

## HOMOGENIZED ALUMINIUM BILLETS

- Aluminium homogenized bars

**Extrusion according to standards:** EN 755-9; EN 12020.

Quality suitable for decorative anodizing.

**Available grades:** 6060, 6063, 6082, 6005A.

**Bar diameters:** 127mm, 145mm, 178mm, 190mm.

**Length:** L-6m +/- 10mm.

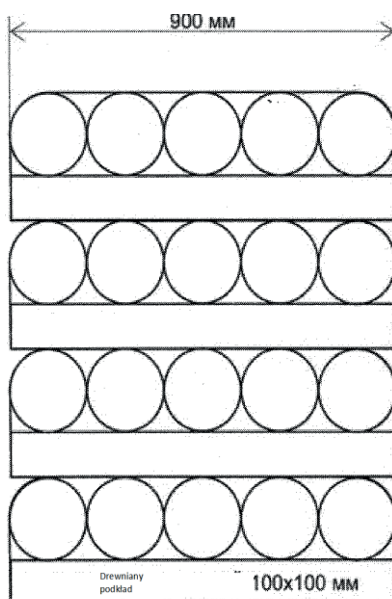
**Homogenization:** homogenization temperature 560-590 C for 4 hours -0/+2 h. Then cooling to a temperature of 250 C – 1.5h, then to a temperature of 50 C within 2 h.

**Curvature:** maximum 3mm per meter at any point, not more than 12mm along the entire length.

**Surface quality:** clean, smooth, without pitting and scale. Material free from oxidized elements, corrosion.

**Packing:** bars are places on 3 wooden sleepers and stapled with plastic tape in 5-8 places.

Form of packaging:



Examples of chemical composition:

Designation of the alloy		EN AW-6063 (EN AW-AlMgSi)
Chemical composition, % (aluminium is base)	Si	0,39 – 0,48
	Mg	0,43 – 0,52
	Ti	< 0,1
	Fe	0,1 – 0,35
	Cu	<0,1
	Mn	<0,1
	Zn	<0,1
Admixtures	Cr	<0,05
	Each	<0,05
Total		<0,15