

## British Standard Specifications

The following table is a guide to the alloys which are covered by form in the British Standard range of specifications. ASTM grades given are approximate equivalents only. To be of maximum use, this table includes obsolescent, historic, as well as current references. Always check that you have the most recent issue of the specification before proceeding further.

Multiple numbers for the same product description cover different ruling sections

| Spec. No | Alloy           | Form                                 |
|----------|-----------------|--------------------------------------|
| TA 1     | CP Ti Gr 1      | Sheet, strip                         |
| TA 2     | CP Ti Gr 2      | Sheet, strip                         |
| TA 3     | CP Ti Gr 2      | Bar, machining stock                 |
| TA 4     | CP Ti Gr 2      | Forging stock                        |
| TA 5     | CP Ti Gr 2      | Forgings                             |
| TA 6     | CP Ti Gr 3      | Sheet, strip                         |
| TA 7     | CP Ti Gr 4      | Bar                                  |
| TA 8     | CP Ti Gr 3      | Forging stock                        |
| TA 9     | CP Ti Gr 4      | Forging stock                        |
| TA 10    | Ti-6Al-4V       | Sheet, strip                         |
| TA 11    | Ti-6Al-4V       | Bar and section for machining        |
| TA 12    | Ti-6Al-4V       | Forging stock                        |
| TA 13    | Ti-6Al-4V       | Forging stock                        |
| TA 14-17 | Ti-5Al-2.5Sn    | Various and obsolete                 |
| TA 18    | Alloy 679 (IMI) | Bars for machining                   |
| TA 19    | Alloy 679 (IMI) | Forging stock                        |
| TA 20    | Alloy 679 (IMI) | Forgings                             |
| TA 21-24 | Ti-2% Cu        | Various replaced by TA 52-55         |
| TA 25    | Alloy 679 (IMI) | Bars for machining                   |
| TA 26    | Alloy 679 (IMI) | Forging stock                        |
| TA 27    | Alloy 679 (IMI) | Forgings                             |
| TA 28    | Ti-6Al-4V       | Forging stock and wire for fasteners |

|          |                                      |                               |
|----------|--------------------------------------|-------------------------------|
| TA 29-37 | Ti-4Al-4Mo-2Sn<br>(550)              | Replaced by TA 45 - 51        |
| TA 38    | Ti-4Al-4Mo-4Sn<br>(551)              | Bar, machining stock          |
| TA 39    | Ti-4Al-4Mo-4Sn                       | Forging stock                 |
| TA 40    | Ti-4Al-4Mo-4Sn                       | Bar, machining stock          |
| TA 41    | Ti-4Al-4Mo-4Sn                       | Forging stock                 |
| TA 42    | Ti-4Al-4Mo-4Sn                       | Forgings                      |
| TA43     | Ti-<br>6Al-5Zr-0.5Mo-0.25Si<br>(685) | Forgings                      |
| TA44     | Ti-<br>6Al-5Zr-0.5Mo-0.25Si<br>(685) | Forgings                      |
| TA 45    | Ti-4Al-4Mo-2Sn<br>(550)              | Bar, machining stock          |
| TA 46    | Ti-4Al-4Mo-2Sn                       | Bar, machining stock          |
| TA 47    | Ti-4Al-4Mo-2Sn                       | Forging stock                 |
| TA 48    | Ti-4Al-4Mo-2Sn                       | Forging stock                 |
| TA 49    | Ti-4Al-4Mo-2Sn                       | Bar, machining stock          |
| TA 50    | Ti-4Al-4Mo-2Sn                       | Forging stock                 |
| TA 51    | Ti-4Al-4Mo-2Sn                       | Forging stock                 |
| TA 52    | Ti-2% Cu                             | Sheet and strip               |
| TA 53    | Ti-2% Cu                             | Bar and section for machining |
| TA 54    | Ti-2% Cu                             | Forging stock                 |
| TA 55    | Ti-2% Cu                             | Forgings                      |
| TA 56    | Ti-6Al-4V                            | Plate                         |
| TA 57    | Ti-4Al-4Mo-2Sn<br>(550)              | Plate                         |
| TA 58    | Ti-2% Cu                             | Plate                         |
| TA 59    | Ti-6Al-4V                            | Sheet, strip                  |
| BS 1639  | All alloys                           | Test, bend                    |

|         |                  |                    |
|---------|------------------|--------------------|
| BS 3531 | CP Ti 35A (Gr 1) | Bar, billet, sheet |
| BS 4A4  | All alloys       | Test, samples      |
| BS 5750 | All alloys       | Quality system     |
| BS 7252 | Ti-6Al-4V        | Sheet/ bar         |