



## Beam Section TP F 100

Group: A810

### Application

Galvanised hollow-box-section for fabrication of steel frames. Designed for both simple two-dimensional supports and complex volumetric arrangements. Holes designed to receive Self Forming Screw FLS in conjunction with the relevant component.

### Technical Data

Type	Section modulus [cm <sup>3</sup> ]	Moment of inertia [cm <sup>4</sup> ]	Radius of inertia [cm]	Torsional moment It [cm <sup>4</sup> ]	Cross section A [cm <sup>2</sup> ]
TP F 100	Wy: 32.77 Wz: 32.77	Iy: 179.85 Iz: 179.85	iy: 4.80 iz: 4.80	135.00	7.75
TP F 100/160	Wy: 68.12 Wz: 46.92	Iy: 559.42 Iz: 280.34	iy: 6.16 iz: 4.36	193.00	14.50

Mechanical properties shown above take into account perforations.

The specific values are effective values established by tests, geometrical quantities (analytically determined) can be significantly higher.

Material: Steel, HCP

Also available with DUALSHIELD for high corrosion protection within C5H environments.

### Approvals / Conformity

CE mark (Declaration of performance see [www.sikla.com/service/downloads](http://www.sikla.com/service/downloads))  
ETA-24/0471



NEPD-4539-3797-EN

Type	Weight [kg/m]	Qty. [m]	Part number
TP F 100	10.8	6	112904
TP F 100/160	14.3	6	112905