | 109.35 |  |  |