

SEVILLE BRONZE ALLOY CAPABILITY

STANDARD ALLOY CAPABILITY (Seville **988** and **2901** - our most popular alloys)

ALLOY DESIGNATION			NOMINAL CHEMISTRY								MECHANICAL PROPERTIES			
FAMILY	CDA	SEVILLE	Cu	Sn	Pb	Zn	Ni	Fe	Al	Mn	Tensile (ksi)	Yield (ksi)	Elong%	BHN (Kg load)
Leaded High Strength Yellow Brass (Leaded Manganese Bronze)	NA	988	61.0		1.0	36.5			1.0		60	25	20	111 (3000)
	NA	2901	58.0		2.0	39.0			0.5		57	20	20	103 (3000)
Leaded Red Brass	C83600	40	85.0	5.0	5.0	5.0					30	14	20	
Leaded Yellow Brass	C85700	857	61.0	1.0	1.0	36.0					40	14	15	
High Strength Yellow Brass (Manganese Bronze)	C86300	430B	63.0			25.0		3.0	6.0	3.5	110	60	12	223 (3000)
	C86500	43	58.0			39.0		1.0	1.0	0.8	65	25	20	
Leaded High Strength Yellow Brass (Leaded Manganese Bronze)	C86400	864	59.0	1.0	1.0	38.0		1.0	1.0	0.8	60	20	15	105 (3000)
Aluminum Bronze	C95300	9B	89.0					1.0	10.0		65	25	20	110 (3000)
	C95400	9C	85.0					4.0	11.0		75	30	12	150 (3000)

OTHER ALLOY CAPABILITY, Contact Sales for Availability

High Strength Yellow Brass (Mn Bronze)	C86200	430A	63.0			25.0		3.0	4.0	3.5	90	45	18	180 (3000)
Tin Bronze	C90300	NG	88.0	8.0		4.0								
	C90500	62	88.0	10.0		2.0					40	18	20	75 (500)
	C90700	65	89.0	11.0							50	28	12	95 (500)
	C91000	197	85.0	15.0		1.0								
	C91100	196	84.0	16.0										
Leaded Tin Bronze	C92200	NM	88.0	6.0	1.5	4.5					34	16	22	65 (500)
	C92500	640	87.0	11.0	1.0		1.0							
	C92700	63	88.0	10.0	2.0									
	C92900	929	84.0	10.0	2.5		3.5							
High Leaded Tin Bronze	C93200	660	83.0	7.0	7.0	3.0					30	14	15	65 (500)
Aluminum Bronze	C95200	9A	88.0					3.0	9.0		65	25	20	110 (3000)
	C95500	9D	80.0				4.0	4.0	11.0		90	40	6	190 (3000)
	C95800	958	81.0				4.5	4.0	9.0	1.0	85	35	15	
Nickel Silver	C97300	410	55.0	2.0	10.0	21.0	12.0				30	15	8	
	C97600	412	65.0	4.0	4.0	6.0	20.0				40	17	10	

22 Milton Street
Seville, OH 44273

Ph: 330-769-2071 Fax: 330-769-2073 Email: randyr@sevillebronze.com