

AERONAUTICAL MATERIAL SPECIFICATION

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BRASS SHEET, LAMINATED
70Cu - 30Zn

1. ACKNOWLEDGMENT: A vendor shall mention this specification number and its revision letter in all quotations and when acknowledging purchase orders.
2. APPLICATION: Primarily for shims in which thickness is to be adjusted by removal of laminations as required.
3. COMPOSITION:

Copper	68.5 - 71.5
Lead	0.07 max
Iron	0.05 max
Zinc	remainder

Note. The above composition applies to the brass sheet from which laminated shim stock is made.

4. FABRICATION:

- 4.1 Laminated shim stock shall be fabricated from brass sheet in hard temper. Stock shall consist completely of laminations each 0.002 in. \pm 0.0002 or 0.003 in. \pm 0.0002 thick, or partly of such laminations combined with a single thicker lamination, as ordered, sweated together with special metallic binder such that individual laminations may be peeled for adjustment of shim thickness.
- 4.2 Stock shall be of the following thicknesses and combinations of laminated and solid sheet:

Nominal Overall Thick- ness of Shim Stock, Inch	All		Half Solid Half Lamina- ted	Half Solid Half Lamina- ted	Three Quarters Solid One Quarter Laminated	Three Quarters Solid One Quarter Laminated
	All Laminated (0.002 in. Lamina- tions)	All Laminated (0.003 in. Lamina- tions)	(0.002 in. Lamina- tions)	(0.003 in. Lamina- tions)	(0.002 in. Lamina- tions)	(0.003 in. Lamina- tions)
0.006	X					
0.008	X					
0.010	X					
0.016	X	X				
0.020	X	X				
0.032	X	X				
0.047	X	X				
0.062	X	X	X	X		
0.094	X	X	X	X		
0.125	X	X	X	X	X	X

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