

# Tolerance - JIS G 3350 & SS 104

Tolerances	Lipped Channels & Plain Channels		
		JIS G 3350	SS 104
Outside Dimension (OD)	Height (H) - Under 150mm	± 1.5mm	± 1.5mm
	Height (H) - 150mm or over to 300mm, excl	± 2.0mm	± 2.0mm
	Height (H) - 300mm or over	± 3.0mm	± 3.0mm
	Side (A)	±1.5mm	±1.5mm
	Lip ('C)	± 2.0mm	± 1.0mm
Thickness (t)	Wall Thickness	Tolerances	
	1.6mm	± 0.22mm	
	2.0mm , 2.3mm	± 0.25mm	
	2.8mm	±0.28mm	
	3.0mm, 3.2mm	±0.30mm	
	4.0mm, 4.5mm	±0.45mm	
	6.0mm	±0.60mm	
Tolerances of Length	7m or under	+40mm, -0mm	
	Over 7m	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%		