

● Requirements & solutions

	Aluminium	Steel with appropriate coating	Stainless A2	Stainless A4	Stainless A5	Stainless A6
colour distinction		xxx				
visual identification		xxx				
weight-saving	xxx		x	x	x	x
durable	x	x → xxx	xx	xxx	xxx	xxx
easily recycable	xxx	xxx	xxx	xxx	xxx	xxx
electrical conductivity	xxx	xx	xx	xx	xx	xx
high/low temperature properties	x	xx	xx	xxx	xxx	xxx
non-magnetic	xxx		x	x	x	x
increased corrosion resistance	xx	o	xxx	xxx	xxx	xxx
resistant to atmospheric exposure	xx	o	xxx	xxx	xxx	xxx
resistant to chloride atmospheres		o		xxx	xxx	xxx
resistant to polluted environments		o		xxx	xxx	xxx
resistant to harsh environments		o			xxx	xxx
resistant to process fluids		o			xxx	xxx
top coating possible		xxx				
passivation possible			x	x	x	x

Legend	
o	possible influence
x	small influence
xx	larger influence
xxx	largest influence