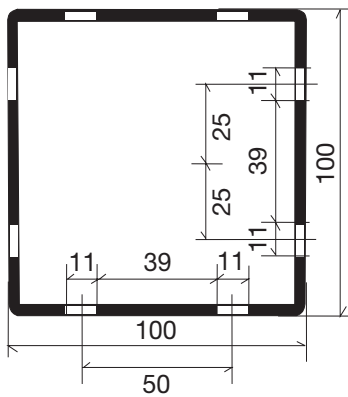
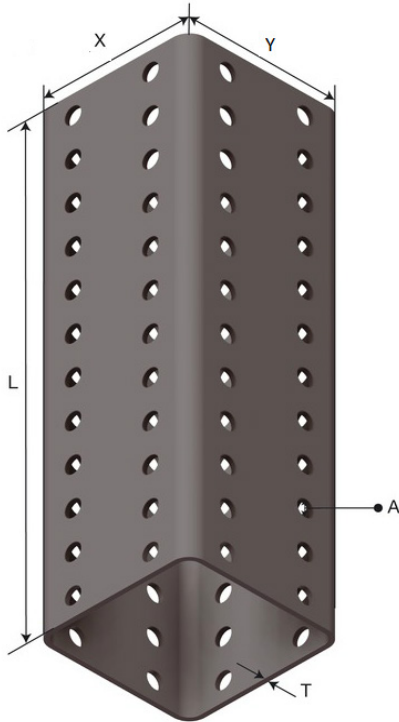


PRODUCT CALCULATION BASIS

Mekano 100-4 5mm



Material Data

Material	AISI 316L
Weight (kg/m)	13,63

Dimensional Data

L - Length (mm)	6000
T - Thickness (mm)	5,0
X - (mm)	100
Y - (mm)	100
A - Hole size (mm)	Ø 11
CC - (mm)	50
CC _L - (mm)	25

Mechanical Properties

A _E Effective cross-section area (mm ²)	1 642
I _{TE} Effective moment of inertia, torsion (mm ⁴)	3 972 831
I _{XE} Effective moment of inertia, bending about X-axis (mm ⁴)	2 428 086
I _{YE} Effective moment of inertia, bending about Y-axis (mm ⁴)	2 428 086
W _{XP} Moment of resistance, bending about X-axis, perforated (mm ³)	42 284
W _{YP} Moment of resistance, bending about Y-axis, perforated (mm ³)	42 284
C _{TP} Moment of resistance, torsion, perforated (mm ³)	70 680