

Technical information for aluminium profiles

Type I and Type B

Tolerances:

Form deviations such as straightness and flatness tolerance acc. to DIN EN 12020 Part 2.

Surface:

The aluminium profiles are natural colour anodized making them permanently scratch-resistant and corrosion proof. The all-round anodize film makes saw cuts particularly low burr.

Anodizing: E6EV1

Film thickness: 10 µm

Mechanical values:

(apply only in thrust axis)

Tensile strength Rm: min. 245 N/mm²

Yield point Rp 0.2: min. 195 N/mm²

A5: 10% rupture stress

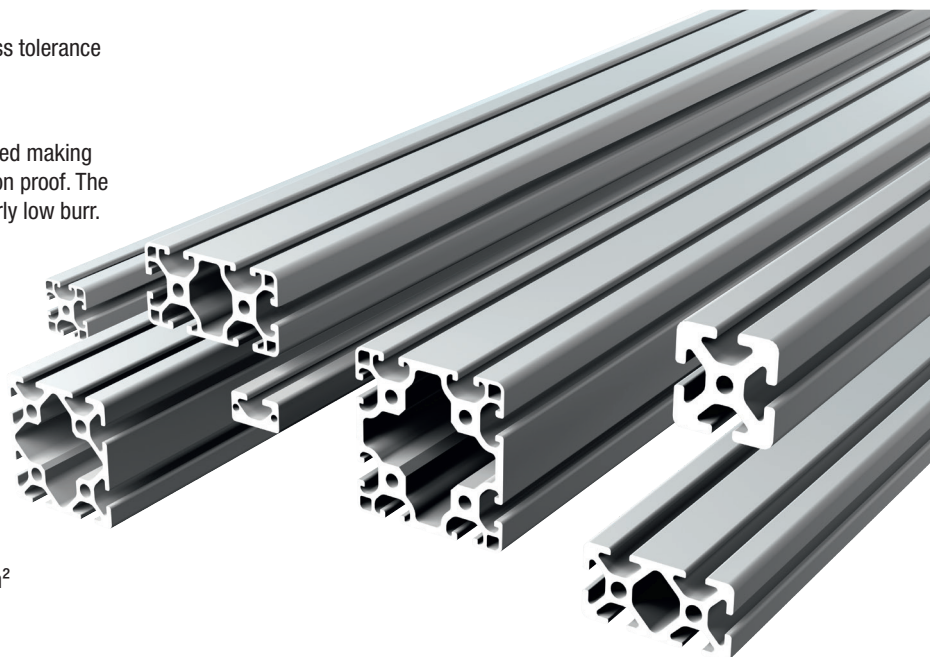
A10: 8% rupture stress

Density: 2.7 kg/dm³

Linear expansion coefficient: 23.6x10⁻⁶ 1/K

Elasticity module E: approximately 70,000 N/mm²

Hardness: approximately 75 HB -2.5/187.5



Slot sizes and grid pitches

