

Light frame profiles

PL 40/PL 80



Features

- For fast and simple erection of frames, benches and racks
- Aluminium, naturally anodised
- Produced to DIN EN 12020-2
- Light, compact & stable
- Suitable for very high loads
- Our clamped linkages produce very rigid connections between profiles, resistant to tension, distortion and bending, through profile drillings and clamping elements
- Profile cutting to order
- Extensive range of accessories (see page C14)

Option: - powder coatings
in anthracite and light grey

Technical specification

	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	appr. 1.5 kg/m	appr. 2.9 kg/m
	4 T-slot inserts for M6 sliding nuts 5 cavity inserts, Ø 8.5 mm for M10	6 T-slot 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 information

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

Dimensioned drawings

