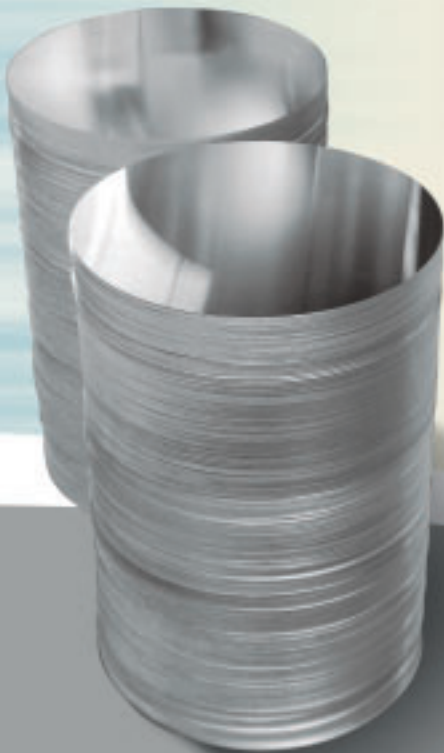


circles

circles

Alcoa supplies aluminium circles in a wide variety of sizes and alloys. Two state of the art circle blanking presses combined with open shear processing enable our facilities to supply a diverse range of markets. Aluminium circles are specialized products that are mostly used in the production of cookware, traffic signals, gas containers, automobile brakes and antennae. Our metallurgical processes ensure availability of deep drawing quality specifications that match these demanding applications.



circles technical data

ALLOY AND TEMPER IN FUNCTION OF THICKNESS

- Alloy: according to EN 573-3:95
- Temper: according to EN 515:95
- Mechanical properties: according to EN 485-2:95.

Alloy	Temper	Thickness (mm)
1050, 1200	0	0.8-9
	0, H12, H14, H22	0.8-6
3003, 3103 3004, 3005	0	0.8-9
4006	0	0.8-9
5251, 5052, 5754	0, H12, H22	0.8-7
6082	0	2.0-9

Different alloy and temper combination is always a subject of preliminary discussion

AVAILABLE DIAMETERS ACCORDING TO CUTTING METHODS

	Open cutting	Blanking
Thickness range (mm)	0.8-6	0.8-9
Diameter range (mm)	425-1500	150-900

TOLERANCES

- Thickness tolerance according to EN 941:95
- Diameter tolerance according to EN 851:92

SURFACE QUALITY

- Mill finish: in all thickness range
- Chemically degreased: maximum thickness is 3.0 mm