



Strong profiles to be used for many applications



Modular flexibility and highest level of stability

From aluminum square profiles which can be used universally to groove plates flatly milled on both sides and a selection of connection solutions: The modular profile components are coordinated with one another so to offer you a wide range of combination options when it comes to the design of your working environment. By means of the aluminum profiles, complete mounting systems equipped with all needed applications can be designed - according to your requirements.

Light, compact and stable: With a selection of robust aluminum square and round profiles, clamping connections and the range of accessories, the profiles open up every conceivable freedom in the design of ergonomic, efficient and safe working environments. Thick-walled, distortion-free and dimensionally stable: Combine stabilizing rectangular profiles and grooved plates to reach a universal precision, clamping and machining surfaces that can be used in all machines and can be used for conversions and extensions as well if needed.







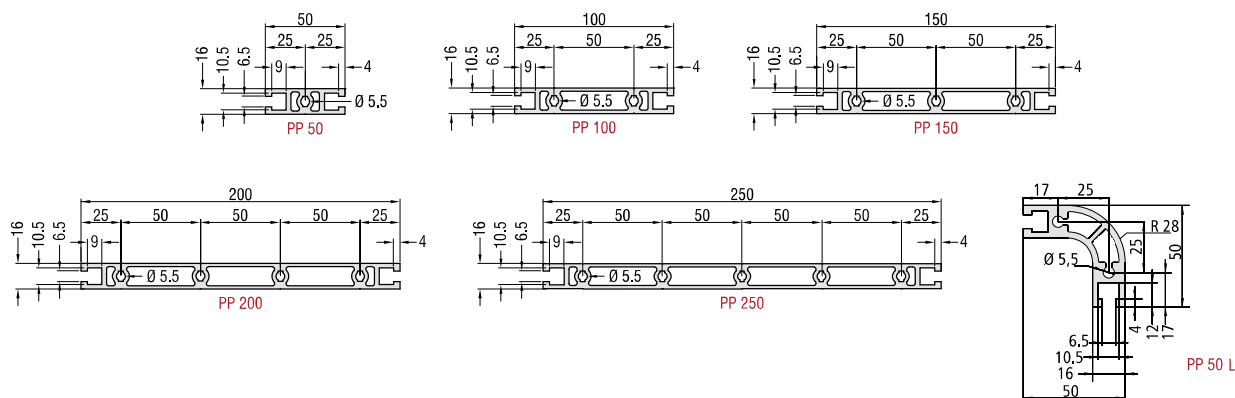
Panel profiles PP 50 - PP 250

- for rapid and easy assembly of frames, tables as well as racks
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light and very strong
- upright, particularly suitable as load-bearing cladding, may absorb higher loads as well
- With our profile connections, very strong connections that are resistant to tension, torsion and bending are produced using profile bores and Allen screws in connection with PS profiles
- Profile cutting upon request

Accessories: see page 42



Dimensional drawings



Technical data	PP 50 L	PP 50	PP 100	PP 150	PP 200	PP 250
Dimensions (W x H)	50 x 50 mm	50 x 16 mm	100 x 16 mm	150 x 16 mm	200 x 16 mm	250 x 16 mm
Length	up to 3 meters (special lengths upon request)					
Weight	≈ 1.7 kg/m	≈ 1.1 kg/m	≈ 1.9 kg/m	≈ 2.6 kg/m	≈ 3.4 kg/m	≈ 4.1 kg/m
Features	2 T-slot indents 2 hollow feeds Ø 5.5 mm for M6 screw	2 T-slot indents 1 hollow feed Ø 5.5 mm for M6 screw	2 T-slot indents 2 hollow feeds Ø 5.5 mm for M6 screw in a 50 grid	2 T-slot indents 3 hollow feeds Ø 5.5 mm for M6 screw in a 50 grid	2 T-slot indents 4 hollow feeds Ø 5.5 mm for M6 screw in a 50 grid	2 T-slot indents 5 hollow feeds Ø 5.5 mm for M6 screw in a 50 grid
Moment of inertia I_x	13.25 cm ⁴	8.13 cm ⁴	67.27 cm ⁴	213.92 cm ⁴	482.77 cm ⁴	908.52 cm ⁴
Moment of inertia I_y	13.25 cm ⁴	1.37 cm ⁴	2.46 cm ⁴	3.55 cm ⁴	4.64 cm ⁴	5.74 cm ⁴
Resistance moment W_x	4.39 cm ³	3.25 cm ³	13.45 cm ³	28.52 cm ³	48.27 cm ³	72.68 cm ³
Resistance moment W_y	4.39 cm ³	1.71 cm ³	3.08 cm ³	4.44 cm ³	5.80 cm ³	7.17 cm ³

Order data

Itemno. for L=1000mm	201045 1000	201040 1000	201041 1000	201042 1000	201043 1000	201009 1000
Itemno. for L=3000mm (Raw profile length L=3050...3,100 mm)	201045 3000	201040 3000	201041 3000	201042 3000	201043 3000	201009 3000



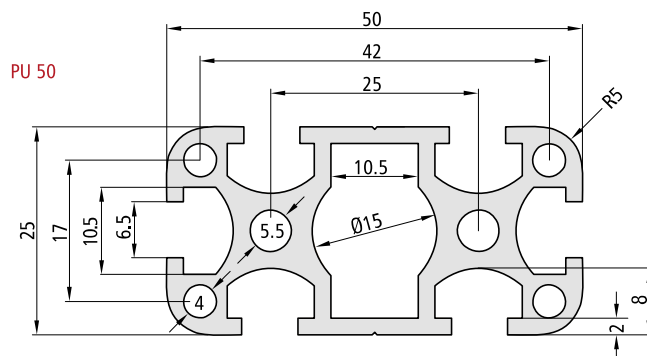
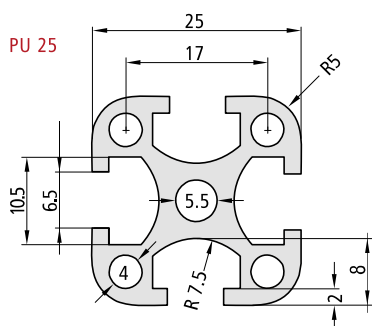
Universal profiles PU 25 / PU 50



- for rapid and easy assembly of frames, tables as well as racks
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light, compact, and stable
- universally applicable
- suitable for higher loads
- With our clamping connections, very strong connections between the profiles which are resistant to tension, torsion as well as bending are produced by using profile bores and clamping elements
- Profile cutting upon request

Accessories: see page 42

Dimensional drawings



Technical data	PU 25	PU 50
Dimensions (W x H)	25 x 25 mm	50 x 25 mm
Length	up to 3 meters (special lengths upon request)	
Weight	≈ 0.7 kg/m	≈ 1.3 kg/m
Features	4 T-slot inserts for sliding nuts M6 1 hollow feeds, Ø 5.5 mm for M6	6 T-slot inserts for sliding nuts M6 2 hollow feeds, Ø 5.5 mm for M6
Moment of inertia I_{xx}	1.43 cm ⁴	10.99 cm ⁴
Moment of inertia I_{yy}	1.43 cm ⁴	2.81 cm ⁴
Resistance moment W_{xx}	1.14 cm ³	4.40 cm ³
Resistance moment W_y	1.14 cm ³	2.25 cm ³

Order data	PU 25	PU 50
Itemno. for L=1000mm	200001 1000	200002 1000
Itemno. for L=3000mm (Raw profile length L=3050...3,100 mm)	200001 3000	200002 3000



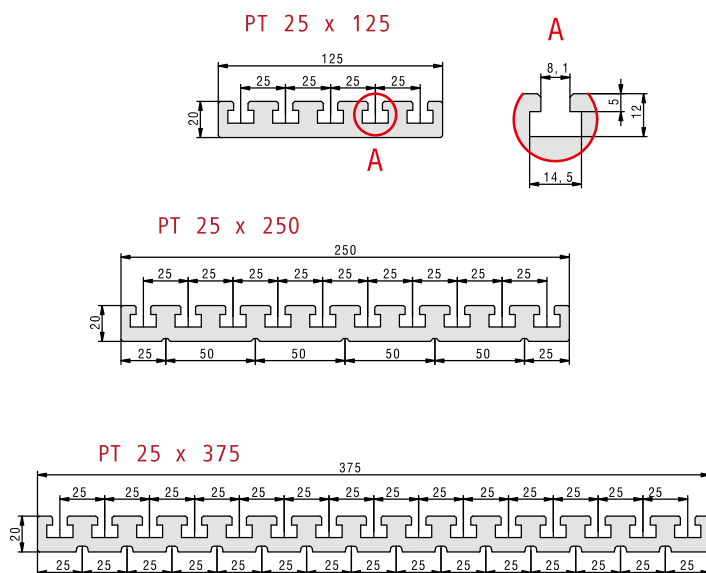
T-slot plates PT 25

- Universal precision, clamping and machining surface
- Aluminum, naturally anodized
- T-slot grid 25 mm
- Manufactured according to the standard DIN EN 12020-2
- Milled on both sides
- Can be used on all machines
- Thick-walled, distortion-free and extremely dimensionally stable
- Profile cutting upon request
- Option:
 - Drain channel for small amounts of liquid



Accessories: see page 42

Dimensional drawings



Technical data

PT 25

Dimensions (W x H)	125 x 20 mm	250 x 20 mm	375 x 20 mm
Length	up to 3 meters (special lengths upon request)		
Weight	≈ 4.8 kg/m	≈ 9.6 kg/m	≈ 13.7 kg/m
Features	T-slot indentations on one side in a grid of 25 mm		
Moment of inertia I_x	243.36 cm ⁴	1848.50 cm ⁴	5996.01 cm ⁴
Moment of inertia I_y	6.46 cm ⁴	12.77 cm ⁴	17.90 cm ⁴
Resistance moment W_x	38.94 cm ³	147.88 cm ³	319.79 cm ³
Resistance moment W_y	6.46 cm ³	12.77 cm ³	17.90 cm ³

Order key PT 25

W 125 x H 20 mm:

201014 ~~XXXX~~

e.g. 0400 = L 400

3000 = L 3000*

Length in mm (in a grid of 100mm)

W 250 x H 20 mm:

201018 ~~XXXX~~

e.g. 0400 = L 400

3000 = L 3000*

Length in mm (in a grid of 100mm)

W 375 x H 20 mm:

201020 ~~XXXX~~

e.g. 0400 = L 400

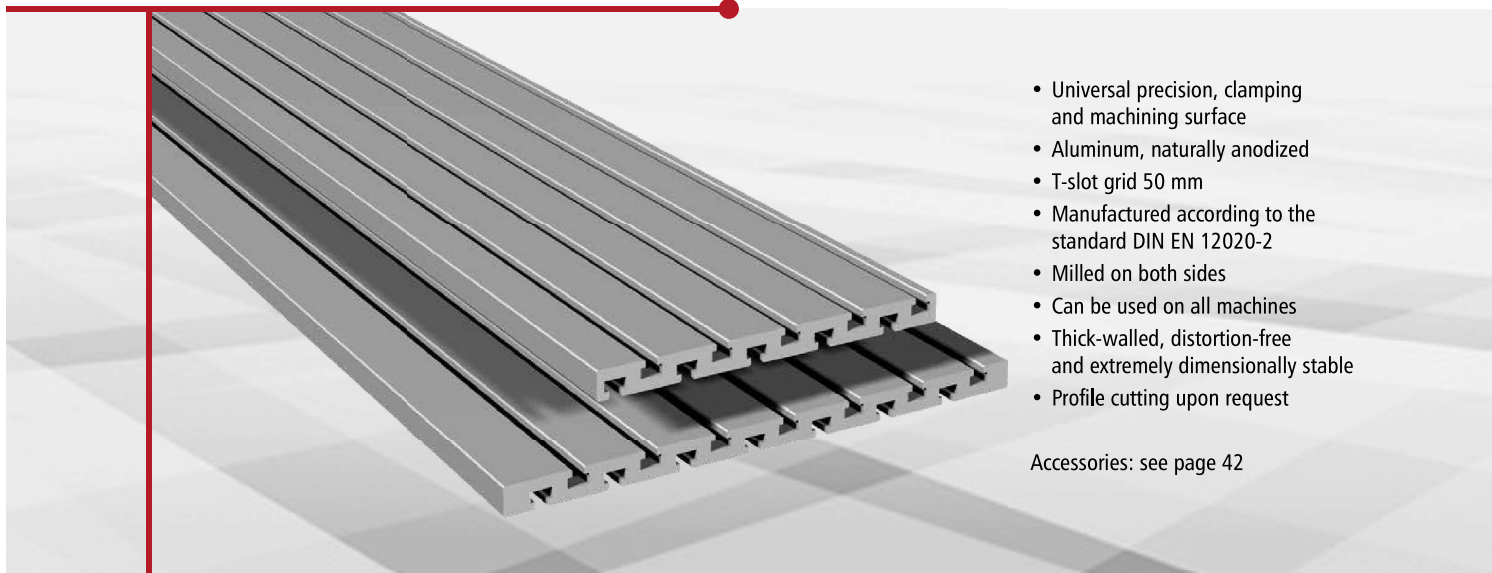
3000 = L 3000*

Length in mm (in a grid of 100mm)

*Raw profile length L = 3050...3100 mm



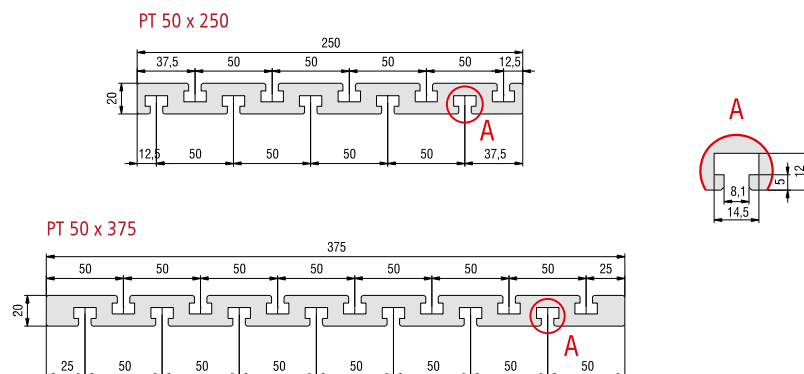
T-slot plates PT 50



- Universal precision, clamping and machining surface
- Aluminum, naturally anodized
- T-slot grid 50 mm
- Manufactured according to the standard DIN EN 12020-2
- Milled on both sides
- Can be used on all machines
- Thick-walled, distortion-free and extremely dimensionally stable
- Profile cutting upon request

Accessories: see page 42

Dimensional drawings



Technical data

PT 50

Dimensions (W x H)	250 x 20 mm	375 x 20 mm
Length	up to 3 meters (special lengths upon request)	
Weight	≈ 10.0 kg/m	≈ 14.8 kg/m
Features	T-slot indentations on both sides in a 50 mm grid	
Moment of inertia I_{xx}	2062.99 cm ⁴	6745.96 cm ⁴
Moment of inertia I_{yy}	13.85 cm ⁴	20.63 cm ⁴
Resistance moment W_{xx}	165.04 cm ³	359.78 cm ³
Resistance moment W_y	13.85 cm ³	20.63 cm ³

Order key PT 50

W 250 x H 20 mm:

201016 ~~XXXX~~

e.g. 0400 = L 400

3000 = L 3000*

Length in mm (in a grid of 100mm)

W 375 x H 20 mm:

201019 ~~XXXX~~

e.g. 0400 = L 400

3000 = L 3000*

Length in mm (in a grid of 100mm)

*Raw profile length L=3050...3100 mm



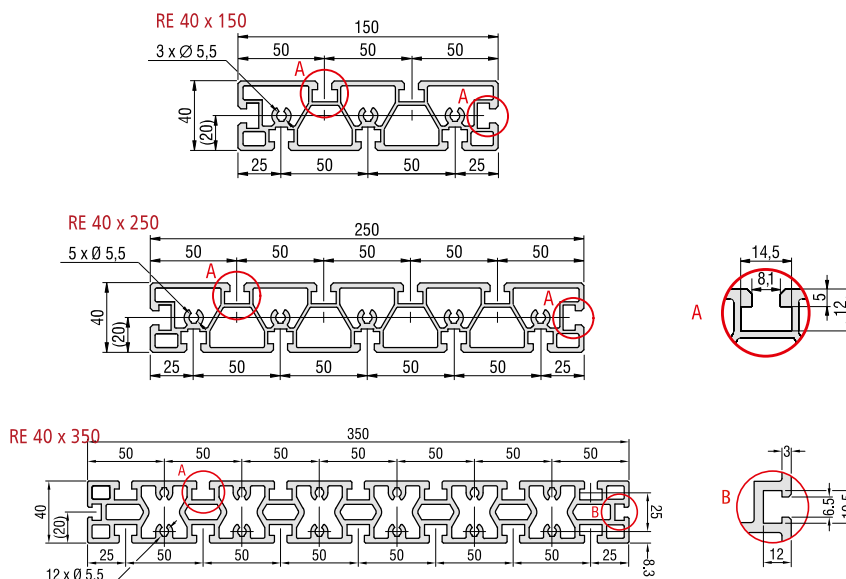
Rectangular profiles type RE 40

- Universal precision, clamping and machining surface
- as a stabilizer in machine and subframe constructions
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light, very stable
- Numerous applications are possible, if combined with the accessories
- Profile cutting upon request

Accessories: see page 42



Dimensional drawings



Technical data

	RE 40		
Dimensions (W x H)	150 x 40 mm	250 x 40 mm	350 x 40 mm
Length	up to 3 meters (special lengths upon request)		
Weight	≈ 4.8 kg/m	≈ 7.6 kg/m	≈ 13.38 kg/m
Features	Several hollow chambers and T-slot indentations for sliding nuts or threaded strips M6 as well as front indentations for M6 screws		
Moment of inertia I_{xx}	393.70 cm ⁴	1654.53 cm ⁴	5.626.00 cm ⁴
Moment of inertia I_{yy}	33.42 cm ⁴	54.18 cm ⁴	97.45 cm ⁴
Resistance moment W_{xx}	52.49 cm ³	131.64 cm ³	321.48 cm ³
Resistance moment W_y	16.71 cm ³	27.09 cm ³	48.50 cm ³

Order data

	L 1000 mm	L 3000*
RE 40 W 150 x H 40mm	201035 1000	201035 3000
RE 40 W 250 x H 40 mm	201030 1000	201030 9000
RE 40 W 350 x H 40 mm	201031 1000	201031 3000

*Raw profile length L=3050...3,100 mm



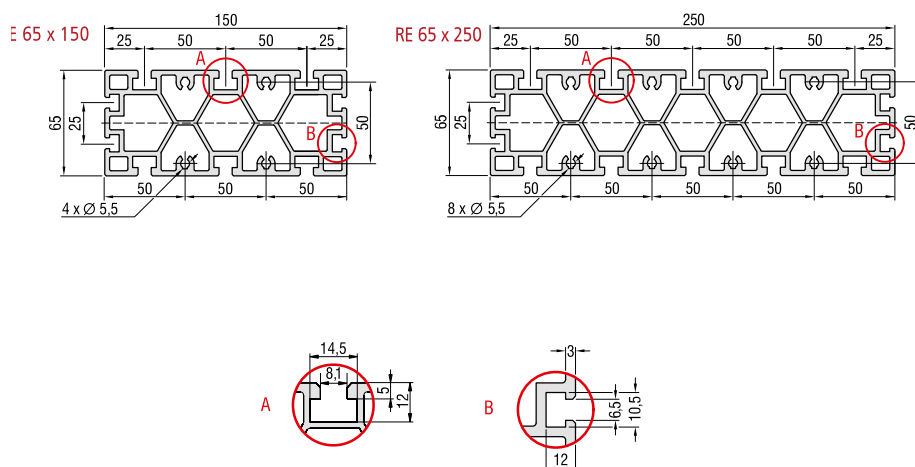
Rectangular profiles type RE 65



- Universal precision, clamping and machining surface
- as a stabilizer in machine and subframe constructions
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light, very stable
- Milled on both sides
- Numerous applications are possible, if combined with the accessories
- Profile cutting upon request

Accessories: see page 42

Dimensional drawings



Technical data

RE 65

Dimensions (W x H)	150 x 65 mm	250 x 65 mm
Length	up to 3 meters (special lengths upon request)	
Weight	≈ 7.7 kg/m	≈ 12.4 kg/m
Features	Several hollow chambers and T-slot indentations for sliding nuts or threaded strips M6 as well as front indentations for M6 screws	
Moment of inertia I_{xx}	633.47 cm ⁴	2,658.48 cm ⁴
Moment of inertia I_{yy}	148.87 cm ⁴	243.85 cm ⁴
Resistance moment W_{xx}	84.46 cm ³	212.68 cm ³
Resistance moment W_y	45.83 cm ³	75.03 cm ³

Order data

L 1000 mm

L 3000*

RE 65		
W 150 x H 65 mm	201034 1000	201034 3000
RE 65		
W 250 x H 65 mm	201032 1000	201032 3000

*Raw profile length L=3050...3100 mm



Lightweight frame profiles PL 40 / PL 80

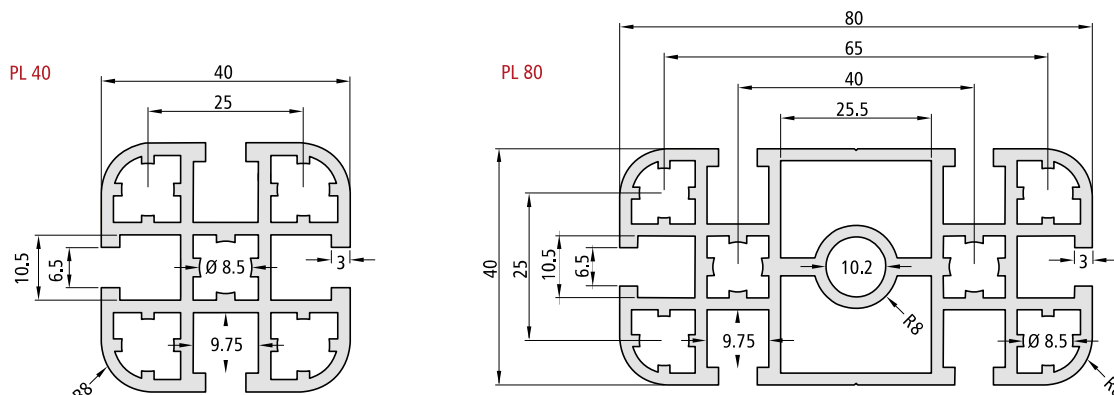
- for rapid and easy assembly of frames, tables as well as racks
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light, compact, and stable
- suitable for higher loads
- With our clamping connections, very strong connections between the profiles which are resistant to tension, torsion as well as bending are produced by using profile bores and clamping elements
- Profile cutting upon request

Option: powder coatings

Accessories: see page 42



Dimensional drawings



Technical data	PL 40	PL 80	Order data	L 1000 mm	L 3000*
Dimensions (W x H)	40 x 40 mm	80 x 40 mm	PL 40 W 40 x H 40 mm	200008 1000	200008 3000
Length	up to 3 meters (special lengths upon request)		PL 80 W 80 x H 40 mm	200009 1000	200009 3000
Weight	≈ 1.5 kg/m	≈ 2.9 kg/m			
Features	4 T-slot inserts for sliding nuts M6 5 hollow feeds, Ø 8.5 mm for M10	6 T-slot inserts for sliding nuts M6 6 hollow feeds, Ø 8.5 mm for M10, 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			
Resistance moment W_x	4.19 cm ³	16.10 cm ³			
Resistance moment W_y	4.19 cm ³	8.18 cm ³			

*Raw profile length L=3050...3100 mm



Rectangular profiles PS 50 / PS 80

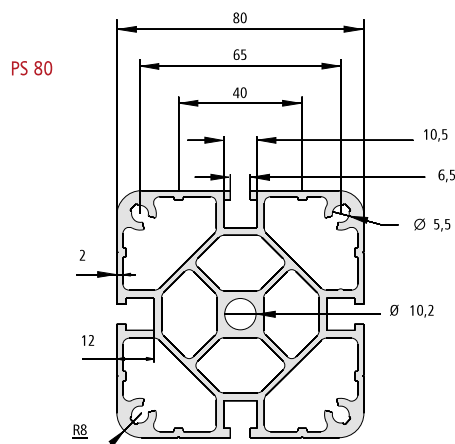
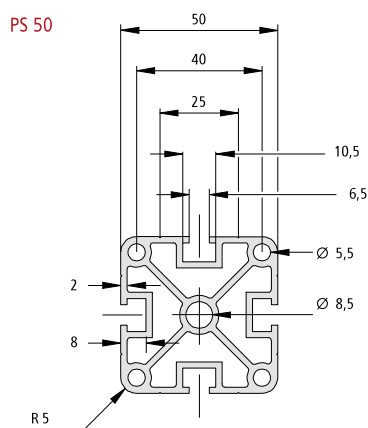


- for rapid and easy assembly of frames, tables as well as racks
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light, compact, and stable
- suitable for higher loads
- With our clamping connections, very strong connections between the profiles which are resistant to tension, torsion as well as bending are produced by using profile bores and clamping elements
- Profile cutting upon request

Option: powder coatings

Accessories: see page 42

Dimensional drawings



Technical data	HP 50	HP 80
Dimensions (W x H)	50 x 50 mm	80 x 80 mm
Length	up to 3 meters (special lengths upon request)	
Weight	≈ 2.3 kg/m	≈ 4.5 kg/m
Features	4 T-slot inserts for sliding nuts M6 4 hollow feeds, Ø 5.5 mm for M6, Ø 8.5 mm for M10	4 T-slot inserts for sliding nuts M6 4 hollow inserts, Ø 5.5 mm for M6, Ø 10.2 mm for M12
Moment of inertia I_x	22.06 cm ⁴	111.80 cm ⁴
Moment of inertia I_y	22.06 cm ⁴	111.80 cm ⁴
Resistance moment W_x	8.82 cm ³	27.95 cm ³
Resistance moment W_y	8.82 cm ³	27.95 cm ³

Order data	L 1000 mm	L 3000*
HP 50		
W 50 x H 50 mm	200003 1000	200003 3000
HP 80		
W 80 x H 80 mm	200014 1000	200014 3000

*Raw profile length L=3050...3100 mm



Stand profiles HP 100 / HP 140

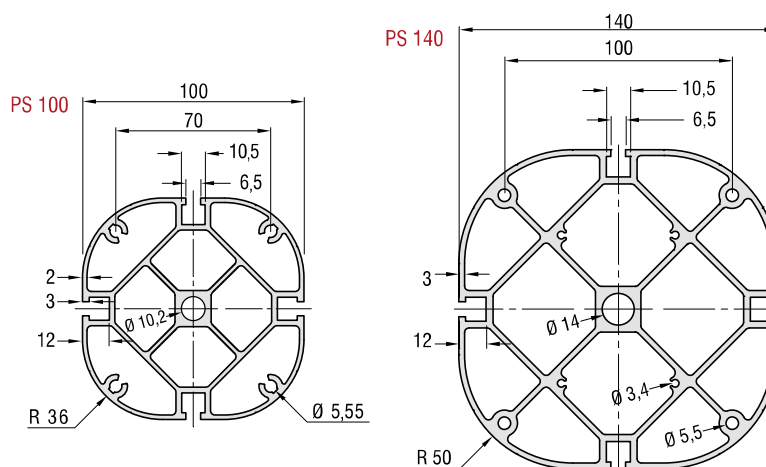
- for rapid and easy assembly of frames, tables as well as racks
- Aluminum, naturally anodized
- Manufactured according to the standard DIN EN 12020-2
- light, compact, and stable
- suitable for higher loads
- With our clamping connections, very strong connections between the profiles which are resistant to tension, torsion as well as bending are produced by using profile bores and clamping elements
- Profile cutting upon request

Option: powder coatings

Accessories: see page 42



Dimensional drawings



Technical data	HP 100	HP 140	Order data	L 1,000 mm	L 3,000*
Dimensions (W x H)	100 x 100 mm	140 x 140 mm	HP 100		
Length	up to 3 meters (special lengths upon request)		W 100 x H 100 mm	200015 1000	200015 3000
Weight	≈ 5.1 kg/m	≈ 9.2 kg/m	HP 140		
Features	4 T-slot inserts for sliding nuts M6 4 hollow feeds, Ø 5.55 mm for M6 Hollow feeds, Ø 10.2 mm for M12	4 T-slot inserts for sliding nuts M6 4 hollow feeds, Ø 5.5 mm for M6 4 hollow feeds, Ø 3.4 mm for M4 Hollow feeds, Ø 10.2 mm for M12	W 140 x H 140 mm	200016 1000	200016 3000
Moment of inertia I_x	163.00 cm ⁴	601.80 cm ⁴	*Raw profile length L=3050...3,100 mm		
Moment of inertia I_y	163.00 cm ⁴	598.11 cm ⁴			
Resistance moment W_x	32.60 cm ³	85.97 cm ³			
Resistance moment W_y	32.60 cm ³	85.44 cm ³			



Working tables AT 1 / AT 2 / AT 3

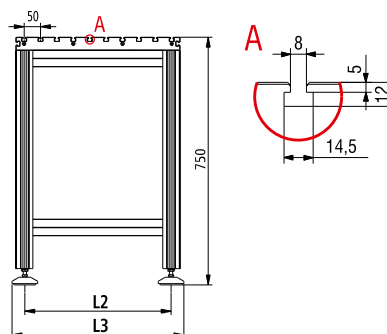
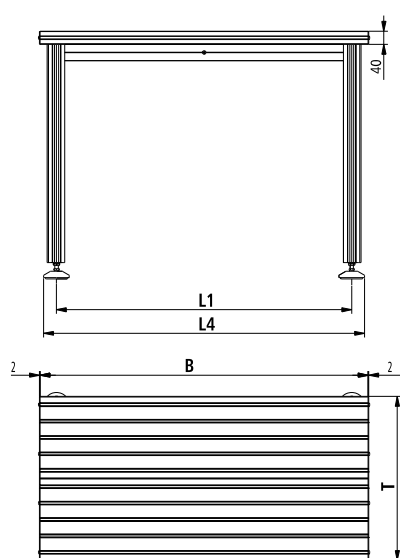


Working tables AT for clamping devices, clamping devices, for measuring, checking, testing, etc.

- Base made of PS series aluminum profiles equipped with braces made of PP series aluminum panel profiles
- Table top made of aluminum rectangular profile series RE 40 x 250 mm equipped with T-slots

Accessories: see page 42

Dimensional drawings



Accessories

Shelf for AT 1

Itemno.: 248551 0010

Shelf for AT 2

Itemno.: 248551 0012

Shelf for AT 3

Itemno.: 248551 0013

Technical data

Worktable	B	T	L1	L2	L3	L4
AT 1	1000	500	900	446	526	980
AT 2	1,500	750	1380	660	780	1,500
AT 3	1,500	1000	1380	910	1030	1,500

Order data

Worktable	Dimensions WxDxH [mm]	Load capacity: distributed load [kg]	Weight [kg]	Item number
AT 1	1000 x 500 x 750	200	≈ 30	248550 0010
AT 2	1500 x 750 x 750	400	≈ 60	248550 0012
AT 3	1500 x 1000 x 750	400	≈ 75	248550 0013