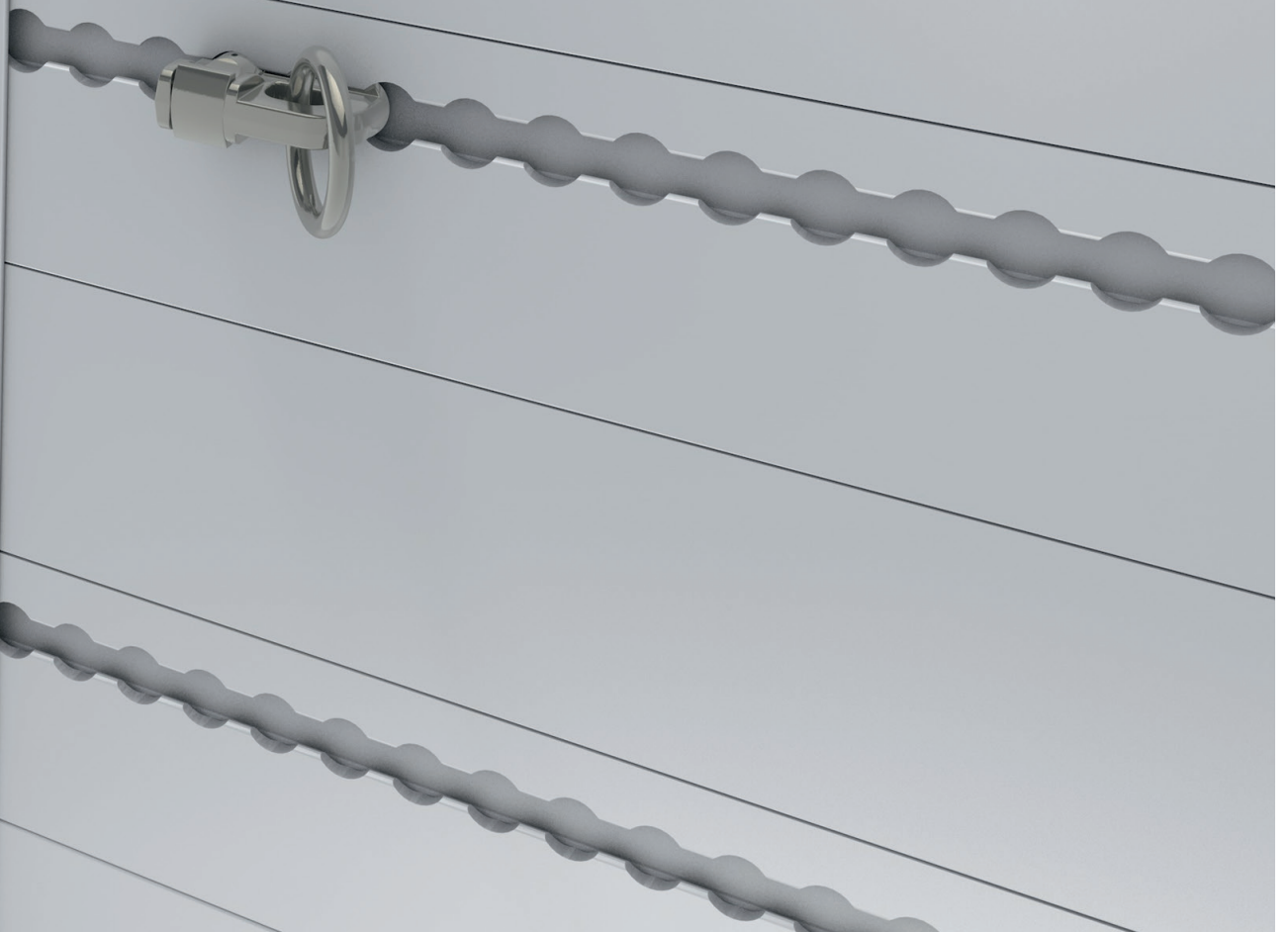


Transport technology / Platform superstructures

# Aluminium Dropsides

Dropside profiles system and battens



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228 120 757	22.02.01.10	228 394 600	22.02.01.7	228 420 600	22.02.01.7	228 700 750	22.02.02.1
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228 181 999	22.02.01.10	228 401 609	22.02.02.17	228 426 600	22.02.02.17	228 740 750	22.02.02.1
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228 259 750	22.02.01.5	228 407 730	22.05.01.1	228 482 600	22.02.01.8	228 746 757	22.02.02.17
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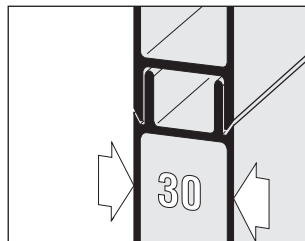
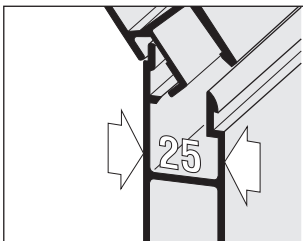
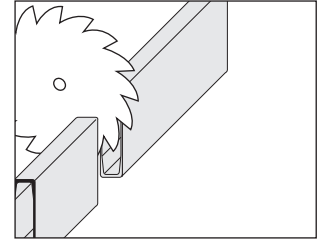
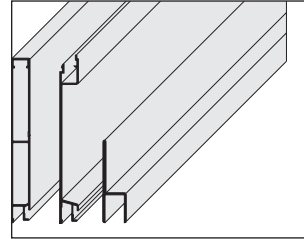
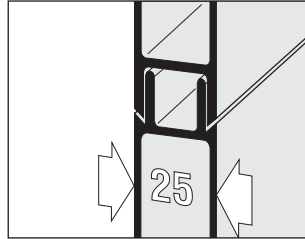
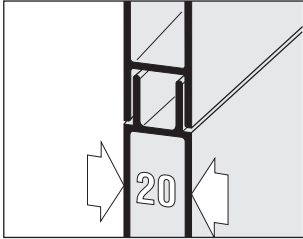
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228 809 730	22.04.01.5		
228 810 730	22.04.01.2		
228 811 730	22.04.01.5		
228 812 730	22.04.01.2		
228 813 730	22.04.01.5		
228 815 730	22.04.01.3		
228 816 730	22.04.01.5		
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228 820 620	22.04.01.4		
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228 821 620	22.04.01.5		
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228 823 730	22.04.01.5		
230 482 600	22.02.01.9		
230 482 600	22.02.02.16		

# Aluminium Dropsides fully assembled

We manufacture complete and ready-to-install aluminium dropsides to your specification from any of the following dropside profile systems.

We also supply our dropside profiles in stock and specified lengths.



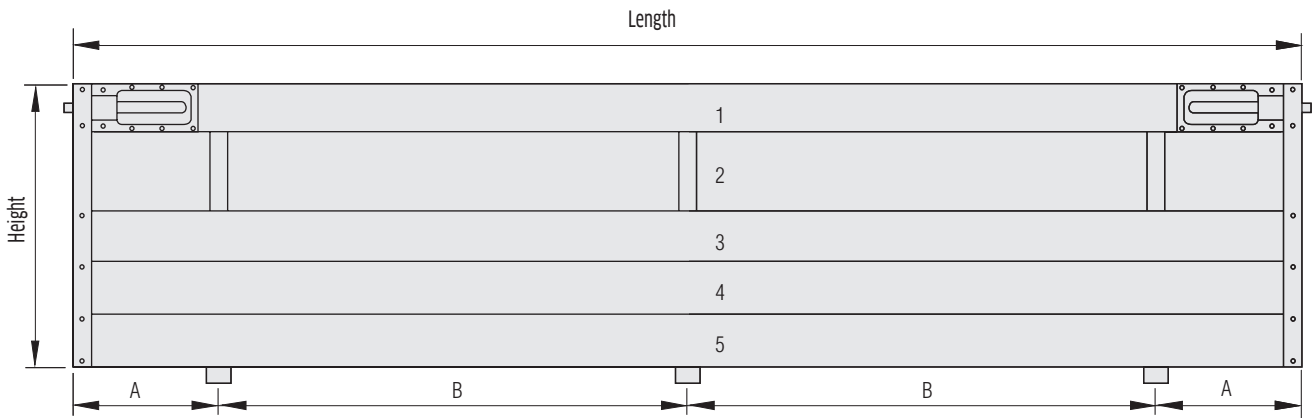
Stock lengths

Specified lengths cut to size

## Locks and Hinges

Choose from our catalogue group 23, Body Fittings.

## Specifications for Dropside Manufacture



**Dropside profile system:**

**Dimensions in mm:** Length  
Height (depends on profile sequence)

**Profile sequence:** Article No. (from top to bottom  
Edging: Article No.

**Profiled joint:** Article No..

**Hinges:** Article No.  
Quantity  
Distance from outer edge of dropside to the middle of hinge = measurement A and distance from individual hinge = measurement B

**Tilt Profile:** Article No. (for tilt eyes, does not apply to models without tie rods)

**Locks:** Article No.  
Quantity  
Distance from upper edge

**Anodized / Undercoated:** on request

**Special features:** on request

All technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

# Aluminium Dropsides Assembly sheet for tailboards

<b>Company</b>	Name:		
	Dept:		
	Road:		
	Town:		Post code:
	PO box:		Post code:
	Telephone: (       )		Fax: (       )
	Contact:	<input type="checkbox"/> Mr.	<input type="checkbox"/> Mrs.
	<input type="checkbox"/> Inquiry	<input type="checkbox"/> Purchase order	Town, Date:
	No.:	Commission:	

<b>System</b>	with tie rod	<input type="checkbox"/> 20	<input type="checkbox"/> 25	<input type="checkbox"/> 30
	without tie rod	<input type="checkbox"/> 25	<input type="checkbox"/> 25 single-piece	

<b>surface</b>	<input type="checkbox"/> bright	<input type="checkbox"/> anodised	<input type="checkbox"/> primed
----------------	---------------------------------	-----------------------------------	---------------------------------

<b>Number</b>	__ units, sideboards A:	Length x Height:
	__ units, sideboards B:	Length x Height:
	__ units, rear panel single-piece / door:	Length x Height:
	__ units, front panel loose / mounted:	Length x Height:

For construction description, see overleaf

**Special wishes**

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<input type="checkbox"/> Quotation please by (DD/MM/YYYY):	<input type="checkbox"/> Delivery in calendar week:	Dispatch:
<input type="checkbox"/> Please send further information material		
<input type="checkbox"/> Agree date for visit by your Field Service staff		

Stamp/signature

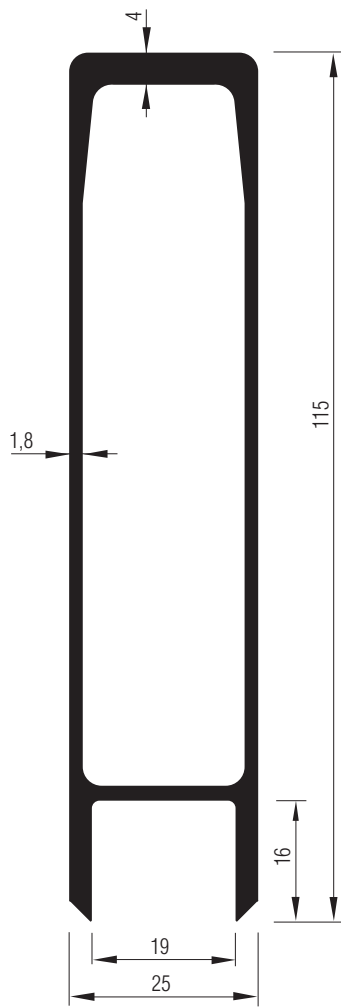
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# Assembly sheet for tailboards

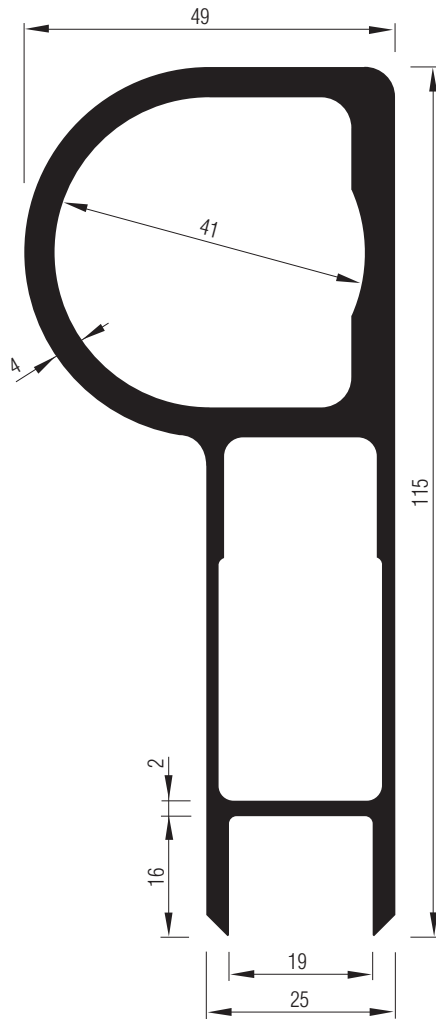
## Construction

Side panel A		Side panel B	
Profile sequence from top to bottom	Part No.	Profile sequence from top to bottom	Part No.
__ profile units		__ profile units	
__ profile units		__ profile units	
__ profile units		__ profile units	
__ profile units		__ profile units	
__ profile units, rain lug, none, inside, outside		__ profile units, rain lug, none, inside, outside	
framing profile, left, lug: none, inside, outside		framing profile, left, lug: none, inside, outside	
framing profile, right, lug: none, inside, outside		framing profile, right, lug: none, inside, outside	
locking into __th profile, from top left		locking into __th profile, from top left	
locking into __th profile, from top right		locking into __th profile, from top right	
counter-piece left		counter-piece left	
counter-piece right		counter-piece right	
Kinnegrip K 20 front/middle/rear		Kinnegrip K 20 front/middle/rear	
__ hinge units		__ hinge units	
__ hinge units (brackets)		__ hinge units (brackets)	
seal		seal	
Rear wall		Bulkhead	
Profile sequence from top to bottom	Part No.	Profile sequence from top to bottom	Part No.
__ profile units		__ profile units	
__ profile units		__ profile units	
__ profile units		__ profile units	
__ profile units		__ profile units	
__ profile units, rain lug, none, inside, outside		__ profile units, rain lug, none, inside, outside	
framing profile, left, lug: none, inside, outside		framing profile, left, lug: none, inside, outside	
framing profile, right, lug: none, inside, outside		framing profile, right, lug: none, inside, outside	
locking into __th profile, from top left		__ hinge units	
locking into __th profile, from top right		__ hinge units (brackets)	
counter-piece left			
counter-piece right			
Kinnegrip K 20 front/middle/rear			
__ hinge units			
__ hinge units (brackets)			
seal			

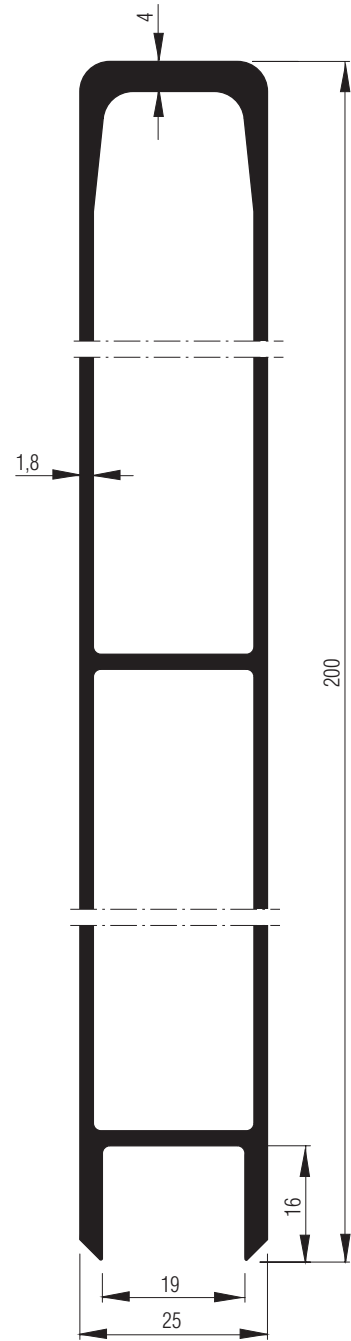
## Dropside Profiles System 25 with tie rods



Article No. 228 120 750  
Length: 7500 mm



Article No. 228 142 750  
Length: 7500 mm



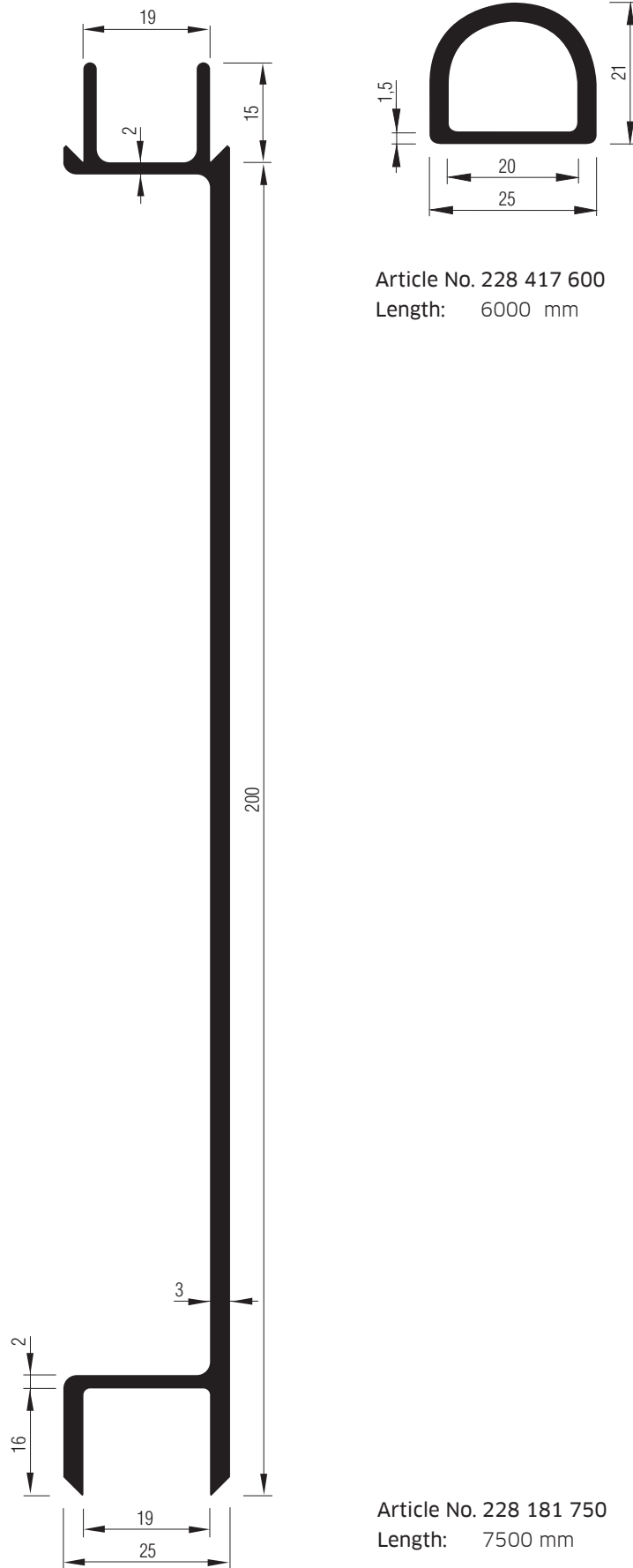
Article No. 228 125 750  
Length: 7500 mm

Dropside profiles also available anodized and undercoated (see page 22.02.01.10)

Scale of drawings: 1 : 1



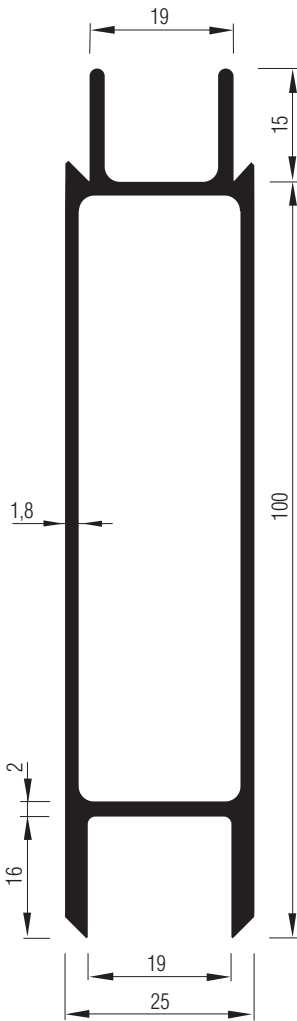
## Dropside Profiles System 25 with tie rods



Dropside profiles also available  
anodized and undercoated  
(see page 22.02.01.10)

Scale of drawings: 1 : 1

## Dropside Profiles System 25 with tie rods



Article No. 228 190 620

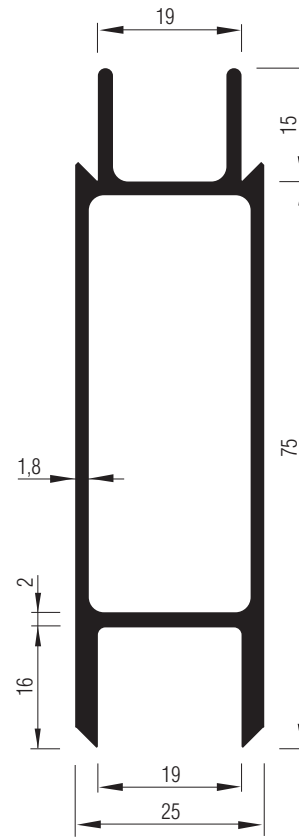
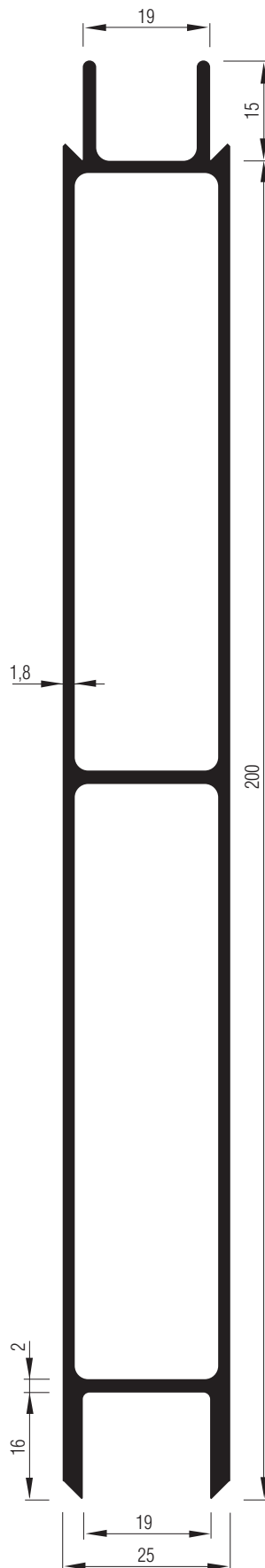
Length: 6200 mm

Article No. 228 190 750

Length: 7500 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.01.10)

Scale of drawings: 1 : 1



Article No. 228 210 750

Length: 7500 mm

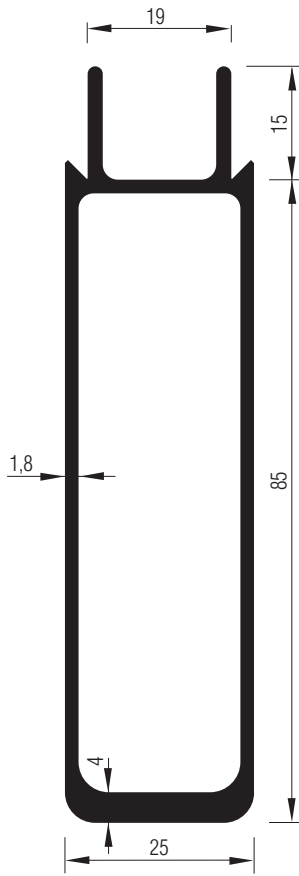
Article No. 228 195 620

Length: 6200 mm

Article No. 228 195 750

Length: 7500 mm

## Dropside Profiles System 25 with tie rods



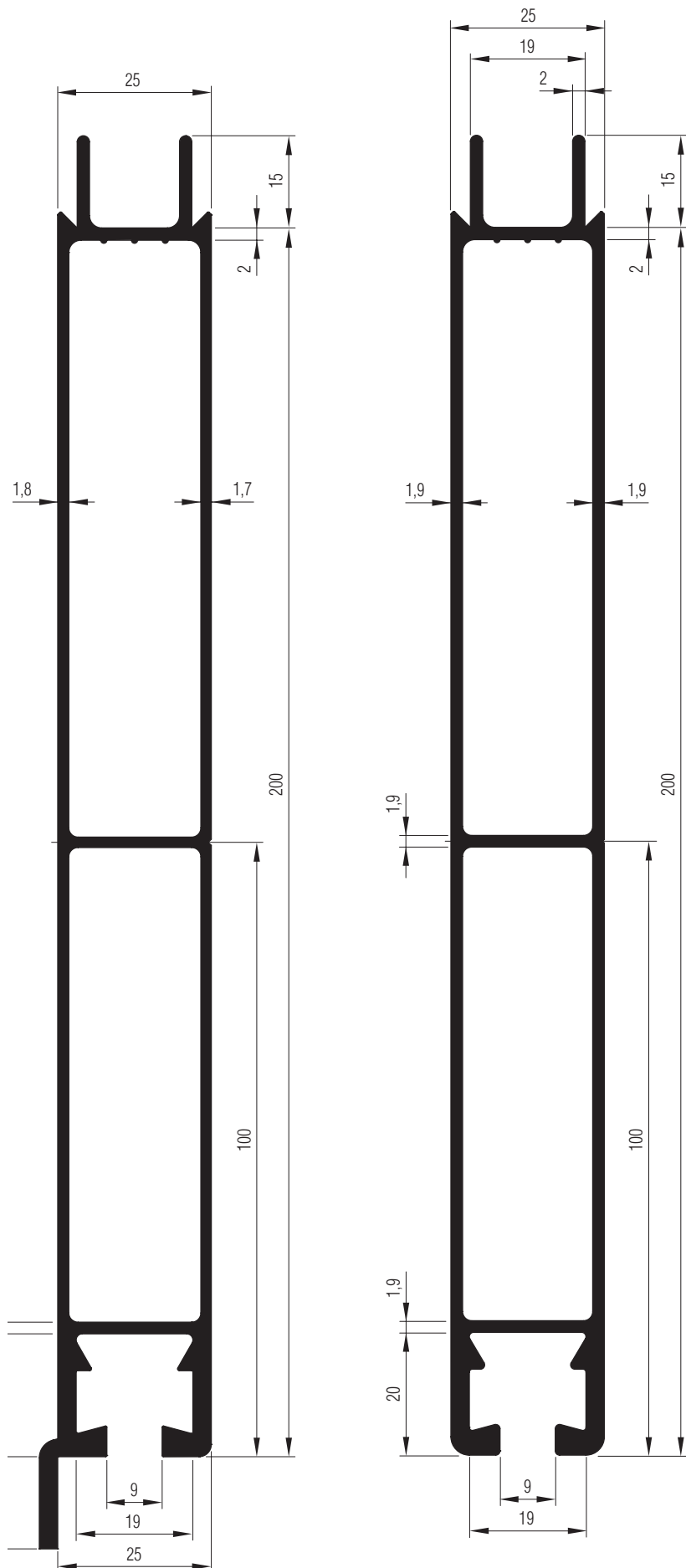
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Length: 7500 mm

(Centre)  
Article No. 228 256 750  
Length: 7500 mm

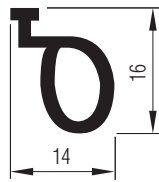
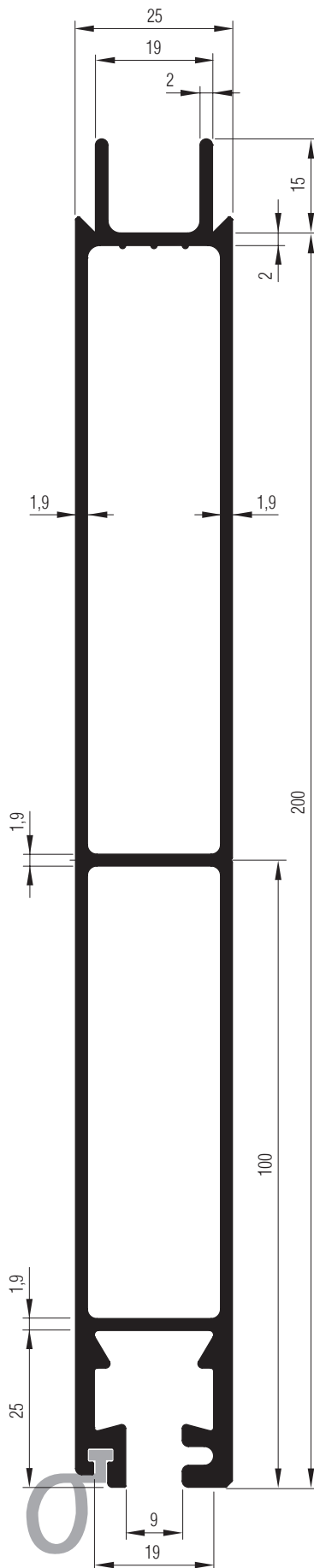
(Right)  
Article No. 228 257 750  
Length: 7500 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.01.10)

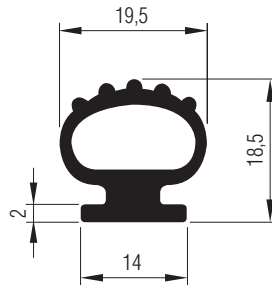
Scale of drawings: 1 : 1



## Dropside Profiles System 25 with tie rods



Article No. 232 110 - Seal  
 Length: 25 m rolls as stock  
 Material: Rubber, standard grey



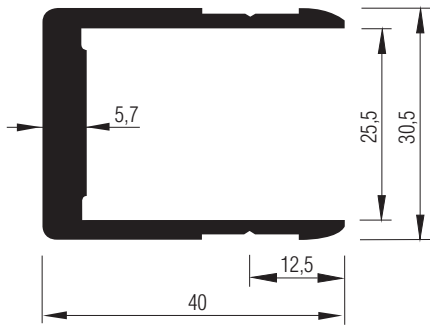
Article-No. 232 111 - Seal  
 Length: 25 m rolls as stock  
 Material: Rubber, black  
 Hardness: approx. 60 ± 5 Shore A

Article No. 228 259 750  
 Length: 7500 mm

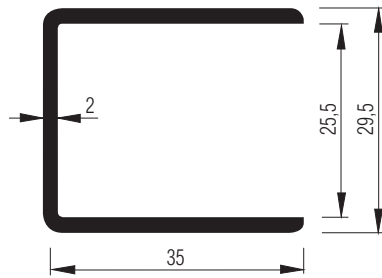
Dropside profiles also available  
 anodized and undercoated  
 (see page 22.02.01.10)

Scale of drawings: 1 : 1

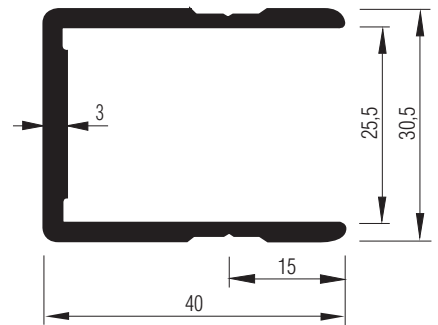
## Dropside Profiles System 25 with tie rods



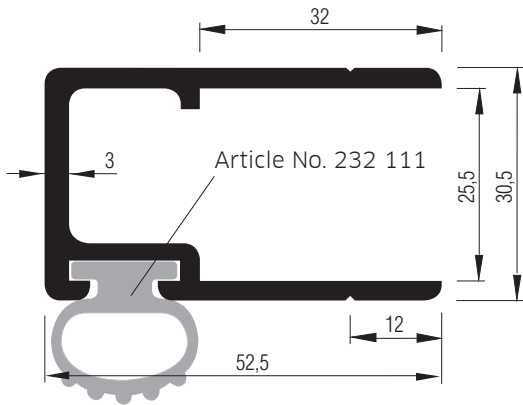
Article No. 228 401 600  
Length: 6000 mm



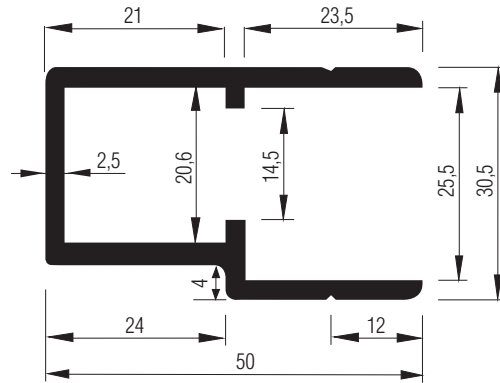
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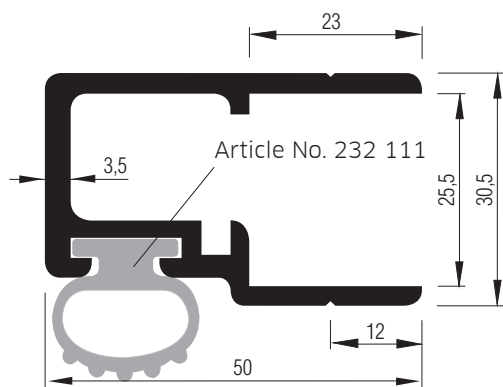
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Length: 6000 mm



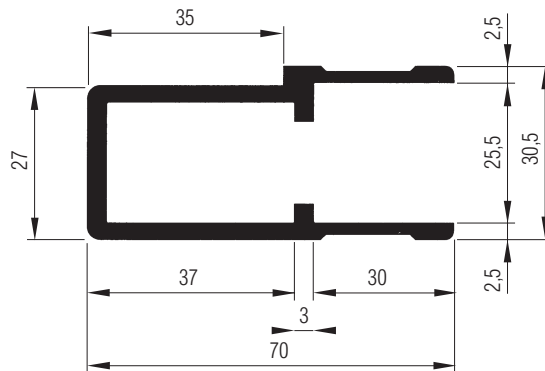
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Article No. 228 408 600  
Length: 6000 mm



Article No. 228 409 600  
Length: 6000 mm



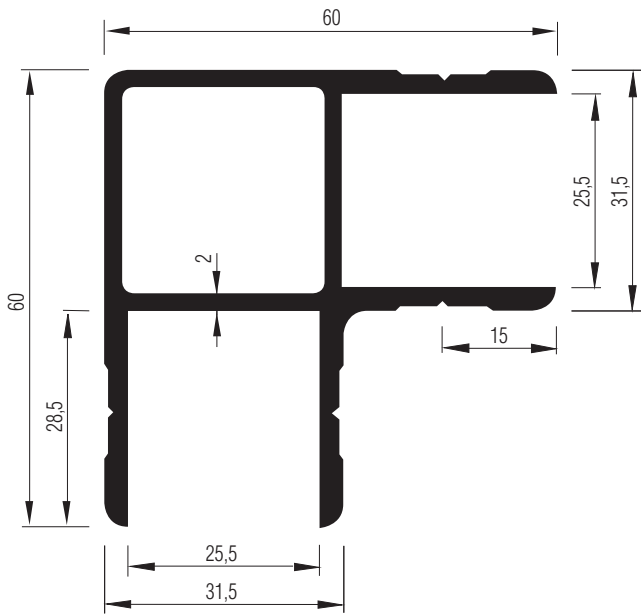
Article No. 228 416 600  
Length: 6000 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.01.10)

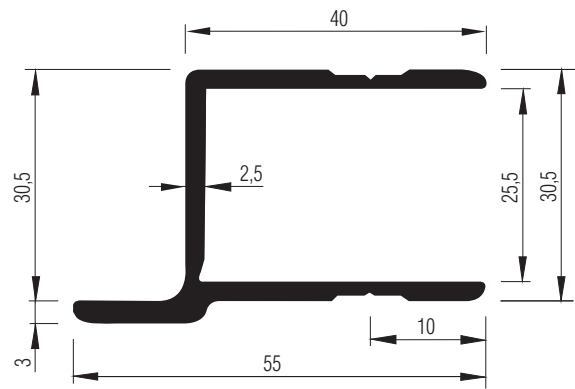
Scale of drawings: 1 : 1

All technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

## Dropside Profiles System 25 with tie rods

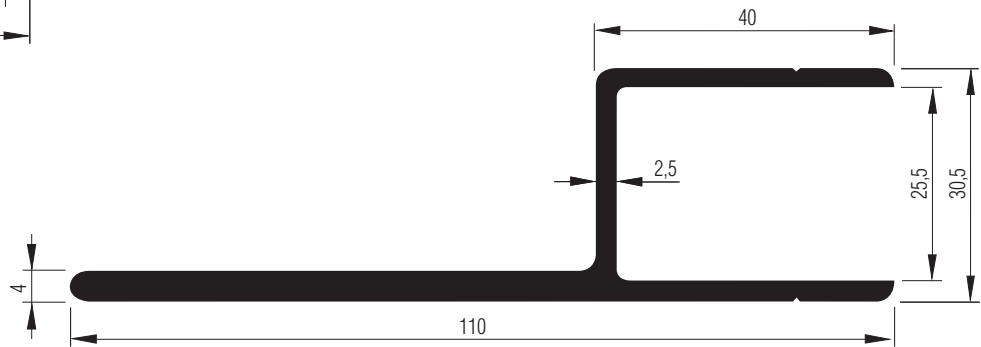


Article No. 228 420 600  
Length: 6000 mm

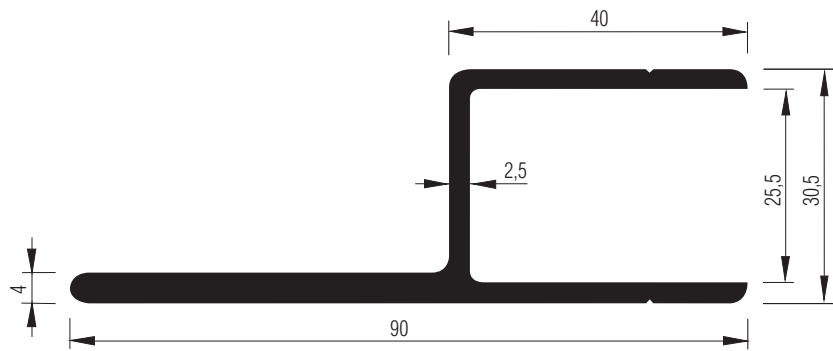


Article No. 228 394 600  
Length: 6000 mm

Article No. 228 382 730  
Length: 7300 mm

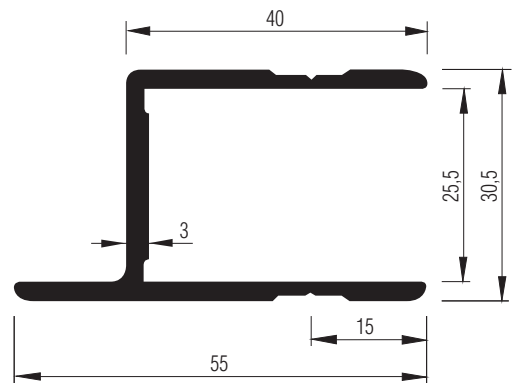


Article No. 228 380 760  
Length: 7600 mm



Dropside profiles also available  
anodized and undercoated  
(see page 22.02.01.10)

Scale of drawings: 1 : 1



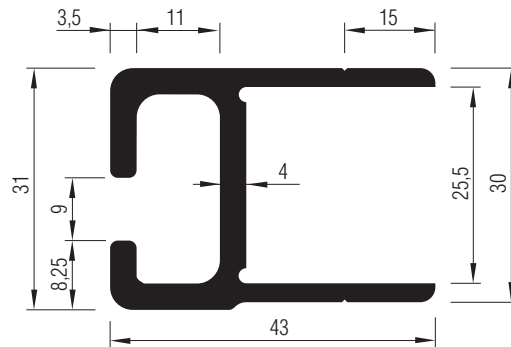
Article No. 228 392 600  
Length: 6000 mm

## Dropside Profiles System 25 with tie rods

### Kinnegrip K4 Edging for Dropsides

To edge the dropside and to accommodate dolly, Article No. 232 760

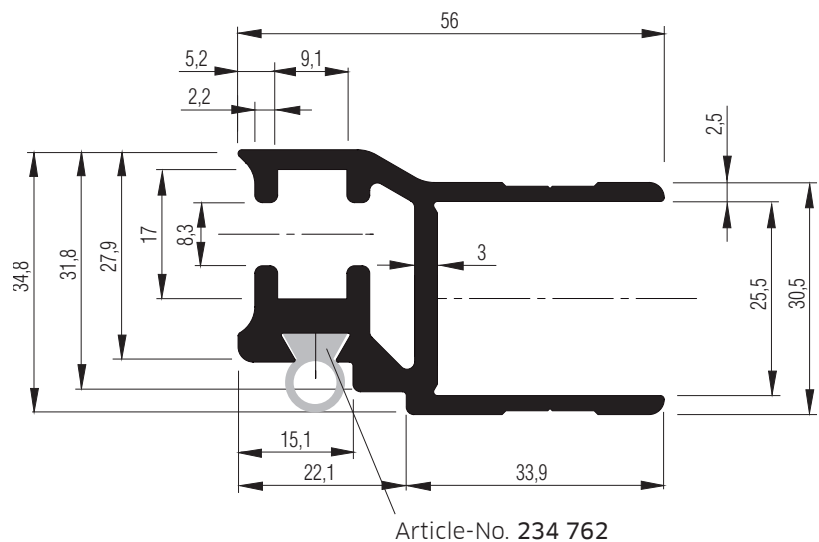
**Material:** Aluminium, mill finish  
**Length:** 6000 mm  
**Article No.** 228 479 600



### Kinnegrip K 20 Edging for Dropsides

To edge the dropside and to accommodate dolly, Article No. 234 766 or 234 767

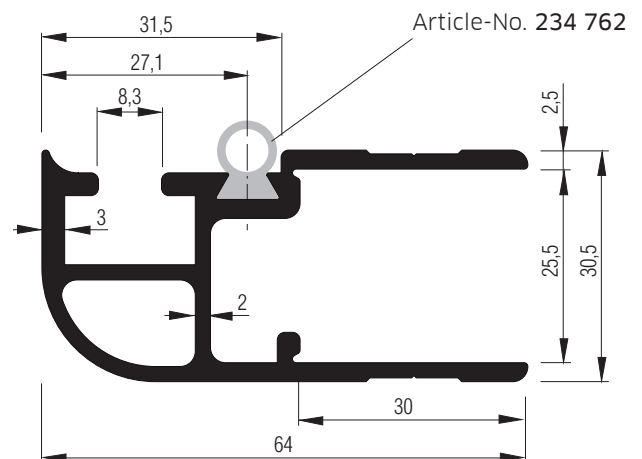
**Material:** Aluminium, mill finish  
**Length:** 6000 mm  
**Article No.** 228 482 600



### Kinnegrip K 20 Edging for Dropsides

Flush edge between rear panel and stanchion, to avoid sharp edges (Accident Prevention Regulations), to accommodate dolly Article No. 234 766 or 234 767 in conjunction with counter punch, Article No. 234 768

**Material:** Aluminium, mill finish  
**Length:** 6500 mm  
**Article No.** 228 485 650



Dropside profiles also available anodized and undercoated (see page 22.02.01.10)

Scale of drawings: 1 : 1

## Dropside Profiles System 25 with tie rods

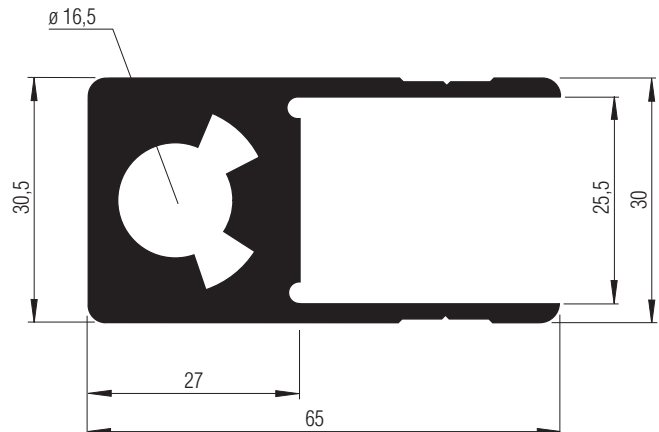
### Rubber Seal K 20

Material: Rubber, black  
Length: 100 m / roll  
Article No. 234 762



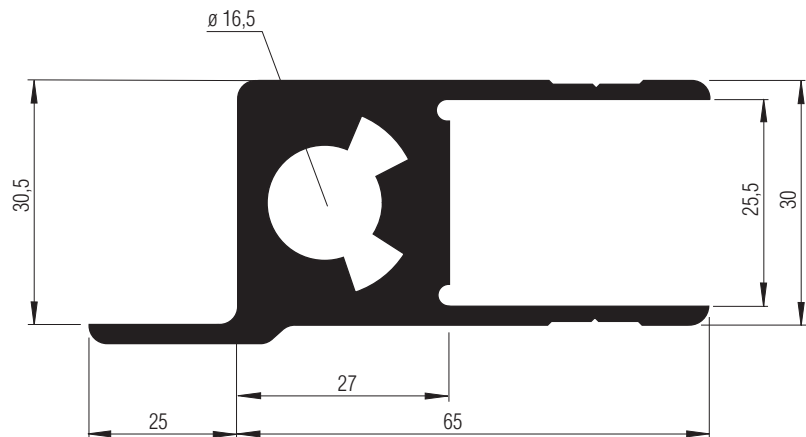
### Special End Profile without Stop Bar

Material: Aluminium, mill finish  
Length: 6000 mm  
Article No. 228 470 600



### Special End Profile with Stop Bar

Material: Aluminium, mill finish  
Length: 6000 mm  
Article No. 228 473 600



### Round-Bar Steel 16 mm $\varnothing$ for Espagnolette









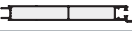





















Material: Steel, raw  
Length: 6000 mm  
Article No. 230 482 600 (not displayed)

Dropside profiles also available anodized and undercoated (see page 22.02.01.10)

Scale of drawings: 1 : 1



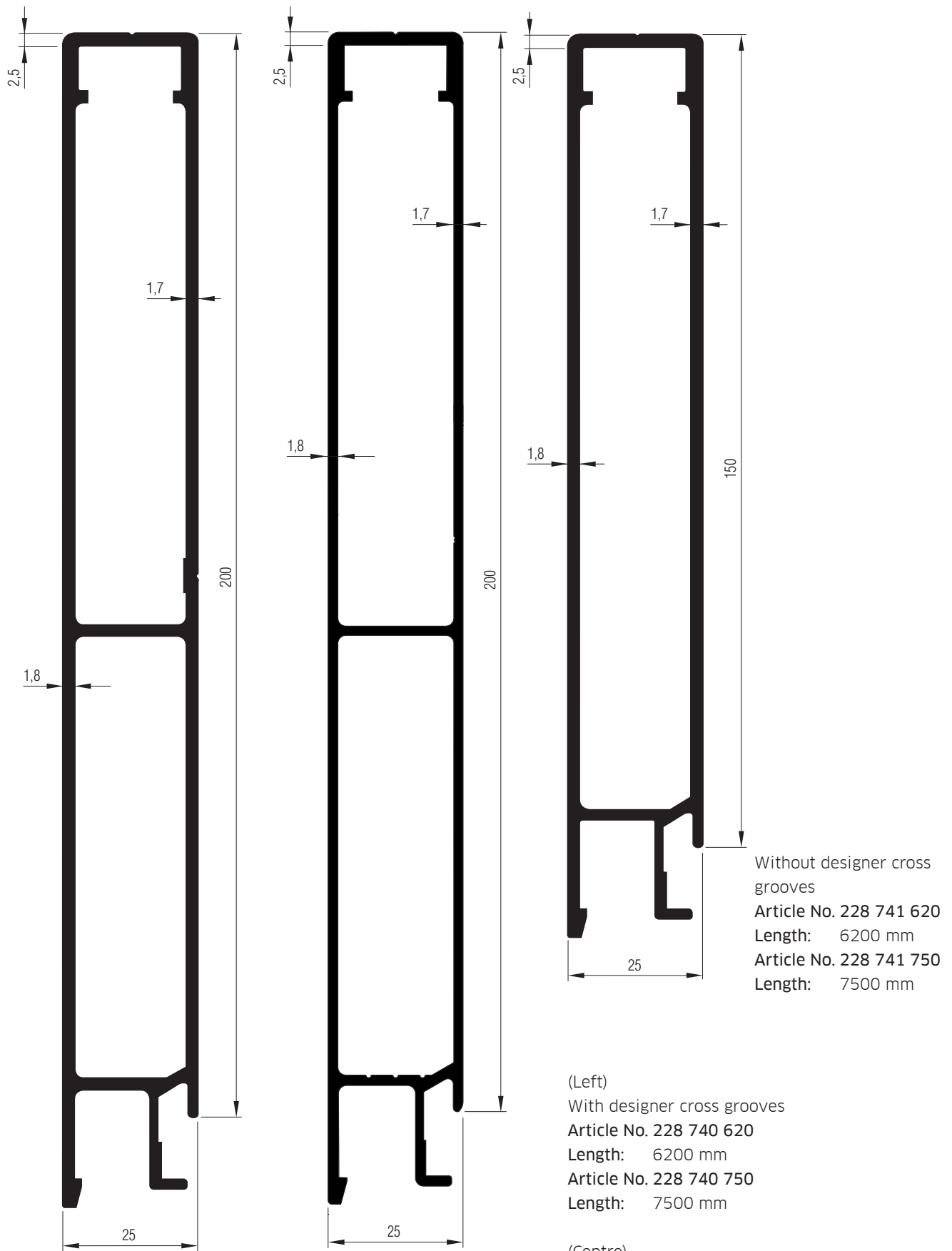
# Dropside Profiles System 25 with tie rods

Symbol	Nominal height	$I_x$	$W_x$	$I_y$	$W_y$	Mill length	Weight	Article No..		
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]			mill finish	Aluminium anodized <sup>1</sup>	powder coated <sup>2</sup>
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[mm]	approx. [kg/m]			
	115	6.70	5.30	70.00	11.10	7500	1.73	228 120 750	228 120 999	228 120 757
	200	10.90	8.75	381.20	36.75	6200	2.55	-	-	-
						7500		228 125 750	228 125 999	228 125 757
	115	26.30	8.30	113.80	16.10	7500	2.74	228 142 750	-	228 142 757
	200	4.20	2.10	386.80	35.40	7500	2.37	228 181 750	228 181 999	228 181 757
	100	5.90	4.70	71.30	11.90	6200	1.50	228 190 620	-	-
						7500		228 190 750	228 190 999	228 190 757
						6200		228 195 620	-	228 195 627
						7500		228 195 750	228 195 759	228 195 757
	75	4.80	3.80	27.30	5.90	7500	1.16	228 210 750	-	228 210 757
	85	5.00	4.00	14.00	2.60	7500	1.38	228 260 750	-	228 260 757
	200	12.18	8.33	529.77	43.69	7500	2.85	228 256 750	-	228 256 757
	200	11.94	9.55	488.86	42.32	7500	2.86	228 257 750	-	228 257 757
	200	12.07	9.57	500.78	42.75	7500	2.93	228 259 750	-	228 259 757
	-	6.17	2.94	26.27	5.48	7600	1.24	228 380 760	228 380 999	-
	-	6.47	2.94	49.08	8.27	7300	1.49	228 382 730	-	228 382 737
	-	6.04	4.24	67.59	11.56	6000	1.50	228 392 600	228 423 600	228 392 607
	-	50.6	2.79	5.64	1.95	6000	0.80	228 394 600	228 426 600	228 394 607
	-	4.19	2.75	4.39	1.57	6000	0.88	228 401 600	228 401 609	-
	-	2.82	1.93	2.35	1.07	5000	0.51	228 402 500	228 402 999	-
	-	4.00	2.62	4.26	1.67	6000	0.70	228 403 600	228 422 600	228 403 607
	-	5.56	3.63	9.65	2.98	6000	1.00	228 404 600	-	-
	-	-	-	-	-	5000	-	-	-	-
	-	-	-	-	-	6000	-	228 417 600	228 417 619	228 417 617
	-	15.42	4.21	15.42	4.21	6000	1.35	228 420 600	228 421 600	-
	-	4.33	2.69	7.25	2.30	6000	0.87	228 408 600	228 427 600	228 408 607
	-	4.33	2.66	7.90	2.59	6000	1.02	228 409 600	228 409 999	228 409 607
	-	18.45	4.61	5.79	3.63	6000	6.00	228 416 600	-	228 416 607
	-	4.75	2.99	4.38	1.66	6000	0.94	228 479 600	228 479 609	228 479 607
	-	6.48	3.63	9.90	2.92	6000	1.32	228 482 600	228 482 609	228 482 607
	-	5.44	3.49	14.56	3.87	6500	1.20	228 485 650	228 485 659	228 485 657
	-	20.2	4.54	9.03	5.92	6000	1.97	228 470 600	228 470 999	-
	-	10.23	6.13	25.77	5.46	6000	2.08	228 473 600	228 473 999	-

<sup>1</sup> silver-coloured anodic oxidation acc. to E6EV1

<sup>2</sup> powder coated, similar RAL 9010

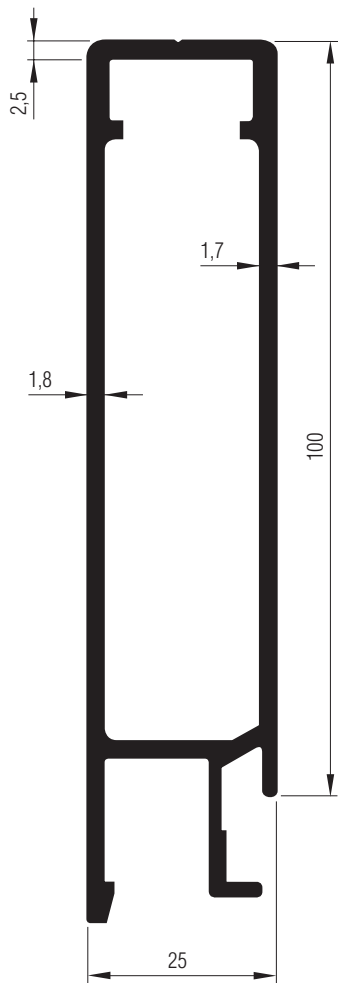
## Dropside Profiles System 25 no tie rods



Dropside profiles also available anodized and undercoated (see page 22.02.02.17/18).

Scale of drawings: 1 : 1

## Dropside Profiles System 25 no tie rods

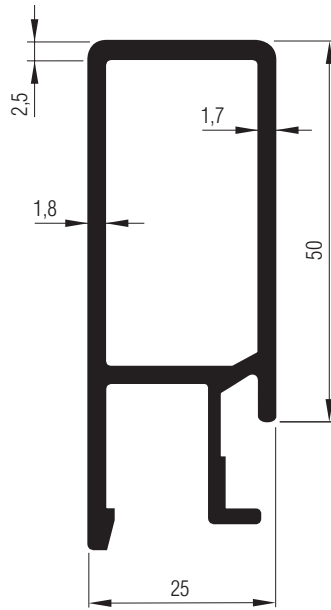


Article No. 228 742 620

Length: 6200 mm

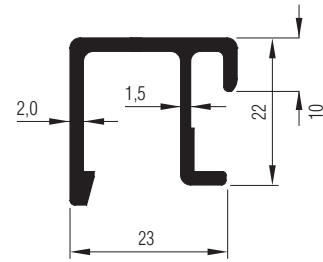
Article No. 228 742 750

Length: 7500 mm



Article No. 228 743 750

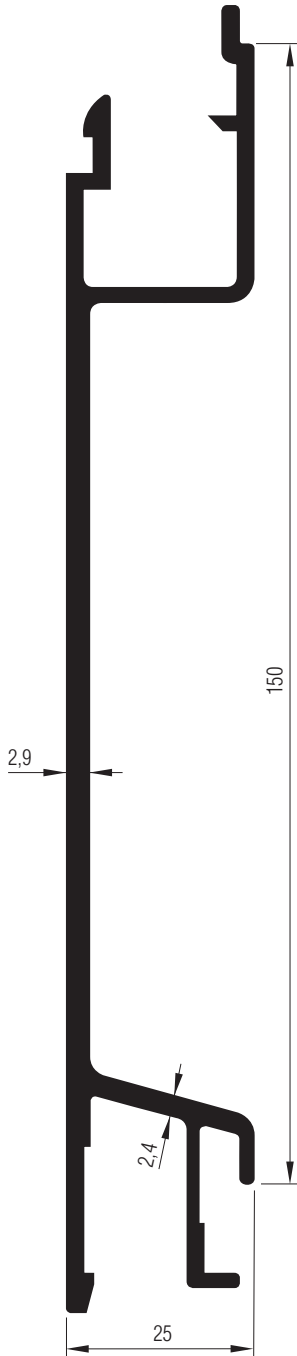
Length: 7500 mm



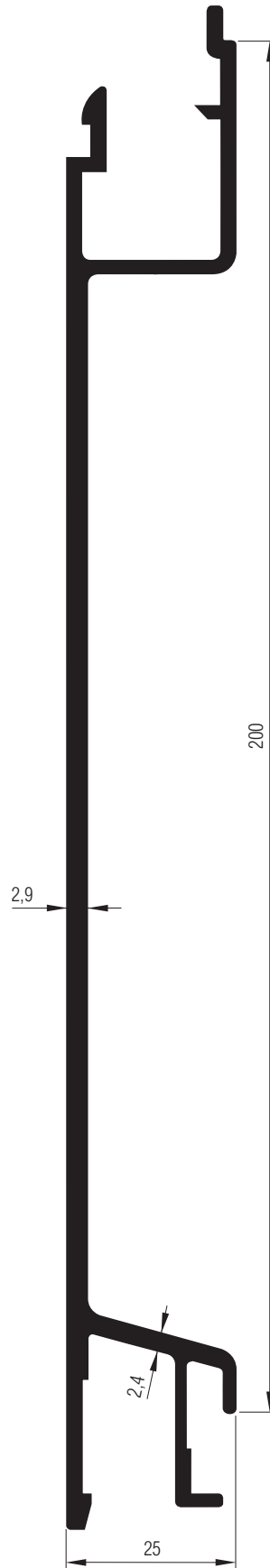
Article No. 228 744 750

Länge: 7500 mm

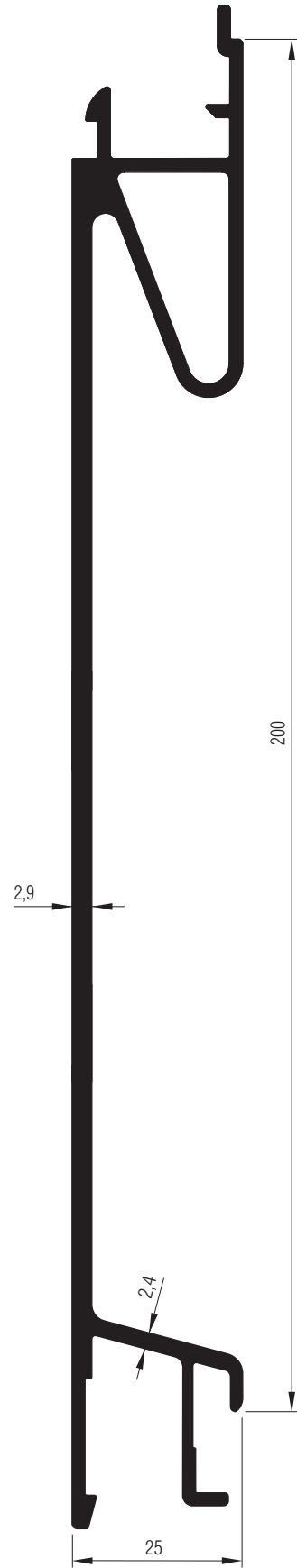
## Dropside Profiles System 25 no tie rods



Article No. 228 747 750  
Length: 7500 mm



Article No. 228 746 620  
Length: 6200 mm  
Article No. 228 746 750  
Length: 7500 mm

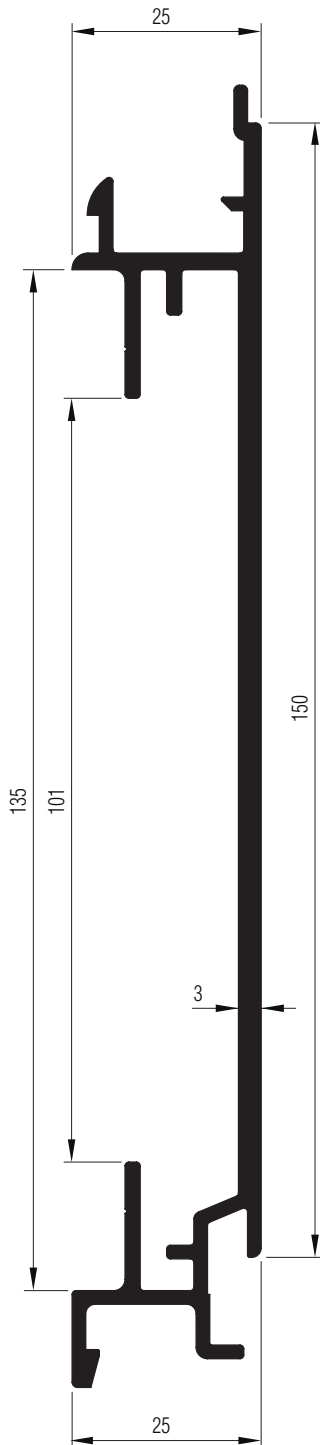


Article No. 228 748 750  
Length: 7500 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.02.17/18).

Scale of drawings: 1 : 1

## Dropside Profiles System 25 no tie rods



Fits the following cap profile  
anchor rails for mounting on:

### Flange A or Flange B

Article No.	Article No.
612 055 <sup>1</sup>	612 055
612 056 <sup>1</sup>	612 056
612 057 <sup>1</sup>	612 057
612 058 <sup>1</sup>	612 058
612 066 <sup>1</sup>	612 066

<sup>1</sup> does not affect the load compartment interior width

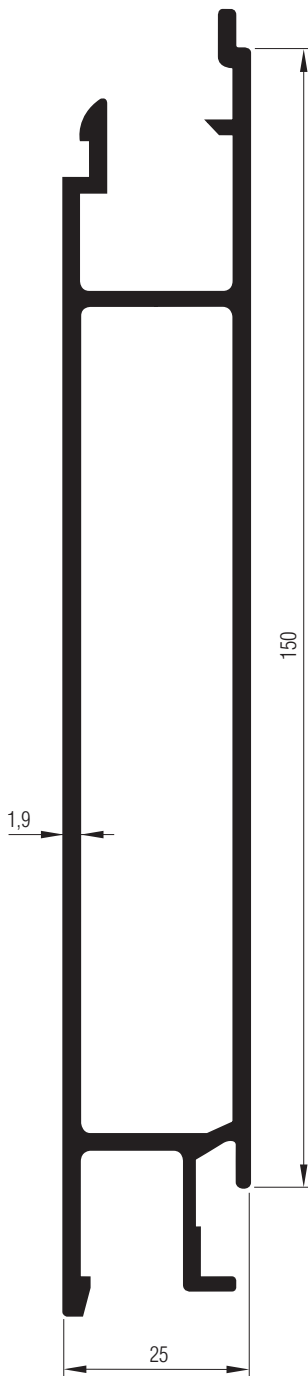
Article No. 228 749 750

Length: 7500 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.02.17/18).

Scale of drawings: 1 : 1

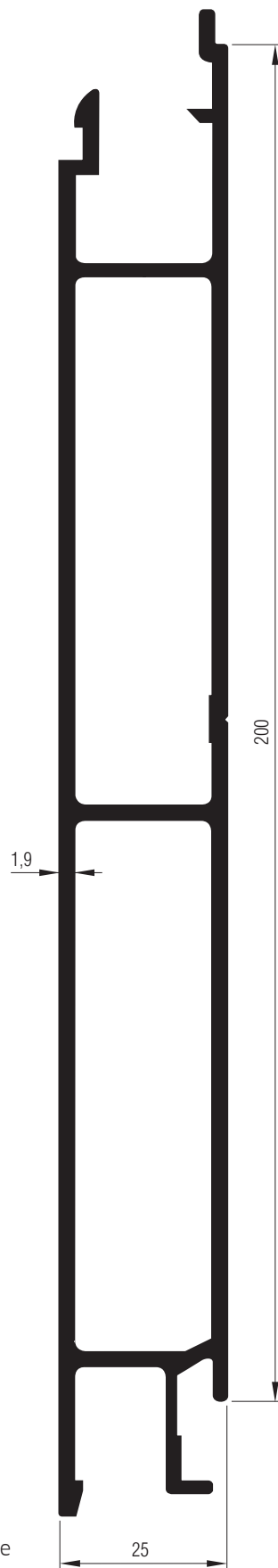
## Dropside Profiles System 25 no tie rods



Without designer cross grooves  
Article No. 228 751 750  
Length: 7500 mm

Dropside profiles also available anodized and undercoated (see page 22.02.02.17/18).

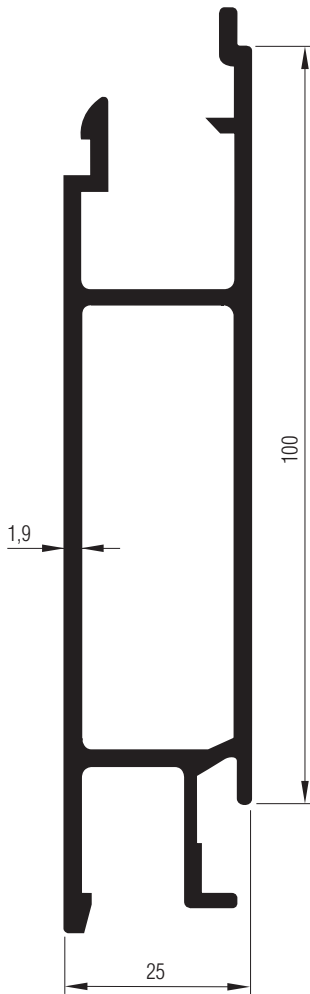
Scale of drawings: 1 : 1



(Centre)  
With designer cross grooves every 100 mm  
Article No. 228 750 620  
Length: 6200 mm  
Article No. 228 750 750  
Length: 7500 mm

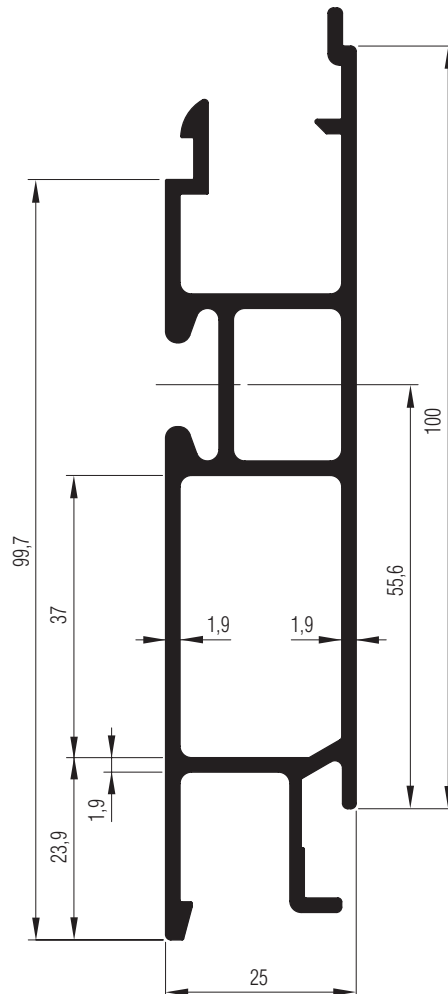
(Right)  
Without designer cross grooves  
Article No. 228 711 750  
Length: 7500 mm

## Dropside Profiles System 25 no tie rods



Article No. 228 752 750

Length: 7500 mm

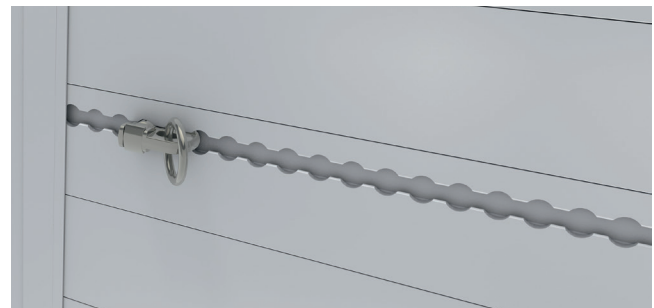


Article No. 228 753 751

Length: 7500 mm

### Aluminium dropside profile with Airline track

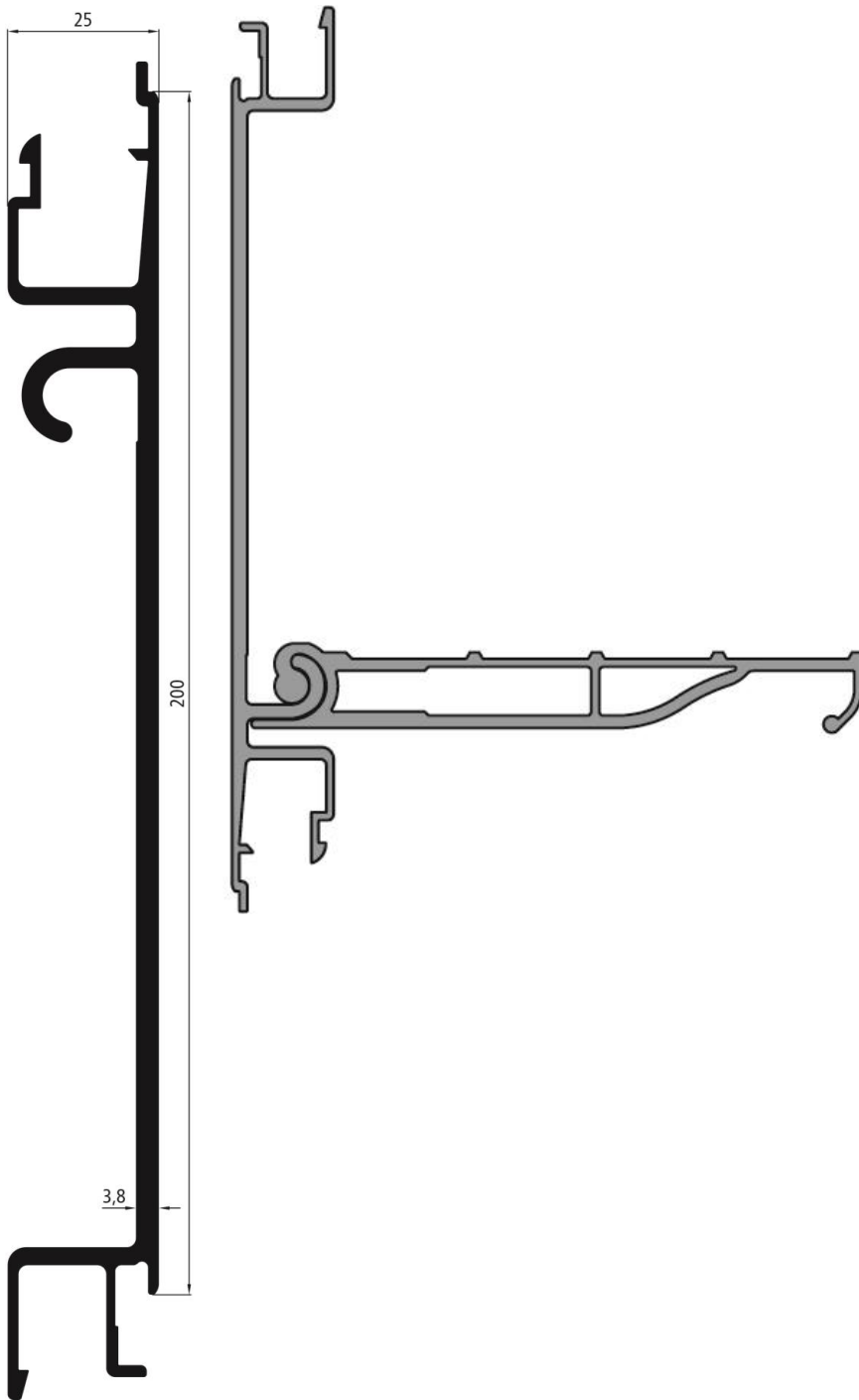
Rounding off the Airline system, we offer a wide selection of Airline studs, lashing straps as well as matching shoring poles to control the cargo (see Cargo Control, Group 61 product catalogue).



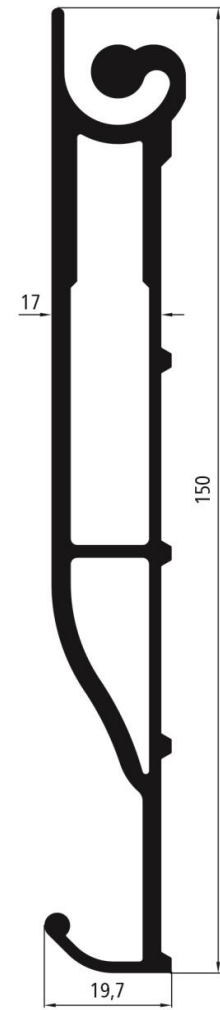
Dropside profiles also available anodized and undercoated (see page 22.02.02.17/18).

Scale of drawings: 1 : 1

## Dropside Profiles System 25 no tie rods



Article No. 228 712 750  
Length: 7500 mm



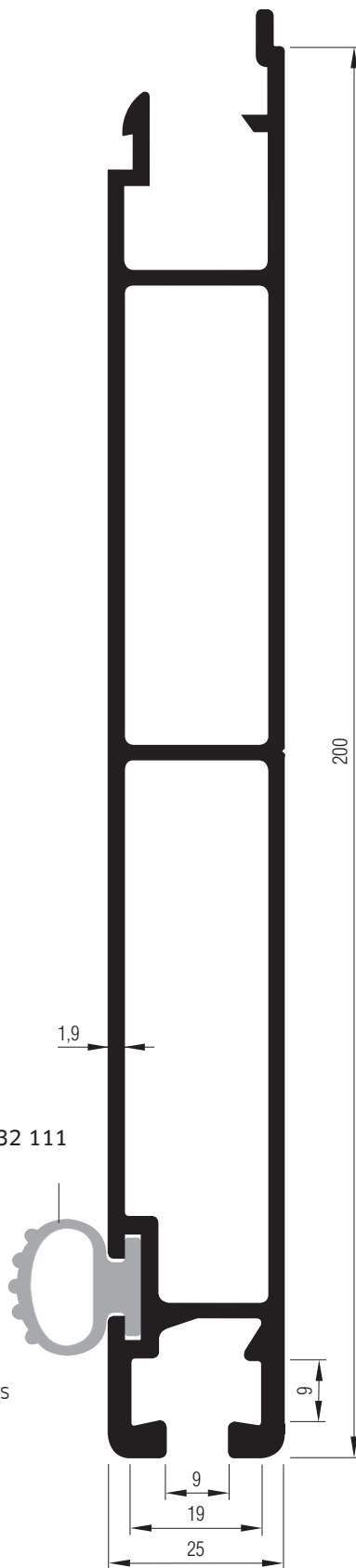
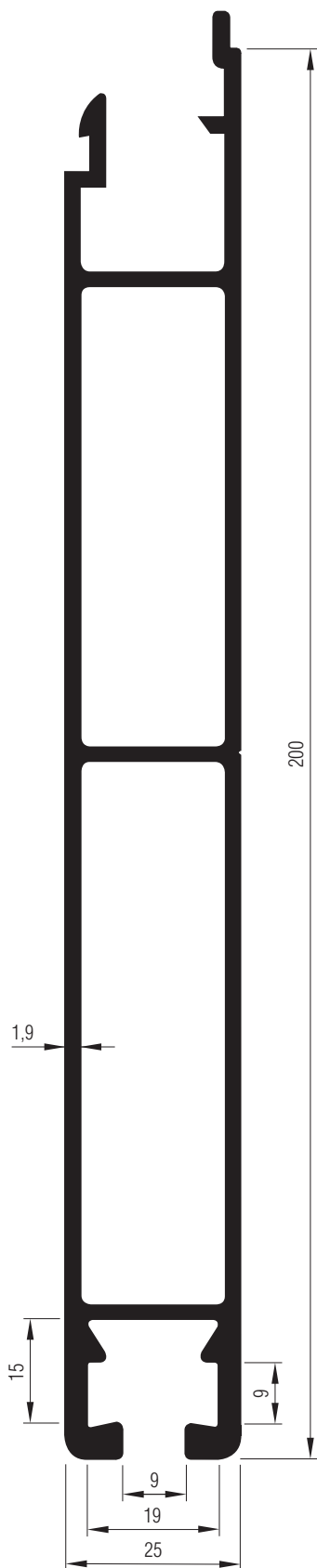
Article No. 228 713 750  
Length: 7500 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.02.17/18).

Scale of drawings: 1 : 1



## Dropside Profiles System 25 no tie rods



Article No. 232 111

With designer cross grooves every 100 mm

Article No. 228 756 620

Length: 6200 mm

Article No. 228 756 750

Length: 7500 mm

With designer cross grooves

Article No. 228 757 750

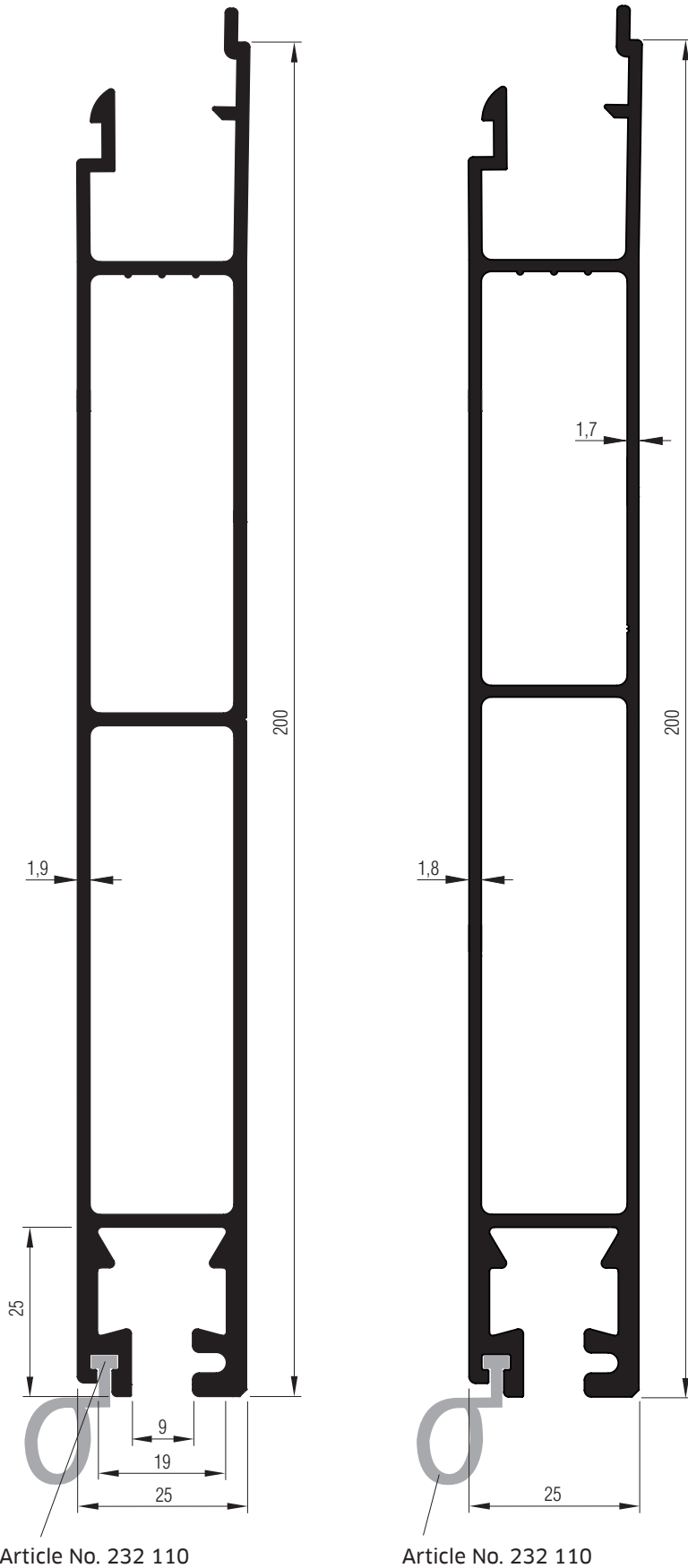
Length: 7500 mm

Dropside profiles also available anodized and undercoated (see page 22.02.02.17/18).

Scale of drawings: 1 : 1

All technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

## Dropside Profiles System 25 no tie rods



Article No. 232 110

Article No. 232 110

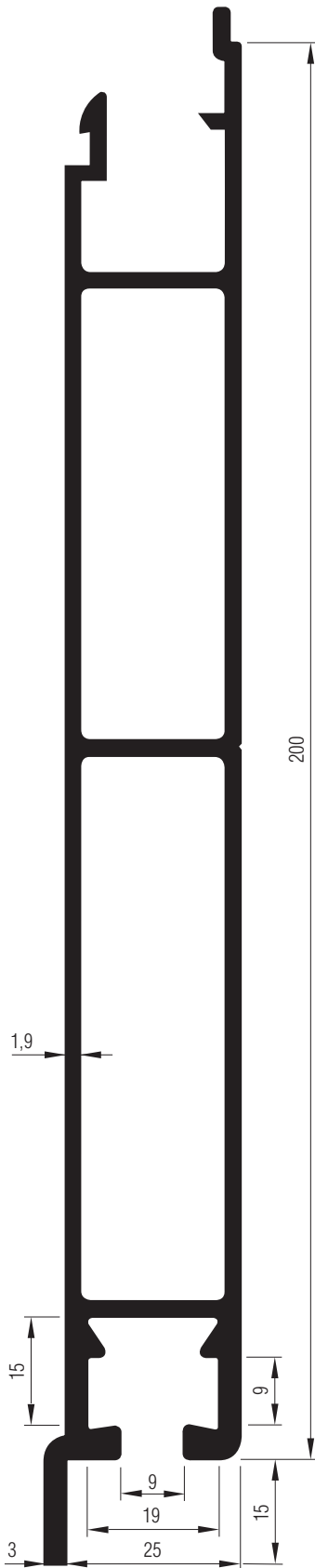
(Left)  
With designer cross  
grooves every 100 mm  
Article No. 228 758 750  
Length: 7500 mm

(Right)  
Without designer cross  
grooves  
Article No. 228 727 750  
Length: 7500 mm

Dropside profiles also available anodized and undercoated  
(see page 22.02.02.17/18).

Scale of drawings: 1 : 1

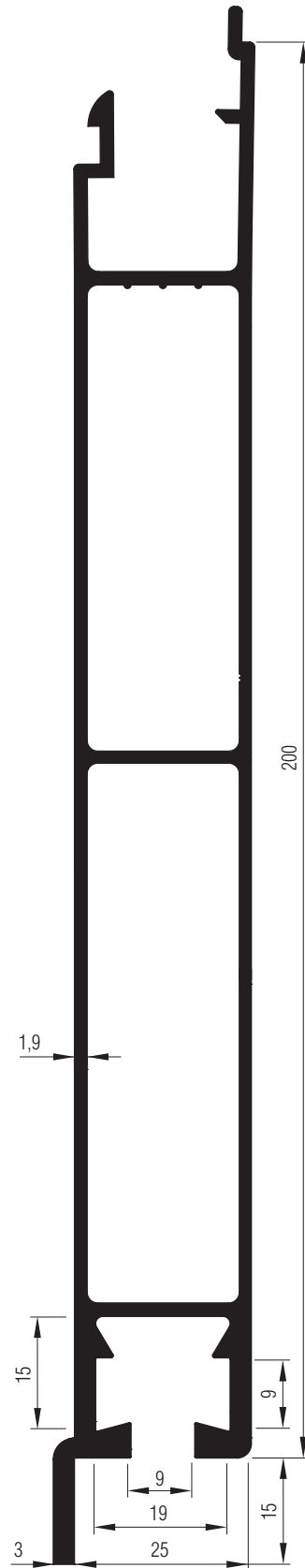
## Dropside Profiles System 25 no tie rods



With designer cross grooves  
every 100 mm  
Article No. 228 763 620  
Length: 6200 mm  
Article No. 228 763 750  
Length: 7500 mm  
Stop bar: inside

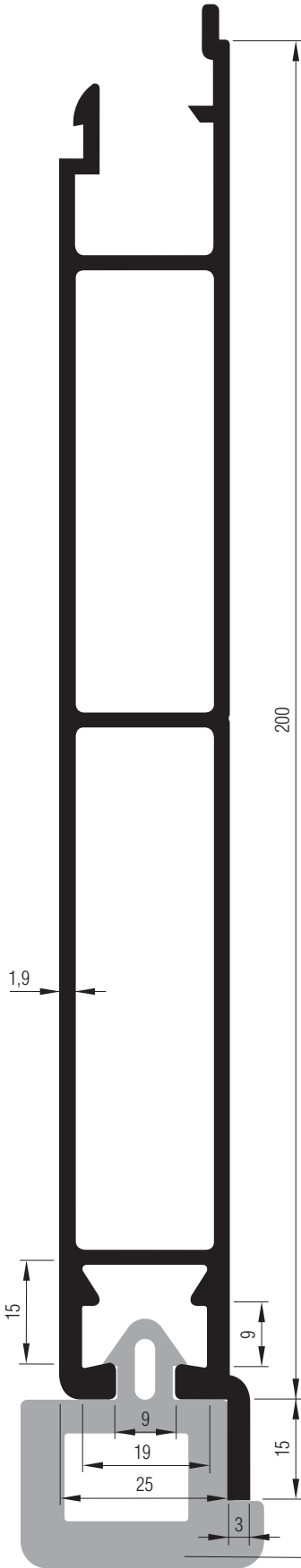
Dropside profiles also available anodized and undercoated  
(see page 22.02.02.17/18).

Scale of drawings: 1 : 1



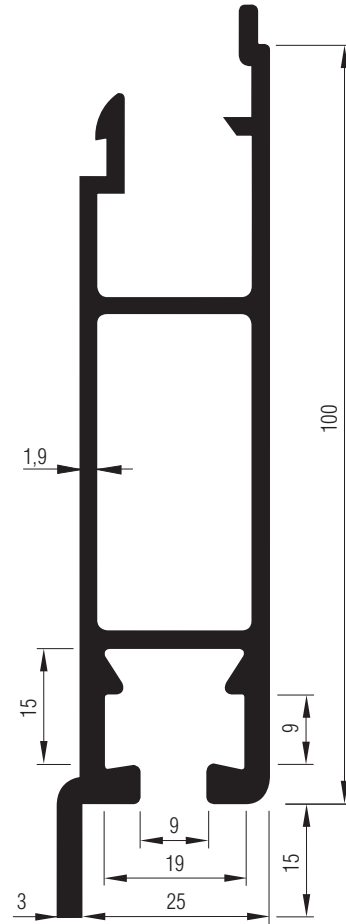
Without designer cross grooves  
Article No. 228 725 750  
Length: 7500 mm

## Dropside Profiles System 25 no tie rods

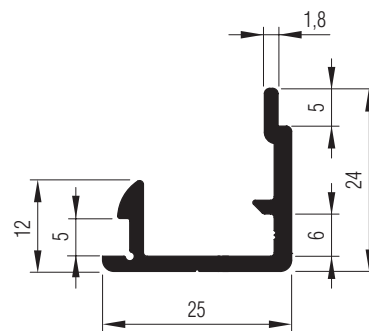


With designer cross grooves every 100 mm  
 Article No. 228 766 750  
 Length: 7500 mm  
 Stop bar: outside

Article No. 232 109



Length: 7500 mm  
 Article No. 228 762 750

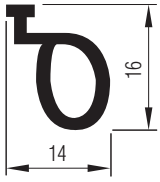


Length: 7500 mm  
 Article No. 228 767 750

Dropside profiles also available anodized and undercoated (see page 22.02.02.17/18).

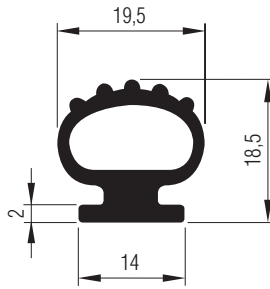
Scale of drawings: 1 : 1

## Dropside Profiles System 25 no tie rods



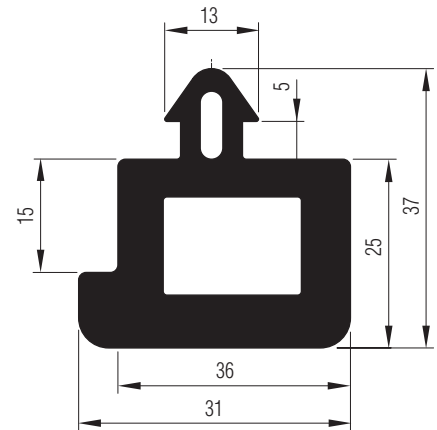
### Seal

**Length:** 25 m rolls as stock  
**Material:** Rubber, standard grey  
**Article No.** 232 110



### Seal

**Length:** 25 m rolls as stock  
**Material:** Rubber, black  
**Hardness:** approx. 60 ± 5 Shore A  
**Article No.** 232 111



### Tailboard ram protection profile / seal

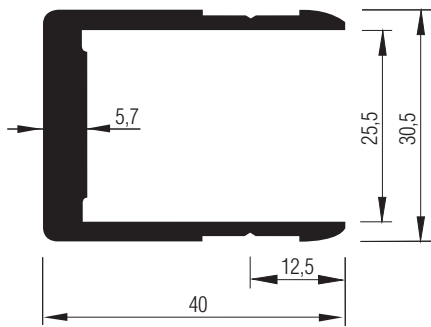
**Length:** 3 m  
**Material:** PVC flexible, black  
**Hardness:** approx. 80 ± 5 Shore A  
 fitting for  
**Article No.:** 228 756, 228 757, 228 759,  
 228 763, 228 766, 228 762  
**Article No.** 232 109

All technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

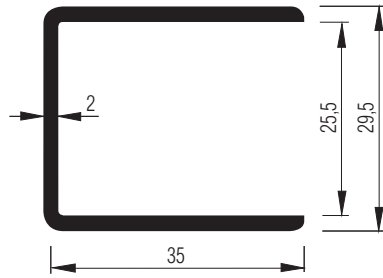
Dropside profiles also available  
 anodized and undercoated  
 (see page 22.02.02.17/18).

Scale of drawings: 1 : 1

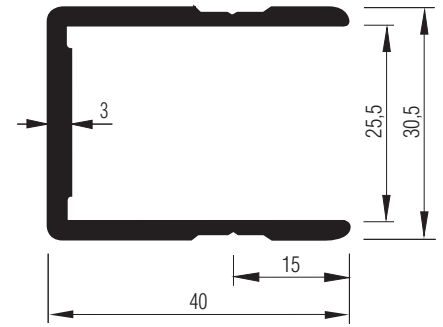
## Dropside Profiles System 25 no tie rods



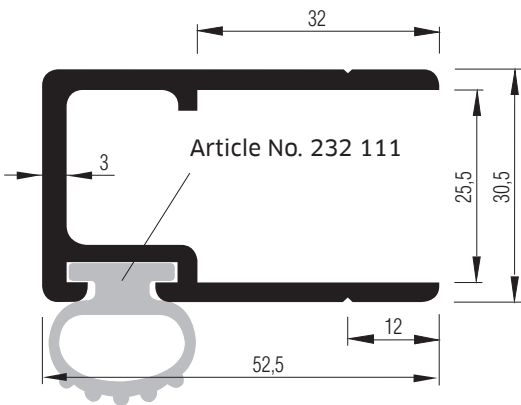
Article No. 228 401 600  
Length: 6000 mm



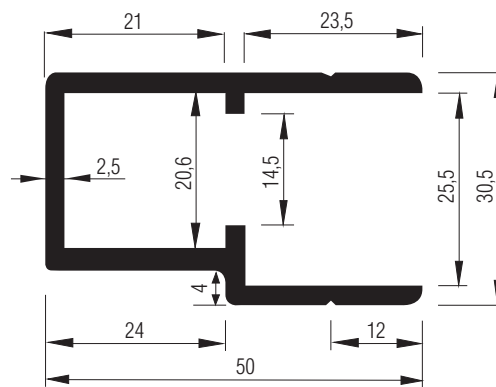
Article No. 228 402 500  
Length: 5000 mm



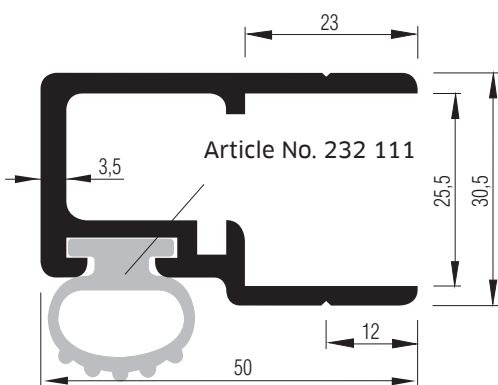
Article No. 228 403 600  
Length: 6000 mm



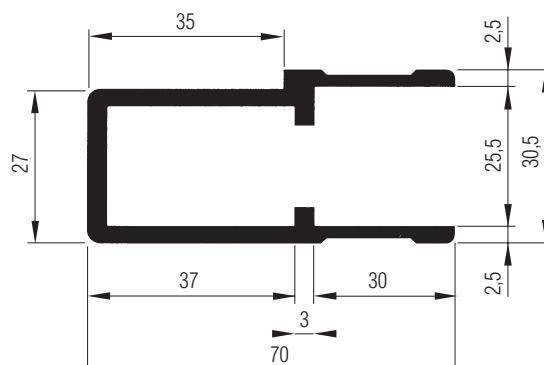
Article No. 228 404 600  
Length: 6000 mm



Article No. 228 408 600  
Length: 6000 mm



Article No. 228 409 600  
Length: 6000 mm

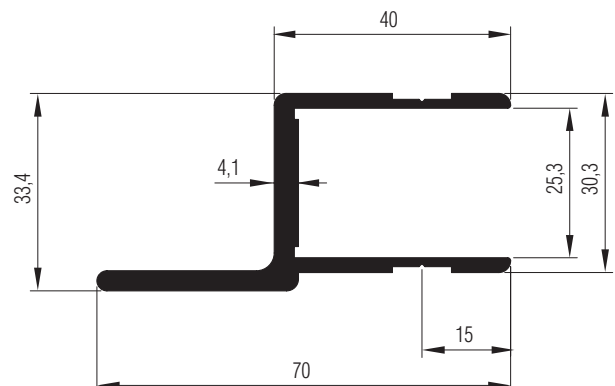
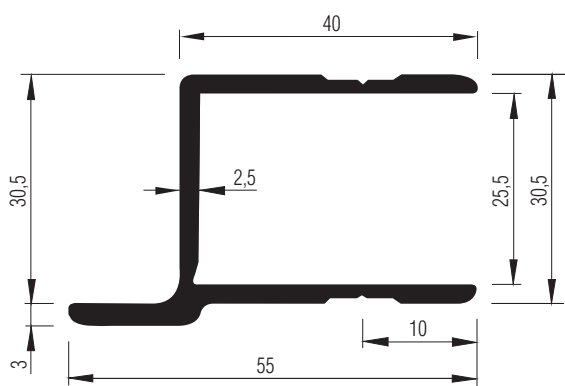
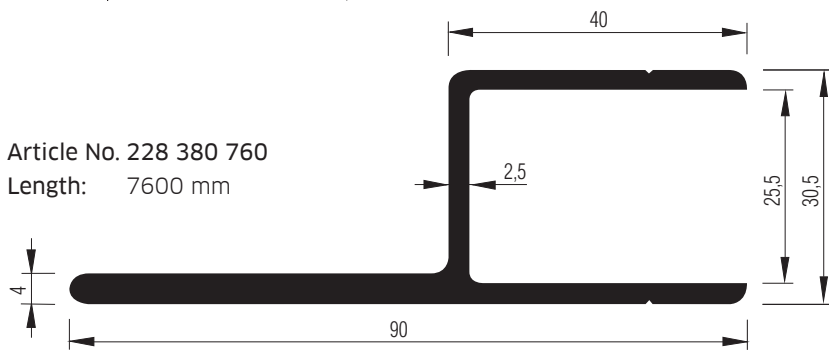
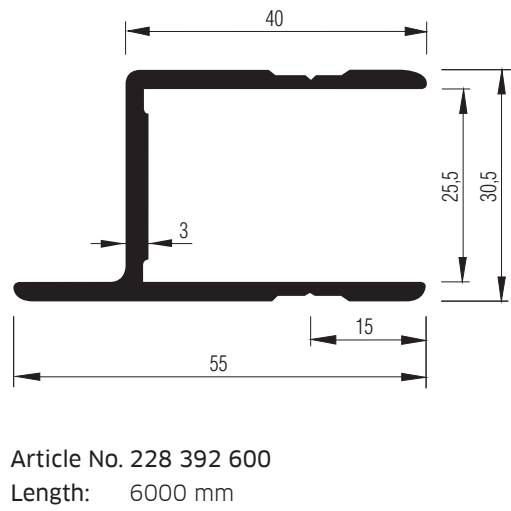
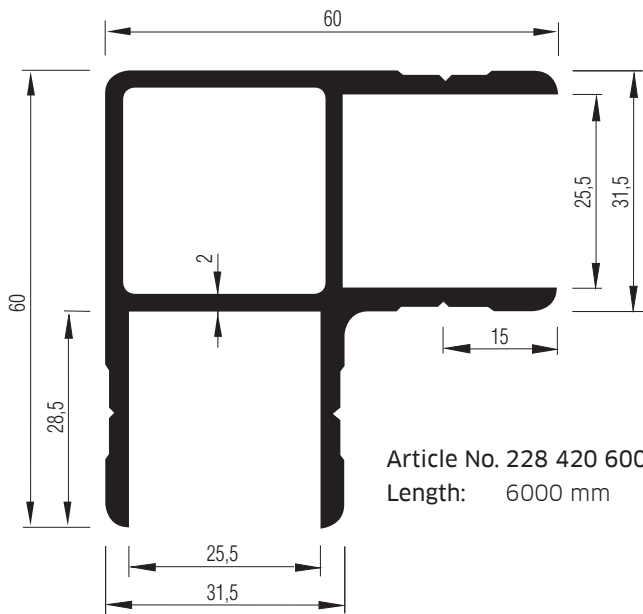


Article No. 228 416 600  
Length: 6000 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.02.02.17/18).

Scale of drawings: 1 : 1

## Dropside Profiles System 25 no tie rods



Dropside profiles also available anodized and undercoated  
(see page 22.02.02.17/18).

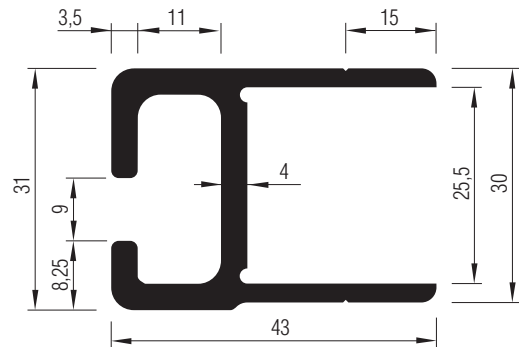
Scale of drawings: 1 : 1

## Dropside Profiles System 25 no tie rods

### Kinnegrip K4 framing profile for side panels

For framing the tailboard and for receiving the counter-brace, Article No. 232 760

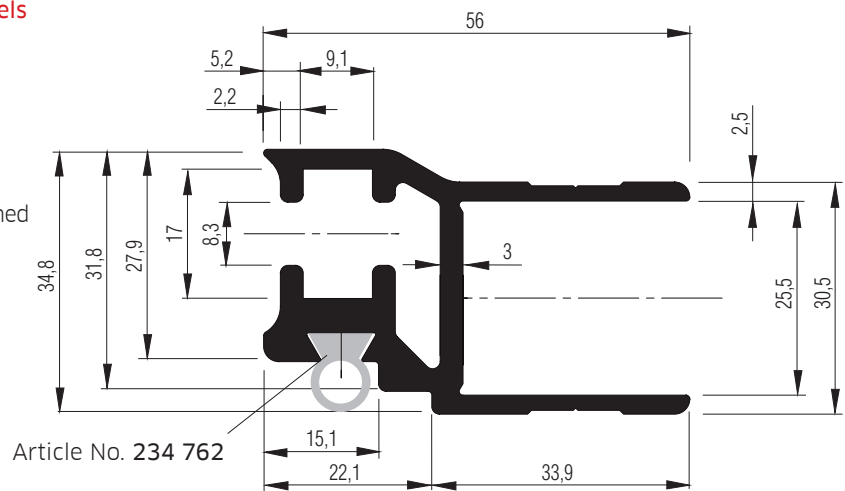
**Material:** Aluminium, semi-machined  
**Length:** 6000 mm  
**Article No.** 228 479 600



### Kinnegrip K20 framing profile for side panels

For framing the tailboard and for receiving the counter-brace, Article No. 234 766 and 234 767

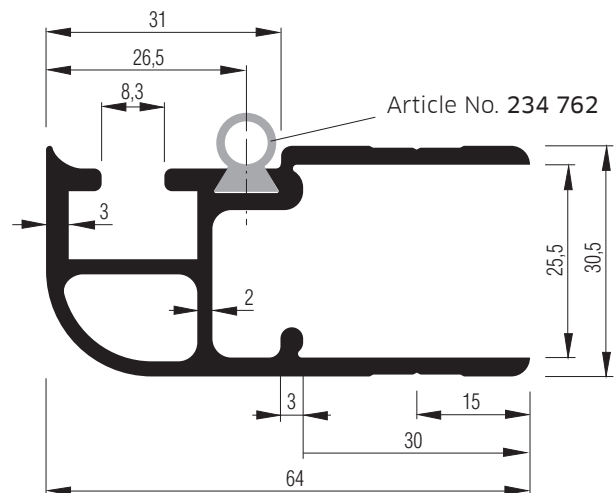
**Material:** Aluminium, semi-machined  
**Length:** 6000 mm  
**Article No.** 228 482 600



### Kinnegrip K20 framing profile for rear panel

Clean sealing of the rear panel to the stanchion, avoidance of sharp edges (UVV), receiving the counter-brace, Article No. 234 766 and 234 767, in conjunction with counter-plate, Article No. 234 768

**Material:** Aluminium, semi-machined  
**Length:** 6500 mm  
**Article No.** 228 485 650



### Rubber seal K20

**Material:** Rubber, black  
**Length:** 100 m/roll  
**Article No.** 234 762



Dropside profiles also available anodized and undercoated (see page 22.02.02.17/18).

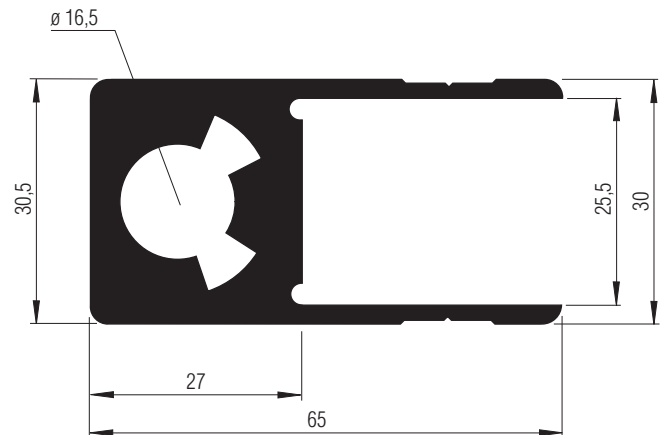
Scale of drawings: 1 : 1



## Dropside Profiles System 25 no tie rods

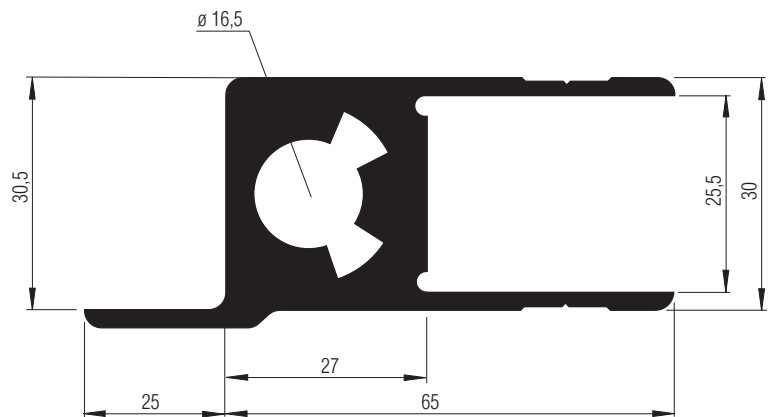
### Special end profile without stop bar

Material: Aluminium  
 Length: 6000 mm  
 Article No. 228 470 600



### Special end profile with stop bar

Material: Aluminium  
 Length: 6000 mm  
 Article No. 228 473 600



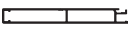

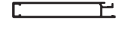






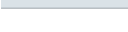


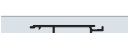





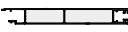



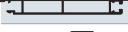







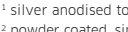

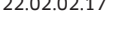

### Round-Bar Steel 16 mm $\varnothing$ for Espagnolette

Material: Steel, raw  
 Length: 6 m  
 Article No. 230 482 600 (not displayed)

Dropside profiles also available  
 anodized and undercoated  
 (see page 22.02.02.17/18).

Scale of drawings: 1 : 1

# Dropside Profiles System 25 no tie rods

Symbol	Nominal height	I <sub>x</sub>	W <sub>x</sub>	I <sub>y</sub>	W <sub>y</sub>	Mill length	Weight approx.	Article No. mill finish	Aluminium anodized <sup>1</sup>	powder coated <sup>2</sup>
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[mm]	[kg/m]			
	200	11.81	9.23	457.18	41.01	6200	2.8	228 740 620 <sup>3</sup>	-	-
						7500		228 740 750 <sup>3</sup>	228 740 759 <sup>3</sup>	228 740 757 <sup>3</sup>
	200	11.81	9.23	457.18	41.01	7500	2.8	228 700 750 <sup>4</sup>	-	-
	150	9.02	6.99	221.48	25.52	6200	2.1	228 741 620 <sup>4</sup>	-	-
						7500		228 741 750 <sup>4</sup>	228 741 759 <sup>3</sup>	228 741 757 <sup>3</sup>
	100	6.30	4.89	82.06	13.27	6200	1.6	228 742 620	-	-
						7500		228 742 750	228 742 759	228 742 757
	50	3.34	2.54	14.46	4.16	7500	0.9	228 743 750	-	-
	-	1.02	0.65	1.19	0.86	7500	0.4	228 744 750	228 744 759	-
	200	5.64	2.94	384.72	33.76	6200	2.2	228 746 620	-	-
						7500		228 746 750	228 746 759	228 746 757
	150	5.16	2.93	184.03	20.58	6200	1.7	-	-	-
						7500		228 747 750	228 747 759	228 747 757
	200	7.03	4.01	445.90	36.90	7500	2.6	228 748 750	228 748 759	228 748 757
	150	3.80	2.06	201.90	23.40	7500	1.9	228 749 750	228 749 759	228 749 757
	200	11.46	9.04	411.66	36.11	6200	2.6	228 750 620 <sup>3</sup>	-	-
						7500		228 750 750 <sup>3</sup>	228 750 759 <sup>3</sup>	228 750 757 <sup>3</sup>
	200	11.46	9.04	411.66	36.11	7500	2.6	228 711 750 <sup>4</sup>	-	-
	150	8.69	6.85	191.88	21.57	6200	2.0	-	-	-
						7500		228 751 750 <sup>4</sup>	228 751 759 <sup>4</sup>	228 751 757 <sup>4</sup>
	100	6.10	4.80	66.57	10.38	7500	1.5	228 752 750	228 752 759	228 752 757
	100	6.08	4.85	66.72	10.59	7500	1.71	228 753 751	228 753 759	228 753 757
	200	-	-	-	-	7500	3.15	228 712 750	-	228 712 757 <sup>5</sup>
	-	-	-	-	-	7500	2.65	228 713 750	-	228 713 757 <sup>5</sup>
	200	11.33	8.85	391.04	34.60	6200	2.7	228 756 620 <sup>3</sup>	-	-
						7500		228 756 750 <sup>3</sup>	228 756 759 <sup>3</sup>	228 756 757 <sup>3</sup>
	200	11.22	8.77	396.33	34.80	6200	2.7	-	-	-
						7500		228 757 750 <sup>3</sup>	228 757 759 <sup>3</sup>	228 757 757 <sup>3</sup>
	200	11.63	7.88	410.90	35.51	7500	2.8	228 758 750 <sup>3</sup>	228 758 759 <sup>3</sup>	228 758 757 <sup>3</sup>
	200	11.63	7.88	410.90	35.51	7500	2.8	228 727 750	-	-
	100	7.10	4.80	66.70	10.09	7500	1.6	228 762 750	-	-
	-	0.56	0.57	0.90	0.33	7500	0.3	228 767 750	228 767 759	-
	200	12.37	8.20	440.41	37.31	6200	2.8	228 763 620 <sup>3</sup>	-	-
						7500		228 763 750 <sup>3</sup>	228 763 759 <sup>3</sup>	228 763 757 <sup>3</sup>
	200	12.37	8.20	440.41	37.31	7500	2.8	228 725 750 <sup>4</sup>	-	-
	200	12.28	8.47	440.41	37.31	7500	2.8	228 766 750 <sup>3</sup>	228 766 759 <sup>3</sup>	228 766 757 <sup>3</sup>
	-	6.17	2.94	26.27	5.48	7600	1.24	228 380 760	228 380 999	-
	-	6.47	2.94	49.08	8.27	7300	1.49	228 382 730	-	228 382 737
	-	12.74	3.59	4.29	2.14	5000	1.06	228 384 500	228 384 509	-
	-	6.04	4.24	67.56	11.56	6000	1.50	228 392 600	228 423 600	228 392 607
	-	5.06	2.79	5.64	1.95	6000	0.80	228 394 600	228 426 600	228 394 607
	-	4.19	2.75	4.39	1.57	6000	0.88	228 401 600	228 401 609	-
	-	2.82	1.93	2.35	1.07	5000	0.51	228 402 500	228 402 999	-
	-	4.00	2.62	4.26	1.67	6000	0.70	228 403 600	228 422 600	228 403 607
	-	5.56	3.63	9.65	2.98	6000	1.00	228 404 600	-	-
	-	15.42	4.21	15.42	4.21	6000	1.35	228 420 600	228 421 600	-
	-	4.33	2.69	7.25	2.30	6000	0.87	228 408 600	228 427 600	228 408 607

<sup>1</sup> silver anodised to E6EV1  
<sup>2</sup> powder coated, similar RAL 9010

<sup>3</sup> With designer cross grooves every 100 mm  
<sup>4</sup> Without designer cross grooves








<sup>5</sup> powder coated, similar RAL 9010 dull  
\* Profiles available from stock in lengths of 7500 mm

Continued on the next page

All technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

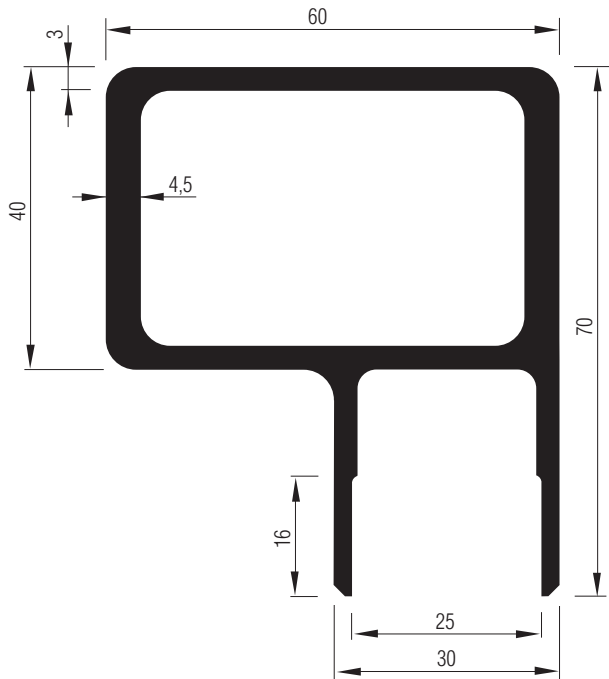
# Dropside Profiles System 25 no tie rods

Continued

Symbol	Nominal height	$I_x$	$W_x$	$I_y$	$W_y$	Mill length	Weight approx.	Article No.		
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]			[mm]	[kg/m]	mill finish
	-	4.33	2.66	7.90	2.59	6000	1.02	228 409 600	228 409 999	228 409 607
	-	18.45	4.61	5.79	3.63	6000	6.00	228 416 600	-	228 416 607
	-	4.75	2.99	4.38	1.66	6000	0.94	228 479 600	228 479 609	-
	-	6.48	3.63	9.90	2.92	6000	1.32	228 482 600	228 482 609	228 482 607
	-	5.44	3.49	14.56	3.87	6500	1.20	228 485 650	228 485 659	228 485 657
	-	20.2	4.54	9.03	5.92	6000	1.97	228 470 600	228 470 999	-
	-	10.23	6.13	25.77	5.46	6000	2.08	228 473 600	228 473 999	-

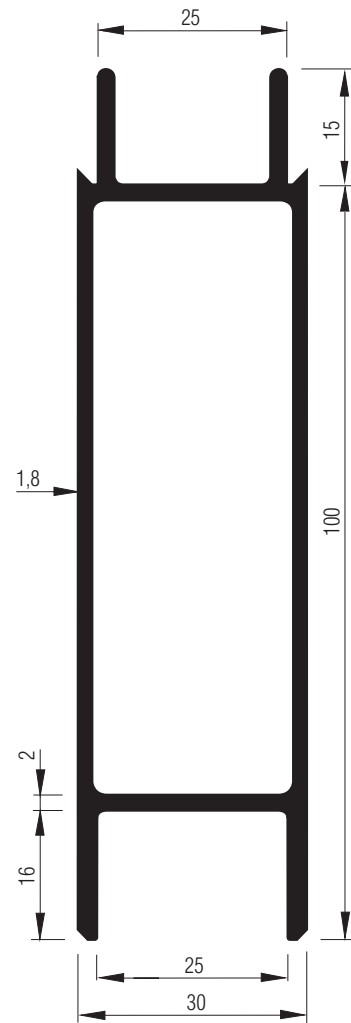
<sup>1</sup> silver anodised to E6EV1

## Dropside Profiles System 30 with tie rods



Article No. 228 604 730

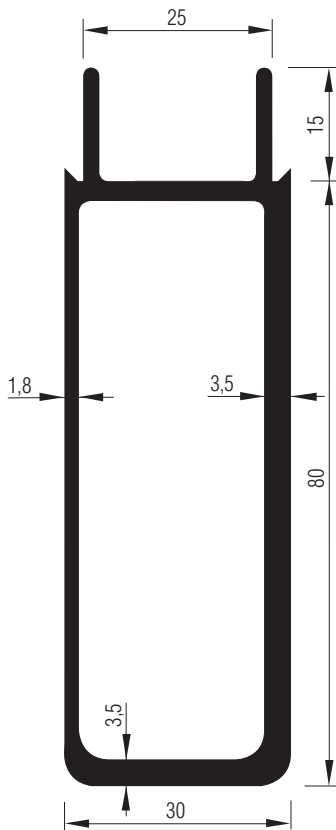
Length: 7300 mm



Article No. 228 606 730

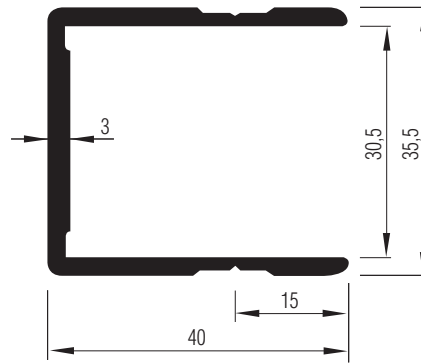
Length: 7300 mm

## Dropside Profiles System 30 with tie rods



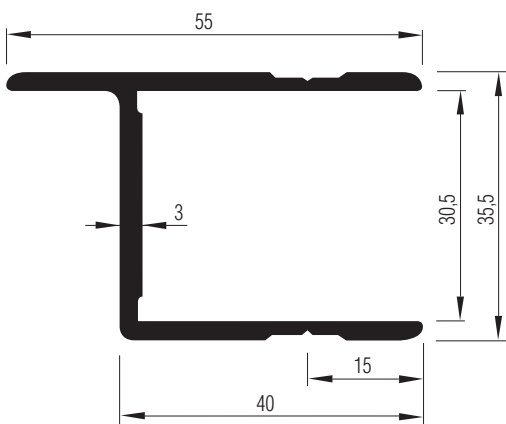
Article No. 228 615 730

Length: 7300 mm



Article No. 228 621 600






Length: 6000 mm



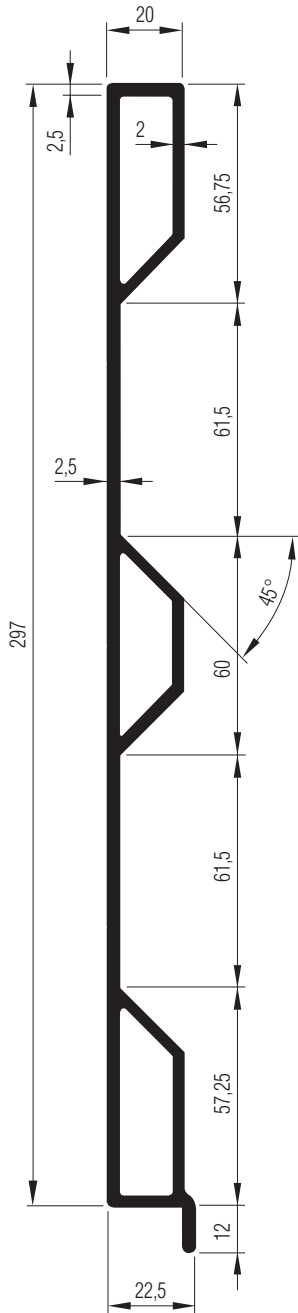
Article No. 228 623 600

Length: 6000 mm

## Dropside Profiles System 30 with tie rods

Symbol	Nominal height	$I_x$	$W_x$	$I_y$	$W_y$	Mill length	Weight approx.	Article No. mill finish
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[mm]	[kg/m]	
	70	41.20	12.50	32.50	7.60	7300	2.29	228 604 730
	100	9.00	6.00	70.80	12.00	7300	1.51	228 606 730
	80	8.90	5.10	56.40	10.80	7300	1.66	228 615 730
	-	7.30	4.10	5.00	2.10	6000	0.75	228 621 600
	-	8.50	4.30	6.60	2.40	6000	0.83	228 623 600

## Dropside Sections - 1-piece / 20 mm and 25 mm



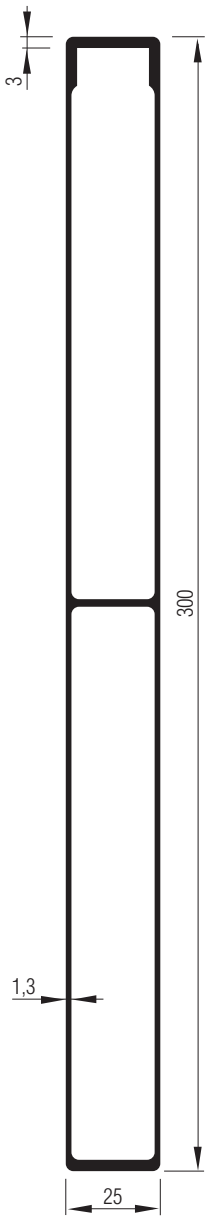
Article No. 228 801 730

Length: 7300 mm

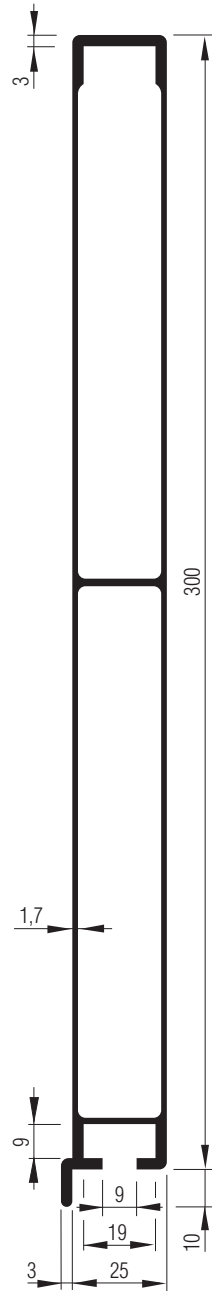
All technical specifications contained in this brochure are approximate and no guarantee is given as to their accuracy. Designs are subject to change.

Scale of drawings: 1 : 2

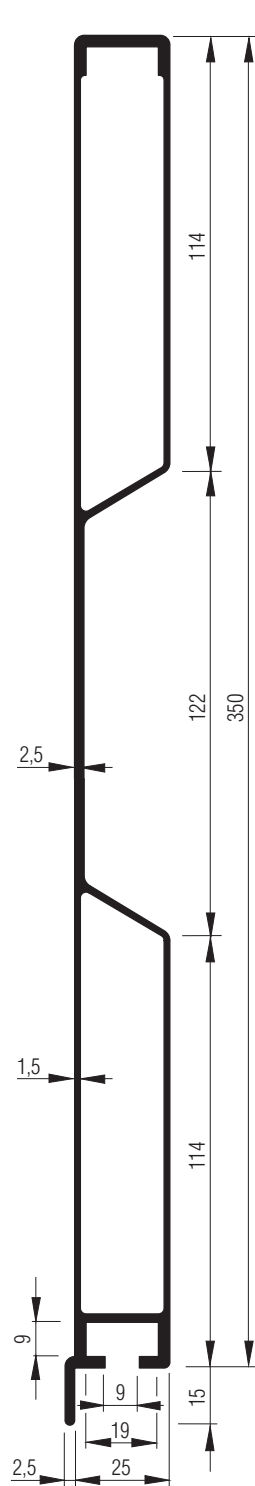
## Dropside Sections - 1-piece / 20 mm and 25 mm



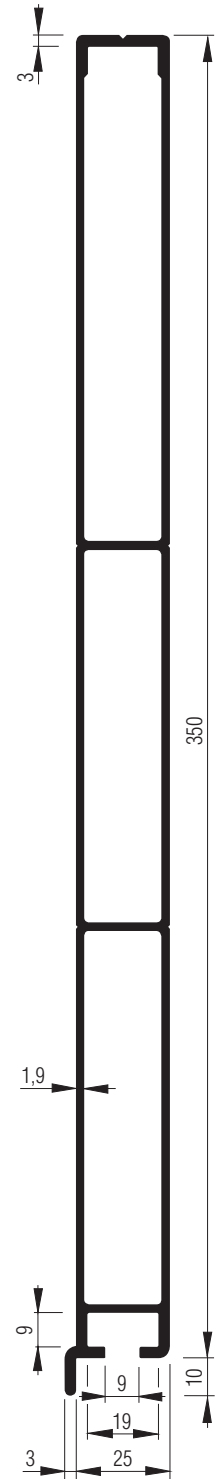
Article No. 228 804 730  
mill finish  
Length: 7300 mm



Article No. 228 808 730  
mill finish  
Length: 7300 mm



Article No. 228 812 730  
mill finish  
Length: 7300 mm



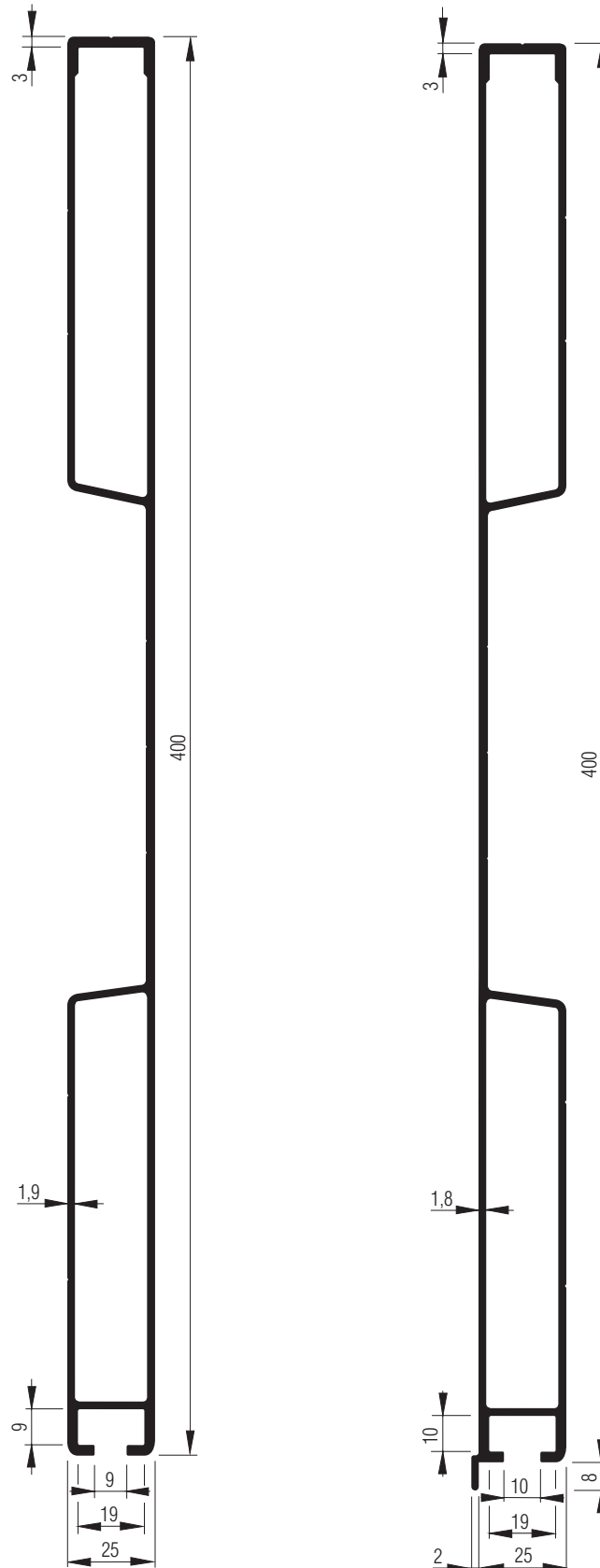
Article No. 228 810 730  
mill finish  
Length: 7300 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.04.01.5).

Scale of drawings: 1 : 2



## Dropside Sections - 1-piece / 20 mm and 25 mm



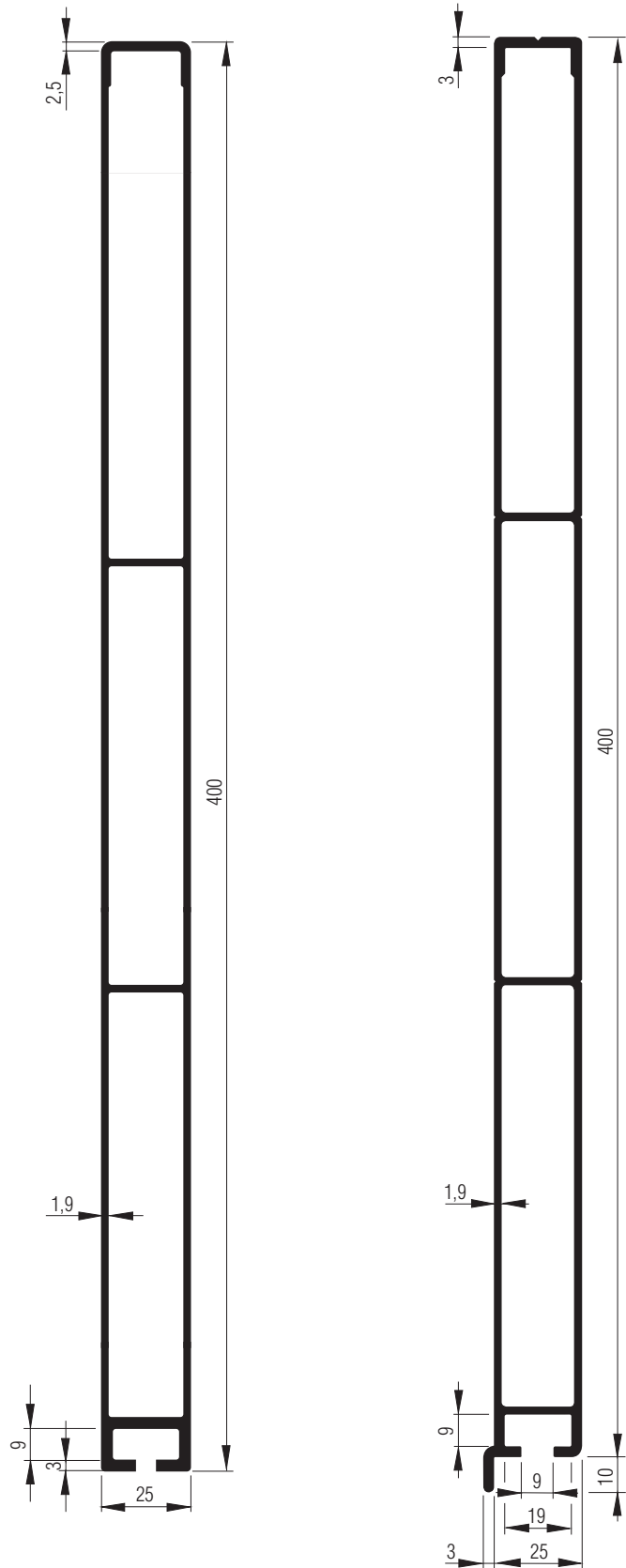
(Left)  
**Article No. 228 815 730**  
 mill finish  
**Length: 7300 mm**

(Right)  
**Article No. 228 817 730**  
 mill finish  
**Length: 7300 mm**

Dropside profiles also available  
 anodized and undercoated  
 (see page 22.04.01.5).

Scale of drawings: 1 : 2

## Dropside Sections - 1-piece / 20 mm and 25 mm




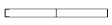
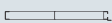



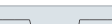
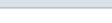
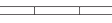
(Left)  
Article No. 228 822 730  
mill finish  
Length: 7300 mm

(Right)  
Article No. 228 820 620  
mill finish  
Length: 6200 mm  
Article No. 228 820 730  
mill finish  
Length: 7300 mm

Dropside profiles also available  
anodized and undercoated  
(see page 22.04.01.5).

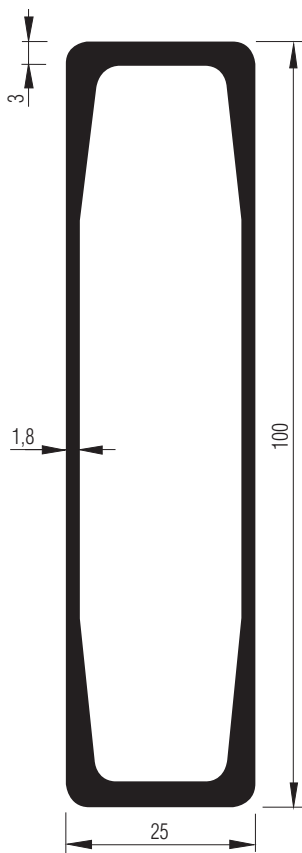
Scale of drawings: 1 : 1

## Dropside Sections - 1-piece / 20 mm and 25 mm

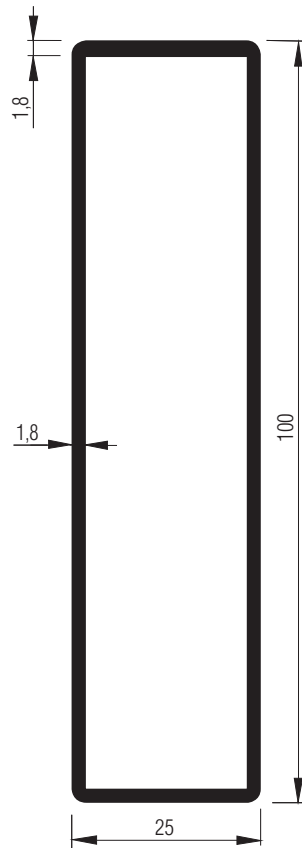
Symbol	Nominal height	$I_x$	$W_x$	$I_y$	$W_y$	Mill length	Weight approx.	Article No.	Aluminium anodized <sup>1</sup>
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[mm]	[kg/m]	mill finish	
	297	7.35229	3.6282	1241.69	79.6979	7300	3.72	228 801 730	-
	300	14.81	11.85	1101.40	71.97	7300	3.77	228 804 730	228 807 730
	300	15.89	10.63	1245.49	60.30	7300	3.42	228 808 730	228 809 730
	350	-	-	-	-	7300	3.77	228 812 730	228 813 730
	350	19.12	12.60	1986.50	108.03	7300	4.56	228 810 730	228 811 730
	400	17.13	11.33	2576.13	127.95	7300	4.18	228 815 730	228 816 730
	400	17.46	11.41	2674.86	130.80	7300	4.31	228 817 730	228 818 730
	400	21.55	14.17	2861.23	136.65	6200	4.52	228 820 620	228 821 620
						7300		228 820 730	228 821 730
	400	20.70	16.60	2676.80	128.90	7300	4.96	228 822 730	228 823 730

<sup>1</sup> silver anodised to E6EV 1

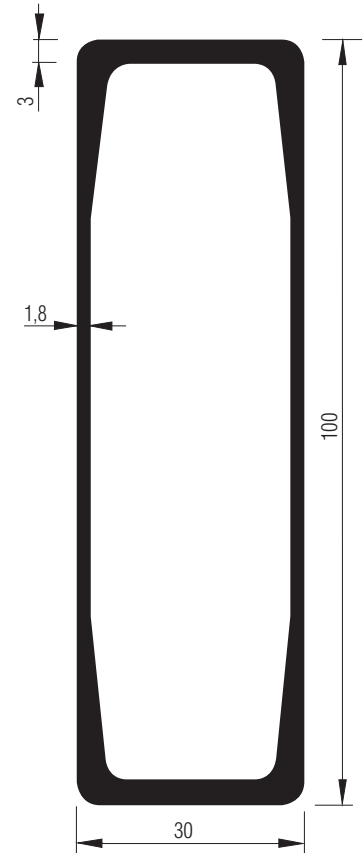
## Dropside Sections - 1-piece / 20 mm and 25 mm



Article No. 228 405 510  
 Length: 5100 mm  
 Article No. 228 405 620  
 Length: 6200 mm  
 Article No. 228 405 730  
 Length: 7300 mm



Article No. 228 407 510  
 Length: 5100 mm  
 Article No. 228 407 620  
 Length: 6200 mm  
 Article No. 228 407 730  
 Length: 7300 mm



Article No. 228 630 730  
 Length: 7300 mm

Symbol	Nominal height	$I_x$	$W_x$	$I_y$	$W_y$	Mill length	Weight	Article No. Aluminium mill finish
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[mm]	approx. [kg/m]	
	100	6.28	5.03	75.10	15.01	5100	1.54	228 405 510
						6200		228 405 620
						7300		228 405 730
	100	5.22	4.17	48.96	9.79	5100	1.17	228 407 510
						6200		228 407 620
						7300		228 407 730
	100	9.58	6.39	82.52	16.49	7300	1.64	228 630 730

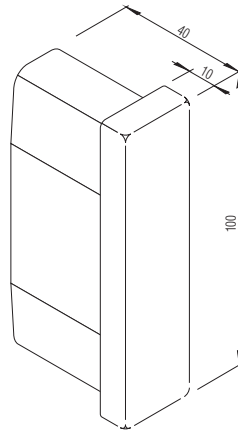
Scale of drawings: 1 : 1

## Battens and Accessories for tilts

### End Plug for Battens

To seal all Article No. 228 405 battens and profiles made of 25 mm thick aluminium dropside profile systems.

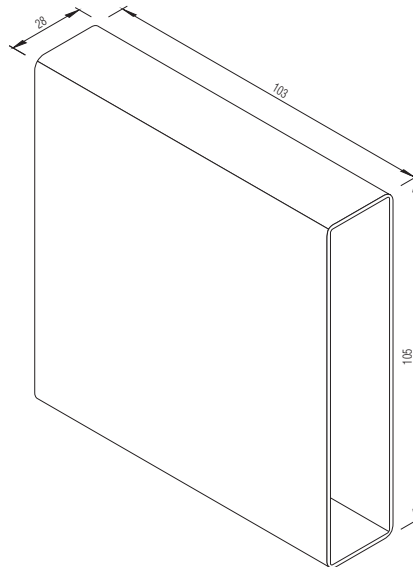
**Material:** Polyurethane  
black  
**Weight:** approx. 0.080 kg/piece  
**Article No.** 233 342 - short



### Slip-on Butt

To seal all battens in 25 mm thick dropside systems

**Material:** PVC rigid,  
grey  
**Weight:** approx. 0.050 kg/piece  
**Article No.** 233 341

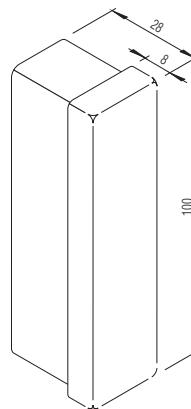


### End Plug for battens

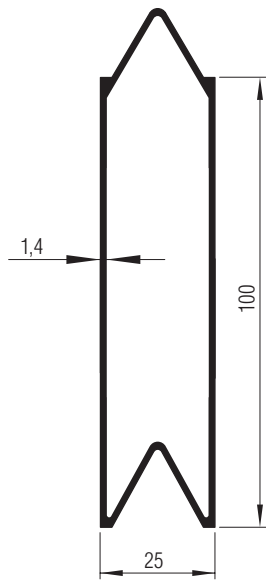
To seal profile Article-No. 228 407

**Material:** Polyurethane  
black  
**Weight:** approx. 0.045 kg/piece  
**Article No.** 233 344

**Alternativ:**  
**Material:** Polyurethane,  
black  
**Weight:** approx. 0.13 kg/piece  
**Article No.** 233 345



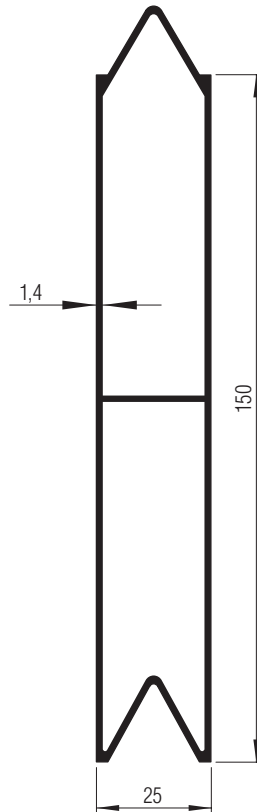
## Battens and Accessories for tilts



### Pyramid section 25 / 100

For cargo control and curtain protection

Material: EN AW 6060 T66  
Article No.: 228 391 750



### Pyramid section 25 / 150

For cargo control and curtain protection

Material: EN AW 6060 T66  
Article No.: 228 396 670  
Article No.: 228 396 750

Symbol	Nominal height	$I_x$	$W_x$	$I_y$	$W_y$	Mill length	Weight approx.	Article No.	Aluminium anodized <sup>1</sup>
	[mm]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[cm <sup>4</sup> ]	[cm <sup>3</sup> ]	[mm]	[kg/m]	mill finish	
	100	5.25	4.20	59.3	9.97	7500	1.08	228 391 750	-
	150	6.51	5.21	145.0	16.50	6700	1.55	228 396 670	-
						7500		228 396 750	-

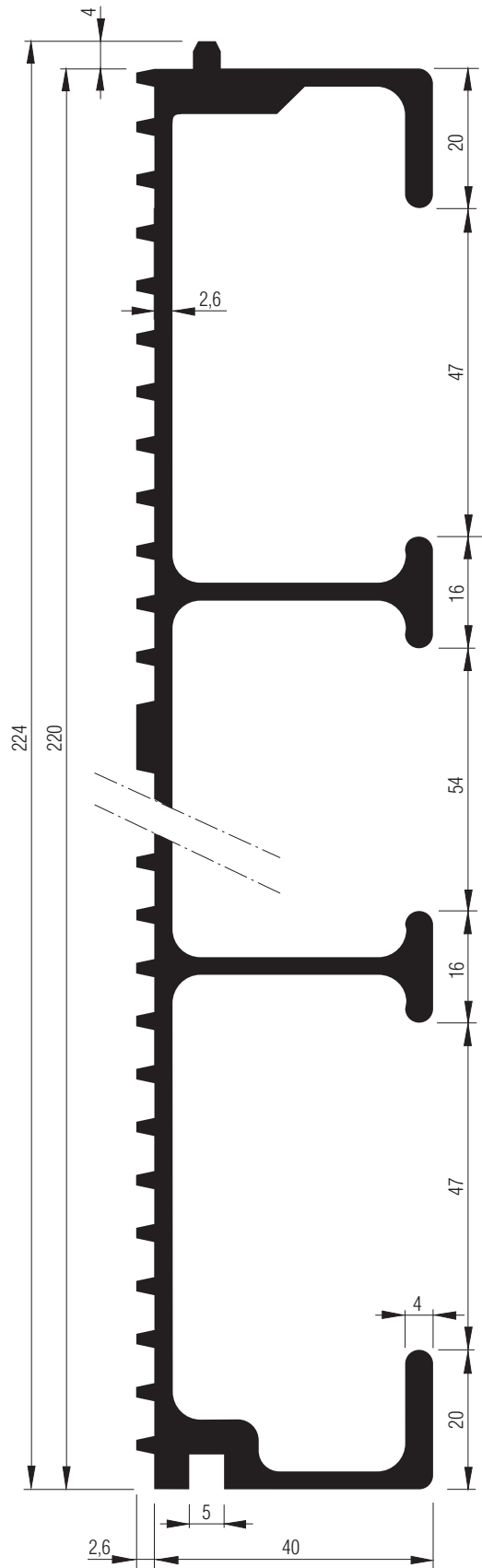
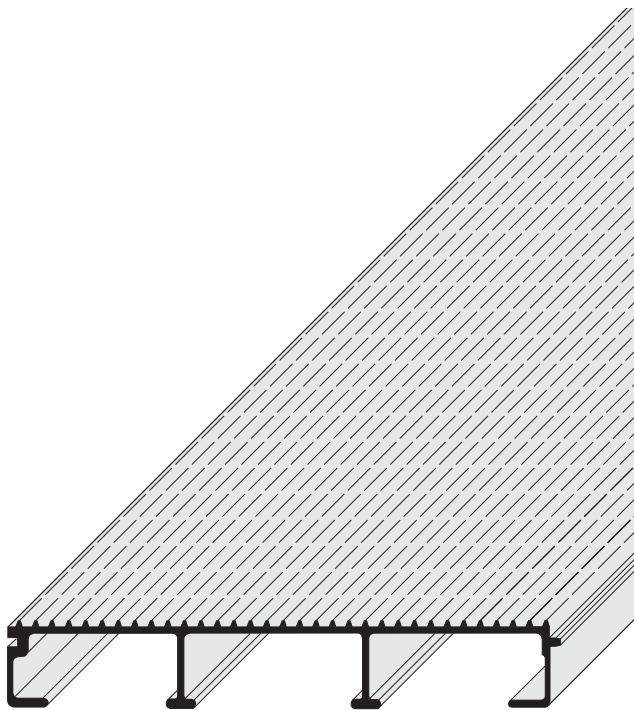
<sup>1</sup> silver anodised to E6EV 1

# Aluminium Base Profile for vehicle superstructures

## Aluminium Floor Profile

Raised longitudinal ribs on the upper side of the profile with rolled cross grooves. Suitable for hand-lift trucks of up to approx. 1000 kg weight in total with max. chassis width of 850 mm.

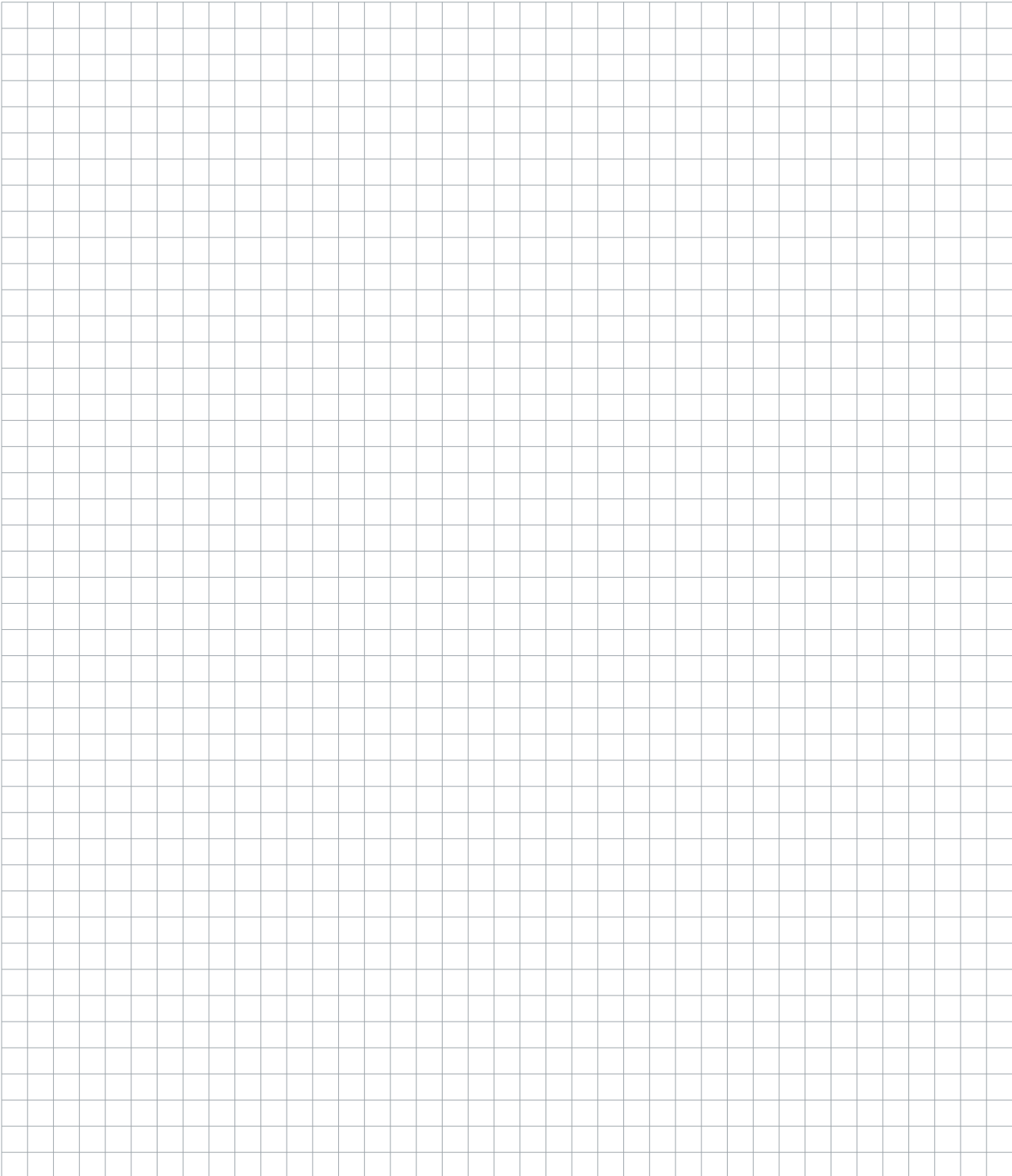
Length:	7500 mm
Weight:	approx. 4.200 kg/m
$I_x$ :	33.92 cm <sup>4</sup>
$W_x$ :	12.67 cm <sup>3</sup>
$I_y$ :	807.6 cm <sup>4</sup>
$W_y$ :	69.71 cm <sup>3</sup>
Article-No.:	224 040 750 - mill length





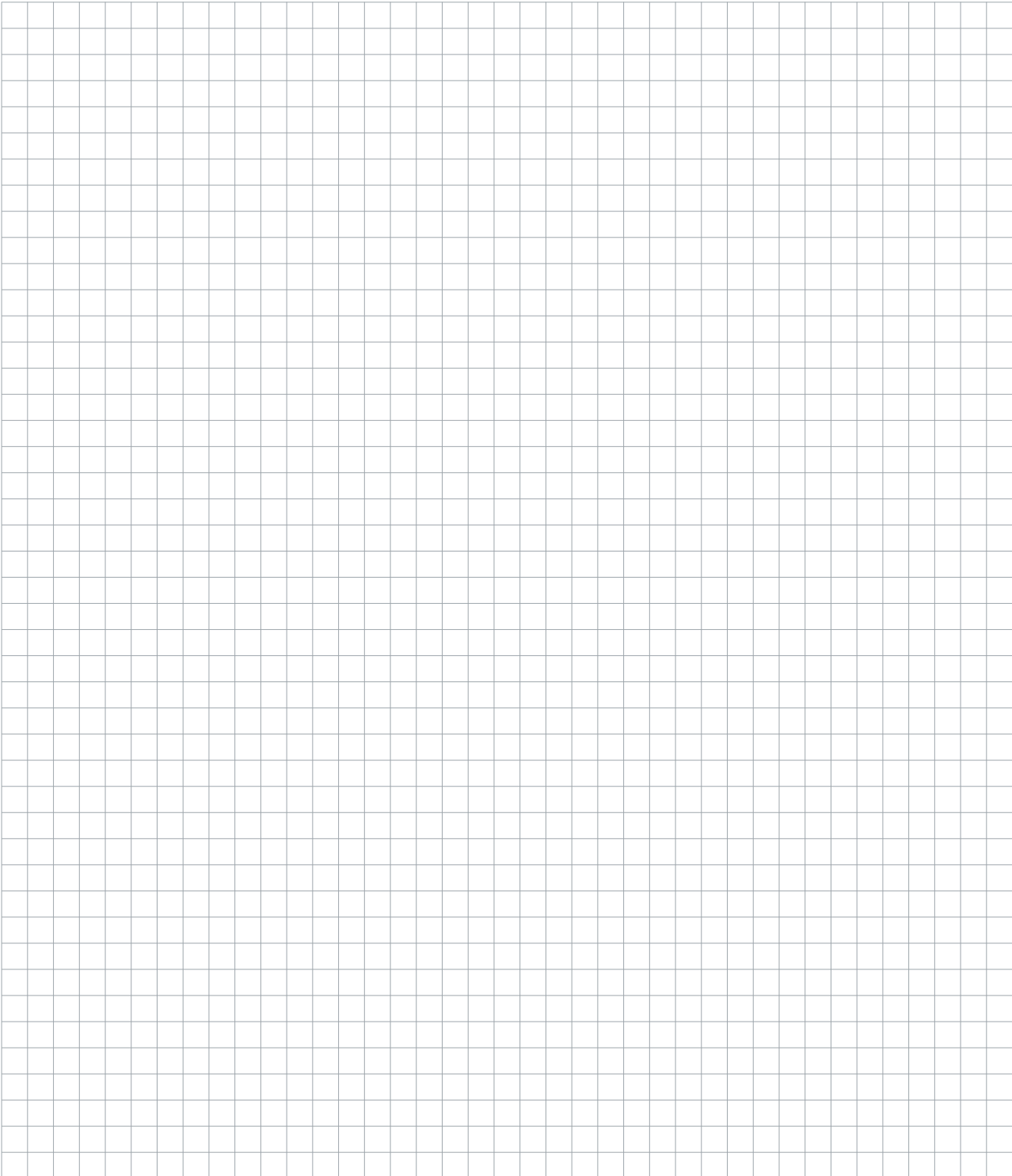


# Notes



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