

# Cast Machinability Ratings

| Copper Alloy UNS No. | Product Description    | Machinability |
|----------------------|------------------------|---------------|
| C83800               | Leaded Red Brass       | 90            |
| C84400               | Leaded Semi-Red Brass  | 90            |
| C84800               | Leaded Semi-Red Brass  | 90            |
| C89520               | Bismuth Tin Bronze     | 85            |
| C89831               | Bismuth Tin Bronze     | 85            |
| C83600               | Leaded Red Brass       | 84            |
| C89833               | Bismuth Tin Bronze     | 81            |
| C84200               | Leaded Semi-Red Brass  | 80            |
| C85700               | Leaded Naval Brass     | 80            |
| C89320               | Bismuth Tin Bronze     | 80            |
| C89325               | Bismuth Tin Bronze     | 80            |
| C93600               | High-Leaded Tin Bronze | 80            |
| C93700               | High-Leaded Tin Bronze | 80            |
| C93800               | High-Leaded Tin Bronze | 80            |
| C93900               | High-Leaded Tin Bronze | 80            |
| C94000               | High-Leaded Tin Bronze | 80            |
| C94100               | High-Leaded Tin Bronze | 80            |
| C94300               | High-Leaded Tin Bronze | 80            |
| C89835               | Bismuth Tin Bronze     | 70            |
| C89844               | Bismuth Tin Bronze     | 70            |
| C92800               | Leaded Tin Bronze      | 70            |
| C93200               | Leaded Tin Bronze      | 70            |
| C93400               | High-Leaded Tin Bronze | 70            |
| C93500               | High-Leaded Tin Bronze | 70            |
| C97300               | Nickel Silver Bronze   | 70            |
| C97600               | Nickel Silver Bronze   | 70            |
| C86400               | Manganese Bronze       | 65            |
| C95400               | Aluminum Bronze        | 60            |
| C95400HT             | Aluminum Bronze        | 60            |
| C95410               | Aluminum Bronze        | 60            |
| C95410HT             | Aluminum Bronze        | 60            |
| C95600               | Nickel Aluminum Bronze | 60            |
| C97800               | Nickel Silver Bronze   | 60            |

| Copper Alloy UNS No. | Product Description      | Machinability |
|----------------------|--------------------------|---------------|
| C86700               | Manganese Bronze         | 55            |
| C95300               | Aluminum Bronze          | 55            |
| C95300HT             | Aluminum Bronze          | 55            |
| C94800               | Leaded Nickel-Tin Bronze | 50            |
| C95500               | Nickel Aluminum Bronze   | 50            |
| C95500HT             | Nickel Aluminum Bronze   | 50            |
| AMS 4880-C95510      | Nickel Aluminum Bronze   | 50            |
| C99500               | Special Alloy            | 50            |
| C92700               | Leaded Tin Bronze        | 45            |
| C95520HT             | Nickel Aluminum Bronze   | 45            |
| C92200               | Leaded Tin Bronze        | 42            |
| C92300               | Leaded Tin Bronze        | 42            |
| C92900               | Leaded Nickel-Tin Bronze | 40            |
| C86200               | Manganese Bronze         | 30            |
| C90300               | Tin Bronze               | 30            |
| C90500               | Tin Bronze               | 30            |
| C92500               | Nickel Phosphor Bronze   | 30            |
| C86500               | Manganese Bronze         | 26            |
| C90700               | Tin Bronze               | 20            |
| C90810               | High Tin Bronze          | 20            |
| C91000               | Tin Bronze               | 20            |
| C91600               | High Tin Bronze          | 20            |
| C91700               | High Tin Bronze          | 20            |
| C94700               | Nickel-Tin Bronze        | 30            |
| C94700HT             | Nickel-Tin Bronze        | 30            |
| C95200               | Aluminum Bronze          | 20            |
| C95800               | Nickel Aluminum Bronze   | 20            |
| C96400               | Copper-Nickel            | 20            |
| C91100               | High Tin Bronze          | 10            |
| C91300               | Tin Bronze               | 10            |
| C95900               | Aluminum Bronze          | 10            |
| C86300               | Manganese Bronze         | 8             |

