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 2-14)

Option: - powder coatings in anthracite and light grey

Technical specification

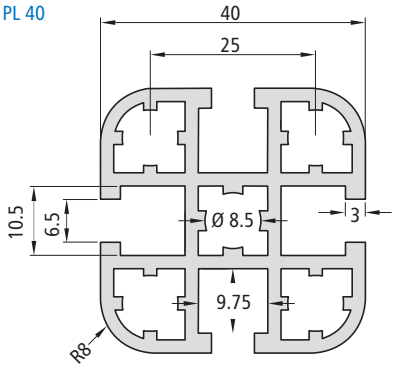
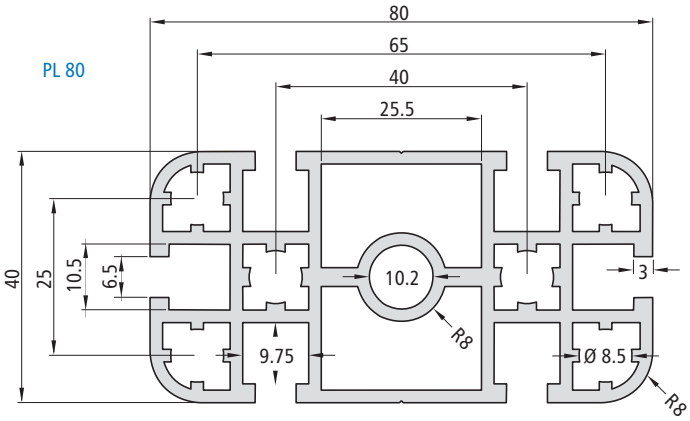
	PL 40	PL 80
Dimensions (W × H)	40 x 40 mm	80 x 40 mm
Length	up to 3 metres (special lengths to order)	
Weight	approx. 1.5 kg/m	approx. 2.9 kg/m
	4 T-key inserts for M6 sliding nuts 5 cavity inserts, Ø 8.5 mm for M10	6 T-key inserts for M6 sliding nuts 6 cavity inserts, Ø 8.5 mm for M10 Cavity insert, 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**

Dimensioned drawings

PL 40



PL 80