

CROSS REFERENCE GUIDE

		Nominal Composition %					Most Common ASTM Spec.			
CDA No.	Alloy Name	Cu	Sn	Al	Si	Other	S	R	W	T
507	Phosphor Bronze 1.8%	98.2	1.8						B105	
509	Phosphor Bronze 3%	96.8	3.2			P.2				
510	Phosphor Bronze 5%A	95	5			P.2	B103	B139	B159	
511	Phosphor Bronze 4%	96	4			P.2	B103			
521	Phosphor Bronze 8%C	92	8			P.3		B139	B159	
524	Phosphor Bronze 10%D	90	10			P.1		B139	B159	
534	Leaded Phos. Bronze 5% B-1	94	5			Pb1		B139		
544	Free Cutting Phos. Bronze B-2	88	4		Zn4	Pb4		B139		
642	Duronze 642	91		7	2	As.08		B150		
649	Duronze 649	97.6	1.4		1					
651	Duronze 651	98.1			1.6	Mn.3		B98	B99	
655	Duronze 655	95.9			3	Mn1.1		B99		
667	Manganese Brass	70	28.8			Mn1.2	B291			
694	Silicon Red Brass	81.5	14.5			Si4		B371		
697	Leaded Silicon Red Brass	77.5	18.5		Pb1	Si3		B371		
702	Copper Nickel 30 ohms - cml/ft	98		2					B267	
705	Copper Nickel 60 ohms - cml/ft	94		6		Mn.1			B267	

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CDA No.	Alloy Name	Cu	Sn	Al	Si	Other	S	R	W	T
706	Copper Nickel 10%	88.6		10		Fe1.4			B151	B111
707	Copper Nickel 90 ohms - cml/ft	90		10					B267	
710	Copper Nickel 20%	80		20						
711	Copper Nickel 180 ohms - cml/ft	77		23		Mn.1			B267	
715	Copper Nickel 30%	69.5		30		Fe.5		B151		B111
725	Cunistan 9-2	88.2		9.5	2.3		B122			
735	Nickel Silver 72-18	72	10	18						
740	Nickel Silver 71-10	71	19	10						
745	Nickel Silver 65-10	65	25	10				B151	B206	
752	Nickel Silver 65-18	65	17	18				B151	B206	
754	Nickel Silver 65-15	65	20	15						
757	Nickel Silver 65-12	65	23	12				B151	B206	
760	Nickel Silver 62-8	62	30	8						
766	Nickel Silver 62-8	62	30	8						
770	Nickel Silver 55-18	55	27	18				B151	B206	
792	Leaded Nickel Silver 62-12	61.5	25.5	12		Pb1		B151	B206	
9158	Cunistan 15-8	77		15	8					

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CDA No.	Alloy Name	Cu	Sn	Al	Si	Other	S	R	W	T
9596	Cunistan 9-6	85		9	6					
101	Oxygen Free Certified	99.99 min					B152	B133	B1,2,3	B75
102	Oxygen Free	99.95 min					B152	B133	B1,2,3	B75
103	Phosphorized Oxygen Free XLP	99.99 min		Ag.027-8 oz/ton		P .003		B187		B75
104	Oxygen Free with Ag	99.95 min		Ag.085-25 oz/ton			B152			
107	Oxygen Free with Ag	99.95 min					B152			B188
108	Phosphorized Oxygen Free LP	99.95 min				P .008				B75
110	Electrolytic Tough Pitch	99.90 min		Ag.034-10 oz/ton		0.04 Nom	B152	B133	B1,2,3	
114	Tough Pitch with Ag	99.90 min		Ag.054-16 oz/ton			B152			
115	Tough Pitch with Ag	99.90 min					B272			
122	Phosphorized Dexoxidized	99.90 min		As.3		P .03	B152		B1,2,3	B75
142	Phosphorized Dexoxidized Arsenical	99.4 min				P .02				B111
150	Zirconium Copper	99.85				Zr .15				
155	Phos. Magnesium Silver Copper	99.80	Ag .04		Mg .11	P .05				
189	Copper Welding Wire	98.7	Si 0.3		.8	Mn 0.2				
210	Gulding 95%	95	5				B36		B134	

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CDA No.	Alloy Name	Cu	Sn	Al	Si	Other	S	R	W	T
220	Commercial Bronze 90%	90	10				B36		B134	B135
226	Jewelry Bronze 87.5%	87.5	12.5							
230	Red Brass 85%	85	15				B36		B134	B135
234	Special Red Brass 83%	83	17							
240	Low Brass 80%	80	20				B36		B134	
260	Cartridge Brass 70%	70	30				B36		B134	B135
268	Yellow Brass 66%	66	34				B36			
270	Yellow Brass 65%	65	35						B134	
274	Yellow Brass 63%	63	37							
314	Leaded Commercial Bronze	89	9.1	1.9				B140		
320	Leaded Red Brass	85	13.2	1.8						
330	Low Leaded Brass	66	33.5	.5						B135
332	High Leaded Brass	66	32.4	1.6						B135
335	Low Leaded Brass 65%	65	34.5	.5				B453		
344	Low Leaded Brass 64%	64	35.2	.8						
353	High Leaded Brass 62%	62	36.2	1.8		B121	B453			

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220	Commercial Bronze 90%	90	10				B36		B134	B135
356	Ex High Leaded Brass 62%	62	35.5	2.5						
360	Free Cutting Brass	61.5	35.5	3				B16		
377	Forging Brass	60	38	2				B124		
411	Contact Bronze .90-0.5	90	9.5		.5		B591			
425	Contact Bronze .88-2	88	10		2		B591			
436	Contact Bronze .81-0.4	81	18.6		.4					
443	Admiralty Arsenical	71	28		1	As .06				B111
444	Admiralty Antimonial	71	28		1	Sb .06				B111
445	Admiralty Phosphorized	71	28		1	P .06				B111
462	Naval Brass 63.5%	64.8	34.6		.6					
464	Naval Brass	60	39.2		.8			B21		
485	Naval Brass High Leaded	60	37.4	1.8	.8			B21		