

<b>(c) Aluminium alloys:</b>			
<b>Wrought<sup>1,2</sup></b>		<b>Cast</b>	
<b>Alloy</b>	<b>Condition</b>	<b>Alloy<sup>3</sup></b>	<b>Condition</b>
1000 series	All	355.0, C355.0	T6
2011	T8	356.0, A356.0	All
2024, rod bar	T8	357.0	All
2219	T6, T8	B358.0 (Tens-50)	All
(E) 2419	T8	359.0	All
(E) 2618	T6, T8	380.0, A380.0	As cast
3000 series	All	514.0 (214)	As cast <sup>5</sup>
5000 series	All <sup>4,5</sup>	518.0 (218)	As cast <sup>5</sup>
6000 series	All	535.0 (Almag 35)	As cast <sup>5</sup>
(E) 7020	T6 <sup>6</sup>	A712.0, C712.0	As cast
7049	T73		
7149	T73		
7050	T73		
7075	T73		
7475	T73		
1. Mechanical stress relieved (TX5X or TX5XX) where possible. 2. Including weldments of the weldable alloys. 3. The former designation is shown in parenthesis when significantly different. 4. High magnesium content alloys 5456, 5083 and 5086 should be used only in controlled tempers (H111, H112, H116, H117, H323, H343) for resistance to stress-corrosion cracking and exfoliation. 5. Alloys with magnesium content greater than 3,0 % are not recommended for high-temperature application, 66 °C (150 °F) and above. 6. Excluding weldments. (E) ESA classification - not in NASA MSFC-SPEC-522A.			