

## Cadmium-less Silver Brazing alloys out of JIS Standard

Brazing Alloy	Chemical Composition(%)					Melting Temp. (Degree)		Brazing Temp.	Density	Characteristics and Uses
	Ag	Cu	Zn	Sn	Ni	Solidus	Liquidus			
BA-335	35	33	30	2		655	740	740~840	8.9	general use for copper,iron alloy,for radiator,large size-heat exchanger etc.
BA-143	40	30	29	1		660	710	710~810	9.3	higher fluidity and wider range of use than BA-335 for radiator,large size-heat exchanger etc
BA-345	45	25	29	1		664	700	700~800	9.1	general use For copper,iron alloy,high fluidity,for brass parts
BA-148	48	28	19	5		640	690	690~780	9.4	similar type of BA-107,economical,high fluidity general use for food devices,copper,iron alloys
BA-340	40	40	20			690	800	800~900	9.2	general use for brazing of heavy electrical machinery (motor),compressor parts etc.
BA-30N	30	34	35		1	686	768	768~870	8.8	Nickel-containing and excellent mechanical property,For stainless steels,cemented carbide tools etc.
BA-35N	35	31	33		1	681	757	757~857	8.9	higher fluidity than BA-30N,for stainless steels,cemented carbide tools etc.