

Light frame profiles

PL 40 / PL 80



Features

- For the fast and simple erection of frames, benches and racks
- Aluminium, naturally anodised
- Produced in accordance with DIN EN 12020-2
- Light, compact & stable
- Suitable for very high loads
- The clamping elements and drilled holes of our clamped linkages produce very rigid connections, resistant to tension, distortion and bending between the profiles.
- Profile cutting upon request
- Extensive range of accessories (see page B-14)

Option: - powder coatings

Technical specifications

	PL 40	PL 80
Dimensions (W × H)	40 x 40 mm	80 x 40 mm
Length	up to 3 metres (special lengths to order)	
Weight	approx. 1.5 kg/m	approx. 2.9 kg/m
	4 T-key inserts for M6 sliding nuts 5 cavity inserts, Ø 8.5 mm for M10	6 T-key inserts for M6 sliding nuts 6 cavity inserts, Ø 8.5 mm for M10 Cavity insert, Ø 10.2 mm for M12
Moment of inertia I_x	8.38 cm ⁴	64.40 cm ⁴
Moment of inertia I_y	8.38 cm ⁴	16.36 cm ⁴
Moment of resistance W_x	4.19 cm ³	16.10 cm ³
Moment of resistance W_y	4.19 cm ³	8.18 cm ³

Ordering data

Profile description	Part no.: L=1000 mm Part no.: L=3000 mm*
PL 40 W 40 x H 40 mm	200 008 1000 200 008 3000*
PL 80 W 80 x H 40 mm	200 009 1000 200 009 3000*

*Raw profile length L=3050 ... 3100 mm

Dimensioned drawings

