

	Commercially pure aluminium	Aluminium alloys	Copper	Copper alloys	Mild steel	Medium carbon steel	Low alloy steel	Through hardening steel	High speed steel	Austenitic stainless steel	Ferritic stainless steel	Duplex stainless steel	PH stainless steel	Martensitic stainless steel	Nickel	Nickel alloys	Niobium	Titanium alloys	Tungsten	Zirconium
Commercially pure aluminium	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Aluminium alloys	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Copper	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Copper alloys	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Mild steel	Green	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Red	Red	Red
Medium carbon steel	Green	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Red	Red	Red
Low alloy steel	Green	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Red	Red	Red
Through hardening steel	Green	Green	Green	Green	Red	Red	Red	Red	Red	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red	Red
High speed steel	Green	Green	Green	Green	Red	Red	Red	Red	Red	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red	Red
Austenitic stainless steel	Green	Green	Green	Green	Green	Yellow	Red	Red	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red	Red	Red
Ferritic stainless steel	Green	Green	Green	Green	Green	Yellow	Red	Red	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red	Red	Red
Duplex stainless steel	Green	Green	Green	Green	Green	Yellow	Red	Red	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red	Red	Red
PH stainless steel	Green	Green	Green	Green	Green	Yellow	Red	Red	Green	Green	Green	Green	Green	Yellow	Red	Red	Red	Red	Red	Red
Martensitic stainless steel	Green	Green	Green	Green	Yellow	Yellow	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Nickel	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Nickel alloys	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Niobium	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Titanium alloys	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Tungsten	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Zirconium	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green



- Generally readily weldable
- Generally readily weldable may require post weld heat treatment
- Generally readily weldable post weld heat treatment recommended
- Weldability varies depending upon alloy
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