

6C16-IF

KOBELCO

6C16-IF is a heat treatable alloy which has developed for excellent formability.

This grade is suitable for fine designed body panel applications, such as body side outer, trunk outer, etc.

Temper	TS MPa	YS MPa	EL %
T4: As-delivered	≥200	90-130	≥26
2% pre-strain and 20min at 185°C	≥260	≥190	-

Chemical Composition	Wt. %
Si	0.8-1.5
Fe	≤0.50
Cu	≤0.25
Mn	≤0.20
Mg	0.20-0.60
Cr	≤0.10
Zn	≤0.20
Ti	≤0.15
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: 0.8-1.2 mm

Available width: 200-2020 mm

Available finishing processes: Trimming and Slitting.

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