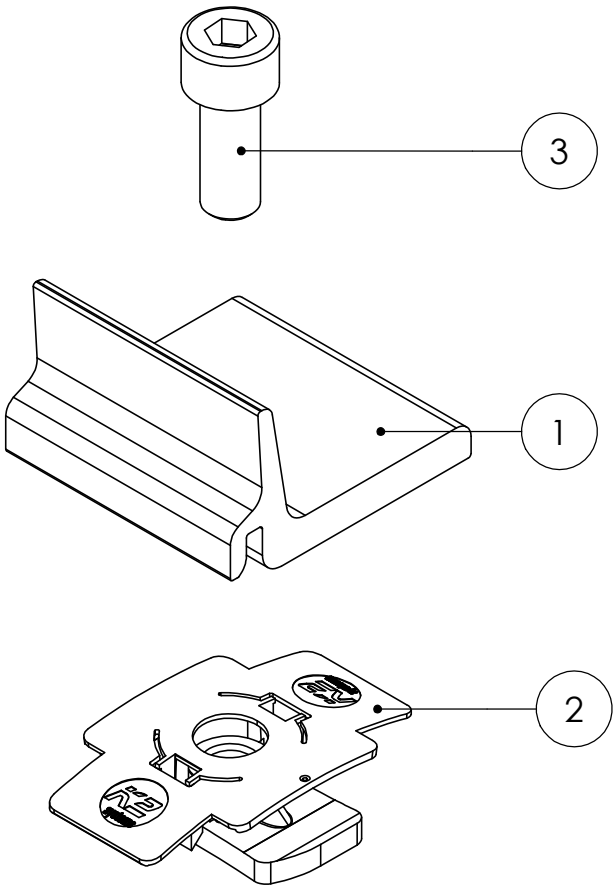

Pos.No.	Designation	Material	Quantity
1	Climber 36/50 Solo round-hole	EN AW 6063 T66	1
2	MK2	TPC/ 1.4301	1
3	Socket head bolt serrated - ISO 4762 - M8x20	A2-70	1

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Haldenstr. 1
71272 Renningen
Germany
+49 7159 42059-0

Designation:

Data sheet SingleRail Climber 36/50 Set

	Name	Date	Material:	Item no.:	
Designed	A. Gerstenberger	21.04.2020	see table	2003145	A4
Approved	A. Soumpalas	03.09.2025	Surface: -	Drawing no.: 04-039-03	All dimensions in mm
Last change	A. Gerstenberger	03.09.2025	Weight: ca. 70.6 g/pc	Scale: 1:1	Sheet 1 of 1

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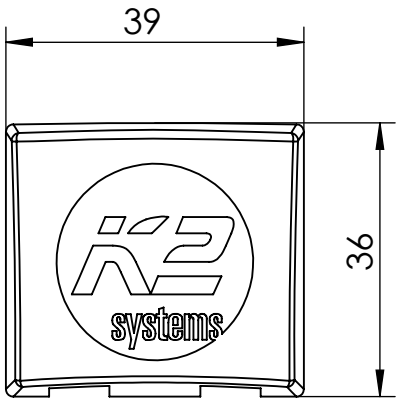
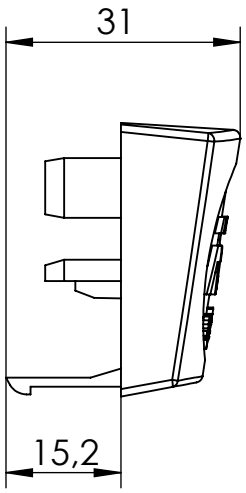
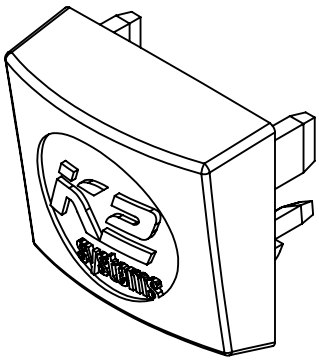




Isometric



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Haldenstr. 1
71272 Renningen
Germany
+49 7159 42059-0

Designation:

Data sheet SingleRail 36 EndCap

	Name	Date	Material:	Item no.:	
Designed	M. Preiß	31.01.2025	PA Typ 6	1004767	A4
Approved	A. Soumpalas	09.09.2025	Surface: Surface eroded VDI3400 Ref.No. 35	Drawing no.: 04-067-05	All dimensions in mm
Last change	C. Niedermaier	09.09.2025	Weight: ca. 8.4 g/pc Scale: 1:1		Sheet 1 of 1

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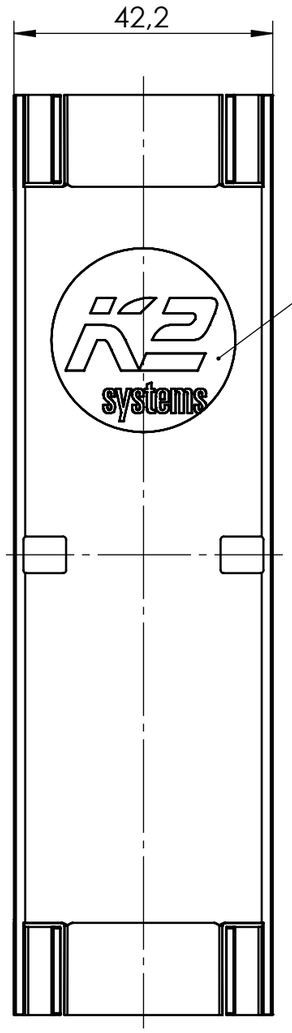
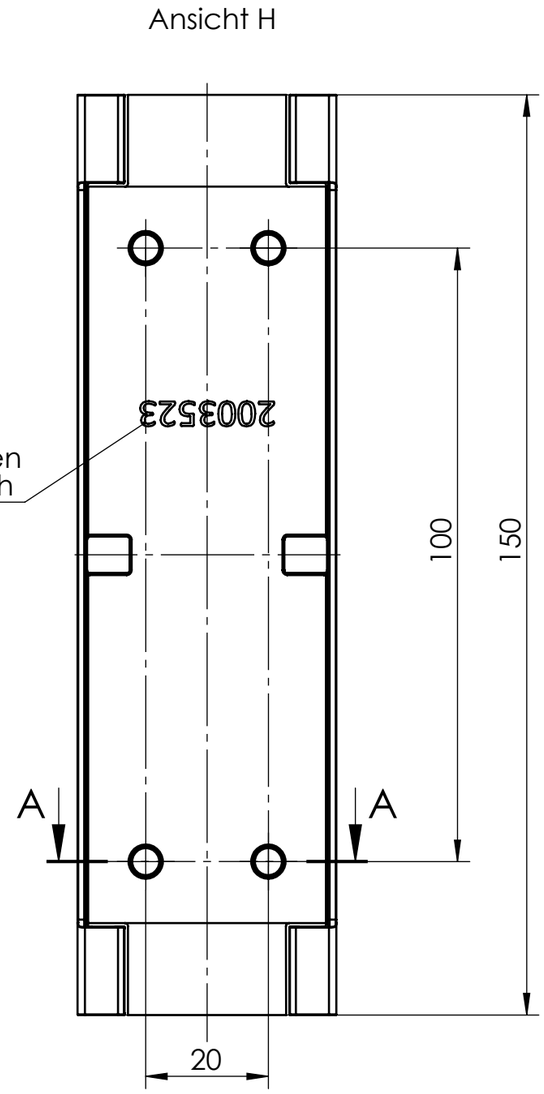
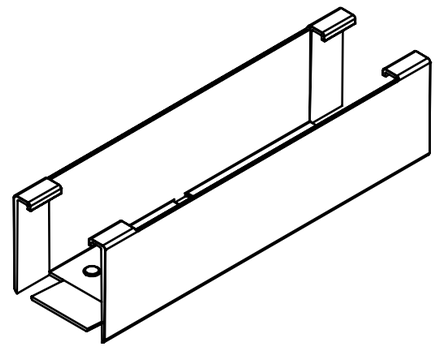
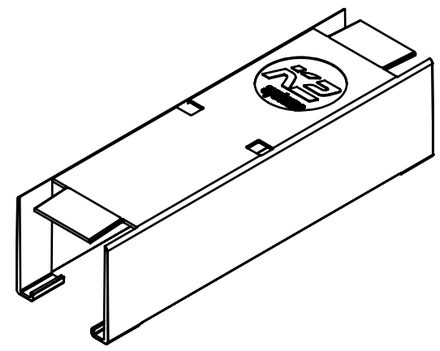
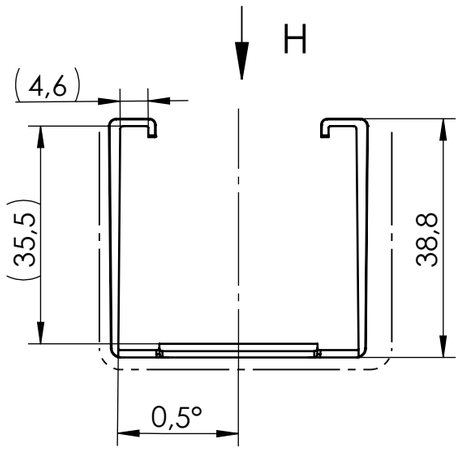




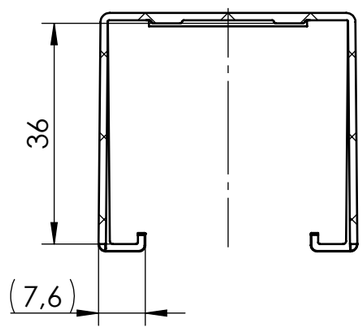


Isometrie
1 : 2





Schnitt A-A



:Sichtbare Oberfläche

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Industriestr. 18
71272 Renningen
Germany
+49 7159 42059-0

Designation:
Data sheet Black Cover SingleRail 36

	Name	Date	Material:	Item no.:	
Designed	E. Markou	28.11.2022	PA6 GK30	2003523	A3
Approved	K. Mahboobi	18.07.2023	Surface: Surface erodied VDI3400 Ref.No.:36	Drawing no.: 04-059-01	All dimensions in mm
Last change	E. Markou	07.07.2023	Weight: ca. 28.7 g/pc Scale: 1:1		Sheet 1 of 1

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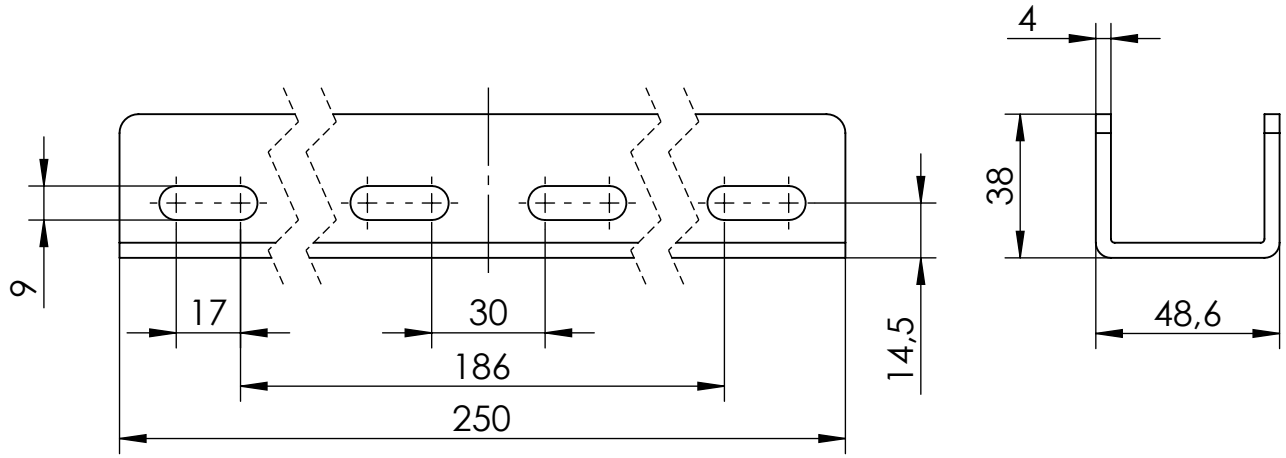
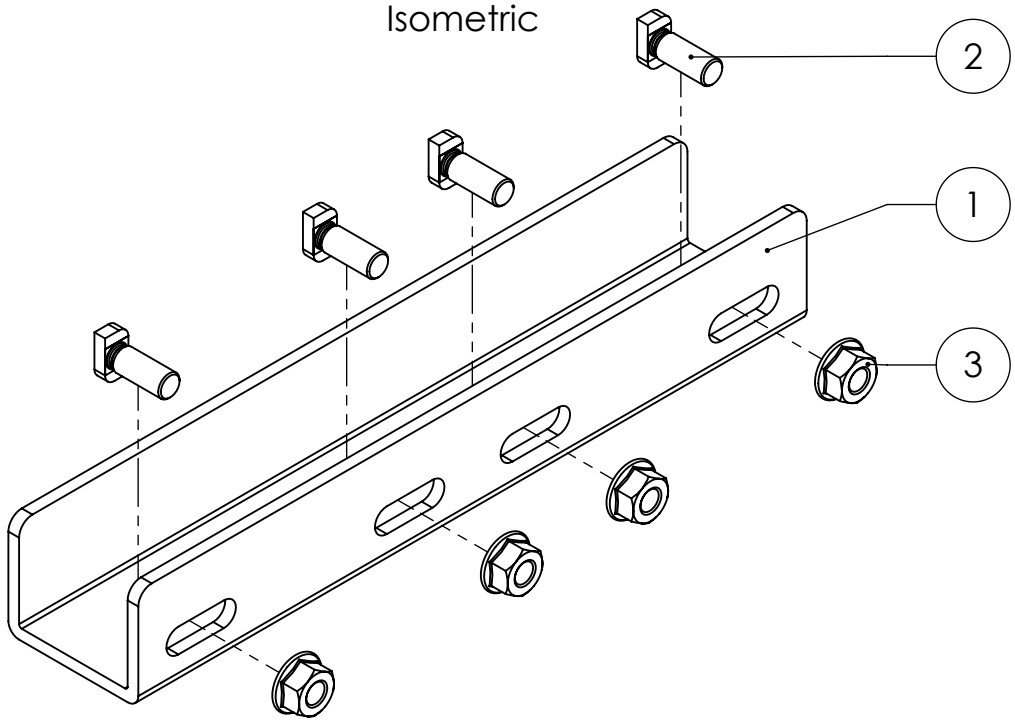
View without connecting elements



Isometric



The components are not pre-assembled

Pos.No.	Designation	Material	Quantity
1	SingleRail 36 RailConnector	EN AW 6063 T66	1
2	T-Bolt 20/12 M8x20	1.4301 (X5CrNi18-10)	4
3	Hexagon flange nut serrated- ISO 4161 - M8	A2-70	4

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71272 Renningen
Germany
+49 7159 42059-0

Designation:

Data sheet SingleRail 36 RailConnector Set

	Name	Date	Material:	Item no.:	
Designed	A. Gerstenberger	05.05.2020	see table	2001976	A4
Approved	M. Schuler	17.06.2025	Surface: -	Drawing no.: 01-094-01	All dimensions in mm
Last change	S. Frey	17.06.2025	Weight: ca. 379.9 g/pc Scale: 1:2		Sheet 1 of 1

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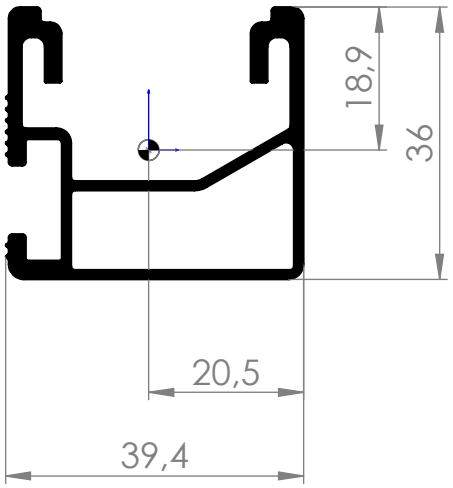

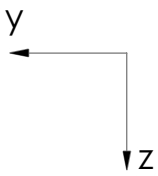

Rechenwerte:

$A = 2{,}85\ cm^2$

$I_y = 4{,}02\ cm^4$

$I_z = 6{,}37\ cm^4$

$W_y = 2{,}14\ cm^3$

$W_z = 3{,}09\ cm^3$

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Industriestr. 18
71272 Renningen
Deutschland
+49 7159 42059-0

Benennung: Datenblatt SingleRail 36 per meter

	Name	Datum	Material:	Art.-Nr.:	A4
Erstellt	M. Wiggers	08.01.2015	EN AW 6063 T66	2002289	
Freigegeben	A. Soumpalas	20.06.2023	Oberfläche: pressblank	Zng.-Nr.: 01-191-14	Alle Maße in mm
Letzte Änd.	E. Markou	20.06.2023	Gewicht: ca. 769.53 g/m	Maßstab: 1:1	Blatt 1 von 1

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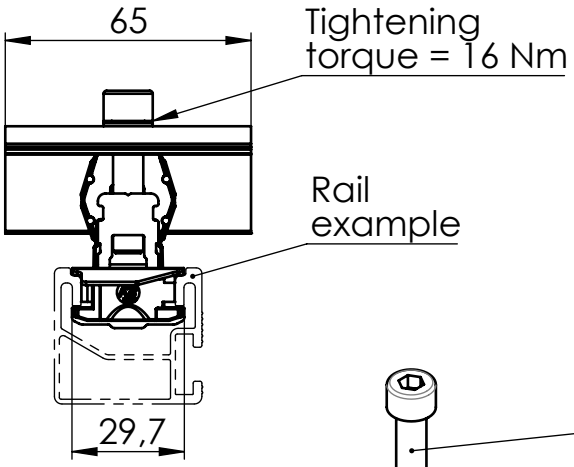
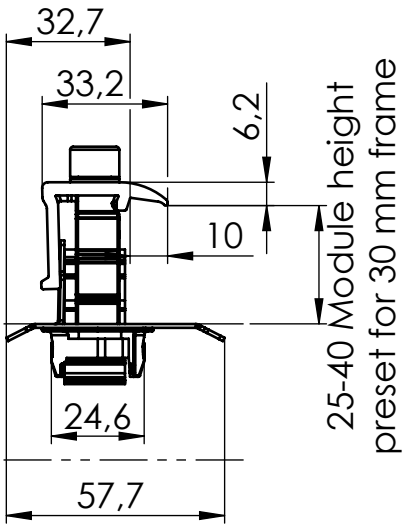
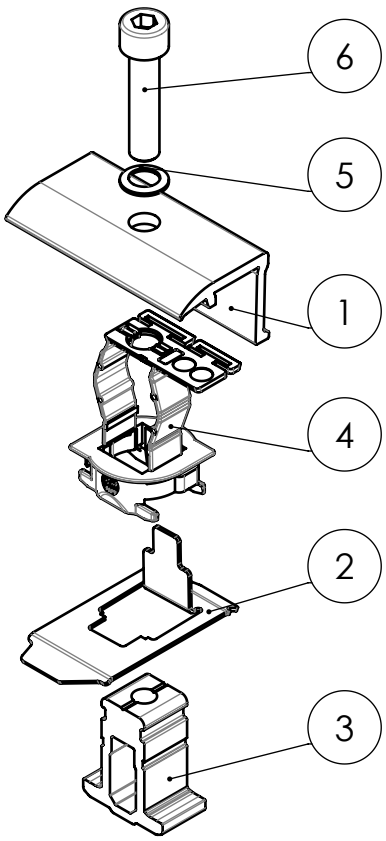
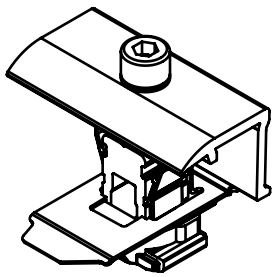






Isometric



Pos.No.	Designation	Material	Quantity
1	K2 Clamp EC 25-40 Solo black	EN AW 6063 T66	1
2	K2 Clamp EC Support plate	1.4301 (X5CrNi18-10)	1
3	K2 Clamp EC 25-37 Stance Solo	EN AW 6063 T66	1
4	Plastic Connector OneEnd 25-40	Thermoplastic	1
5	Socket head bolt serrated - sim. ISO 4762 - M8x35	A2-70	1
6	Locking washer - M8	A2	1

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Haldenstr. 1
71272 Renningen
Germany
+49 7159 42059-0

Designation:

Data sheet K2 Clamp EC 25-40 Black

	Name	Date	Material:	Item no.:	
Designed	S. Frey	11.03.2024	see table	2004545	A4
Approved	V. Schütz	22.05.2025	Surface: -	Drawing no.: 03-445-02	All dimensions in mm
Last change	A. Soumpalas	22.05.2025	Weight: ca. 90 g/pc	Scale: 1:2	Sheet 1 of 1

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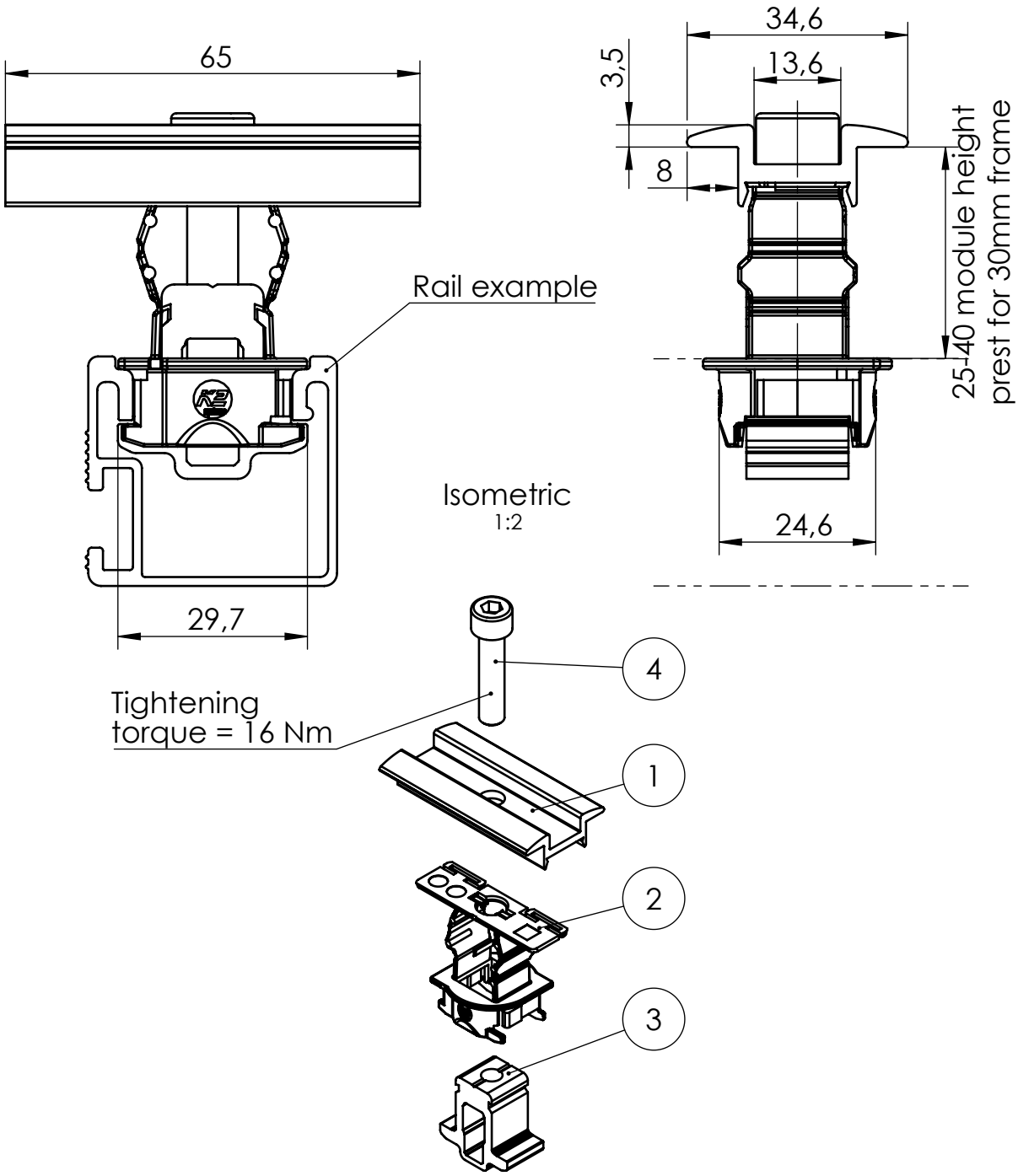

Pos.No.	Designation	Material	Quantity
1	K2 Clamp MC 25-40 Solo Black	EN AW 6063 T66	1
2	K2 Clamp MC 25-40 Plastic Connector	Thermoplastic	1
3	K2 Clamp MC 25-40 Stance Solo	EN AW 6063 T66	1
4	Socket Head Bolt serrated - sim. ISO 4762 - M8x35	A2-70	1

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71272 Renningen
Germany
+49 7159 42059-0

Designation:

Data sheet
K2 Clamp MC 25-40 Black

	Name	Date	Material:	Item no.:	
Designed	A. Gerstenberger	02.02.2022	see table	2004148	A4
Approved	V. Schütz	23.05.2025	Surface: -	Drawing no.: 03-215-06	All dimensions in mm
Last change	A. Soumpalas	22.05.2025	Weight: ca. 65 g/pc Scale: 1:1		Sheet 1 of 1

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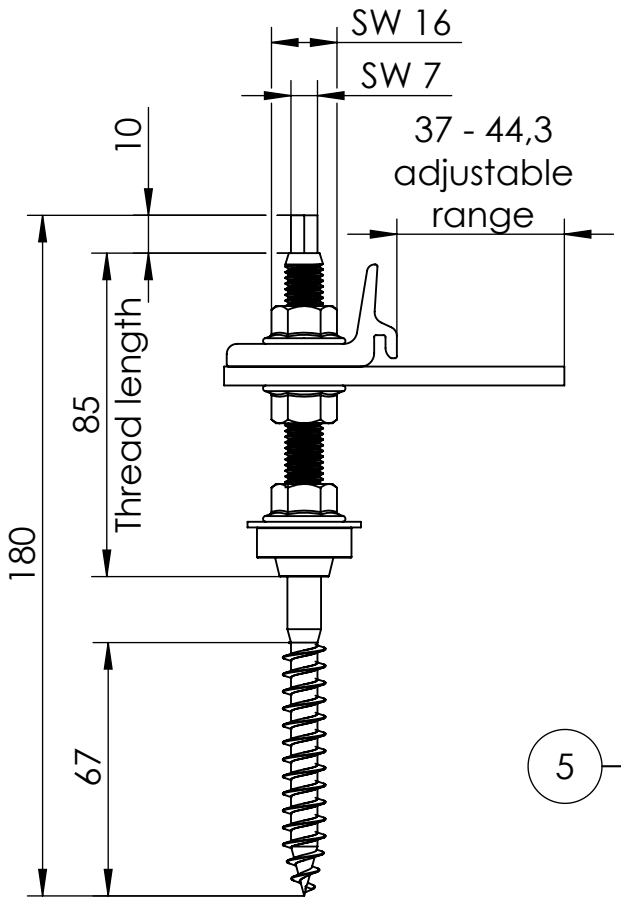
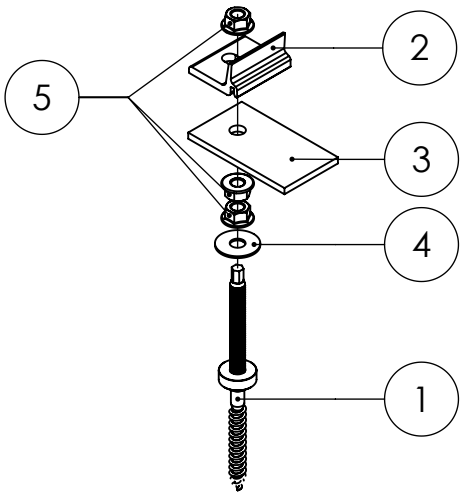


Isometric
1:5



Pos.No.	Designation	Material	Quantity
1	HangerBolt Solo M10x180 + EPDM	A2/ EPDM	1
2	Climber 36/50 M10	EN AW 6063 T66	1
3	Adapter plate M10 HangerBolt Climber	Aluminium	1
4	Washer 10,5x30x1,5	A2	1
5	Hexagon flange nut serrated - ISO 4161 - M10	A2-70	3

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Haldenstr. 1
71272 Renningen
Germany
+49 7159 42059-0

Designation:

Data sheet SingleRail Climber HangerBolt M10x180

	Name	Date	Material:	Item no.:	
Designed	Gerstenberger	03.06.2020	see table	2003272	A4
Approved	M. Schuler	20.05.2025	Surface: -	Drawing no.: 02-272-02	All dimensions in mm
Last change	S. Frey	20.05.2025	Weight: ca. 231.8 g/pc Scale: 1:2		Sheet 1 of 1

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