



CE LEISTUNGSERKLÄRUNG  
nach Bauprodukteverordnung EU 305/2011  
EN 1090-1+A1:2011  
9035-CPB-1090.100328.TÜVrh.2014.002/0035-CPB-10.90.100329.TÜVrh.2014.002

VHF-Unterkonstruktion nach DIN 18516-1 bestehend aus:

| Systemteile                        | Bezeichnung / Varianten                                                                                                                                               | Werkstoff                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Wandwinkel (WaWi)<br>straggepresst | H = 80 / 150 / 250 / 300 mm<br>L = 40 - 320 mm                                                                                                                        | EN-AW 6063 T66                                              |
| Wandwinkel (WaWi)<br>gekantet      | H = 80 / 150 / 250 / 300 mm<br>L = 40 - 420 mm                                                                                                                        | EN-AW 5754 H24/ H34                                         |
| Tragprofile walzblank              | T-Profile<br>40/52/2 - 60/52/2 - 70/52/2 - 80/52/2<br>100/52/2 - 110/52/2 - 120/52/2<br>150/52 - 160/52/2 - 120 OF<br>Tulpenprofil 40/28/66/28/40<br>L-Profil 42/50/2 | EN-AW 6063 T66                                              |
| Tragprofile<br>schwarz eloxiert    | T-Profile<br>40/52/2 - 60/52/2 - 100/52/2<br>110/52/2 - 120/52/2<br>L-Profil 42/50/2                                                                                  | EN-AW 6063 T66<br>Eloxal C35                                |
| Verbindungsmittel                  | z.B. BWM-Spezialniet SNA 5x12 K14 A/N<br><br>z.B. Bohrschraube JT4-3H/5-5,5x 19<br>oder gleichwertig                                                                  | Hülse: EN-AW 5754<br>Dorn: Edelstahl 1.4541<br>Edelstahl A2 |
| Verankerungsmittel                 | z.B. BWM-Systemdübel<br>SXS / SXR / SXRL / FUR /<br>Injektionssystem, Bolzenanker<br>Holzschraube, Bohrschrauben                                                      |                                                             |
| Thermostop                         | B = 40, H = 80 - 300 mm, d = 6 mm                                                                                                                                     | Hart-PVC                                                    |

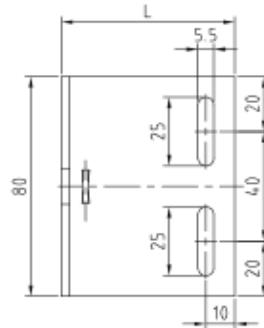
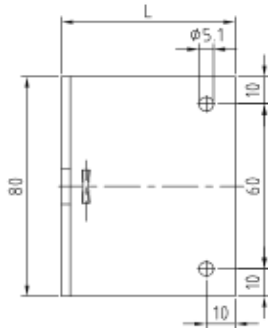
Technische Änderungen vorbehalten (Stand 06/2015)



Wandwinkel aus EN-AW 6063 T66

Zugfestigkeit:  $f_u = 245 \text{ N/mm}^2$

0,2%-Dehngrenze:  $f_0 = 200 \text{ N/mm}^2$



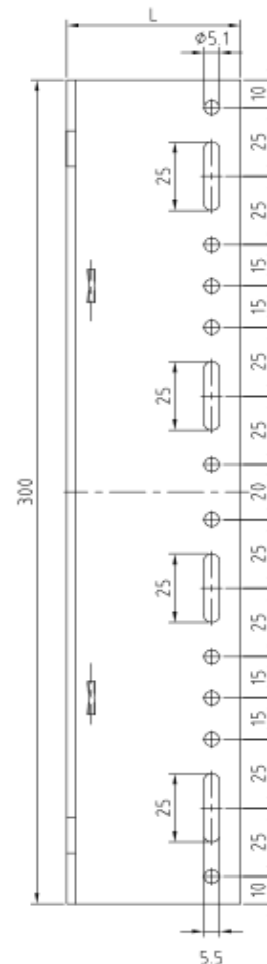
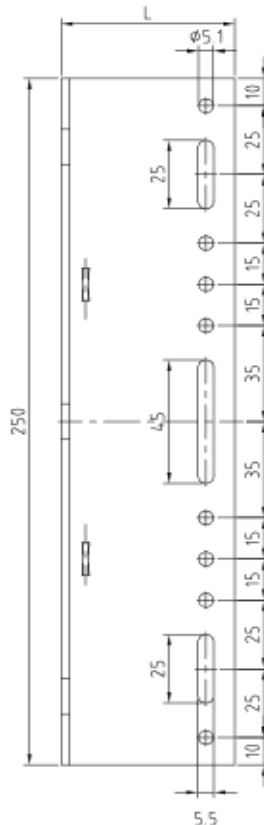
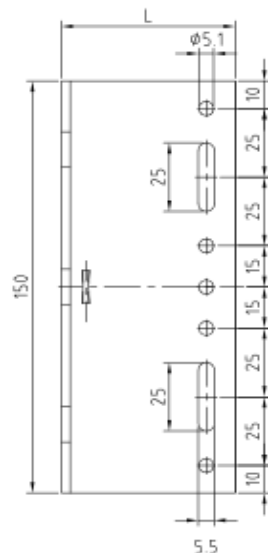
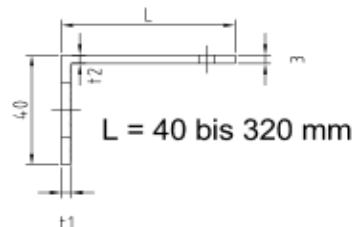
$L = 40 - 200 \text{ mm}; t_1 = 3,3 \text{ mm}, t_2 = 3,0 \text{ mm}$

L = 220 mm: t1 = 3,5 mm, t2 = 3,5 mm

L = 240 - 280 mm: t1 = 4,0 mm, t2 = 4,0 mm

L = 300 mm: t1 = 4,0 mm, t2 = 4,1 mm

L = 320 mm: t1 = 4,0 mm, t2 = 4,3 mm

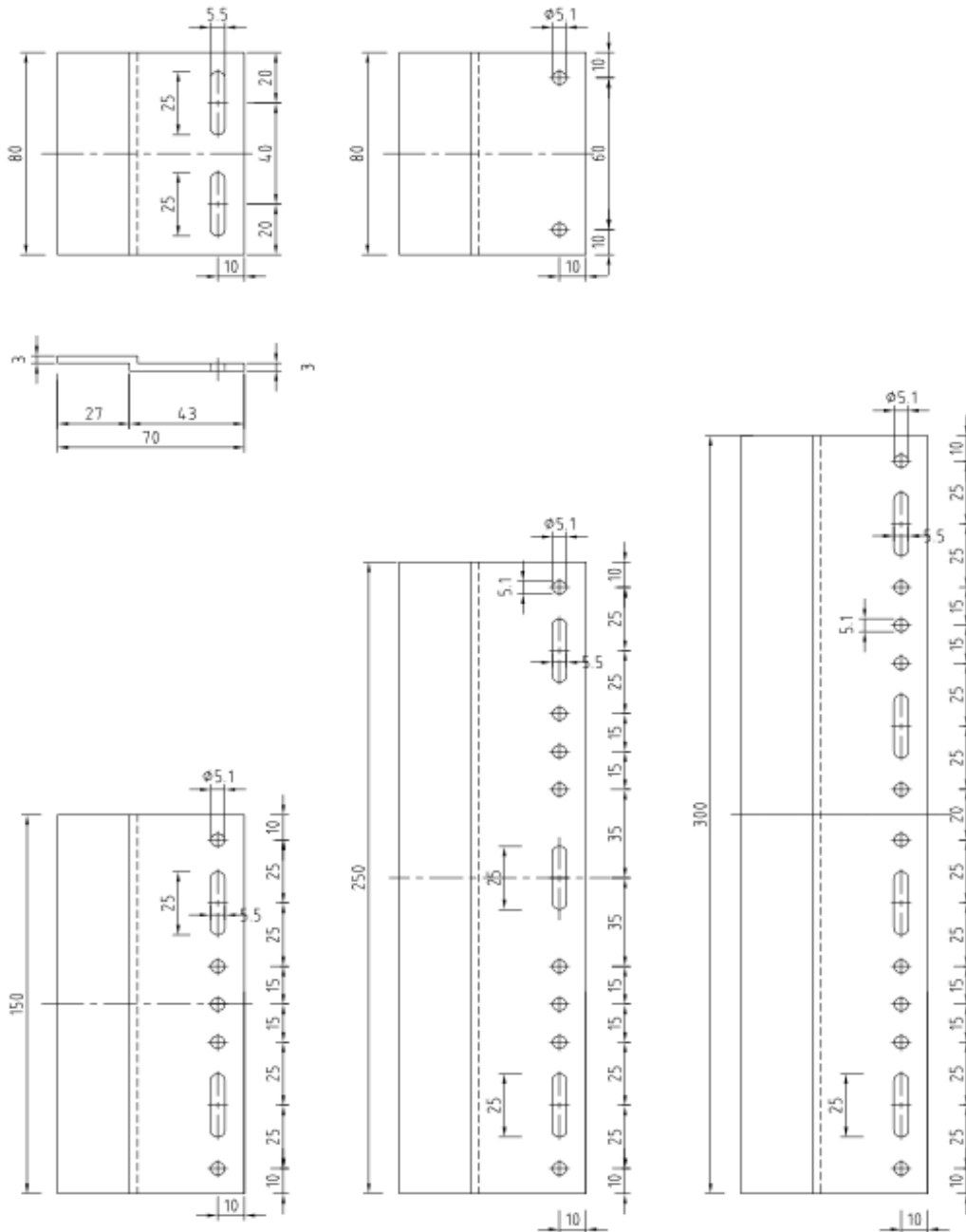




Wandwinkelverlängerungen aus EN-AW 6063 T66

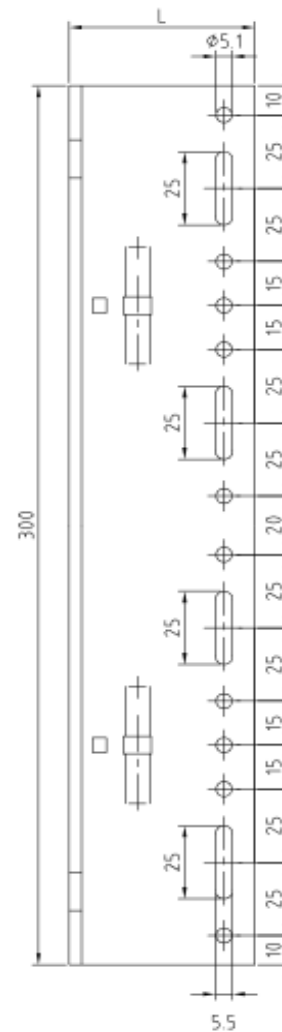
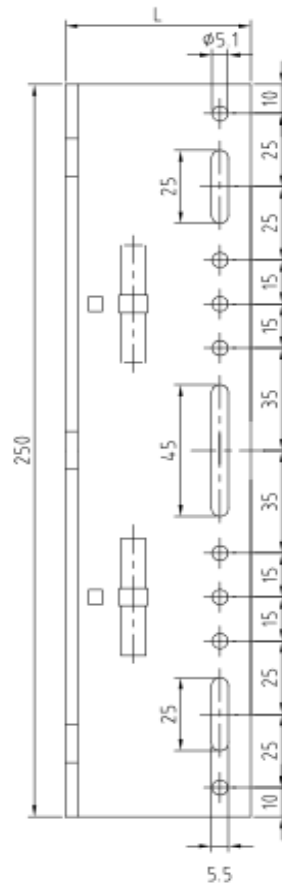
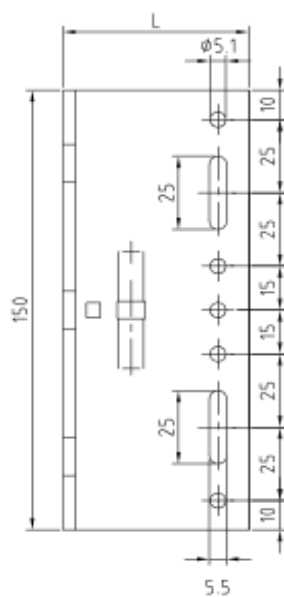
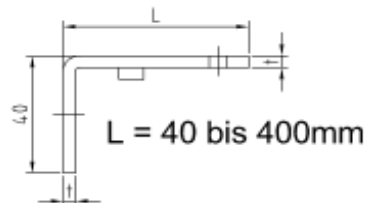
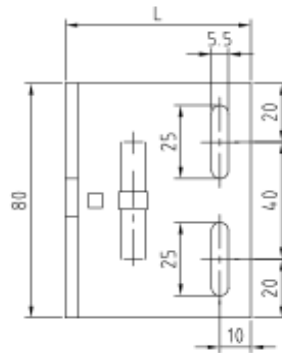
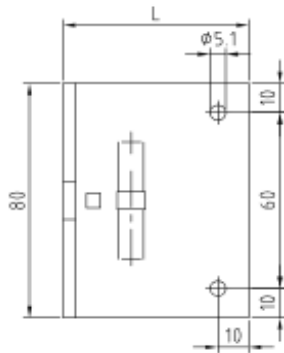
Zugfestigkeit:  $f_u = 245 \text{ N/mm}^2$

0,2%-Dehngrenze:  $f_o = 200 \text{ N/mm}^2$




Wandwinkel aus EN-AW 5754 H24/H34,  $t = 3 \text{ mm} - 6 \text{ mm}$ 

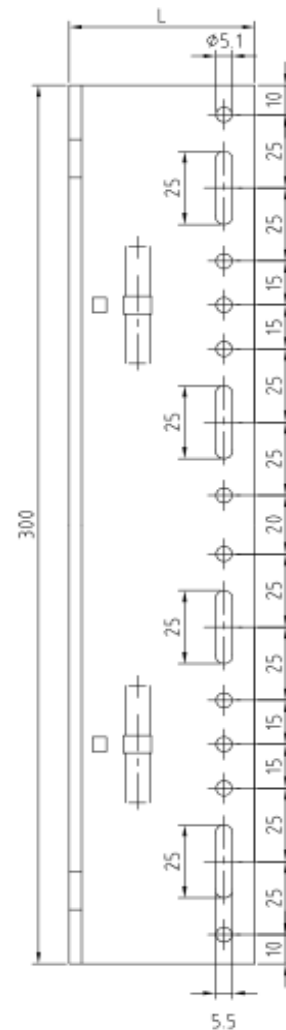
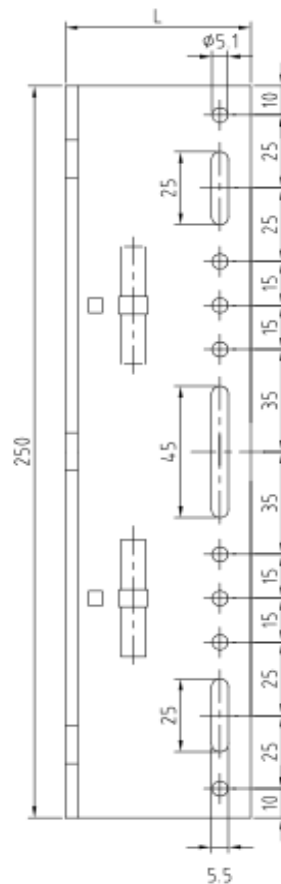
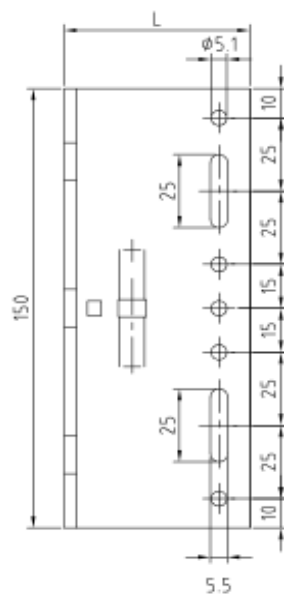
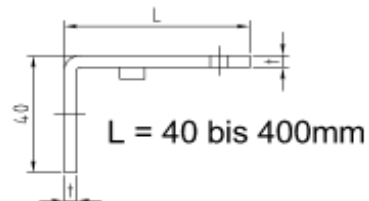
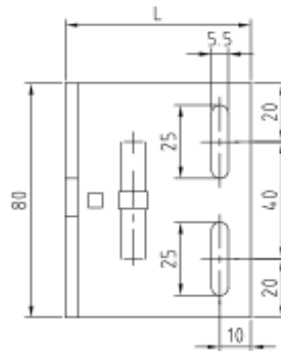
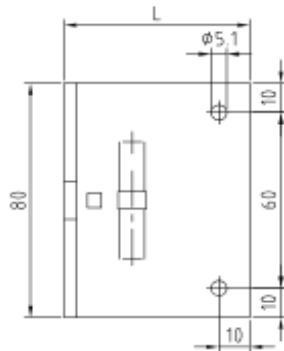
Zugfestigkeit:  $f_U = 240 \text{ N/mm}^2$ 

0,2%-Dehngrenze:  $f_O = 160 \text{ N/mm}^2$ 


Wandwinkel aus Edelstahl, t = 2,5 mm - 4 mm

Zugfestigkeit:  $f_u = \text{xxxxy N/mm}^2$

0,2%-Dehngrenze:  $f_0 = \text{xxxx N/mm}^2$



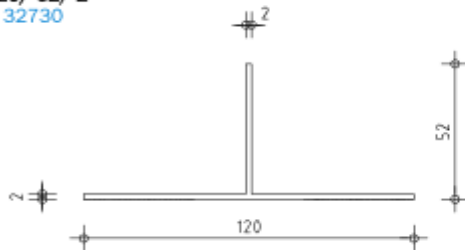


Profile aus EN-AW 6063 T66

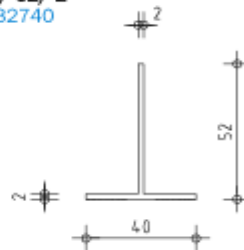
Zugfestigkeit:  $f_U = 245 \text{ N/mm}^2$

0,2%-Dehngrenze:  $f_0 = 200 \text{ N/mm}^2$

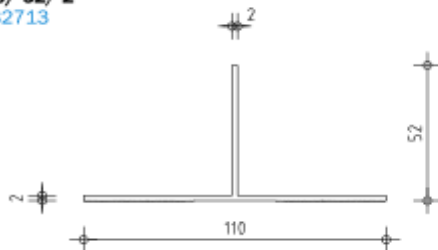
**T 120/ 52/ 2**  
Art. 32730



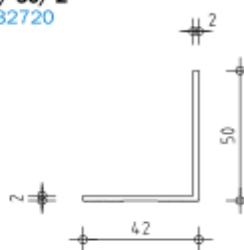
**T 40/ 52/ 2**  
Art. 32740



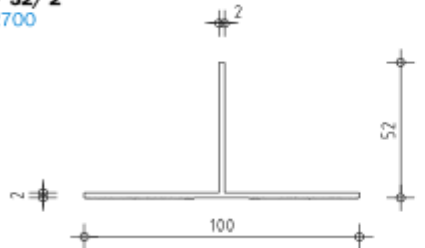
**T 110/ 52/ 2**  
Art. 32713



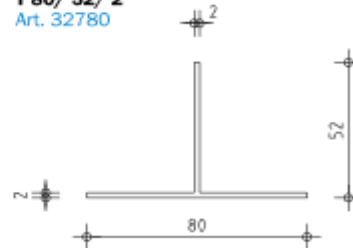
**L 42/ 50/ 2**  
Art. 32720



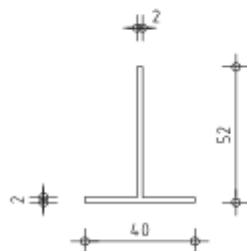
**T 100/ 52/ 2**  
Art. 32700



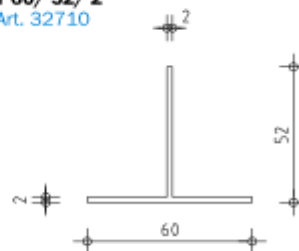
**T 80/ 52/ 2**  
Art. 32780



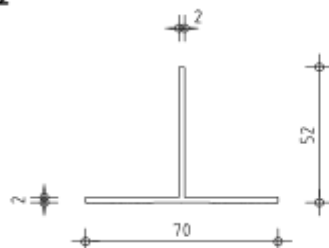
**T 40/ 52/ 2**  
Art. 32742



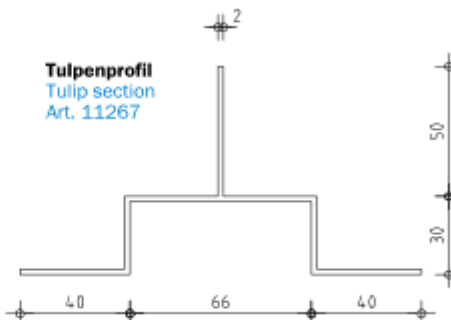
**T 60/ 52/ 2**  
Art. 32710



**T 70/ 52/ 2**  
Art. 32770



**Tulpenprofil**  
Tulip section  
Art. 11267





Profile aus EN-AW 6063 T66

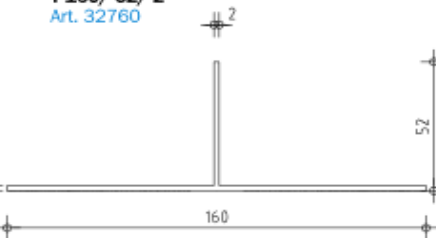
Zugfestigkeit:  $f_u = 245 \text{ N/mm}^2$

0,2%-Dehngrenze:  $f_o = 200 \text{ N/mm}^2$

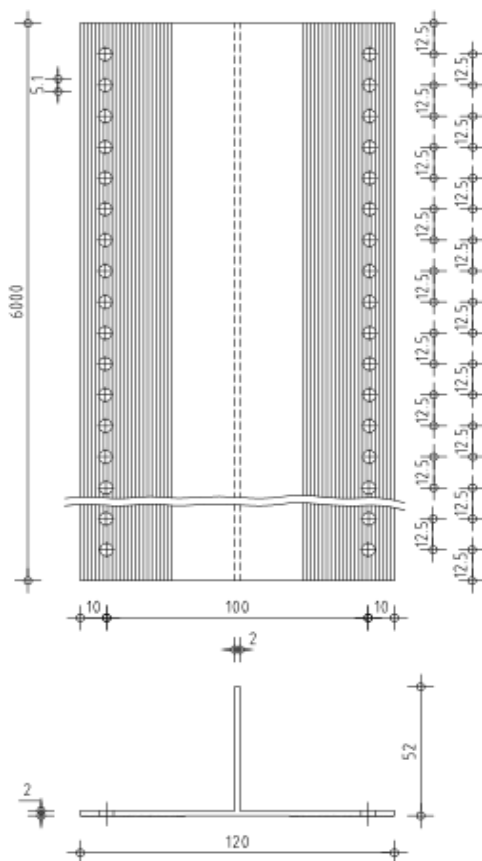
**T 150/ 52/ 2\***  
Art. 32750



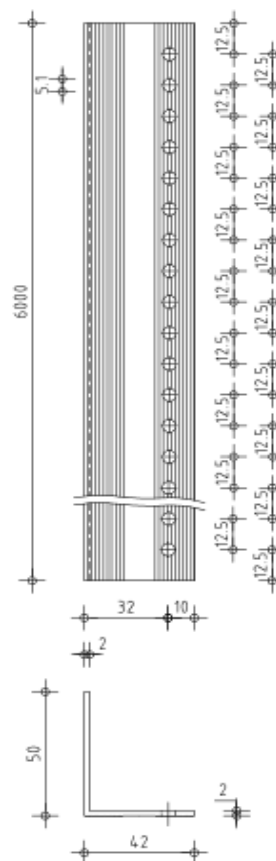
**T 160/ 52/ 2**  
Art. 32760



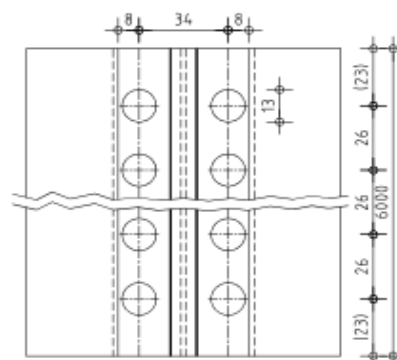
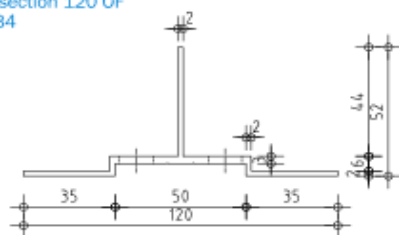
**T 120/ 52/ 2**  
Art. 32732



**L 42/ 50/ 2**  
Art. 32733



**Tragprofil T-Profil 120 OF**  
Support T-section 120 OF  
Art. G32734

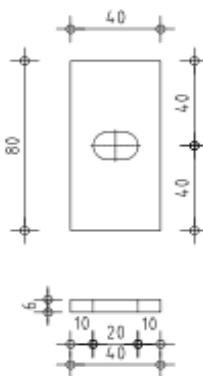




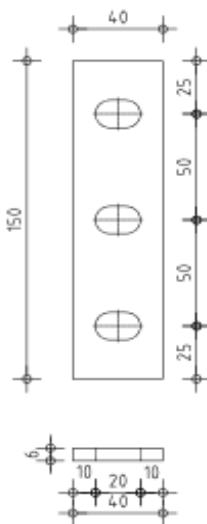
Material: PVC hart, mit geschlossenzelligem Schaum in  
Brandklasse B1 nach DIN 4102

|                                  |                           |                            |
|----------------------------------|---------------------------|----------------------------|
| Rohdichte:                       | > 0,70 g/cm <sup>3</sup>  | nach DIN 53479             |
| Wärmeleitfähigkeit:              | < 0,08 W/m*K              | nach DIN 52616             |
| E-Modul:                         | > 1.100 N/mm <sup>2</sup> | nach DIN 53457 (Anlehnung) |
| Druckfestigkeit                  |                           |                            |
| Hook'scher Bereich:              | > 12 N/mm <sup>2</sup>    | nach DIN 53421 (Anlehnung) |
| Druckspannung bei                |                           |                            |
| 30% Stauchung:                   | > 18 N/mm <sup>2</sup>    | nach DIN 53421 (Anlehnung) |
| Schlagzähigkeit:                 | > 15 kJ/m <sup>2</sup>    | nach DIN 53453 (Anlehnung) |
| Linearer Ausdehnungskoeffizient: | 0,08 mm/m°C               | nach DIN 53752             |
| Shore Härte:                     | 55                        | nach DIN 53505             |
| Vicat Erweichungstemperatur VST  |                           |                            |
| Vicat A:                         | > 75 °C                   | nach DIN 53460             |
| Wasseraufnahme nach 7 Tagen      | < 0,30%                   | nach DIN 53495             |
| Brandklassen:                    | B1                        | nach DIN 4102              |
|                                  | V.3                       | nach VKF (CH)              |

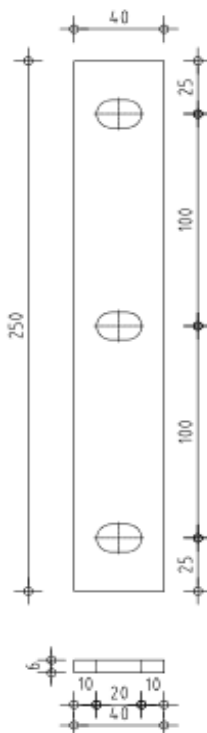
**Thermostop H = 80 mm**  
Art. 40080



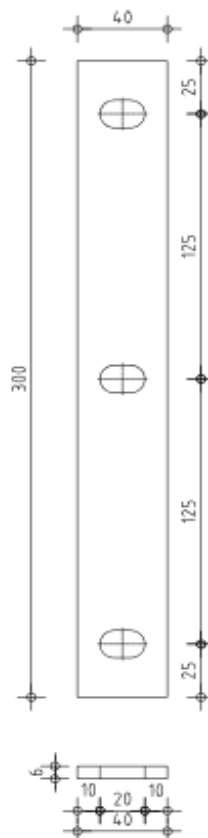
**Thermostop H = 150 mm**  
Art. 40150



**Thermostop H = 250 mm**  
Art. 40250



**Thermostop H = 300 mm**  
Art. 40300

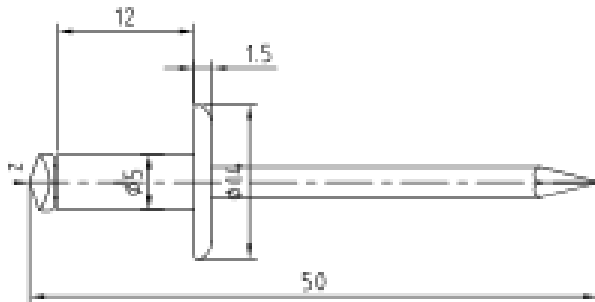




Hülse: EN-AW 5754

Dorn: Edelstahl 1.4541

Allgemeines bauaufsichtliches Prüfzeugnis P - OGI - II - 2.17.1



Klemmdicke  $\leq 8$  mm

Zwängungsfreie Montage mittels Nietsetzlehre

