

## Supporting a Wide Range of Dimensions

Higher plate thickness tolerance and flatness than ordinary types are achieved using sophisticated manufacturing technology. Supports a wide range of dimensional requirements such as plate width and thickness.

### Dimensional Tolerance

Category	Alloy Number	Grade Category Product Name	Thickness (mm)	Thickness Tolerance (mm)	Width Tolerance (mm)	Length Tolerance (mm)	Flatness (mm/mm)
Alloy Plate	5052	High-precision Alloy Plate FP52	4 or higher Less than 8	±0.04	+5 -0	+5 -0	0.2 or less /1,000
			8 or higher Less than 13	±0.05			
			13 or higher Less than 18	±0.08			
			18 or higher Less than 20	±0.09			
			20 or higher Less than 25	±0.10			
			25 or higher Less than 30	±0.12			
			30 or higher Less than 35	±0.15			
			35 or higher Less than 45	±0.20			
		45 or higher Less than 50	±0.25				
		Standard Alloy Plate FusPlate	4 or higher Less than 5	±0.06	+5 -0	+5 -0	0.2 or less /1,000
			5 or higher Less than 6	±0.07			
			6 or higher Less than 7	±0.08			
			7 or higher Less than 13	±0.10			
			13 or higher Less than 16	±0.15			
			16 or higher Less than 18	±0.16			
			18 or higher Less than 20	±0.18			
			20 or higher Less than 22	±0.20			
			22 or higher Less than 23	±0.22			
			23 or higher Less than 28	±0.25			
			28 or higher Less than 31	±0.30			
	31 or higher Less than 36		±0.30				
	36 or higher Less than 50	±0.40	+5 -0	+5 -0	0.3 or less /1,000		
	50 or higher Less than 51	±0.50					
	51 or higher Less than 55	±0.50					
	55 or higher Less than 65	±0.60					
	65 or higher Less than 75	±0.65	+5 -0	+5 -0	1.2 or less /1,000		
	75 or higher 100 or less	±0.85					
	5083	General-use Alloy Plate JIS compliant	6 or higher 7 or less	±0.12	+5 -0	+5 -0	1.2 /1,000
			More than 7 15 or less	±0.25			
			More than 15 22 or less	±0.30			
			More than 22 30 or less	±0.40			
			More than 30 35 or less	±0.50			
			More than 35 40 or less	±0.55			
More than 40 50 or less			±0.65				
More than 50 55 or less			±0.75				
More than 55 70 or less			±0.95				
More than 70 75 or less			±1.15				
More than 75 100 or less	±1.40						
2017 2024 6101 6061 7204 7075	General-use Alloy Plates JIS compliant	More than 6 8 or less	±0.50	+5 -0	+5 -0	7 or less /2,000	
		More than 8 11 or less	±0.60				
		More than 11 16 or less	±0.70				
		More than 16 22 or less	±0.80				
		More than 22 29 or less	±0.90				
		More than 29 35 or less	±1.00				
		More than 35 40 or less	±1.10				
		More than 40 50 or less	±1.30				
		More than 50 55 or less	±1.50				
		More than 55 70 or less	±1.90				
More than 70 75 or less	±2.30						
More than 75 100 or less	±2.80						
Extra-thick Plate	5052 5083	-	More than 100 640 or less	±3	±5	±5	Requires Consultation

Non-heat-treated Alloys
  Heat-treated Alloys

