

# Technical information for aluminium profiles

## Type I and Type B

### Tolerances:

Shape deviations such as straightness and flatness tolerance according to DIN EN 12020 Part 2.

### Surface:

The aluminum profiles are natural anodized and therefore permanently scratch-resistant and corrosion proof. The circumferential anodized coating makes the saw cut particularly low burr.

Anodizing: E6EV1

Coating thickness: 10  $\mu\text{m}$

### Mechanical values:

(apply only in the direction of pressing)

Tensile strength  $R_m$ : min. 245  $\text{N/mm}^2$

Yield point  $R_p 0.2$ : min. 195  $\text{N/mm}^2$

A5: 10% rupture stress

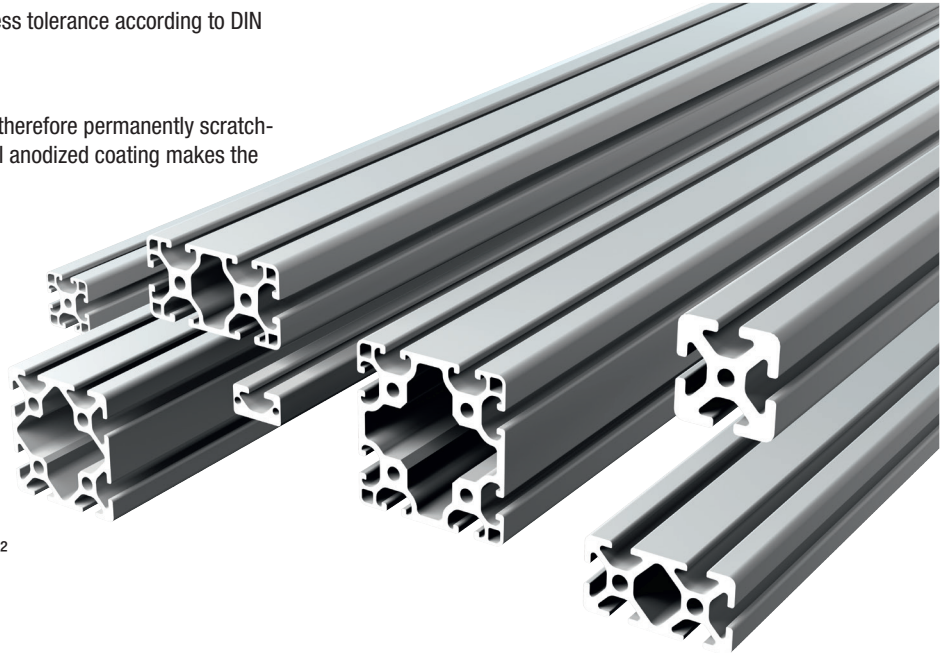
A10: 8% rupture stress

Density: 2.7  $\text{kg/dm}^3$

Linear expansion coefficient:  $23.6 \times 10^{-6} 1/\text{K}$

Elasticity module E: approximately 70,000  $\text{N/mm}^2$

Hardness: approximately 75 HB -2.5/187.5



### Slot sizes and grid pitches

