

The technical fiche of standard double faced profile describes synthetically the main technical characteristics of the product deducible from the drawings and the technical specifications of the suppliers.

### Specifications of raw materials (UNI EN 485-2)

Alloy	Physical conditions	Thickness	Rm	Rp	A5%	A50 %
3003	H28	0,45	≥ 190	≥ 160		≥ 2
3005	H24	0,39	170 ÷ 225	≥ 130	≥ 12	--
3105	H26	0,45	≥ 215	≥ 190		≥ 3

*Tolerance on thickness 0,01 mm*

Legend:  
Rm = unit breaking load in traction  
Rp = yield load  
A = elongation per cent

### Chemical composition (UNI EN 573-3)

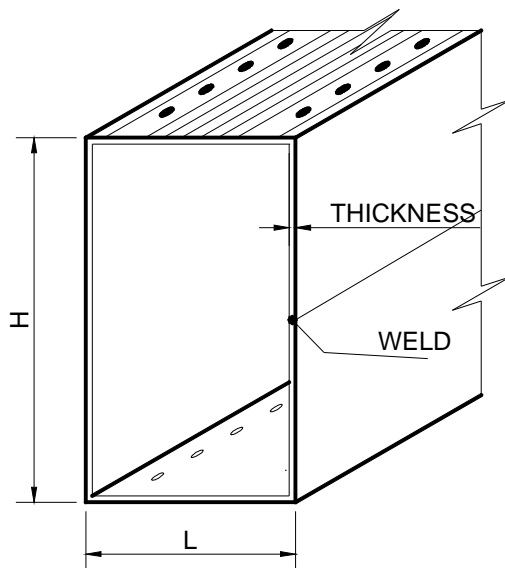
Alloy 3003										
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	other cad.	other tot.	Al
0,6	0,70	0,05 ÷ 0,20	1,0 ÷ 1,5	--	--	0,10	--	0,05	0,15	rest

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	Test of penetrating liquid (0 point/m) Edicurrent inspection, on line (Eddy Sensor)
Fogging test and volatile content	As agreed with part "C" and "G" of UNI rules (absent)
Residual greases	Test not requested
Permeability of holes	Test not requested
Painting (if made)	Paintings 100% polyester (thickness > 12 µm)
Oxidation (if made)	According to the type of colour thickness between 1- 5 µm



### Dimensions and Tollerances

Type Spacer	H ± 0,2 mm	L ± 0,2 mm	S ± 0,1 mm
D095 x 18	18,0	9,5	0,39
D095 x 20	20,0	9,5	0,39
D095 x 24	24,0	9,5	0,45
D095 x 30	30,0	9,5	0,45
D115 x 18	18,0	11,5	0,39
D115 x 20	20,0	11,5	0,39
D115 x 24	24,0	11,5	0,45
D115 x 30	30,0	11,5	0,45
D115 x 34	34,0	11,5	0,45
D145 x 20	20,0	14,5	0,45
D145 x 24	24,0	14,5	0,45
D145 x 30	30,0	14,5	0,45
D155 x 18	18,0	15,5	0,45
D175 x 30	30,0	17,5	0,45

For painted spacers, outside dimensions are oversized of a level variable between 12 and 20 µ  
For anodized spacers, outside dimensions are oversized of a level variable between 3 and 5 µ

