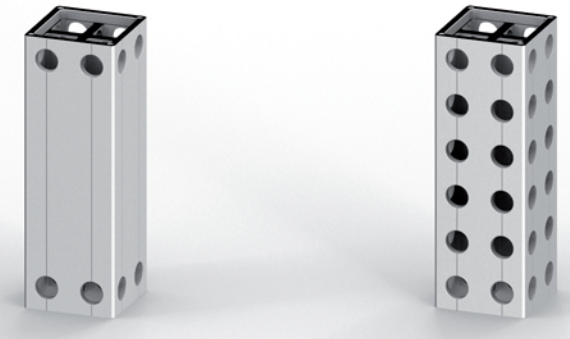


System Structure

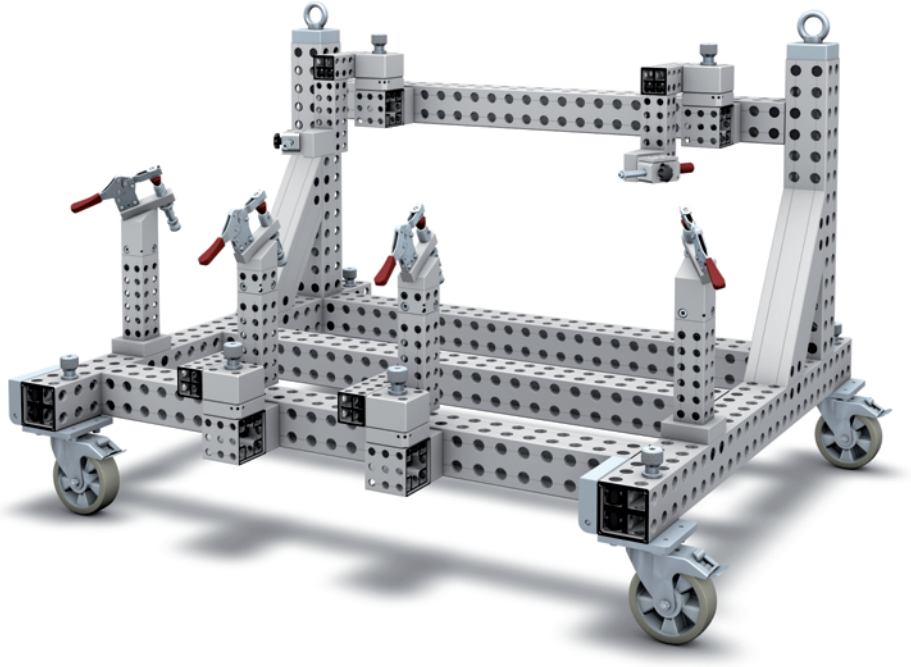
- precise aluminum profiles
- hardened profiles by special alloys
- no treatments required for the profile surface
- cost-effective system
- non-twisting system
- connections via plates or pins
- robust, wide ranging connection system
- tailored accessories

Required Holes

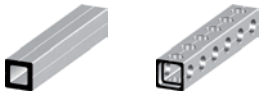
- profiles available with only specifically required drilled precision holes
- no weaking of the profile as a result of unused holes
- lower costs
- clean, smooth surface, no collection points for dirt and dust
- profiles are equipped with end caps

Complete Machining

- profiles are drilled completely with precision holes
- top end processing for precise positioning with mounting plates
- always available from stock
- system completely closed (no dirt and dust)

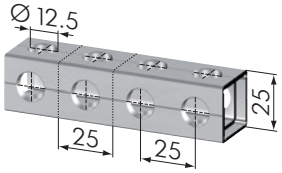


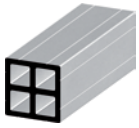
Precision Profiles 25



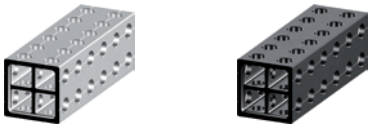
25 x 25

25 x 50





50 x 50



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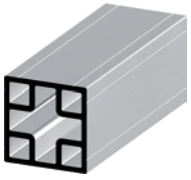
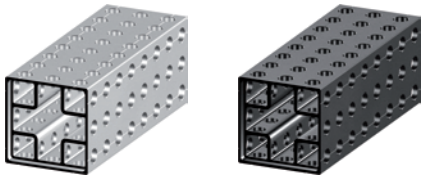
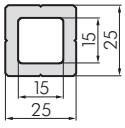
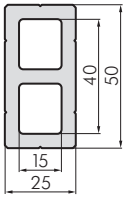


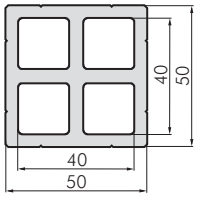
75 x 75

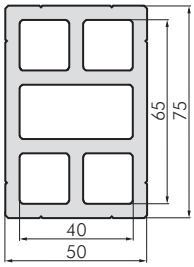


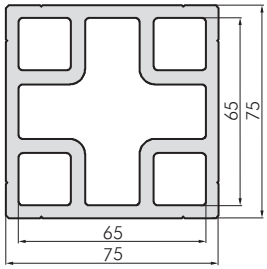
75 x 75 bridge

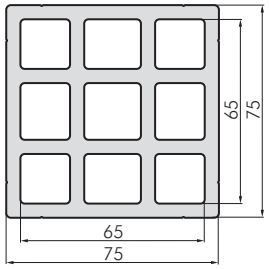




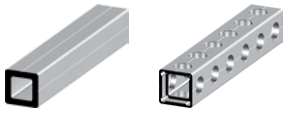






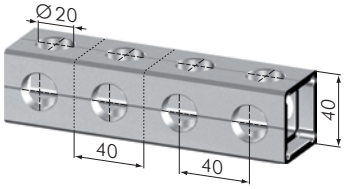


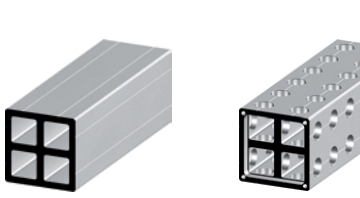
Precision Profiles 40



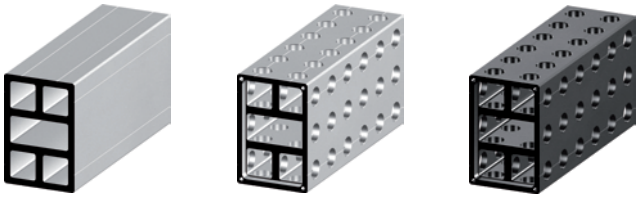
40 x 40

40 x 80

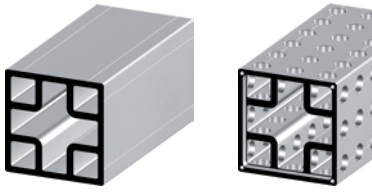




80 x 80

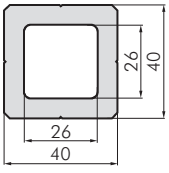


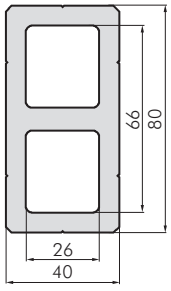
80 x 120

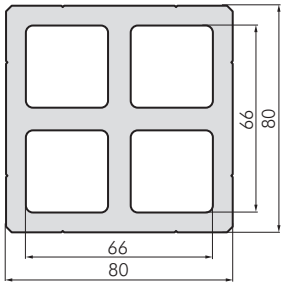


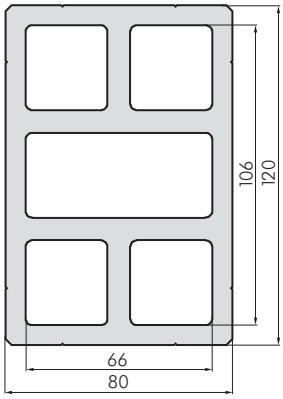
120 x 120

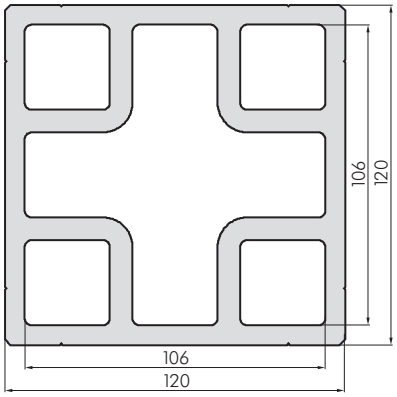
120 x 120 bridge

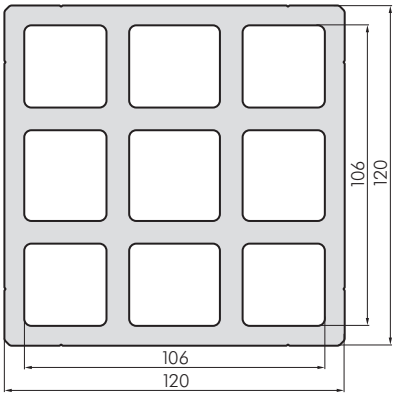






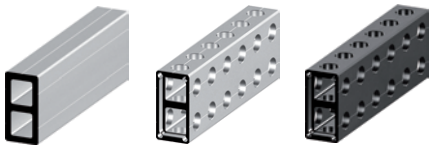




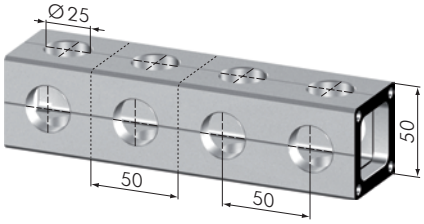


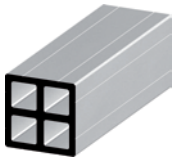
Precision Profiles 50

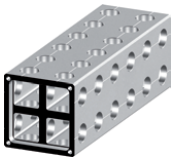
50 x 50

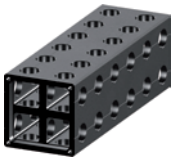


50 x 100

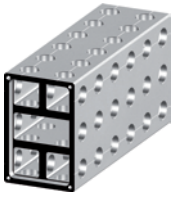




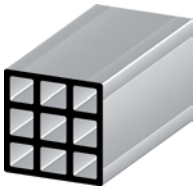




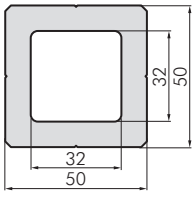
100 x 100

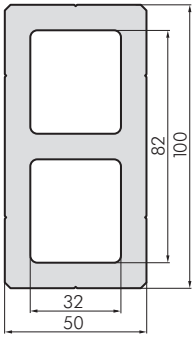


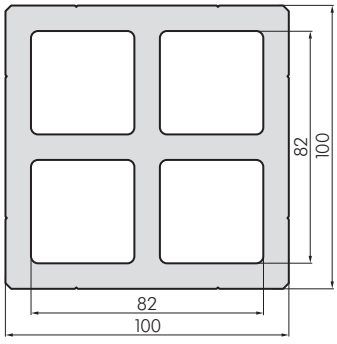
100 x 150

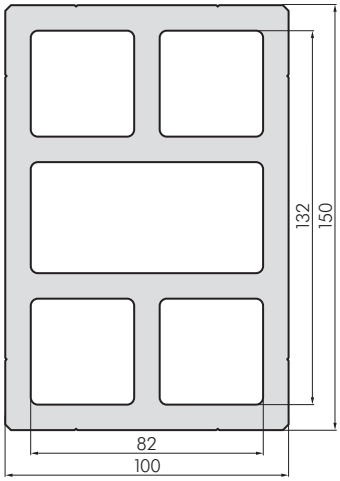


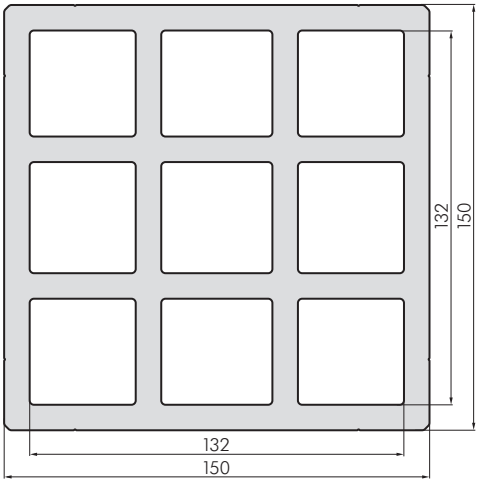
150 x 150 bridge



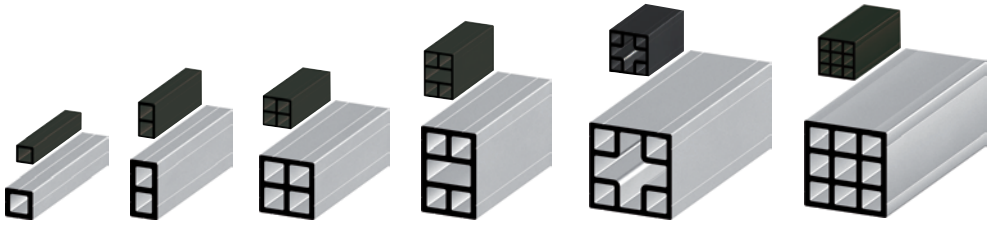






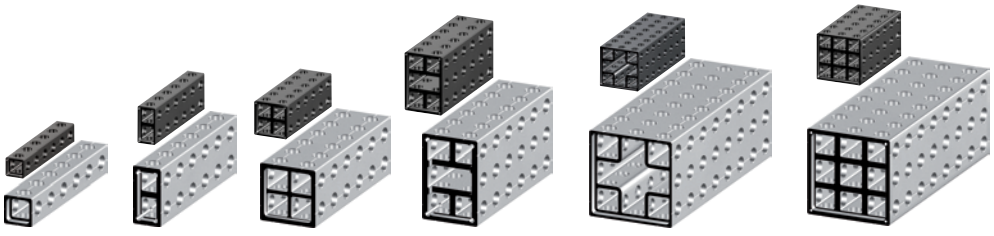


Precision Profiles 25



	25 x 25	25 x 50	50 x 50	50 x 75	75 x 75	75 x 75 bridge
I_x [cm^4]	2.68	17.97	31.41	100.61	142.58	146.85
I_y [cm^4]	2.68	5.50	31.41	46.86	142.58	146.85
W_x [cm^3]	2.15	7.19	12.56	26.83	38.02	39.16
W_y [cm^3]	2.15	4.40	12.56	19.54	38.02	39.16
A [cm^2]	3.68	7.25	12.08	17.35	21.82	26.14
G [kg/m]	0.99	1.96	3.26	4.68	5.89	7.06
	SP6821N	**SP6831N**	**SP6851N**	**SP6861N**	**SP6871N**	**SP6581N**

cut to length



	25 x 25	25 x 50	50 x 50	50 x 75	75 x 75	75 x 75 bridge
I_x [cm^4]	1.37	7.36	14.32	42.12	60.57	62.84
I_y [cm^4]	1.37	2.70	14.32	21.27	60.57	62.84
W_x [cm^3]	1.09	2.94	5.73	11.23	16.15	16.76
W_y [cm^3]	1.09	2.16	5.73	8.51	16.15	16.76
G [kg/m]	0.80	1.60	2.80	3.60	4.40	5.60
	SP6823K	**SP6833K**	**SP6853K**	**SP6863K**	**SP6873K**	**SP6583K**

Complete Machining | natural
Completely pre-drilled holes in framework with top end processing

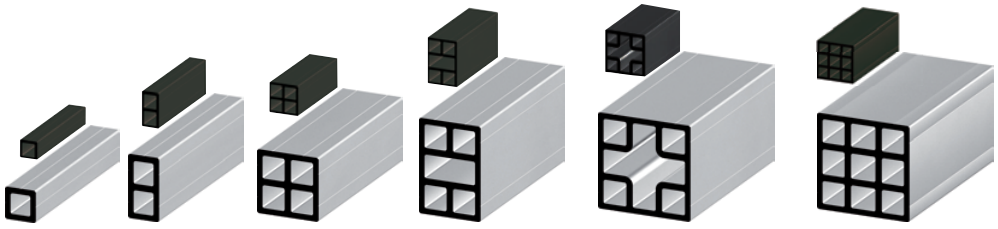
	SP6823L	**SP6833L**	**SP6853L**	**SP6863L**	**SP6873L**	**SP6583L**

Complete Machining | black
Completely pre-drilled holes in framework with top end processing

	SP6823N	**SP6833N**	**SP6853N**	**SP6863N**	**SP6873N**	**SP6583N**

cut to length
Specifically required pre-drilled holes with top end processing

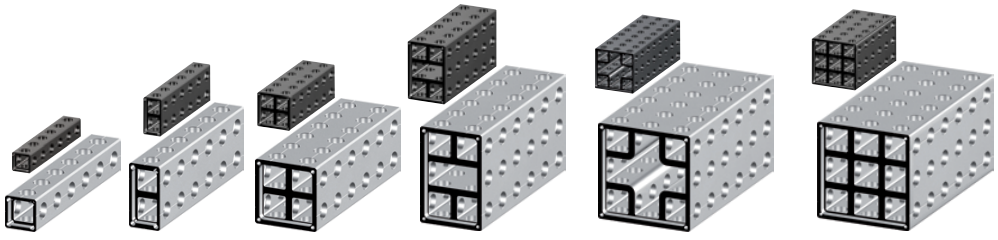
Precision Profiles 40



	40 x 40	40 x 80	80 x 80	80 x 120	120 x 120	120 x 120 bridge
I_x [cm⁴]	17.29	107.71	202.34	608.86	866.63	893.15
I_y [cm⁴]	17.29	34.00	202.34	296.91	866.63	893.15
W_x [cm³]	8.64	26.93	50.83	101.48	144.44	148.86
W_y [cm³]	8.64	17.00	50.83	74.23	144.44	148.86
A [cm²]	9.20	16.93	30.47	41.57	52.04	63.48
G [kg/m]	2.48	4.57	8.23	11.22	14.05	17.14

	SP6721N	**SP6731N**	**SP6751N**	**SP6761N**	**SP6771N**	**SP6781N**

cut to length



	40 x 40	40 x 80	80 x 80	80 x 120	120 x 120	120 x 120 bridge
I_x [cm⁴]	8.61	45.93	89.19	261.74	376.16	390.53
I_y [cm⁴]	8.61	17.05	89.19	132.40	376.16	390.53
W_x [cm³]	4.31	11.48	22.30	43.62	62.69	65.09
W_y [cm³]	4.31	8.53	22.30	33.10	62.69	65.09
G [kg/m]	2.00	3.50	6.50	8.75	11.00	13.25

	SP6723K	**SP6733K**	**SP6753K**	**SP6763K**	**SP6773K**	**SP6783K**

Complete Machining | natural
Completely pre-drilled holes in framework with top end processing

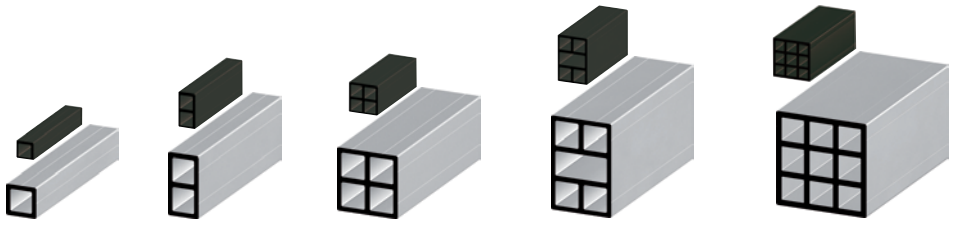
	SP6723L	**SP6733L**	**SP6753L**	**SP6763L**	**SP6773L**	**SP6783L**

Complete Machining | black
Completely pre-drilled holes in framework with top end proces-singg

	SP6723N	**SP6733N**	**SP6753N**	**SP6763N**	**SP6773N**	**SP6783N**

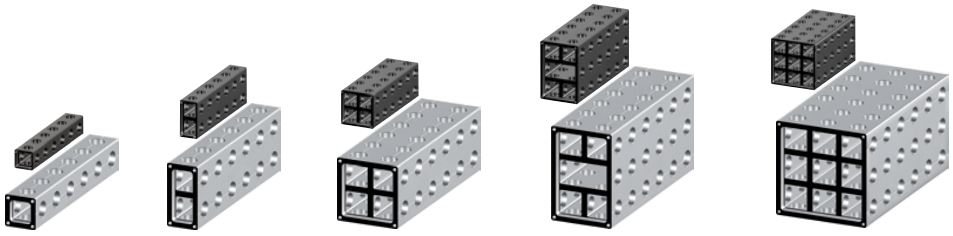
cut to length
Specifically required pre-drilled holes with top end processing

Precision Profiles 50



	50 x 50	50 x 100	100 x 100	100 x 150	150 x 150 bridge
I_x [cm^4]	41.83	268.59	497.89	1486.51	2152.38
I_y [cm^4]	41.83	83.95	497.89	727.06	2152.38
W_x [cm^3]	16.73	53.72	99.58	198.20	286.98
W_y [cm^3]	16.73	35.58	99.58	145.41	286.98
A [cm^2]	14.07	26.65	46.82	63.42	95.12
G [$kg/_m$]	3.80	7.20	12.64	17.12	25.68
	SP6621N	**SP6631N**	**SP6651N**	**SP6661N**	**SP6691N**

cut to length



	50 x 50	50 x 100	100 x 100	100 x 150	150 x 150 bridge
I_x [cm^4]	21.40	114.02	219.23	638.80	937.64
I_y [cm^4]	21.40	42.00	219.23	326.56	937.64
W_x [cm^3]	8.56	22.80	43.85	85.17	125.02
W_y [cm^3]	8.56	16.80	43.85	65.10	125.02
G [$kg/_m$]	3.00	5.60	9.80	13.40	20.00
	SP6623K	**SP6633K**	**SP6653K**	**SP6663K**	**SP6693K**

Complete Machining | natural
Completely pre-drilled holes in framework with top end processing

	SP6623N	**SP6633N**	**SP6653N**	**SP6663N**	**SP6693N**

cut to length
Specifically required pre-drilled holes with top end processing