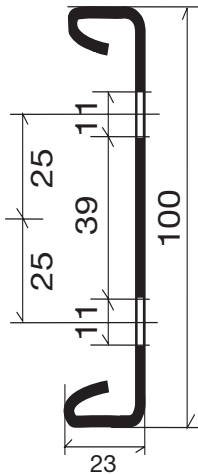
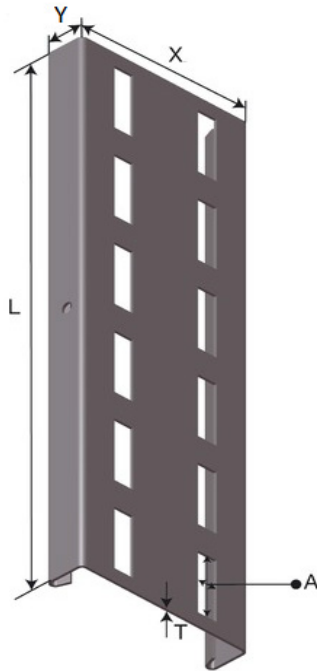


PRODUCT CALCULATION BASIS

Mekano 100-1 1,5mm



Material Data

Material	AISI 316L
Weight (kg/m)	1,69

Dimensional Data

L - Length (mm)	3000
T - Thickness (mm)	1,5
X - (mm)	100
Y - (mm)	23
A - Hole size (mm)	11x35
CC - (mm)	50

Mechanical Properties

A_E Effective cross-section area (mm ²)	213
I_{TE} Effective moment of inertia, torsion (mm ⁴)	160
I_{XE} Effective moment of inertia, bending about X-axis (mm ⁴)	11 960
I_{YE} Effective moment of inertia, bending about Y-axis (mm ⁴)	314 961
W_{XP} Moment of resistance, bending about X-axis, perforated (mm ³)	762
W_{YP} Moment of resistance, bending about Y-axis, perforated (mm ³)	6 299
C_{TP} Moment of resistance, torsion, perforated (mm ³)	106