

<p>Accredited Standards Committee H35</p> <p>ALUMINUM and ALUMINUM ALLOYS</p> <p>ANSI Accredited Standards Committee</p>	<p>Secretariat:</p> <p>The Aluminum Association, Inc. 1400 Crystal Drive, Suite 430 Arlington, VA 22202</p> <p>Telephone: (703) 358-2978 e-mail: jcowie@aluminum.org</p>
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DATE: April 22, 2019

TO: Luis Enrique Adan Rodriguez

From: John Weritz
Vice President, Standards & Technology
jweritz@aluminum.org

RE: PS19-106 ANSI Interpretation question on table 11.2

Dear Mr Rodriguez,

The question that you submitted on March 29, 2019 was reviewed by our Technical Committee on Product Standards. The response is summarized as follows:

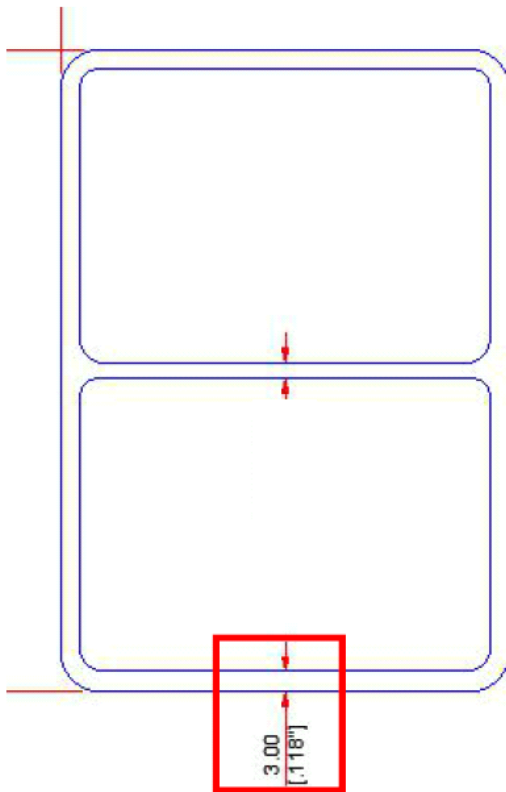
Your Question:

I need your support in a doubt over ASD standard table 11.2, I send you a file please download.
Please focus on wall thickness enclosed in the red square. 3mm [.118"]
Which one column tolerance apply? Col. 2 or Col 3

Which one column applied over this wall thickness (col. 2 or col. 3)?

Note: Standard tolerance allow 6xxx

col. 2 -



SPECIFIED DIMENSION	METAL DIMENSIONS			
	ALLOWABLE DEVIATION FROM SPECIFIED DIMENSION WHERE 75 PERCENT OR MORE OF THE DIMENSION IS METAL ⁽⁹⁾ ⁽¹⁰⁾			
	in.		Wall Thickness ⁽⁴⁾ Completely ⁽⁵⁾ Enclosing Space 0.11 sq. in. and Over (Eccentricity)	
Col. 1	Col. 2		Col. 3	
	Standard Tolerance, All Except 5XXX Alloys ⁽¹¹⁾	Precision Tolerance, All Except 5XXX Alloys	Standard Tolerance, All Except 5XXX Alloys ⁽¹¹⁾	Precision Tolerance, All Except 5XXX Alloys
	Up thru 0.124	0.006	0.004	±10% of specified dimension; ±0.010 min.
	0.125–0.249	0.007	0.005	
	0.250–0.499	0.008	0.005	±10% of specified dimension; ±0.060 max. ±0.010 min.
	0.500–0.749	0.009	0.006	
	0.750–0.999	0.010	0.007	
	1.000–1.499	0.012	0.008	
	1.500–1.999	0.014	0.009	
	2.000–3.999	0.024	0.016	
	4.000–5.999	0.034	0.022	
	6.000–7.999	0.044	0.029	
	8.000–9.999	0.054	0.036	

Our Response:

For the measurement you describe, the tolerance is provided in column 3.

With best regards,

John G. Weritz

cc: TCPS Members
 ASC H35 Members
 Lee Simowitz – Baker & Hostetler
 “Response Letter to ANSI Interpretation Questions” Folder