Enables housings of required dimensions to be made quickly, using appropriately cut aluminium sheets as sides

- Made of anodised aluminium

- Has slots for accommodating circuit boards

- Profiles 1 and 2 can be used together

---

### Accessories Fixing

- **slot-in fixing** for sheets upto 1.5mm
- **clamp fixing** for sheets from 2 to 5mm

#### Clamp Fixing Set

- 10 slide nuts M3 (1)
- 10 Aluminium Clamp brackets (2)
- 10 M3x10 screws (3)

**item no.: 129 011**

- **Domed-head screw M5x20**
- 100 pack

**item no.: 496 050 0206**

---

### Example of an aluminium housing made of Housing Profiles 1

Frame made of Housing Profil 1

Dimensions

---

### Assembly

To assemble housings:

Simply insert 1.5mm side sheets in the slots, and fix end plates each with 4 × M5 × 20 screws, which will self-tap into profile grooves.
Front- and Backplates
...for carrier frames BGT

Front Plates
...for carrier frames BGT

Front Plate Handle Profile
... for screwing on Front Plates

Front- and Backplates
anodised 2 mm thick, aluminium

<table>
<thead>
<tr>
<th>item no.</th>
<th>B</th>
<th>b1</th>
<th>b2</th>
</tr>
</thead>
<tbody>
<tr>
<td>138 081 0001</td>
<td>20,0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>138 082 0001</td>
<td>25,1</td>
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<tr>
<td>138 083 0001</td>
<td>50,5</td>
<td>35,6</td>
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<tr>
<td>138 084 0001</td>
<td>101,3</td>
<td>86,4</td>
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<tr>
<td>138 085 0001</td>
<td>202,9</td>
<td>188,0</td>
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<tr>
<td>138 086 0001</td>
<td>426,4</td>
<td>411,5</td>
<td>203,2</td>
</tr>
<tr>
<td>138 087 0001</td>
<td>431,5</td>
<td>416,6</td>
<td>213,4</td>
</tr>
<tr>
<td>138 088 0001</td>
<td>253,7</td>
<td>238,7</td>
<td></td>
</tr>
</tbody>
</table>

Front Plates
anodised 2 mm thick aluminium with fixing holes for circuit boards and front plates

<table>
<thead>
<tr>
<th>item no.</th>
<th>B</th>
<th>b1</th>
</tr>
</thead>
<tbody>
<tr>
<td>138 071 0001</td>
<td>20,0</td>
<td></td>
</tr>
<tr>
<td>138 072 0001</td>
<td>25,1</td>
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</tr>
<tr>
<td>138 073 0001</td>
<td>50,5</td>
<td>35,6</td>
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<td>138 074 0001</td>
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<td>86,4</td>
</tr>
<tr>
<td>138 075 0001</td>
<td>75,9</td>
<td>61,0</td>
</tr>
</tbody>
</table>

Front Plate Handle Profile
anodised aluminium profile with channel for slide nuts or tapped hole strips, for fixing to front plate

<table>
<thead>
<tr>
<th>item no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>138 110</td>
</tr>
<tr>
<td>138 111</td>
</tr>
<tr>
<td>138 112</td>
</tr>
<tr>
<td>138 113</td>
</tr>
<tr>
<td>138 114</td>
</tr>
<tr>
<td>1000 mm long</td>
</tr>
<tr>
<td>3000 mm long</td>
</tr>
</tbody>
</table>

Front Plate Handle Profile
For special-lengths please type.-No.: 125 033 9999 + wished length boasts!!
Components

...for mounting circuit boards and front plates

1. Partial front plates
   3 HE, drilled for fixing circuit boards, anodised aluminium
   4 TE
   item no.: 138 071 0001

2. Front plates fixing
   Pack of 2
   item no.: 138 041

3. Domehead screw
   M2,5x5 DIN 7985,
   Pack of 100
   item no.: 493 025 0056

4. Plastic connector angle
   Plastic connector angle for front plate and circuit board
   Pack of 20
   item no.: 138 042 0001

5. Plastic connector piece
   Plastic connector angle for front plate and circuit board
   Pack of 20
   item no.: 138 023 0001

6. Nut
   M2,5, DIN 934, tinned,
   Pack of 100
   item no.: 498 025 0006

7. Guide rails
   Plastic guide reals for Euro-cards
   Pack of 20
   item no.: 138 022 0001

8. Guide rails
   Plastic guide reals for Euro-cards
   Pack of 100
   item no.: 138 022 0002

9. Guide rails
   Plastic guide reals for Euro-cards
   Pack of 20
   item no.: 138 022 0001

10. Guide rails
    Plastic guide reals for Euro-cards
    Pack of 100
    item no.: 138 022 0002
Housing Top- and Bottom Plates

...for carrier frames BGT

**Housing Top- and Bottom Plates**
for carrier frame BGT. Assembly set consisting of 2-perforated, 1,5mm thick anodised aluminium sheets, punched, 2-10” Profiles 2, and screws sufficient for 10” full coverage
222,3 x 208 x 1,5 mm

**item no.: 138 133**

suitable for 19” full coverage
222,3 x 431,7 x 1,5 mm

**item no.: 138 134**

Assembly set as above, but with plain, for partial coverage of 482.6mm (19”) unit
222,3 x 208 x 1,5 mm

**item no.: 138 131**

plain, for partial coverage of 482.6mm (19”) unit
222,3 x 431,7 x 1,5 mm

**item no.: 138 132**

**Housing Top- and Bottom Plates**
for carrier frame BGT anosed 1,5mm thick aluminium, punched coverage of 254mm (10”) unit
162,3 x 208 x 1,5 mm

**item no.: 138 128**

for partial coverage of 162,3 x 431,7 x 1,5 mm

**item no.: 138 129**

anosed 1,5mm thick aluminium not punched plain, for partial coverage of 254mm (10”) unit
162,3 x 208 x 1,5 mm

**item no.: 138 126**

plain, for partial coverage of 162,3 x 431,7 x 1,5 mm

**item no.: 138 127**

**Handles**
... to go with Angle Brackets

**Dimensions**

**Handles**
anodised, polished aluminium
1-pair complete with fixing
Size 1
**item no.: 138 057**

Size 2
**item no.: 138 058**

Size 3
**item no.: 138 059**

black powder - coated
Size 1
**item no.: 138 057 0001**

Size 2
**item no.: 138 058 0001**

Size 3
**item no.: 138 059 0001**

Subject to change without prior notice
Sideplates

...for building carrier frames, system- and table-top housings

**Dimensions**

![Sideplate dimensions diagram]

- **Subject to change without prior notice**

**Sideplates**

Anodised, 2.5mm thick, with pressed locating ridges to facilitate, parallel assembly of Mounting Profiles 1 und 2.

- **3 HE, 132.5 x 235.5 mm**
- **Art.-Nr.: 138 009**

---

**Angle Bracket Profile / Angle Bracket**

...for building carrier frames, system- and table-top housing

**Dimensions**

![Angle Bracket Profile diagram]

**Angle Bracket Profile**

for cutting as required. Anodised Aluminium

- **1000 mm long**
- **item no.: 128 030 1000**

**Angle Bracket**

for carrier frames BGT 10 and BGT 19. Anodised aluminium

- **3 HE**
- **item no.: 138 006**

for BGT 19. Anodised aluminium

- **6 HE**
- **item no.: 138 008**

---

**Tapped Hole Strips**

...for housings and mounting profiles

**Dimensions**

![Tapped Hole Strips diagram]

**Tapped Hole Strips**

Brass strips, M3 tapped holes at 5.08 mm, centres, 203.2 mm long (for 10”)

- **item no.: 138 048**

- **426.7 mm long (for 19”)**
- **item no.: 138 049**

**Slide Nuts**

M3, DIN 562, tinned, Pack of 100

- **item no.: 499 530 0006**

---
Mounting Profiles

...for building circuit card carriers, system- and table-top housings

Mounting Profiles 1

- for building customised carrier frames
- Profile made of natural anodised aluminium
- Available up to 432 mm long, drilled for fixing rails (5.08 mm centres)
- Profile introductions for the admission of most diverse elements, see accompanying listing

Profile introductions for the admission of:
- A) slide nuts or M3 tapped hole strips
- B) self-tapping M5 x 20 screws for fixing endplates
- C) 1.5mm thick aluminium sheet
- D) guide rails with snap-on fixings
- E) nameplates

Dimensions

Mounting Profiles 2

- Carrier frame for guide rails, or for assembling fixings in slot-in- or table-top housings
- Top- and bottom plates can easily be added for table-top housings
- Available up to 432 mm long, drilled for fixing rails (5.08 mm centres)
- Profile introductions for the admission of most diverse elements, see accompanying listing

Profile introductions for the admission of:
- A) slide nuts or M3 tapped hole strips
- B) self-tapping M5 x 20 screws for fixing endplates
- C) guide rails with snap-on fixings
- E) nameplates

Dimensions

Subject to change without prior notice
Components
...for assembling card carrier frames

1. **Side cover**
   - anodised aluminium sheet
   - 2,5 mm thick,
   - 3 HE 132,5 x 235,5 mm
   - item no.: 138 009
   - 6 HE 265,9 x 235,5 mm
   - Art.-Nr.: 138 010

2. **Angle bracket**
   - natural aluminium, 3 HE
   - item no.: 138 006
   - natural aluminium, 6 HE
   - item no.: 138 008

3. **Mounting Profile 1**
   - 432 mm long
   - Art.-Nr.: 125 011 0432

4. **Domhead screws**
   - M5x20, cross-head, nickel plated,
   - 100 pack
   - item no.: 469 050 0206

5. **Handles**
   - polished aluminium, one pair complete with fixing screws
   - 3 HE
   - item no.: 138 057
   - 6 HE
   - item no.: 138 059

6. **Fixing rails**
   - for connectors, DIN 41612,
   - 203,5 mm long (for 10")
   - item no.: 138 044
   - 426,7 mm long (for 19")
   - item no.: 138 045
   - for connectors, DIN 41617,
   - long (for 10")
   - item no.: 138 046
   - 426,7 mm long (for 19")
   - item no.: 138 047

7. **Tapped hole strip**
   - brass strip, M3,
   - 5,08 mm crs,
   - 203,5 mm long (for 10")
   - item no.: 138 048
   - 426,7 mm long (for 19")
   - item no.: 138 049

8. **Side nuts**
   - M3, DIN 562, tinned,
   - 100 pack
   - item no.: 499 530 0006

9. **Side cover**
   - 6 HE 265,9 x 235,5 mm
   - Art.-Nr.: 138 010

10. **Angle bracket**
    - natural aluminium, 3 HE
    - item no.: 138 006
    - natural aluminium, 6 HE
    - item no.: 138 008

11. **Mounting Profile 1**
    - 432 mm long
    - Art.-Nr.: 125 011 0432

12. **Domhead screws**
    - M5x20, cross-head, nickel plated,
    - 100 pack
    - item no.: 469 050 0206

13. **Handles**
    - polished aluminium, one pair complete with fixing screws
    - 3 HE
    - item no.: 138 057
    - 6 HE
    - item no.: 138 059

14. **Fixing rails**
    - for connectors, DIN 41612,
    - 203,5 mm long (for 10")
    - item no.: 138 044
    - 426,7 mm long (for 19")
    - item no.: 138 045
    - for connectors, DIN 41617,
    - long (for 10")
    - item no.: 138 046
    - 426,7 mm long (for 19")
    - item no.: 138 047

15. **Tapped hole strip**
    - brass strip, M3,
    - 5,08 mm crs,
    - 203,5 mm long (for 10")
    - item no.: 138 048
    - 426,7 mm long (for 19")
    - item no.: 138 049

16. **Side nuts**
    - M3, DIN 562, tinned,
    - 100 pack
    - item no.: 499 530 0006

Subject to change without prior notice
Carrier Frame BGT

...Basic unit using Mounting Profile 1

- System carrier frame complying with DIN 41494
- Anodised aluminium profiles, sideplates and angle brackets
- Building set with instructions
- Few easilz assembled components

Dimensions:
- 245mm (10") frame
  - 3 HE, opening 40 TE
- 482.6 mm (19") frame
  - 3 HE, opening 84 TE

Carrier Frames BGT are suitable for meeting user-specific requirements. They are specifically designed for individual adaptation.

Since dimensions comply with DIN 41494, the use of standard components cause no problems.

Hint

The top- and bottom plates available as options from our accessory range can be placed and screwed into recesses in the profiles

Assembly

includes:
- 4 St. Mounting Profile 1
- 2 St. angle brackets
- 2 St. sidplates
- 8 St. Domehead strews

Subject to change without prior notice
System Housings SG
...basic units using Mounting Profiles 1 and 2

System Housings SG 19

As an assembly set
opening 427,8 x 112.8mm,
depth 236mm brown side covers
brown ABS handles,
with assembly instructions
Art.-Nr.: 133 062

- As an assembly set like above,
  but with blue side covers
  silver-grey handles
  with assembly instructions
  item no.: 133 063

System Housings SG 10

As an assembly set
opening 203.8 x 112.8mm,
depth 236mm brown side covers
brown ABS handles,
with assembly instructions
item no.: 133 060

- As an assembly set like above,
  but with blue side covers
  silver-grey handles
  with assembly instructions
  item no.: 133 061

- System housing for table-top use
- Anodised aluminium profiles
  sideplates and angle brackets
- Assembly set with assembly
  instructions
- Sideplates with sunk-in handle
  recesses
- Plastic feet fixed on underside
  ensure stable support and
  stacking

Application
System Housings SG can meet user-specific requirements. They
are intended for adaptation to individual designs.

Assembly
Consisting of:
- 4 St. Mounting Profile 1
- 4 St. Mounting Profile 2
- 2 St. Sideplates
- 4 St. Angle brackets
- 2 St. Housing covers
- 1 St. Backplate
- 2 St. Plastic covers
- 2 St. Handles
- 4 St. Plastic feet Complete set of screws

- Few easily assembled parts
- Dimensions:
  - 245mm (10") carrier frame
    3 HE, opening 40 TE
  - 482.6mm (19") carrier frame
    3 HE, opening 84 TE

Subject to change without prior notice
Table-top Housing STG
....basic units using Mounting Profiles 1 and 2

- System table housing complying with DIN 41494
- Robust aluminium housing (2.5mm aluminium sheet), anthracite
- Housings assembled
- Sideplates with handle recesses
- Plastic guide rails for euro-cards

Dimensions:
- 245mm (10”) frame
  - 3 HE, opening 40 TE
  - 482.6 mm (19”) frame
  - 3 HE, opening 84 TE

Options:
- Housing colour light grey, other colours on request.
- Housing sheets with ventilation slots on request

Application
Table-top Housings STG can meet user-specific requirements. Basic frames are formed by using special carrier frames whose ends are closed by two domed endplates made of 2.5mm aluminium sheet. The outsides of these endplates have handle recesses. Front and rear sheets can be individually fixed by inserting M3 tapped-hole strips in the profiles. The plastic feet screwed to the bottom plate provide firm support, as well as ensuring safe stacking of units one above the other.

Subject to change without prior notice
Housing Profile 
....for building table-top housings in various widths

85 TE (opening 432 x 112.8 mm) includes:
- 1 Housing Profil (drilled)
- 2 side plates 3 HE
- 2 side cover
- 4 feed 30 mm
- Domehead screws

side cover, black  
item no.: 133 042 0001  
side cover, brown  
item no.: 133 042 0001

Table Top Housing PTG 10 (3 HE)  
(without illustration)  
50 TE, (opening 254 x 112.8 mm)  
(Delivery quantity like above)

side cover, black  
item no.: 133 041 0001  
side cover, brown  
item no.: 133 045 0001

Housing Profil (undrilled)

Natur eloxiert  
item no.:  
L=1000 mm  155030 1000  
L=3000 mm  125030 3000  
Naked  
item no.:  
L=1000 mm  155030 1010  
L=3000 mm  125030 3010

Housing Profil (drilled)

Natur eloxiert  
item no.:  
L=1000 mm  155030 1000  
L=3000 mm  125030 3000  
Naked  
item no.:  
L=1000 mm  155031 1010  
L=3000 mm  125031 3010

For special-lengths please:
item no.: 123 030 9999 or  
item no.: 123 031 9999  
+ wished length boasts!!

Table Top Housing PTG

... Housing profile

85 TE (opening 432 x 112.8 mm)
includes:
- 1 Housing Profil (drilled)
- 2 side plates 3 HE
- 2 side cover
- 4 feed 30 mm
- Domehead screws

side cover, black  
item no.: 133 042 0001  
side cover, brown  
item no.: 133 042 0001

Table Top Housing PTG 10 (3 HE)  
(without illustration)  
50 TE, (opening 254 x 112.8 mm)  
(Delivery quantity like above)

side cover, black  
item no.: 133 041 0001  
side cover, brown  
item no.: 133 045 0001

Table Top Housing PTG 19

... Housing profile

85 TE (opening 432 x 112.8 mm)
includes:
- 1 Housing Profil (drilled)
- 1 Housing Profil (undrilled)
- 2 side plates 3 HE
- 2 side cover
- 4 feed 30 mm
- Domehead screws

side cover, black  
item no.: 133 042 0001  
side cover, brown  
item no.: 133 042 0001

Table Top Housing PTG 10 (3 HE)  
(without illustration)  
50 TE, (opening 254 x 112.8 mm)  
(Delivery quantity like above)

side cover, black  
item no.: 133 041 0001  
side cover, brown  
item no.: 133 045 0001

Housing made of Housing Profile with plastic sideplates

- Shapely aluminum-profile-casing (3HE) to the reception of Euro-cards (100 x 160 mm)
- Aluminium housing with black or brown plastic side covers
- Bottom-profile with ventilation-slits
- Sufficient floor clearance provided by 12mm high feet
- Sure one on the other-putting through the combination of this at this plastic-part angeschraubten feet with the lentil-head-screw at the upper side

Dimensions:
Table Top Housing 19
85 TE
opening 432 x 112.8 mm
- 1 Housing Profil (drilled)
- 1 Housing Profil (undrilled)
- 2 side plates 3 HE
- 2 side cover
- 4 feed 30 mm
- Domehead screws

side cover, black  
item no.: 133 042 0001  
side cover, brown  
item no.: 133 042 0001

Table Top Housing PTG 10 (3 HE)  
(without illustration)  
50 TE, (opening 254 x 112.8 mm)  
(Delivery quantity like above)

side cover, black  
item no.: 133 041 0001  
side cover, brown  
item no.: 133 045 0001

Housing made of Housing Profile with plastic sideplates

- Shapely aluminum-profile-casing (3HE) to the reception of Euro-cards (100 x 160 mm)
- Aluminium housing with black or brown plastic side covers
- Bottom-profile with ventilation-slits
- Sufficient floor clearance provided by 12mm high feet
- Sure one on the other-putting through the combination of this at this plastic-part angeschraubten feet with the lentil-head-screw at the upper side

Dimensions:
Table Top Housing 19
85 TE
opening 432 x 112.8 mm
- 1 Housing Profil (drilled)
- 1 Housing Profil (undrilled)
- 2 side plates 3 HE
- 2 side cover
- 4 feed 30 mm
- Domehead screws

side cover, black  
item no.: 133 042 0001  
side cover, brown  
item no.: 133 042 0001

Table Top Housing PTG 10 (3 HE)  
(without illustration)  
50 TE, (opening 254 x 112.8 mm)  
(Delivery quantity like above)

side cover, black  
item no.: 133 041 0001  
side cover, brown  
item no.: 133 045 0001

Housing made of Housing Profile with plastic sideplates

- Shapely aluminum-profile-casing (3HE) to the reception of Euro-cards (100 x 160 mm)
- Aluminium housing with black or brown plastic side covers
- Bottom-profile with ventilation-slits
- Sufficient floor clearance provided by 12mm high feet
- Sure one on the other-putting through the combination of this at this plastic-part angeschraubten feet with the lentil-head-screw at the upper side

Dimensions:
Table Top Housing 19
85 TE
opening 432 x 112.8 mm
- 1 Housing Profil (drilled)
- 1 Housing Profil (undrilled)
- 2 side plates 3 HE
- 2 side cover
- 4 feed 30 mm
- Domehead screws

side cover, black  
item no.: 133 042 0001  
side cover, brown  
item no.: 133 042 0001

Table Top Housing PTG 10 (3 HE)  
(without illustration)  
50 TE, (opening 254 x 112.8 mm)  
(Delivery quantity like above)

side cover, black  
item no.: 133 041 0001  
side cover, brown  
item no.: 133 045 0001

Housing made of Housing Profile with plastic sideplates

- Shapely aluminum-profile-casing (3HE) to the reception of Euro-cards (100 x 160 mm)
- Aluminium housing with black or brown plastic side covers
- Bottom-profile with ventilation-slits
- Sufficient floor clearance provided by 12mm high feet
- Sure one on the other-putting through the combination of this at this plastic-part angeschraubten feet with the lentil-head-screw at the upper side

Dimensions:
**Endplates**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>For building:</th>
</tr>
</thead>
<tbody>
<tr>
<td>139 043</td>
<td>110</td>
<td>54</td>
<td>103</td>
<td>47</td>
<td>Euro-Cooling Fin housing. 1</td>
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<tr>
<td>139 045</td>
<td>110</td>
<td>79</td>
<td>103</td>
<td>72</td>
<td>Euro-Cooling Fin housing. 2</td>
</tr>
<tr>
<td>139 049</td>
<td>110</td>
<td>104</td>
<td>103</td>
<td>97</td>
<td>Euro-Cooling Fin housing. 3</td>
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<tr>
<td>139 215</td>
<td>113.5</td>
<td>31</td>
<td>106.1</td>
<td>14</td>
<td>Flat Euro housing 1</td>
</tr>
<tr>
<td>139 121</td>
<td>103</td>
<td>42</td>
<td>95</td>
<td>34</td>
<td>Euro housing 1</td>
</tr>
<tr>
<td>139 131</td>
<td>103</td>
<td>56</td>
<td>95</td>
<td>48</td>
<td>Euro housing 2</td>
</tr>
</tbody>
</table>

**Feet**

**Plastic Feet**
Black, self-adhesive, pack of 36
Item no.: 418 028

**Plastic Feet**
Black, self-adhesive, pack of 36
Item no.: 419 001

**Screws**

**Domehead,crosshead screws**
to DIN 7981, tinned
M3x10, for Housing Profile 1
pack of 100
Item no.: 493 030 0106

as above but nickel-plated,
M5 x 12mm, for Housing profiles 1 and 2,
pack of 100
Item no.: 496 050 0126

**Domehead,crosshead screws**
to DIN 7981, tinned
M3x14, for Housing Profile 2
pack of 100
Item no.: 493 030 0046

as above but nickel-plated,
M5 x 15mm, for Housing profiles 2,
pack of 100
Item no.: 493 030 0056

**Domehead crosshead metalsheet tapping screws DIN 7981,**
tinned, 0.29 x 9.5 mm,
for Euro-Cooling Fin and Sideplate profiles, pack of 100
Item no.: 496 029 0096

tapping screws to DIN 7981,
tinned 2.9dia x 9.5mm,
for Euro-Cooling Fin profil pack of 100
Item no.: 496 029 0196

**Aluminum-sheet metal Natureloxiert, with protection-foil**

<table>
<thead>
<tr>
<th>Item no.:</th>
<th>100 x 250 x 2,0 mm</th>
<th>100 x 250 x 1,5 mm</th>
<th>128,5 x 1000 x 2,0 mm, specifically for the special-lengths for the 3HE Front and Backplates</th>
</tr>
</thead>
<tbody>
<tr>
<td>111 100 0250</td>
<td>110 100 0250</td>
<td>111 128 1000</td>
<td></td>
</tr>
<tr>
<td>111 250 0250</td>
<td>110 250 0250</td>
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<td>111 250 0500</td>
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</tr>
<tr>
<td>111 250 0500</td>
<td>110 250 0500</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2.5 mm Sheet metal-strength and special-sheet metal in inquiry!
Enables frameworks, racks and profiles to have channels for slide chassis of required dimensions, nuts and tapped hole strips to be made. Combination with aluminium made of anodised aluminium sheets possible.

### All purpose profil

- **Framework made of all purpose profil, All purpose profil**

### Accessories

- **Slide Nut M3 x 4**
  - For 1,5 mm sheets, DIN 7985, tinned, 100 pack
  - **Item no.**: 493 030 0046

- **Domed-head screw M5 x 20**
  - For 2,5 mm sheets, DIN 7985, tinned, 100 pack
  - **Item no.**: 499 530 0006

- **Slide Nut M3**
  - DIN 562, tinned, 100 pack
  - **Item no.**: 493 030 0056

- **Domed-head screw M5 x 20** with cross slot, nickel-plated, 100 pack
  - **Item no.**: 496 050 0206

### Euro-Modular Housing Profile

- **Application with toroidal core transformer, printed circuit board and front plate**

### Euro-Modular Housing Profile

- **Long, polished 250 mm**
  - **Item no.**: 124 020 0250

- **Long, polished 1000 mm**
  - **Item no.**: 124 020 1000

- **Other lengths until 3000 mm**

### Endplate

- **To fit Euro-Modular Housing Profile**
  - **Item no.**: 139 200

### Dimensions

- **Anodised, closed aluminium profile**
- **Cooling fins on three sides**
- **Easy assembly by simply fixing endplates**
- **Slots for holding Euro-cards**
- **Powder coating, chromium plating on request**

Subject to change without prior notice.
Euro-Cooling Fin Profiles 1

- Specially for euro-cards, as inserts into 19\" (486.2mm) frames
- Profile made of AlMgSi 0.5 aluminium, black
- Dimensions of ribs enable the use of screws with up to 7.5mm dia heads
- Profile with flattened edges, for insertion into guide rails of 19\" frames
- Optimum heat transfer

Euro-Cooling Fin Spacer Profiles 1

- Matches Euro-Cooling Rib Profile 1
- Two channels for front-or side insertion of 2.9 or 2.2mm dia screws
- Appropriate shaping enables choice of distance between circuit board and cooling rib profile
- Fixing components to the profile ensures good heat transfer
- Profile made from AlMgSi0.5 aluminium, black.

Euro-Cooling Fin Profiles 1
Black anodised, 160 mm long
item no.: 120 012 0160
Black anodised, 1000 mm long
item no.: 120 012 1000
Black anodised, 3000 mm long
item no.: 120 012 3000
For special-lengths please item no.: 120 012 9999 + wished length boasts!!

Euro-Cooling Fin Spacer Profiles
Black anodised, 1000 mm long
item no.: 121 012 1000
For special-lengths please item no.: 121 012 9999 + wished length boasts!!
Euro-Cooling Fin Profiles 2
Nat'L. anodised, 165 mm long
item no.: 120 020 0165
Nat'L. Anodised, 1000 mm long
item no.: 120 020 1000
Nat'L. Anodised, 3000 mm long
item no.: 120 020 3000
Black anodised, 165 mm long
item no.: 120 022 0165
Black anodised, 1000 mm long
item no.: 120 022 1000
Black anodised, 3000 mm long
item no.: 120 022 3000

Euro-Cooling Fin Profiles 3
Nat'L. Anodised, 165 mm long
item no.: 120 030 0165
Nat'L. Anodised, Länge 1000 mm
item no.: 120 030 1000
Nat'L. Anodised, 3000 mm long
item no.: 120 030 3000
Black anodised, 165 mm long
item no.: 120 032 0165
Black anodised, 1000 mm long
item no.: 120 032 1000
Black anodised, 3000 mm long
item no.: 120 032 3000

Specially for mounting Euro-cards
Optimum heat dissipation
Profiles made from AlMgSi 0.5, natural anodised or black anodised

The design of the cooling fins permits the use of screws with up to 7.5mm dia. heads
By using different combinations of the profiles, 3 housing heights can be built

For special-lengths please item no.: 120 0xx 9999 + wished length boasts!!
Side Profiles 3

- Enables housings of required length and uniformly width to be made quickly, using appropriately cut aluminium sheets as sides.

Example: Simple Alu casing from side-profiles 3

**Assembly**

Simple assembly of these housings:
Fix front- and backplates with screws and Slide Nuts M3, then fit aluminium side sheets front sided with screws Ø 4,2 x 16 mm.

**Dimensions**

- Side Profiles 3
  - 1000 mm long
    - Item no.: 122 030 1000
  - 3000 mm long
    - Item no.: 122 030 3000

For special lengths please:
- Item no.: 122 030 9999
- + wished length boasts!!

- Made of anodised aluminium
- Has slots for accommodating circuit boards

**Accessories for Side-profile 3:**

**Fixing screws**

- Domed-head screw M3x4 for 1,5 mm sheets, DIN 7985, tinned, 100 pack
  - Item no.: 493 030 0046
- Domed-head screw M3x5 for 2,5 mm sheets, DIN 7985, tinned, 100 pack
  - Item no.: 493 030 0056

**Slide Nut M3**

- DIN 562, tinned, Ø 2,9 dia x 9,5 mm, 100 pack
  - Item no.: 499 530 0006
- To DIN 7981, tinned, Ø 2,9 dia x 9,5 mm, 100 pack
  - Item no.: 496 042 0160

Subject to change without prior notice
Side Profiles 1 und 2

Quick assembly of aluminium frames and housings, with length and with chosen at will
Made of anodised aluminium

For special-lengths please item no.: 124 010 9999
+ wished length boasts!!

Remember to check the Side Profiles 1 and 2 sections for more details.

### Dimensions

- **Side Profile 1**
  - 165 mm long
  - Item no.: 122 010 0165
- **Side Profile 2**
  - 165 mm long
  - Item no.: 122 020 0165

### Accessory Options

**Euro-Housing EG 1 and EG 2**

- **Aluminium end plate**
  - Anodised suitable for Side Profile 1
  - Item no.: 139 121
  - Anodised suitable for Side Profile 2
  - Item no.: 139 131

**Top- and Bottom cover sheets**

- 165 x 89 x 1.5 mm
- Item no.: 139 134

**Fixing Set**

- 8 screws dia Ø 2.9 x 9.5 mm
- 4 plastic feet Ø 8 mm dia
- Self-adhesive
- Item no.: 139 140

**Special-lengths on inquiry!!**
Housing Profil 4

- Specially for building housings of various lengths for mounting keyboards and SMD-type circuit boards
- Profiles made of anodised aluminium

**Dimensions**

- **165 mm long**
  - item no.: 124 011 0165
- **1000 mm long**
  - item no.: 124 011 1000
- **3000 mm long**
  - item no.: 124 011 3000

- Profile has two channels for 2.9dia screws; also slots for accepting various 100mm-wide inserts
- The profile is covered by frame fairings and endplates with metal screws

**Fiat Euro-Housing EFG 4**

- Universally applicable for mini control systems, modem, receipt modules... with high mechanical protection
- Type of protection IP 52

**Accessories:**

- **Endplate:**
  - Natural aluminium, endplate to fit Housing Profil 4
  - item no.: 139 215 0000

- **Assembly-Set:**
  - 4 metal screws Ø 2,9 x 9,5 mm, 2 frame fairings
  - item no.: 139 140 0000

**Assembly**

Simple assembly of these housings:
Set the endframes on the housing profile and fit endplates front and back, using 2 screws each

Subject to change without prior notice
Housing Profil 3

165 mm long
item no.: 124 010 0165

1000 mm long
item no.: 124 010 1000

3000 mm long
item no.: 124 010 3000

- Profile has two channels for 2.9dia screws; also slots to accept various 100mm-wide inserts
- The profile is covered by frame fairings and endplates with metal screws

Fiat Euro-Housing EFG 1 and EFG 1s

Diy set consisting of:
Euro-Housing profil 3,
2 endplates,
2 endframes,
screws and plastic feet

Fiat Euro-Housing EFG 1
anodised aluminium
item no.: 132 010

Fiat Euro-Housing EFG 1s
black-coated, aluminium
item no.: 132 011

Wall-mounting for
Fiat Euro-Housing
black-coated, aluminium
item no.: 132 010 1000

Accessories:
Endplate

natural aluminium, endplate to fit Housing Profil 3
item no.: 139 215

Assembly-Set
8 metal screws Ø 2.9 x 9.5 mm,
4 plastic feet Ø 8mm dia,
self-adhesive
item no.: 139 140

Fiat Euro-Housing EFG 1 and EFG 1s

Wall-mounting for
Fiat Euro-Housing
EFG 1 and EFG 1s

Assembly
Simple assembly of these housings:
Place the two profiles together and fit endplates front and back, using 4 screws each.
Housing Profiles - Housings

Housing Profil 2

- Enables housings of required dimensions to be made quickly, using appropriately cut aluminium sheets as sides
- Made of anodised aluminium
- Has slots for accommodating circuit boards
- Profiles 1 and 2 can be used together

Example of a simple aluminium housing made of Housing Profiles 2

Assembly
Simple housing assembly:
Insert 1.5mm alu. top- and bottom sheets into the profile slots; fix front- and back plates, each with 4 - M5 x 20 screws, which will selftap into the profile grooves; then fit side sheets to the profile faces by means of slide nuts and M3 screws

Clamp Fixing Set

- Slot-in and screw fastening for sheets

Domed-head screw M3x4
for Alu 1,5 mm, DIN 7985, tinned, 100 pack
item no.: 493 030 0046

Domed-head screw M3x5
for Alu 2,5 mm, DIN 7985, tinned, 100 pack
item no.: 493 030 0056

Slide Nut M3
DIN 562, tinned, 100 pack
item no.: 499 530 0006

Domed-head screw M5x20
tinned, 100 pack
item no.: 496 050 0206

Housing Profil 2

Corresponding Alu-Bleche sees side 25!
Fixing Rails
...for Fixing connector strips

Plastic guide rails
for Euro-cards, with leading locator and stop clip to facilitate assembly
item no.: 138 022

Guide Rails
...for holding Euro-cards

Item no.: 138 044

Item no.: 138 045

Dimensions