

# Lipped Channels & Plain Channels

## Tolerances - JIS G 3350 & SS 104

| Tolerances              | Lipped Channels & Plain Channels  |   |   |
|-------------------------|---|---|---|
|                         |   | JIS G 3350  | SS 104  |
| Outside Dimension       | Height (H) - Under 150mm<br>Height (H) - 150mm or over to 300mm, excl.<br>Height (H) - 300mm or over<br>Side (A)<br>Lip (C) | ± 1.5mm<br>± 2.0mm<br>± 3.0mm<br>± 1.5mm<br>± 2.0mm   | ± 1.5mm<br>± 2.0mm<br>± 3.0mm<br>± 1.5mm<br>± 1.0mm |
| Thickness               | Wall Thickness  | Tolerances  |   |
|                         | 1.6mm<br>2.0mm, 2.3mm<br>2.8mm<br>3.0mm, 3.2mm<br>4.0mm, 4.5mm<br>6.0mm   | ± 0.22mm<br>± 0.25mm<br>± 0.28mm<br>± 0.30mm<br>± 0.45mm<br>± 0.60mm  |   |
| Tolerances of Length    | 7m or under<br>Over 7m  | ± 40mm, -0mm<br>For each increase of 1m or its fraction in length, and 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%<br>600kg ≤ mass < 2000kg : ± 7.5%<br>2000kg ≥ mass : = 5%  |   |   |

Note: SS 104 specification can be produce upon customer request.