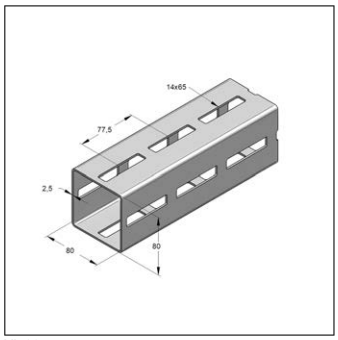
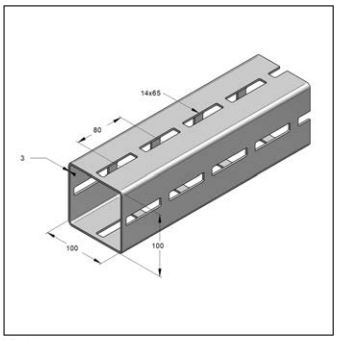
CENTUM® Square profile

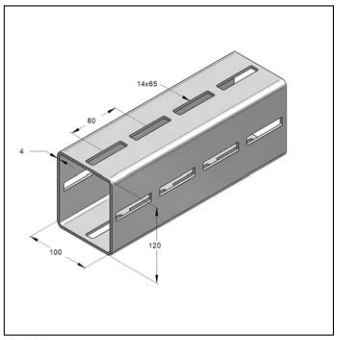
80 100 120 200



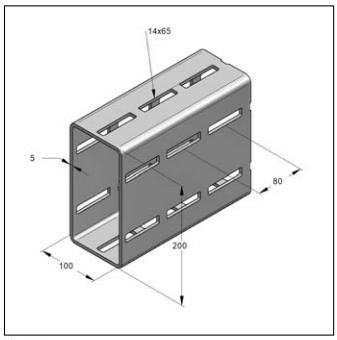
XL 80



XL 100



XL 120



XL 200

Specification

Application area:	Heavy-duty square profile for modular industrial and plant construction.
Specification:	modular system, 4-sided without raster in connection with mounting parts, torsion stiffness, high load capacity

Technical data

Material:	Steel
Surface:	hot-dip galvanized

Remark: Load values for CENTUM® mounting profiles can be found at the end of this chapter. A design in accordance with DIN EN 1993-1-2 (EC) for applications in the event of fire is carried out by our application technology department. A design in accordance with FM is carried out by our application technology department.

* for delivery length 8 m please attend to special delivery conditions

Model	Length [m]	Dimension [mm]	Weight [kg/m]	Bundle [m]	Packing unit [m]	Part-No.
XL 80	6	80x80x2,5	5,51	150	6	16008060
XL 100	6	100x100x3,0	8,46	96	6	16010060
XL 120	6	120x100x4,0	12,20	72	6	16012060
XL 120s	6	120x100x5,0	14,83	72	6	16012061
XL 200	6	200x100x5,0	20,46	24	6	16020060
XL 200 WST	8	200x100x5,0	20,46	32	8	16020080 *

CENTUM® Square profile - Overview technical values

Identification	Cross-section area	Section modulus of torsion	Geometrical moment of inertia		Section modulus		Gyration radius	
	A_k	W_t	I_y	I_z	W_y	W_z	i_y	i_z
	cm^2	cm^3	cm^4	cm^4	cm^3	cm^3	cm	cm
Profile XL 80	6,19	36,04	64,51	64,51	16,13	16,13	3,23	3,23
Profile XL 100	9,73	56,40	157,14	157,14	31,43	31,43	4,02	4,02
Profile XL 120	14,45	89,10	310,55	237,23	51,76	47,44	4,64	4,05
Profile XL 120s	17,55	109,25	372,76	284,42	62,12	56,88	4,61	4,03
Profile XL 200	24,15	185,25	1255,68	433,47	125,56	86,69	7,21	4,24