



General Specifications

Thanks to super-thin wall structure, it is preferred on frames not subject to load and on closing cabins of machines.

Stock Code	Stock Name	External Dimensions	Material	L(mm)	Ix	Iy	Wx	Wy	Area	Mass
1.1.10.045090.03	45x90 Super Light Sigma Profile	45x90	6063	6000	59,21 cm4	15,21 cm4	13,15 cm²	6,76 cm²	7,14 cm²	1,90 Kg/m

F (Load)

100 N

E = Modulus of elasticity

70.000 N/mm²

L (Profile length)

1000 mm

W = Nonuniform Load Amount (N)

W = F / L

I = Moment of inertia

Vertical (59,21 cm⁴)

Horizontal (15,21 cm⁴)

