

AUGUST, 1941

EMERGENCY STANDARD

No. (E) D.2518—1941

being

British Air Ministry Specifications

Nos. A.G.S. 167*

A.G.S. 213

endorsed with amendment.

STANDARDS ASSOCIATION OF AUSTRALIA.

Headquarters :

Science House, Gloucester and Essex Streets, Sydney.

AUSTRALIAN STANDARD SPECIFICATION FOR AIRCRAFT MATERIAL

(Emergency Series)

SOLID AND SPLIT TAPER PINS

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.

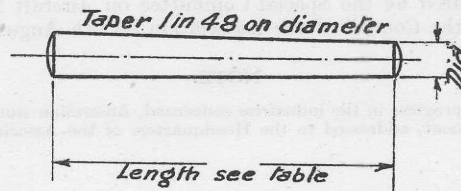
(The order shall state the Part Number of the Pins required.)

1. Material. All taper pins shall be made from steel bars complying with the requirements of British Standard Specification No. 2 S.21.†

2. Dimensions. All solid and split taper pins shall be in accordance with the dimensions and tolerances given in Tables I and II respectively.

3. Anti-corrosion Coating. Unless otherwise ordered, all taper pins 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.
SOLID TAPER PINS.

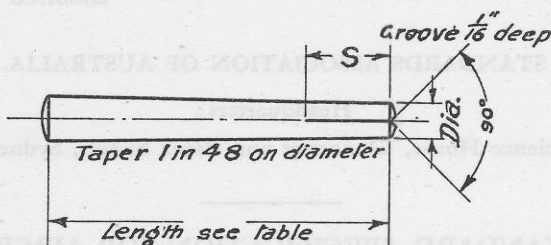


Length $\pm .04$ in.	Diameter in.						
	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
	Part Numbers (A.G.S. 167)						
$\frac{1}{2}$	1	11	21	31	41	51	61
$\frac{3}{4}$	2	12	22	32	42	52	62
1	3	13	23	33	43	53	63
$1\frac{1}{4}$	4	14	24	34	44	54	64
$1\frac{1}{2}$	5	15	25	35	45	55	65
$1\frac{3}{4}$	6	16	26	36	46	56	66
2	7	17	27	37	47	57	67
$2\frac{1}{2}$	8	18	28	38	48	58	68
3	9	19	29	39	49	59	69
4	10	20	30	40	50	60	70

*This Australian Standard comprises British Air Ministry Specifications A.G.S. 167 and A.G.S. 213 with amendment of A.G.S. 213 part numbers. For reference to the specification in its amended form it is essential that the Australian classification number (E) D.2518 should be used.

†B.S. No. 2 S.21 has been endorsed without amendment as A.S. No. (E) D. 506.

TABLE II.
SPLIT TAPER PINS.



Length ± .04 in.	S in.	Diameter in.				
		1/8	3/16	1/4	5/16	3/8
		Part Numbers (A.G.S. 213 with S added)				
1/2	1/8	1S				
3/4	1/4	2S	11S			
1	5/16	3S	12S	21S		
1 1/4	3/8	4S	13S	22S		
	1/2				31S	
1 1/2	3/8	5S	14S	23S		
	1/2				32S	
1 3/4	3/8	6S	15S	24S		
	1/2				33S	42S
2	3/8	7S	16S			
	1/2			25S		
	5/8				34S	43S
2 1/2	5/8	8S	17S	26S	35S	44S
3	5/8	9S	18S	27S	36S	45S

This specification, prepared by the Special Committee on Aircraft Materials and Components, was approved on behalf of the Council of the Association on 6th August, 1941.

NOTE.

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

Length	S	1/8	3/16	1/4	5/16	3/8
1/2	1/8	1S				
3/4	1/4	2S	11S			
1	5/16	3S	12S	21S		
1 1/4	3/8	4S	13S	22S		
	1/2				31S	
1 1/2	3/8	5S	14S	23S		
	1/2				32S	
1 3/4	3/8	6S	15S	24S		
	1/2				33S	42S
2	3/8	7S	16S			
	1/2			25S		
	5/8				34S	43S
2 1/2	5/8	8S	17S	26S	35S	44S
3	5/8	9S	18S	27S	36S	45S