

*hållfasthetsvärden – plåt, plattor enligt EN 485-2*

| legering<br>EN AW | tillstånd | tjocklek mm |        | Rm MPa |     | Rp0,2 MPa |     | förlängning min % |       | hårdhet Brinell<br>(rek. värde) |
|-------------------|-----------|-------------|--------|--------|-----|-----------|-----|-------------------|-------|---------------------------------|
|                   |           | t >         | t.o.m. | min    | max | min       | max | A50 mm            | A     |                                 |
| 1050              | O/H111    | 0,5         | 12,5   | 65     | 95  | 20        |     | 22-35             |       | 20                              |
|                   | H14       | 0,5         | 12,5   | 105    | 145 | 85        |     | 3-6               |       | 34                              |
|                   | H18       | 0,5         | 3,0    | 140    |     | 120       |     | 2                 |       | 42                              |
|                   | H24       | 0,5         | 12,5   | 105    | 145 | 75        |     | 4-8               |       | 33                              |
| 2014              | T3        | 0,4         | 6,0    | 400    |     | 245       |     | 14                |       | 112                             |
|                   | T4        | 0,4         | 12,5   | 395    |     | 240       |     | 14                |       | 110                             |
|                   | T451      | 12,5        | 100,0  | 400    |     | 250       |     |                   | 7-10  | 112                             |
|                   | T6/T651   | 0,4         | 12,5   | 440    |     | 390       |     | 6-7               |       | 133                             |
|                   | T651      | 12,5        | 40,0   | 460    |     | 400       |     |                   | 6     | 138                             |
|                   |           | 40,0        | 60,0   | 450    |     | 390       |     |                   | 5     | 135                             |
|                   |           | 60,0        | 80,0   | 435    |     | 380       |     |                   | 4     | 131                             |
|                   | 80,0      | 100,0       | 420    |        | 360 |           |     | 4                 | 126   |                                 |
|                   | 100,0     | 120,0       | 410    |        | 350 |           |     | 4                 | 123   |                                 |
| 2017A             | T4        | 1,5         | 6,0    | 390    |     | 245       |     | 15                |       | 110                             |
|                   | T451      | 6,0         | 12,5   | 390    |     | 260       |     | 13                |       | 111                             |
|                   |           | 12,5        | 100,0  | 385    |     | 240       |     |                   | 10-12 | 108                             |
| 2024              | T4        | 0,4         | 6,0    | 425    |     | 275       |     | 12-14             |       | 120                             |
|                   | T3/T351   | 0,4         | 3,0    | 435    |     | 290       |     | 12-14             |       | 123                             |
|                   |           | 3,0         | 12,5   | 440    |     | 290       |     | 13-14             |       | 124                             |
|                   | T351      | 12,5        | 40,0   | 430    |     | 290       |     |                   | 11    | 122                             |
|                   |           | 40,0        | 80,0   | 420    |     | 290       |     |                   | 8     | 120                             |
|                   |           | 80,0        | 100,0  | 400    |     | 285       |     |                   | 7     | 115                             |
|                   |           | 100,0       | 120,0  | 380    |     | 270       |     |                   | 5     | 110                             |
|                   | 120,0     | 150,0       | 360    |        | 250 |           |     | 5                 | 104   |                                 |
| 5005              | H14       | 0,5         | 6,0    | 145    | 185 | 120       |     | 2-4               |       | 48                              |
|                   | H24/H34   | 0,5         | 6,0    | 145    | 185 | 110       |     | 4-6               |       | 47                              |
| 5052              | O/H111    | 0,5         | 6,0    | 170    | 215 | 65        |     | 12-19             |       | 47                              |
|                   | H12       | 0,5         | 12,5   | 210    | 260 | 160       |     | 5-10              |       | 63                              |
|                   | H22/H32   | 0,5         | 12,5   | 210    | 260 | 130       |     | 6-12              |       | 61                              |
| 5083              | O/H111    | 0,5         | 12,5   | 275    | 350 | 125       |     | 12-16             |       | 75                              |
|                   |           | 12,5        | 80,0   | 270    | 345 | 115       |     | 14-15             |       | 73                              |
|                   |           | 80,0        | 150,0  | 255    |     | 105       |     | 12                |       | 69                              |
|                   | H116      | 1,5         | 12,5   | 305    |     | 215       |     | 8-12              |       | 89                              |
|                   | H12       | 0,5         | 12,5   | 315    | 375 | 250       |     | 4-7               |       | 94                              |
|                   | H22/H32   | 0,5         | 12,5   | 305    | 380 | 215       |     | 6-10              |       | 89                              |
| 5754              | O/H111    | 0,5         | 100,0  | 190    | 240 | 80        |     | 14-18             |       | 52                              |
|                   | H12       | 0,5         | 40,0   | 220    | 270 | 170       |     | 5-9               |       | 66                              |
|                   | H14       | 0,5         | 12,5   | 240    | 280 | 190       |     | 3-5               |       | 72                              |
|                   | H22/H32   | 0,5         | 12,5   | 220    | 270 | 130       |     | 8-10              |       | 63                              |
|                   | H24/H34   | 0,5         | 6,0    | 240    | 280 | 160       |     | 6-8               |       | 70                              |
| 6061              | T6/T651   | 1,5         | 12,5   | 290    |     | 240       |     | 6-10              |       | 88                              |
| 6082              | T4/T451   | 1,5         | 12,5   | 205    |     | 110       |     | 14                |       | 58                              |
|                   | T6/T651   | 1,5         | 6,0    | 310    |     | 260       |     | 7-10              |       | 94                              |
|                   |           | 6,0         | 12,5   | 300    |     | 255       |     | 9                 |       | 91                              |
|                   | T651      | 12,5        | 100,0  | 295    |     | 240       |     |                   | 7-8   | 89                              |
|                   | 100,0     | 175,0       | 275    |        | 230 |           |     | 4-6               | 83    |                                 |
| 7020              | T6/T651   | 1,5         | 12,5   | 350    |     | 280       |     | 8-10              |       | 104                             |
|                   | T651      | 12,5        | 175,0  | 330    |     | 260       |     |                   | 6-9   | 98                              |
| 7022              | T6/T651   | 6,0         | 50,0   | 450    |     | 370       |     | 7-8               |       | 125                             |
|                   |           | 50,0        | 100,0  | 430    |     | 350       |     | 5                 |       | 110                             |
|                   |           | 100,0       | 200,0  | 410    |     | 330       |     | 3                 |       | 100                             |
| 7075              | T6/T651   | 1,5         | 12,5   | 540    |     | 460       |     | 7                 |       | 160                             |
|                   | T651      | 12,5        | 25,0   | 540    |     | 470       |     |                   | 6     | 161                             |
|                   |           | 25,0        | 50,0   | 530    |     | 460       |     |                   | 5     | 158                             |
|                   |           | 50,0        | 60,0   | 525    |     | 440       |     |                   | 4     | 155                             |
|                   |           | 60,0        | 90,0   | 490    |     | 390       |     |                   | 4     | 144                             |
|                   |           | 90,0        | 100,0  | 460    |     | 360       |     |                   | 3     | 135                             |
|                   |           | 100,0       | 120,0  | 410    |     | 300       |     |                   | 2     | 119                             |
|                   |           | 120,0       | 150,0  | 360    |     | 260       |     |                   | 2     | 104                             |

med reservation för ev. fel