



## Profils : États métallurgiques et Alliages

| Etats / Alliages      | 6060<br>(Al Mg Si0,5)                 | 6063<br>(Al Mg0,7 Si)                 | 6005A<br>(Al Si MgA)                 | 6082<br>(Al Si1 Mg Mn)               | 6061*<br>(Al Mg1 Si Cu)               |
|-----------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| F                     | o                                     | o                                     | o                                    | o                                    | o                                     |
| T4                    | o<br>Rm 120MPa, Rp0,2<br>60MPa, A16%  | o<br>Rm 130MPa, Rp0,2<br>65MPa, A14%  | o<br>Rm 180MPa, Rp0,2<br>90MPa, A15% | o<br>Rm 120MPa, Rp0,2<br>60MPa, A16% | o<br>Rm 180MPa, Rp0,2<br>110MPa, A15% |
| T5                    | o<br>Rm 140MPa, Rp0,2<br>100MPa, A8%  | o<br>Rm 170MPa, Rp0,2<br>130MPa, A8%  | o                                    | o<br>Rm 270MPa, Rp0,2<br>230MPa, A8% |                                       |
| T6                    | o<br>Rm 170MPa, Rp0,2<br>140MPa, A8%  | o<br>Rm 195MPa, Rp0,2<br>160MPa, A8%  | o<br>Rm 260MPa, Rp0,2<br>215MPa, A8% | o<br>Rm 310MPa, Rp0,2<br>260MPa, A8% | o<br>Rm 260MPa, Rp0,2<br>240MPa, A9%  |
| T66                   | o<br>Rm 215MPa, Rp0,2<br>160MPa, A8%  | o<br>Rm 245MPa, Rp0,2<br>200MPa, A8%  |                                      |                                      |                                       |
| T64<br>Etat de pliage | o<br>Rm 180MPa, Rp0,2<br>120MPa, A12% | o<br>Rm 180MPa, Rp0,2<br>120MPa, A12% |                                      |                                      |                                       |
| T6510<br>Recuit       |                                       |                                       |                                      | o<br>Rm 310MPa, Rp0,2<br>260MPa, A8% |                                       |