

Extrusion Alloy Characteristics and Applications

Alloy	Temper	Resistance to Corrosion		Workability	Machinability	Brazeability	Weldability			Some Application of Alloys
		General	Stress Corrosion				Gas	Arc	Resistance Spot	
6005	T1, T5	--	--	--	--	A	A	A	A	Structural Applications
6060	T1, T4	A	A	B	D	A	A	A	A	Genral purposes, architectural applications
	T5	A	A	C	C	A	A	A	A	
	T6	A	A	C	C	A	A	A	A	
6061	0	B	A	A	D	A	A	A	B	Heavy-duty structures requiring good corrosion resistance, truck and marine, railroad cars, furniture, pipelines.
	T4	B	B	B	C	A	A	A	A	
	T6	B	A	C	C	A	A	A	A	
6063	T1	A	A	B	D	A	A	A	A	Pipe railings, furniture, architectural extrusions. Most popular extrusion alloy.
	T4	A	A	B	D	A	A	A	A	
	T5	A	A	B	C	A	A	A	A	
	T6	A	A	C	C	A	A	A	A	
6463	T1	A	A	B	D	A	A	A	A	Extruded architectural and trim pieces for bright dip anodizing or polishing.
	T5	A	A	B	C	A	A	A	A	
	T6	A	A	C	C	A	A	A	A	

Information obtained from Aluminum Extrusion Manual, printed by the Aluminum Association.