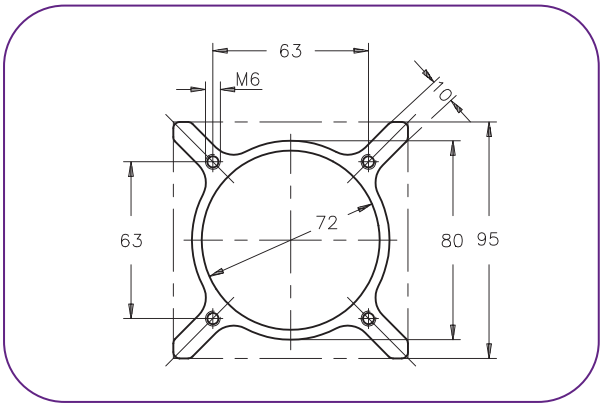
Profile X 95

The X 95 profile is a hollow, cylindrical aluminum profile with four lateral ridges which reinforce the system and also hold the carriers. These ridges increase the torque of inertia and torsional strain considerably. Four threaded bore holes on the profile end planes provide fastening options for connectors, carriers or caps. The X 95 profiles are available in many standard lengths. Custom lengths of up to 3 m can be supplied on request.

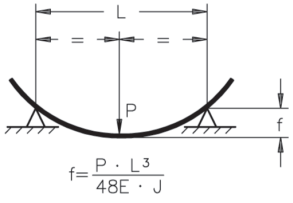
Profile X 95, 250 mm length

- Allows assembling of three-dimensional structures
- For assembling tables or framework structures or robust optical benches
- Hollow extrusions with cruciform arrangement of longitudinal ribs
- Smooth-gliding carriers equipped with spring-loaded clamps
- Easy assembling



Specifications

- Anodized aluminum
- Moments of inertia J_x / J_Δ ~ 220 x 10^4 mm^4
- Torsional stress J_0 ~ 1.2 kg cm^2 per cm length
- Young´s modulus E ~ 70 kN/mm^2
- Tolerance warpage 0.5 mm/m
- Tolerance twist 0.6 mm/m



f Deflection
P Transverse load
L Unsupported length
J Moment of inertia
E Young's modulus

Item Title	Length (mm)	Length (feet)	Weight (kg)	Part No.
Profile X 95- 250	250	0.82	1.4	G026102000
Profile X 95- 500	500	1.64	2.7	G026105000
Profile X 95- 640	640	2.10	3.4	G026106000
Profile X 95- 750	750	2.46	4.1	G026107000
Profile X 95- 1000	1000	3.28	5.4	G026110000
Profile X 95- 1500	1500	4.92	8.1	G026115000
Profile X 95- 2000	2000	6.56	10.8	G026120000
Profile X 95- 2500	2500	8.20	13.5	G026125000
Profile X 95- 3000	3000	9.84	16.2	G026125300
Profile X 95- Custom	Custom	Custom	5.4 per m	On request