

# Product specification

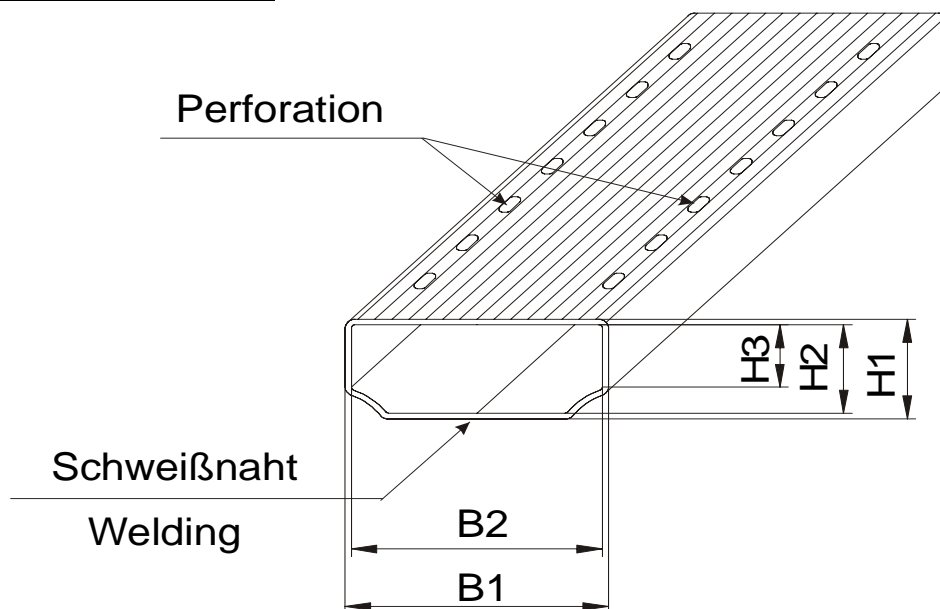
Aluminium spacer  
Bendtech AP

**ROLLTECH**

ROLLTECH A/S - an Alu-Pro Group Company

## 1. Dimensions and tolerances

### 1.1 Cross section



Spacer	Cavity [mm]	H1 ±0,1 [mm]	H2 [mm]	H3 ±0,2 [mm]	B1 ±0,2 [mm]	B2 [mm]	Wall thickness +0,02 [mm]
Bendtech 6	6	6,5	5,8	5	5,7	5	0,36
Bendtech 7	7	6,5	5,8	5	6,5	5,8	0,36
Bendtech 8	8	6,5	5,8	5	7,7	7	0,36
Bendtech 9	9	6,5	5,8	5	8,5	7,8	0,36
Bendtech 10	10	6,5	5,8	5	9,5	8,8	0,36
Bendtech 11	11	6,5	5,8	5	10,5	9,8	0,36
Bendtech 12	12	6,5	5,8	5	11,5	10,8	0,36
Bendtech 13	13	6,5	5,8	5	12,5	11,8	0,36
Bendtech 14	14	6,5	5,8	5	13,5	12,8	0,36
Bendtech 15	15	6,5	5,8	5	14,5	13,8	0,36
Bendtech 16	16	6,5	5,8	5	15,5	14,8	0,36
Bendtech 18	18	6,5	5,8	5	17,5	16,8	0,36
Bendtech 20	20	6,5	5,7	5	19,5	18,7	0,39
Bendtech 22	22	6,5	5,7	5	19,5	20,6	0,45
Bendtech 24	24	6,5	5,6	5	23,5	22,6	0,45

### 1.2 Manufacturing process/Perforation:

Established	Langner	PP					
Version	1	2					
Date	22.5.00	25.01.02					
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## Product specification

Aluminium spacer  
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1.2.1 Manufacturing process: Rollforming and HF-welding

1.2.2 Perforation:

The perforation allows the filling of the frame with desiccant by compressed air. The maximum width is 0,2 mm.

1.2.3 Interval between perforations: 4 mm  $\pm$  0.5 mm

## 2. Material

### 2.1 Aluminium-Alloy:

Alloy AIMn 1  
Alloy-No.: 3103 (Int. Reg. Record)

### 2.2 Strength

Temper: H26 according DIN EN 573-3  
Tensile Strength:  $R_m = 180$  to  $200$  N/mm<sup>2</sup>  
Elastic Limit:  $R_{p 0,2} = 170$  to  $190$  N/mm<sup>2</sup>

## 3. Surface

Degreased.

## 4. Workability on Automatic Bending Machines

The spacers are suitable for automatic bending machines like Bayer TE, Lisec, Rjukan and Lenhardt. To manufacture frames by using corner keys is also possible.

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