



STANDARD AND SPECIAL ALUMINUM PROFILES

MANUFACTURING TECHNOLOGY:

Aluminum profiles of standard and special shapes are manufactured using the extrusion technology:

- extruded on presses with maximum pressure of 1900 tons, 2000 tons, 2000 tons and 3500 tons out of billets with diameters of 7" and 9",

- shape of the profile depends on the die and the maximum dimensions that can be obtained:
for presses **1.900 t** **2.000 t** and **2.000 t** width: 190mm, height: 140mm
for press **3.500 t** width: 400mm, height: 260mm

- profiles can be distinguished with raw surface, ready for lacquering or anodizing,

ALLOYS USED FOR PROFILE PRODUCTION:

EN AW series: **1xxx** **6xxx**

1xxx series: EN AW-1050A tempers F, O, H111, H112.

6xxx series: EN AW-6060, EN AW-6063 tempers: T4, T64, T6, T66,
EN AW-6005A, EN AW-6082, EN AW-6061, EN AW-6106 tempers: T4, T6, T66

PRODUCTION CAPABILITIES:

- 1) **Standard profiles: round, rectangular and square bars, channels, angles, T-bars, I-sections, round, rectangular and square tubes;**
- 2) **Special profiles: for automotive, polycarbonates, for advertising, coffer, transport, construction, and also according to the customer's design.**



CONTROLLED QUALITY FEATURES:

Chemical composition, mechanical properties (R_m , $R_{p0.2}$, A, hardness, compression up to 250kN)
Dimensional and shape tolerances, Roughness

As standard, the tolerances of dimensions and shapes are in accordance with the EN 755-3 to -9 standards. At the customer's request, the standard EN 12020-2 (for alloys EN AW- 6060, 6063) or mutually agreed tolerances are applied.

PACKING:

Method of packaging:

For special profiles (as specified by the customer): up to 1500 kg

For standard profiles: up to 1200 kg

As standard, the profiles are packed in a wooden box or in small stretch packages, interleaved with paper or dividers, protected outside with cardboard or stretch foil.

At the customer's request, it is possible to arrange a special packaging method.

Identification:

The product label includes: Eurometal / Customer number, material cast number, alloy and temper, package number, customer order, weight, number of pieces.

Product identification can be made according to individual arrangements or according to the VDA standard.



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