

# 5182-RSS

**KOBELCO**

5182-RSS is a non-heat treatable alloy with good formability and reduced stretcher-strain mark.

This grade is suitable for inner body panel applications, such as hood inner, door inner, reinforcement parts, etc.

Temper	TS MPa	YS MPa	EL %
O: As-delivered	≥250	110-150	≥23

Chemical Composition	Wt. %
Si	≤0.20
Fe	≤0.35
Cu	≤0.15
Mn	≤0.50
Mg	4.00-5.50
Cr	≤0.10
Zn	≤0.30
Ti	≤0.20
Others, each	≤0.05
Others, total	≤0.15

**Available Lubricants:** N6130,E1,AL200,PL39SX,R303P,Nox-Rust550KH

**Available surface treatments:** Mill finish or EDT. Acid Etch or TiZr

**Available gauge:** 0.8-2.5 mm

**Available width:** 200-1955 mm

**Available finishing processes:** Trimming and Slitting.

Cut to length with Rectangle, Trapezoid, and Arc shape  
(R1200,R1480,R1600,R2000,R2500,R3000,R4000)