

Centrifugally cast bronze bearing

Japanese Industrial Standard (JIS)

Copper Alloys	Cu	Sn	Pb	Zn	Fe	Ni	P	Al	Mn	Si	Sb
Aluminium Bronze											
CAC701 (ALBC1)	85.0 min	0.1	0.1	0.5	1.0-3.0	0.1-1.0	-	8.0-10.0	0.1-1.0	-	-
CAC702 (ALBC2)	80.0 min	0.1	0.1	0.5	2.5-5.0	1.0-3.0	-	8.0-10.5	0.1-1.5	-	-
CAC703 (ALBC3)	78.0 min	0.1	0.1	0.5	3.0-6.0	3.0-6.0	-	8.5-10.5	0.1-1.5	-	-
CAC704 (ALBC4)	71.0 min	0.1	0.1	0.5	2.0-5.0	1.0-4.0	-	6.0-9.0	7.0-15.0	-	-
Tin Bronze											
CAC402 (BC2)	86.0-90.0	7.0-9.0	1.0	3.0-5.0	0.2	0.8	0.03	0.005	-	0.005	0.2
CAC403 (BC3)	86.5-89.5	9.0-11.0	1.0	1.0-3.0	0.2	0.8	0.03	0.005	-	0.005	0.2
CAC502A(PBC2), CAC502B (PBC2B)	87.0-91.0	9.0-12.0	-	0.3	0.2	0.5	0.1	0.005	-	0.005	0.05
CAC503A,CAC503B (PBC3B)	84.0-88.0	12.0-15.0	-	0.3	0.2	0.5	0.1	0.005	-	0.005	0.05
Gun Metal											
CAC401 (BC1)	79.0-83.0	2.0-4.0	3.0-7.0	8.0-12.0	0.35	0.8	0.03	0.005	-	0.005	0.2
CAC406 (BC6)	83.0-87.0	4.0-6.0	4.0-6.0	4.0-6.0	0.3	0.8	0.03	0.005	-	0.005	0.2
CAC407 (BC7)	86.0-90.0	5.0-7.0	1.0-3.0	3.0-5.0	0.2	0.8	0.03	0.005	-	0.005	0.2
CAC408	84.0-88.0	4.0-6.0	2.0-4.0	5.0-7.0	0.3	0.8	0.03	0.005	-	0.005	0.2
Leaded Bronze											
CAC602 (LBC2)	82.0-86.0	9.0-11.0	4.0-6.0	1.0	0.2	1.0	0.05	0.005	-	0.005	0.3
CAC603 (LBC3)	77.0-81.0	9.0-11.0	9.0-11.0	1.0	0.2	1.0	0.05	0.005	-	0.005	0.05
CAC604 (LBC4)	74.0-78.0	7.0-9.0	14.0-16.0	1.0	0.2	1.0	0.05	0.005	-	0.005	0.05
CAC605 (LBC5)	70.0-76.0	6.0-8.0	16.0-22.0	1.0	0.2	1.0	0.05	0.005	-	0.005	0.05
High Tensile Brass											
CAC301 (HBsC1)	55.0-60.0	1.0	0.4	Rem.	0.5-1.5	1.0	-	0.5-1.5	0.1-1.5	0.1	-
CAC302 (HBsC2)	55.0-60.0	1.0	0.4	Rem.	0.5-2.0	1.0	-	0.5-2.0	0.1-3.5	0.1	-
CAC303 (HBsC3)	60.0-65.0	0.5	0.2	Rem.	2.0-4.0	0.5	-	3.0-5.0	2.5-5.0	0.1	-
CAC304 (HBsC4)	60.0-65.0	0.2	0.2	Rem.	2.0-4.0	0.5	-	5.0-7.5	2.5-5.0	0.1	-
Brass											
CAC801 (SzBC1)	84.0-88.0	-	0.1	9.0-11.0	-	-	-	0.5	-	3.5-4.5	-
CAC802 (SzBC2)	78.5-82.5	-	0.3	14.0-16.0	-	-	-	0.3	-	4.0-5.0	-
CAC803 (SzBC3)	80.0-84.0	-	0.2	13.0-15.0	0.3	-	-	0.3	0.2	3.2-4.2	-
CAC201 (YBsC1)	83.8-88.0	0.1	0.5	Rem.	0.2	0.2	-	0.2	-	-	-
CAC202 (YBsC2)	65.0-70.0	1.0	0.5-3.0	Rem.	0.6	1.0	-	0.5	-	-	-
CAC203 (YBsC3)	58.0-64.0	1.0	0.5-3.0	Rem.	0.6	1.0	-	0.5	-	-	-