

STANDARDS ASSOCIATION OF AUSTRALIA.

Headquarters :
Science House, Gloucester and Essex Streets, Sydney.

AUSTRALIAN STANDARD SPECIFICATION FOR AIRCRAFT MATERIAL
(Emergency Series)

SINGLE SPRING WASHERS

This standard forms one of a series prepared by the Standards Association of Australia at the request of Departments of the Commonwealth Government for use in relation to the supply of materials required for defence purposes. In appropriate cases these specifications will be reviewed for inclusion in the normal series of Australian Standards.

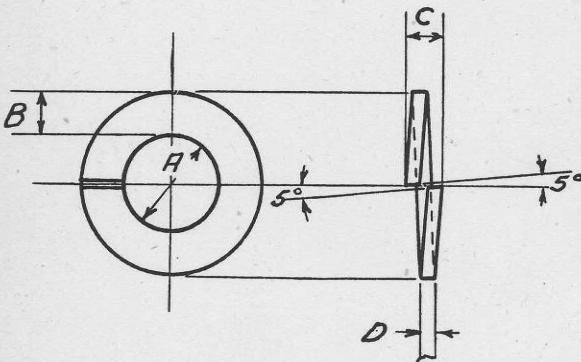
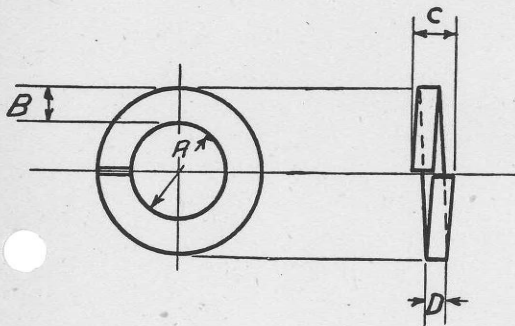
1. **Material.** All washers shall be made from best quality spring steel, and shall be spring tempered.
2. **Dimensions.** All washers shall be in accordance with the dimensions and tolerances given in Tables I and II.
3. **Anti-corrosion Coating.** Unless otherwise ordered, all washers shall be uniformly coated with zinc or cadmium by an approved process. The thickness of such coating shall be not less than 0.0003 in.

TABLE I.

Equiv- alent AGS No.	Mark	Nominal Size	Tolerances		C in.	D	
			A + 0.015 in.	B + 0.02 in.		s.w.g.	in.
162-A	A	6 B.A.	.13	.05	.125	18	.048
-B	B	4 B.A.	.16	.06	.125	18	.048
-C	C	2 B.A.	.20	.06	.14	16	.064
-D	D	1/4 in.	.27	.07	.16	16	.064
-E	E	5/16 "	.33	.07	.187	14	.08
-F	F	3/8 "	.39	.10	.20	12	.104
-G	G	7/16 "	.46	.11	.20	12	.104
-H	H	1/2 "	.52	.12	.25	10	.128

TABLE II.
THIN TYPE.

Equiv- alent AGS No.	Mark	Nominal Size	Tolerances		C	D	
			A + 0.01 in.	B + 0.01 in.		s.w.g.	in.
585-A	AT	6 B.A.	.13	.10	.10	20	.036
-B	BT	4 B.A.	.16	.10	.12	20	.036
-C	CT	2 B.A.	.20	.12	.13	18	.048
-CC	CCT	7/32 in.	.24	.12	.14	17	.056
-D	DT	1/4 "	.26	.125	.16	17	.056
-E	ET	5/16 "	.33	.14	.19	16	.064
-F	FT	3/8 "	.40	.16	.22	15	.072
-G	GT	7/16 "	.46	.18	.22	15	.072
-H	HT	1/2 "	.52	.215	.24	14	.08
-I	IT	9/16 "	.59	.235	.30	12	.104
-J	JT	5/8 "	.65	.26	.30	12	.104



*This Australian Standard comprises British Air Ministry Specifications A.G.S. 162 and A.G.S. 585. For reference to the specification the Australian classification number (E) D.2513 should be used.

This specification, prepared by the Special Committee on Aircraft Materials and Components, was approved on behalf of the Council of the Association on 16th April, 1941.

NOTE.

In order to keep abreast of progress in the industries concerned, Australian standards are subject to periodical review. Suggestions for improvement, addressed to the Headquarters of the Association, will be welcomed.

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