

# Panel Profiles



# PP-Profiles

## Features

- for fast and easy assembly of housings, tables and frames
- aluminium, anodized
- made according to DIN 17615
- light, very solid
- lengthwise especially suitable for use as supporting panelling
- with our profile connections very firm, stress, reversion and bending resistant connections are produced by means of profile bore holes and hexagon socket screws in connection with PS-Profiles

## Technical Data

|                            | PP 50                                    | PP 100                                                         | PP 150                                                         | PP 200                                                         | PP 250                                                         |
|----------------------------|------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| dimensions (W x H)         | 50 x 16 mm                               | 100 x 16 mm                                                    | 150 x 16 mm                                                    | 200 x 16 mm                                                    | 250 x 16 mm                                                    |
| length                     | up to 3 m (special lengths upon request) |                                                                |                                                                |                                                                |                                                                |
| weight                     | 1,140 g/m                                | 1,890 g/m                                                      | 2,640 g/m                                                      | 3,390 g/m                                                      | 4,140 g/m                                                      |
|                            | hollow indentation<br>Ø 5.5 mm for<br>M6 | 2 hollow<br>indentations Ø 5.5<br>mm for M6<br>in a grid of 50 | 3 hollow<br>indentations Ø 5.5<br>mm for M6<br>in a grid of 50 | 4 hollow<br>indentations Ø 5.5<br>mm for M6<br>in a grid of 50 | 5 hollow<br>indentations Ø 5.5<br>mm for M6<br>in a grid of 50 |
| inertia moment $I_x$       | 8.13 cm <sup>4</sup>                     | 67.27 cm <sup>4</sup>                                          | 213.92 cm <sup>4</sup>                                         | 482.77 cm <sup>4</sup>                                         | 908.52 cm <sup>4</sup>                                         |
| inertia moment $I_y$       | 1.37 cm <sup>4</sup>                     | 2.46 cm <sup>4</sup>                                           | 3.55 cm <sup>4</sup>                                           | 4.64 cm <sup>4</sup>                                           | 5.74 cm <sup>4</sup>                                           |
| moment of resistance $W_x$ | 3.25 cm <sup>3</sup>                     | 13.45 cm <sup>3</sup>                                          | 28.52 cm <sup>3</sup>                                          | 48.27 cm <sup>3</sup>                                          | 72.68 cm <sup>3</sup>                                          |
| moment of resistance $W_y$ | 1.71 cm <sup>3</sup>                     | 3.08 cm <sup>3</sup>                                           | 4.44 cm <sup>3</sup>                                           | 5.80 cm <sup>3</sup>                                           | 7.17 cm <sup>3</sup>                                           |

## Ordering Data

| profile designation              | Art. No: L = 1000<br>Art. No: L = 3000 |
|----------------------------------|----------------------------------------|
| <b>PP 50</b><br>W 50 x H 16 mm   | 201 040 1000<br>201 040 3000           |
| <b>PP 100</b><br>W 100 x H 16 mm | 201 041 1000<br>201 041 3000           |
| <b>PP 150</b><br>W 150 x H 16 mm | 201 042 1000<br>201 042 3000           |
| <b>PP 200</b><br>W 200 x H 16 mm | 201 043 1000<br>201 043 3000           |
| <b>PP 250</b><br>W 250 x H 16 mm | 201 009 1000<br>201 009 3000           |

## Dimension Drawings

