

# Tolerances - JIS G 3350 & SS 104

Tolerances	Lipped channels & Plain Channels		
		JIS G 3350	SS 104
Outside Dimension	Height (H) - Under 150mm Height (H) - 150mm or over to 300mm, excl. Height (H) - 300mm or over Side (A) Lip (C)	± 1.5mm ± 2.0mm ± 3.0mm ± 1.5mm ± 2.0mm	± 1.5mm ± 2.0mm ± 3.0mm ± 1.5mm ± 1.0mm
Thickness	Wall Thickness	Tolerances	
	1.6mm 2.0mm, 2.3mm 2.8mm 3.0mm, 3.2mm 4.0mm, 4.5mm 6.0mm	± 0.22mm ± 0.25mm ± 0.28mm ± 0.30mm ± 0.45mm ± 0.60mm	
Tolerances of Length	7m or under Over 7m	+40mm, -0mm For each increase of 1m or its fraction in length, add 5mm to the tolerances on plus side given	
Out of Roundness	-		
Concavity / Convexity	-		
Squareness of Size	Angle between adjacent plate parts ±1.5°		
External Corner Profile	-		
Twist	-		
Straightness	2mm/m		
Mass	mass < 600kg : ± 10% 600kg ≤ mass < 2000kg : ± 7.5% 2000kg ≥ mass : ± 5%		