

The technical fiche of the Georgian bar describes synthetically the main technical characteristics of the product deducible from the drawings and the technical specifications of the suppliers.

Specifications of raw material (UNI EN 485-2)

ALLOY	STATE	THICKNESS	Rm	Rp	A5%	A50 %
3003	H28	0,39	≥ 190	≥ 160		≥ 2
3005	H24	0,39	170 ÷ 225	≥ 130	≥ 12	--
3105	H26	0,39	≥ 215	≥ 190		≥ 3

Tolerance on the thickness 0,01 mm

Legend:
Rm = unit breaking load in traction
Rp = Yield load
A = Elongation per cent

Composition of raw material (UNI EN 573-3)

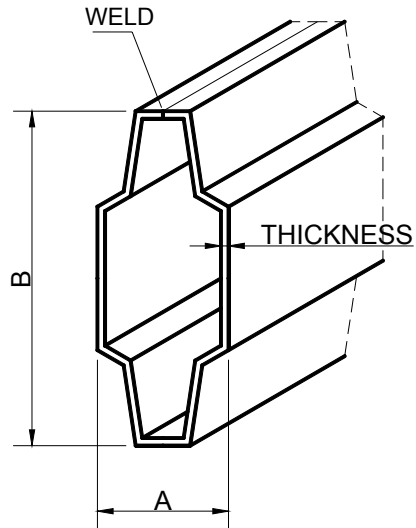
ALLOY 3003										
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	other cad.	other tot.	Al
0,6	0,70	0,05 ÷ 0,20	1,0 ÷ 1,5	--	--	0,10	--	0,05	0,15	rest

ALLOY 3005										
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	other cad.	other tot.	Al
0,60	0,70	0,30	1,0 ÷ 1,5	0,20 ÷ 0,60	0,10	0,25	0,10	0,05	0,15	rest

ALLOY 3105										
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	other cad.	other tot.	Al
0,60	0,70	0,30	0,30 – 0,80	0,20 ÷ 0,80	0,20	0,40	0,10	0,05	0,15	rest

Specifications of the finished product

Tolerance on the wideness	± 0,2 mm
Tolerance on the height	± 0,2 mm
Tolerance on the length	- 5 mm / + 10 mm
Check on the welding	Check ultrasounds in line (Eddy Sensor) With exception of profile Muntin Bars
Fogging test and volatile content	According to part "C" and "G" of the rules UNI (absent)
Residual greases	Not requested
Permeability of holes	Not applicable
Painting (if made)	Paintings 100% polyester
Oxidation (if made)	According to the type of colour thickness between 1- 5 µm

Dimensions and tolerances

Type Spacer	H ± 0.2 mm	L ± 0.2 mm	Thickness ± 0.01 mm
18 x 5 GB	18.0	5.0	0.39
18 x 8 GB	17.60	7.40	0.39
25 x 8 GB	24.90	7.40	0.39

For painted spacers, outside dimensions are oversized of a level variable > 0.12 mm.