



**Catalogue** SERIES B & SERIES I

## Joining the future

We are a company of change.

In changing, we grow.

In growing, we evolve.

In evolving, we transform.

In transforming, we make the difference.

[www.sphere-global.co.uk](http://www.sphere-global.co.uk)  
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## WELCOME

SPHERE profile is a subsidiary of the SPHERE global group. We create profile solutions for our clients using the highest quality aluminium profile, joints and accessories. We know all companies are unique, so we tailor our solutions to meet the specific needs of each of our clients. This approach makes us the perfect fit for all our clients no matter what their needs and background is.

## What we do?

At SPHERE remember we are a solutions provider, not just an aluminium profile provider!

We have supplied many various solutions to many different industries.

Most common projects involve:

- ◆ Lean Production Lines & Workstation Systems
- ◆ FIFO Systems, Custom Racking & Storage Solutions
- ◆ Partitioning
- ◆ Machine Enclosures & Safety Guarding
- ◆ Conveyor Lines

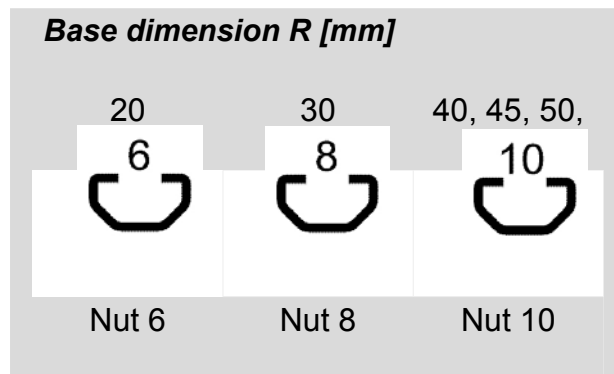


## How we can help?

As with all SPHERE subsidiaries, our main goal is to create a solution that ensures growth to our partners. At SPHERE profiles we take the client through the design stage all the way to final assembly. Our custom solutions are all built to purpose, meaning your solution will be perfect to meet all your needs.

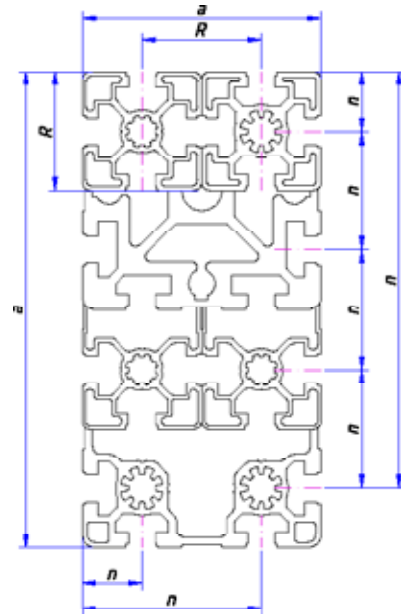


## Series B

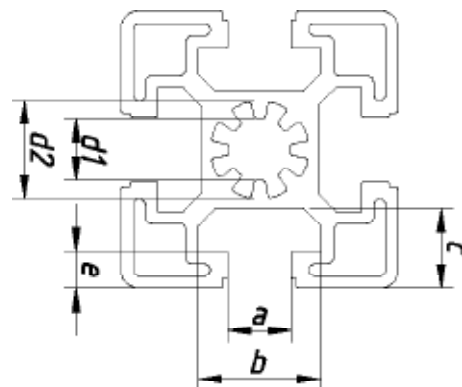


## Tolerances Series B

Edge length of profile		Tolerances
a [mm]		Sense of proportion a respectively
at	to	Position of nut $\pm$ [mm]
0	20	$\pm 0,15$
20	30	$\pm 0,2$
40		$+0,6$
40	60	$\pm 0,3$
80		$+0,8$
80	100	$\pm 0,4$
120		$+1,0$



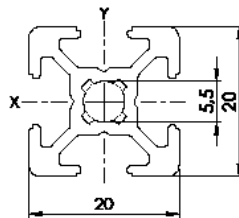
	6	8	10
a	$6,0 +0,3/-0$	$8,0 +0,3/-0$	$10,0 +0,4/-0$
b	$12 \pm 0,2$	$16,5 \pm 0,2$	$20,1 \pm 0,25$
c	$5,5 \pm 0,15$	$9,0 \pm 0,15$	$12,5 \pm 0,15^*$
d	$1,5 \pm 0,15$	$2,2 \pm 0,15$	$6,0 \pm 0,15$
e	$0,2 \pm 0,1$	$0,2 \pm 0,1$	$0,2 \pm 0,1$
d1	$5,5 +0,2/-0,1$	$7,3 +0,2/-0,1$	$10,0 \pm 0,15$



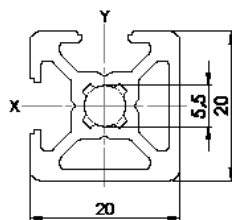
\* max.  $14,5 \pm 0,15$  for B10 4545L

# Series B Base 20

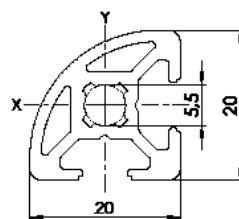
<b>Item Code</b>	<b>B6 2020</b>
$I_x$	0,68 cm <sup>4</sup>
$I_y$	0,68 cm <sup>4</sup>
$W_x$	0,68 cm <sup>3</sup>
$W_y$	0,68 cm <sup>3</sup>
G	0,44 kg/m
A	1,63 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	3000 mm



<b>Item Code</b>	<b>SP 20202NE</b>
$I_x$	0,76 cm <sup>4</sup>
$I_y$	0,76 cm <sup>4</sup>
$W_x$	0,72 cm <sup>3</sup>
$W_y$	0,72 cm <sup>3</sup>
G	0,49 kg/m
A	1,82 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	3000 mm

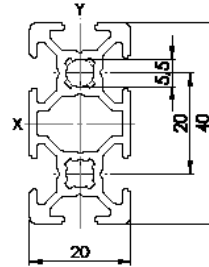


<b>Item Code</b>	<b>SP 20R90</b>
$I_x$	0,58 cm <sup>4</sup>
$I_y$	0,58 cm <sup>4</sup>
$W_x$	0,55 cm <sup>3</sup>
$W_y$	0,55 cm <sup>3</sup>
G	0,44 kg/m
A	1,62 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	3000 mm



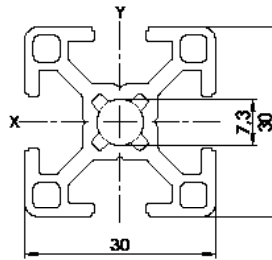
## Series B Base 20

Item Code	SP 2040
$I_x$	4,61 cm <sup>4</sup>
$I_y$	1,20 cm <sup>4</sup>
$W_x$	2,31 cm <sup>3</sup>
$W_y$	1,20 cm <sup>3</sup>
G	0,77 kg/m
A	2,87 cm <sup>2</sup>
VPE / PU	24 Stk. / pcs.
L	3.000 mm

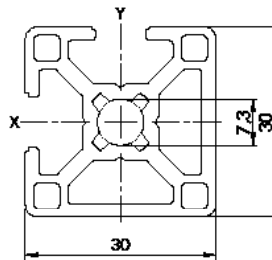


## Series B Base 30

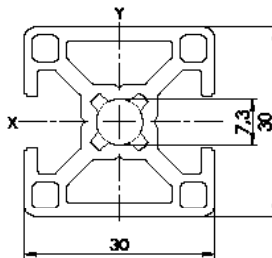
<b>Item Code</b>	<b>SP 3030</b>
$I_x$	2,77 cm <sup>4</sup>
$I_y$	2,77 cm <sup>4</sup>
$W_x$	1,85 cm <sup>3</sup>
$W_y$	1,85 cm <sup>3</sup>
G	0,85 kg/m
A	3,14 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	<b>SP 30302NE</b>
$I_x$	3,11 cm <sup>4</sup>
$I_y$	3,11 cm <sup>4</sup>
$W_x$	1,98 cm <sup>3</sup>
$W_y$	1,98 cm <sup>3</sup>
G	0,95 kg/m
A	3,50 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



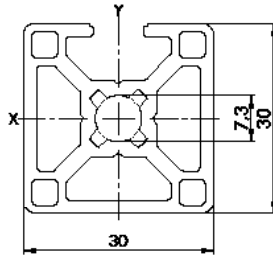
<b>Item Code</b>	<b>SP 30302NP</b>
$I_x$	3,48 cm <sup>4</sup>
$I_y$	2,79 cm <sup>4</sup>
$W_x$	2,32 cm <sup>3</sup>
$W_y$	1,86 cm <sup>3</sup>
G	0,95 kg/m
A	3,51 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



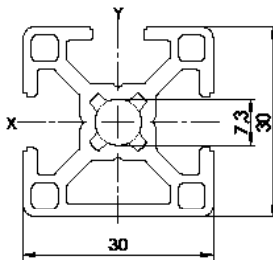


# Series B Base 30

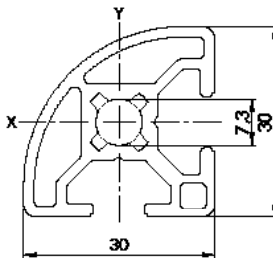
<b>Item Code</b>	SP 30301N
$I_x$	3,12 cm <sup>4</sup>
$I_y$	3,49 cm <sup>4</sup>
$W_x$	1,99 cm <sup>3</sup>
$W_y$	2,32 cm <sup>3</sup>
G	1,00 kg/m
A	3,69 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 30303N
$I_x$	3,10 cm <sup>4</sup>
$I_y$	2,78 cm <sup>4</sup>
$W_x$	1,97 cm <sup>3</sup>
$W_y$	1,85 cm <sup>3</sup>
G	0,90 kg/m
A	3,32 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

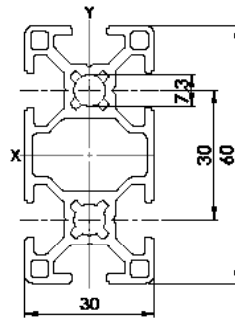


<b>Artikelnummer</b>	SP 30R90
<b>Item Code</b>	
$I_x$	2,28 cm <sup>4</sup>
$I_y$	2,28 cm <sup>4</sup>
$W_x$	1,41 cm <sup>3</sup>
$W_y$	1,41 cm <sup>3</sup>
G	0,78 kg/m
A	2,88 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

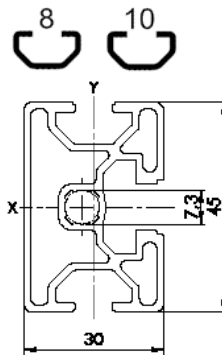


# Series B Base 30

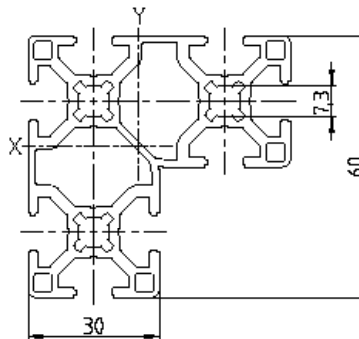
<b>Item Code</b>	SP 3060
$I_x$	19,66 cm <sup>4</sup>
$I_y$	5,09 cm <sup>4</sup>
$W_x$	6,55 cm <sup>3</sup>
$W_y$	3,39 cm <sup>3</sup>
G	1,49 kg/m
A	5,53 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 30453N
$I_x$	3,86 cm <sup>4</sup>
$I_y$	8,16 cm <sup>4</sup>
$W_x$	2,49 cm <sup>3</sup>
$W_y$	3,63 cm <sup>3</sup>
G	1,07 kg/m
A	3,96 cm <sup>2</sup>
VPE / PU	18 Stk. / pcs.
L	6000 mm

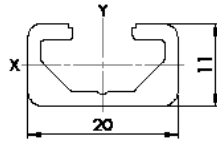


<b>Item Code</b>	SP 306060
$I_x$	26,12 cm <sup>4</sup>
$I_y$	26,12 cm <sup>4</sup>
$W_x$	7,51 cm <sup>3</sup>
$W_y$	7,51 cm <sup>3</sup>
G	2,22 kg/m
A	8,2 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



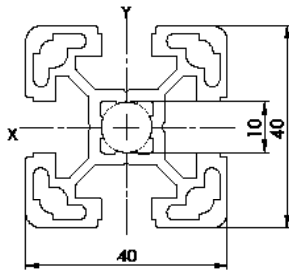
## Series B Base 30

<i>Item Code</i>	SP 1120
$I_x$	0,13 cm <sup>4</sup>
$I_y$	0,52 cm <sup>4</sup>
$W_x$	0,20 cm <sup>3</sup>
$W_y$	0,52 cm <sup>3</sup>
G	0,28 kg/m
A	1,02 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	2000 mm

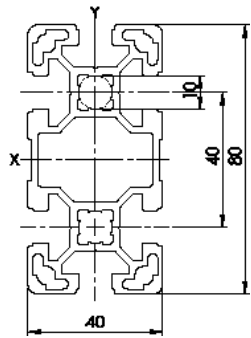


# Series B Base 40

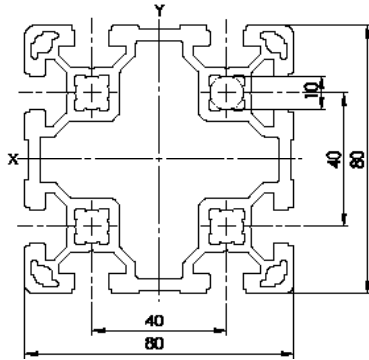
<b>Item Code</b>	SP 4040L
$I_x$	9,06 cm <sup>4</sup>
$I_y$	9,06 cm <sup>4</sup>
$W_x$	4,53 cm <sup>3</sup>
$W_y$	4,53 cm <sup>3</sup>
G	1,51 kg/m
A	5,61 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 4080L
$I_x$	63,24 cm <sup>4</sup>
$I_y$	17,23 cm <sup>4</sup>
$W_x$	15,81 cm <sup>3</sup>
$W_y$	8,61 cm <sup>3</sup>
G	2,67 kg/m
A	9,86 cm <sup>2</sup>
VPE / PU	12 Stk. / pcs.
L	6000 mm

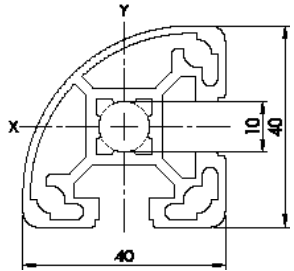


<b>Item Code</b>	SP 8080L
$I_x$	132,62 cm <sup>4</sup>
$I_y$	132,62 cm <sup>4</sup>
$W_x$	33,16 cm <sup>3</sup>
$W_y$	33,16 cm <sup>3</sup>
G	4,98 kg/m
A	18,45 cm <sup>2</sup>
VPE / PU	6 Stk. / pcs.
L	6000 mm



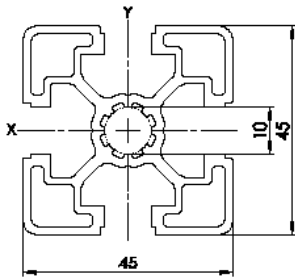
# Series B Base 40

<i>Item Code</i>	SP 40LR90
$I_x$	6,84 cm <sup>4</sup>
$I_y$	6,84 cm <sup>4</sup>
$W_x$	3,06 cm <sup>3</sup>
$W_y$	3,06 cm <sup>3</sup>
G	1,28 kg/m
A	4,75 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

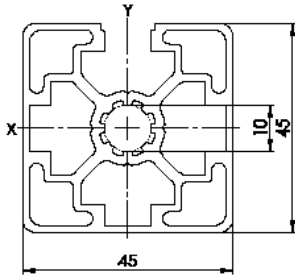


# Series B Base 45

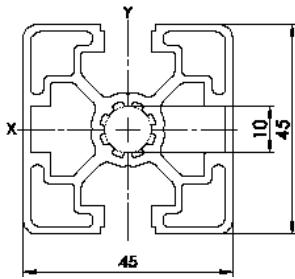
<b>Item Code</b>	SP 4545L
$I_x$	11,00 cm <sup>4</sup>
$I_y$	11,00cm <sup>4</sup>
$W_x$	4,89 cm <sup>3</sup>
$W_y$	4,89 cm <sup>3</sup>
G	1,55 kg/m
A	5,73 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 4545L1N
$I_x$	11,85 cm <sup>4</sup>
$I_y$	12,68 cm <sup>4</sup>
$W_x$	5,13 cm <sup>3</sup>
$W_y$	5,64 cm <sup>3</sup>
G	1,69 kg/m
A	6,25 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

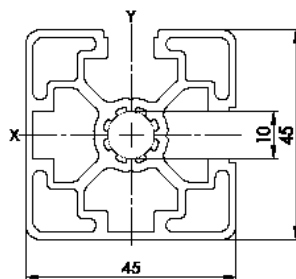


<b>Item Code</b>	SP 4545L2NP
$I_x$	11,04 cm <sup>4</sup>
$I_y$	12,66 cm <sup>4</sup>
$W_x$	4,91 cm <sup>3</sup>
$W_y$	5,63 cm <sup>3</sup>
G	1,64 kg/m
A	6,08 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

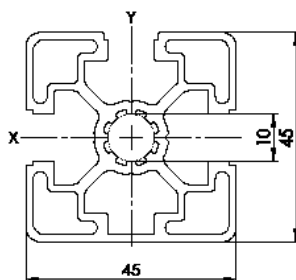


## Series B Base 45

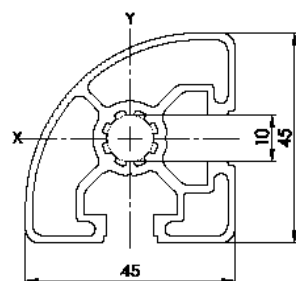
<b>Item Code</b>	SP 4545L2NE
$I_x$	11,82 cm <sup>4</sup>
$I_y$	11,82 cm <sup>4</sup>
$W_x$	5,11 cm <sup>3</sup>
$W_y$	5,11 cm <sup>3</sup>
G	1,64 kg/m
A	6,08 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 4545L3N
$I_x$	11,65 cm <sup>4</sup>
$I_y$	10,87 cm <sup>4</sup>
$W_x$	5,03 cm <sup>3</sup>
$W_y$	4,83 cm <sup>3</sup>
G	1,57 kg/m
A	5,83 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

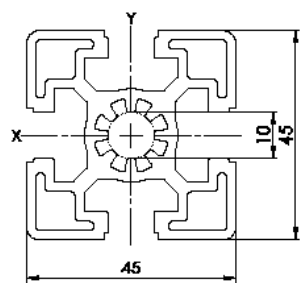


<b>Item Code</b>	SP 45LR90
$I_x$	8,01 cm <sup>4</sup>
$I_y$	8,01 cm <sup>4</sup>
$W_x$	3,20 cm <sup>3</sup>
$W_y$	3,20 cm <sup>3</sup>
G	1,27 kg/m
A	4,70 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

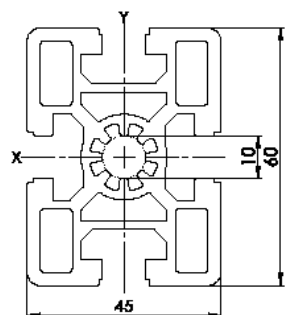


## Series B Base 45

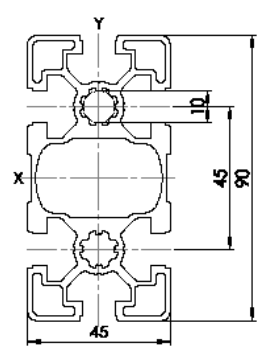
<b>Item Code</b>	SP 4545
$I_x$	13,94 cm <sup>4</sup>
$I_y$	13,94 cm <sup>4</sup>
$W_x$	6,19 cm <sup>3</sup>
$W_y$	6,19 cm <sup>3</sup>
G	2,03 kg/m
A	7,50 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 4560
$I_x$	37,55 cm <sup>4</sup>
$I_y$	22,66 cm <sup>4</sup>
$W_x$	12,52 cm <sup>3</sup>
$W_y$	10,07 cm <sup>3</sup>
G	3,01 kg/m
A	11,14 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



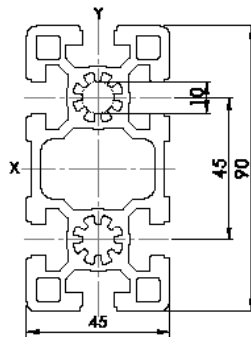
<b>Item Code</b>	SP 4590L
$I_x$	81,82 cm <sup>4</sup>
$I_y$	23,53 cm <sup>4</sup>
$W_x$	18,18 cm <sup>3</sup>
$W_y$	10,46 cm <sup>3</sup>
G	3,05 kg/m
A	11,29 cm <sup>2</sup>
VPE / PU	12 Stk. / pcs.
L	6000 mm



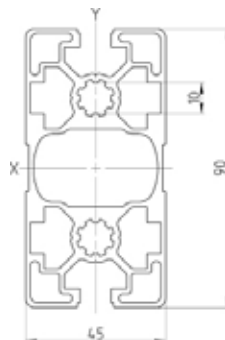


## Series B Base 45

<b>Item Code</b>	SP 4590
$I_x$	124,05 cm <sup>4</sup>
$I_y$	32,25 cm <sup>4</sup>
$W_x$	27,57 cm <sup>3</sup>
$W_y$	14,33 cm <sup>3</sup>
G	4,12 kg/m
A	15,24 cm <sup>2</sup>
VPE / PU	12 Stk. / pcs.
L	6000 mm

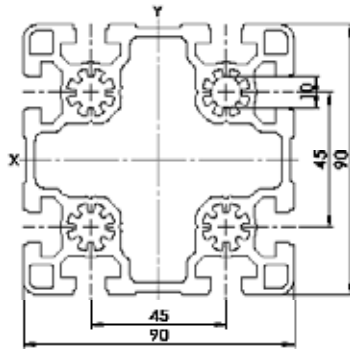


<b>Item Code</b>	SP 4590L2NP
$I_x$	25,89 cm <sup>4</sup>
$I_y$	85,59 cm <sup>4</sup>
$W_x$	6 cm <sup>3</sup>
$W_y$	38,10 cm <sup>3</sup>
G	3,31 kg/m
A	12 cm <sup>2</sup>
VPE / PU	12 Stk. / pcs.
L	6000 mm

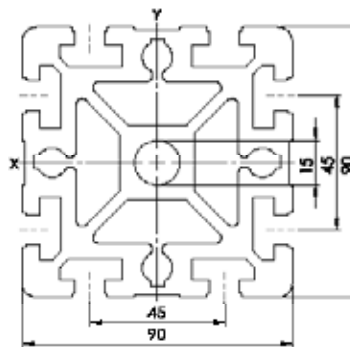


# Series B Base 45

<b>Item Code</b>	SP 9090L
$I_x$	210,50 cm <sup>4</sup>
$I_y$	210,50 cm <sup>4</sup>
$W_x$	46,78 cm <sup>3</sup>
$W_y$	46,78 cm <sup>3</sup>
G	6,34 kg/m
A	23,46 cm <sup>2</sup>
VPE / PU	6 Stk. / pcs.
L	6000 mm

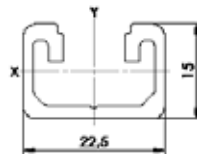


<b>Item Code</b>	SP 9090
$I_x$	301,85 cm <sup>4</sup>
$I_y$	301,85 cm <sup>4</sup>
$W_x$	67,07 cm <sup>3</sup>
$W_y$	67,07 cm <sup>3</sup>
G	10,51 kg/m
A	38,93 cm <sup>2</sup>
VPE / PU	6 Stk. / pcs.
L	6000 mm

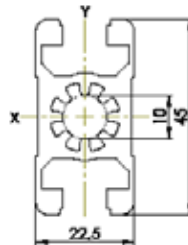


# Series B Base 45

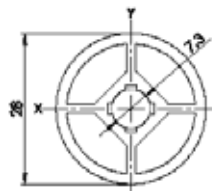
<b>Item Code</b>	SP 1522,5
$I_x$	0,33 cm <sup>4</sup>
$I_y$	0,81 cm <sup>4</sup>
$W_x$	0,40 cm <sup>3</sup>
$W_y$	0,72 cm <sup>3</sup>
G	0,33 kg/m
A	1,21 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	3000 mm



<b>Item Code</b>	SP 22,545
$I_x$	6,81 cm <sup>4</sup>
$I_y$	2,84 cm <sup>4</sup>
$W_x$	3,03 cm <sup>3</sup>
$W_y$	2,53 cm <sup>3</sup>
G	1,22 kg/m
A	4,51 cm <sup>2</sup>
VPE / PU	24 Stk. / pcs.
L	6000 mm

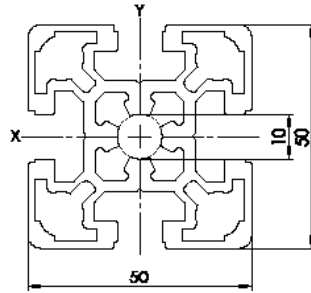


<b>Item Code</b>	SP D28
$I_x$	1,61 cm <sup>4</sup>
$I_y$	1,61 cm <sup>4</sup>
$W_x$	0,58 cm <sup>3</sup>
$W_y$	0,58 cm <sup>3</sup>
G	0,71 kg/m
A	2,63 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

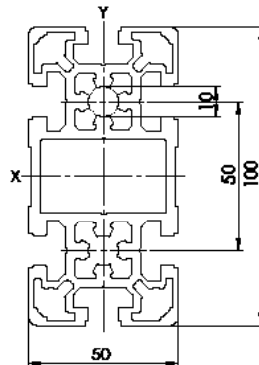


# Series B Base 50

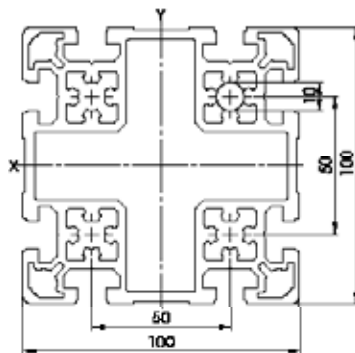
<b>Item Code</b>	<b>SP 5050L</b>
$I_x$	21,68 cm <sup>4</sup>
$I_y$	21,68 cm <sup>4</sup>
$W_x$	8,67 cm <sup>3</sup>
$W_y$	8,67 cm <sup>3</sup>
G	2,57 kg/m
A	9,52 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	<b>SP 50100L</b>
$I_x$	165,70 cm <sup>4</sup>
$I_y$	43,00 cm <sup>4</sup>
$W_x$	33,14 cm <sup>3</sup>
$W_y$	17,20 cm <sup>3</sup>
G	4,73 kg/m
A	17,51 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	6000 mm

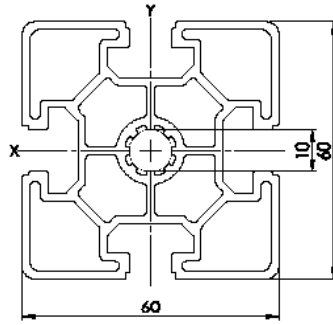


<b>Item Code</b>	<b>SP 100100L</b>
$I_x$	318,90 cm <sup>4</sup>
$I_y$	318,90 cm <sup>4</sup>
$W_x$	63,78 cm <sup>3</sup>
$W_y$	63,78 cm <sup>3</sup>
G	8,12 kg/m
A	30,10 cm <sup>2</sup>
VPE / PU	6 Stk. / pcs.
L	6000 mm

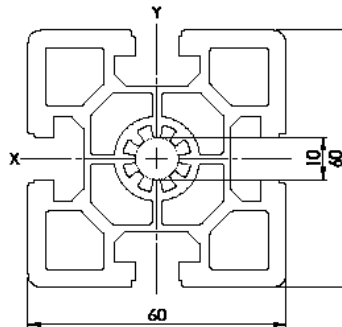


# Series B Base 60

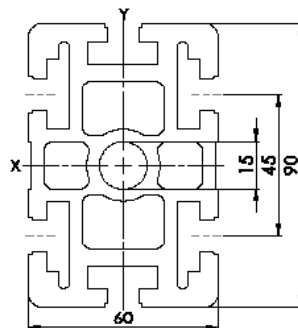
<b>Item Code</b>	SP 6060L
$I_x$	31,71 cm <sup>4</sup>
$I_y$	31,71 cm <sup>4</sup>
$W_x$	10,57 cm <sup>3</sup>
$W_y$	10,57 cm <sup>3</sup>
G	2,57 kg/m
A	9,52 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 6060
$I_x$	52,69 cm <sup>4</sup>
$I_y$	52,69 cm <sup>4</sup>
$W_x$	17,56 cm <sup>3</sup>
$W_y$	17,56 cm <sup>3</sup>
G	3,86 kg/m
A	14,31 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



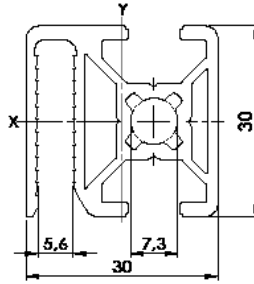
<b>Item Code</b>	SP 6090
$I_x$	212,45 cm <sup>4</sup>
$I_y$	90,43 cm <sup>4</sup>
$W_x$	47,21 cm <sup>3</sup>
$W_y$	30,14 cm <sup>3</sup>
G	6,92 kg/m
A	25,64 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	6000 mm



## Series B Special profiles

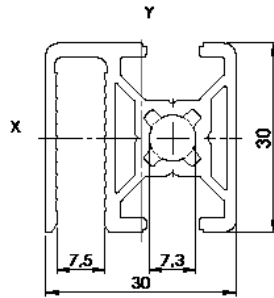
**Item Code** SP 3030SG30

$I_x$	2,60 cm <sup>4</sup>
$I_y$	3,04 cm <sup>4</sup>
$W_x$	1,65 cm <sup>3</sup>
$W_y$	1,96 cm <sup>3</sup>
G	0,87 kg/m
A	3,21 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



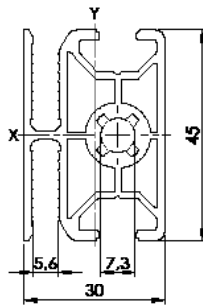
**Item Code** SP 3030SG40

$I_x$	2,48 cm <sup>4</sup>
$I_y$	2,91 cm <sup>4</sup>
$W_x$	1,58 cm <sup>3</sup>
$W_y$	1,83 cm <sup>3</sup>
G	0,85 kg/m
A	3,13 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



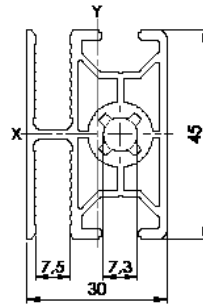
**Item Code** SP 3045SG30

$I_x$	7,21 cm <sup>4</sup>
$I_y$	4,29 cm <sup>4</sup>
$W_x$	3,21 cm <sup>3</sup>
$W_y$	2,74 cm <sup>3</sup>
G	1,22 kg/m
A	4,51 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm

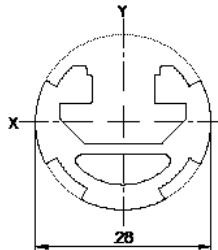


## Series B Special profiles

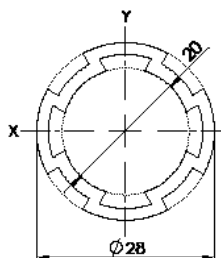
<b>Item Code</b>	<b>SP 3045SG40</b>
$I_x$	6,95 cm <sup>4</sup>
$I_y$	4,11 cm <sup>4</sup>
$W_x$	3,09 cm <sup>3</sup>
$W_y$	2,57 cm <sup>3</sup>
G	1,20 kg/m
A	4,44 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm






<b>Item Code</b>	<b>SP D28L</b>
$I_x$	1,02 cm <sup>4</sup>
$I_y$	1,97 cm <sup>4</sup>
$W_x$	0,88 cm <sup>3</sup>
$W_y$	1,41 cm <sup>3</sup>
G	0,71 kg/m
A	2,63 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	<b>SP D28L</b>
$I_x$	1,33 cm <sup>4</sup>
$I_y$	1,33 cm <sup>4</sup>
$W_x$	0,50 cm <sup>3</sup>
$W_y$	0,50 cm <sup>3</sup>
G	0,48 kg/m
A	1,79 cm <sup>2</sup>
VPE / PU	20 Stk. / pcs.
L	6000 mm



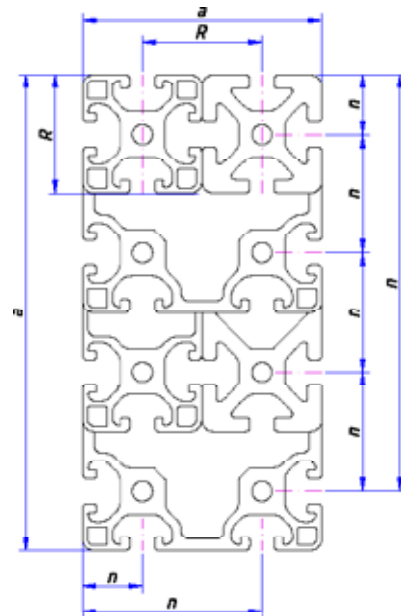
# Series I

Rastermaß R [mm] <i>Base dimension R</i>		
5	6	8
		
Nut 5 <i>Nut 5</i>	Nut 6 <i>Nut 6</i>	Nut 8 <i>Nut 8</i>

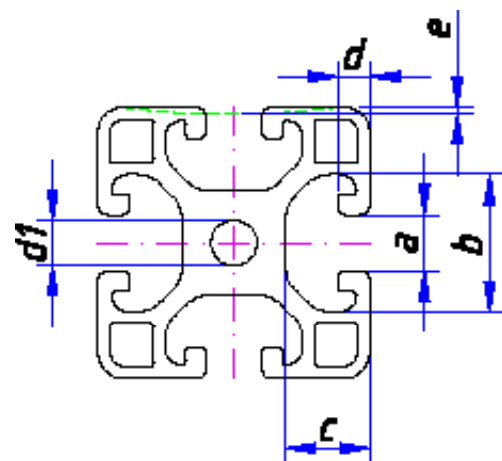


## Tolerances Series I

Edge length of profile		Tolerances
a [mm]		Sense of proportion a respectively
at	to	Position of nut $\pm$ [mm]
0	10	$\pm 0,1$
10	20	$\pm 0,15$
20	40	$\pm 0,2$
40	60	$\pm 0,3$
60	80	$\pm 0,4$
80	100	$\pm 0,45$
100	120	$\pm 0,50$
120	160	$\pm 0,6$



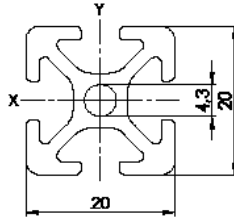
	5	6	8
a	$5,0 +0,3/-0$	$6,2 +0,3/-0$	$8,0 +0,4/-0$
b	$11,5 +0,3/-0$	$16,3 +0,3/-0$	$20,0 +0,4/-0$
c	$6,35 \pm 0,15$	$9,75 +0,2/-0$	$12,25 +0,3/-0$
d	$1,8 \pm 0,1$	$3,0 +0/-0,25$	$4,5 +0,3/-0$
e	$0,15 \pm 0,1$	$0,15 \pm 0,1$	$0,2 \pm 0,1$
d1	$4,3 \pm 0,1$	$5,0 +0,2/-0$	$6,8 +0/-0,2$



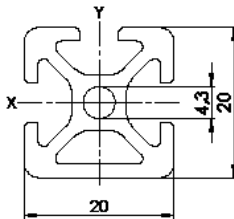
## Series I Base 20



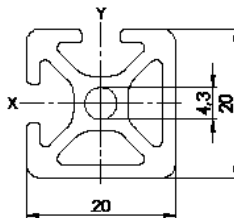
<b>Item Code</b>	SP 2020
$I_x$	0,74 cm <sup>4</sup>
$I_y$	0,74 cm <sup>4</sup>
$W_x$	0,74 cm <sup>3</sup>
$W_y$	0,74 cm <sup>3</sup>
G	0,49 kg/m
A	1,82 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	3000 mm



<b>Item Code</b>	SP 20203N
$I_x$	0,82 cm <sup>4</sup>
$I_y$	0,75 cm <sup>4</sup>
$W_x$	0,78 cm <sup>3</sup>
$W_y$	0,75 cm <sup>3</sup>
G	0,52 kg/m
A	1,92 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	3000 mm



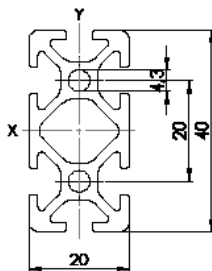
<b>Item Code</b>	SP 20202NE
$I_x$	0,82 cm <sup>4</sup>
$I_y$	0,82 cm <sup>4</sup>
$W_x$	0,79 cm <sup>3</sup>
$W_y$	0,79 cm <sup>3</sup>
G	0,53 kg/m
A	2,01 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	3000 mm



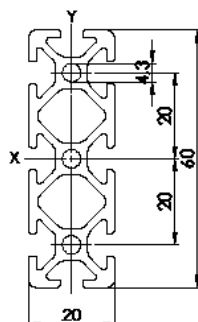
## Series I Base 20



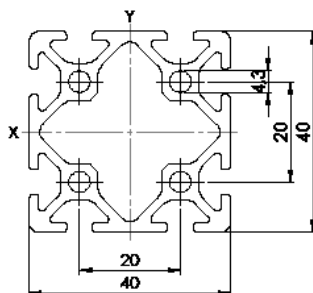
<b>Item Code</b>	SP 2040
$I_x$	5,12 cm <sup>4</sup>
$I_y$	1,40 cm <sup>4</sup>
$W_x$	2,56 cm <sup>3</sup>
$W_y$	1,40 cm <sup>3</sup>
G	0,89 kg/m
A	3,29 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	3000 mm



<b>Item Code</b>	SP 2060
$I_x$	16,07 cm <sup>4</sup>
$I_y$	2,07 cm <sup>4</sup>
$W_x$	5,36 cm <sup>3</sup>
$W_y$	2,07 cm <sup>3</sup>
G	1,28 kg/m
A	4,76 cm <sup>2</sup>
VPE / PU	5 Stk. / pcs.
L	3000 mm

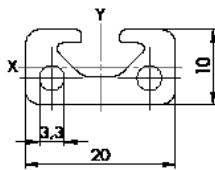


<b>Item Code</b>	SP 4040
$I_x$	9,24 cm <sup>4</sup>
$I_y$	9,24 cm <sup>4</sup>
$W_x$	4,62 cm <sup>3</sup>
$W_y$	4,62 cm <sup>3</sup>
G	1,38 kg/m
A	5,10 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm

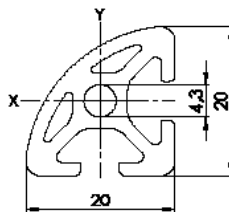


## Series I Base 20

<b>Item Code</b>	SP 1020
$I_x$	0,12 cm <sup>4</sup>
$I_y$	0,53 cm <sup>4</sup>
$W_x$	0,22 cm <sup>3</sup>
$W_y$	0,53 cm <sup>3</sup>
G	0,35 kg/m
A	1,29 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	3000 mm

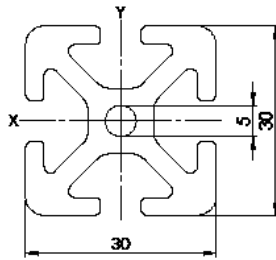


<b>Item Code</b>	SP 20R90
$I_x$	0,58 cm <sup>4</sup>
$I_y$	0,58 cm <sup>4</sup>
$W_x$	0,54 cm <sup>3</sup>
$W_y$	0,54 cm <sup>3</sup>
G	0,47 kg/m
A	1,72 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	3000 mm

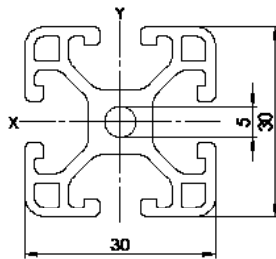


## Series I Base 30

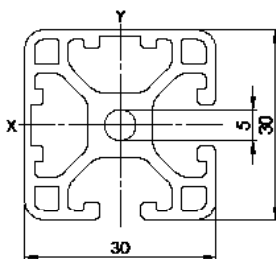
<b>Item Code</b>	SP 3030
$I_x$	4,13 cm <sup>4</sup>
$I_y$	4,13 cm <sup>4</sup>
$W_x$	2,75 cm <sup>3</sup>
$W_y$	2,75 cm <sup>3</sup>
G	1,24 kg/m
A	4,60 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 3030L
$I_x$	2,88 cm <sup>4</sup>
$I_y$	2,88 cm <sup>4</sup>
$W_x$	1,92 cm <sup>3</sup>
$W_y$	1,92 cm <sup>3</sup>
G	0,90 kg/m
A	3,34 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm



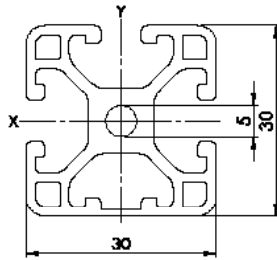
<b>Item Code</b>	SP 3030L2NE
$I_x$	3,02 cm <sup>4</sup>
$I_y$	3,02 cm <sup>4</sup>
$W_x$	1,98 cm <sup>3</sup>
$W_y$	1,98 cm <sup>3</sup>
G	0,94 kg/m
A	3,48 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



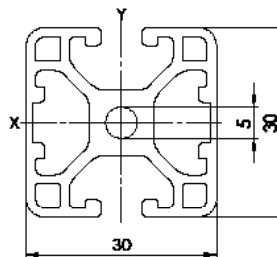
## Series I Base 30



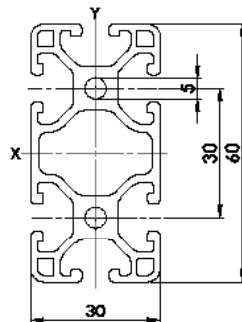
Item Code	SP 3030L3N
$I_x$	3,02 cm <sup>4</sup>
$I_y$	2,88 cm <sup>4</sup>
$W_x$	1,98 cm <sup>3</sup>
$W_y$	1,92 cm <sup>3</sup>
G	0,92 kg/m
A	3,41 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



Item Code	SP 3030L2NP
$I_x$	2,89 cm <sup>4</sup>
$I_y$	3,17 cm <sup>4</sup>
$W_x$	1,92 cm <sup>3</sup>
$W_y$	2,11 cm <sup>3</sup>
G	0,94 kg/m
A	3,48 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm

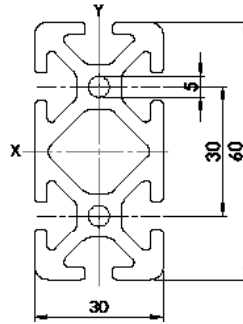


Item Code	SP 3060L
$I_x$	20,80 cm <sup>4</sup>
$I_y$	5,47 cm <sup>4</sup>
$W_x$	6,93 cm <sup>3</sup>
$W_y$	3,65 cm <sup>3</sup>
G	1,61 kg/m
A	5,94 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm

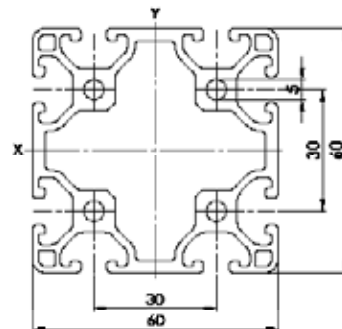


# Series I Base 30

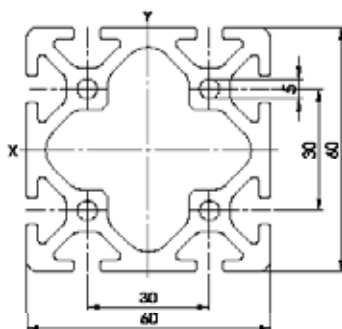
<b>Item Code</b>	<b>SP 3060</b>
$I_x$	28,90 cm <sup>4</sup>
$I_y$	7,85 cm <sup>4</sup>
$W_x$	9,63 cm <sup>3</sup>
$W_y$	5,24 cm <sup>3</sup>
G	2,24 kg/m
A	8,31 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	<b>SP 6060L</b>
$I_x$	38,69 cm <sup>4</sup>
$I_y$	38,69 cm <sup>4</sup>
$W_x$	12,90 cm <sup>3</sup>
$W_y$	12,90 cm <sup>3</sup>
G	2,62 kg/m
A	9,71 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm

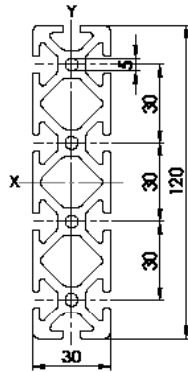


<b>Item Code</b>	<b>SP 6060</b>
$I_x$	53,13 cm <sup>4</sup>
$I_y$	53,13 cm <sup>4</sup>
$W_x$	17,71 cm <sup>3</sup>
$W_y$	17,71 cm <sup>3</sup>
G	3,54 kg/m
A	13,1 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm

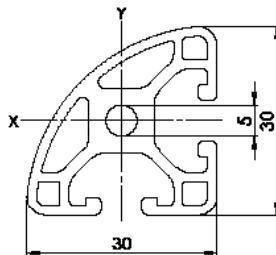


## Series I Base 30

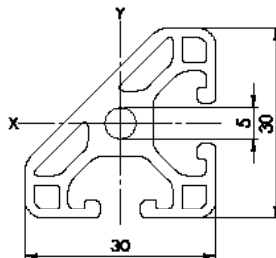
<b>Item Code</b>	SP 30120
$I_x$	207,28 cm <sup>4</sup>
$I_y$	15,31 cm <sup>4</sup>
$W_x$	34,55 cm <sup>3</sup>
$W_y$	10,20 cm <sup>3</sup>
G	4,25 kg/m
A	15,73 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 30LR90
$I_x$	2,14 cm <sup>4</sup>
$I_y$	2,14 cm <sup>4</sup>
$W_x$	1,30 cm <sup>3</sup>
$W_y$	1,30 cm <sup>3</sup>
G	0,81 kg/m
A	2,99 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	3000 mm



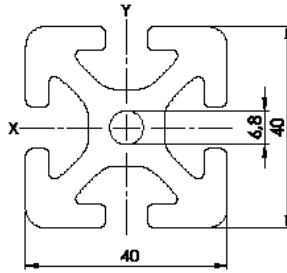
<b>Item Code</b>	SP 3030L45°
$I_x$	2,20 cm <sup>4</sup>
$I_y$	2,20 cm <sup>4</sup>
$W_x$	1,32 cm <sup>3</sup>
$W_y$	1,32 cm <sup>3</sup>
G	0,82 kg/m
A	3,05 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	3000 mm



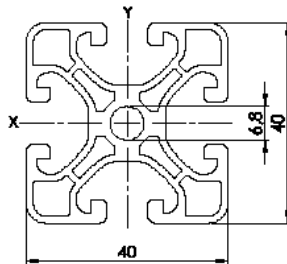


# Series I Base 40

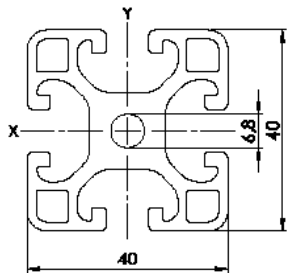
<b>Item Code</b>	SP 4040
$I_x$	14,14 cm <sup>4</sup>
$I_y$	14,14 cm <sup>4</sup>
$W_x$	7,07 cm <sup>3</sup>
$W_y$	7,07 cm <sup>3</sup>
G	2,47 kg/m
A	9,14 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 4040E
$I_x$	8,12 cm <sup>4</sup>
$I_y$	8,12 cm <sup>4</sup>
$W_x$	4,06 cm <sup>3</sup>
$W_y$	4,06 cm <sup>3</sup>
G	1,48 kg/m
A	5,47 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm

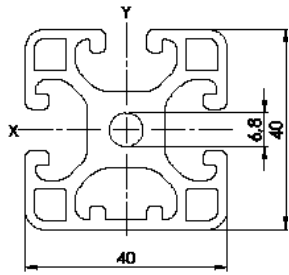


<b>Item Code</b>	SP 4040L
$I_x$	9,18 cm <sup>4</sup>
$I_y$	9,18 cm <sup>4</sup>
$W_x$	4,59 cm <sup>3</sup>
$W_y$	4,59 cm <sup>3</sup>
G	1,75 kg/m
A	6,48 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm

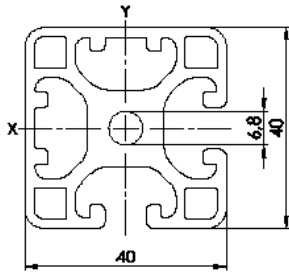


# Series I Base 40

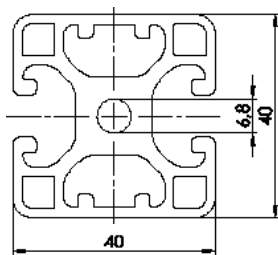
<b>Item Code</b>	<b>SP 4040L3N</b>
$I_x$	9,80 cm <sup>4</sup>
$I_y$	9,19 cm <sup>4</sup>
$W_x$	4,78 cm <sup>3</sup>
$W_y$	4,60 cm <sup>3</sup>
G	1,80 kg/m
A	6,65 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	<b>SP 4040L2NE</b>
$I_x$	9,81 cm <sup>4</sup>
$I_y$	9,81 cm <sup>4</sup>
$W_x$	4,79 cm <sup>3</sup>
$W_y$	4,79 cm <sup>3</sup>
G	1,84 kg/m
A	6,83 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm

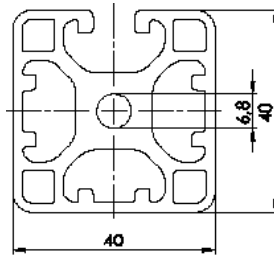


<b>Item Code</b>	<b>SP 4040L2NP</b>
$I_x$	9,20 cm <sup>4</sup>
$I_y$	10,45 cm <sup>4</sup>
$W_x$	4,60 cm <sup>3</sup>
$W_y$	5,22 cm <sup>3</sup>
G	1,84 kg/m
A	6,83 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm

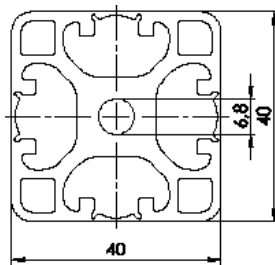


# Series I Base 40

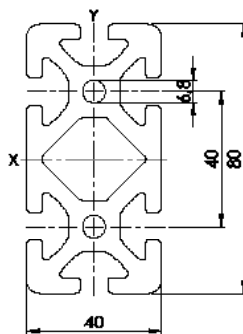
<b>Item Code</b>	<b>SP 4040L1N</b>
$I_x$	9,82 cm <sup>4</sup>
$I_y$	10,46 cm <sup>4</sup>
$W_x$	4,80 cm <sup>3</sup>
$W_y$	5,23 cm <sup>3</sup>
G	1,89 kg/m
A	7,0 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	<b>SP 4040L0N</b>
$I_x$	9,80 cm <sup>4</sup>
$I_y$	9,80 cm <sup>4</sup>
$W_x$	4,90 cm <sup>3</sup>
$W_y$	4,90 cm <sup>3</sup>
G	1,84 kg/m
A	6,8 cm <sup>2</sup>
VPE / PU	16 Stk. / pcs.
L	6000 mm

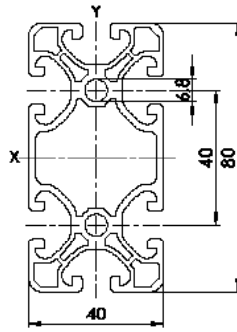


<b>Item Code</b>	<b>SP 4080</b>
$I_x$	101,41 cm <sup>4</sup>
$I_y$	27,21 cm <sup>4</sup>
$W_x$	25,35 cm <sup>3</sup>
$W_y$	13,61 cm <sup>3</sup>
G	4,52 kg/m
A	16,74 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm

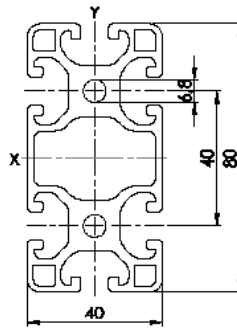


# Series I Base 40

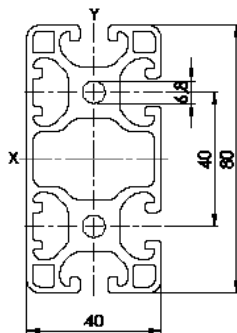
<b>Item Code</b>	SP 4080E
$I_x$	60,20 cm <sup>4</sup>
$I_y$	15,93 cm <sup>4</sup>
$W_x$	7,96 cm <sup>3</sup>
$W_y$	15,05 cm <sup>3</sup>
G	2,48 kg/m
A	9,18 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 4080L
$I_x$	70,07 cm <sup>4</sup>
$I_y$	16,93 cm <sup>4</sup>
$W_x$	17,52 cm <sup>3</sup>
$W_y$	8,47 cm <sup>3</sup>
G	3,05 kg/m
A	11,31 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm

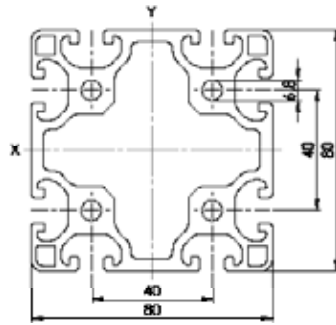


<b>Item Code</b>	SP 4080L4N
$I_x$	71,49 cm <sup>4</sup>
$I_y$	18,16 cm <sup>4</sup>
$W_x$	17,87 cm <sup>3</sup>
$W_y$	8,83 cm <sup>3</sup>
G	3,15 kg/m
A	11,66 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm

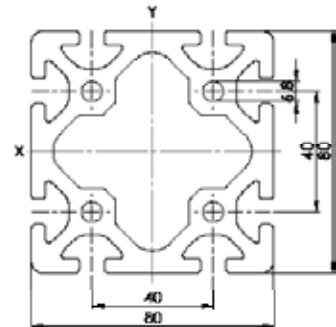


# Series I Base 40

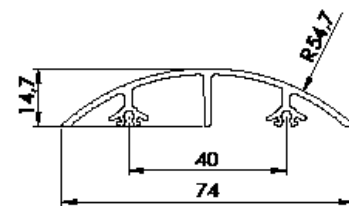
<b>Item Code</b>	SP 8080L
$I_x$	134,90 cm <sup>4</sup>
$I_y$	134,90 cm <sup>4</sup>
$W_x$	33,72 cm <sup>3</sup>
$W_y$	33,72 cm <sup>3</sup>
G	5,33 kg/m
A	19,75 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 8080
$I_x$	188,05 cm <sup>4</sup>
$I_y$	188,05 cm <sup>4</sup>
$W_x$	47,01 cm <sup>3</sup>
$W_y$	47,01 cm <sup>3</sup>
G	7,17 kg/m
A	26,57 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm

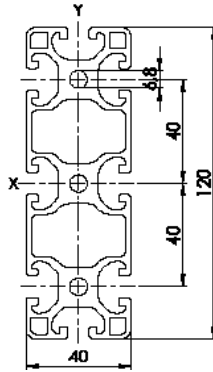


<b>Item Code</b>	SP 80 AP
G	0,55 kg/m
A	20,26 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	4150 mm

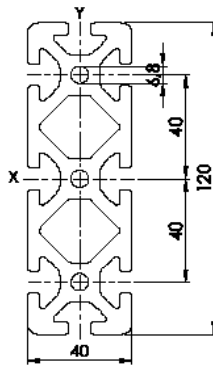


# Series I Base 40

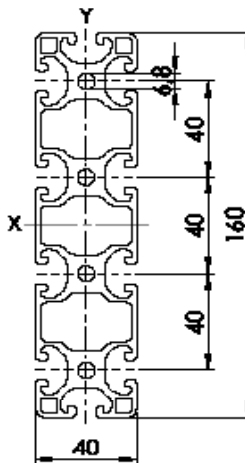
<b>Item Code</b>	SP 40120L
$I_x$	221,43 cm <sup>4</sup>
$I_y$	24,69 cm <sup>4</sup>
$W_x$	36,91 cm <sup>3</sup>
$W_y$	12,34 cm <sup>3</sup>
G	4,36 kg/m
A	16,14 cm <sup>2</sup>
VPE / PU	5 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 40120
$I_x$	322,57 cm <sup>4</sup>
$I_y$	40,28 cm <sup>4</sup>
$W_x$	53,76 cm <sup>3</sup>
$W_y$	20,14 cm <sup>3</sup>
G	6,57 kg/m
A	24,33 cm <sup>2</sup>
VPE / PU	5 Stk. / pcs.
L	6000 mm



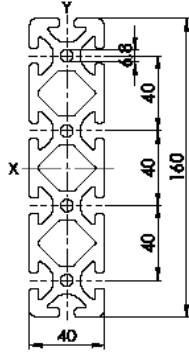
<b>Item Code</b>	SP 40160L
$I_x$	501,91 cm <sup>4</sup>
$I_y$	32,44 cm <sup>4</sup>
$W_x$	16,22 cm <sup>3</sup>
$W_y$	62,74 cm <sup>3</sup>
G	5,67 kg/m
A	20,97 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm



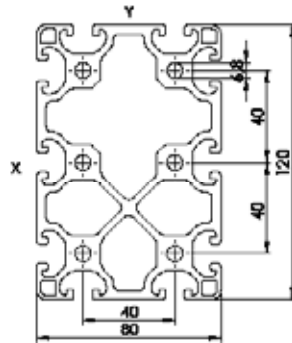
# Series I Base 40



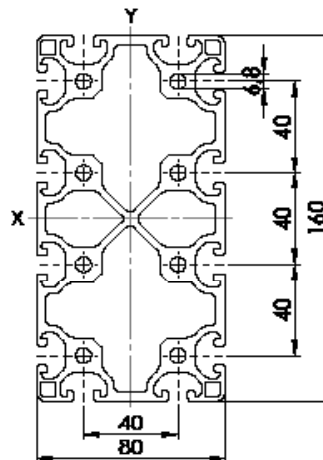
<b>Item Code</b>	SP 40160
$I_x$	738,38 cm <sup>4</sup>
$I_y$	53,34 cm <sup>4</sup>
$W_x$	16,67 cm <sup>3</sup>
$W_y$	92,30 cm <sup>3</sup>
G	8,62 kg/m
A	31,93 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 80120L
$I_x$	202,75 cm <sup>4</sup>
$I_y$	422,46 cm <sup>4</sup>
$W_x$	50,69 cm <sup>3</sup>
$W_y$	68,44 cm <sup>3</sup>
G	8,12 kg/m
A	30,08 cm <sup>2</sup>
VPE / PU	2 Stk. / pcs.
L	6000 mm



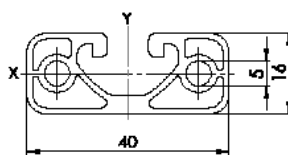
<b>Item Code</b>	SP 80160L
$I_x$	902,06 cm <sup>4</sup>
$I_y$	265,74 cm <sup>4</sup>
$W_x$	112,76 cm <sup>3</sup>
$W_y$	66,44 cm <sup>3</sup>
G	10,06 kg/m
A	37,24 cm <sup>2</sup>
VPE / PU	2 Stk. / pcs.
L	6000 mm



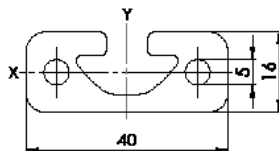
## Series I Base 40



<b>Item Code</b>	SP 1640E
$I_x$	0,69 cm <sup>4</sup>
$I_y$	3,71 cm <sup>4</sup>
$W_x$	0,84 cm <sup>3</sup>
$W_y$	1,86 cm <sup>3</sup>
G	0,66 kg/m
A	2,45cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	3000 mm



<b>Item Code</b>	SP 1640
$I_x$	1,09 cm <sup>4</sup>
$I_y$	6,95 cm <sup>4</sup>
$W_x$	1,27 cm <sup>3</sup>
$W_y$	3,47 cm <sup>3</sup>
G	1,16 kg/m
A	4,28 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	3000 mm

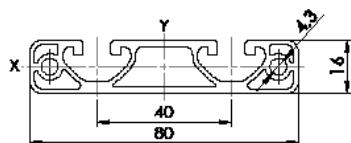




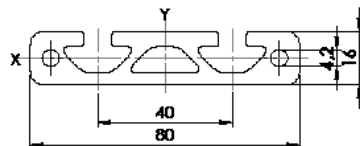
## Series I Base 40



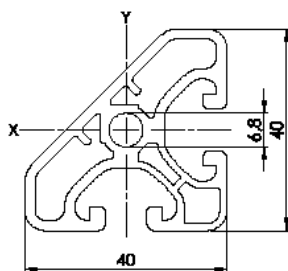
<b>Item Code</b>	SP 1680E
$I_x$	1,57 cm <sup>4</sup>
$I_y$	31,32 cm <sup>4</sup>
$W_x$	1,89 cm <sup>3</sup>
$W_y$	7,83 cm <sup>3</sup>
G	1,34 kg/m
A	4,98 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	3000 mm



<b>Item Code</b>	SP 1680
$I_x$	2,20 cm <sup>4</sup>
$I_y$	49,34 cm <sup>4</sup>
$W_x$	2,62 cm <sup>3</sup>
$W_y$	12,34 cm <sup>3</sup>
G	2,16 kg/m
A	8,01 cm <sup>2</sup>
VPE / PU	10 Stk. / pcs.
L	3000 mm



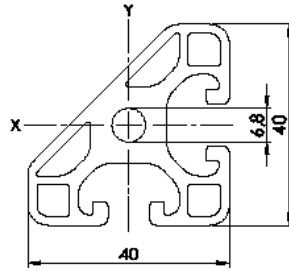
<b>Item Code</b>	SP 4040E45°
$I_x$	5,95 cm <sup>4</sup>
$I_y$	5,95 cm <sup>4</sup>
$W_x$	2,60 cm <sup>3</sup>
$W_y$	2,60 cm <sup>3</sup>
G	1,23 kg/m
A	4,54 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



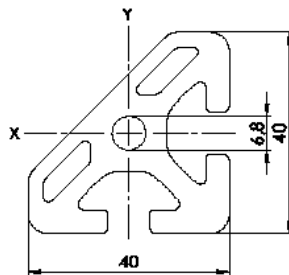
## Series I Base 40



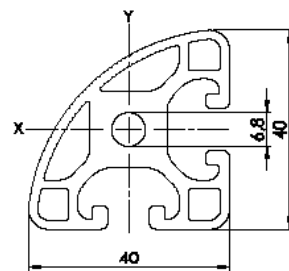
<b>Item Code</b>	SP 4040L45°
$I_x$	6,63 cm <sup>4</sup>
$I_y$	6,63 cm <sup>4</sup>
$W_x$	2,95 cm <sup>3</sup>
$W_y$	2,95 cm <sup>3</sup>
G	1,50 kg/m
A	5,57 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



<b>Item Code</b>	SP 404045°
$I_x$	9,51 cm <sup>4</sup>
$I_y$	9,51 cm <sup>4</sup>
$W_x$	4,12 cm <sup>3</sup>
$W_y$	4,12 cm <sup>3</sup>
G	1,98 kg/m
A	7,33 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



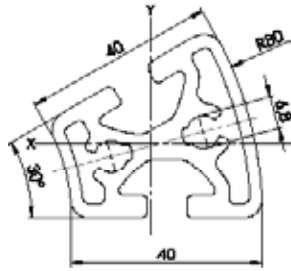
<b>Item Code</b>	SP 40LR90
$I_x$	6,63 cm <sup>4</sup>
$I_y$	6,63 cm <sup>4</sup>
$W_x$	3,02 cm <sup>3</sup>
$W_y$	3,02 cm <sup>3</sup>
G	1,52 kg/m
A	5,64 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	6000 mm



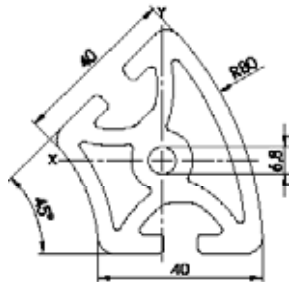
## Series I Base 40



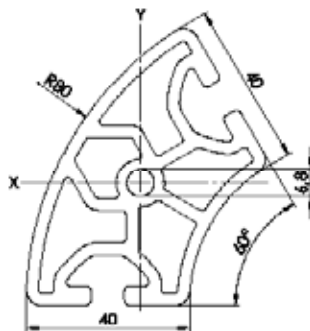
<b>Item Code</b>	<b>SP 40RR30</b>
$I_x$	6,56 cm <sup>4</sup>
$I_y$	8,99 cm <sup>4</sup>
$W_x$	2,91 cm <sup>3</sup>
$W_y$	3,83 cm <sup>3</sup>
<b>G</b>	1,68 kg/m
<b>A</b>	6,22 cm <sup>2</sup>
<b>VPE / PU</b>	6 Stk. / pcs.
<b>L</b>	6000 mm



<b>Item Code</b>	<b>SP 40RR45</b>
$I_x$	22,42 cm <sup>4</sup>
$I_y$	16,68 cm <sup>4</sup>
$W_x$	7,08 cm <sup>3</sup>
$W_y$	6,38 cm <sup>3</sup>
<b>G</b>	2,77 kg/m
<b>A</b>	10,27 cm <sup>2</sup>
<b>VPE / PU</b>	6 Stk. / pcs.
<b>L</b>	6000 mm



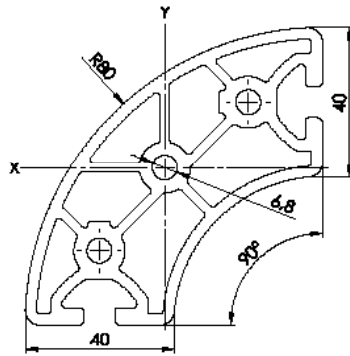
<b>Item Code</b>	<b>SP 40RR60</b>
$I_x$	35,44 cm <sup>4</sup>
$I_y$	22,89 cm <sup>4</sup>
$W_x$	9,33 cm <sup>3</sup>
$W_y$	7,59 cm <sup>3</sup>
<b>G</b>	2,86 kg/m
<b>A</b>	10,6 cm <sup>2</sup>
<b>VPE / PU</b>	6 Stk. / pcs.
<b>L</b>	6000 mm



# Series I Base 40

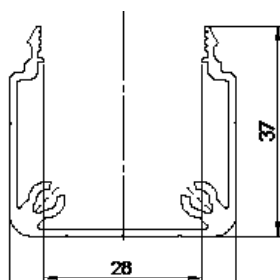


Item Code	SP 40RR90
$I_x$	76,85 cm <sup>4</sup>
$I_y$	76,85 cm <sup>4</sup>
$W_x$	19,16 cm <sup>3</sup>
$W_y$	19,16 cm <sup>3</sup>
G	4,1 kg/m
A	15,14 cm <sup>2</sup>
VPE / PU	4 Stk. / pcs.
L	6000 mm

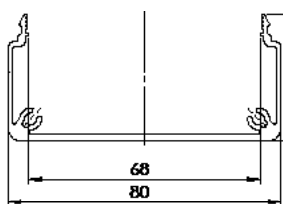


## Series I Special profiles

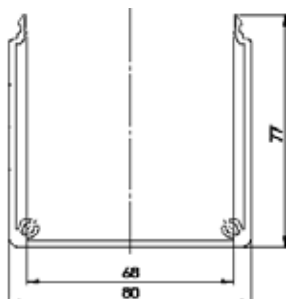
<b>Item Code</b>	<b>SP KK4040</b>
<b>G</b>	0,58 kg/m
<b>A</b>	21,6 cm <sup>2</sup>
<b>VPE / PU</b>	12 Stk. / pcs.
<b>L</b>	3000 mm



<b>Item Code</b>	<b>SP KK4080</b>
<b>G</b>	0,91 kg/m
<b>A</b>	33,82 cm <sup>2</sup>
<b>VPE / PU</b>	8 Stk. / pcs.
<b>L</b>	3000 mm



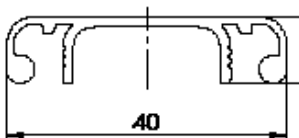
<b>Item Code</b>	<b>SP KK8080</b>
<b>G</b>	1,53 kg/m
<b>A</b>	56,7 cm <sup>2</sup>
<b>VPE / PU</b>	8 Stk. / pcs.
<b>L</b>	3000 mm



## Series I Special profiles

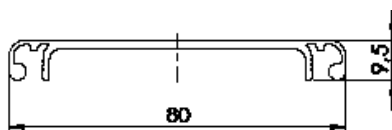
**Item Code** SP KK40D

G	0,31 kg/m
A	11,35 cm <sup>2</sup>
VPE / PU	12 Stk. / pcs.
L	3000 mm



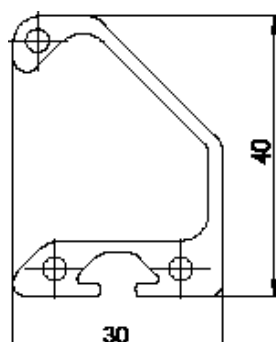
**Item Code** SP KK80D

G	0,55 kg/m
A	20,4 cm <sup>2</sup>
VPE / PU	8 Stk. / pcs.
L	3000 mm



**Item Code** SP Handle bar

G	0,77 kg/m
A	28,4 cm <sup>2</sup>
VPE / PU	1 Stk. / pcs.
L	3000 mm





For further information, to set up a meeting, or just for an informal chat with one of our experienced engineers, don't hesitate to get in touch by email, telephone, post or just by dropping in with us.

Our engineers and sales team is always happy to answer any questions you may have

