

Continuous-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 yellow 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
C87850	Silicon brass	70
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

Copper alloy UNS no.	Product description	Machinability
C97800	Nickel silver bronze	60
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
C95510 (AMS 4880)	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

Note: HT = heat treated.