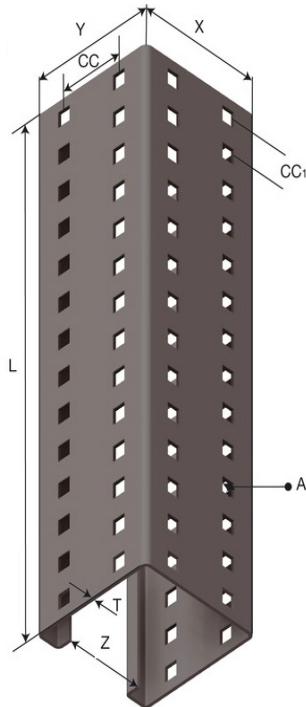


PRODUCT CALCULATION BASIS

Mekano 100-3 2,5mm



Material Data	
Material	AISI 316L
Weight (kg/m)	6,34

Dimensional Data	
L - Length (mm)	2500
T - Thickness (mm)	2,5
X - (mm)	100
Y - (mm)	100
Z - (mm)	60
A - Hole size (mm)	11 x 11
CC - (mm)	50
CC ₁ - (mm)	25

Mechanical Properties	
A_E Effective cross-section area (mm ²)	777
I_{TE} Effective moment of inertia, torsion (mm ⁴)	1 619
I_{XE} Effective moment of inertia, bending about X-axis (mm ⁴)	1 073 537
I_{YE} Effective moment of inertia, bending about Y-axis (mm ⁴)	1 347 007
W_{XP} Moment of resistance, bending about X-axis, perforated (mm ³)	17 267
W_{YP} Moment of resistance, bending about Y-axis, perforated (mm ³)	23 961
C_{TP} Moment of resistance, torsion, perforated (mm ³)	578

