



Added visual and functional value

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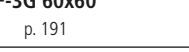
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Functional profile overview

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Frame profiles Sizes

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40	 KL 40x40-2 p. 200	 KLD 40x40 p. 201	 KLE 40x40 p. 201	 KLW 40x15 p. 202	 KLW 40x30 p. 202	 KLW 40x45 p. 203	 KLW 40x60 p. 203	 KLW 40x90 p. 204	 ESP 40 p. 204	 ESP 40/2 p. 205	 STP 40 p. 211	

Special profiles Sizes

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20 M-BLOCAN®

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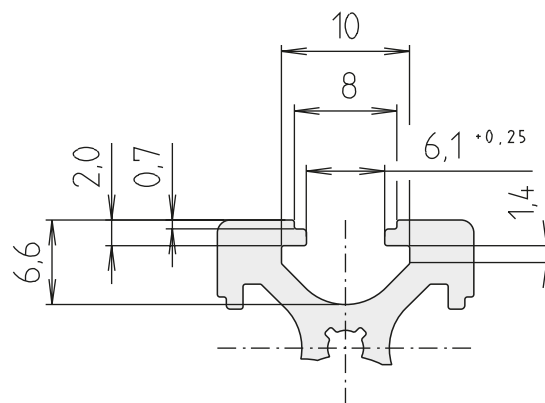
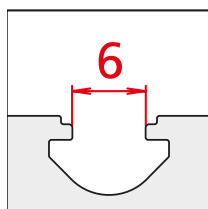
40	 2x40 p. 211	 3x40 p. 211	 8x40 p. 211
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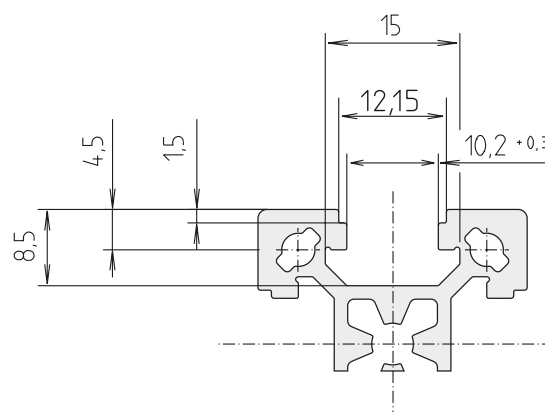
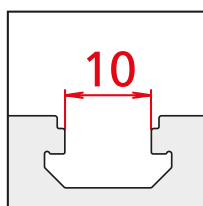
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Slot geometry

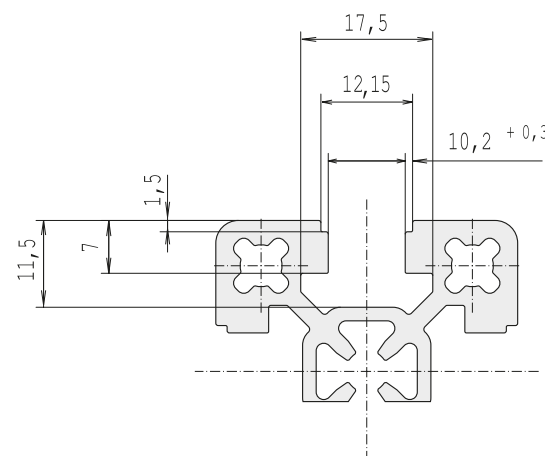
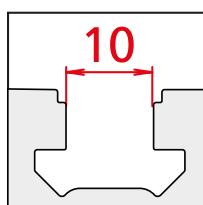
- 20 slot geometry
- For use with all size 20 profiles



- 30 slot geometry
- For all profiles up to size 30



- 40 slot geometry
- This geometry is found with all profiles as of size 40



Load data

Moment of inertia: I [cm⁴]

Moment of resistance: w [cm³]

Profile	Area	I_x [cm ⁴]	I_y [cm ⁴]	W_x [cm ³]	W_y [cm ³]	Weight	Page
Visible profiles							
F-G 30x30	318	3.2	3.2	2.1	2.1	858	176
F-GG 30x30	317	3.2	3.2	2.1	2.1	858	176
F-2G 30x30	335	3.2	3.6	2.2	2.4	905	177
F-3G 30x30	335	3.5	3.6	2.2	2.4	932	177
F-R 30	271	2.1	2.1	1.2	1.2	730	179
F-G 40x40	636	9.7	9.8	4.8	4.9	1718	180
F-GG 40x40	611	10.1	10.1	4.8	4.8	1651	180
F-2G 40x40	543	9.3	9.4	4.6	4.7	1466	181
F-3G 40x40	539	9.7	9.8	4.8	4.9	1455	181
F-G 40x80	1220	20.9	82.3	10.4	20.6	3295	182
F-GG 40x80	1323	22.0	87.9	10.7	22.0	3565	182
G-40x40	696	10.5	10.5	5.2	5.2	1877	183
G-40x80	1145	18.7	78.5	9.3	19.6	3106	183
W 40-30	619	10.0	10.0	3.7	4.2	1674	184
W 40-45	620	9.7	9.8	3.4	4.2	1675	184
W 40-60	671	11.2	12.8	4.2	4.6	1812	185
W 40-90	797	22.0	22.0	7.4	7.4	2153	185
F-G 50x50	832	21.6	22.2	8.6	8.9	2247	186
F-GG 50x50	815	21.5	22.1	8.4	8.7	2200	186
F-2G 50x50	779	20.6	21.8	8.3	8.7	2103	187
F-3G 50x50	791	20.7	22.6	9.0	9.1	2137	187
SP-50x50	753	20.8	20.7	8.2	8.3	2033	188
F-G 60x60	1020	37.9	39.5	12.6	12.7	2757	190
F-GG 60x60	1001	38.1	39.0	12.5	12.8	2701	190
F-2G 60x60	956	36.2	39.1	12.1	13.0	2585	191
F-3G 60x60	981	36.5	41.2	11.9	13.7	2649	191
F-G 80x80	1710	135.5	139.3	34.8	33.0	4557	192
F-GG 80x80	1686			34.1	34.1	4497	192
F-2G 80x80	1656	133.4	140.1	33.3	35.0	4471	193
F-3G 80x120A	2896	213.3	467.8	52.8	77.9	7818	193

Technical data functional profiles

Load data

Moment of inertia: I [cm⁴]

Moment of resistance: w [cm³]

Profile	Area	I_x [cm ⁴]	I_y [cm ⁴]	W_x [cm ³]	W_y [cm ³]	Weight	Page
Frame profiles							
KL 30x30-2	293	2.3	2.7	1.5	1.8	917	194
KLD 30x30	348	3.1	2.7	1.8	2.2	1188	194
KLE 30x30	348	3.0	3.0	2.0	2.0	1179	195
KLW 30-15	405	3.3	2.5	1.4	1.9	853	195
KLW 30-30	641	9.7	7.4	3.1	4.4	852	196
KLW 30-45	405	3.3	2.4	1.2	1.8	845	196
KLW 30-60	357	3.3	3.5	1.7	1.5	966	197
KLW 30-90	640	9.7	7.2	2.7	4.1	1051	197
ESP 30x30	275	2.3	2.8	1.4	1.8	742	198
ESP 40x40/2	457	6.3	7.7	3.0	3.6	1234	205
ESP 30x30/2 (40)	295	2.3	2.9	1.5	1.9	798	199
ESPD 30x40 (40)	370	3.8	5.2	1.9	3.5	1000	199
STP 30	536	5.2	22.8	6.1	3.7	1448	200
KL 40x40-2	508	7.0	8.3	3.5	4.1	1596	200
KLD 40x40	612	10.0	8.3	4.1	5.5	1975	201
KLE 40x40	590	9.3	9.3	4.6	4.6	1914	201
KLW 40-15	402	3.1	2.4	1.1	1.7	1408	202
KLW 40-30	654	9.6	7.3	2.6	3.9	1406	202
KLW 40-45	478	5.3	5.3	2.4	2.4	1764	203
KLW 40-60	572	9.6	10.7	3.8	3.3	1545	203
KLW 40-90	774	17.3	17.3	5.8	5.8	1767	204
ESP 40x40	405	6.1	7.3	2.7	3.5	1095	204
ESP 40x40/2	457	6.3	7.7	3.0	3.6	1234	205
STP 40	815	12.5	46.5	9.7	6.1	2199	205

Load data

Moment of inertia: I [cm⁴]

Moment of resistance: w [cm³]

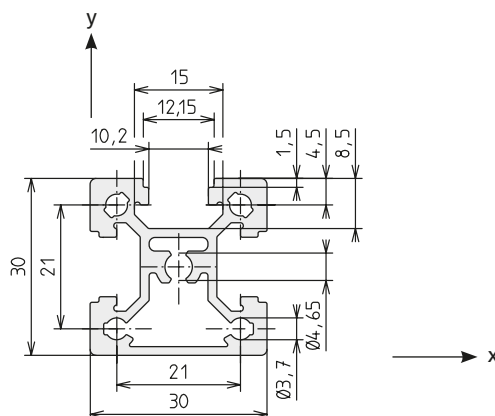
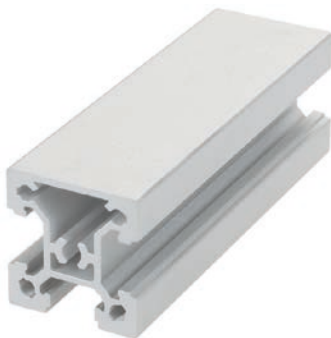
Profile	Area	I_x [cm ⁴]	I_y [cm ⁴]	W_x [cm ³]	W_y [cm ³]	Weight	Page
Special profiles							
15x40	421	0.8	6.6	1.3	3.3	1137	206
15x60	619	1.2	21.0	1.9	7.0	1670	206
15x80	823	1.7	47.8	2.5	11.9	2220	206
15x120	1213	2.4	154.9	3.6	25.8	3270	207
15x160	1602	3.1	359.0	4.8	44.9	4320	207
F-20x20	198	0.8	0.8	0.8	0.8	533	208
F-20x40	313	1.3	5.4	1.3	2.7	846	208
F-R 20	155	0.5	0.5	0.6	0.5	416	208
F-G 20	182	0.7	0.8	0.8	0.7	491	209
F-GG 20	167	0.7	0.7	0.7	0.7	450	209
KL-20	183	0.7	0.7	0.8	0.8	493	210
KLD-20	186	0.7	0.7	0.7	0.8	500	210
KLE-20	171	0.7	0.7	0.6	0.7	462	210
2x40	838	32.8	14.2	7.9	11.3	2262	211
3x40	1019	68.2	14.8	8.8	14.1	2751	211
8x40	1700	133.4	133.4	27.6	27.6	4590	211

Visible profiles / size 30

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

F-G 30x30

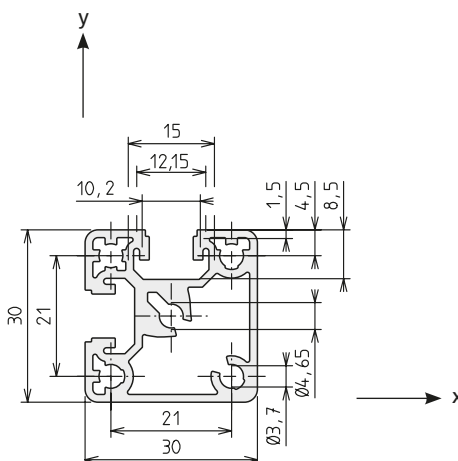


Code No. Profile F-G 30x30			Anodised
4535000	Cut to size	max. 6000 mm	Clear
4535001	Bar	6000 mm	Clear

Area	318	mm ²
I _x	3.2	cm ⁴
I _y	3.2	cm ⁴
W _x	2.1	cm ³
W _y	2.1	cm ³
Weight	858	g/m

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	30	10, 20, 30... pcs	4306709
	40	30	10, 20, 30... pcs	4306710
 Short	30	30 (K)	10, 20, 30... pcs	4106702
	40	30 (K)	10, 20, 30... pcs	4106703

F-GG 30x30



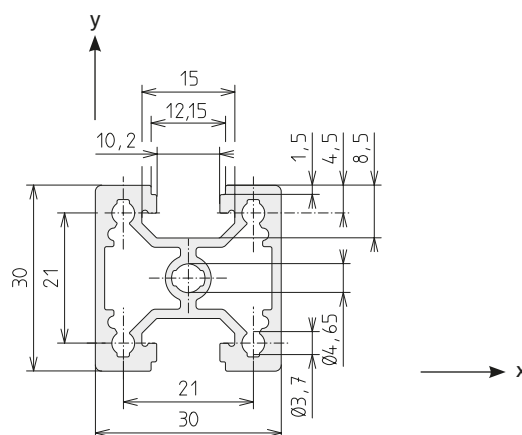
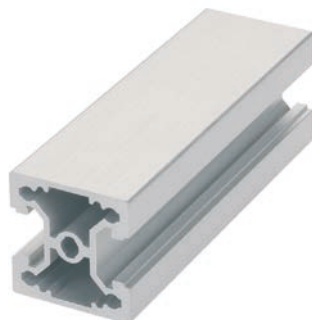
Code No. Profile F-GG 30x30			Anodised
4555000	Cut to size	max. 6000 mm	Clear
4555001	Bar	6000 mm	Clear

Area	317	mm ²
I _x	3.2	cm ⁴
I _y	3.2	cm ⁴
W _x	2.1	cm ³
W _y	2.1	cm ³
Weight	858	g/m

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Short	30	30 (K)	10, 20, 30... pcs	4106702
	40	30 (K)	10, 20, 30... pcs	4106703



F-2G 30x30

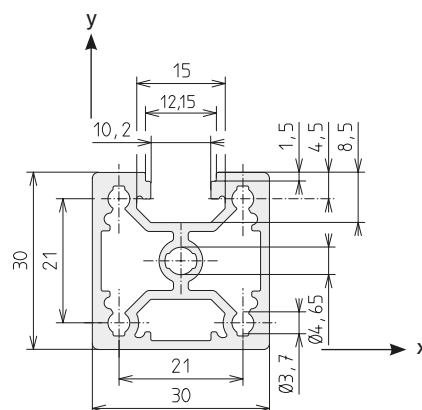


Area	335.3	mm ²
I _x	3.2	cm ⁴
I _y	3.6	cm ⁴
W _x	2.2	cm ³
W _y	2.4	cm ³
Weight	905	g/m

Code No. Profile F-2G 30x30			Anodised
4B45000	Cut to size	max. 6000 mm	Clear
4B45001	Bar	6000 mm	Clear

Connec- tion	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	30	10, 20, 30... pcs	4306709
	40	30	10, 20, 30... pcs	4306710

F-3G 30x30



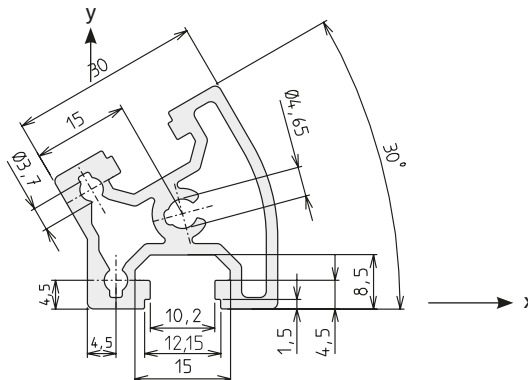
Area	335	mm ²
I _x	3.5	cm ⁴
I _y	3.6	cm ⁴
W _x	2.2	cm ³
W _y	2.4	cm ³
Weight	932	g/m

Code No. Profile F-3G 30x30			Anodised
4B55000	Cut to size	max. 6000 mm	Clear
4B55001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Short	30	30 (K)	10, 20, 30... pcs	4106702
	40	30 (K)	10, 20, 30... pcs	4106703

Visible profiles / size 30

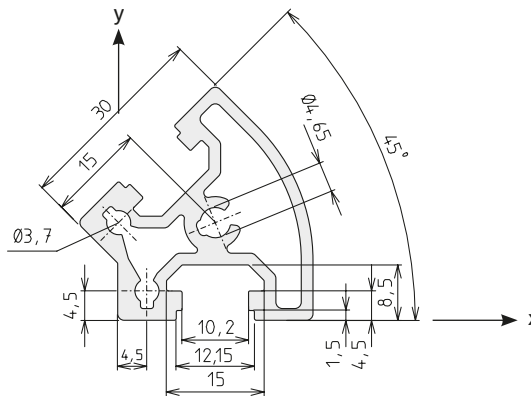
W 30-30



Area	342	mm ²
I _x	3.0	cm ⁴
I _y	3.4	cm ⁴
W _x	1.5	cm ³
W _y	1.8	cm ³
Weight	924	g/m

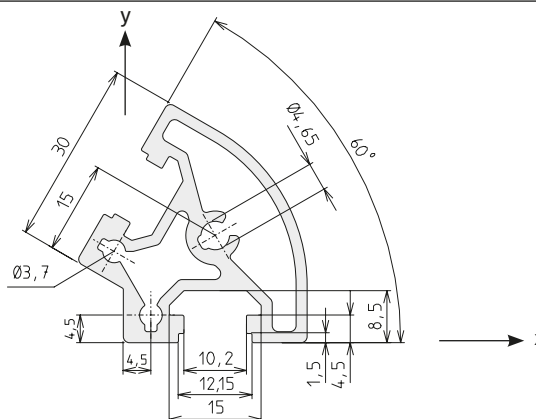
Code No. Angle profile W 30-30			Anodised
4725000	Cut to size	max. 6000 mm	Clear
4725001	Bar	6000 mm	Clear
Code No. Corner joint	Type		
4412406	KLW 30-30		

W 30-45



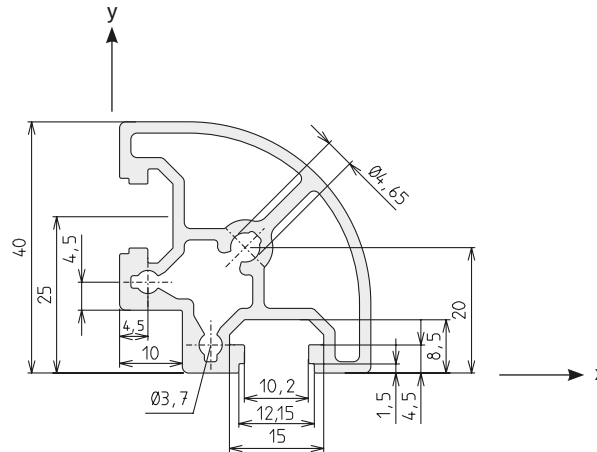
Area	340	mm ²
I _x	3.0	cm ⁴
I _y	3.2	cm ⁴
W _x	1.4	cm ³
W _y	1.7	cm ³
Weight	919	g/m

Code No. Profile W 30-45			Anodised
4735000	Cut to size	max. 6000 mm	Clear
4735001	Bar	6000 mm	Clear
Code No. Corner joint		Type	
4422406	KLW 30-45		

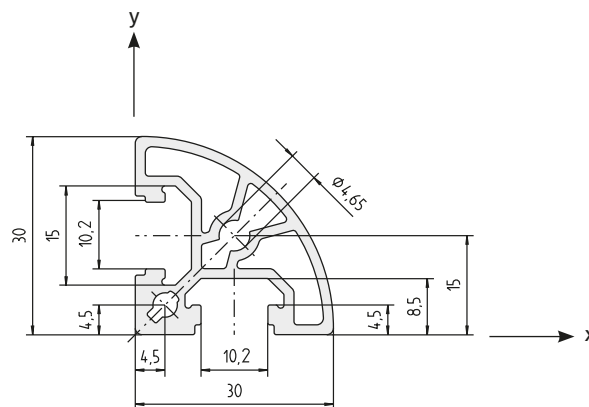
W 30-60

Area	375	mm ²
I _x	3.4	cm ⁴
I _y	4.3	cm ⁴
W _x	1.8	cm ³
W _y	1.9	cm ³
Weight	1014	g/m

Code No. Angle profile W 30-60			Anodised
4745000	Cut to size	max. 6000 mm	Clear
4745001	Bar	6000 mm	Clear
Code No. Corner joint	Type		
4622406	KLW 30-60		



Code No. Angle profile W 30-90			Anodised
4755000	Cut to size	max. 6000 mm	Clear
4755001	Bar	6000 mm	Clear
Code No. Corner joint		Type	
4432406	KLW 30-90		



Code No. Profile F-R 30			Anodised
4105000	Cut to size	max. 6000 mm	Clear
4105001	Bar	6000 mm	Clear

Connection	Quantity required per conn.	Slot geometry	Flange bracket	Code No.
 long. + transverse	1	30	30 (K)	4106702

Visible profiles / size 40

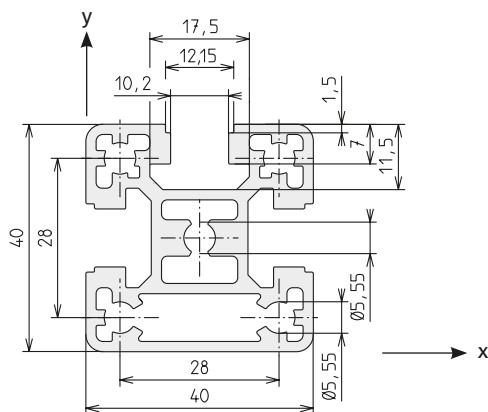
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

F-G 40x40



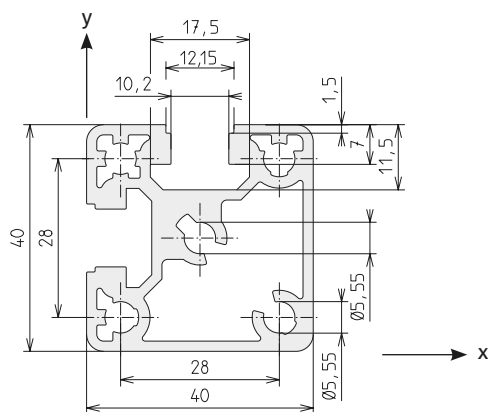
Area	636	mm ²
I _x	9.7	cm ⁴
I _y	9.8	cm ⁴
W _x	4.8	cm ³
W _y	4.9	cm ³
Weight	1718	g/m



Code No. Profile F-G 40x40			Anodised
4545000	Cut to size	max. 6000 mm	Clear
4545001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	40	10, 20, 30... pcs	4816703
	40			4816702
 Short	30	40 (K)	10, 20, 30... pcs	4566700
	40			4566701
 Flange slot stone -N-	40	40 (N)	–	4546700

F-GG 40x40



Code No. Profile F-GG 40x40			Anodised
4565000	Cut to size	max. 6000 mm	Clear
4565001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Short	30	40 (K)	10, 20, 30... pcs	4566700
	40			4566701
 Flange slot stone -N-	40	40 (N)	–	4546700

Area	611	mm ²
I _x	10.1	cm ⁴
I _y	10.1	cm ⁴
W _x	4.8	cm ³
W _y	4.8	cm ³
Weight	1651	g/m

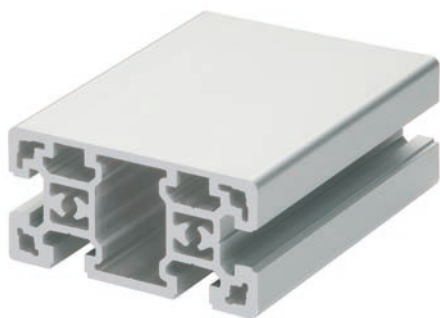


Visible profiles / size 40

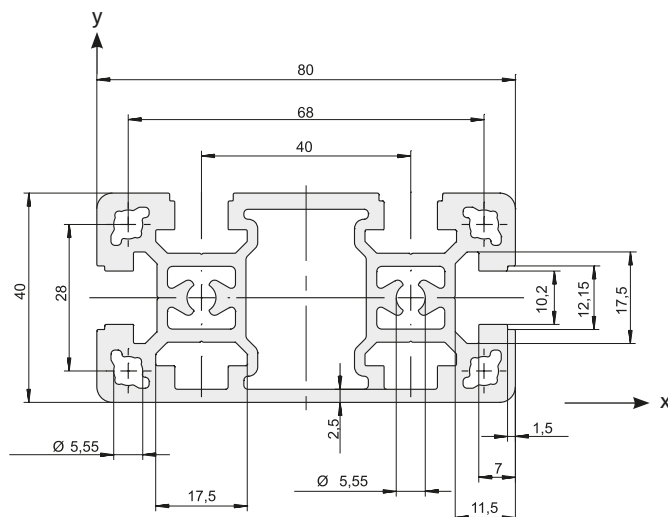
Order instruction:

- Purchase only in lot sizes and a multiple of that see product table below

F-G 40x80



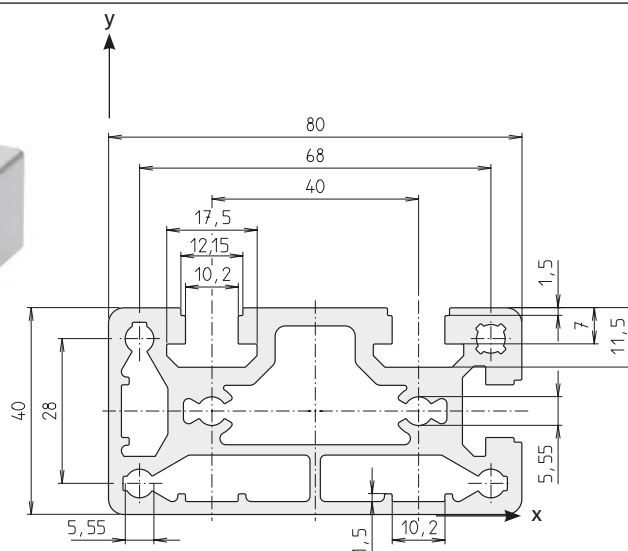
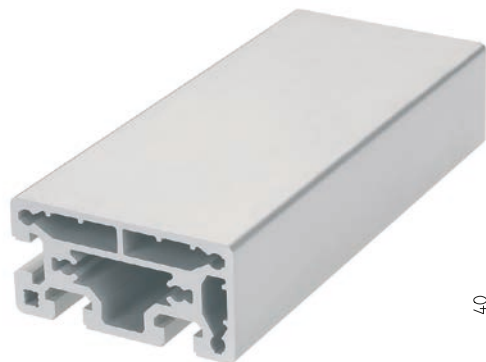
Area	1220	mm ²
I _x	20.9	cm ⁴
I _y	82.3	cm ⁴
W _x	10.4	cm ³
W _y	20.6	cm ³
Weight	3295	g/m



Code No. Profile F-G 40x80			Anodised
4B85000	Cut to size	max. 6000 mm	Clear
4B85001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 long.	30	80	10, 20, 30... pcs	4316706
	40			4246702
 Flange slot stone -N-	40	40 (N)	–	4546700

F-GG 40x80

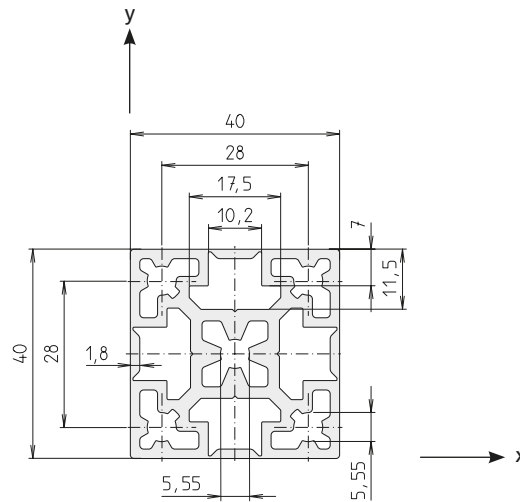


Code No. Profile F-GG 40x80			Anodised
4B15000	Cut to size	max. 6000 mm	Clear
4B15001	Bar	6000 mm	Clear

Connection		Slot geometry	Flange bracket	lot sizes	Code No.
	Extra long	40	80 (EL)	–	4586702
	Flange slot stone -N-	40	80 (N)	–	4586703
	Flange slot stone -N-	40	40 (N)	–	4546700

Area	1323	mm ²
I _x	22.0	cm ⁴
I _y	87.9	cm ⁴
W _x	10.7	cm ³
W _y	22.0	cm ³
Weight	3565	g/m

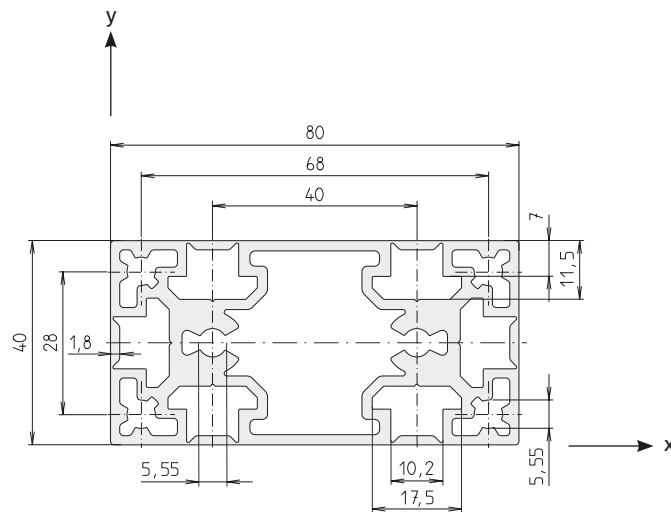
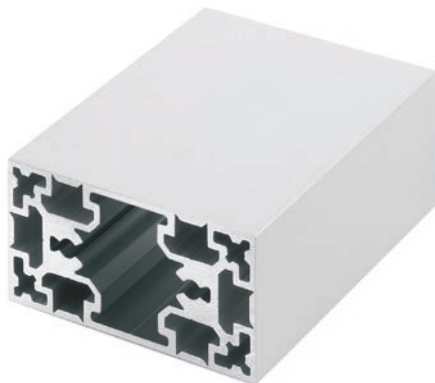
4G-40x40



Area	696	mm ²
I_x	10.5	cm ⁴
I_y	10.5	cm ⁴
W_x	5.2	cm ³
W_y	5.2	cm ³
Weight	1877	g/m

Code No. Profile 4G-40x40			Anodised
4B65000	Cut to size	max. 6000 mm	Clear
4B65001	Bar	6000 mm	Clear

4G-40x80

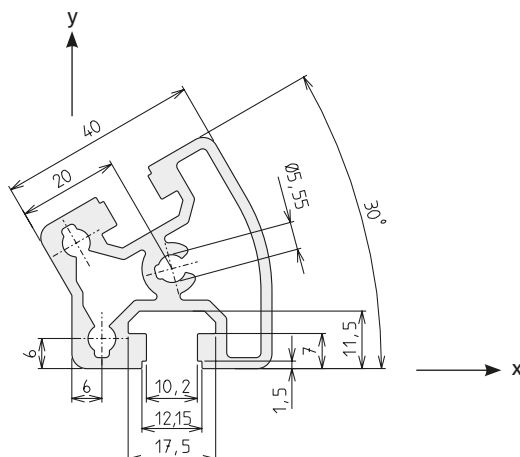


Area	1145	mm ²
I_x	18.7	cm ⁴
I_y	78.5	cm ⁴
W_x	9.3	cm ³
W_y	19.6	cm ³
Weight	3106	g/m

Code No. Profile 4G-40x80			Anodised
4B75000	Cut to size	max. 6000 mm	Clear
4B75001	Bar	6000 mm	Clear

Visible profiles / size 40

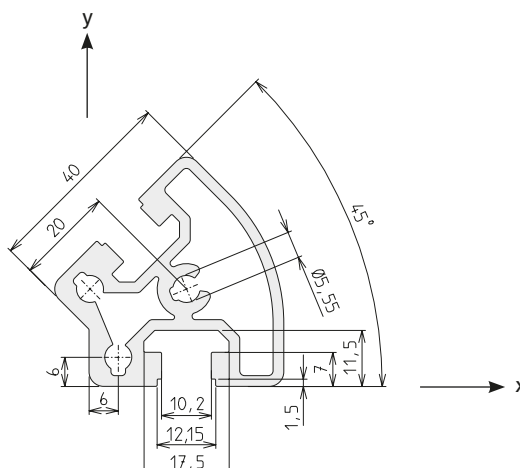
W 40-30



Area	619	mm ²
I _x	10.0	cm ⁴
I _y	10.0	cm ⁴
W _x	3.7	cm ³
W _y	4.2	cm ³
Weight	1674	g/m

Code No. Angle profile W 40-30			Anodised
4765000	Cut to size	max. 6000 mm	Clear
4765001	Bar	6000 mm	Clear
Code No. Corner joint	Type		
4462406	KLW 40-30		

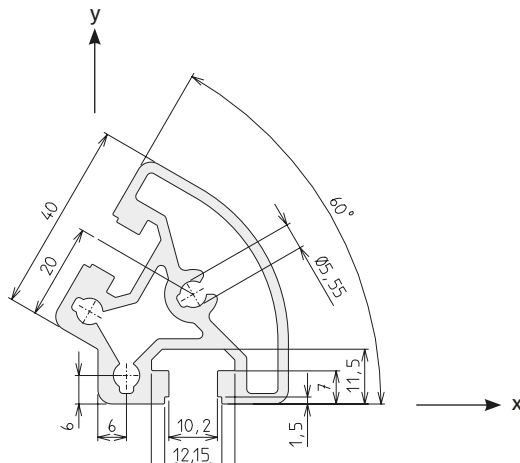
W 40-45



Area	620	mm ²
I _x	9.7	cm ⁴
I _y	9.8	cm ⁴
W _x	3.4	cm ³
W _y	4.2	cm ³
Weight	1675	g/m

Code No. Angle profile W 40-45			Anodised
4775000	Cut to size	max. 6000 mm	Clear
4775001	Bar	6000 mm	Clear
Code No. Corner joint	Type		
4472406	KLW 40-45		

W 40-60

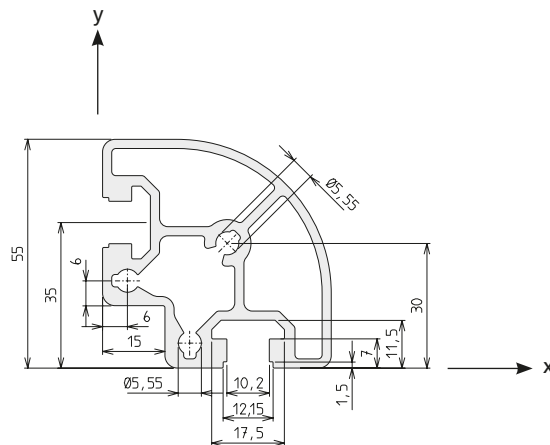


Area	671	mm ²
I _x	11.2	cm ⁴
I _y	12.8	cm ⁴
W _x	4.2	cm ³
W _y	4.6	cm ³
Weight	1812	g/m

Code No. Angle profile W 40-60			Anodised
4785000	Cut to size	max. 6000 mm	Clear
4785001	Bar	6000 mm	Clear

Code No. Corner joint	Type
4632406	KLW 40-60

W 40-90



Area	797	mm ²
I _x	22.0	cm ⁴
I _y	22.0	cm ⁴
W _x	7.4	cm ³
W _y	7.4	cm ³
Weight	2153	g/m

Code No. Angle profile W 40-90			Anodised
4795000	Cut to size	max. 6000 mm	Clear
4795001	Bar	6000 mm	Clear

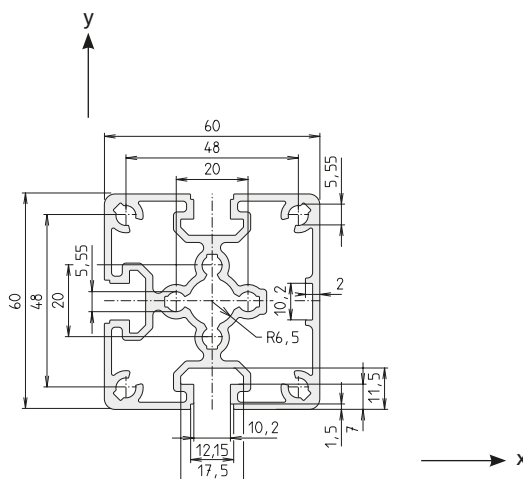
Code No. Corner joint	Type
4482406	KLW 40-90

Visible profiles / size 50

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

F-G 50x50

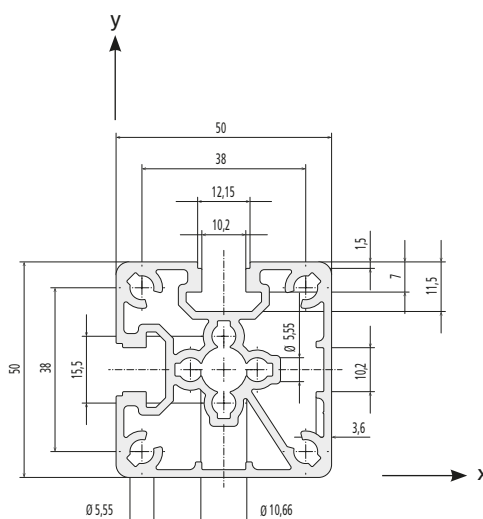


Area	832	mm ²
I _x	21.6	cm ⁴
I _y	22.2	cm ⁴
W _x	8.6	cm ³
W _y	8.9	cm ³
Weight	2247	g/m

Code No. Profile F-G 50x50			Anodised
4A65000	Cut to size	max. 6000 mm	Clear
4A65001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	50	10, 20, 30... pcs	4086706
	40	50	10, 20, 30... pcs	4086702
 Flange slot stone -N-	40	50 (N)	–	4A66700

F-GG 50x50

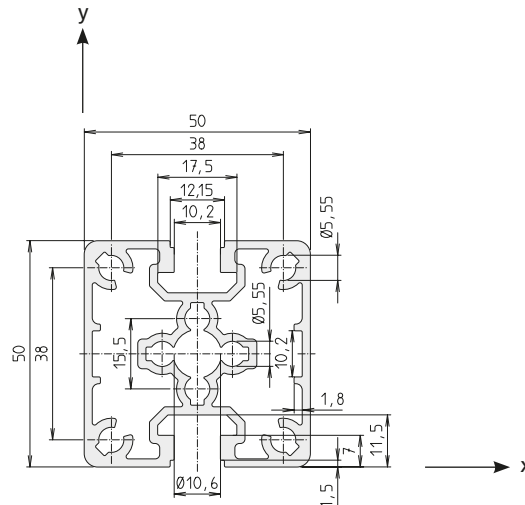


Area	815	mm ²
I _x	21.5	cm ⁴
I _y	22.1	cm ⁴
W _x	8.4	cm ³
W _y	8.7	cm ³
Weight	2200	g/m

Code No. Profile F-GG 50x50			Anodised
4A75000	Cut to size	max. 6000 mm	Clear
4A75001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Flange slot stone -N-	40	50 (N)	–	4A66700

F-2G 50x50

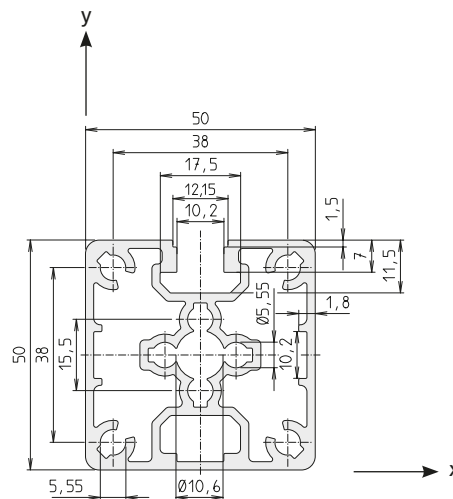


Area	779	mm ²
I _x	20.6	cm ⁴
I _y	21.8	cm ⁴
W _x	8.3	cm ³
W _y	8.7	cm ³
Weight	2103	g/m

Code No. Profile F-2G 50x50			Anodised
4A85000	Cut to size	max. 6000 mm	Clear
4A85001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	50	10, 20, 30... pcs	4086706
	40	50	10, 20, 30... pcs	4086702

F-3G 50x50



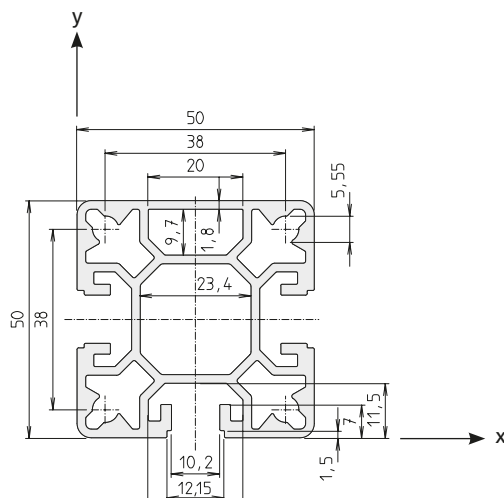
Area	791	mm ²
I _x	20.7	cm ⁴
I _y	22.8	cm ⁴
W _x	9.0	cm ³
W _y	9.1	cm ³
Weight	2137	g/m

Code No. Profile F-3G 50x50			Anodised
4A95000	Cut to size	max. 6000 mm	Clear
4A95001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Flange slot stone -N-	40	50 (N)	–	4A66700

Visible profiles / size 50

Pillar profile SP-50x50



Area	753	mm ²
I _x	20.8	cm ⁴
I _y	20.7	cm ⁴
W _x	8.2	cm ³
W _y	8.3	cm ³
Weight	2033	g/m

Code No. Pillar profile SP-50x50			Anodised
4635000	Cut to size	max. 6000 mm	Clear
4635001	Bar	6000 mm	Clear

Note: Purely a pillar/post profile on the face of which no connector can be attached. Profile lengths 6700 mm available on request.



Visible profiles / size 60

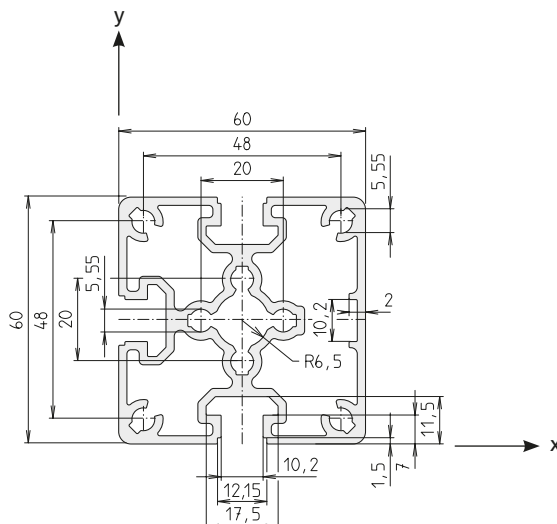
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

F-G 60x60



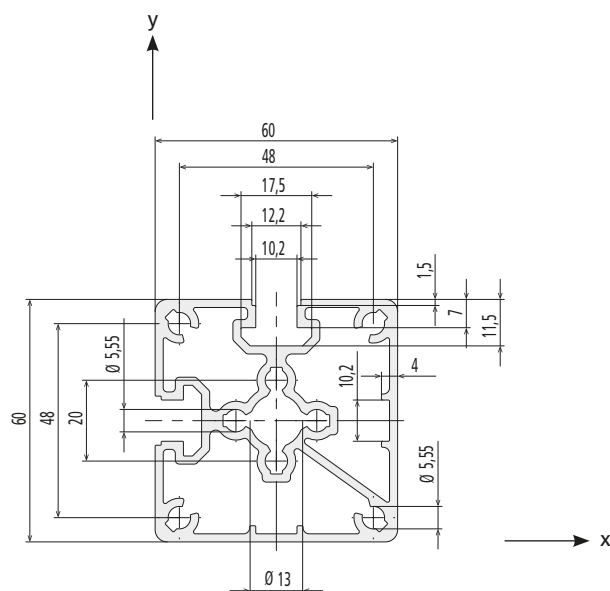
Area	1020	mm ²
I _x	37.9	cm ⁴
I _y	39.5	cm ⁴
W _x	12.6	cm ³
W _y	12.7	cm ³
Weight	2757	g/m



Code No. Profile F-G 60x60			Anodised
4A25000	Cut to size	max. 6000 mm	Clear
4A25001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	60	10, 20, 30... pcs	4226706
	40	60	10, 20, 30... pcs	4226702
 Flange slot stone -N-	40	60 (N)	–	4A26700

F-GG 60x60



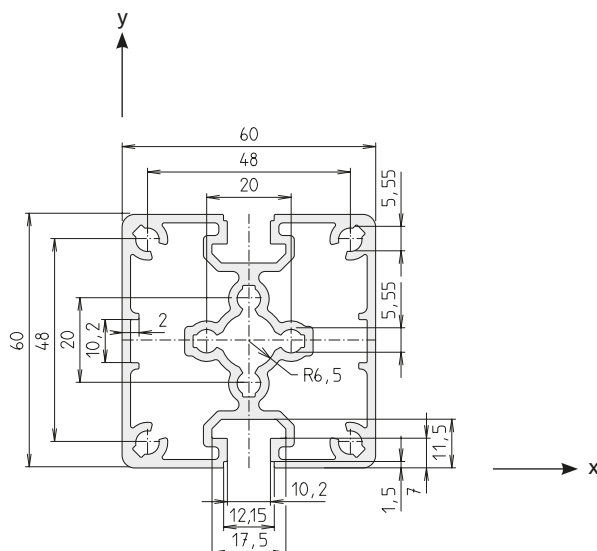
Code No. Profile F-GG 60x60			Anodised
4A35000	Cut to size	max. 6000 mm	Clear
4A35001	Bar	6000 mm	Clear

Area	1001	mm ²
I _x	38.1	cm ⁴
I _y	39.0	cm ⁴
W _x	12.5	cm ³
W _y	12.8	cm ³
Weight	2701	g/m

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Flange slot stone -N-	40	60 (N)	–	4A26700



F-2G 60x60

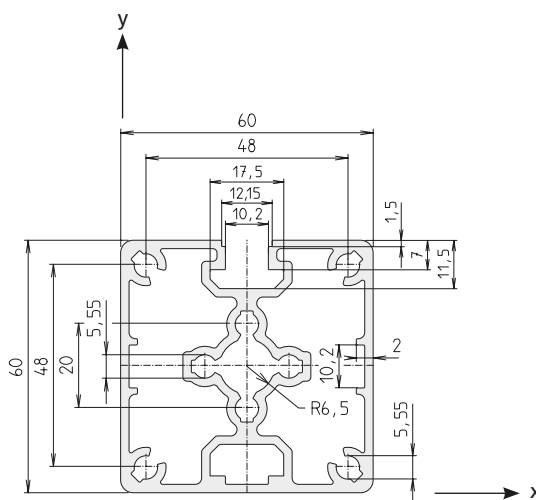


Area	956	mm ²
I _x	36.2	cm ⁴
I _y	39.1	cm ⁴
W _x	12.1	cm ³
W _y	13.0	cm ³
Weight	2585	g/m

Code No. Profile F-2G 60x60			Anodised
4A45000	Cut to size	max. 6000 mm	Clear
4A45001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
Long	30	60	10, 20, 30... pcs	4226706
	40	60	10, 20, 30... pcs	4226702

F-3G 60x60



Area	981	mm ²
I _x	36.5	cm ⁴
I _y	41.2	cm ⁴
W _x	11.9	cm ³
W _y	13.7	cm ³
Weight	2649	g/m

Code No. Profile F-3G 60x60			Anodised
4A55000	Cut to size	max. 6000 mm	Clear
4A55001	Bar	6000 mm	Clear

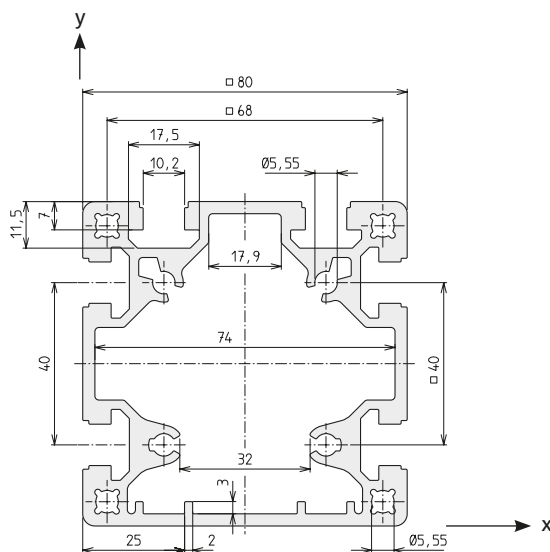
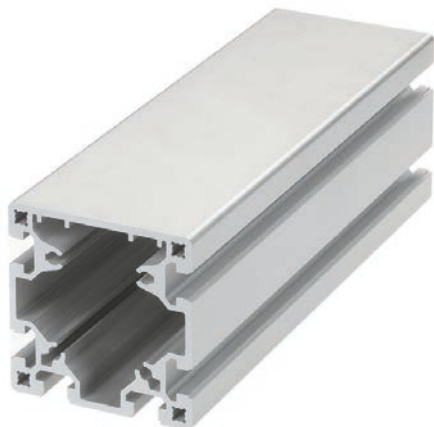
Connection	Slot geometry	Flange bracket	lot sizes	Code No.
Flange slot stone -N-	40	60 (N)	–	4A26700

Visible profiles / size 80

Order instruction:

■ Purchase only in lot sizes and a multiple of that see product table below

F-G 80x80

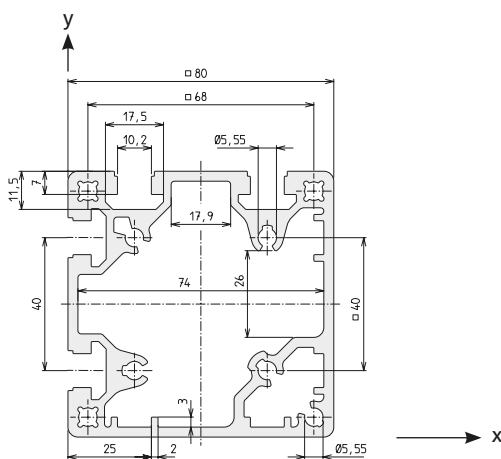
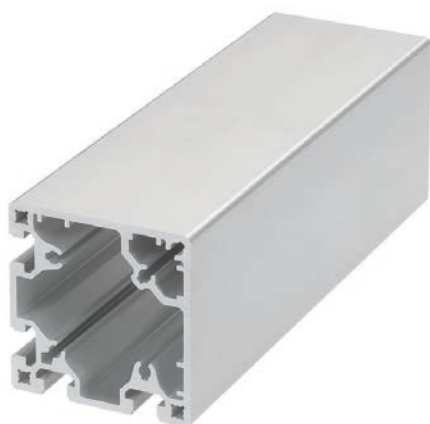


Code No. Profile F-G 80x80			Anodised
4585000	Cut to size	max. 6000 mm	Clear
4585001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	80	10, 20, 30... pcs	4316706
	40	80	10, 20, 30... pcs	4246702
 Extra long	40	80 (EL)	–	4586702
 Flange slot stone -N-	40	80 (N)	–	4586703

Area	1710	mm ²
I _x	135.5	cm ⁴
I _y	139.3	cm ⁴
W _x	34.8	cm ³
W _y	33.0	cm ³
Weight	4557	g/m

F-GG 80x80

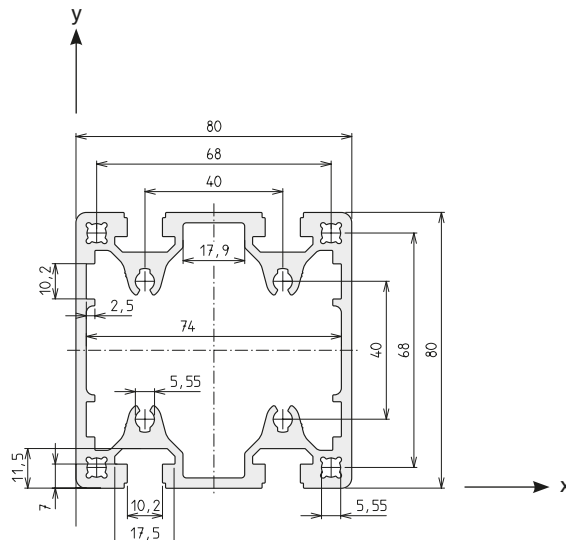
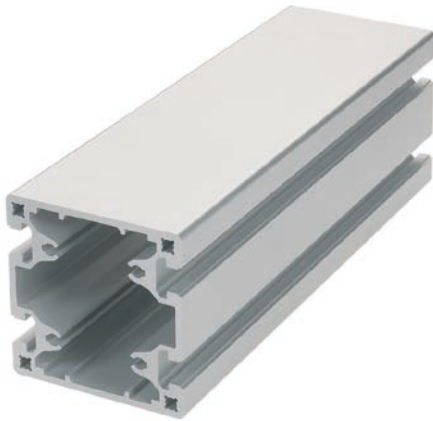


Code No. Profile F-GG 80x80			Anodised
4595000	Cut to size	max. 6000 mm	Clear
4595001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Extra long	40	80 (EL)	–	4586702
 Flange slot stone -N-	40	80 (N)	–	4586703

Area	1686	mm ²
I _x	136.2	cm ⁴
I _y	136.2	cm ⁴
W _x	34.1	cm ³
W _y	34.1	cm ³
Weight	4497	g/m

F-2G 80x80

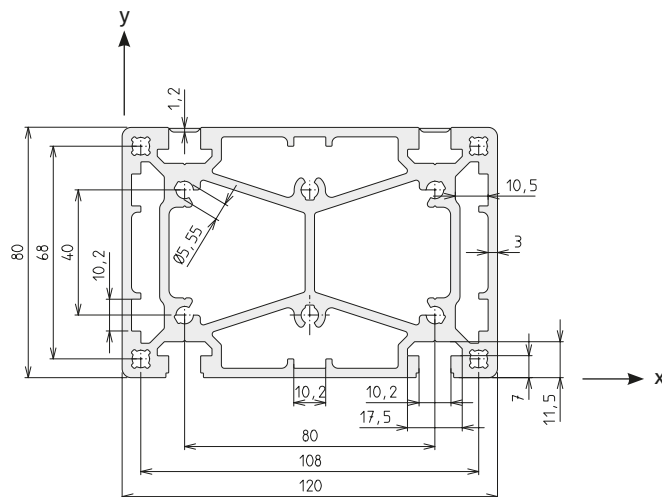


Area	1656	mm ²
I _x	133.4	cm ⁴
I _y	140.0	cm ⁴
W _x	33.3	cm ³
W _y	35.5	cm ³
Weight	4471	g/m

Code No. Profile F-2G 80x80			Anodised
4A15000	Cut to size	max. 6000 mm	Clear
4A15001	Bar	6000 mm	Clear

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Long	30	80	10, 20, 30... pcs	4316706
	40	80	10, 20, 30... pcs	4246702

F-3G 80x120-A



Area	2896	mm ²
I _x	213.3	cm ⁴
I _y	467.8	cm ⁴
W _x	52.8	cm ³
W _y	77.9	cm ³
Weight	7818	g/m

Code No. Profile F-3G 80x120-A			Anodised
4965000	Cut to size	max. 6000 mm	Clear
4965001	Bar	6000 mm	Clear

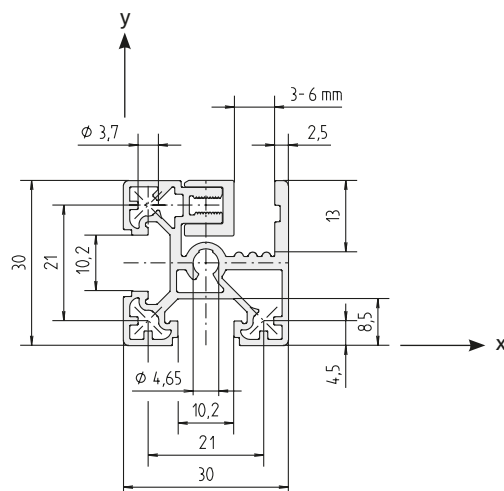
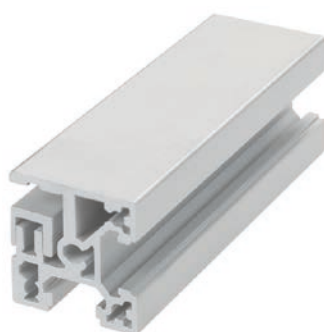
Connection	Slot geometry	Flange bracket	lot sizes	Code No.
 Extra long	40	120 (A)	–	4966700
 Extra long	40	80 (EL)	–	4586702

Frame profiles / size 30

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Clamping profile KL 30x30-2

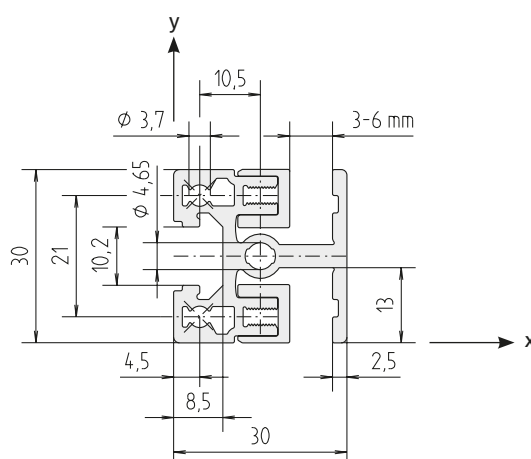
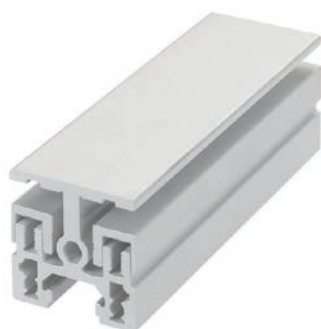


Area	293	mm ²
I _x	2.3	cm ⁴
I _y	2.7	cm ⁴
W _x	1.5	cm ³
W _y	1.8	cm ³
Weight	917	g/m

Code No. Clamping profile KL 30x30-2			Anodised
4D25008	Cut to size	max. 6000 mm	Clear
4D25009	Bar	6000 mm	Clear

Code No. Corner joint	Type	lot sizes
4202406	KL 30	10, 20, 30... pcs

Clamping profile KLD 30x30

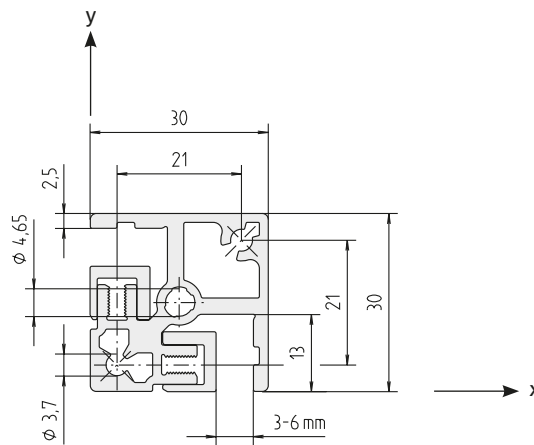


Area	348	mm ²
I _x	2.7	cm ⁴
I _y	3.1	cm ⁴
W _x	1.8	cm ³
W _y	2.2	cm ³
Weight	1188	g/m

Code No. Clamping profile KLD 30x30			Anodised
4605008	Cut to size	max. 6000 mm	Clear
4605009	Bar	6000 mm	Clear

Code No. Corner joint	Type	lot sizes
4202408	KLK 30	4, 8, 12... pcs
4202407	KLV 30	—

Clamping profile KLE 30x30

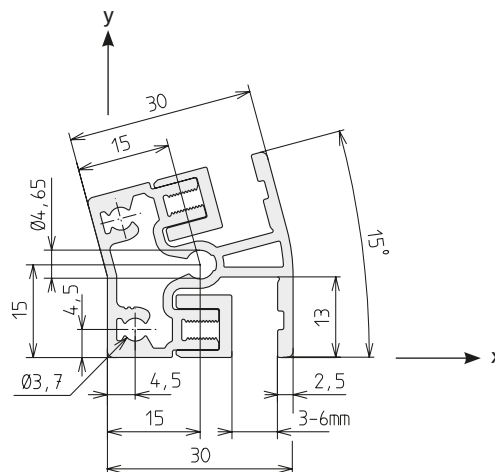


Area	348	mm ²
I _x	3.0	cm ⁴
I _y	3.0	cm ⁴
W _x	2.0	cm ³
W _y	2.0	cm ³
Weight	1179	g/m

Code No. Clamping profile KLE 30x30			Anodised
4705008	Cut to size	max. 6000 mm	Clear
4705009	Bar	6000 mm	Clear

Code No. Corner joint	Type	lot sizes
4702406	KLE 30	10, 20, 30... pcs

Clamping profile KLW 30-15



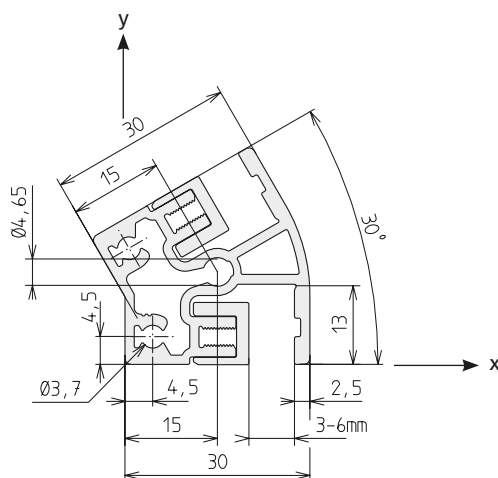
Area	405	mm ²
I _x	2.5	cm ⁴
I _y	3.3	cm ⁴
W _x	1.4	cm ³
W _y	1.9	cm ³
Weight	853	g/m

Code No. Clamping profile KLW 30-15			Anodised
4405000	Cut to size	max. 6000 mm	Clear
4405001	Bar	6000 mm	Clear

Code No. Corner joint	Type	lot sizes
4402406	KLW 30-15	–

Frame profiles / size 30

Clamping profile KLW 30-30

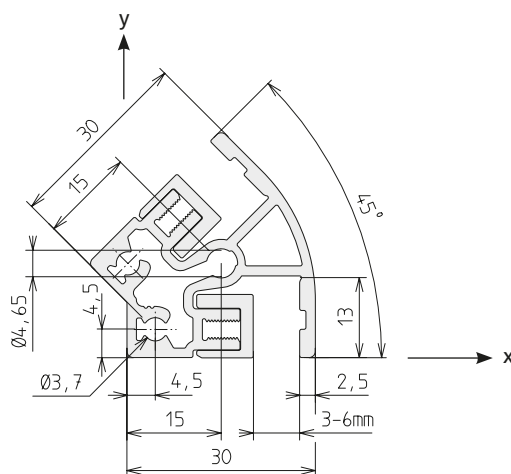


Area	405	mm ²
I _x	2.4	cm ⁴
I _y	3.3	cm ⁴
W _x	1.2	cm ³
W _y	1.8	cm ³
Weight	852	g/m

Code No. Clamping profile KLW 30-30			Anodised
4415000	Cut to size	max. 6000 mm	Clear
4415001	Bar	6000 mm	Clear

Code No. Corner joint	Type
4412406	KLW 30-30

Clamping profile KLW 30-45

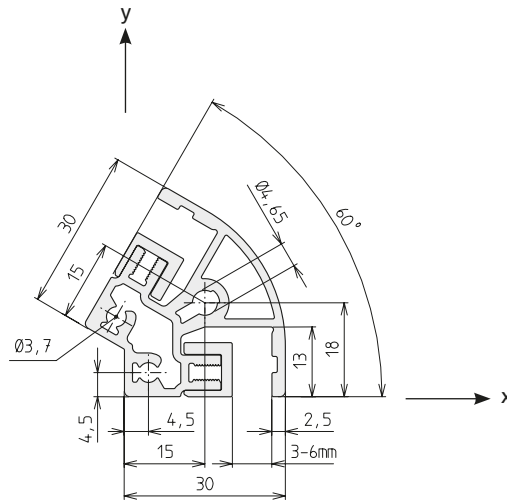


Area	402	mm ²
I _x	2.4	cm ⁴
I _y	3.1	cm ⁴
W _x	1.1	cm ³
W _y	1.7	cm ³
Weight	845	g/m

Code No. Clamping profile KLW 30-45			Anodised
4425000	Cut to size	max. 6000 mm	Clear
4425001	Bar	6000 mm	Clear

Code No. Corner joint	Type
4422406	KLW 30-45

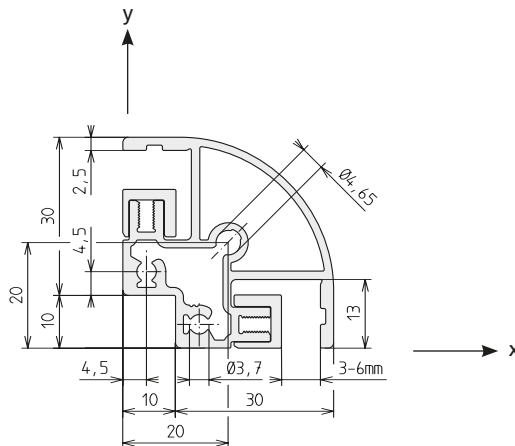
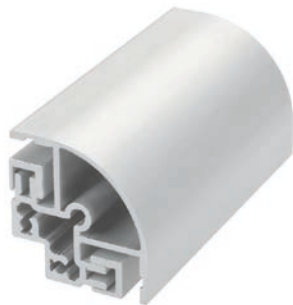
Clamping profile K LW 30-60



Area	357	mm ²
I _x	3.3	cm ⁴
I _y	3.5	cm ⁴
W _x	1.7	cm ³
W _y	1.5	cm ³
Weight	966	g/m

Code No. Clamping profile K LW30-60			Anodised
4445000	Cut to size	max. 6000 mm	Clear
4445001	Bar	6000 mm	Clear
Code No. Corner joint		Type	
4622406		K LW 30-60	

Clamping profile K LW 30-90



Area	640	mm ²
I _x	9.7	cm ⁴
I _y	7.2	cm ⁴
W _x	2.7	cm ³
W _y	4.1	cm ³
Weight	1051	g/m

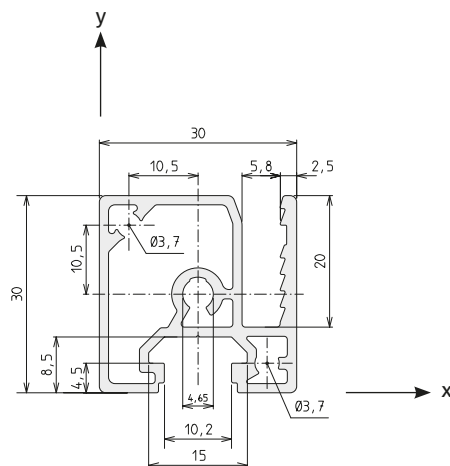
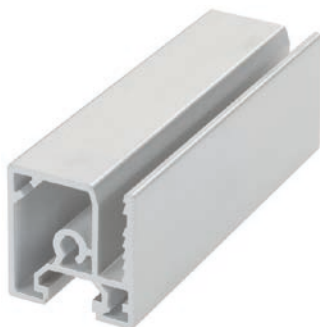
Code No. Clamping profile K LW 30-90			Anodised
4435000	Cut to size	max. 6000 mm	Clear
4435001	Bar	6000 mm	Clear
Code No. Corner joint		Type	
4432406		K LW 30-90	

Frame profiles / size 30

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

ESP 30x30

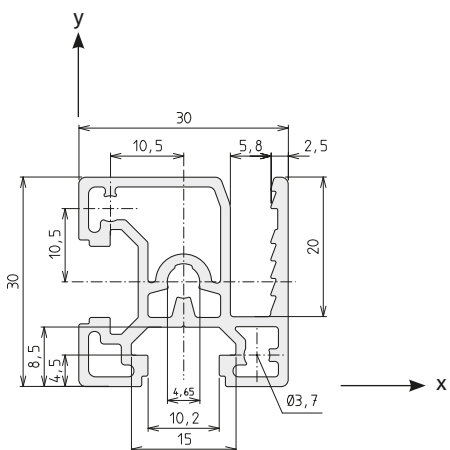
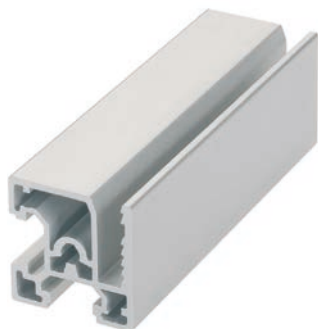


Code No. Inserting profile ESP 30x30			Anodised
4895000	Cut to size	max. 6000 mm	Clear
4895001	Bar	6000 mm	Clear

Area	275	mm ²
I _x	2.3	cm ⁴
I _y	2.8	cm ⁴
W _x	1.4	cm ³
W _y	1.8	cm ³
Weight	742	g/m

Code No.	Type	lot sizes
4202406	Corner joint KL 30	10, 20, 30... pcs
4016578	Wire mesh 30x30x3 Galvanised steel, max. size 2x3 m	—

ESP 30x30/2

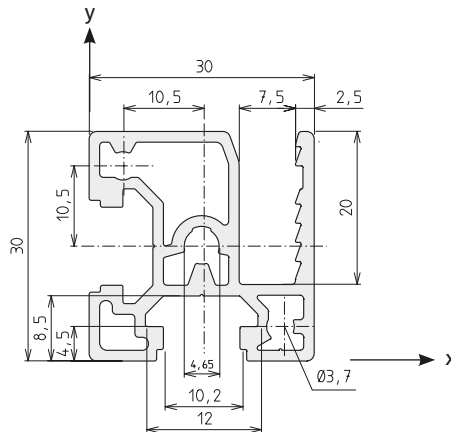
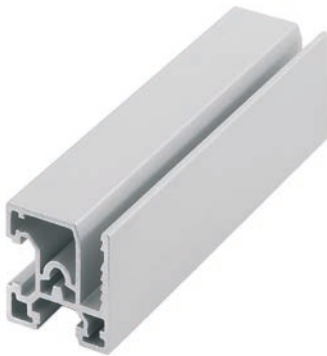


Code No. Inserting profile ESP 30x30/2			Anodised
4935000	Cut to size	max. 6000 mm	Clear
4935001	Bar	6000 mm	Clear

Area	293.8	mm ²
I _x	2.4	cm ⁴
I _y	2.8	cm ⁴
W _x	1.5	cm ³
W _y	1.8	cm ³
Weight	796	g/m

Code No.	Type	lot sizes
4202406	Corner joint KL 30	10, 20, 30... pcs
4016578	Wire mesh 30x30x3 Galvanised steel, max. size 2x3 m	—

ESP 30x30/2 (40)

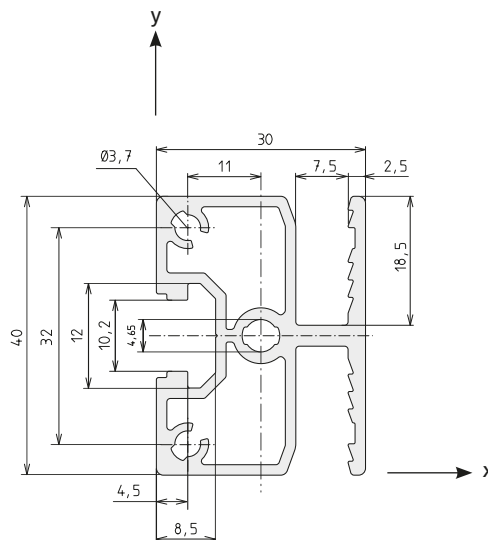
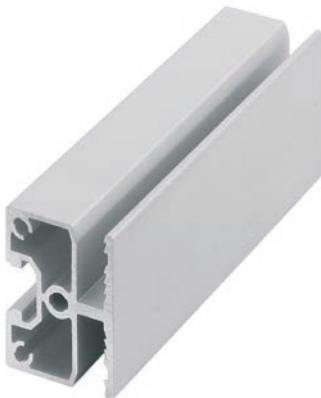


Code No. Inserting profile ESP 30x30/2 (40)			Anodised
4995000	Cut to size	max. 6000 mm	Clear
4995001	Bar	6000 mm	Clear

Area	295	mm ²
I _x	2.3	cm ⁴
I _y	2.9	cm ⁴
W _x	1.5	cm ³
W _y	1.9	cm ³
Weight	798	g/m

Code No.	Type	lot sizes
4202406	Corner joint KL-30	10, 20, 30... pcs
4016579	Wire mesh 40x40x4	–

ESPD 30x40 (40)



Code No. Inserting profile ESPD 30x40 (40)			Anodised
4985000	Cut to size	max. 6000 mm	Clear
4985001	Bar	6000 mm	Clear

Area	370	mm ²
I _x	3.8	cm ⁴
I _y	5.2	cm ⁴
W _x	1.9	cm ³
W _y	3.5	cm ³
Weight	1000	g/m

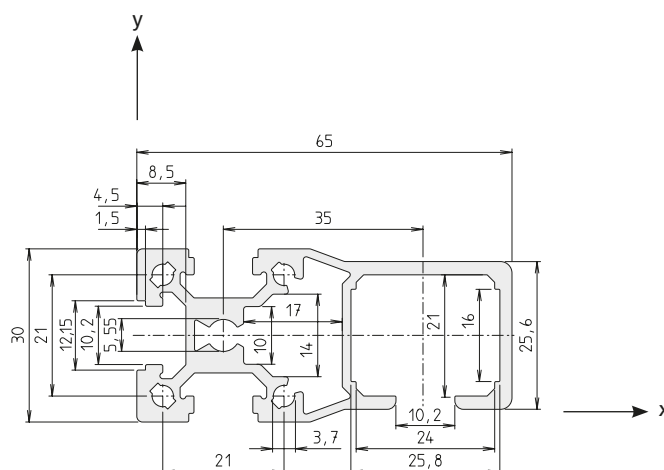
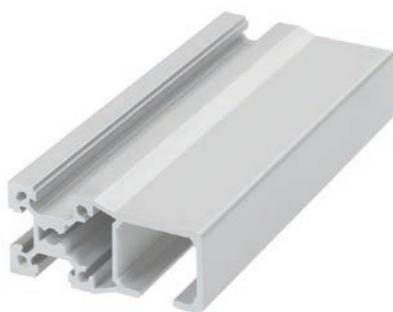
Code No.	Type	lot sizes
4016579	Wire mesh 40x40x4	–

Frame profiles / size 40

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

STP 30

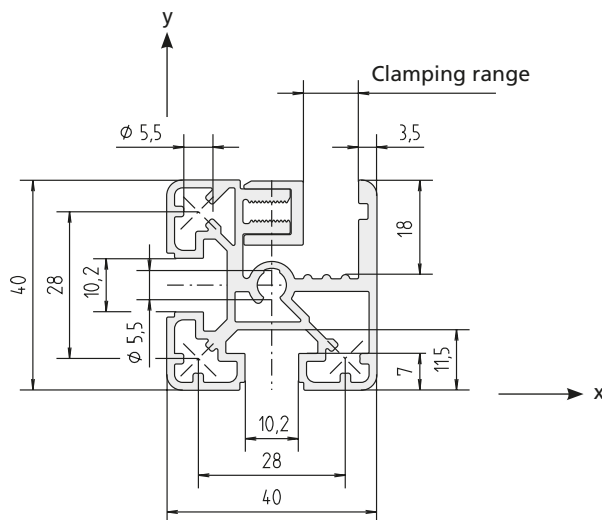


Code No. Sliding door profile STP-30			Anodised
4175000	Cut to size	max. 6000 mm	Clear
4175001	Bar	6000 mm	Clear

Area	536	mm ²
I _x	5.2	cm ⁴
I _y	22.8	cm ⁴
W _x	3.7	cm ³
W _y	6.1	cm ³
Weight	1448	g/m

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
	long. + transverse	30	10, 20, 30... pcs	4176704
		40	10, 20, 30... pcs	4176705

Clamping profile KL 40x40-2



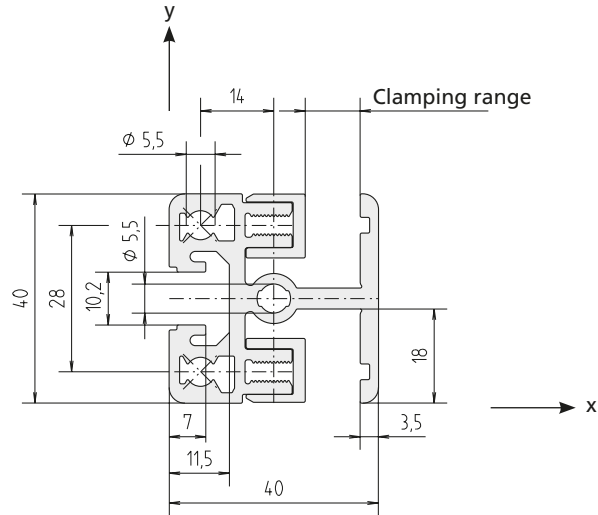
Code No. Clamping profile KL 40x40-2			Clamping range	Ano-dised
4B95100	Cut to size	max. 6000 mm	0-6 mm	Clear
4B95101	Bar	6000 mm	0-6 mm	Clear
4B95008	Cut to size	max. 6000 mm	4-10 mm	Clear
4B95009	Bar	6000 mm	4-10 mm	Clear

Area	508	mm ²
I _x	7.0	cm ⁴
I _y	8.3	cm ⁴
W _x	3.5	cm ³
W _y	4.1	cm ³
Weight	1596	g/m

Code No. Corner joint	Type	lot sizes
4212406	KL 40	10, 20, 30... pcs



Clamping profile KLD 40x40

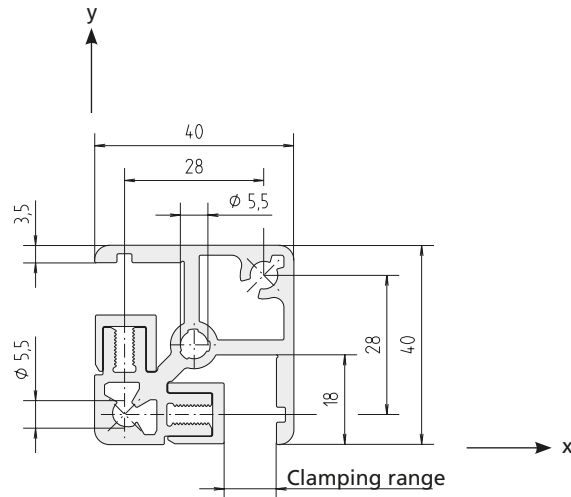
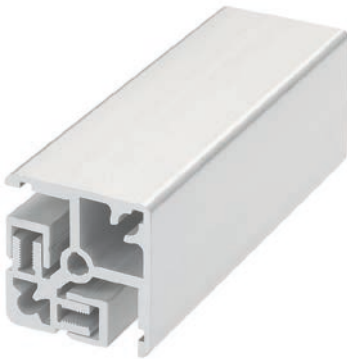


Area	612	mm ²
I _x	8.3	cm ⁴
I _y	10.0	cm ⁴
W _x	4.1	cm ³
W _y	5.5	cm ³
Weight	1975	g/m

Code No. Clamping profile KLD 40x40			Clamping range	Ano-dised
4615100	Cut to size	max. 6000 mm	0-6 mm	Clear
4615101	Bar	6000 mm	0-6 mm	Clear
4615008	Cut to size	max. 6000 mm	4-10 mm	Clear
4615009	Bar	6000 mm	4-10 mm	Clear

Code No. Corner joint	Type	lot sizes
4212408	KLK 40	4, 8, 12... pcs
4212407	KLV 40	4, 8, 12... pcs

Clamping profile KLE 40x40



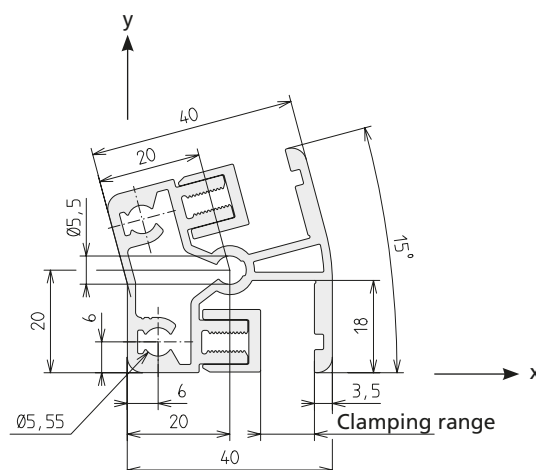
Area	590	mm ²
I _x	9.3	cm ⁴
I _y	9.3	cm ⁴
W _x	4.6	cm ³
W _y	4.6	cm ³
Weight	1914	g/m

Code No. Clamping profile KLE 40x40			Clamping range	Ano-dised
4715100	Cut to size	max. 6000 mm	0-6 mm	Clear
4715101	Bar	6000 mm	0-6 mm	Clear
4715008	Cut to size	max. 6000 mm	4-10 mm	Clear
4715009	Bar	6000 mm	4-10 mm	Clear

Code No. Corner joint	Type	lot sizes
4712406	KLE 40	10, 20, 30... pcs

Frame profiles / size 40

Clamping profile K LW 40-15

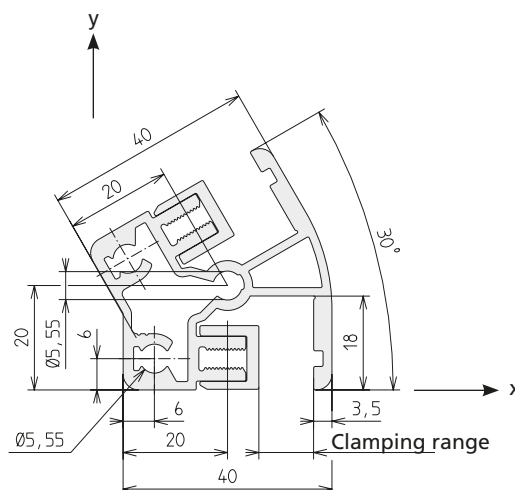


Area	641	mm ²
I _x	7.4	cm ⁴
I _y	9.7	cm ⁴
W _x	3.1	cm ³
W _y	4.4	cm ³
Weight	1408	g/m

Code No. Clamping profile K LW 40-15			Clamping range	Ano-dised
4455100	Cut to size	max. 6000 mm	0-6 mm	Clear
4455101	Bar	6000 mm	0-6 mm	Clear
4455000	Cut to size	max. 6000 mm	4-10 mm	Clear
4455001	Bar	6000 mm	4-10 mm	Clear

Code No. Corner joint	Type
4412406	K LW 40-15

Clamping profile K LW 40-30

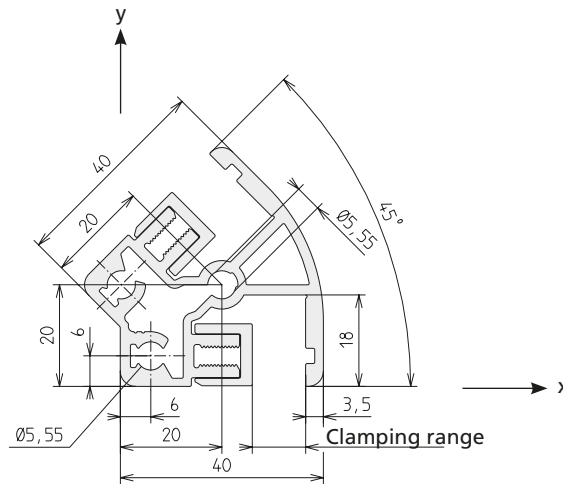


Area	640	mm ²
I _x	7.2	cm ⁴
I _y	9.7	cm ⁴
W _x	2.7	cm ³
W _y	4.1	cm ³
Weight	1406	g/m

Code No. Clamping profile K LW 40-30			Clamping range	Ano-dised
4465100	Cut to size	max. 6000 mm	0-6 mm	Clear
4465101	Bar	6000 mm	0-6 mm	Clear
4465000	Cut to size	max. 6000 mm	4-10 mm	Clear
4465001	Bar	6000 mm	4-10 mm	Clear

Code No. Corner joint	Type
4462406	K LW 40-30

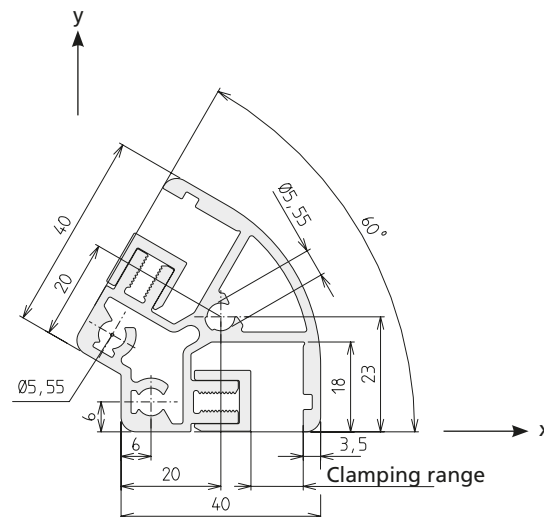
Clamping profile K LW 40-45



Area	654	mm ²
I _x	7.3	cm ⁴
I _y	9.6	cm ⁴
W _x	2.6	cm ³
W _y	3.9	cm ³
Weight	1764	g/m

Code No. Clamping profile K LW 40-45			Clamping range	Ano-dised
4475100	Cut to size	max. 6000 mm	0-6 mm	Clear
4475101	Bar	6000 mm	0-6 mm	Clear
4475000	Cut to size	max. 6000 mm	4-10 mm	Clear
4475001	Bar	6000 mm	4-10 mm	Clear
Code No. Corner joint	Type			
4472406	K LW 40-45			

Clamping profile K LW 40-60



Area	572	mm ²
I _x	9.6	cm ⁴
I _y	10.7	cm ⁴
W _x	3.8	cm ³
W _y	3.3	cm ³
Weight	1545	g/m

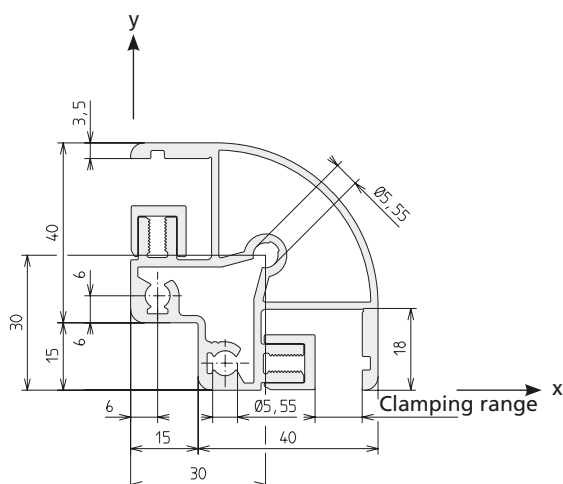
Code No. Clamping profile K LW 40-60			Clamping range	Ano-dised
4495100	Cut to size	max. 6000 mm	0-6 mm	Clear
4495101	Bar	6000 mm	0-6 mm	Clear
4495000	Cut to size	max. 6000 mm	4-10 mm	Clear
4495001	Bar	6000 mm	4-10 mm	Clear
Code No. Corner joint	Type			
4632406	K LW 40-60			

Frame profiles / size 40

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

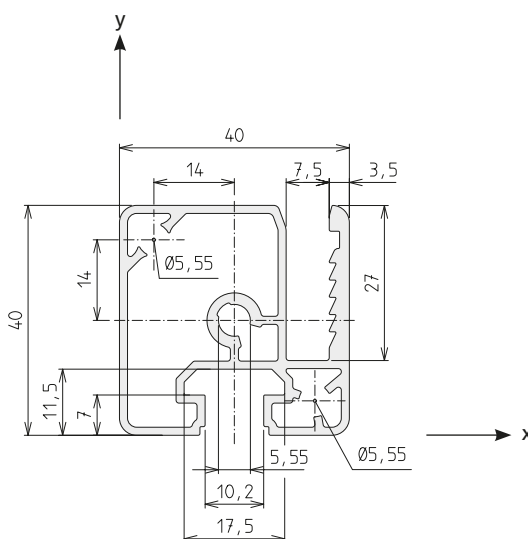
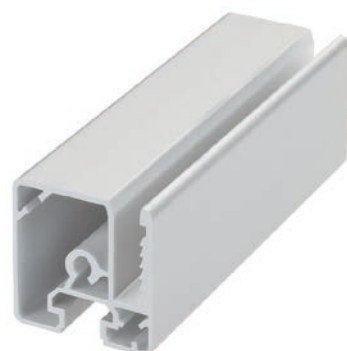
Clamping profile K LW 40-90



Area	774	mm ²
I _x	17.3	cm ⁴
I _y	17.3	cm ⁴
W _x	5.8	cm ³
W _y	5.8	cm ³
Weight	1767	g/m

Code No. Clamping profile K LW 40-90			Clamping range	Ano-dised
4485100	Cut to size	max. 6000 mm	0-6 mm	Clear
4485101	Bar	6000 mm	0-6 mm	Clear
4485000	Cut to size	max. 6000 mm	4-10 mm	Clear
4485001	Bar	6000 mm	4-10 mm	Clear
Code No. Corner joint	Type		lot sizes	
4482406	K LW 40-90		-	

ESP 40x40



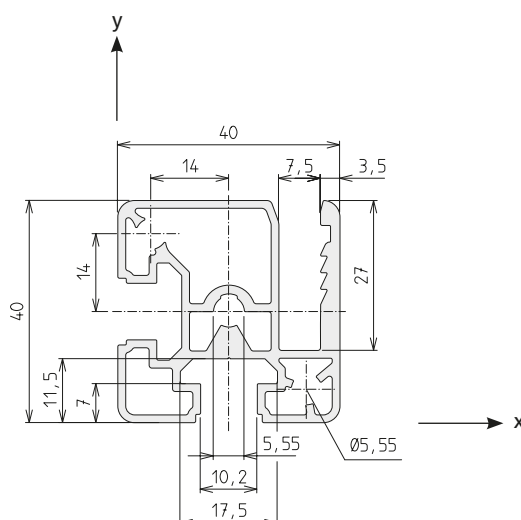
Area	405	mm ²
I _x	6.1	cm ⁴
I _y	7.3	cm ⁴
W _x	2.7	cm ³
W _y	3.5	cm ³
Weight	1095	g/m

Code No. Inserting profile ESP 40x40			Anodised
4905000	Cut to size	max. 6000 mm	Clear
4905001	Bar	6000 mm	Clear

Code No.	Type	lot sizes
4212406	Corner joint KL 40	10, 20, 30... pcs
4016579	Wire mesh 40x40x4 Galvanised steel, max. size 2x3 m	-



ESP 40x40/2

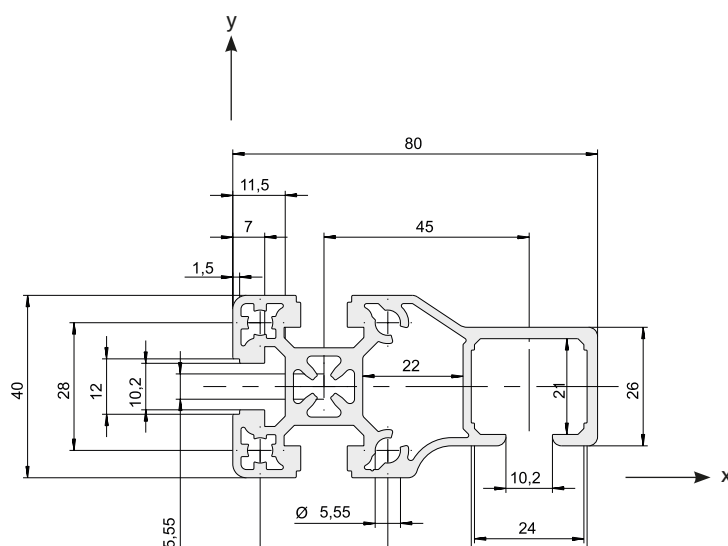
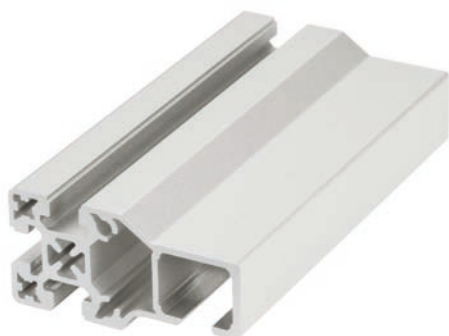


Code No. Inserting profile ESP 40x40			Anodised
4945000	Cut to size	max. 6000 mm	Clear
4945001	Bar	6000 mm	Clear

Area	457	mm ²
I _x	6.3	cm ⁴
I _y	7.7	cm ⁴
W _x	3.0	cm ³
W _y	3.6	cm ³
Weight	1234	g/m

Code No.	Type	lot sizes
4212406	Corner joint KL 40	10, 20, 30... pcs
4016579	Wire mesh 40x40x4 Galvanised steel, max. size 2x3 m	—

STP-40



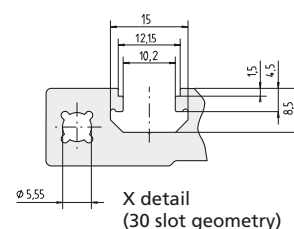
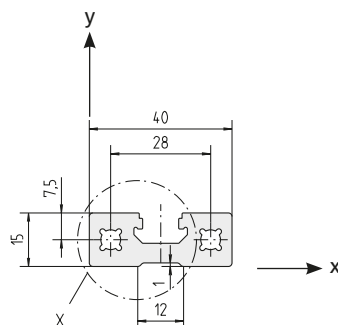
Code No. Sliding door profile STP-40			Anodised
4185000	Cut to size	max. 6000 mm	Clear
4185001	Bar	6000 mm	Clear

Area	815	mm ²
I _x	12.5	cm ⁴
I _y	46.5	cm ⁴
W _x	6.1	cm ³
W _y	9.7	cm ³
Weight	2199	g/m

Connection	Slot geometry	Flange bracket	lot sizes	Code No.
long. + transverse	30	40	10, 20, 30... pcs	4816703
	40	40	10, 20, 30... pcs	4816702

Special profiles / size 15

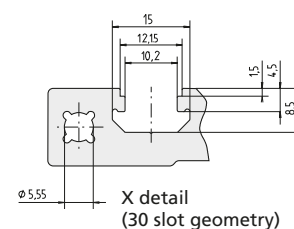
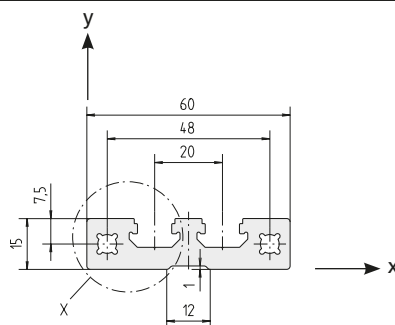
15x40



Area	421	mm ²
I _x	0.8	cm ⁴
I _y	6.6	cm ⁴
W _x	1.3	cm ³
W _y	3.3	cm ³
Weight	1137	g/m

Code No. Profile 15x40				Anodised
4385000	Cut to size	max. 3000 mm		Clear
4385001	Bar	3000 mm		Clear
Connection	Quantity required per conn.	Slot geometry	Flange bracket	Code No.
 long.	2	30	15	4386704
	2	40	15	4386705

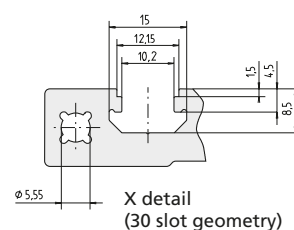
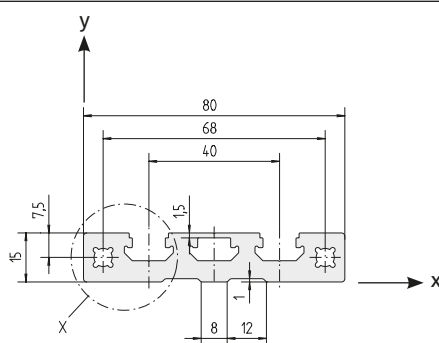
15x60



Area	619	mm ²
I _x	1.2	cm ⁴
I _y	21.0	cm ⁴
W _x	1.9	cm ³
W _y	7.0	cm ³
Weight	1670	g/m

Code No. Profile 15x60				Anodised
4345000	Cut to size	max. 3000 mm		Clear
4345001	Bar	3000 mm		Clear
Connection	Quantity required per conn.	Slot geometry	Flange bracket	Code No.
 long.	2	30	15	4386704
	2	40	15	4386705

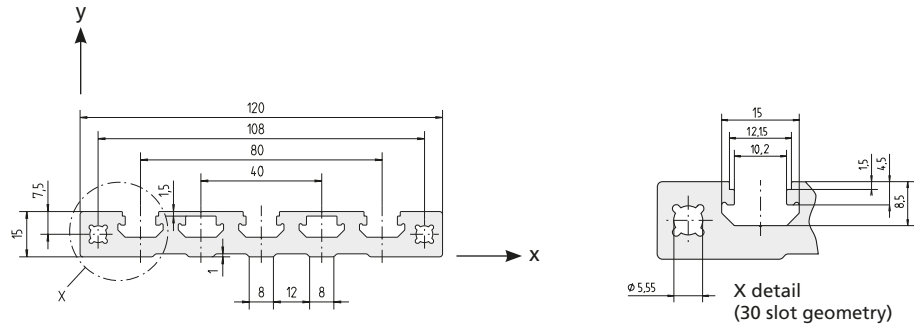
15x80



Area	823	mm ²
I _x	1.7	cm ⁴
I _y	47.8	cm ⁴
W _x	2.5	cm ³
W _y	11.9	cm ³
Weight	2220	g/m

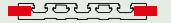
Code No. Profile 15x80				Anodised
4355000	Cut to size	max. 3000 mm		Clear
4355001	Bar	3000 mm		Clear
Connection	Quantity required per conn.	Slot geometry	Flange bracket	Code No.
 long.	2	30	15	4386704
	2	40	15	4386705

15x120

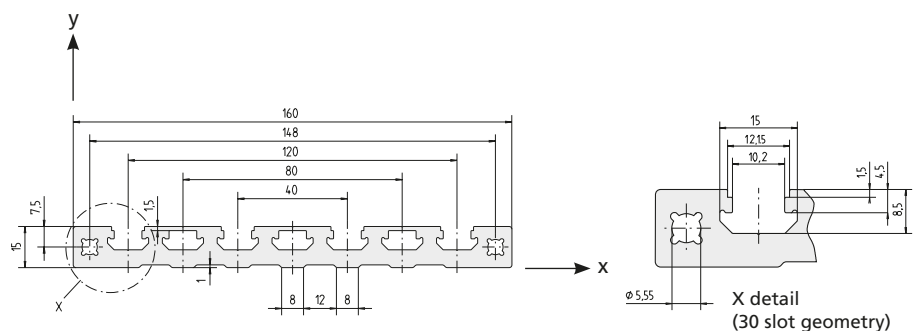


Code No. Profile 15x120			Anodised
4365000	Cut to size	max. 6000 mm	Clear
4365001	Bar	6000 mm	Clear

Area	1213	mm ²
I _x	2.4	cm ⁴
I _y	154.9	cm ⁴
W _x	3.6	cm ³
W _y	25.8	cm ³
Weight	3270	g/m

Connection	Quantity re-quired per conn.	Slot geometry	Flange bracket	Code No.
 long.	2	30	15	4386704
	2	40	15	4386705

15x160



Code No. Profile 15x160			Anodised
4375000	Cut to size	max. 6000 mm	Clear
4375001	Bar	6000 mm	Clear

Area	1602	mm ²
I _x	3.1	cm ⁴
I _y	359.0	cm ⁴
W _x	4.8	cm ³
W _y	44.9	cm ³
Weight	4320	g/m

Connection	Quantity re-quired per conn.	Slot geometry	Flange bracket	Code No.
 long.	2	30	15	4386704
	2	40	15	4386705

Special profiles M-BLOCAN®/ size 20

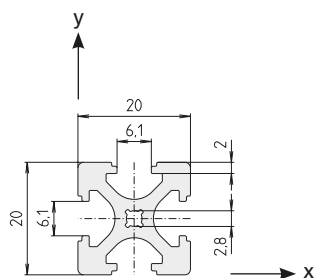
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

F-20x20



Area	198	mm ²
I _x	0.8	cm ⁴
I _y	0.8	cm ⁴
W _x	0.8	cm ³
W _y	0.8	cm ³
Weight	533	g/m



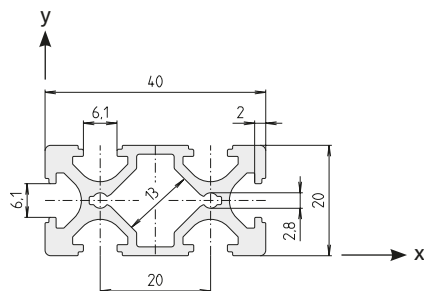
Code No. Profile F-20x20			Anodised
E01000BBA	Cut to size	max. 3000 mm	Clear
E01000BBC	Bar	3000 mm	Clear

Connection	To slot geom.	Flange bracket kit	lot sizes	Code No.
long.+ transverse	20	F-20x20	10, 20, 30... pcs	E01007AAE
	30	Adapter	–	E01009AAE
	40	Adapter	–	E01012AAE

F-20x40



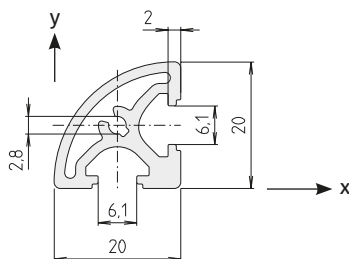
Area	313.2	mm ²
I _x	1.31	cm ⁴
I _y	5.39	cm ⁴
W _x	1.31	cm ³
W _y	2.69	cm ³
Weight	846	g/m



Code No. Profile F-20x40			Anodised
E03000BBA	Cut to size	max. 6000 mm	Clear
E03000BBC	Bar	6000 mm	Clear

Connection	To slot geom.	Flange bracket kit	lot sizes	Code No.
transverse	20	F-20x40	10, 20, 30... pcs	2x E01007AAE
	20	F-20x40	10, 20, 30... pcs	E03007AAE
long.	30	Adapter	–	E03009AAE
	40	Adapter	–	E03012AAE

F-R 20

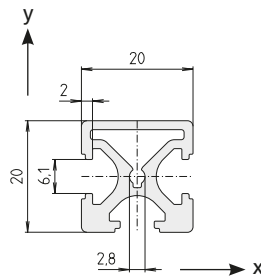
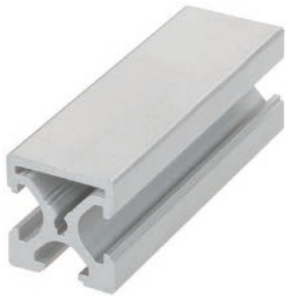


Code No. Profile F-R 20			Anodised
E02000BBA	Cut to size	max. 3000 mm	Clear
E02000BBC	Bar	3000 mm	Clear

Connection	To slot geom.	Flange bracket kit	lot sizes	Code No.
long. + transverse	20	F-R 20	10, 20, 30... pcs	E02007AAE
	30	Adapter	–	E07009AAE
	40	Adapter	–	E07012AAE

Area	154.50	mm ²
I _x	0.54	cm ⁴
W _x	0.63	cm ³
W _y	0.48	cm ³
Weight	416	g/m

F-G 20x20

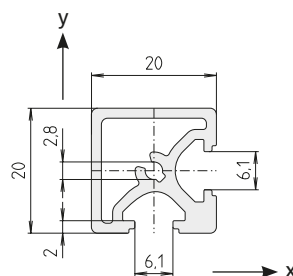


Area	182.00	mm ²
I_x	0.77	cm ⁴
I_y	0.71	cm ⁴
W_x	0.792	cm ³
W_y	0.714	cm ³
Weight	491	g/m

Code No. Profile F-G 20x20			Anodised
E07000BBA	Cut to size	max. 3000 mm	Clear
E07000BBC	Bar	3000 mm	Clear

Connection	To slot geom.	Flange bracket kit	lot sizes	Code No.
 Long	20	F-G 20x20	10, 20, 30... pcs	E01007AAE
	30	Adapter	–	E01009AAE
	40	Adapter	–	E01012AAE
 Short	20	F-G 20x20	10, 20, 30... pcs	E07007AAE
	30	Adapter	–	E07009AAE
	40	Adapter	–	E07012AAE

F-GG 20x20



Area	166.00	mm ²
I_x	0.72	cm ⁴
W_x	0.74	cm ³
W_y	0.70	cm ³
Weight	450	g/m

Code No. Profile F-GG 20x20			Anodised
E08000BBA	Cut to size	max. 3000 mm	Clear
E08000BBC	Bar	3000 mm	Clear

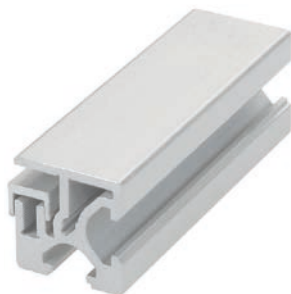
Connection	To slot geom.	Flange bracket kit	lot sizes	Code No.
 Short	20	F-GG 20x20	10, 20, 30... pcs	E07007AAE
	30	Adapter	–	E07009AA
	40	Adapter	–	E07012AAE

Special profiles M-BLOCAN®/ size 20

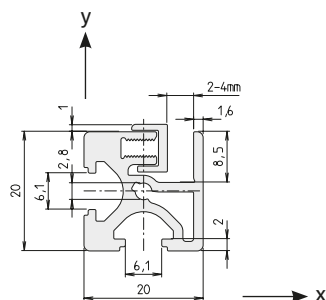
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Clamping profile KL 20x20



Area	182.90	mm ²
I _x	0.70	cm ⁴
I _y	0.74	cm ⁴
W _x	0.79	cm ³
W _y	0.80	cm ³
Weight	493	g/m

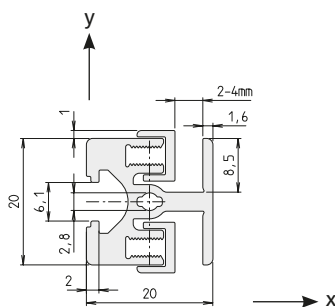


Code No. Profile KL 20x20			Anodised
E04000BBB	Cut to size	max. 3000 mm	Clear
E04000BBD	Bar	3000 mm	Clear
Code No. Corner joint	Type	lot sizes	
E04036BHE	KL 20x20	10, 20, 30... pcs	

Clamping profile KLD 20x20



Area	185.50	mm ²
I _x	0.69	cm ⁴
I _y	0.71	cm ⁴
W _x	0.69	cm ³
W _y	0.79	cm ³
Weight	500	g/m

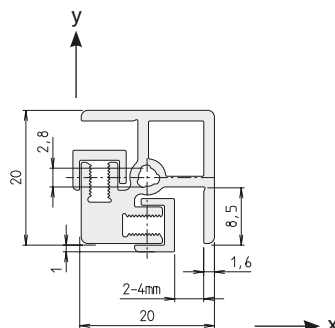


Code No. Profile KLD 20x20			Anodised
E05000BBB	Cut to size	max. 3000 mm	Clear
E05000BBD	Bar	3000 mm	Clear
Code No. Corner joint	Type	lot sizes	
E00041BHE	KLK 20x20	-	

Clamping profile KLE 20x20



Area	170.90	mm ²
I _x	0.67	cm ⁴
I _y	0.67	cm ⁴
W _x	0.64	cm ³
W _y	0.71	cm ³
Weight	462	g/m



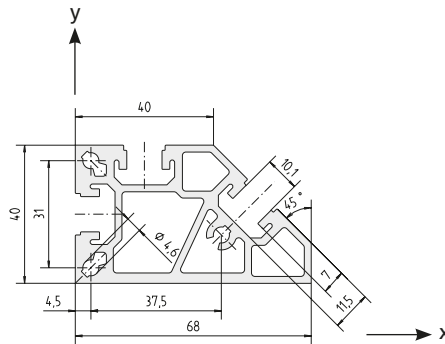
Code No. Profile KLE 20x20			Anodised
E09000BBB	Cut to size	max. 3000 mm	Clear
E09000BBD	Bar	3000 mm	Clear
Code No. Corner joint	Type	lot sizes	
E09035BHE	KLE 20x20	10, 20, 30... pcs	



Special profiles / size 40

RK ROSE+KRIEGER

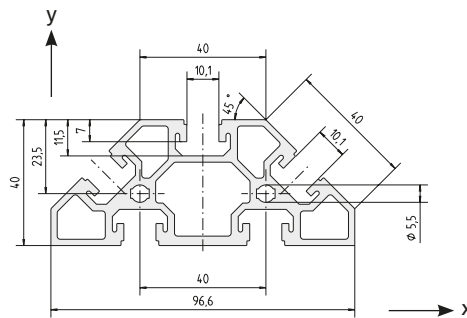
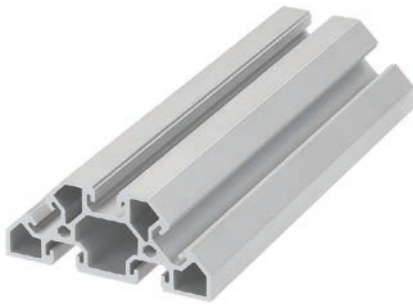
2x40



Area	838	mm ²
I_x	14.2	cm ⁴
I_y	32.8	cm ⁴
W_x	7.9	cm ³
W_y	11.3	cm ³
Weight	2262	g/m

Code No. Profile 2x40			Anodised
4155000	Cut to size	max. 6000 mm	Clear
4155001	Bar	6000 mm	Clear

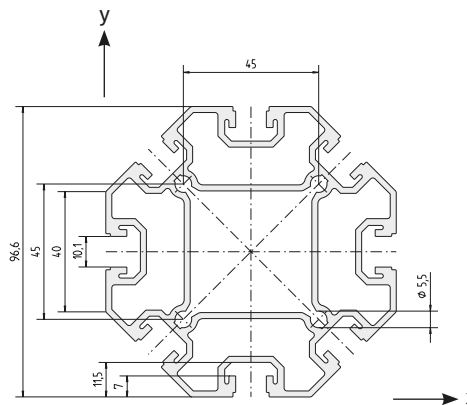
3x40



Area	1019	mm ²
I_x	14.8	cm ⁴
I_y	68.2	cm ⁴
W_x	8.8	cm ³
W_y	14.1	cm ³
Weight	2751	g/m

Code No. Profile 3x40			Anodised
4255000	Cut to size	max. 6000 mm	Clear
4255001	Bar	6000 mm	Clear

8x40



Area	1700	mm ²
I_x	133.4	cm ⁴
I_y	133.4	cm ⁴
W_x	27.6	cm ³
W_y	27.6	cm ³
Weight	4590	g/m

Code No. Profile 8x40			Anodised
4055000	Cut to size	max. 6000 mm	Clear
4055001	Bar	6000 mm	Clear

Right-angle connections

Versions

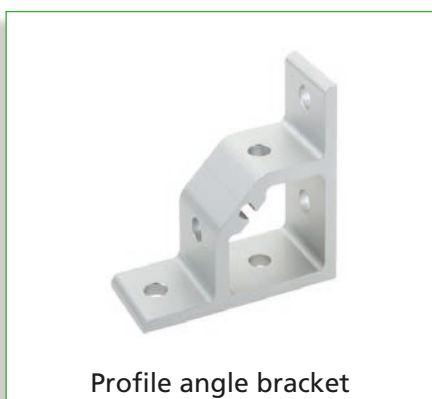
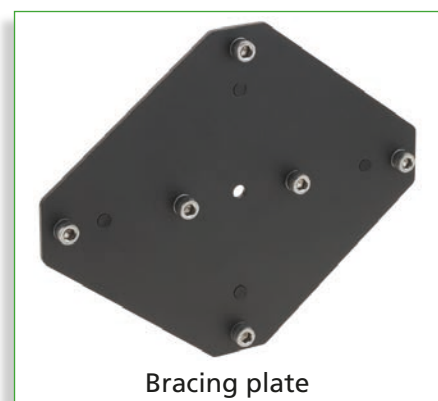


Table of contents

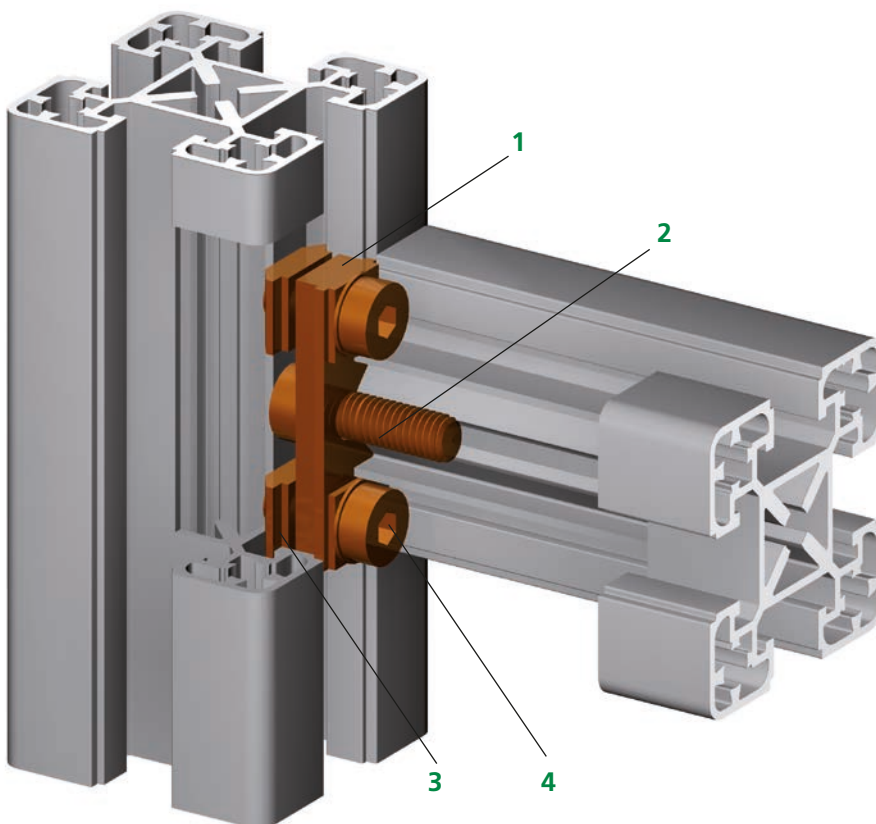
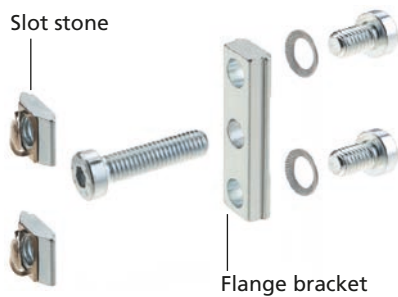
Connection techniques

Right-angle connections	■ Flange bracket connectionp. 214
	■ Flange bracketsp. 216
	■ Slot stone -L/E-p. 218
	■ Hidden screw set -B-p. 218
	■ Compatibility connectorp. 219
	■ Bracing platep. 220
	■ Connecting plate.....p. 222
	■ Profile angle bracketp. 224
	■ Angle brackets -cast-.....p. 226
	■ Angle brackets -sheet steel-p. 230
	■ Corner clamp WVp. 231
	■ Corner jointp. 232

Right-angle connections

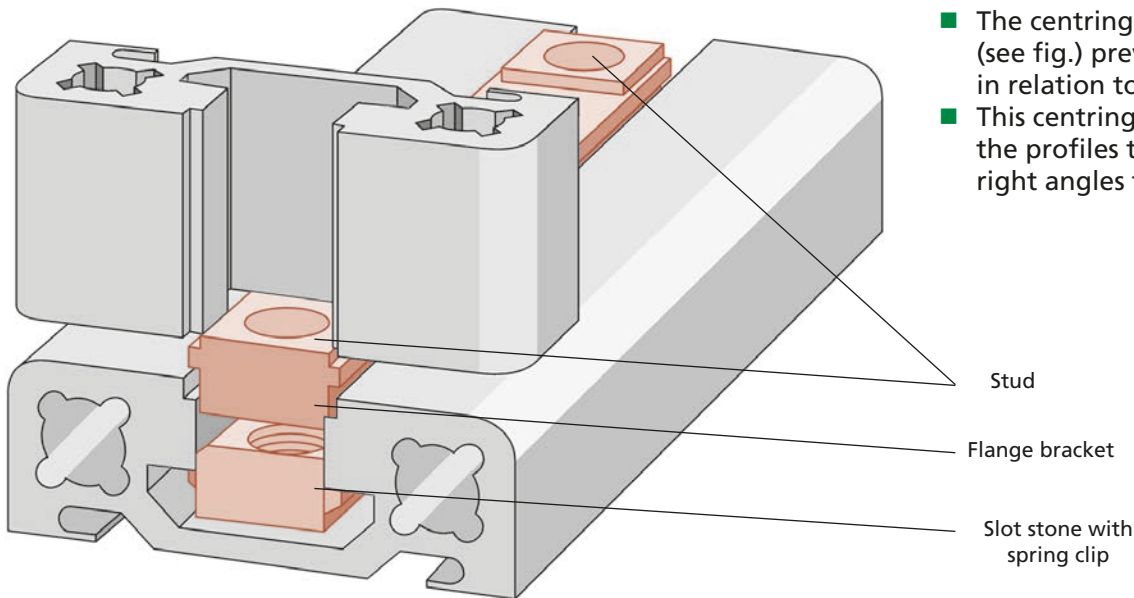
Flange bracket connection

- The flange bracket is the simplest and most cost-efficient method of connecting profiles.
- No additional machining necessary
- Direct fixing in the profile screw channels
- Direct insertion of RK expansion screws or standard DIN socket head cap screws
- Very stable
- Only a list of profile cut lengths is required
- Minimal effort required in construction
- Can be disconnected at any time



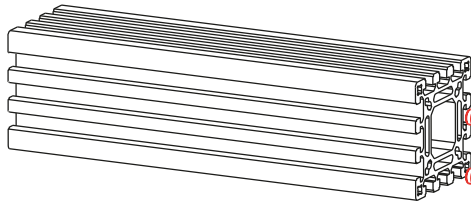
1. Flange bracket
2. Socket head cap screw/RK expansion screw
3. Slot stone with spring clip
4. Socket head cap screw

Position diagram

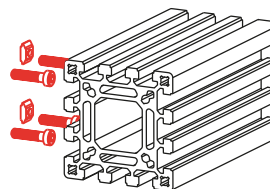


- The centring action of the studs (see fig.) prevent profile torsion in relation to one another
- This centring effect also allows the profiles to be assembled at right angles to each other.

Profile 1



Profile 2

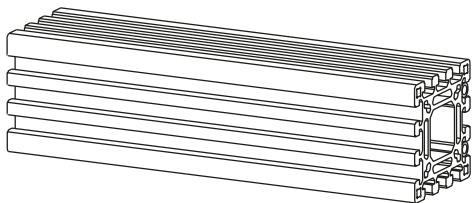


Step 1

Insert flange bracket (studs engage in profile slots) into profile 1 and fix with hexagon socket screws

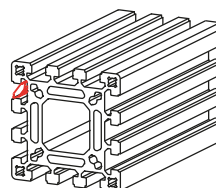
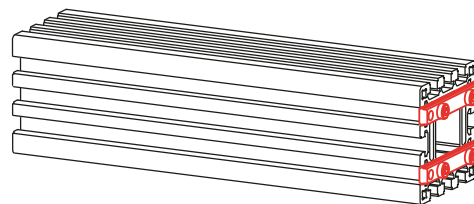
Self-centred by studs

Cutting oil and using a drill make it easier to insert the screws.



Step 2

Slide/insert the slot stones with spring clip into profile 2 and slide them into the correct position.



Step 3

Put the two profiles together and connect the flange bracket to the slot stones with spring clip.

Right-angle connections

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below
- Each Code No. includes one flange bracket and fastenings.
Depending on the orientation of the connection (longitudinal or transverse), the appropriate number of flange brackets must be ordered.

Flange brackets

- For static loads



Flange bracket "extra long" (EL) for larger profile cross-sections



Flange slot stone -N- (N)



- For low dynamic loads
(For RK expansion screw, please see page 259)



Code No.	Type	lot sizes	To slot geom.	For profile (quantity required per connection)
4386704	15	–	30	15x40 (2), 15x60 (2), 15x80 (2), 15x120 (2), 15x160 (2)
4386705	15	–	40	15x40 (2), 15x60 (2), 15x80 (2), 15x120 (2), 15x160 (2)
4566700	40 (K)	–	30	F-G 40x40 (1x), F-GG 40x40 (1x), F-3G 40x40 (1x)
4566701	40 (K)	–	40	F-G 40x40 (1x), F-GG 40x40 (1x), F-3G 40x40 (1x)
4546700	40 (N)	–	40	F-G 40x40 (1x), F-G 40x80 (1x), F-GG 40x40 (1x), F-3G 40x40 (1x), F-GG 40x80 (2x)
4A66700	50 (N)	–	40	F-G 50x50 (1x), F-GG50x50 (1x), F-3G 50x50 (1x)
4A26700	60 (N)	–	40	F-G 60x60 (1x), F-2G 60x60 (1x), F-3G 60x60 (1x)
4586702	80 (EL)	–	40	F-GG 40x80 (1x), F-G 80x80 (2x), F-3G 80x120-A (2x)
4586703	80 (N)	–	40	F-G 80x80 (2x), F-GG 80x80 (2x)
4966700	120 (A)	–	40	F-3G 80x120-A (2x)

Code No.	Type	lot sizes	To slot geom.	For profile (quantity required per connection)
4306709	30	10, 20, 30... pcs	30	F-G 30x30 (1x), F-2G 30x30 (1x)
4306710	30	10, 20, 30... pcs	40	F-G 30x30 (1x), F-2G 30x30 (1x)
4106702	30 (K)	10, 20, 30... pcs	30	F-G 30x30 (1x) F-GG 30x30 (1x), F-3G 30x30 (1x), F-R 30 (1x)
4106703	30 (K)	10, 20, 30... pcs	40	F-G 30x30 (1x), F-GG 30x30 (1x), F-3G 30x30 (1x)
4816703	40	10, 20, 30... pcs	30	F-G 40x40 (1x), F-2G 40x40 (1x)
4816702	40	10, 20, 30... pcs	40	F-G 40x40 (1x), F-2G 40x40 (1x)
4086706	50	10, 20, 30... pcs	30	F-G 50x50 (1x), F-2G 50x50 (1x),
4086702	50	10, 20, 30... pcs	40	F-G 50x50 (1x), F-2G 50x50 (1x),
4226706	60	10, 20, 30... pcs	30	F-G 60x60 (1x), F-2G 60x60 (1x)
4226702	60	10, 20, 30... pcs	40	F-G 60x60 (1x), F-2G 60x60 (1x)
4316706	80	10, 20, 30... pcs	30	F-GG 40x80 (1x), F-G 40x80 (1x), F-G 80x80 , F-2G 80x80 (2x)
4246702	80	10, 20, 30... pcs	40	F-GG 40x80 (1x), F-G 40x80 (1x), F-G 80x80, F-2G 80x80 (2x)

Code No.	Type	lot sizes	To slot geom.	For profile (quantity required per connection)
4246700	80	–	40	F-G 80x80 (2x),

Required number of flange brackets to fully assemble two profiles.

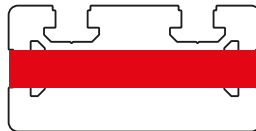
Flange brackets

- With equipotential bonding

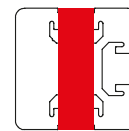
- The -PA- slot stones have an equipotential bonding effect by destroying the anodised layer.



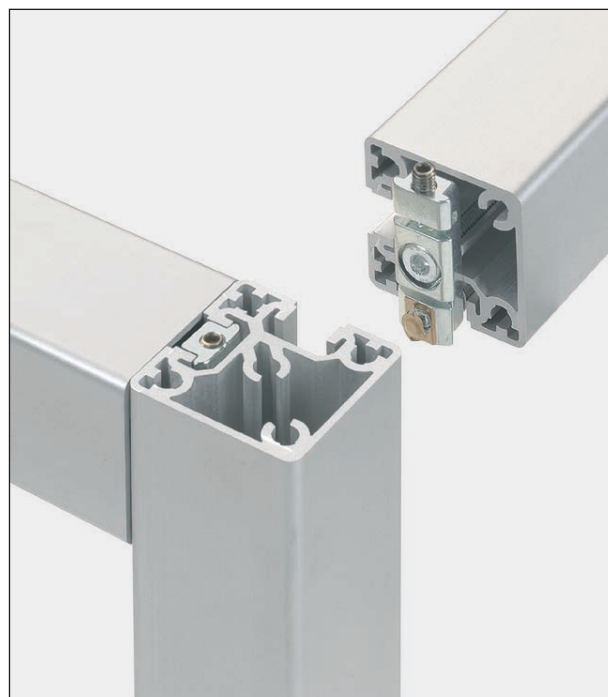
Code No.	Type	lot sizes	To slot geom.	For profile (quantity required per connection)
4306c09	30	–	30	F-G 30x30 (1x), F-2G 30x30 (1x)
4816c02	40	–	40	F-G 40x40 (1x), F-2G 40x40 (1x)
4086c02	50	–	40	F-G 50x50 (1x), F-2G 50x50 (1x)
4226c02	60	–	40	F-G 60x60 (1x), F-2G 60x60 (1x)
4246c02	80	–	40	F-G 40x80 (1x), F-G 80x80, F-2G 80x80 (2x)



F-G 40x80 profile
Connection -long.-
(to 40 slot geometry) 1x
Code No. 4246c02



F-G 40x40 profile
Connection -transverse-
(to 40 slot geometry) 1x
Code No. 4816c02

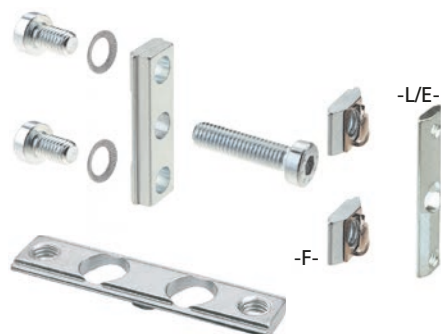


Right-angle connections

Order instruction:

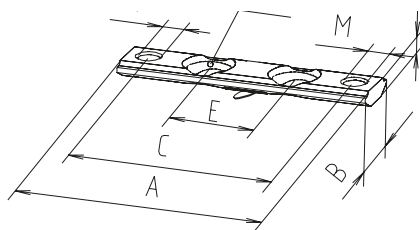
- Purchase only in lot sizes and amultiple of that see product table below

Slot stone -L/E- II (with hole)

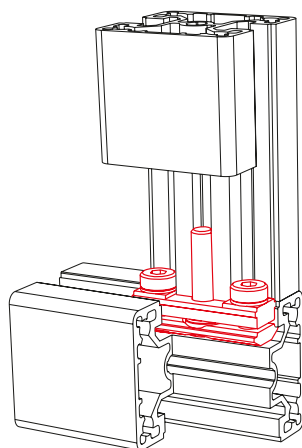


- The greater supporting surface reduces the surface pressure
- In the flange bracket sets, the standard -F- slot stones can be replaced by -L/LE- slot stones with hole.

Material: Galvanised steel



Only have one hole:
Slot stones -L- II types M5 / 29, M6 / 38
Slot stone -E- II type M6 / 38



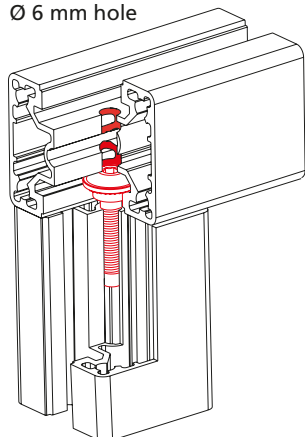
[mm]

Code No.	Type	lot sizes	Slot geom.	A	B	C	D	E	F	M
Slot stone -L- II										
4006207	M5 / 29	10, 20, 30... pcs	30	29	12	21.5	4	0	8.5	M5
4016206	M6 / 38	10, 20, 30... pcs	40	38	14	28	4	0	10.2	M6
4016207	M6 / 48	10, 20, 30... pcs	40	48	14	38	4	15.5	10.2	M6
4016208	M6 / 58	10, 20, 30... pcs	40	58	14	48	4	20	10.2	M6
4046206	M6 / 78	10, 20, 30... pcs	40	78	14	68	4	40	10.2	M6
Slot stone -E- II (slide-in)										
4006224	M6 / 38	10, 20, 30... pcs	40	38	16.5	28	3.8	0	10.2	M6
4006239	M6 / 58	10, 20, 30... pcs	40	58	16.5	48	3.8	15.5	10.2	M6
4006240	M6 / 78	10, 20, 30... pcs	40	78	16.5	68	3.8	40	10.2	M6

Hidden screw set -B- (shoulder screw)



Ø 6 mm hole



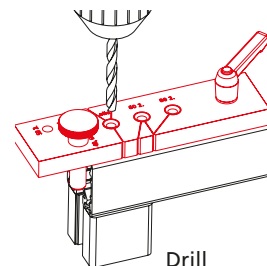
- Cost-effective connection technique for profiles with 30 and 40 slot geometry.

- Self-tapping – Threading not required

Material: Galvanised steel

Assembly:

1. Drill a 6 mm hole (e.g. with RK drilling fixture) at the required position in the crossing profile.
2. Insert the hidden screw into the profile slot as far as the hole.
3. Insert T-handle key through the hole and into the shoulder screw and screw the two profiles to one another.



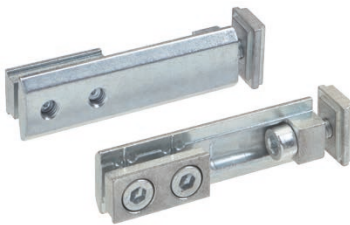
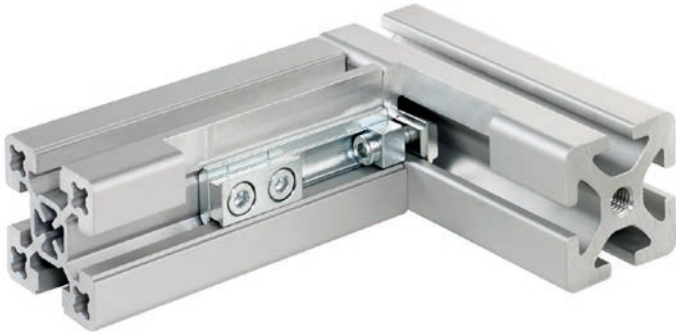
Code No.	Type	lot sizes	Type
4576510	F-30x30	10, 20, 30... pcs	Hidden screw -B- M5x25
4816510	F-40x40		Hidden screw -B- M6x30
4016516	–	–	Drilling fixture for hidden scrwe -B-



Compatibility connector 40

- The compatibility connector allows BLOCAN® profiles to be connected to aluminium profiles of other manufacturers.

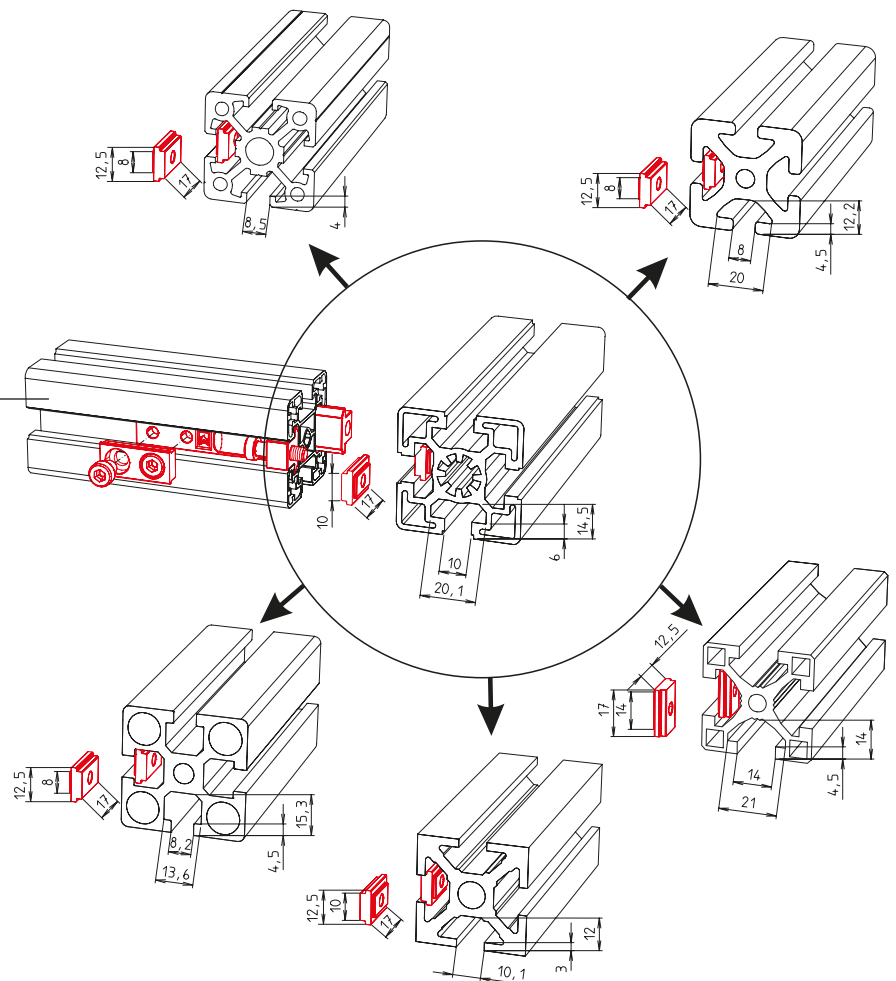
Material: Galvanised steel
Includes:
2 connectors with fastenings



Code No.	Type	Suitable for slot widths
4016581	Compatibility connector 40	8, 10, 14 mm

Position diagram

RK profile, 40 slot geometry



Right-angle connections

Bracing plates

Features:

- Superficial bracing of the three most important junctions L, T, X

Panels and wire mesh do not need to be notched, as is usually the case with angle brackets.

Material:

black powder-coated steel or grey powder-coated steel

Fixing material

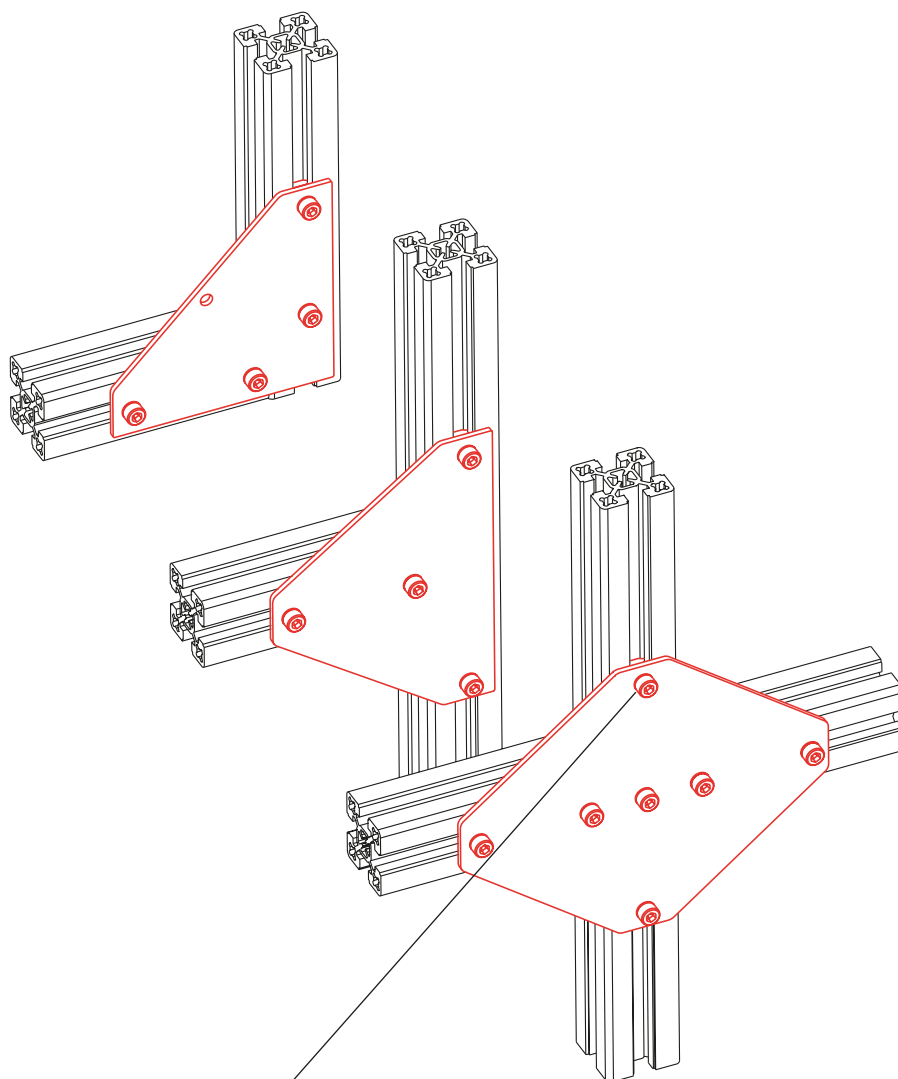
galvanised fastenings

Includes: Bracing plate complete with fixing sets

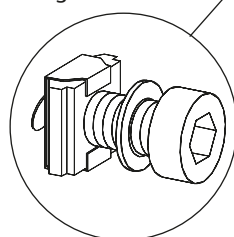
grey RAL 9006

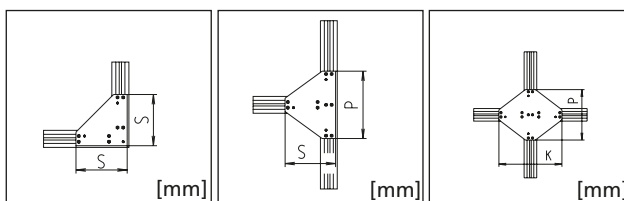


black RAL 9005



Fixing set





Code No.	Type	Wall thickness	Type L	Type T	Type X	colour
4002113	30x30	3 mm	S = 90			grey
4002183	30x30	3 mm		S = 90 / P = 120		grey
4002111	30x30	3 mm	S = 90			black
4002181	30x30	3 mm		S = 90 / P = 120		black
4002191	30x30	3 mm			P = 120 / K = 150	black
4012113	40x40	3 mm	S = 120			grey
4012183	40x40, 40x40-L	3 mm		S = 120 / P = 160		grey
4012111	40x40, 40x40-L	3 mm	S = 120			black
4012181	40x40, 40x40-L	3 mm		S = 120 / P = 160		black
4012191	40x40, 40x40-L	3 mm			P = 160 / K = 200	black
4082113	F-50x50, F-50x50-L	4 mm	S = 150			grey
4082183	F-50x50, F-50x50-L	4 mm		S = 150 / P = 200		grey
4082111	F-50x50, F-50x50-L	4 mm	S = 150			black
4082181	F-50x50, F-50x50-L	4 mm		S = 150 / P = 200		black
4082191	F-50x50, F-50x50-L	4 mm			P = 200 / K = 250	black
4122113	F-60x60	4 mm	S = 180			grey
4122183	F-60x60	4 mm		S = 180 / P = 240		grey
4122111	F-60x60	4 mm	S = 180			black
4122181	F-60x60	4 mm		S = 180 / P = 240		black
4122191	F-60x60	4 mm			P = 240 / K = 300	black
4222113	F-60x60-L, F-60x60/1	4 mm	S = 180			grey
4222183	F-60x60-L, F-60x60/1	4 mm		S = 180 / P = 240		grey
4222111	F-60x60-L, F-60x60/1	4 mm	S = 180			black
4222181	F-60x60-L, F-60x60/1	4 mm		S = 180 / P = 240		black
4222191	F-60x60-L, F-60x60/1	4 mm			P = 240 / K = 300	black
4242113	F-80x80-L	4 mm	S = 240			grey
4242183	F-80x80-L	4 mm		S = 240 / P = 320		grey
4242111	F-80x80-L	4 mm	S = 240			black
4242181	F-80x80-L	4 mm		S = 240 / P = 320		black
4242191	F-80x80-L	4 mm			P = 320 / K = 400	black
4042113	80x80, F-80x80/2-L, F-80x80/2	4 mm	S = 240			grey
4042183	80x80, F-80x80/2-L, F-80x80/2	4 mm		S = 240 / P = 320		grey
4042111	80x80, F-80x80/2-L, F-80x80/2	4 mm	S = 240			black
4042181	80x80, F-80x80/2-L, F-80x80/2	4 mm		S = 240 / P = 320		black
4042191	80x80, F-80x80/2-L, F-80x80/2	4 mm			P = 320 / K = 400	black

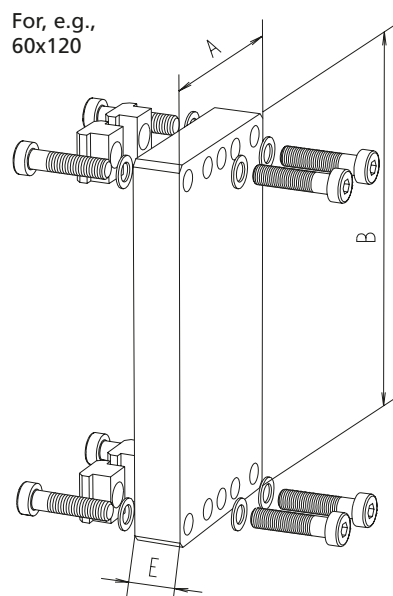
Bracing plates 60x120 and 80x160 (black) Typ L, T, X on request.
Bracing plates Type L, T, X aluminium on request.

Right-angle connections

Connecting plate



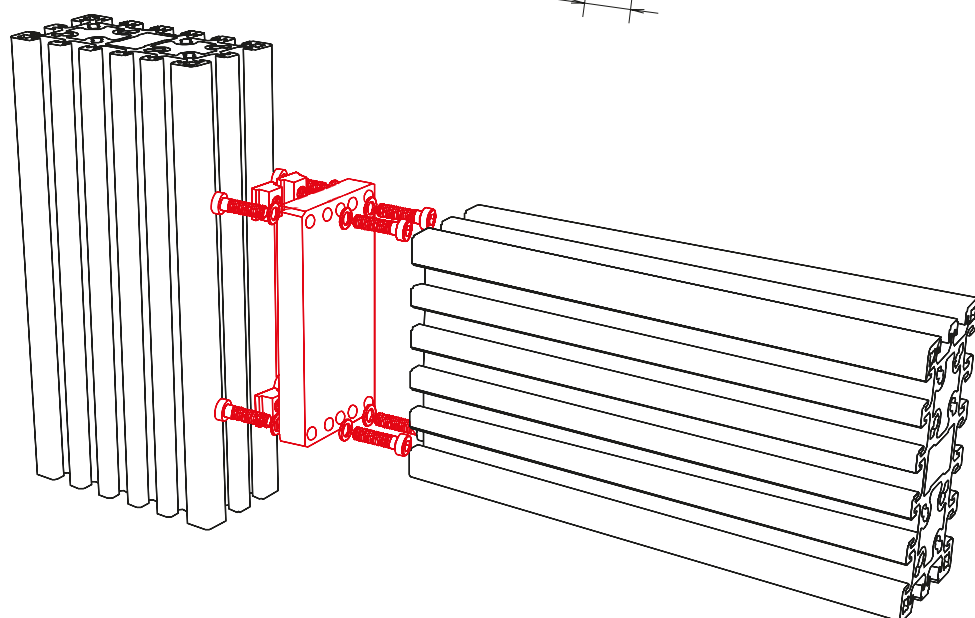
Slot stone -N-



- The connecting plates allow profiles to be fixed in the profile slots at the sides.

Material: Aluminium, galvanised steel fastenings

Includes: Connecting plate complete with accessories



Code No.	Type	A	B	E
Connecting plate connection – face-to-slot				
4645411	F-40x120	40	120	15
4655411	F-40x160	40	160	15
4085412	F-50x50, F-50x50-L, F-G/2G 50x50	50	50	15
4665411	F-50x100	50	100	15
4675411	F-50x200	50	200	15
4225412	F-60x60-L, F-60x60/1, F-G/2G 60x60	60	60	15
4125412	F-60x60	60	60	15
4065411	F-60x120	60	120	15
4035412	F-40x80, F-40x80/3	40	80	15
4045412	F-80x80, F-G/2G 80x80	80	80	15
4245412	F-80x80-L	80	80	15
4685411	F-80x120	80	120	15
4075411	F-80x160	80	160	15
4695411	F-100x100	100	100	15

Right-angle connections

Profile angle bracket Bar material

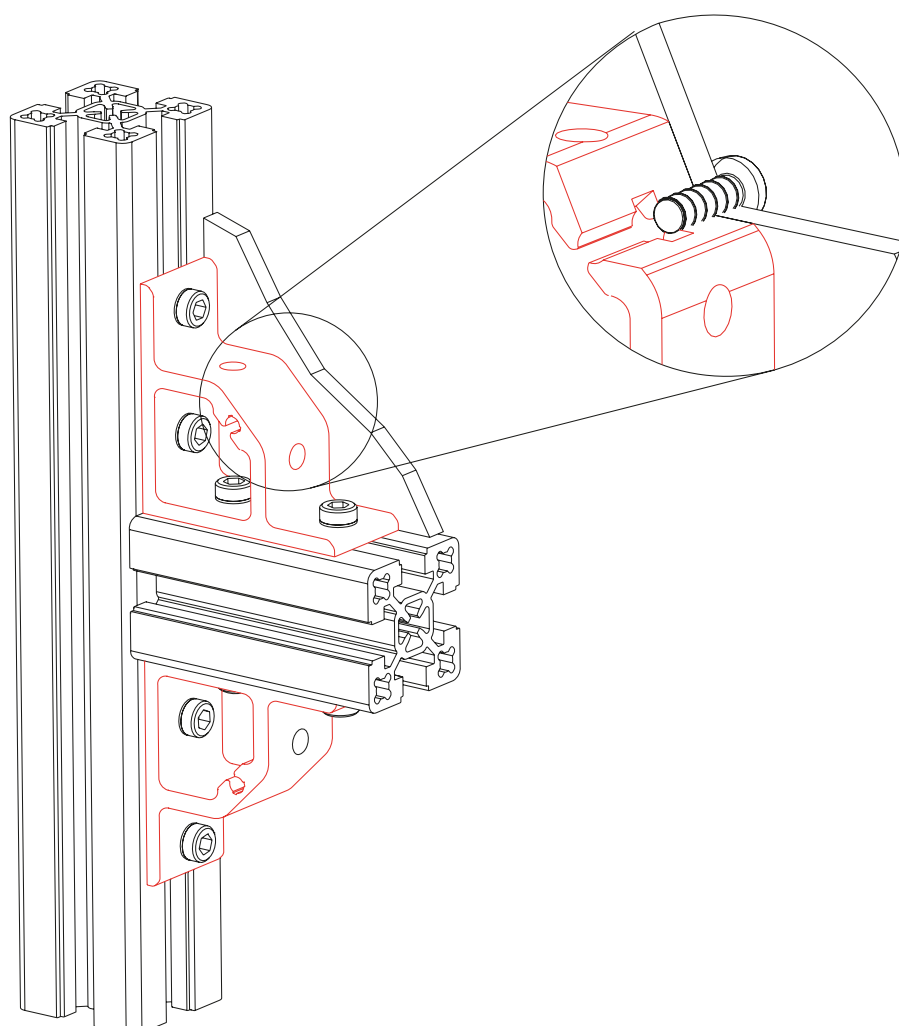
- Made from aluminium extruded profiles.
- With integrated screw channel for fastening panels.

Material: Aluminium.
Non-anodised bar
Angle tolerance $90^{\circ} \pm 5'$.

Fixing sets:
The angle brackets can be screwed to the profile with the fixing sets.

Further slot stone versions can be found on page 250

Includes:
1 screw with washer and slot stone.



For dimension table, please see opposite page

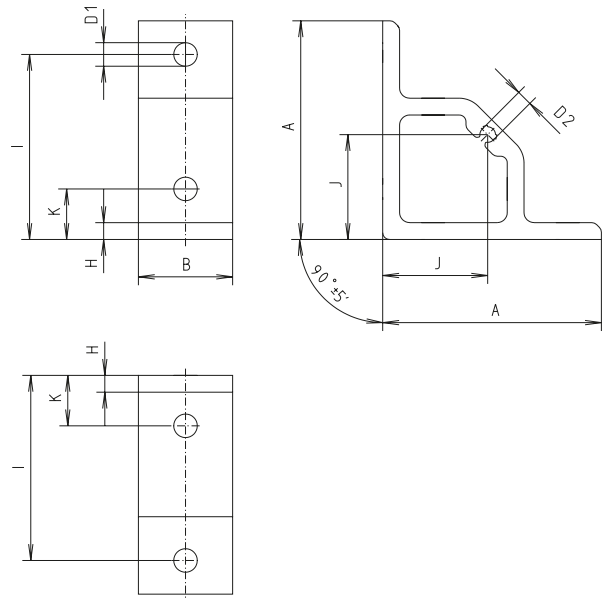
Code No.				
4010102	Size 1	Cut to required length	max. 3000 mm	Non-anodised
4010103		Bar	3000 mm	Non-anodised
4030102	Size 2	Cut to required length	max. 3000 mm	Non-anodised
4030103		Bar	3000 mm	Non-anodised



Order instruction:

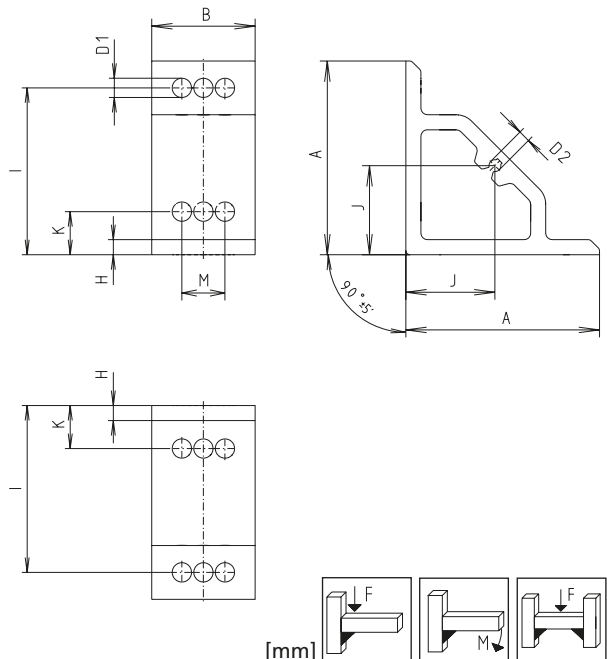
- Purchase only in lot sizes and a multiple of that see product table below

Profile angle bracket, size 1

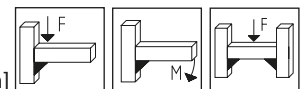


Profile angle bracket, size 2

Figure shows type 40



[mm]



Code No.	Type	Version	A	B	D1	D2	H	I	J	K	M	F [N]	M [Nm]	F [N]
4015101	40	Size 1	64.15	28	7	4.65	4.15	55	30.3	20	–	2500	25	5200
4085101	50	Size 1	64.15	38	7	4.65	4.15	55	30.3	15	–	2500	25	5200
4035101	40	Size 2	89.3	28	9	5.55	6.3	77.5	40.65	20	–	2500	25	5200
4125101	60	Size 2	89.3	48	9	5.55	6.3	77.5	40.65	20	20	5670	150	11550
4145101	80	Size 2	89.3	68	9	5.55	6.3	77.5	40.65	20	40	5670	150	11550

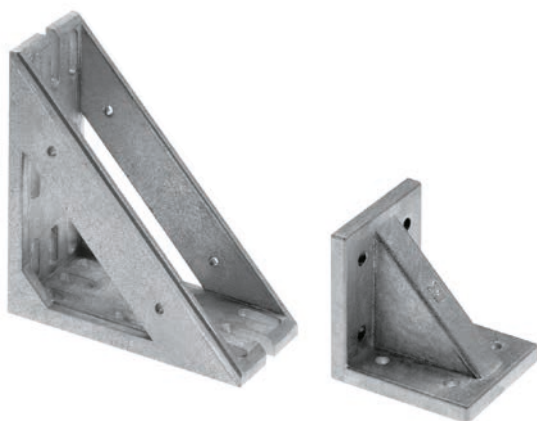
Code No.	Size	Version	lot sizes
Fixing sets (1 slot stone with screw, washer)			
4015105	1	M6x16, slot stone -N-	10, 20, 30... pcs
4035110	2	M8x18, slot stone -N-	10, 20, 30... pcs
4015106	1	M6x16, slot stone -K-	10, 20, 30... pcs
4035111	2	M8x18, slot stone -K-	10, 20, 30... pcs
4015107	1	M6x16, slot stone -R-	10, 20, 30... pcs
4035112	2	M8x18, slot stone -R-	10, 20, 30... pcs

Right-angle connections

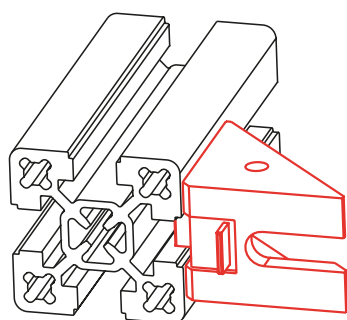
Angle bracket -cast-

- A centring rib simplifies assembly and prevents angle bracket torsion. If necessary, this rib can be bent with a pliers.
- Angle tolerance $90^{\circ} \pm 5'$.

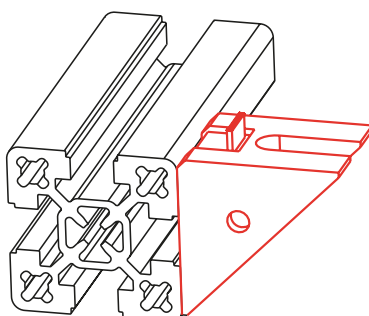
Material: Gravity die-cast aluminium



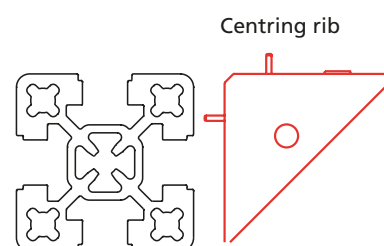
Material: Die-cast zinc



Angle bracket along the profile
Angle bracket is centred in the profile slot and prevents torsion.



Angle bracket perpendicular to the profile
Centring rib must be bent



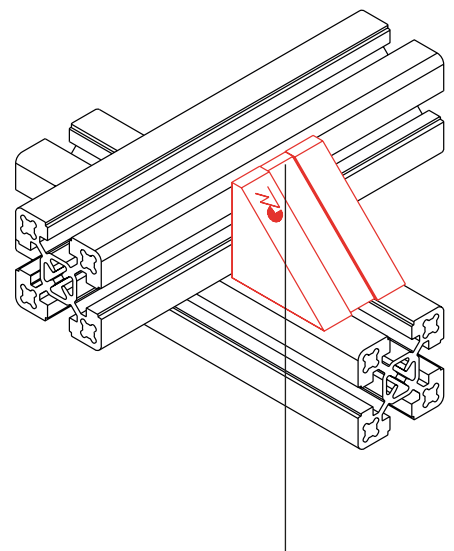
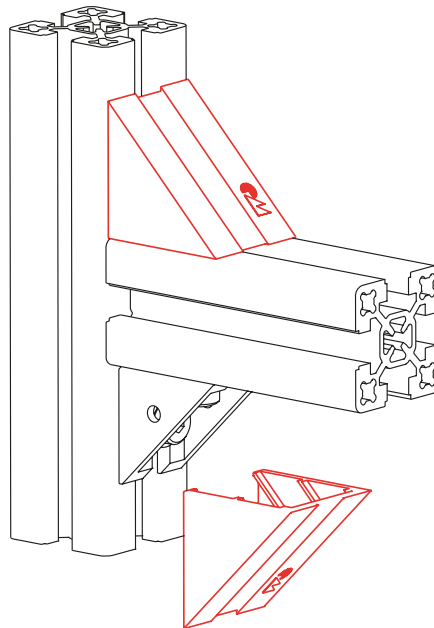
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Plastic cover for angle brackets

- For aesthetic effect or to protect against soiling, plastic covers may be placed on the angle brackets.

Material:
Black plastic

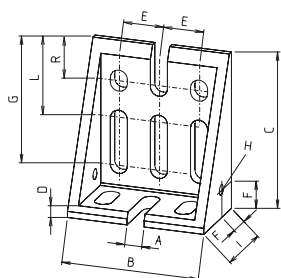


One side with chamfer for crossing connection with one angle bracket 40x40-2

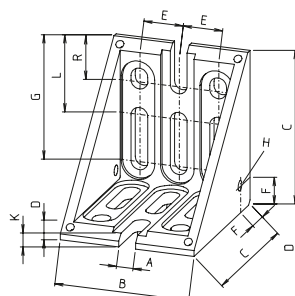
Code No.	Type	lot sizes
4008101	For angle bracket 30x30 (2 braces)	10, 20, 30... pcs
4018102	For angle bracket 40x40 (2 braces)	10, 20, 30... pcs
4018103	For angle bracket 40x40 (2 braces) with chamfer for crossing connection	10, 20, 30... pcs
4028101	For angle bracket 50/60	10, 20, 30... pcs

Right-angle connections

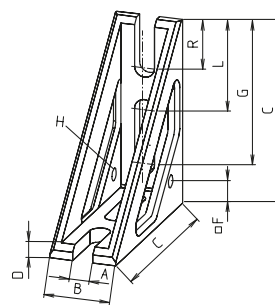
Cast angle bracket



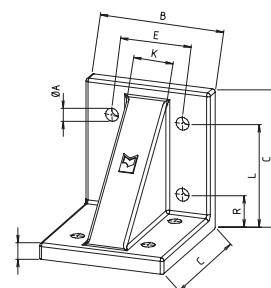
Angle bracket 80x40x80
Gravity die-cast aluminium



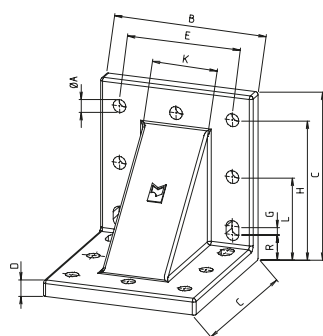
Angle bracket 80
Die-cast zinc



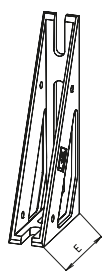
Angle bracket 40x80
Gravity die-cast aluminium



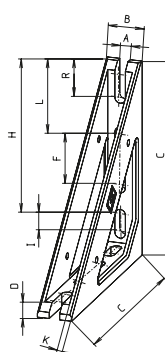
Angle bracket 100
Gravity die-cast aluminium



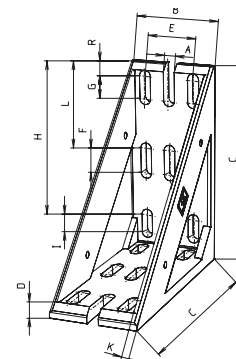
Angle brackets 120 + 160
Gravity die-cast aluminium



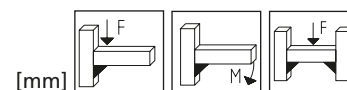
Angle bracket 40x80x160
Gravity die-cast aluminium



Angle bracket 40x160
Gravity die-cast aluminium



Angle bracket 80x160
Gravity die-cast aluminium

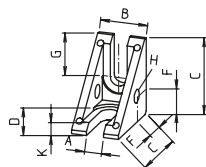


Code No.	Type	Version	A	B	C	D	E	F	G	H	I	O	L	R	F [N]	M [Nm]	F [N]
Cast angle bracket																	
4044102	80x40x80	2 braces	8.5	68	78	6	20	14	61	5.2	38	—	38	19	3000/4300	180/200	4000/14700
4044101	80	2 braces	8.5	68	78	8	20	14	61	5.2	—	6	38	20	9200	550	14700
4034100	40x80	2 braces	8.5	28	78	6	—	14	61	5.2	—	—	38	20	1300	180	4600
4695100	100	—	9	88	98	11	50	—	—	—	—	28	75	25	8800	700	13200
4165100	120	—	9	108	118	11	80	—	5	100	—	46	60	20	14500	1200	21750
4014100	40x80x160	2 braces	8.5	28	158	6	78	45	—	123	15	4	56	28	1600/2500	180	—
4654100	40x160	2 braces	8.5	28	158	11	—	45	—	123	15	4	56	28	2500	250	—
4444100	160	—	9	148	158	11	120	—	5	140	—	78	80	20	16800	1700	25200
4074100	80x160	2 braces	9	68	158	11	40	20	18	95	15	5.5	70	12	12800	1500	19200

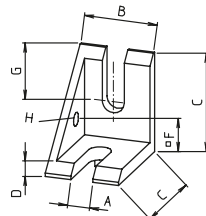


Order instruction:

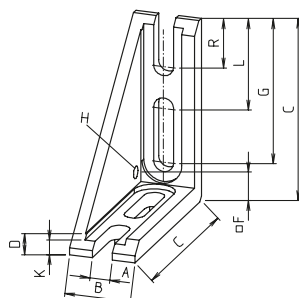
- Purchase only in lot sizes and amultiple of that see product table below



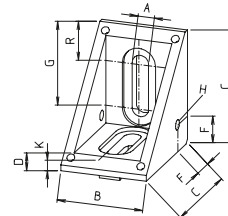
Angle brackets 30 + 40
Die-cast zinc



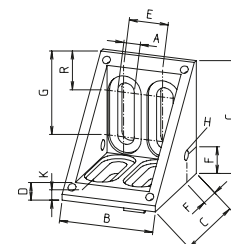
Angle bracket 40-1
Die-cast zinc



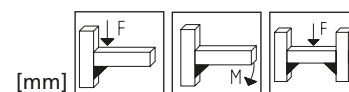
Angle bracket 40x80-1
Die-cast zinc



Angle bracket 50/60
Die-cast zinc



Angle bracket F-60x60
Die-cast zinc



Code No.	Type	lot sizes	Version	A	B	C	D	E	F	G	H	I	O	L	R	F [N]	M [Nm]	F [N]
Cast angle bracket																		
4004101	30	10, 20, 30... pcs	2 braces	6.5	18	29	5	—	10	15	5.2	—	4	—	—	1100	20	2600
4014101	40-1	10, 20, 30... pcs	1 brace	8.4	28	38	5	—	14	19	5.2	—	—	—	—	2200	45	4000
4014102	40	10, 20, 30... pcs	2 braces	8.4	28	38	5	—	14	19	5.2	—	—	—	—	2200	60	4000
4034101	40x80-1	10, 20, 30... pcs	1 brace	8.5	28	78	8	—	14	61	5.2	—	6	38	20	3700	180	6500
4024101	50/60	10, 20, 30... pcs	2 braces	8.5	44	58	8	—	14	41	5.2	—	6	—	18	4500	280	8000
4124101	F-60x60	10, 20, 30... pcs	2 braces	8.5	48	58	8	20	14	40	5.2	—	6	—	17	4500	280	8000

Fixing sets

Fixing sets:

The angle brackets can be screwed to the profile with the fixing sets.

Material: Galvanised steel

Further slot stone versions can be found on page 250 - 258

Includes:

1 screw with washer and slot stone.



Fixing set with slot stone -N-
(Slot stone is slid into the slot from the side)



Fixing set with slot stone -K-
(Slot stone can be inserted edge-first into the slot retrospectively)



Fixing set with slot stone -R-
(Slot stone can be inserted into the slot retrospectively and twisted into position)

Code No.	Type	lot sizes	Version
Fixing sets			
4004110	30	10, 20, 30... pcs	M6x12, slot stone -N-
4026208	40	10, 20, 30... pcs	M8x16, slot stone -N-
4026202	50-80 + 40x80x160	10, 20, 30... pcs	M8x18, slot stone -N-
4694110	100-160 (except 40x80x160)	10, 20, 30... pcs	M8x22, slot stone -N-
4004111	30	10, 20, 30... pcs	M6x12, slot stone -K-
4014111	40	10, 20, 30... pcs	M8x16, slot stone -K-
4024111	50-80 + 40x80x160	10, 20, 30... pcs	M8x18, slot stone -K-
4694111	100-160 (except 40x80x160)	10, 20, 30... pcs	M8x22, slot stone -K-
4004112	30	10, 20, 30... pcs	M6x12, slot stone -R-
4026209	40	10, 20, 30... pcs	M8x16, slot stone -R-
4026210	50-80 + 40x80x160	10, 20, 30... pcs	M8x18, slot stone -R-
4694112	100-160 (except 40x80x160)	10, 20, 30... pcs	M8x22, slot stone -R-

Right-angle connections

Angle bracket -sheet steel-



Steel angle bracket: St 37, 3 mm thick

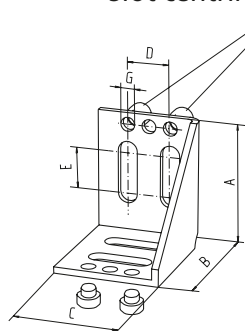
Material:

Black powder-coated steel

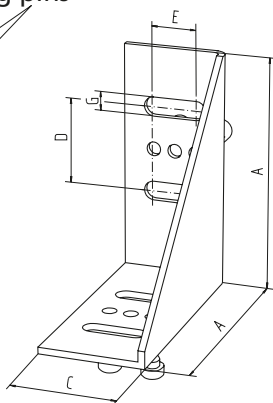
Includes:

Complete with slot centring pins

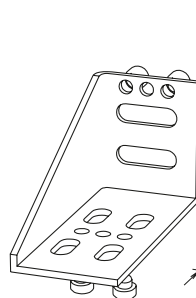
Slot centring pins



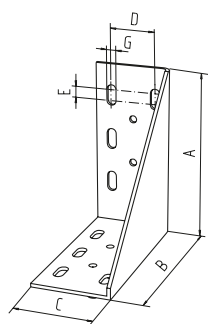
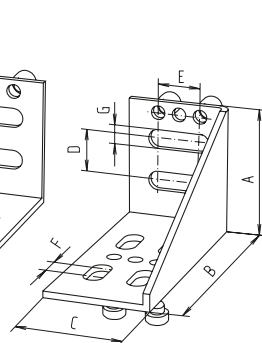
Steel angle bracket 60



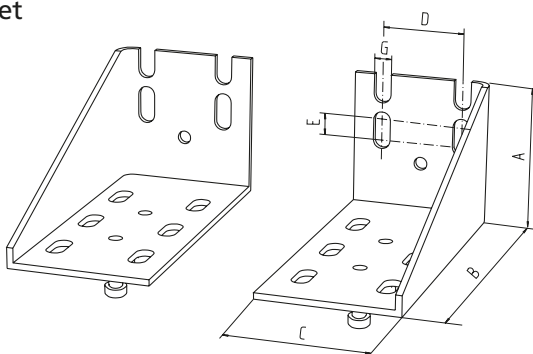
Steel angle bracket 60 / 60x120



Steel angle bracket 60x120, 1 brace left or right

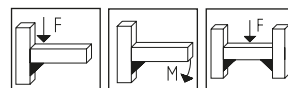


Steel angle bracket 80 / 80x160



Steel angle bracket 60x160, 1 brace left or right

[mm]



Code No.	Type	Version	A	B	C	D	E	F	G	H	R	F [N]	M [Nm]	F [N]
Steel angle bracket -3 mm sheet steel-														
4120101	60	1 brace	58	58	48	20	20	—	9	—	—	2100	100	—
4060101	60/60x120	1 brace	108	108	48	20	20	—	9	—	—	2600	210	—
4060102	60x120	1 brace right	58	108	48	40	20	10	9	—	—	2600	130	—
4060103	60x120	1 brace left	58	108	48	40	20	10	9	—	—	2600	130	—
4070101	80/80x160	1 brace	148	148	68	40	10	—	9	—	—	8320	450	—
4070102	80x160	1 brace right	68	148	68	40	10	—	9	—	—	4200	250	—
4070103	80x160	1 brace left	68	148	68	40	10	—	9	—	—	4200	250	—



Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Fixing sets

Fixing sets:

The angle brackets can be screwed to the profile with the fixing sets.

Material: Galvanised steel

Further slot stone versions can be found on page 250 - 258

Includes: 1 screw with washer and slot stone.



Fixing set with slot stone -N- (slot stone is slid into the slot from the side)



Fixing set with slot stone -K- (slot stone can be inserted edge-first into the slot retrospectively)

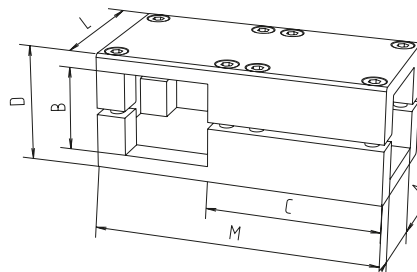


Fixing set with slot stone -R- (slot stone can be inserted into the slot retrospectively and twisted into position)

Code No.	Type	Version
Fixing sets		
4120110	All	M8x14, slot stone -N-
4120111	All	M8x14, slot stone -K-
4120112	All	M8x14, slot stone -R-

Corner clamp WV

Material: Aluminium. Fixing VA. For further clamping elements, please refer to the catalogue "Connecting Technology"



[mm]



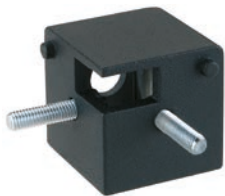
Code No.	Type	Version	A	B	C	D	L	M	F [N]	M [Nm]
513000050300	WV 30	30.2	30.2	30.2	69	42	56	112	2500	330
514000050300	WV 40	40.3	40.3	40.3	82	56	68	136	3200	980
515000050300	WV 50	50.4	50.4	50.4	102	70	85	170	–	–
516000050300	WV 60	60.4	60.4	60.4	127	79	105	210	–	–

Right-angle connections

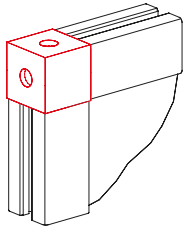
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

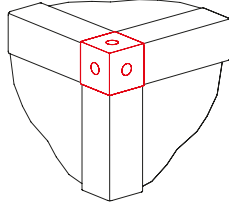
Corner joint



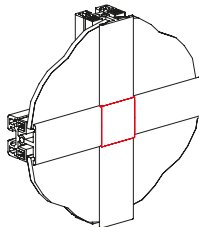
Version KL



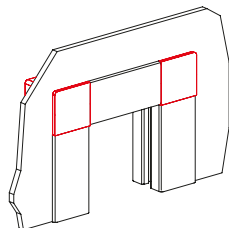
Version KLE



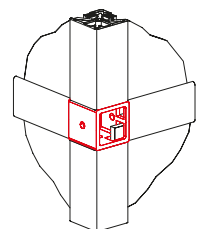
Version KLK



Version KLA



Version KLV



- Connection element for right-angle connections for clamping and inserting profiles
- The fixing screws are inserted directly into the profile. Centring pins prevent profile torsion

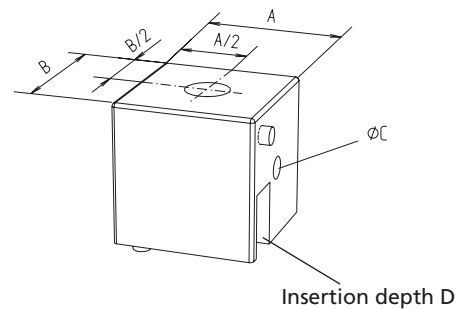
- With versions KL/KLE, the screw holes can optionally be sealed with a plastic cap

Material:

Die-cast zinc, gravity die-cast aluminium (see table)

Includes:

Includes all parts required to fully assemble one corner joint



[mm]

Code No.	Type	lot sizes	For profile	A	B	C	D
Die-cast zinc							
4202409	KLA 30	–	KL,ESP,ESP-2	30	30	5,4	13
4212409	KLA 40	–		40	40	6,4	18
Gravity die-cast aluminium							
4202408	KLK 30	–	KLD	30	30	5,4	13
4212408	KLK 40	–	KLD	40	40	6,4	18
4202407	KLV 30	–	KLE,KLD	30	30	5,4	13
4212407	KLV 40	–		40	40	6,4	18

Code No.	Type	lot sizes	For profile	A	B	C	D
Die-cast zinc							
4202406	KL 30	10, 20, 30... pcs	KL,ESP,ESP-2, F-/G/GG/2G/3G	30	30	5,4	13
4212406	KL 40	10, 20, 30... pcs		40	40	6,4	18
4702406	KLE 30	10, 20, 30... pcs	KLE,F-/G/GG, 2G/3G	30	30	5,4	13
4712406	KLE 40	10, 20, 30... pcs		40	40	6,4	18
Stopper (black)							
40185971	KL/KLE 30	100, 200, 300... pcs	-				
40185981	KL/KLE 40	100, 200, 300... pcs					
Cap (black)							
4000421	KL 30	10, 20, 30... pcs	-				
4010421	KL 40	10, 20, 30... pcs					



Corner joint

- Connection element for assembling profile angle brackets and clamping profiles W*, KLW, KLE and KL
- The clamping bolts are inserted directly into the profile. Centring pins prevent torsion

Material:

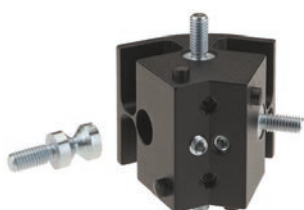
Die-cast zinc, black powder-coated aluminium (see table)

Includes:

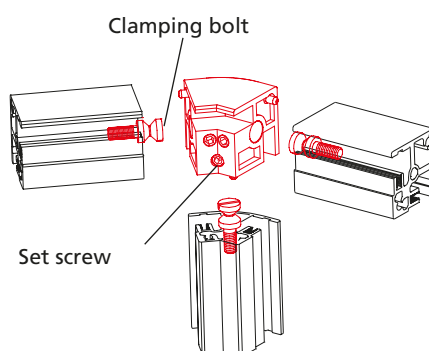
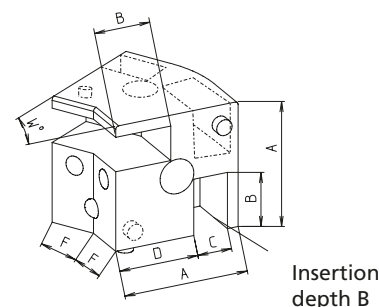
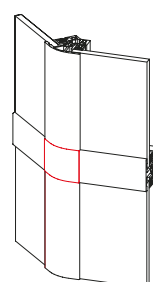
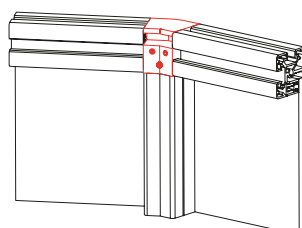
Includes all parts required to fully assemble one corner joint



Corner joint KLW



Corner joint KLWK



Assembly steps

1. Screw clamping bolt into profile
2. Put together with corner joint
3. Tighten set screw on corner joint – done!

*When using W-profiles, the corners of panels may have to be notched.

[mm]

Code No.	Type	For profile*	A	B	C	D	F	W
Die-cast zinc								
4412406	KLW 30-30	KLW 30-30, KL, KLE, ESP 30	30	13	8	19.5	11.0	30°
4422406	KLW 30-45	KLW 30-45, KL, KLE, ESP 30	30	13	8	19.5	8.8	45°
4622406	KLW 30-60	KLW 30-60, KL, KLE, ESP 30	30	13	8	19.5	8	60°
4432406	KLW 30-90	KLW 30-90, KL, KLE, ESP 30	30	13	8	19.5	10.0	90°
4472406	KLW 40-45	KLW 40-45, KL, KLE, ESP 40	40	18	11	25.5	11.7	45°
4632406	KLW 40-60	KLW 40-60, KL, KLE, ESP 40	40	18	11	25.5	11.5	60°
4482406	KLW 40-90	KLW 40-90, KL, KLE, ESP 40	40	18	11	25.5	15.0	90°
Black powder-coated aluminium								
4402406	KLW 30-15	KLW 30-15, KL, KLE, ESP 30	30	13	8	19.5	13.0	15°
4452406	KLW 40-15	KLW 40-15, KL, KLE, ESP 40	40	18	11	25.5	17.4	15°
4462406	KLW 40-30	KLW 40-30, KL, KLE, ESP 40	40	18	11	25.5	14.6	30°
4422407	KLWK 30-45	KLW 30-45, KLD 30	30	13	8	19.5	8.8	45°
4472407	KLWK 40-45	KLW 40-45, KLD 40	40	18	11	25.5	11.7	45°

Right-angle connections

Corner joint with plastic cap

- Connection element for edge profiles meeting at right angles R, W, KLW* and GG. The profiles are connected with the corner joint and screws
- To enhance the visual appeal of this point, it is sealed with a plastic cap
- Angle accuracy $\pm 6^\circ$

Material:

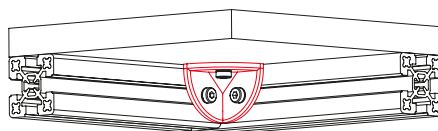
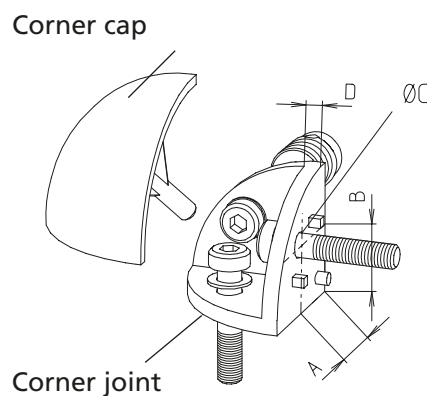
Die-cast zinc corner joint, plastic cap, galvanised fastenings

Assembly instructions

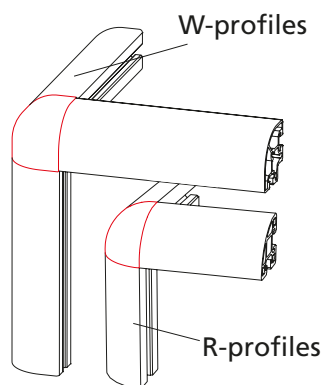
R-30, W, GG-Profile:

Corner joint and profiles are connected with screws. The centring shoulders make assembly and alignment of the profiles easier. If the shoulders are not desired, they can be bent with a pliers. Seal the corner joint with a removable plastic cap.

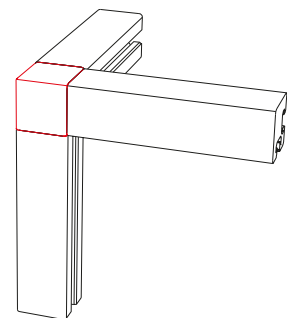
*When using KLW-profiles, the corners of panels may have to be notched.



Corner joint as fixing element for the flush mounting of panels



Corner connection with R, KLW or W-profiles



Corner connection with G-profiles

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

[mm]

Code No.	Type	lot sizes	Profiles	A	B	Ø C	D
4554408	Complete corner joint, black	–	F-G/GG/2G/3G 30	15	15	5.4	3
4564408			F-G/GG/2G/3G 40, F-GG 40x80 (2x)	20	20	6.6	4.5
4104406			W/KLW 30 (90°)	20	20	5.5	3.5
4114406			W/KLW 40 (90°)	30	30	6.6	5
4104407	Corner joint -single component- (without cap and screws)	–	R, F-G/GG/2G/3G 30	15	15	5.4	3
4114407			R, F-G/GG/2G/3G 40, F-GG 40x80 (2x)	20	20	6.6	4.5
4104405			W/KLW 30 (90°)	20	20	5.5	3.5
4114405			W/KLW 40 (90°)	30	30	6.6	5

Code No.	Type	lot sizes	Profiles	A	B	Ø C	D
4104408	Complete corner joint, black	10, 20, 30... pcs	R 30	15	15	5.4	3
4100411	Corner cap -single component-	10, 20, 30... pcs	W/KLW 30 (90°)	-	-	-	-
4110411			W/KLW 40 (90°)	-	-	-	-

Code No.	Type	lot sizes	Profiles	Colour
4108421	Corner cap	10, 20, 30... pcs	R 30	RAL 9005
4108422				RAL 9006
4108423				RAL 7035
4108426				RAL 5005
4558421	Corner cap	10, 20, 30... pcs	F-G/GG/2G/3G 30	RAL 9005
4558422				RAL 9006
4568421	Corner cap	10, 20, 30... pcs	F-G/GG/2G/3G 40, F-GG 40x80	RAL 9005
4568422				RAL 9006

Black
RAL 9005

White aluminium
RAL 9006

Light grey
RAL 7035

Signal blue
RAL 5005



Please note that, for typographical reasons, the colours illustrated here are only an approximation of the RAL colours.

Cross connections

Versions



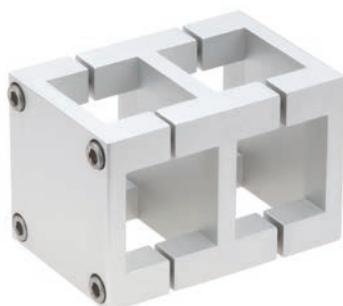
Keyed clamp connector -Q-



Mitre joint -transversal-



Cross connector -swiveling-



Cross clamp KV

Table of contents

Connection techniques

Cross connections

- Keyed clamp connector -Q-p. 238
- Mitre joint -transversal-p. 238
- Cross connector -swiveling-p. 239
- Cross clamp KVp. 239

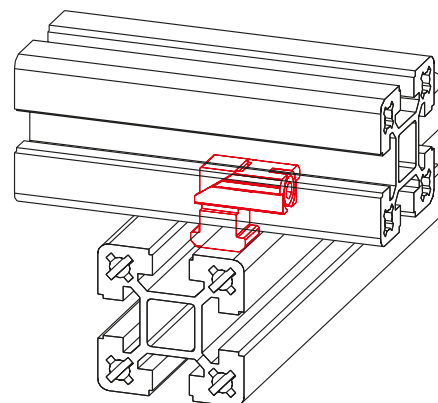
Cross connections

Keyed clamp connector -Q-



- Simple realisation of cross connections by bracing the profiles
- No profile machining necessary

Material: Galvanised steel
Includes: Complete fixing set for one connection

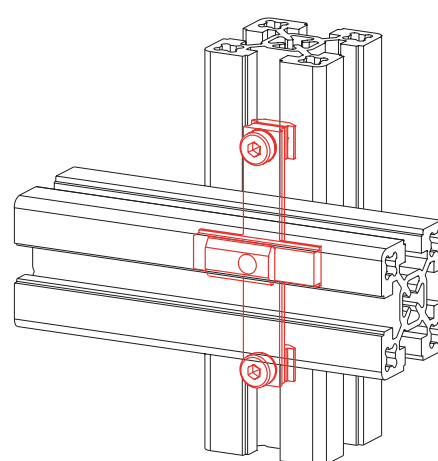
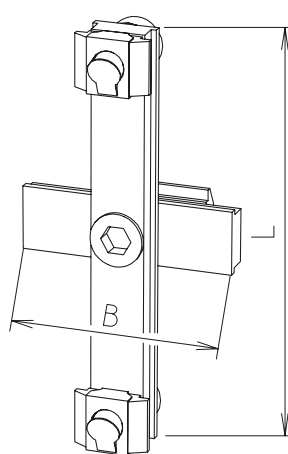


Code No.	Type
4016521	40 slot geometry

Mitre joint -transversal-

- For connecting crossing profiles
- For retrofitting in structures
- Profile alignment not necessary

Material: Galvanised steel
Includes: Complete fixing set for one connection



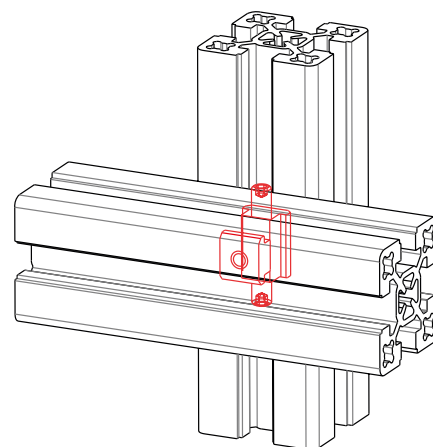
Code No.	Type	B	L	Version
4026502	F-60/80	40	102	With slot stone -F-
4026512	F-60/80	40	102	With slot stone -L-
4016502	40/50	40	78	With slot stone -F-
4016512	40/50	40	78	With slot stone -L-

Cross connector -swiveling-



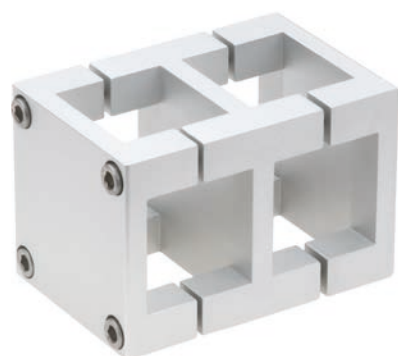
- For connection of crossing profiles
- 360° swiveling
- Fixation in all positions

Material: Galvanised steel
Includes: Complete fixing set for 1/10 connections

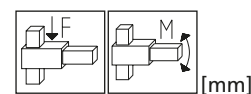
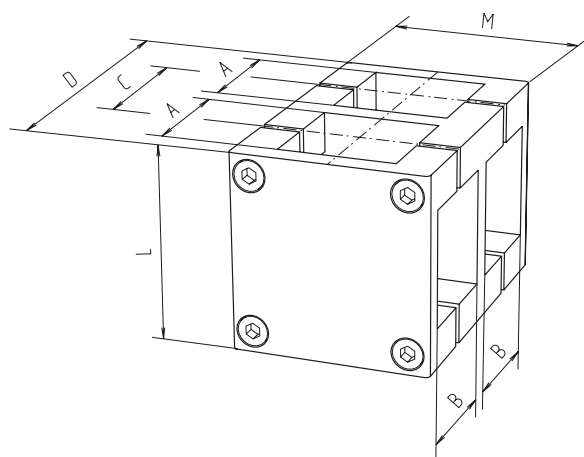


Code No.	Type	Piece
4016584	40 slot geometry	1
4016583		10

Cross clamp KV



Material: Aluminium,
Stainless steel fastenings.
For further clamping elements,
please refer to the catalogue
"Connecting Technology"



Code No.	Type	A	B	C	D	L	M	F [N]	M [Nm]
503000050300	KV 30	30.2	30.2	36	78	56	56	2800	280
504000050300	KV 40	40.3	40.3	48	104	68	68	2800	680
505000050300	KV 50	50.4	50.4	60	130	85	85	—	—
506000050300	KV 60	60.4	60.4	72	169	105	105	—	—

Angle connections

Versions



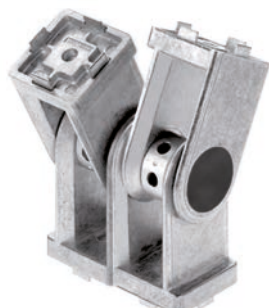
Frame joint 2x40



Frame joint 3x40



Profile hinge -E-



Double profile joint (eccentric)



Profile hinge



Double profile joint



Mitre joint -W1-



Mitre joint -W2-



Steel swivel

Table of contents

Connection techniques

Angle connections

- Frame joint 2x40 p. 242
- Frame joint 3x40 p. 242
- Profile hinge -E- (eccentric) p. 243
- Double profile joint -E- (eccentric)..... p. 243
- Profile hinge..... p. 244
- Double profile joint p. 244
- Mitre joint -W1- p. 245
- Mitre joint -W2- p. 245
- Steel swivel p. 246

Angle connections

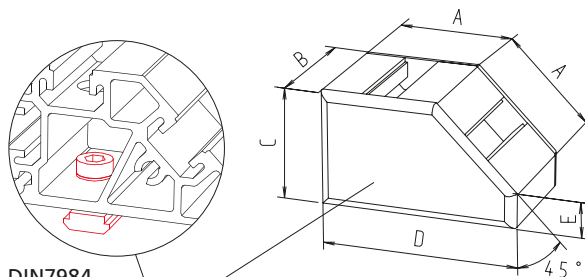
Frame joint 2x40



- Frame joint with 2 connecting options 40x40 and/or 40x80, each set at 45°.
- Complete with fixing set.

Material: Aluminium, Plastic cover plates, cut to size as required.

Fixing set:
Socket head cap screw, M6x12, DIN7984
Lock washer, slot stone -N-



[mm]

Code No.	Type	A	B	C	D	E
4155650	40	40	40	40	68	11.8
4155651	40x80	40	80	40	68	11.8

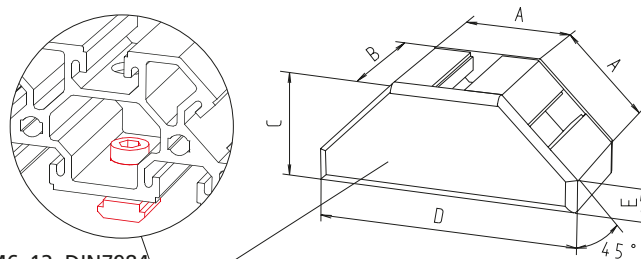
Frame joint 3x40



- Frame joint with 3 connecting options 40x40 and/or 40x80, each set at 45°.
- Complete with fixing set.

Material: Aluminium, Plastic cover plates, cut to size as required.

Fixing set:
Socket head cap screw, M6x12, DIN7984
Lock washer, slot stone -N-



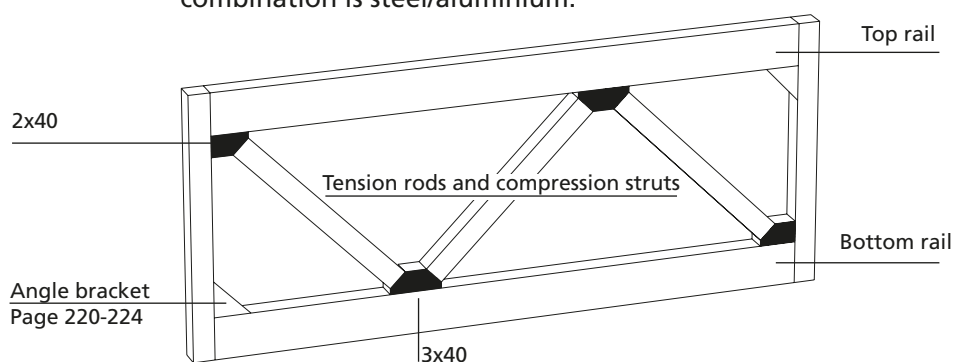
[mm]

Code No.	Type	A	B	C	D	E
4255650	40	40	40	40	96.6	11.8
4255651	40x80	40	80	40	96.6	11.8

Position diagram

- With unsupported lengths and dynamic alternating stresses, bracing elements should be added because the material combination is steel/aluminium.

- Such elements may be angle brackets, bracing plates and cross strut profiles as are typically used in framework.

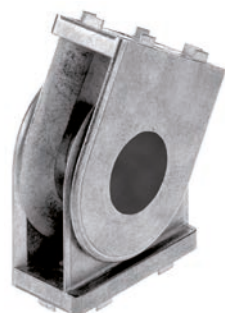




Profile hinge -E-

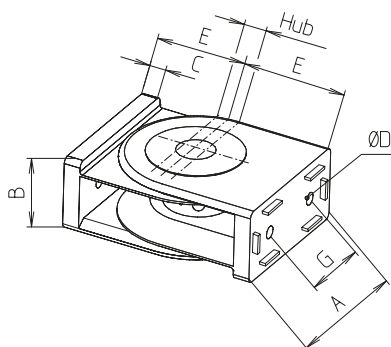


30x30 / 40x40



30x60 / 40x80

- These die-cast hinges feature eccentric height compensation.



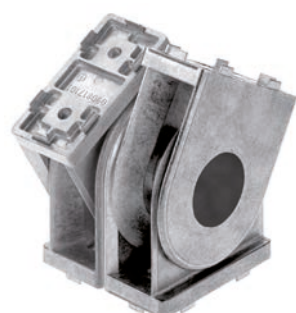
Material: Die-cast zinc hinge, galvanised steel eccentric bolt and fastenings

Includes: Does not include fixing set (see table)

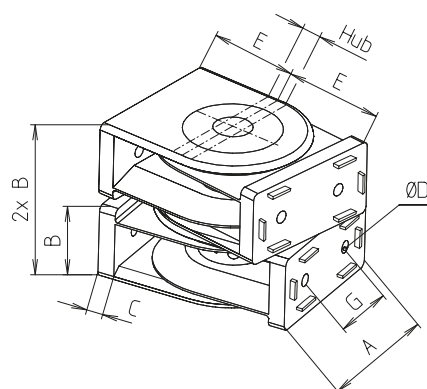
Code No.	Type	Pivoting range	Travel	A	B	C	D	E	G
4032550	Hinge 30x30	250°	4	30	30	8	6.1	42	0
4032570	Hinge 30x60	180°	4	60	30	8	6.1	42	20
4000530	Fixing set to 30 slot geometry								
4010530	Fixing set to 40 slot geometry								
4030530	Face-to-face fixing set to profile F-30x60								
4012520	Hinge 40x40	250°	4	40	40	9	6.6	52	0
4032540	Hinge 40x80	180°	4	80	40	9	6.6	52	40
4000521	Fixing set to 30 slot geometry								
4010521	Fixing set to 40 slot geometry								
4810520	Face-to-face fixing set to type 40								

Note: A fixing set contains material for connecting one profile. Thus, for joints, 2 fixing sets are required each side.

Double profile joint -E-



40x80



Material: Die-cast zinc hinge, galvanised steel eccentric bolt and fastenings

Includes: Does not include fixing set (see table)

Code No.	Type	Pivoting range	Travel	A	B	C	D	E	G
4042520	Double joint 40x80	180°	4	80	40	9	6.6	52	40
4000521	Fixing set to 30 slot geometry								
4010521	Fixing set to 40 slot geometry								
4810520	Face-to-face fixing set to type 40 profile F-40x40/F-40x40-L								

Note: A fixing set contains material for connecting one profile. Thus, for joints, 2 fixing sets are required each side.

Angle connections

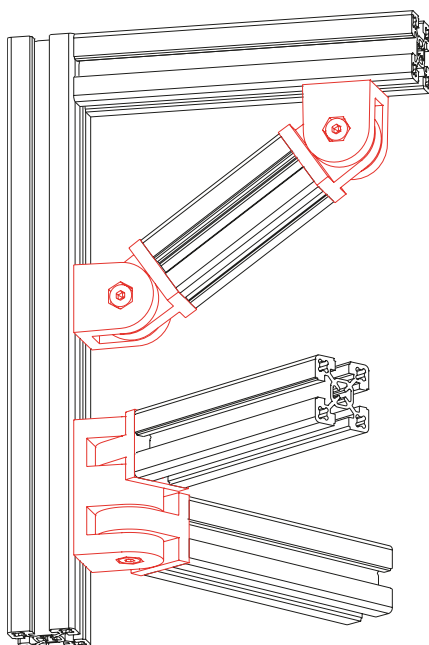
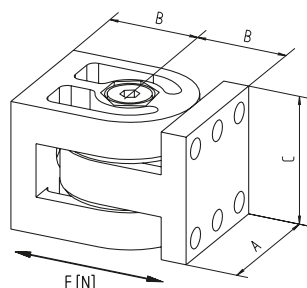
Profile hinge

F-40, figure with slot-to-slot fixing set



- Depending on the fixing set, the profile hinge can be used with the profiles given below
- The hinge can be infinitely adjusted through 180°.

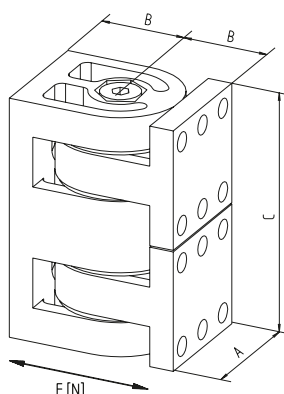
Material: Aluminium
Includes:
Complete with fixing set (see table)



[mm]						
Code No.	Type	Fixing set	A	B	C	F [N]
4015550	Profile hinge F-40	without fixing set	40	28	40	1500
4015551		Face-to-face	40	28	40	1500
4015552		Slot-to-slot	40	28	40	1500
4015553		Face-to-slot	40	28	40	1500
4035550	Profile hinge F-40x80	without fixing set	40	28	80	3000
4035551		Face-to-face	40	28	80	3000
4035552		Slot-to-slot	40	28	80	3000
4035553		Face-to-slot	40	28	80	3000
4016665	Lever for hand adjustment 40					
4019666	Lever for hand adjustment 40x80					

Double profile joint

F-40x80-2, figure with face-to-slot fixing set



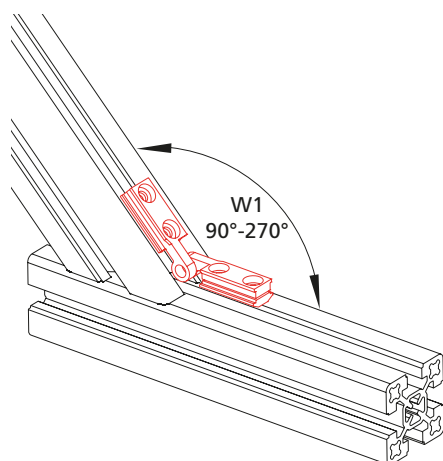
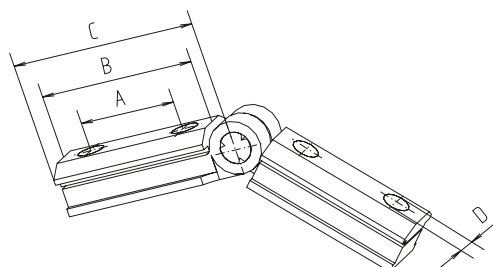
[mm]						
Code No.	Type	Fixing set	A	B	C	F [N]
4035555	Double profile joint F-40x80-2	without fixing set	40	28	80	2000
4035556		Face-to-face	40	28	80	2000
4035557		Slot-to-slot	40	28	80	2000
4035558		Face-to-slot	40	28	80	2000
4019666	Lever for hand adjustment 40x80					



Mitre joint -W1-

- Connects profiles at any angle
- No alignment necessary

Material: Galvanised steel
Includes: Complete fixing set for one mitre joint -W-



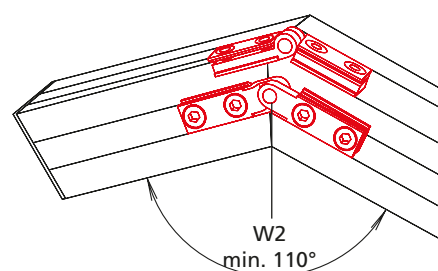
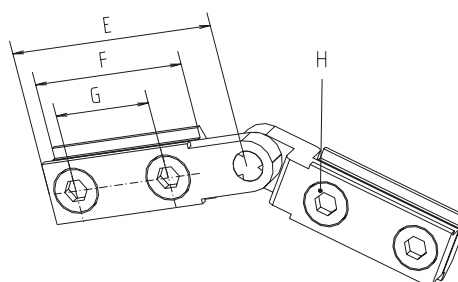
[mm]

Code No.	Type	Slot geometry	A	B	C	D
4016506	W-1	30	19	30	41	M4
4016504	W-1	40	19	30	41	M5

Mitre joint -W2-

Material: Galvanised steel

Includes: Complete fixing set for one mitre joint -W-



[mm]

Code No.	Type	Slot geometry	E	F	G	H
4016507	W-2	30	41	30	19	M4
4016505	W-2	40	41	30	19	M5

Angle connections

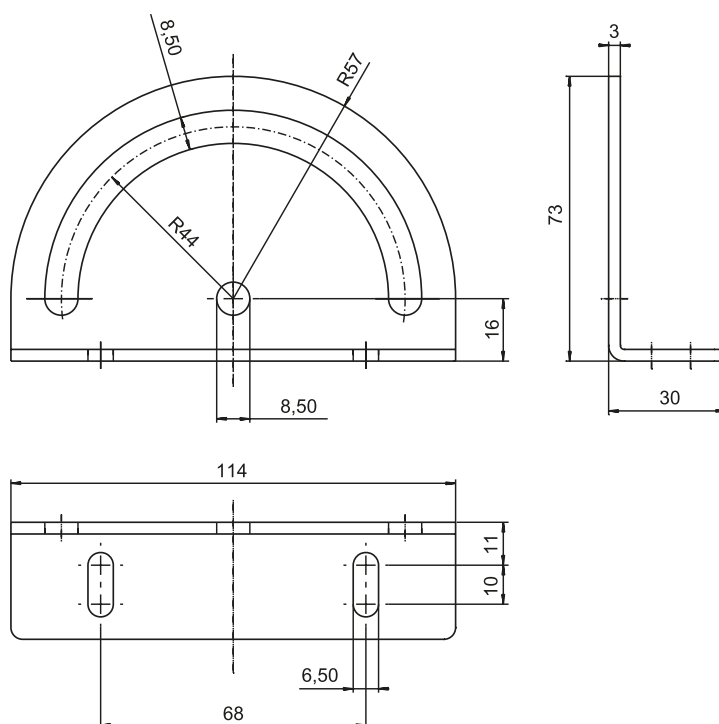
Steel swivel

- Using steel swivels enables structural profiles to be adjusted to any angle

Material: Galvanised steel

Includes: 1 steel swivel with one complete fixing set for one profile connection.

A clamping level can be ordered as an optional extra



[mm]

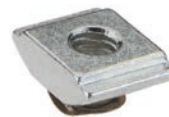
Code No.	Type	Slot geometry
WAC042000144	Steel swivel with screw	40
WAC042000145	Clamping lever	40



Versions



T-head bolt



Slot stone -F-



Slot stone -N-, -NF-



Slot stone -R-, -RF



Slot stone -L- II



Slot stone -E-, -E- II



Slot stone -K-



Slot stone -P- version K



Slot stone -PA-



Equipotential bonding cable



Bar material
slot stone -N-



Suspended sliding block



Screws

Table of contents

Accessories

Slot stones and screws

- T-head bolt p. 250
- Slot stone -F-..... p. 250
- Slot stone -N-, -NF- p. 251
- Slot stone -R-, -RF- p. 252
- Slot stone -L-..... p. 253
- Slot stone -E-/EII p. 253
- Slot stone -K- p. 254
- Slot stone -P- version K
(equipotential bonding) p. 254
- Slot stone -PA- (equipotential bonding).... p. 255
- Equipotential bonding cable..... p. 256
- Bar material slot stone -N-..... p. 256
- Suspended sliding block p. 258
- Screws p. 259

Slot stones and screws

Order instruction:

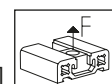
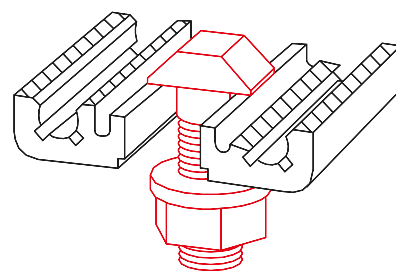
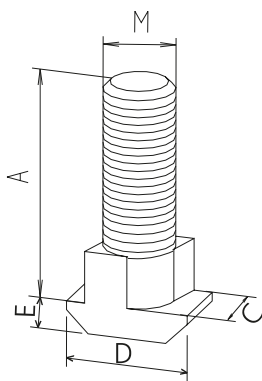
- Purchase only in lot sizes and amultiple of that see product table below

- For fixing mitre joints and angle brackets
- Can be inserted into any position in the profile slot
- The action of tightening turns it into the final clamping position

Material: Galvanised steel

Includes: Complete with nut and washer

T-head bolt



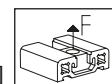
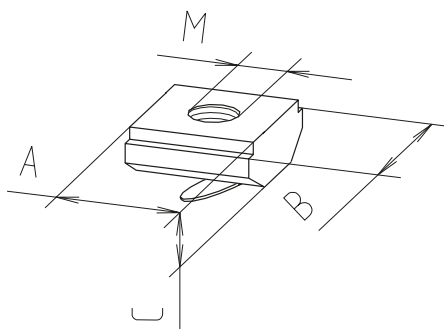
[mm]

Code No.	Type	lot sizes	Slot geometry	A	C	D	E	M	F [N]
4016201	M8x25	10, 20, 30... pcs	40	25	9.8	15.5	4	M8	8000

Slot stone -F-

- Simply slid/inserted edge-first into the profile slot
- Fixed in the desired position by the spring clip

Material: Galvanised steel



[mm]

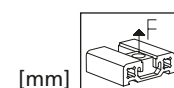
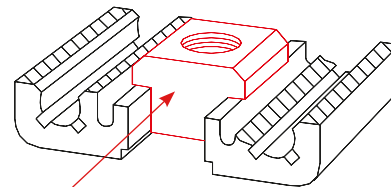
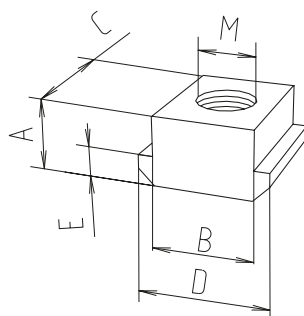
Code No.	Type	lot sizes	Slot geometry	A	B	C	M	F [N]
4006710	M3	10, 20, 30... pcs	30	10	12	4	M3	3000
4006716	M4	10, 20, 30... pcs	30	10	12	4	M4	3500
4006711	M5	10, 20, 30... pcs	30	10	12	4	M5	4000
4006712	M6	10, 20, 30... pcs	30	10	12	4	M6	4500
4006715	M4	10, 20, 30... pcs	40	10	14	4	M4	3500
4006713	M5	10, 20, 30... pcs	40	10	14	4	M5	4000
4006714	M6	10, 20, 30... pcs	40	10	14	4	M6	4500



Slot stone -N-

- This slot stone slides into the end of the profile slot

Material: Galvanised steel



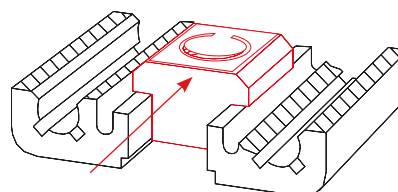
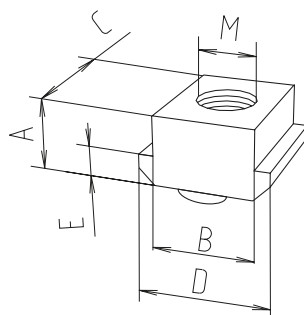
Code No.	Type	lot sizes	Slot geometry	A	B	C	D	E	M	F [N]
4006201	M5	10, 20, 30... pcs	30	5	10	13	13	3	M5	4000
4006203	M6	10, 20, 30... pcs	30	5	10	13	13	3	M6	4000
4006202	M8	10, 20, 30... pcs	30	5	10	13	13	3	M8	4000
4026207	M5	10, 20, 30... pcs	40	8	10	13	15	4	M5	4000
4026203	M6	10, 20, 30... pcs	40	8	10	13	15	4	M6	9000
4009202	M8*	10, 20, 30... pcs	30	5	10	13	13	3	M8	4000
4026206	M8	10, 20, 30... pcs	40	8	10	13	15	4	M8	9000
4029206	M8*	10, 20, 30... pcs	40	8	10	13	15	4	M8	9000
4026214	M8	10, 20, 30... pcs	40	8	10	28	15	4	M8	9000
4026208	M8	10, 20, 30... pcs	40, with screw M8x16	8	10	13	15	4	M8	9000
4026202	M8	10, 20, 30... pcs	40, with screw M8x18	8	10	13	15	4	M8	9000

* Stainless steel

Slot stone -NF-

- This slot stone slides into the end of the profile slot
- The spring clip guarantees fixation in any position/installation position

Material: Galvanised steel



Code No.	Type	lot sizes	Slot geometry	A	B	C	D	E	M	F [N]
4016242	M6	10, 20, 30... pcs	40	8	10	13	15	4	M6	9000
4016243	M8	10, 20, 30... pcs	40	8	10	13	15	4	M8	9000

Nutensteine und Schrauben

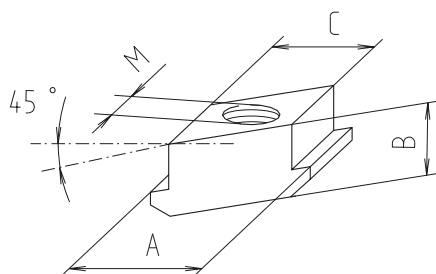
Bestellhinweis:

- Bestellmengen unterliegen festgelegter Staffellung gemäß Tabelle

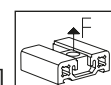
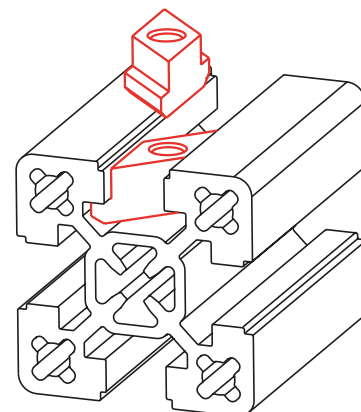
Nutenstein -R-



- Einlegen in die Nut an beliebiger Stelle
- Dreht sich durch das Festschrauben in die entgültige Spannposition



Material: Stahl galvanisch verzinkt



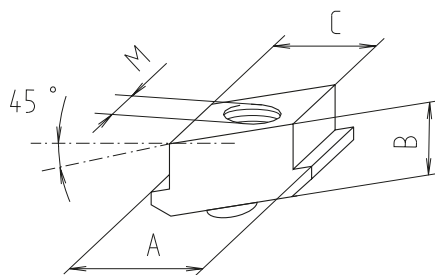
[mm]

Code No.	Type	Bestellmenge Staffellung	Nutgeometrie	A	B	C	M	F [N]
4006222	M5	10, 20, 30... Stück	30	13	5	10	M5	4000
4006221	M6	10, 20, 30... Stück	30	13	5	10	M6	4000
4006223	M8	10, 20, 30... Stück	30	13	5	10	M8	4000
4026221	M6	10, 20, 30... Stück	40	15	8	10	M6	8000
4026222	M8	10, 20, 30... Stück	40	15	9	10	M8	8000

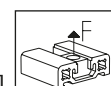
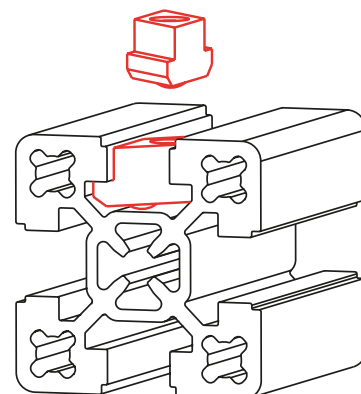
Nutenstein -RF-



- Rhombusnutensteine -RF- können an beliebiger Stelle in die Profilnut eingeschwenkt werden
- Durch die Feder ist eine Fixierung in beliebiger Position/Einbaulage gewährleistet



Material: Stahl galvanisch verzinkt



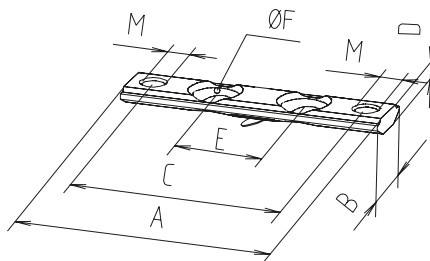
[mm]

Code No.	Type	Bestellmenge Staffellung	Nutgeometrie	A	B	C	M	F [N]
4006241	M5	10, 20, 30... Stück	30	13	5	10	M5	4000
4006242	M6	10, 20, 30... Stück	30	13	5	10	M6	4000
4006243	M8	10, 20, 30... Stück	30	13	5	10	M8	4000
4016245	M8	10, 20, 30... Stück	40	15	9	10	M8	8000
4016244	M6	10, 20, 30... Stück	40	15	8	10	M6	8000
4016243	M8	10, 20, 30... Stück	40	15	9	10	M8	8000

Slot stone -L- II



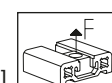
Version -L- II



- For fixing flange brackets. The slot stone can be slid/inserted edge-first into the profile slot and fixed in any position with a spring clip.

Material: Galvanised steel

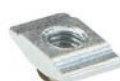
[mm]



Code No.	Type	lot sizes	Version	Slot geometry	A	B	C	D	E	F	M	F [N]
4006207	M5	10, 20, 30... pcs	-L- II	30	29	12	21.5	4	0*	8.5	M5	6500
4016206	M6	10, 20, 30... pcs	-L- II	40	38	14	28	4	0*	10.2	M6	12300
4016207	M6	10, 20, 30... pcs	-L- II	40	48	14	38	4	15.5	10.2	M6	10400
4016208	M6	10, 20, 30... pcs	-L- II	40	58	14	48	4	20	10.2	M6	10400
4046206	M6	10, 20, 30... pcs	-L- II	40	78	14	68	4	40	10.2	M6	10300

* Only have one hole

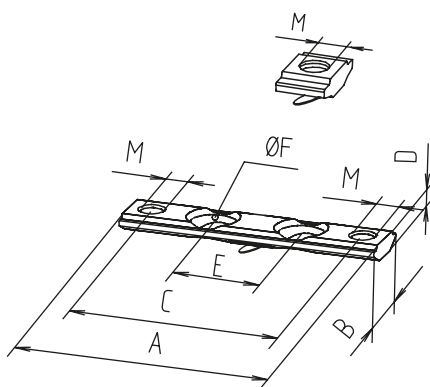
Slot stone -E- / E-II



Version -E-



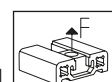
Version -E- II



- Slid into the slot from the side
- High load capacity due to large supporting surface
- Fixed in the desired position by the spring clip

Material: Galvanised steel

[mm]



Code No.	Type	lot sizes	Version	Slot geometry	A	B	C	D	E	F	M	F [N]
4006208	M5	10, 20, 30... pcs	-E-	40	10	16.5	–	4	0*	–	M5	7000
4006209	M6	10, 20, 30... pcs	-E-	40	10	16.5	–	4	0*	–	M6	7400
4006224	M6	10, 20, 30... pcs	-E- II	40	38	16.5	28	3.8	0	10.2	M6	11100
4006239	M6	10, 20, 30... pcs	-E- II	40	58	16.5	48	3.8	15.5	10.2	M6	10900
4006240	M6	10, 20, 30... pcs	-E- II	40	78	16.5	68	3.8	40	10.2	M6	8800

* Only have one hole

Slot stones and screws

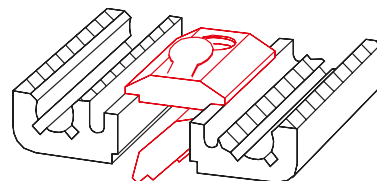
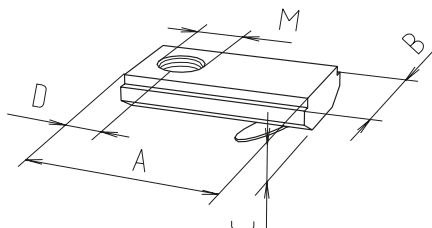
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

- Simply slid/inserted edge-first into the profile slot

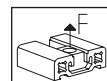
Material: Galvanised steel

Slot stone -K-



10, 20, 30.

[mm]



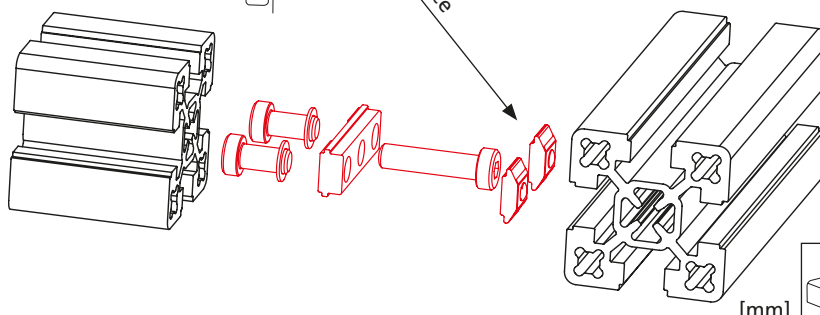
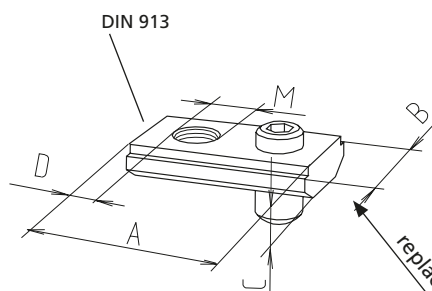
Code No.	Type	lot sizes	Slot geometry	A	B	C	D	M	F [N]
4006211	M5	10, 20, 30... pcs	30	21	12	4	7	M5	5000
4006212	M6	10, 20, 30... pcs	30	21	12	4	7	M6	5000
4006213	M8	10, 20, 30... pcs	30	21	12	4	7	M8	5000
4016212	M6	10, 20, 30... pcs	40	21	14	4	7	M6	5000
4016213	M8	10, 20, 30... pcs	40	21	14	4	7	M8	8000

Slot stone -P- version K

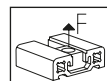
- Creates equipotential bonding between two profiles by damaging the anodised layer

Material: Galvanised steel/stainless steel

Includes:
1 complete unit



[mm]



Code No.	Type	lot sizes	Material	Slot geometry	A	B	C	D	M	F [N]
4006214	M5	10, 20, 30... pcs	Galvanised steel	All	20	12	4	7	M5	5000
4009214	M5	10, 20, 30... pcs	Stainless steel	All	20	12	4	7	M5	5000
4006216	M6	10, 20, 30... pcs	Galvanised steel	All	20	12	4	7	M6	5000
4009216	M6	10, 20, 30... pcs	Stainless steel	All	20	12	4	7	M6	5000
4006215	M6	10, 20, 30... pcs	Galvanised steel	40	20	14	4	7	M6	5000



Slot stone -PA-



Version PA -N-



Version PA -R-



Version PA -F-



Version PA -K-



Version PA -L-

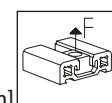
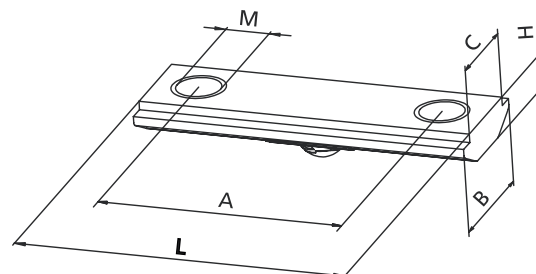


Version PA -PLM-

- The -PA- slot stones have an equipotential bonding effect by destroying the anodised layer. The slot stones can be used in an assembly kit or be interconnected with bridge pieces.

Material: Black galvanised steel

Includes: 1 pack of 10



[mm]

Code No.	Type	lot sizes	Slot geometry	A	B	C	H	L	M	F [N]
Slot stone PA -N-										
4006E01	M5	10, 20, 30... pcs	30	–	13	10	5	13	M5	4000
4006E03	M6	10, 20, 30... pcs	30	–	13	10	5	13	M6	4000
4006B02	M8	10, 20, 30... pcs	30	–	13	10	5	13	M8	4000
4026B07	M5	10, 20, 30... pcs	40	–	15	10	8	13	M5	4000
4026B03	M6	10, 20, 30... pcs	40	–	15	10	8	13	M6	9000
4026B06	M8	10, 20, 30... pcs	40	–	15	10	8	13	M8	9000
Slot stone PA -R-										
4006B22	M5	10, 20, 30... pcs	30	–	13	10	5	29	M5	4000
4006B21	M6	10, 20, 30... pcs	30	–	13	10	5	29	M6	4000
4006B23	M8	10, 20, 30... pcs	30	–	13	10	5	29	M8	4000
4026B21	M6	10, 20, 30... pcs	40	–	15	10	8	31	M6	8000
4026B22	M8	10, 20, 30... pcs	40	–	15	10	9	31	M8	8000
Slot stone PA -F-										
4006C10	M3	10, 20, 30... pcs	30	–	12	10	4	10	M3	3000
4006C16	M4	10, 20, 30... pcs	30	–	12	10	4	10	M4	3500
4006C11	M5	10, 20, 30... pcs	30	–	12	10	4	10	M5	4000
4006C12	M6	10, 20, 30... pcs	30	–	12	10	4	10	M6	4500
4006C15	M4	10, 20, 30... pcs	40	–	14	10	4	10	M4	3500
4006C13	M5	10, 20, 30... pcs	40	–	14	10	4	10	M5	4000
4006C14	M6	10, 20, 30... pcs	40	–	14	10	4	10	M6	4500
Slot stone PA -K-										
4006B11	M5	10, 20, 30... pcs	30	–	12	10	4	21	M5	5000
4006B12	M6	10, 20, 30... pcs	30	–	12	10	4	21	M6	5000
4006B13	M8	10, 20, 30... pcs	30	–	12	10	4	21	M8	5000
4016B12	M6	10, 20, 30... pcs	40	–	14	10	4	21	M6	5000
4016B13	M8	10, 20, 30... pcs	40	–	14	10	4	21	M8	8000
Slot stone PA -L-										
4006B04	M5	10, 20, 30... pcs	30	21.5	12	10	4	29	M5	7000
4016B04	M6	10, 20, 30... pcs	40	28	14	10	4	38	M6	10000
4026B04	M6	10, 20, 30... pcs	40	48	14	10	4	58	M6	8600
4046B04	M6	10, 20, 30... pcs	40	68	14	10	4	78	M6	12000
Slot stone PA -PLM-										
E00037CRH	M3	10, 20, 30... pcs	20	–	6,5	–	3	10	M3	2000
E00038CRH	M4	10, 20, 30... pcs	20	–	6,5	–	3	10	M4	2000
E00039CRH	M5	10, 20, 30... pcs	20	–	6,5	–	3	10	M5	2000

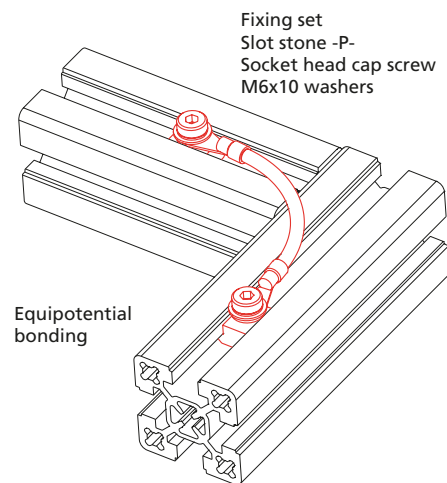
Slot stones and screws

Equipotential bonding cable

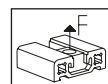
- Equipotential bonding cable
6 mm² with cable lug, length
120 mm



Material: Galvanised steel fixing set



[mm]

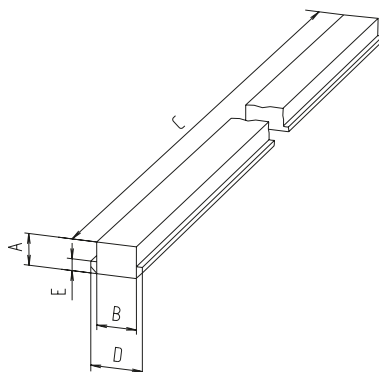
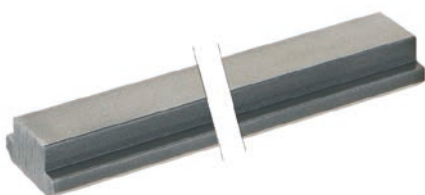


Code No.	Type	Slot geometry
4012590	Equipotential bonding (cable)	40
4012591	Complete fixing set	40

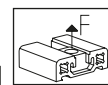
Bar material

- The bar material allows thread to be cut to length and positioned to suit the application.
- Manufacturing tolerances (dimension C) must be observed
- Machining to customer specification available on request.

Material: Galvanised steel / stainless steel
Base profile for slot stone -N-



[mm]



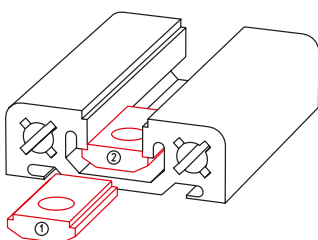
Code No.	Material	Slot geometry	A	B	C	D	E
4006200 3010	Steel	30	5	10	2800 - 3000	13	3
4026200 3010		40	8	10	2800 - 3000	15	4
4009200 5600	Stainless steel	30	4	10	5600 - 6000	14	3
4029200 5600		40	8	10	5600 - 6000	15	4

Order instruction:

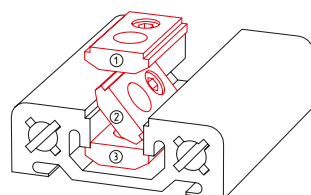
- Purchase only in lot sizes and a multiple of that see product table below

Use of slot stones (slot stone with spring clip -F- / slot stones -K-, -E- and -L- II)

		lot sizes	30 slot geometry		40 slot geometry	
Code No.	See page		slide into slot	insert edge-first into slot	slide into slot	insert edge-first into slot
Slot stone -F-						
4006710	250	10, 20, 30... pcs	x	x	x	x
4006716	250	10, 20, 30... pcs	x	x	x	x
4006711	250	10, 20, 30... pcs	x	x	x	x
4006712	250	10, 20, 30... pcs	x	x	x	x
4006715	250	10, 20, 30... pcs	x		x	x
4006713	250	10, 20, 30... pcs	x		x	x
4006714	250	10, 20, 30... pcs	x		x	x
Slot stone -L- II						
4006207	253	10, 20, 30... pcs	x	x	x	x
4016206	253	10, 20, 30... pcs	x		x	x
4016207	253	10, 20, 30... pcs	x		x	x
4016208	253	10, 20, 30... pcs	x		x	x
4046206	253	10, 20, 30... pcs	x		x	x
Slot stone -E- / E-II						
4006208	253	10, 20, 30... pcs			x	
4006209	253	10, 20, 30... pcs			x	
4006224	253	10, 20, 30... pcs			x	
4006239	253	10, 20, 30... pcs			x	
4006240	253	10, 20, 30... pcs			x	
Slot stone -K-						
4006211	254	10, 20, 30... pcs	x	x	x	x
4006212	254	10, 20, 30... pcs	x	x	x	x
4006213	254	10, 20, 30... pcs	x	x	x	x
4016212	254	10, 20, 30... pcs	x		x	x
4016213	254	10, 20, 30... pcs	x		x	x
4006214	254	10, 20, 30... pcs	x	x	x	x
4006215	254	10, 20, 30... pcs	x	x	x	x
4006216	254	10, 20, 30... pcs	x		x	x

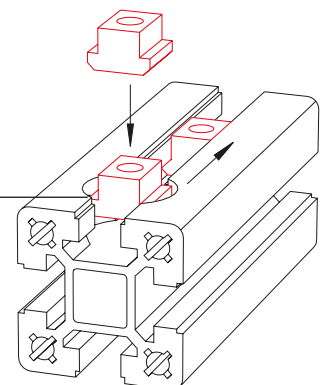
Slide slot stone into slot


Numbers = Installation sequence

Insert slot stone edge-first into slot


Example of retrospective insertion of an N slot stone in a profile.
You will find a suitable drilling fixture on page 468

Hole
Diameter: 20 mm
Depth: 11.5 mm

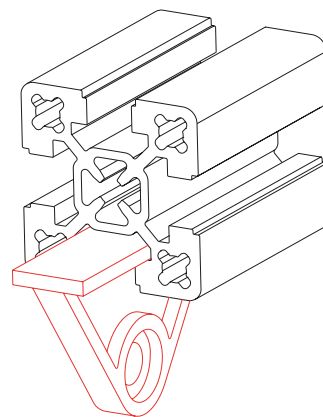
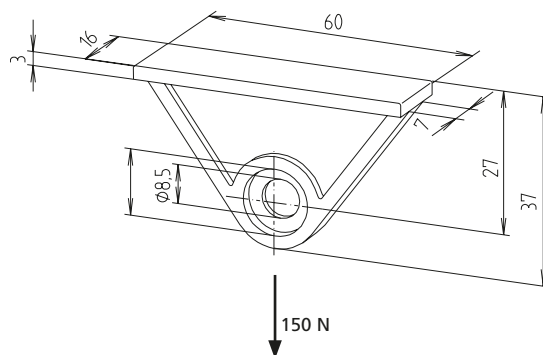


Slot stones and screws

Suspended sliding block

- To take tools and curtain guards
- Slid into the profile slot from the side.

Material: Black plastic



Code No.	Slot geometry
4018200	40

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Material: Galvanised steel

Includes:

1 unit complete with lock washer

Screws - DIN 7984


Code No.	Type	lot sizes	Suitable for
4006234	M5x14	10, 20, 30... pcs	Connecting plate 30
4006235	M5x16	10, 20, 30... pcs	Hidden screw 30
4006238	M5x35	10, 20, 30... pcs	Corner joint clamping profiles 30
4016234	M6x16	10, 20, 30... pcs	Connecting plates as of size 40
4016235	M6x20	10, 20, 30... pcs	Hidden screw size 40
4016240	M6x45	10, 20, 30... pcs	Corner joint clamping profiles 40
4016236	M8x12	10, 20, 30... pcs	Universal
4016238	M8x18	10, 20, 30... pcs	Universal
4016237	M8x30	10, 20, 30... pcs	Universal

RK expansion screws


- Used for low dynamic loads
- Tightening torque 10 Nm

Material: Galvanised steel
Head to DIN 7984

Code No.	Type	lot sizes	Suitable for
4126230	M6x35	10, 20, 30... pcs	40x40 to 80x160 F-profiles

Profile covers

Versions



Cap



End plate



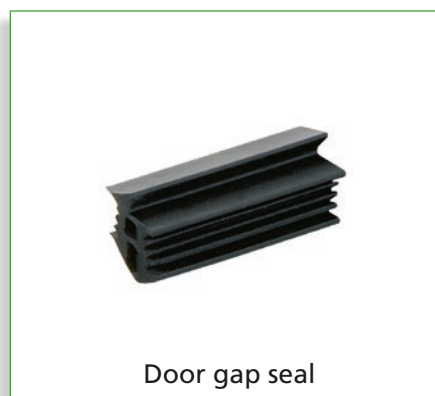
Cover profile -plastic-



Cover profile -aluminium-



Rim



Door gap seal

Table of contents

Profile covers

- Cap p. 262
- End plate p. 264
- Cover profile -plastic- p. 265
- Cover profile -aluminium- p. 265
- Rim p. 266
- Door gap seal p. 266

Profile covers

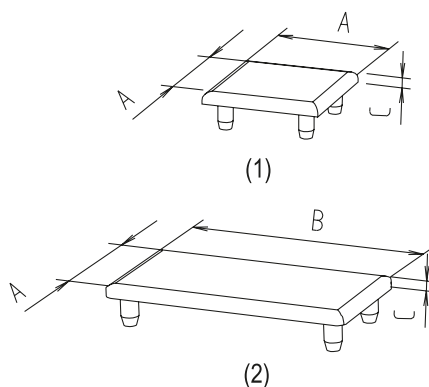
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Caps -plastic-

- In addition to the standard black version (see next page), it is possible to order other types in various RAL colours. Other profile types and RAL colours available on request.

- Please note that, for typographical reasons, the colour illustrated here is only an approximation of the RAL colour.



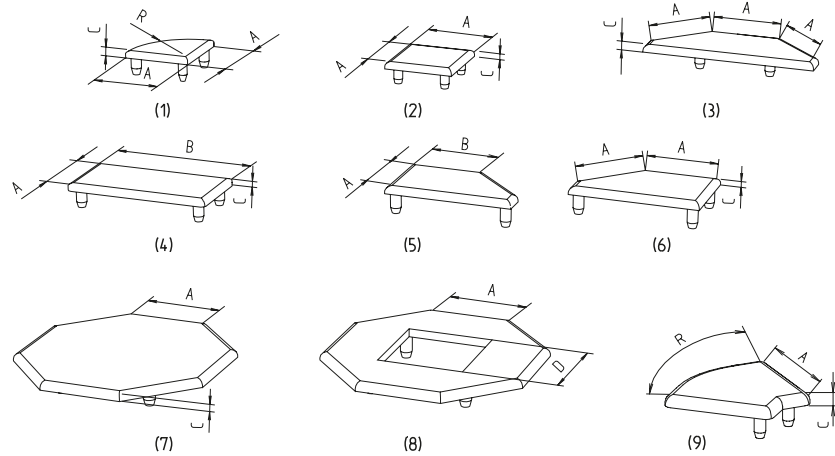
	White aluminium RAL 9006
	Light grey RAL 7035
	Rape yellow RAL 1021
	Traffic red RAL 3020
	Signal blue RAL 5005

Code No.	Type	lot sizes	See figure	A	B	C	D	R
Colour plastic cap								
410042_	F-R 30	10, 20, 30... pcs	1	30	–	3	–	29
400042_	F-G/GG/2G/3G 30x30	10, 20, 30... pcs	2	30	–	3	–	–
401042_	F-G/GG/2G/3G 40x40	10, 20, 30... pcs	2	40	–	4	–	–
403042_	F-G/F-GG 40x80	10, 20, 30... pcs	4	40	80	4	–	–
408842_	F-G/GG/2G/3G 50x50, SP-50x50	10, 20, 30... pcs	2	50	–	4	–	–
412142_	F-G/GG/2G/3G 60x60	10, 20, 30... pcs	2	60	–	4	–	–
404042_	F-G/GG/2G 80x80	10, 20, 30... pcs	2	80	–	4	–	–

2 = RAL 9006
 3 = RAL 7035
 4 = RAL 1021
 5 = RAL 3020
 6 = RAL 5005



Black caps -plastic-

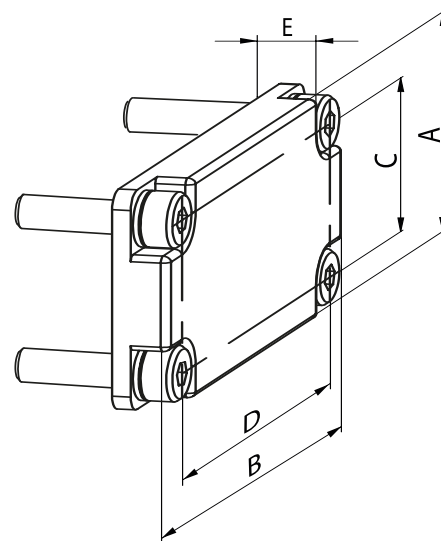


 Black RAL 9005

Code No.	Type	lot sizes	Version	See figure	A	B	C	D	R
Black plastic cap									
4000421	F-G/GG/2G/3G 30x30	10, 20, 30... pcs		2	30	—	3	—	—
4010421	F-G/GG/2G/3G 40x40	10, 20, 30... pcs		2	40	—	4	—	—
4030421	F-G/GG 40x80	10, 20, 30... pcs		4	40	80	4	—	—
4088421	SP-50x50, F-G/GG/2G/3G 50x50	10, 20, 30... pcs		2	50	—	4	—	—
4100421	F-R 30	10, 20, 30... pcs		1	30	—	3	—	R 29
4121421	F-G/GG/2G/3G 60x60	10, 20, 30... pcs		2	60	—	4	—	—
4040421	F-G/GG/2G 80x80	10, 20, 30... pcs		2	80	—	4	—	—
4388421	15x40	10, 20, 30... pcs		4	15	40	4	—	—
4348421	15x60	10, 20, 30... pcs		4	15	60	4	—	—
4358421	15x80	10, 20, 30... pcs		4	15	80	4	—	—
4368421	15x120	10, 20, 30... pcs		4	15	120	4	—	—
4378421	15x160	10, 20, 30... pcs		4	15	160	4	—	—
4158421	2x40	10, 20, 30... pcs		5	40	—	4	—	—
4158422	2x40	10, 20, 30... pcs		6	40	—	4	—	—
4258421	3x40	10, 20, 30... pcs		3	40	—	4	—	—
4050421	8x40	10, 20, 30... pcs		7	40	—	4	—	—
4050422	8x40	10, 20, 30... pcs		8	40	—	4	40	—
4200421	KL 30x30, ESP 30	10, 20, 30... pcs		2	30	—	3	—	—
4600421	KLD 30x30	10, 20, 30... pcs		2	30	—	3	—	—
4700421	KLE 30x30	10, 20, 30... pcs		2	30	—	3	—	—
4408421	KLW 30-15	10, 20, 30... pcs		9	30	—	3	—	15°
4418421	W/KLW 30-30	10, 20, 30... pcs		9	30	—	3	—	30°
4428421	W/KLW 30-45	10, 20, 30... pcs		9	30	—	3	—	45°
4448421	W/KLW 30-60	10, 20, 30... pcs		9	30	—	3	—	60°
4438421	W/KLW 30-90	10, 20, 30... pcs		9	30	—	3	—	90°
4210421	KL 40x40, ESP 40	10, 20, 30... pcs		2	40	—	4	—	—
4610421	KLD 40x40	10, 20, 30... pcs		2	40	—	4	—	—
4710421	KLE 40x40	10, 20, 30... pcs		2	40	—	4	—	—
4458421	KLW 40-15	10, 20, 30... pcs		9	40	—	4	—	15°
4468421	W/KLW 40-30	10, 20, 30... pcs		9	40	—	4	—	30°
4478421	W/KLW 40-45	10, 20, 30... pcs		9	40	—	4	—	45°
4498421	W/KLW 40-60	10, 20, 30... pcs		9	40	—	4	—	60°
4488421	W/KLW 40-90	10, 20, 30... pcs		9	40	—	4	—	90°

End plate

Includes: End plate complete with fixing set



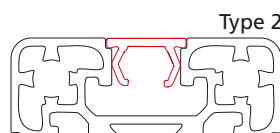
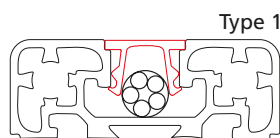
Code No.	Type	A	B	C	D	E
End plate to cover the front-end of the profile						
Die-cast aluminium						
4004401	F-G/GG/2G/3G 30x30	30	30	21	21	6
4084401	F-G/GG/2G/3G 50x50	50	50	38	38	7
4044401	F-G/F-GG 80x80	80	80	68	68	8
Aluminium						
4064401	F-G/GG/2G/3G 60x120	60	120	48	108	15
4074401	F-G/GG/2G 80x160	80	160	68	148	15

Cover profile -plastic-

- For the flush covering of longitudinal slots. Two versions are available.

- Due to the geometry of type 1, it is possible to route leads in the slot. Type 2, on the other hand, is easier to take out of the profile slot (without leaving residues).

Material: Plastic
Please note that, for typographical reasons, the colour illustrated here is only an approximation of the RAL colour.
Further special colours available on request.



- Black RAL 9005
- White aluminium RAL 9006
- Light grey RAL 7035
- Rape yellow RAL 1021
- Traffic red RAL 3020
- Signal blue RAL 5005

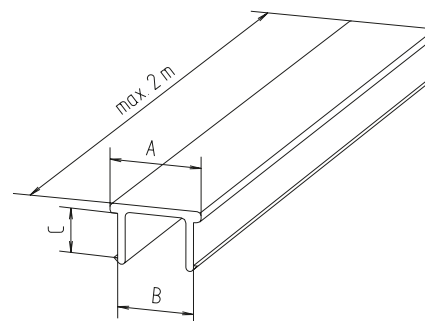
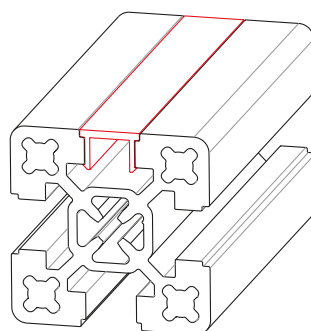
[mm]

NEW

Code No.	Type	Version	Colour	A	B	C
4000570	2	2 m bar	Black	12	11.2	6.4
4000575	2	2 m bar	Light grey	12	11.2	6.4
4000577	2	2 m bar	White aluminium	12	11.2	6.4
4000579	2	2 m bar	Rape yellow	12	11.2	6.4
4000581	2	2 m bar	Traffic red	12	11.2	6.4
4000583	2	2 m bar	Signal blue	12	11.2	6.4
4008570	1	2 m bar	Black	12	11.2	6.4
4000585	1	2 m bar	Rape yellow	12	11.2	6.4
4000586	1	2 m bar	Transparent	12	11.2	6.4

Cover profile -aluminium-

Material: Al Mg Si 0.5
Clear anodised.



[mm]

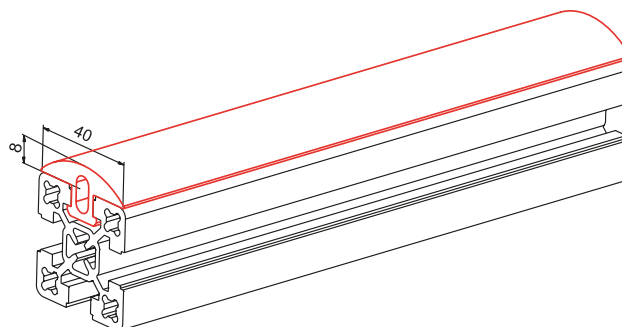
Code No.	Type	Slot geometry	A	B	C
4005572	Cut to size	30	12	10	2.7
4005570	1	30	12	10	2.7
4015572	Cut to size	40	12	10	5.2
4015570	1	40	12	10	5.2

Profile covers

Rim

- Protects the structure from damage
- Simply pressed into the profile slot

Material:
Synthetic EPDM rubber, black
Shore hardness: 70 Shore

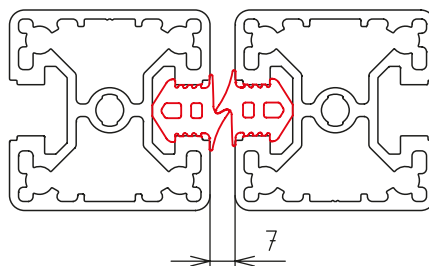


Code No.	Type	Slot geometry
4018594	Rim, 30 m roll	40
401859910000	Rim, 10 m roll	40

Door gap seal

- Can absorb gap width tolerances
- Acts as a door stop

Material: NBR rubber, black
Shore hardness: 55 Shore

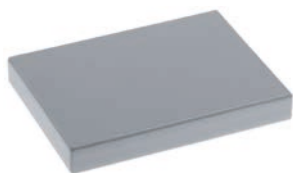


Code No.	Type	Slot geometry
401851810000	Door gap seal, 10 m roll	40
401851850000	Door gap seal, 50 m roll	40
4018518100000	Door gap seal, 100 m roll	40



Panels and accessories

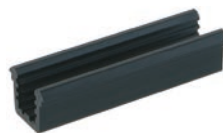
Versions



Panels



Framing profile



Embedding U-profile



Frame profile
Corner joint



Profile seal



Block joint -L-



Block joint -G-



Block joint -K-



Vario-Quick
holding block R



Vario-Quick
holding block S



Vario-Quick
holding block L



Vario-Quick
holding block K/KK



Vario-Quick
cable bracket



Tube clamp



Sliding door profile

Table of contents

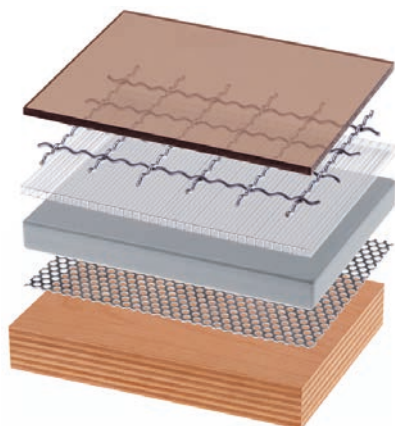
Panels and accessories

- Panels p. 270
- 2-piece framing profile Plastic p. 272
- 2-piece embedding U-profile p. 274
- Frame profile/corner joint p. 276
- Profile seals..... p. 277
- Block joint -L- p. 278
- Block joint -G-..... p. 279
- Block joint -K-..... p. 279
- Vario-Quick holding block R..... p. 280
- Vario-Quick holding block S p. 280
- Vario-Quick holding block L p. 281
- Vario-Quick holding block K/KK..... p. 282
- Vario-Quick cable bracket p. 283
- Tube clamp p. 283
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Panels and accessories

Panels

- For doors, cladding, safety and table tops. Cut to specification!



Code No.	Type	Thickness	Version	Max. size [mm]	Weight [kg/m ²]
4018584	Makrolon	2 mm	Clear	3.050 x 2.050	2.40
4018586	Makrolon	4 mm	Clear	3.050 x 2.050	4.80
4018576	Makrolon	6 mm	Clear	3.050 x 2.050	8.00
4018579	Makrolon	6 mm	Tinted	3.050 x 2.050	8.00
4018578	Makrolon	10 mm	Clear	3.050 x 2.050	13.00
4018582	Acrylic glass	4 mm	Clear	3.050 x 2.050	4.80
4018583	Acrylic glass	4 mm	Tinted	3.050 x 2.050	4.80
4018595	Acrylic glass	5 mm	Clear	3.050 x 2.050	6.00
4018563	Acrylic glass	5 mm	Blue, transparent	3.050 x 2.030	6.00
4018575	Acrylic glass	6 mm	Clear	3.050 x 2.050	7.20
4012575	Acrylic glass	6 mm	Tinted	3.050 x 2.050	7.20
4018577	Acrylic glass	10 mm	Clear	3.050 x 2.050	13.00
4018580	Acrylic glass	10 mm	Tinted	3.050 x 2.050	13.00
4012576	Trespa	6 mm	Brown	2.050 x 2.130	8.40
4012586	Trespa	6 mm	Silver-grey	3.050 x 1.530	8.40
4012587	Trespa	10 mm	Silver-grey	3.050 x 1.530	13.00
4018570	Koematex	6 mm	White	3.050 x 2.030	4.20
4018571	Koematex	8 mm	White	3.050 x 2.030	5.60
4018572	Koematex	10 mm	White	3.050 x 2.030	6.00
4012579	Multiplex	30 mm	Untreated	2.500 x 1.500	27.00
4015573	Aluminium	2 mm	Clear anodised	2.000 x 1.000	5.40
4012582	Table top	19 mm	Grey plastic-coated, glued edges	2.000 x 2.075	14.70
4012577	Composite	6 mm	Clear anodised	3.050 x 1.500	7.30
4012511	MDF panel	6 mm	Untreated	2.000 x 2.075	8.20
4012512	MDF panel	8 mm	Untreated	2.000 x 2.075	9.20
4016576	Perforated plate	1 mm	Round holes in staggered rows, galvanised steel	1.000 x 2.000	4.30
4016577	Wire mesh 20x20	2.5 mm	Galvanised steel	2.000 x 1.000	2.40
4016578	Wire mesh 30x30	3 mm	Galvanised steel	2.000 x 3.000	3.70
4016579	Wire mesh 40x40	4 mm	Galvanised steel	2.000 x 3.000	4.70

Further versions available on request. For material descriptions, see next page.

**Makrolon**

Unbreakable, impact-resistant, weather-resistant, good chemical resistance

**Wire mesh**

Galvanised steel, cost-effective panel for safety devices

**Acrylic glass**

Highly transparent, low thickness tolerances, weather-resistant, unbreakable, easy to work with

**Perforated plate**

Galvanised sheet steel, 5 mm round hole in staggered rows

**Acrylic glass**

Highly transparent blue, low thickness tolerances, weather-resistant, unbreakable, easy to work with

**Table top**

Decorative, plastic-coated, glued edges

**Trespa**

Colourfast, weather-resistant, decorative, impact-, shock- and scratch-resistant, very easy to work with

**Composite**

Low-weight, high flexural strength, weather-resistant, very good flatness and smooth surface

**Koematex**

Flame-retardant, thermoformable, low static charging, very easy to work with

**MDF panel**

Easy to work with, cost-effective

**Multiplex panel**

High load-bearing strength and flexural strength, easy to work with

Panels and accessories

2-piece framing profile

■ Used for retrofitting panels

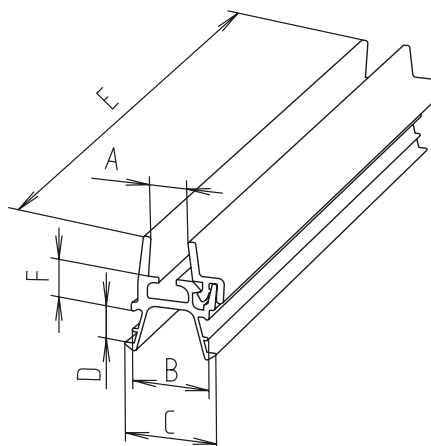
Material: Black plastic.

For a description of assembly, please see page 273 **Profile cut length:**

Frame internal dimension -33 mm (if corner pieces are used)

Panel cut length:

Frame internal dimension -5.5 mm all-round



Note: Note there is another framing profile version on page 274.

Code No.	Type	A	B	C	D	E	F
4018556	Bar	4	11.8	14.2	5	2000	4
4018558	Bar	5	11.8	14.2	5	2000	4
4018560	Bar	6	11.8	14.2	5	2000	4

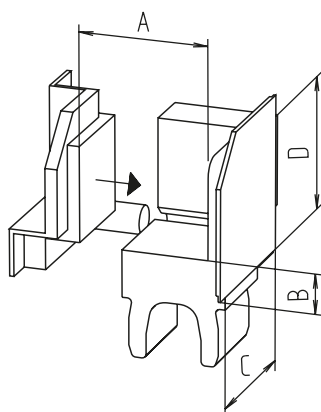
Order instruction:

■ Purchase only in lot sizes and a multiple of that see product table below

Material: Black plastic

Assembly description: see page 273

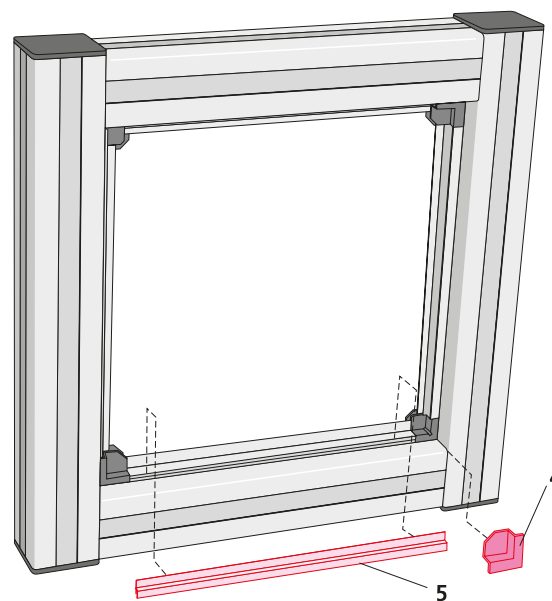
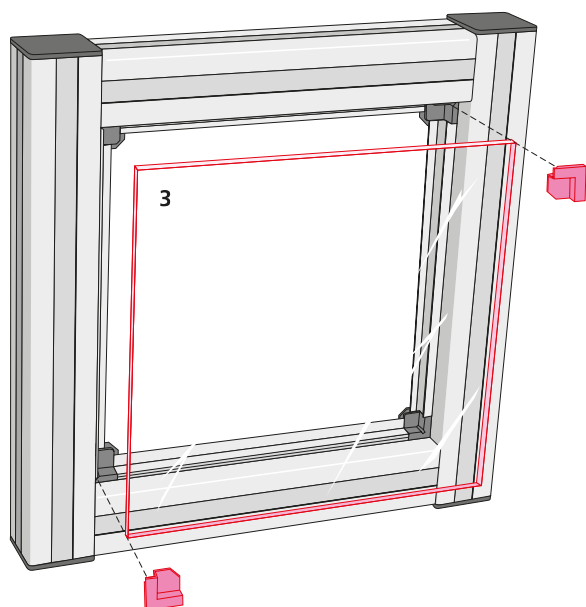
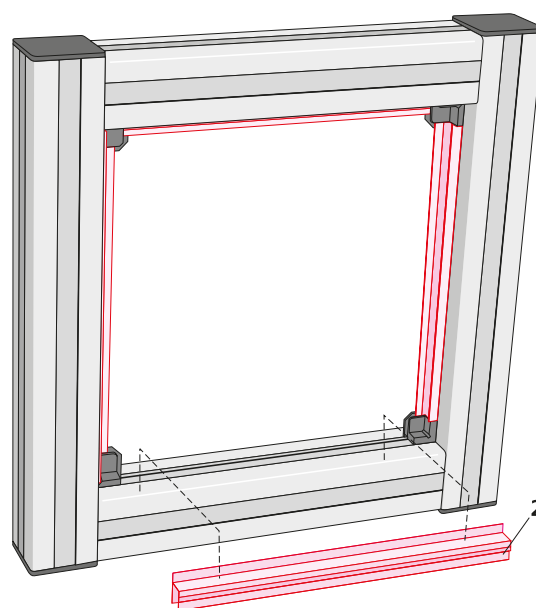
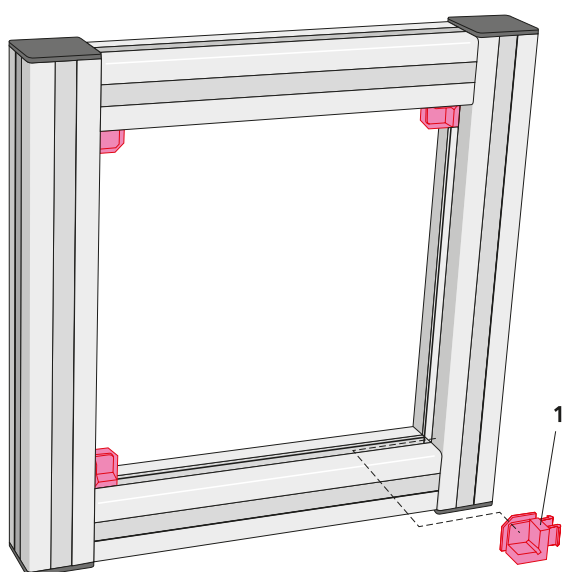
Corner piece



Code No.	lot size	A	B	C	D
4018565	4, 8, 12... pcs	4 or 6	4	17	17

Assembly description:

1. Insert the corner piece base unit (1) into each corner.
 2. Cut framing profile (2) and press it into the profile slots.
 3. Insert panel (3) and fix with 2 corner piece covers (4) in diagonally opposite corners.
 4. Press in the cover strip of the framing profiles.
 5. Press in the remaining corner piece covers.
- All components can be undone if necessary, so that damaged panels or panes can be replaced without difficulty.



Panels and accessories

2-piece framing profile

Used for retrofitting panels

- Used for retrofitting panels
- The aluminium bottom is designed to take panel thicknesses of 4, 6, 8 or 10 mm. A plastic top serves as a sealing strip and protects against dust and splashes.

Material:

Aluminium profile bottom, black plastic profile top (with soft PVC on the sealing strips)

Profile cut length:

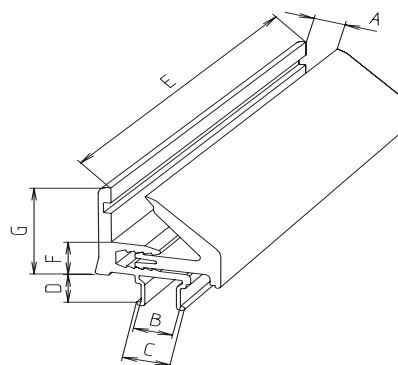
Frame internal dimension -56 mm (if corner pieces are used)

Panel cut length:

Frame internal dimension -11.5 mm all-round.

Assembly description:

See page 273



Code No.	Type	To slot geom.	A	B	C	D	E _{Max}	F	G
4010571	Cut to size	40	4,6,8,10	9.2	11.4	6.8	2000	10	26
4010572	Bar	40	4,6,8,10	9.2	11.4	6.8	2000	10	26

Order instruction:

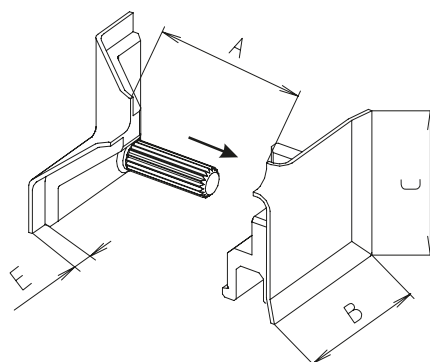
- Purchase only in lot sizes and amultiple of that see product table below

Material: Black plastic

Assembly description:

See page 273

Corner piece



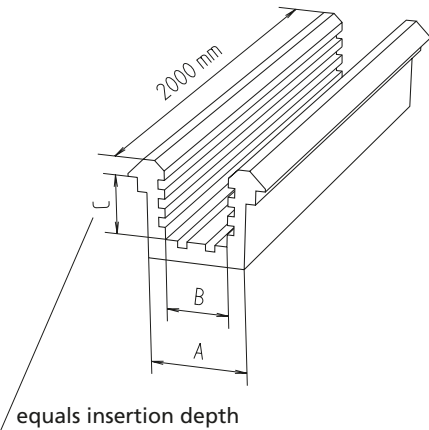
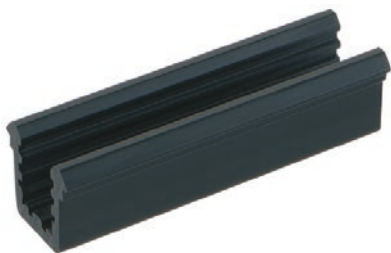
Code No.	lot sizes	Slot geometry	A	B	C	E
4018566	4, 8, 12... pcs	40	4-10	31	31	5



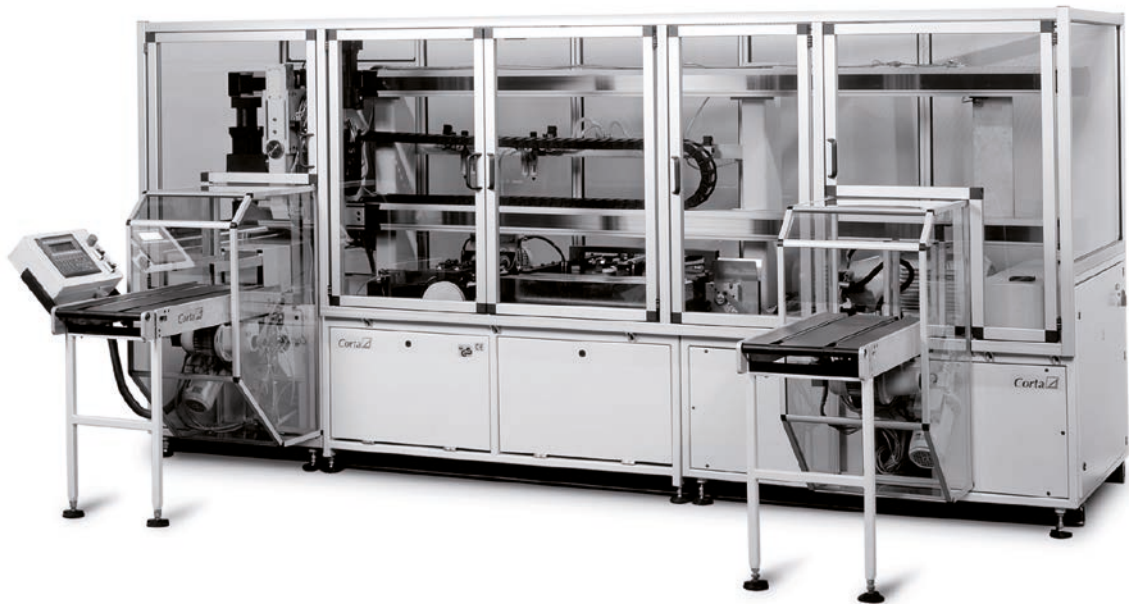
Embedding U-profile

- Panels with a thickness of 6 mm can be embedded in the slots with the plastic profile.
- The embedding U-profiles are slid into the slot before assembly.

Material: Black plastic
Panel cut length:
Frame internal dimension +6 mm all-round.



Code No.	Type	To slot geometry	A	B	C
4010575	Bar	30 + 40	10	6	6



Panels and accessories

Frame profile

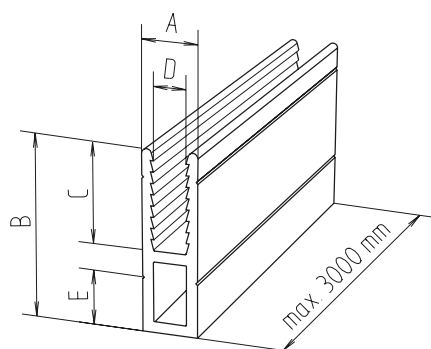


- Takes wire meshes (up to 30x30x3) and panels

Material: Aluminium

Panel cut length:

Frame internal dimension -7 mm (with 30 slot geometry -10 mm, see page 172) all-round, for fixing in the slot.



Code No.	Type	A	B	C	D	E
4015562	Cut to size	10	33	18	5.8	10
4015560	3m bar	10	33	18	5.8	10

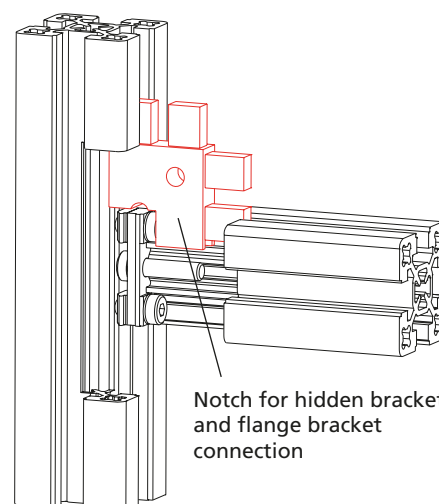
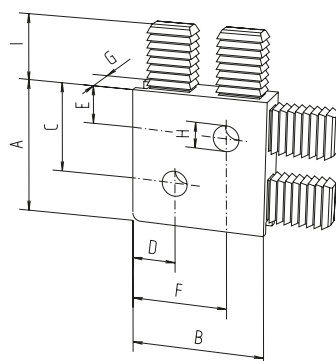
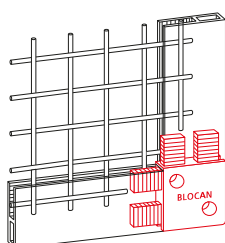
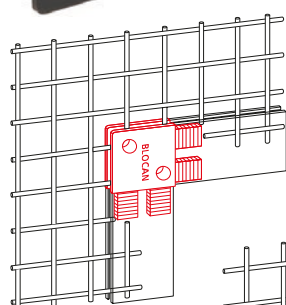
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

- Connection element for the frame profile

- **Material:** Black plastic

Frame corner joint



Notch for hidden bracket and flange bracket connection

Code No.	lot sizes	A	B	C	D	E	F	G	H	I
4010565	4, 8, 12... pcs	34	34	23	11	10	24	10	6.5	15
4000566	With notch for 30 slot geometry (see diagram above)									
4010566	With notch for 40 slot geometry (see diagram above)									



Profile seal

Version for 2-sided sealing



- Fixing panels in the profile slot

Assembly: Ideally, the seal is first laid around the panel and then placed into the profile slot.

Material: SBR, 60 Sh, black

Panel cut length:
Frame internal dimension +6 mm all-round.



Code No.	Sealing	For panel thickness	Slot geometry	length
401851510000	2-sided	6 mm	40	10 m
401851560000				60 m

Version for 1-sided sealing



Assembly: Insert the panel into the profile slot.
Then press the profile seal into the slot by hand or using a blunt object.

Material: Black EPDM



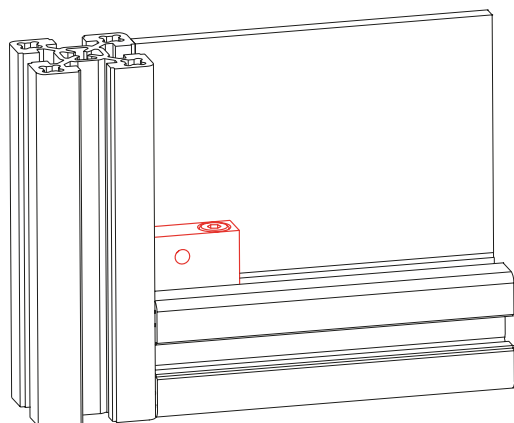
Code No.	Sealing	For panel thickness	Slot geometry	Length
4018513010000	1-sided	2 - 4 mm	40	10 m
4018513050000				50 m
4018513150000				150 m
421857110000		*For all clamping profiles	30, 40	10 m
421857150000				50 m
4218571100000				100 m
401851410000		6 mm	40	10 m
401851450000				50 m
4018514100000				100 m

*The clampable wall thickness is reduced by 2 mm

Panels and accessories

Block joint

■ For fixing panels to profiles



Order instruction:

■ Purchase only in lot sizes and amultiple of that see product table below

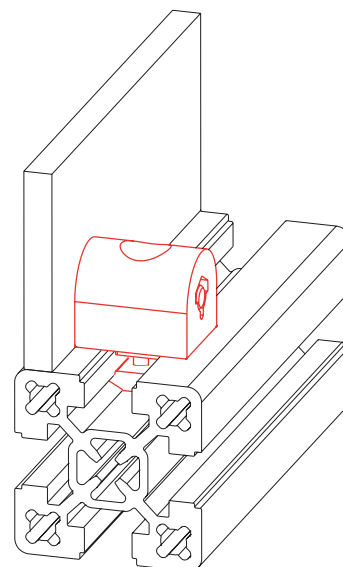
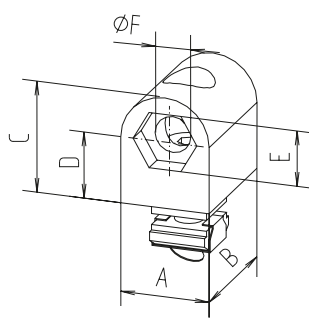
Material:

Black plastic, galvanised steel parts

Includes:

Complete fixing set for profile assembly.

Block joint -L-



[mm]

Code No.	Type	lot sizes	Slot geom.	A	B	C	D	E	F
4008122	Block joint -L-	–	30	20	24	20	10	8	5.5
4018122	Block joint -L-	–	40	20	24	20	10	8	5.5
4004131	Fixing screw for panel Wall thickness 2-8 mm Socket head button screw M5x30 ISO 7380, Hexagon nut DIN 439	10, 20, 30... pcs	–	–					



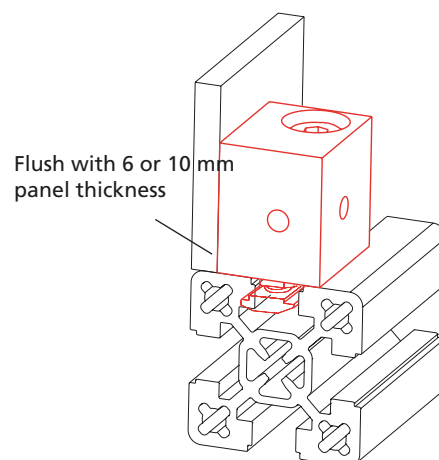
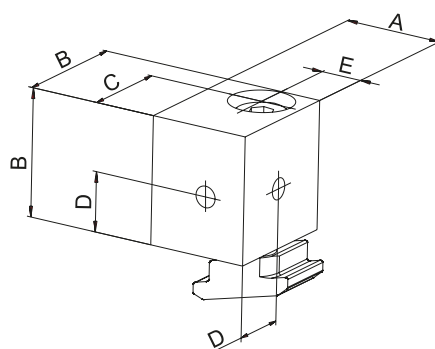
Block joint -G-

Material:

Vibration finished aluminium,
galvanised steel parts

Includes:

Complete fixing set for profile as-
sembly.



Flush with 6 or 10 mm
panel thickness

[mm]

Code No.	Type	Slot geometry	A	B	C	D	E
4015121	M6	40	24	30	22	14	10
4025122	M8	40	24	30	22	14	10
4085121	M6 for profile 50	40	34	30	22	14	15
4085122	M8 for profile 50	40	34	30	22	14	15

Block joint -K-

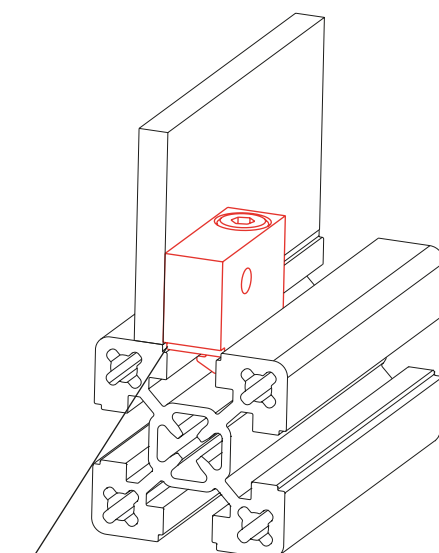
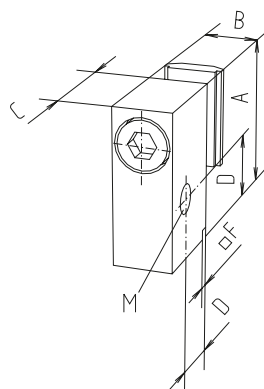
Material:

Vibration finished aluminium,
galvanised steel parts

Includes:

Complete fixing set for profile as-
sembly.

The insertion depth in the profile
is 1.5 mm.



Insertion depth

[mm]

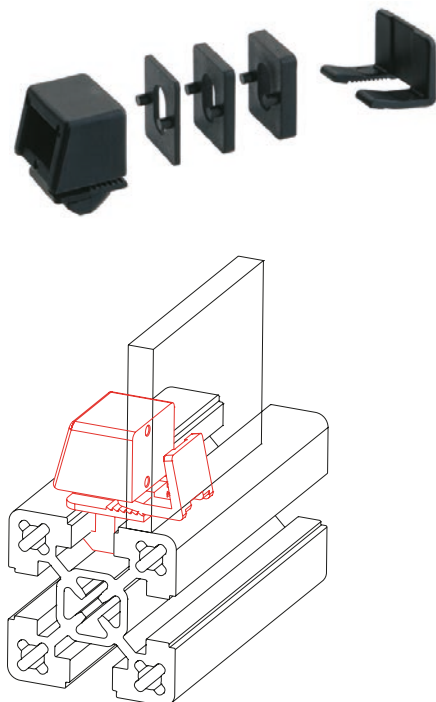
Code No.	Type	Slot geometry	A	B	C	D	F	M
4005123	M6	30	32	12	20	12.5	2	M6
4015123	M6	40	32	12	20	12.5	2	M6

Panels and accessories

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Vario-Quick holding block R



- For retrofitting a wide variety of panels without screws in an existing profile structure
- Fixation by means of toothed snap-in clips. Spacers allow for different distances from the profile edge

Clamping range for panels:
1-10 mm.

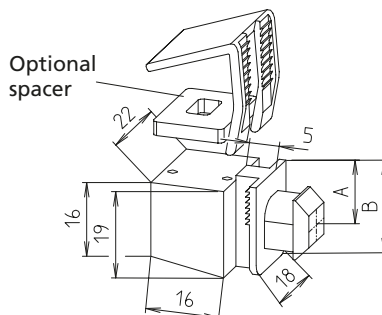
Panel cut length:

Frame internal dimension -6 mm all-round.

Material: Black plastic

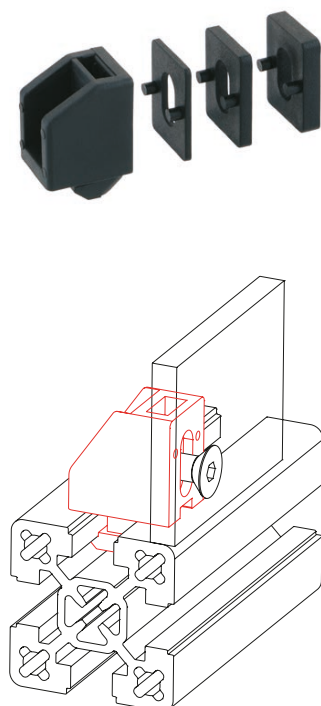
Includes:

1 pack of 10



Code No.	Type	lot sizes	Version	[mm]	
				A	B
4008123	Holding block R	10, 20, 30... pcs	30 slot geometry	5.5	20
4018123	Holding block R	10, 20, 30... pcs	40 slot geometry	8.5	20
4008132	Spacer R	10, 20, 30... pcs	2 mm	—	—
4008133	Spacer R	10, 20, 30... pcs	3 mm	—	—
4008135	Spacer R	10, 20, 30... pcs	5 mm	—	—

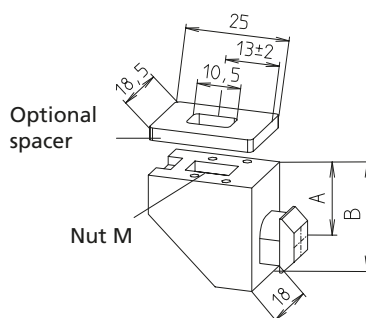
Vario-Quick holding block S



- For retrofitting a wide variety of panels in an existing profile structure
- The panel is screwed to the holding block.

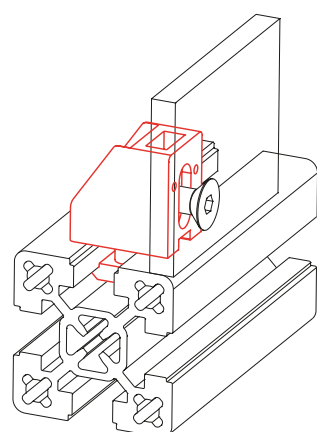
■ Spacers allow for different distances from the profile edge

Material: Black plastic
Galvanised nut



Code No.	Type	lot sizes	Version	[mm]		
				A	B	M
4008164	Holding block S	10, 20, 30... pcs	30 slot geometry	5	18	M4
4018164	Holding block S	10, 20, 30... pcs	40 slot geometry	10	25	M4
4008124	Holding block S	10, 20, 30... pcs	30 slot geometry	5	18	M6
4018124	Holding block S	10, 20, 30... pcs	40 slot geometry	10	25	M6
4018132	Spacer S/L	10, 20, 30... pcs	2 mm	—	—	—
4018133	Spacer S/L	10, 20, 30... pcs	3 mm	—	—	—
4018135	Spacer S/L	10, 20, 30... pcs	5 mm	—	—	—

Vario-Quick holding block L

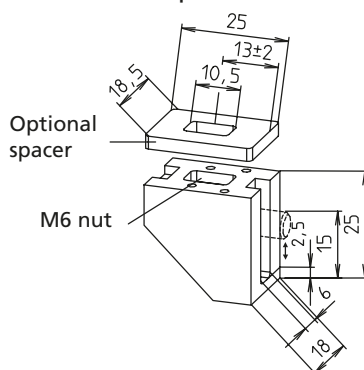


- For fixing various panels in an profile structure.
- The panel is screwed to the holding block.
- One fixing set connects one profile. The slot allows different panel thicknesses to be fixed without spacers.

Material: Black plastic, galvanised nut

Includes:
1 pack of 10

The Order No. includes one complete fixing set (socket head cap screw, slot stone -F-) for mounting on profile

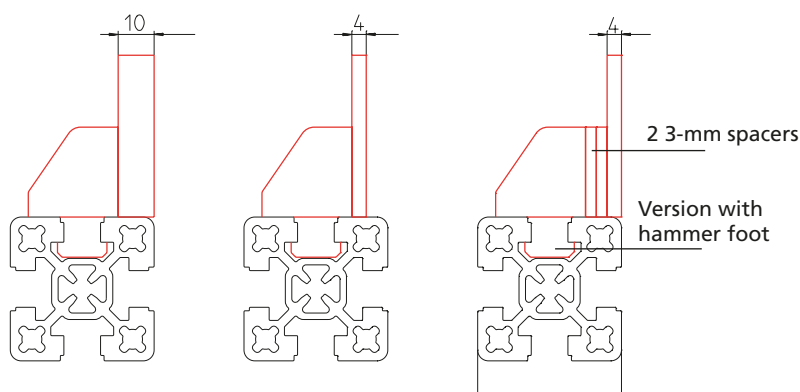


[mm]

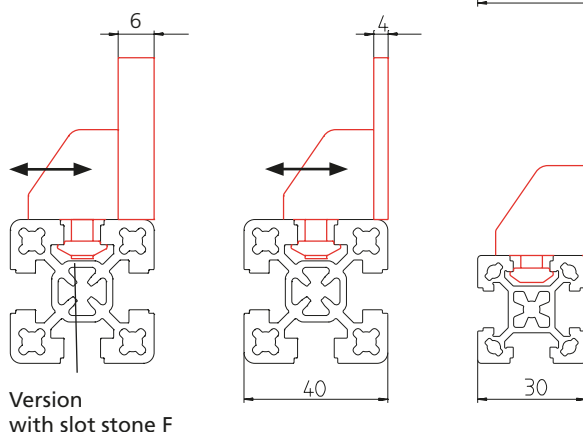
Code No.	Type	lot sizes	Version
4008126	Holding block L	10, 20, 30... pcs	30 slot geometry
4018126	Holding block L	10, 20, 30... pcs	40 slot geometry
4018132	Spacer S/L	10, 20, 30... pcs	2 mm
4018133	Spacer S/L	10, 20, 30... pcs	3 mm
4018135	Spacer S/L	10, 20, 30... pcs	5 mm

Application examples:

- **Vario-Quick holding block R/S**
Profile 40 combined with panel thickness 4 and 10 mm. Compensation using spacers (choice of 2, 3 or 5 mm)



- **Vario-Quick holding block L:**
Profile 40 combined with panel thickness 4 and 6 mm. Compensation using slot – if necessary, using spacers (choice of 2, 3 or 5 mm)



Panels and accessories

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

- For fixing cables and hoses
- It is possible to insert it into the profile slot retrospectively

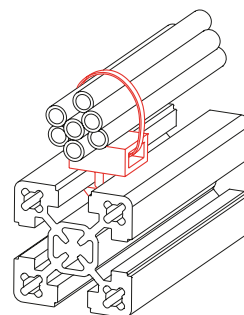
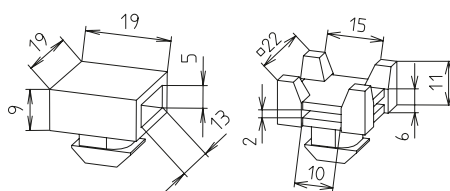
Material: Black plastic

Vario-Quick holding block K/KK

Type K



Type KK

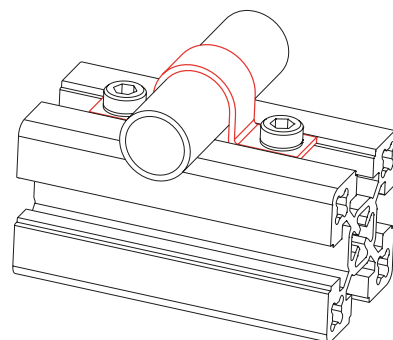
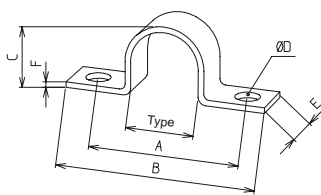


Code No.	Type	Version
40081251	Holding block K	30 slot geometry
40181251	Holding block K	40 slot geometry
40181271	Holding block KK	40 slot geometry

Tube clamp

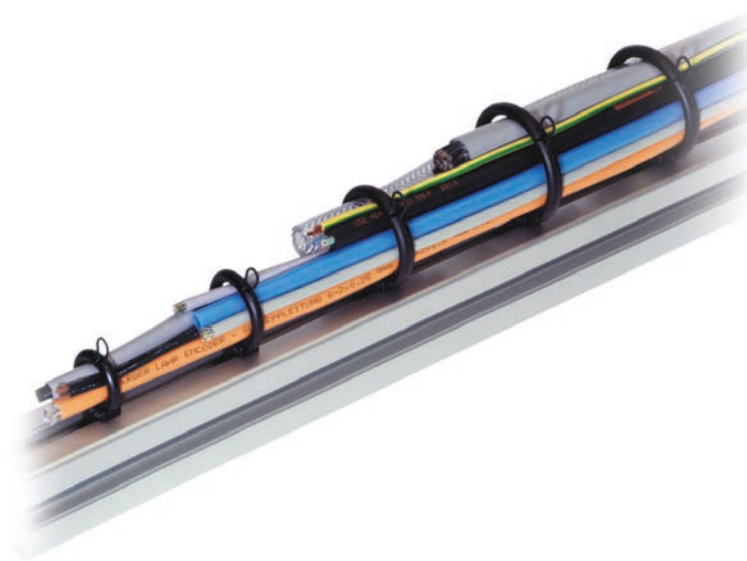
- For fixing tubes, hoses and cables

Material: Stainless steel, galvanised fixing set



[mm]

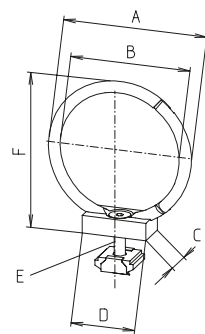
Code No.	Type	lot sizes	A	B	C	D	E	F
40105401	Ø6	10, 20, 30... pcs	28	41.5	6.8	6.5	12	1
40105411	Ø8	10, 20, 30... pcs	28	41.5	8.5	6.5	12	1
40105421	Ø10	10, 20, 30... pcs	33	46	10.5	6.5	12	1
40105431	Ø12	10, 20, 30... pcs	33	46	13	6.5	12	1
40105441	Ø14	10, 20, 30... pcs	35	48	15	6.5	12	1
40105451	Ø18	10, 20, 30... pcs	40	53	19.5	6.5	12	1.5
40105461	Ø20	10, 20, 30... pcs	40	53	21.2	6.5	12	1.5
40105471	Ø21.3	10, 20, 30... pcs	40	53	22.5	6.5	12	1.5
40105481	Ø27	10, 20, 30... pcs	47	60	28	6.5	12	1.5
Fixing set (for 10 tube clamps)								
40005491	30 slot geometry	10, 20, 30... pcs	–	–	–	–	–	–
40105491	40 slot geometry	10, 20, 30... pcs	–	–	–	–	–	–



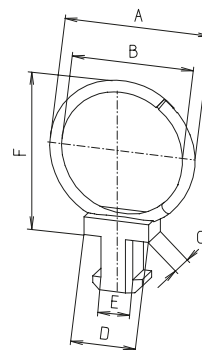
Vario-Quick cable bracket

- For routing cables and hoses
- Simply screwed into the slot
- Can be opened and reused without any problem

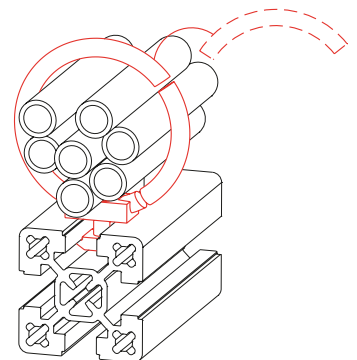
Material: Black plastic



Slot stone (N) version



Hammer foot (HF) version



[mm]

Code No.	Type	lot sizes	Slot geometry	A	B	C	D	E	F
40081401	15 HF	10, 20, 30... pcs	30	28.5	17	10	19	9.5	28.5
40181401	15 HF	10, 20, 30... pcs	40	28.5	17	10	19	9.5	28.5
4018152	15 N	10, 20, 30... pcs	30	28.5	17	12	20	M 5	28.5
40181441	15 N	10, 20, 30... pcs	40	28.5	17	12	20	M 5	28.5
40081411	25 HF	10, 20, 30... pcs	30	36.5	25	10	19	9.5	36.5
40181411	25 HF	10, 20, 30... pcs	40	36.5	25	10	19	9.5	36.5
40081451	25 N	10, 20, 30... pcs	30	36.5	25	12	20	M 5	36.5
4018153	25 N	10, 20, 30... pcs	40	36.5	25	12	20	M 5	36.5
40081421	35 HF	10, 20, 30... pcs	30	47.5	35	10	19	9.5	47.5
40181421	35 HF	10, 20, 30... pcs	40	47.5	35	10	19	9.5	47.5
40081461	35 N	10, 20, 30... pcs	30	47.5	35	12	20	M 5	47.5
4018154	35 N	10, 20, 30... pcs	40	47.5	35	12	20	M 5	47.5
40081431	45 HF	10, 20, 30... pcs	30	56.5	45	10	19	9.5	56.5
40181431	45 HF	10, 20, 30... pcs	40	56.5	45	10	19	9.5	56.5
40081471	45 N	10, 20, 30... pcs	30	56.5	45	12	20	M 5	56.5
4018155	45 N	10, 20, 30... pcs	40	56.5	45	12	20	M 5	56.5

Sliding door profile

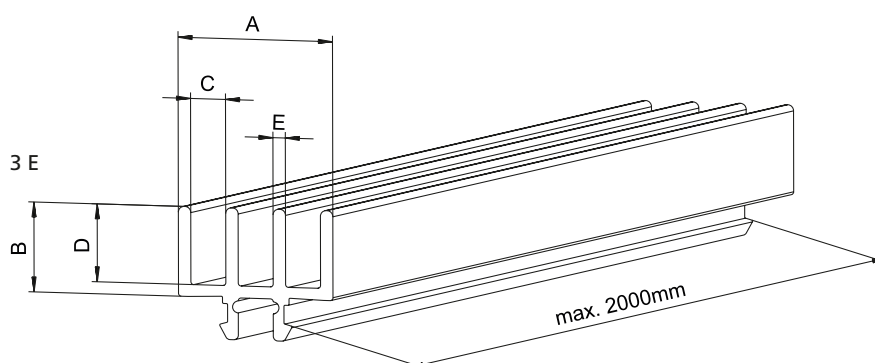
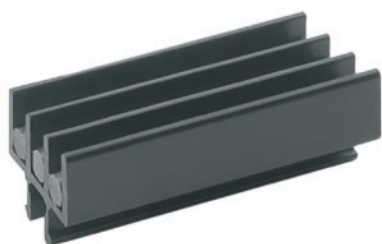
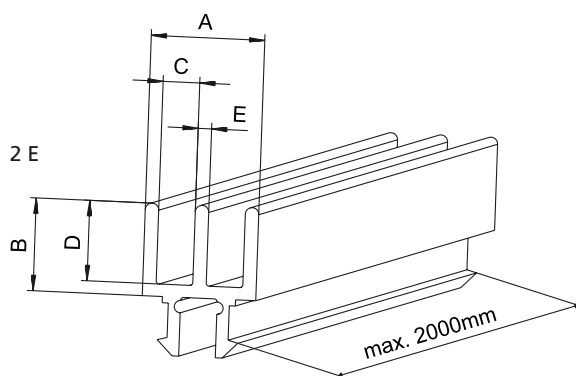
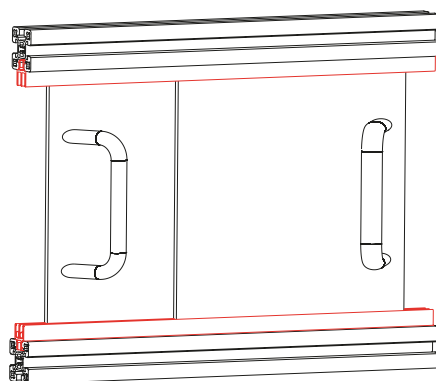
- The sliding door profile is inserted into the longitudinal slot of the BLOCAN® profile. Then the bead moulding is placed in the bottom sliding door profile. As illustrated in the diagram, the panels can now be inserted.

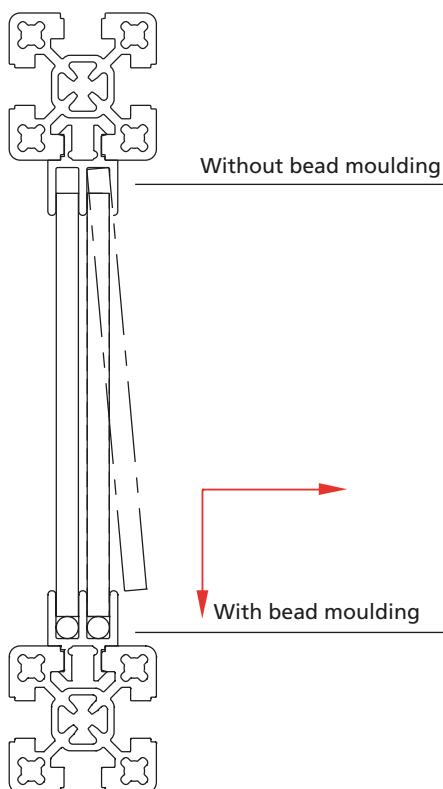
Material: Black plastic

Panel cut length:

Frame internal height -17 mm for 6 mm panels and -22 mm for 8 mm panels.

For sliding doors with a profile frame, the sliding piece on page 274 or the roller module in the safety guard section on page 442 must be used.





Code No.	Type	Slot geometry	A	B	C	D	E
Without bead moulding							
4000553	2E, cut to size	30	19	15	6,2	12,6	2
4000551	2E, bar						
4010555	2E, cut to size	40	18,6	15	6	13	2,2
4010551	2E, bar						
4010557	2E, cut to size	40	28	17,5	8,3	15	6
4010556	2E, bar						
On request	3E, cut to size	40	27,4	15	6,2	13	2,2
On request	3E, bar						
With bead moulding							
4000552	2E, cut to size	30	19	15	6,2	12,6	2,2
4000550	2E, bar						
4010552	2E, cut to size	40	18,6	15	6	13	2,2
4010550	2E, bar						
4010554	2E, cut to size	40	28	17,5	8,3	15	6
4010553	2E, bar						
On request	3E, cut to size	40	27,4	15	6,2	13	2,2
On request	3E, bar						

Feet, castors and accessories

Versions



Foot -plastic-



Levelling foot



Eye bolt



Connecting plate
for foot



Base angle -steel-



Base angle -aluminium-



Base plate



Clamp FKV / FV



Base bracket



Base clamp FVV



Steering roller



Fixed castor



Foot rest FSH

Table of contents

Feet, castors and accessories

- Foot -plastic- p. 288
- Levelling foot p. 289
- Eye bolt..... p. 289
- Connecting plate for foot p. 290
- Base angle -steel- p. 292
- Base angle -aluminium- p. 293
- Base plate p. 294
- Clamp FKV / FV p. 295
- Base bracket p. 289
- Base clamp FVV p. 296
- Steering roller p. 298
- Fixed castor..... p. 299
- Foot rest FSH p. 300

Feet, castors and accessories

Foot –plastic–

- Visually attractive
- Alternative to conventional levelling feet
- Height adjustment without tools

Material: Black plastic

Includes:

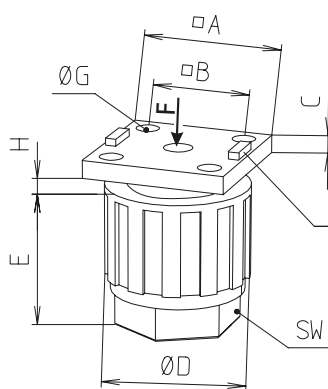
Complete foot with fastenings (galvanised) for connection to one profile.



Fixing in the slot



Fixing to the face

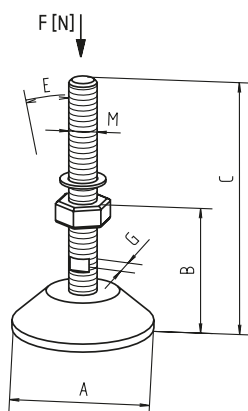


H = height adjustment

Centring pin
(if necessary, can be removed with a pliers)

[mm]										
Code No.	Slot geometry	A	B	C	D	E	G*	Max. H	Wrench size	F [N]
Fixing in the slot and to the face of the profile										
4008301	30	30	20.5	5	30	29.5	4.5	15	22	1000
4018301	40	40	28	5	40	39.5	6.6	23	30	1200

Levelling foot

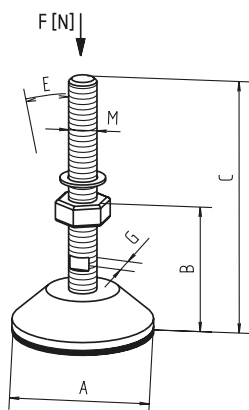


Material:
Galvanised steel,
black plastic pivot plate.
Fixation with foot connecting
plates.
See page 290.

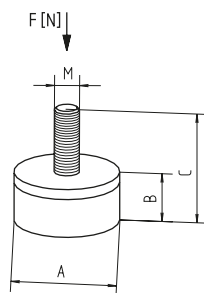
[mm]

Code No.	Type	Version	A	B	C	M	E	G	F [N]
4006304	M8		47	20	52	M8	15°	12	1500
4016302	M10		50	25	93	M10	15°	12	3000
4016303	M12		80	24	117	M12	15°	12	7000
4026301	M16	Corrosion-resist.	80	29	156	M16	15°	13	10000
4046301	M20		60	39	185	M20	15°	16	10000
4696301	M20		100	39	185	M20	15°	16	10000
4696302	M20		123	61	207	M20	15°	16	20000

Levelling foot with vibration absorber



From M10

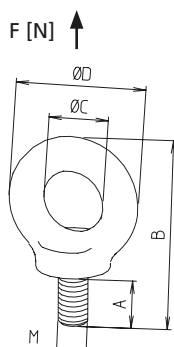


Version: M6, M8

Material:
Galvanised steel
Black plastic pivot plate.
Fixation with foot connecting
plates.
See page 290

Code No.	Type	Version	A	B	C	M	E	G	F [N]
4006311	M6		25	12	28	M6	–	–	520
4016311	M8		30	15	33	M8	–	12	760
4016312	M10		50	25	94	M10	15°	12	3000
4016313	M12		80	40	119	M12	15°	12	7000
4026311	M16	Corrosion-resist.	80	32	159	M16	15°	13	10000
4046311	M20		60	42	188	M20	15°	16	10000
4696311	M20		100	39	188	M20	15°	16	10000
4046312	M20		123	70	215	M20	15°	16	10000

Eye bolt



Material: Galvanised steel
C 15 fixation with foot connecting
plates.
See page 290

[mm]

Code No.	Type	Version	A	B	C	D	M
4000300	M6	DIN 580	12	39	13,5	28	M6
4000301	M8	DIN 580	13	49	20	36	M8
4000302	M10	DIN 580	17	62	25	45	M10
4000303	M12	DIN 580	20,5	73,5	30	54	M12

Feet, castors and accessories

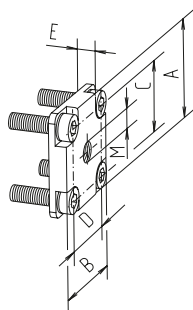
Connecting plate for levelling feet



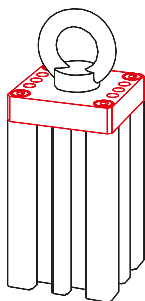
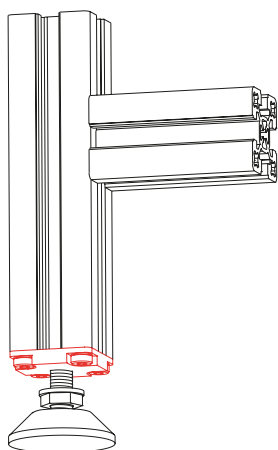
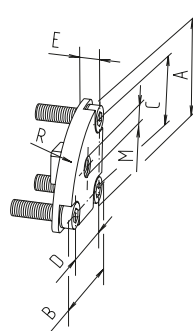
- Connecting plate with tapped hole for feet.
- Also suitable for taking eye bolts.

Includes:
Connecting plate incl. fastenings

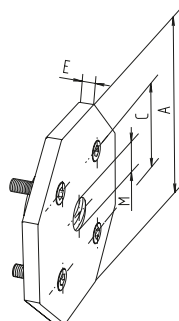
(1) Die-cast aluminium



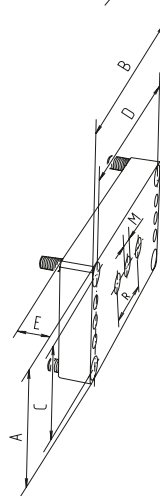
(2) Aluminium



(3) Gravity die-cast aluminium



(4) Die-cast aluminium



For feet and eye bolts, please see page 289

[mm]										
Code No.	Type	Connec- tion	See figure	A	B	C	D	E	M	R
4006401	W/KLW 30-30	M6	2	30	30	—	—	6	M6	R 29
4006402	W/KLW 30-45	M6	2	30	30	—	—	6	M6	R 29
4006403	W/KLW 30-60	M6	2	30	30	—	—	6	M6	R 29
4006404	W/KLW 30-90	M6	2	30	30	—	—	6	M6	R 29
4034404	F-GG 40x80	M8	4	40	80	28	68	7	M8	—

[mm]

Code No.	Type	Con- nec- tion	See figure	A	B	C	D	E	M	R
4034402	F-GG 40x80	M10	4	40	80	28	68	7	M10	–
4034403	F-GG 40x80	M12	4	40	80	28	68	7	M12	–
4016401	W/KLW 40-30	M8	2	40	40	–	–	8	M8	R 37
4016402	W/KLW 40-45	M8	2	40	40	–	–	8	M8	R 37
4016403	W/KLW 40-60	M8	2	40	40	–	–	8	M8	R 37
4016404	W/KLW 40-90	M8	2	40	40	–	–	8	M8	R 37
4085401	F-G 50x50/F-GG 50x50/F-2G 50x50/F-3G 50x50	M8	1	50	50	38	38	7	M8	–
4085402	F-G 50x50/F-GG 50x50/F-2G 50x50/F-3G 50x50	M10	1	50	50	38	38	7	M10	–
4224402	F-G 60x60/F-GG 60x60/F-2G 60x60/F-3G 60x60	M8	1	60	60	43/48	43/48	6.5	M8	–
4224403	F-G 60x60/F-GG 60x60/F-2G 60x60/F-3G 60x60	M10	1	60	60	43/48	43/48	6.5	M10	–
4044404	F-G 80x80/F-GG 80x80/F-2G 80x80/F-3G 80x80	M10	1	80	80	68	68	8	M10	–
4044405	F-G 80x80/F-GG 80x80/F-2G 80x80/F-3G 80x80	M12	1	80	80	68	68	8	M12	–
4044402	F-G 80x80/F-GG 80x80/F-2G 80x80/F-3G 80x80	M16	1	80	80	68	68	8	M16	–
4044403	F-G 80x80/F-GG 80x80/F-2G 80x80/F-3G 80x80	M20	1	80	80	68	68	8	M20	–
4054402	8x40	M16	3	97	–	45	–	8	M16	–
4054403	8x40	M20	3	97	–	45	–	8	M20	–

Feet, castors and accessories

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Base angle –sheet steel–

- For fixing frames, work tables and machines
- Angle bracket can be retro-spectively fixed to the profile with slot stone -R- See page 254.

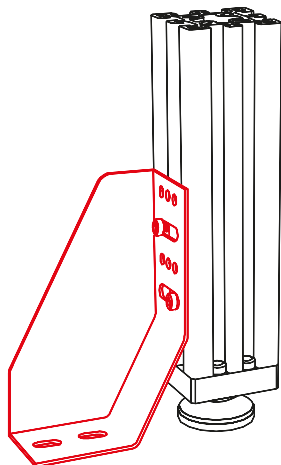
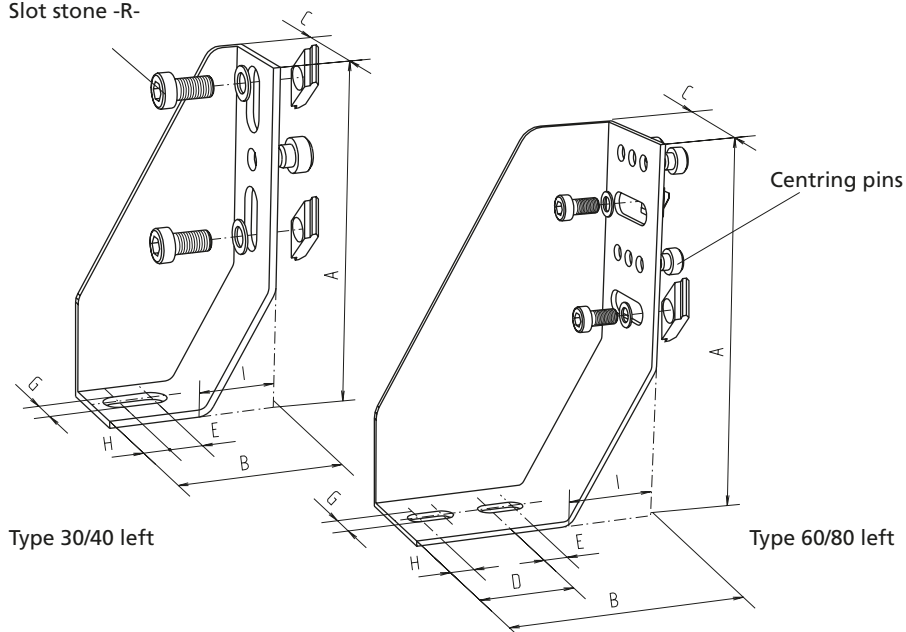
Material:

Sheet steel St 37, 3 mm thick, black textured paint.

Includes: Complete set including fastenings



Socket head cap screw
M8x12, DIN 7984
Slot stone -R-



Code No.	Type	A	B	C	D	E	G	H	I
4001300	30/40 left	100	50	28	–	10	9	–	18
4001301	30/40 right	100	50	28	–	10	9	–	18
4021300	60/80 left	150	100	48	40	10	9	10	32
4021301	60/80 right	150	100	48	40	10	9	10	32

Code No.	Type	lot sizes
4016605	Floor fixing M8x60	4, 8, 12... pcs

**Order instruction:**

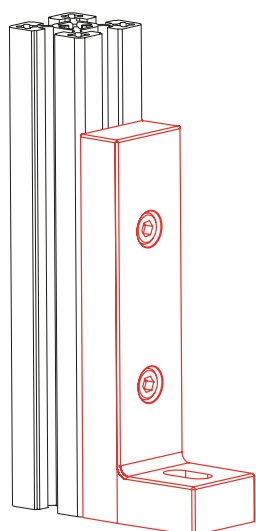
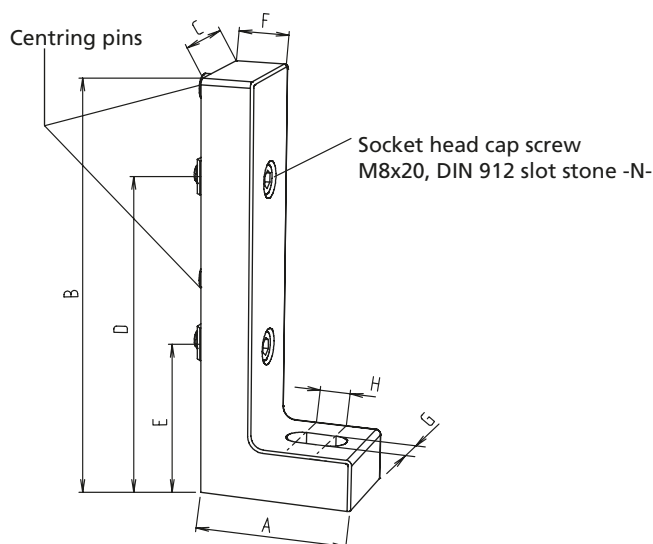
- Purchase only in lot sizes and amultiple of that see product table below

- For fixing frames, work tables and machines
- Angle bracket is fixed to the profile with slot stones -N-. See page 254

Material:

Black powder-coated gravity die-cast aluminium

Includes: Complete set including fastenings

**Base angle
–aluminium–**

Code No.	Type	A	B	C	D	E	F	G	H
4011302	40 slot geometry	60	160	40	120	55	20	11	12

Code No.	Type	lot sizes
4016604	Floor fixing M8x115	4, 8, 12... pcs

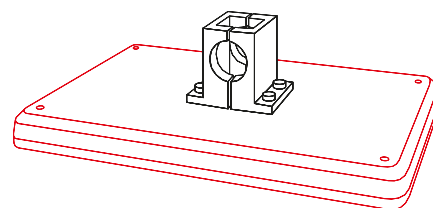
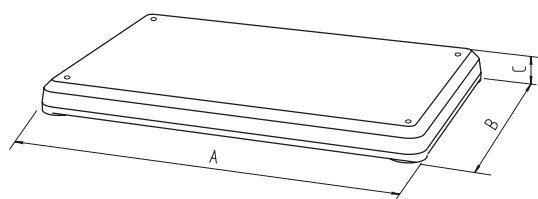
Feet, castors and accessories

Base plate

- Optionally available with hole, rubber foot, foot or steering roller
- Optional filling (steel plate) available to raise the overturning moment

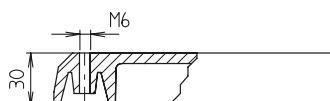
Material:

Vibration finished gravity die-cast aluminium
(powder-coating available on request)

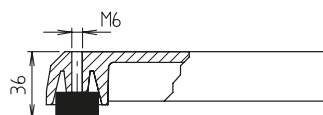


Code No.	Type	A	B	C
230 000 100 20	FP	375	250	30

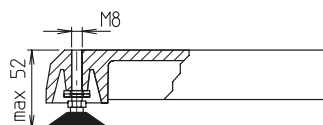
1= Hinge hole



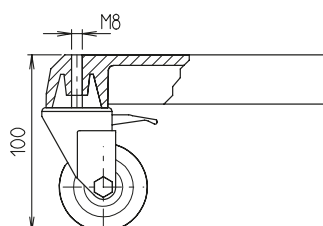
2= Rubber foot



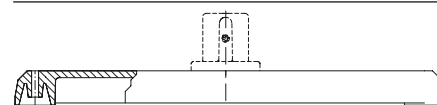
3= Foot



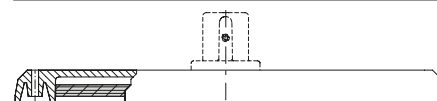
4= Steering roller with brake



= Without filling,
overturning moment 3 Nm



Y= Cavity with steel plate (m= 4.6 kg),
Overturning moment 6 Nm

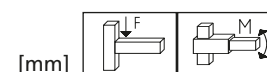
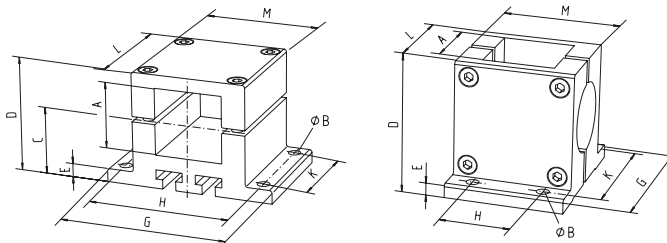




Clamp



Material: Aluminium, stainless steel fixing
For further clamping elements, please refer to the catalogue "Connecting Technology"

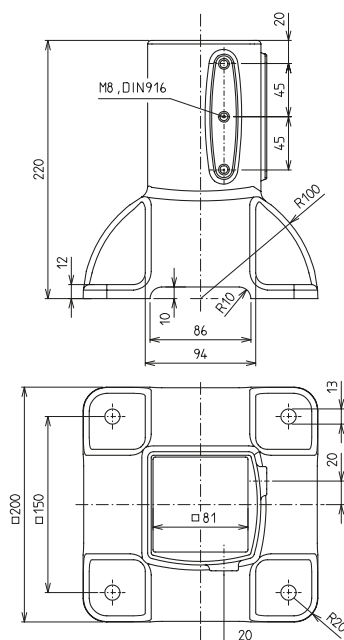


Code No.	Type	A	Ø B	C	D	E	G	H	K	L	M	F [N]	M [Nm]
52300005030	FKV 30	30.2	7	30	51	6	84	70	40	56	56	2700	310
52400005030	FKV 40	40.3	7	40	68	8	97	83	54	68	68	2700	770
52500005030	FKV 50	50.4	9	50	85	10	125	105	65	85	85	—	—
52600005030	FKV 60	60.3	9	62.5	111	12	145	120	80	105	105	—	—
52800005030	FKV 80	80.4	11	80	136	16	170	148	80	126	126	—	—
53300005030	FV 30	30.2	7	—	58	6	70	28	56	42	56	3100	300
53400005030	FV 40	40.3	7	—	74	8	85	40	70	56	68	3500	980
53500005030	FV 50	50.4	9	—	92	10	110	50	90	70	84	—	—
53600005030	FV 60	60.4	9	—	112.5	12	137	80	120	97	105	—	—
53800005030	FV 80	80.4	11	—	142	16	156	80	135	112	126	—	—

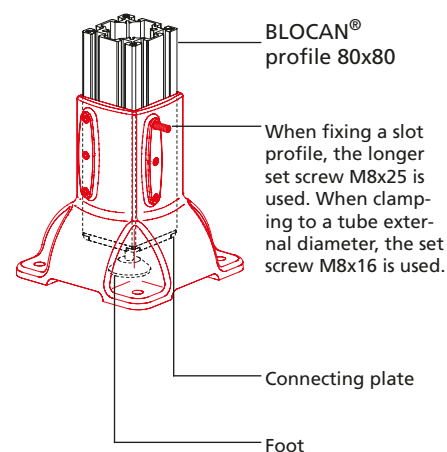
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Base bracket BAK-80



Material: Silver powder-coated gravity die-cast aluminium, stainless steel fixing



Code No.	Type	lot sizes	Version
4040501	Base bracket BAK-80	—	with set screw M8x25 DIN916-A
4016302	Levelling foot M10	—	Length 93 mm, plate Ø 50 mm
4019302	Levelling foot M10, corrosion-resistant	—	Length 93 mm, plate Ø 50 mm
4044404	Connecting plate for levelling foot	—	for BLOCAN profile S/F-80
40495001	Set screws M8x16 DIN916-A	4, 8, 12... pcs	Pack of 6 set screws
4016605	Fixing bolt	4, 8, 12... pcs	8x60, hole diameter 12 mm

Feet, castors and accessories

Base clamp FVV



- Base clamp to take size 40 BLO-CAN® profiles or size 40 square tubes.

Material: ground finished die-cast aluminium, zinc plated fixing

- Set screws can be used to compensate for unevenness. Supporting shims, placed under the foot, prevent the set screws from digging into the floor.

Supporting/Levelling shims

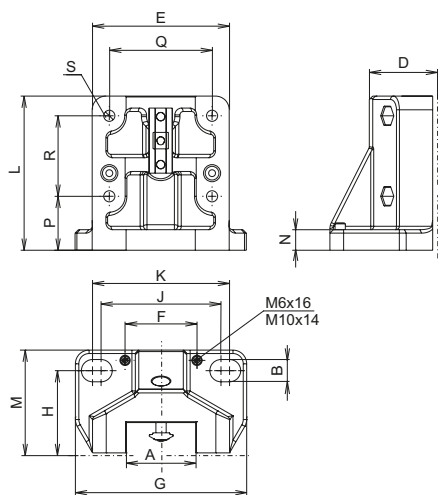


- The levelling shims give the foot clamp a full contact surface on uneven ground.

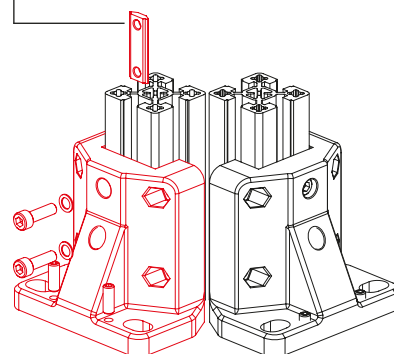
Material: zinc plated steel

Code No.	Type	Includes
4014301	Levelling shims for FVV 40	4 1-mm shims, 1 0.5-mm shim

FVV-NH



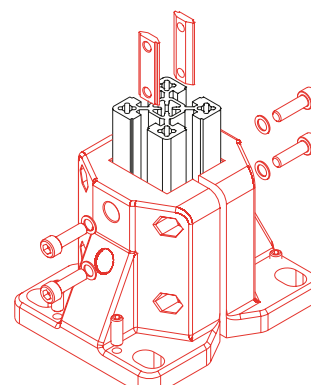
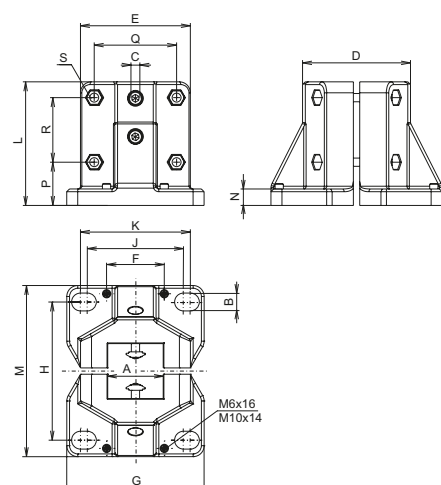
Clamping using slot stone -L-



Code No.	Type	A	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	Weight
4014310	FVV-NH 40	40.4	12.5	39.5	80	42	100	50	70	80	90	62.5	12	31.5	60	47	Ø6.5	399 g

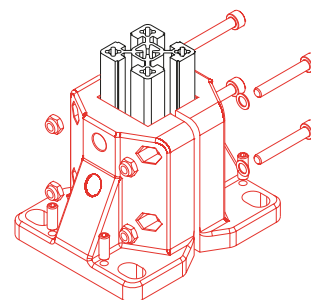
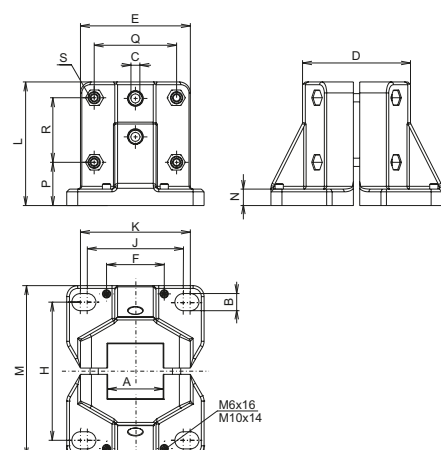


FVV-N



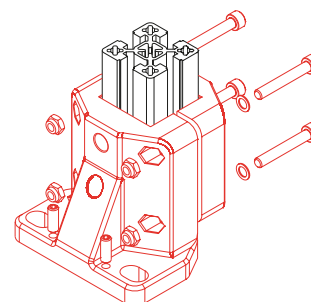
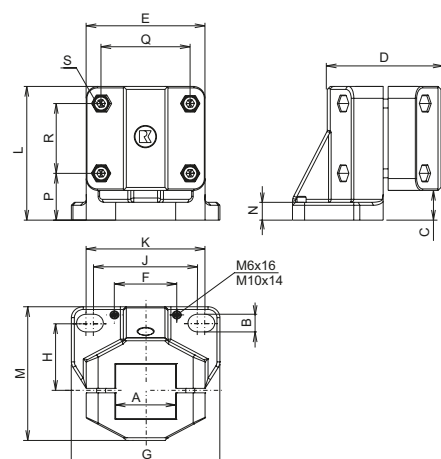
Code No.	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	Weight
4014311	FVV-N 40	40.4	12.5	6.5	79	80	42	100	100	70	80	90	125	12	31.5	60	47	M6x45	797 g

FVV-S



Code No.	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	Weight
4014312	FVV-S 40	40.4	12.5	6.5	79	80	42	100	100	70	80	90	125	12	31.5	60	47	M6x45	805 g

FVV-D



Code No.	Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	Weight
4014313	FVV-D 40	40.4	12.5	20	75	80	42	100	50	70	80	90	98	12	31.5	60	47	M6x45	633 g

Feet, castors and accessories

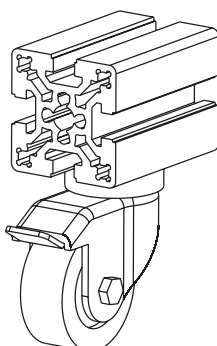
Lockable steering roller

- The steering roller mobilises frames, tables and superstructures. It is available with a 1-hole fixing or with fixing plate. In addition, each version has a combined roller and swivel locking device. Both the roller and the swivel head have ball bearings, which ensures that they run smoothly even under load. The rollers are not electrically conductive.

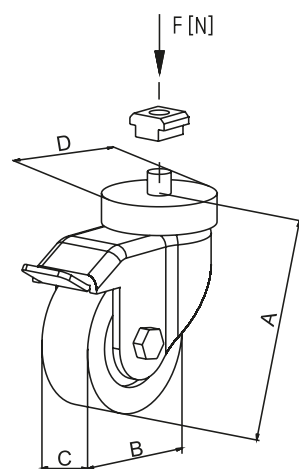
Material: Galvanised steel

Includes: Depending on the version, with connecting plate or slot stone.

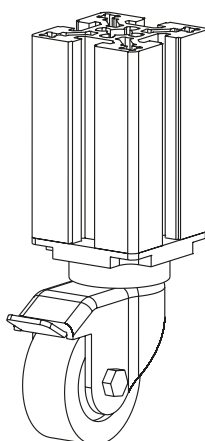
With slot stone



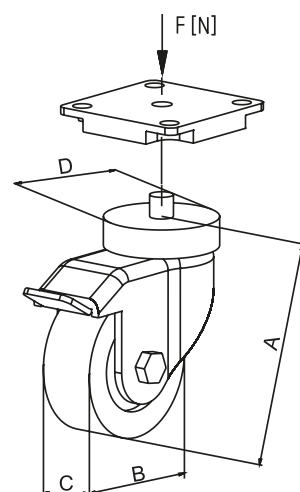
1



With connecting plate



2



[mm]

Code No.	Type	Suitable for:	A	B	C	D	Resist. F [N]
4016646	With slot stone	30 slot geometry (1)	70	50	20	39	400
4016648	With slot stone	40 slot geometry (1)	70	50	20	39	400
4086644	F-G 50x50/F-GG 50x50/F-2G 50x50/F-3G 50x50	F-profiles 50 (2)	70	50	20	39	400
4226644	F-G 60x60/F-GG 60x60/F-2G 60x60/F-3G 60x60	F-profiles 60-L (2)	100	75	25	39	600
4036644	F-GG 40x80	Profiles 40x80 (2)	70	50	20	39	400
4046644	F-G 80x80/F-GG 80x80/F-2G 80x80	Profiles 80 (2)	100	75	25	39	600
4046648	F-G 80x80/F-GG 80x80/F-2G 80x80	Profiles 80 (2)	133	100	32	53	900
4056644	8x40	Profiles 8x40 (2)	100	75	25	39	600

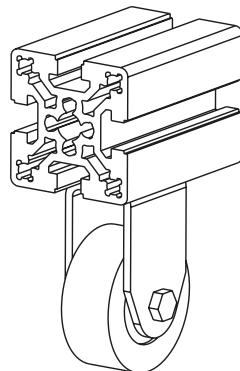
Fixed castor

- The fixed castor is the ideal complement to the steering roller. Combining 2 fixed castors with steering rollers makes it easier to manoeuvre the superstructure. Fixed castors should be mounted on the front end. The rollers are not electrically conductive.

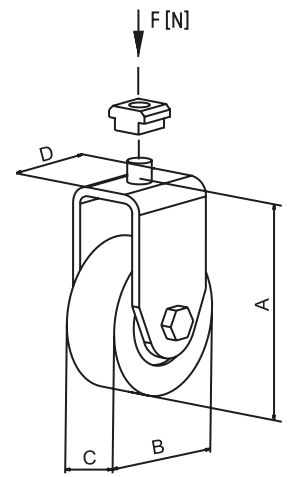
Material: Galvanised steel

Includes: Depending on the version, with connecting plate or slot stone.

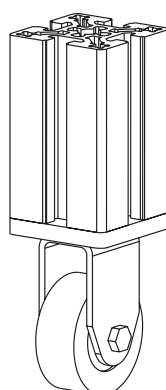
With slot stone



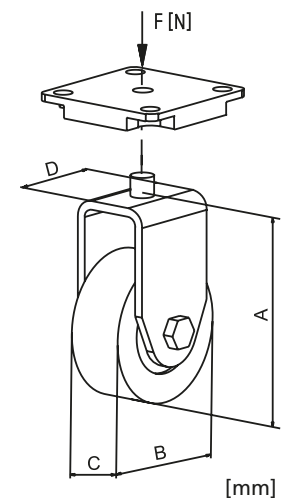
1



With connecting plate



2



[mm]

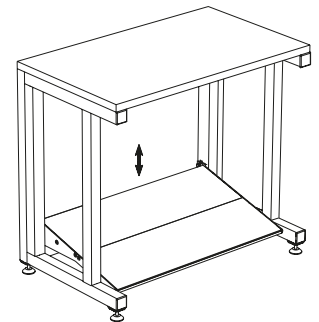
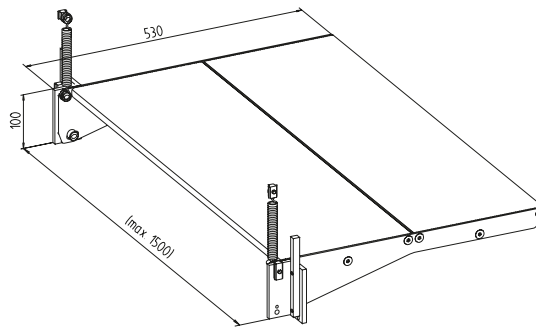
Code No.	Type	Suitable for:	A	B	C	D	Resist. F [N]
4006647	With slot stone	30 slot geometry (1)	70	50	20	34	400
4016647	With slot stone	40 slot geometry (1)	70	50	20	34	400
4086645	F-G 50x50/F-GG 50x50/F-2G 50x50/F-3G 50x50	F-profiles 50 (2)	70	50	20	34	400
4226645	F-G 60x60/F-GG 60x60/F-2G 60x60/F-3G 60x60	F-profiles 60-L (2)	100	75	25	34	600
4036645	F-GG 40x80	Profiles 40x80 (2)	70	50	20	34	400
4046645	F-G 80x80/F-GG 80x80/F-2G 80x80	Profiles 80 (2)	100	75	25	34	600
4046649	F-G 80x80/F-GG 80x80/F-2G 80x80	Profiles 80 (2)	133	100	32	53	900
4056645	8x40	Profiles 8x40 (2)	100	75	25	34	600

Feet, castors and accessories

Foot rest FSH

- Individual, infinitely variable adjustment to different persons
- Height adjustment without time-consuming assembling by means of spring adjustment

Material: Clear anodised extruded aluminium profile tread, polyamide plastic sliding pieces, galvanised steel parts



Application example

Code No.	Suitable for profile
4010642	All as of 40 slot geometry (except F-50 and special profiles)

Width [mm]



RK Easywork
assembly workstation systems
See also 450



Versions



Door lock -KL-



Butt hinge -aluminium-



Butt hinge -plastic-



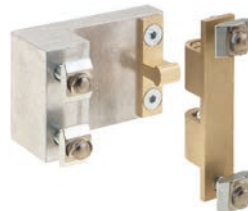
Lift off hinge -aluminium-



Lift off hinge -plastic-



Lever cylinder lock



Ball catch



Magnetic lock



Slam Latch



Door stopper



Handle



Handle profile



Handle/Handrail



Safety switch
AZ 15zvr



Safety switch
AZM

Table of contents

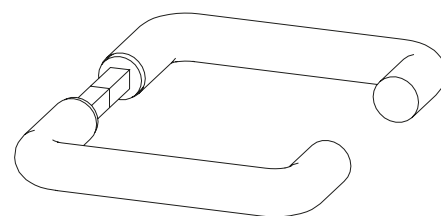
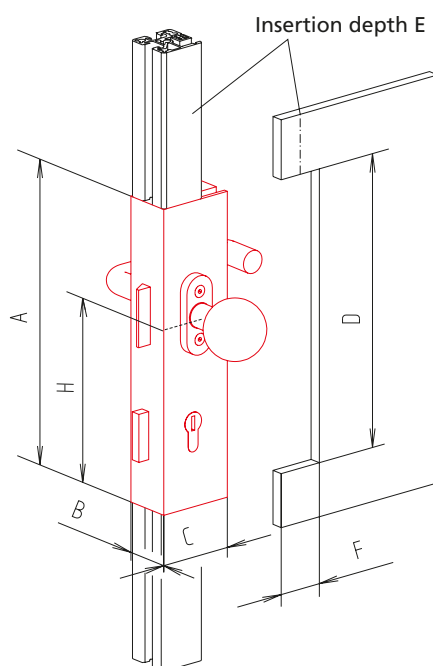
	Fittings	■ Door lock -KL-..... p. 304
		■ Butt hinge -aluminium- p. 306
		■ Butt hinge -plastic-..... p. 307
		■ Lift off hinge -aluminium- p. 308
		■ Lift off hinge -plastic- p. 309
		■ Lever cylinder lock p. 310
		■ Ball catch p. 310
		■ Magnetic lock..... p. 311
		■ Slam Latch p. 312
		■ Door stopper p. 314
		■ Handle p. 314
		■ Handle profile p. 315
	Electrical accessories	■ Handle/Handrail p. 315
		■ Safety switch AZ 15zvr..... p. 316
		■ Safety switch AZM p. 318

Door lock -KL-

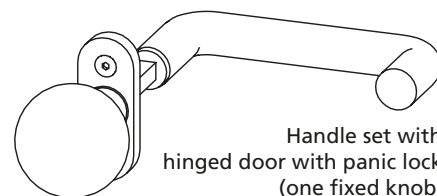
- Installation between two clamping profiles without additional profile machining
- Version available with door handle or panic lock

Material:
Gravity die-cast aluminium,
galvanised steel

Includes:
complete door lock with
cylinder lock, handle set
and fastenings



Handle set
with hinged door
and sliding door



Handle set with
hinged door with panic lock
(one fixed knob,
one door handle)

[mm]								
Code No.	Version	A	B	C	D	E	F	H
4210630	For hinged door KL 40, right	255	40	65	242	15	32	161.5
4210631	For hinged door KL 40, left	255	40	65	242	15	32	161.5
4210632	For hinged door KL 40 with panic lock, right	255	40	65	242	15	32	161.5
4210633	For hinged door KL 40 with panic lock, left	255	40	65	242	15	32	161.5
4210636	For sliding door KL 40, right	255	40	65	242	15	32	132
4210637	For sliding door KL 40, left	255	40	65	242	15	32	132



Hinged door version



Sliding door version

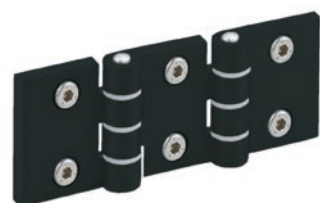
Butt hinge



Version 1



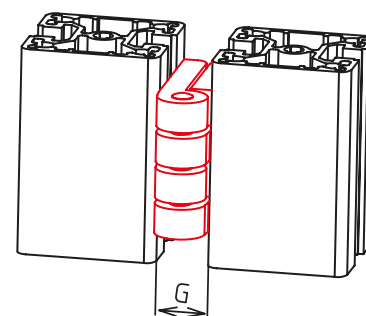
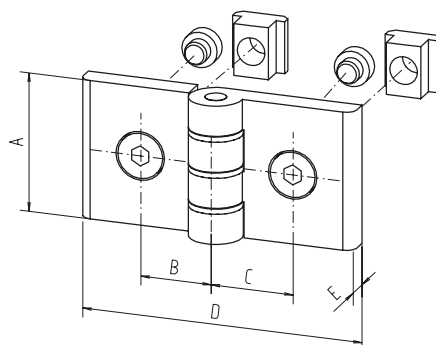
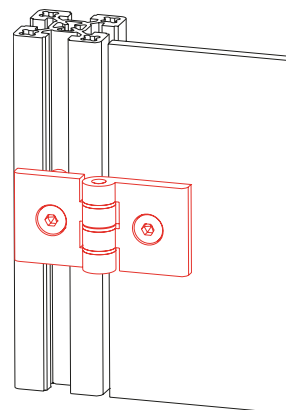
Version 2



Version 3

- Can be installed on all struts and panels. The exact position of the hinge is determined by fixing pins, which can be replaced depending on the purpose.

Material:
Black anodised aluminium.
Galvanised steel.
Complete with fixing set (for profile assembly).



Code No.	Type	Version	A	B	C	D	E	G	[mm]
Butt hinge 2-part									
4005525	30	1	50	17	17	56	7	13	
4005526	30 to 40	1	50	17	17	56	7	13	
4015525	40x40	2	40	22	22	79	7	15	
4045526	40x40 to 60x60	2	40	22	32	79	7	15	
4085525	F-50x50	2	40	27	27	79	7	15	
4025525	60x60 (except F-60x60)	2	40	32	32	79	7	15	
Butt hinge 3-part									
4015517	40	3	45	22	22	123	7	–	

Hinge assembly variants:





Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Butt hinge

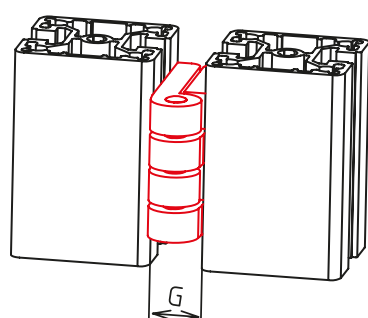
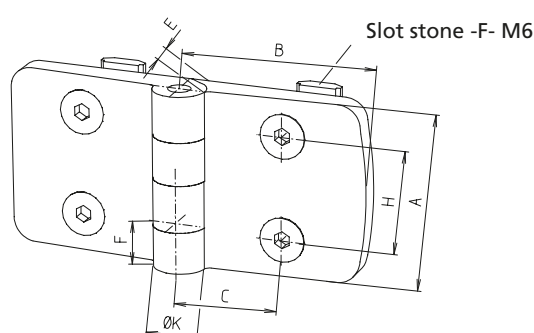
- For installing on all struts and panels
- The exact position of the hinge is determined by fixing pins – these can be bent with a pliers if required

Material:

Black plastic, galvanised steel

Fixing set:

The fixing set is not included in the Order No. and must be ordered separately.



Type	A	B	C	E	F	G	H	K
30	48	29.5	17.5	9	12	18	28	14
40	48	38.5	22.5	9	12	18	28	14
50	48	48.5	27.5	9	12	18	28	14
60	48	57.5	32.5	9	12	18	28	14

Post	Code No. Butt hinge			
	Door profile 30	Door profile 40	Door profile 50	Door profile 60
Profile 30	4008510	–	–	–
Profile 40	4008511	4008514	–	–
Profile 50	4008512	4008515	4008517	–
Profile 60	4008513	4008516	4008518	4008519

Fixing set

Code No. for one hinge half	lot sizes	Slot geometry
4006520	10, 20, 30... pcs	30 (slot stone -F-)
4016520	10, 20, 30... pcs	40 (slot stone -F-)

Lift off hinge



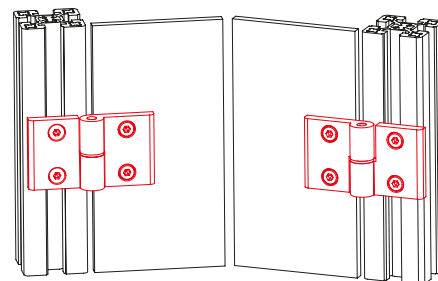
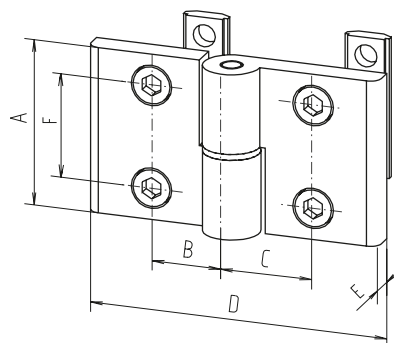
Version 1



Version 2

- Space-saving installation between two profiles
- Flaps or doors can be dismantled simply by lifting them off

Material:
Black anodised aluminium,
galvanised steel.
Complete with fixing set
(for profile assembly)



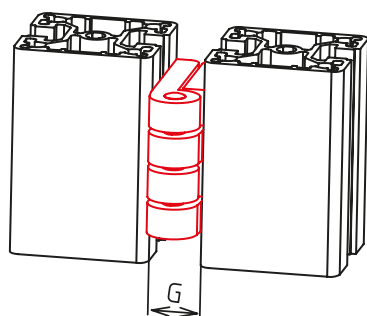
[mm]

Code No.	To slot geometry	Version	A	B	C	D	E	F	G
Lift off hinge 2-part									
4015520	40	1, left	45	22	22	79	7	28	15
4015521	40	1, right	45	22	22	79	7	28	15
4045521	40	1, left	45	22	32	79	7	28	15
4045522	40	1, right	45	22	32	79	7	28	15
Lift off hinge 3-part									
4015515	40	2	45	22	22	123	7	28	–

Lift off hinge (narrow version)

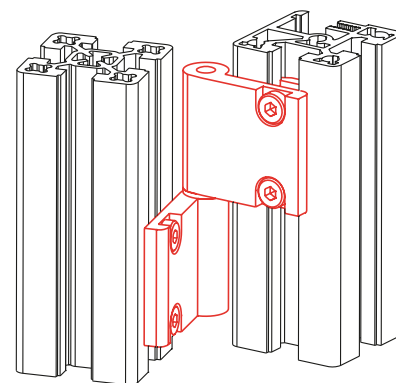
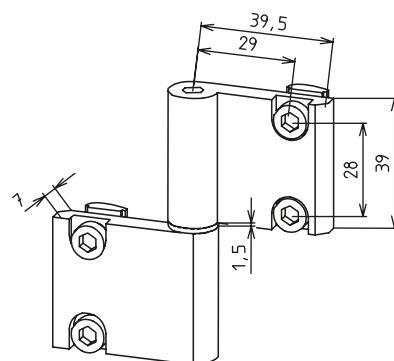


Right version



- Can be installed on all struts and panels.
Flaps or doors can be dismantled simply by lifting them off.

Material:
Black anodised aluminium,
galvanised steel.
Complete with fixing set
(for profile assembly)



[mm]

Code No.	To slot geometry	Version	G
4015527	30	Left	7.5
4015526	30	Right	7.5
4015523	40	Left	7.5
4015522	40	Right	7.5



Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

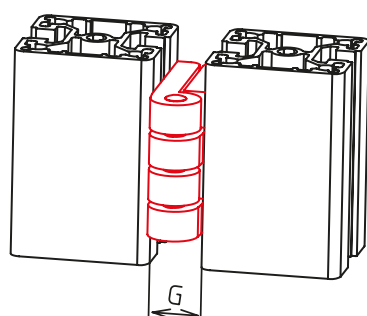
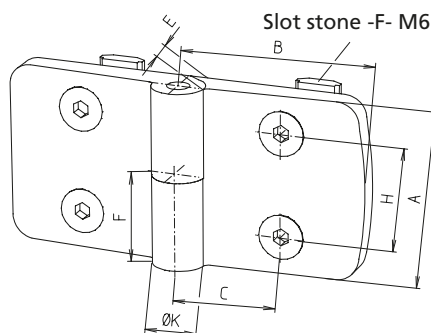
Lift off hinge

- Can be installed on all struts and panels.
- Flaps or doors can be dismount- ed simply by lifting them off.
- The exact position of the hinge is determined by fixing pins, which can be bent with a pliers if required.
- The sizes can be combined with each other.

Material: Black plastic, galvanised steel parts.

Fixing set:

The fixing set is not included in the Order No. and must be or- dered separately.



[mm]

Type	A	B	C	E	F	G	H	K
30	48	29.5	17.5	9	24	18	28	14
40	48	38.5	22.5	9	24	18	28	14
50	48	48.5	27.5	9	24	18	28	14
60	48	57.5	32.5	9	24	18	28	14

Version	Post	Code No. Butt hinge			
		Door profile 30	Door profile 40	Door profile 50	Door profile 60
Right	Profile 30	4008530	—	—	—
	Profile 40	4008532	4008540	—	—
	Profile 50	4008534	4008542	4008550	—
	Profile 60	4008536	4008544	4008552	4008560
Links	Profile 30	4008531	—	—	—
	Profile 40	4008533	4008541	—	—
	Profile 50	4008535	4008543	4008551	—
	Profile 60	4008537	4008545	4008553	4008561

Fixing set

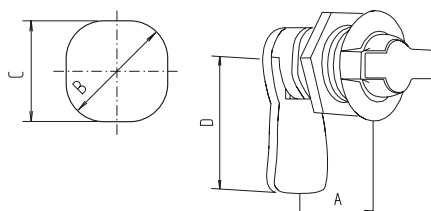
Code No. for one hinge half	lot sizes	Slot geometry
4006520	10, 20, 30... pcs	30 (slot stone -F-)
4016520	10, 20, 30... pcs	40 (slot stone -F-)

Fittings

Lever cylinder lock

- Complete with 2 keys.
For locking lightweight doors
and flaps

Material: Plastic,
galvanised steel.

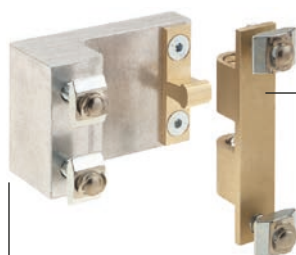


[mm]

Code No.	Type	A	B	C	D
4016600	15	15	22.5	21	45
4026600	25	25	22.5	21	45

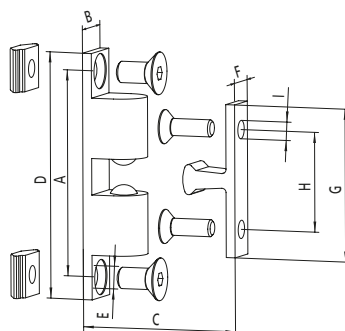
Ball catch

Material:
Aluminium, brass
Fixing set:
Galvanised steel



Door stop

Material:
Brass



[mm]

Code No.	Type	A	B	C _{min}	D	E	F	G	H	I
4010606	Without door stop	48.5	11.8	15.8	58	5.3	8.6	36	23.5	4.3
4000608	With door stop for fixing profile 30 to 30									
4010607	With door stop for fixing profile 30 to 40									
4010608	With door stop for fixing profile 40 to 40									
4000609	With door stop for fixing profile 50 to 30									
4010609	With door stop for fixing profile 50 to 40									



Magnetic lock

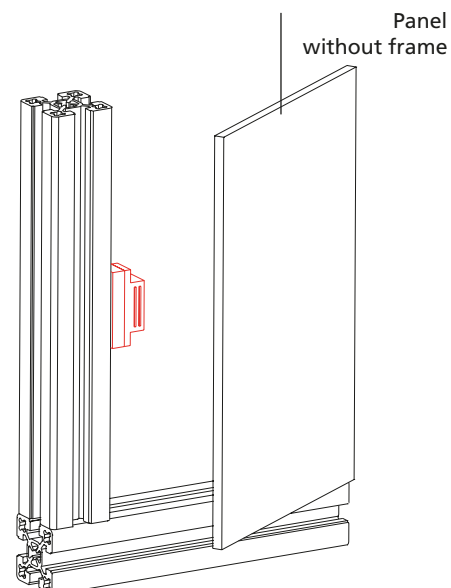
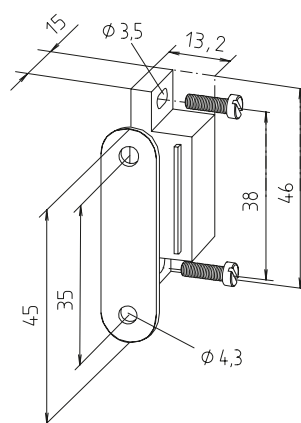
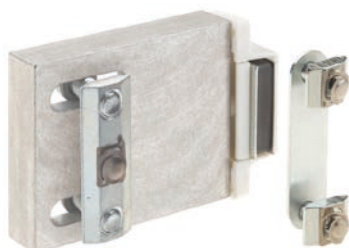
- Suitable from profile size 40
- Complete with fixing set

Material:
Aluminium, plastic,
galvanised steel

Magnetic lock with striker –
Installed in panel
without frame



Magnetic lock with striker –
Installed in panel
with frame



Code No.	Profile assembly	Installation	Sim. to fig.
4010605	All, except 30	Without frame	1
4010604	All, except 30	Profiles centr.	2
4000610	30 to 30	Profiles centr.	2
4010611	40 to 30	Profiles centr.	2
4010612	40 to 30	Profiles flush	3
4080603	50 to 30	Profiles flush	3
4080606	50 to 40	Profiles centr.	2
4080604	50 to 40	Profiles flush	3

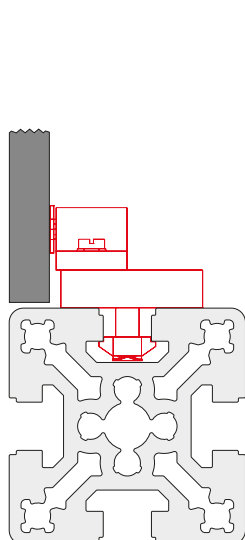


Fig. 1

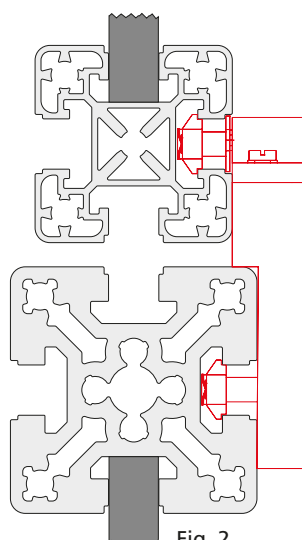


Fig. 2

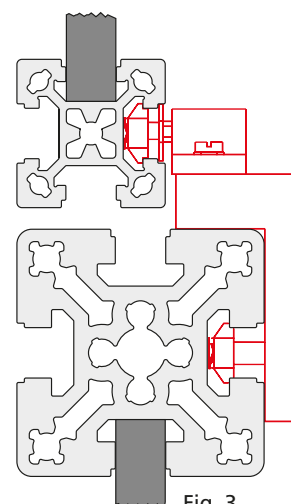


Fig. 3

Fittings

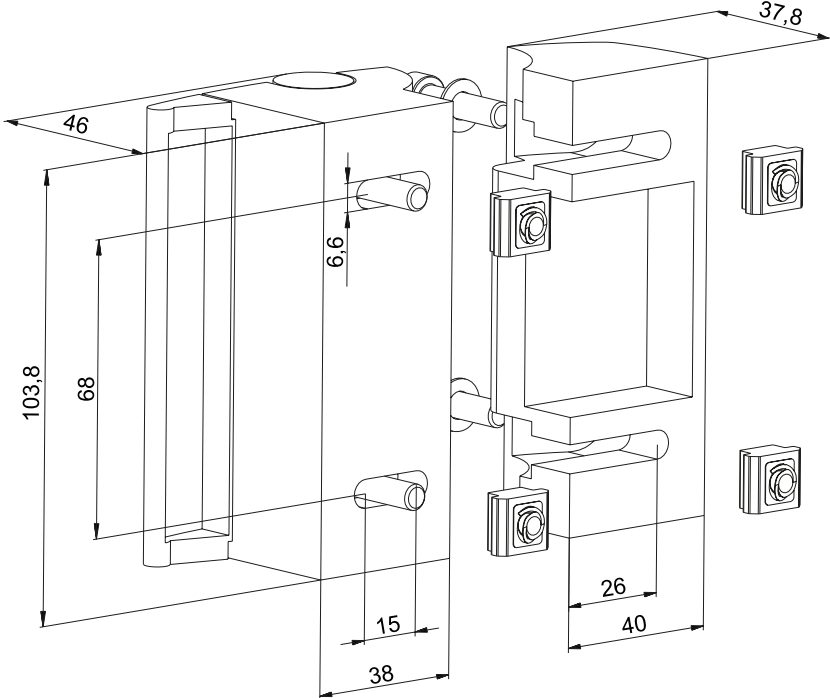
Slam Latch PRO



NEW

Material: die-cast aluminium
black powder-coated

Includes:
complete with fixing set.



Code No.	Slot geometry
401A530	40

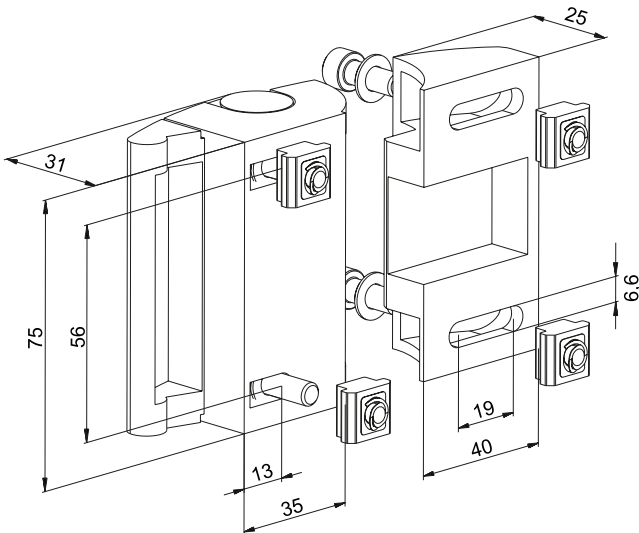
Slam Latch Compact



NEW

Material: die-cast aluminium
black powder-coated

Includes:
complete with fixing set.

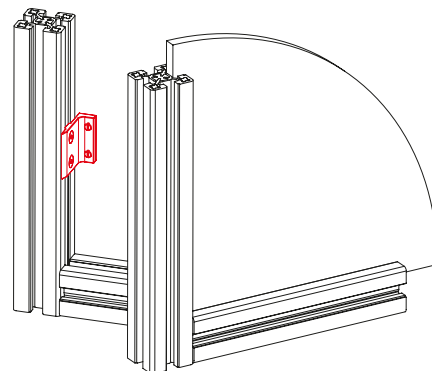
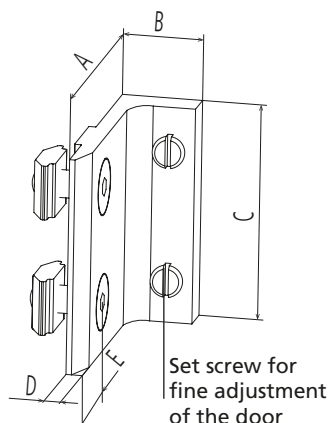
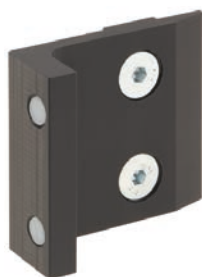


Code No.	Slot geometry
401A531	40

Fittings

Door stopper

Material: Black plastic,
galvanised steel
Complete with fixing set:



Code No.	Slot geometry	A	B	C	D	E
4008650	30	34	14.7	40	3	11
4018650	40	44	14.7	40	3	16

[mm]

Handle

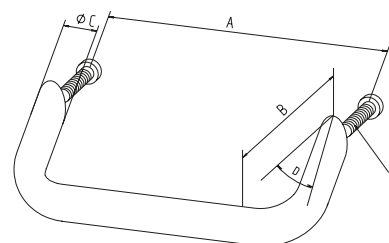
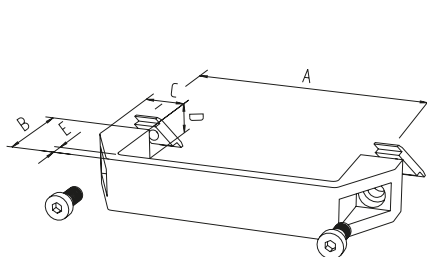
Material size 150 and 197:
PP plastic
Material size 152:
Black anodised aluminium
Complete with fixing set:
Aluminium
Other handles available on request.



Size 150 and 197



Size 152



Code No.	Size	Slot geometry	A	B	C	D	E
4005596	152	Drill	128	50	20	35°	M6x30
4015598	152	Drill	128	50	20	35°	M6x40
4008596	150	30	132	44	22	27	7
4015596	150	40	132	44	22	27	7
4015597	197	40	179	50	22	28	8

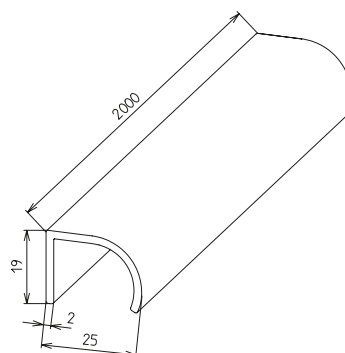
[mm]

Handle profile



- The elegant handle profile is supplied as bar material and can be cut to length as required. The customer must drill the fixing holes.

Material: Aluminium

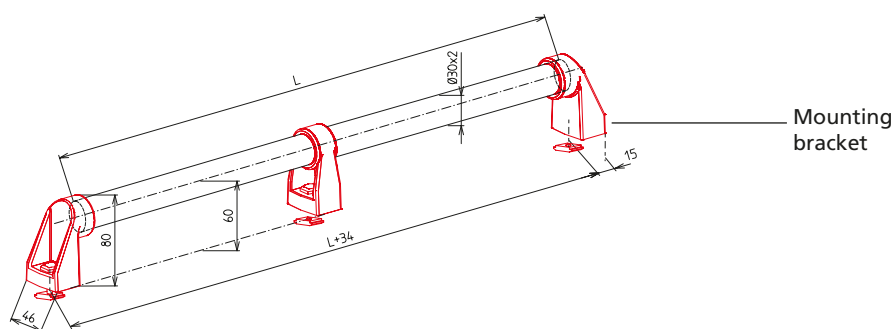


Code No.	Type
4015595	Handle profile, 2000 mm bar

Handle/Handrail

- Retrospective fixation with slot stone R
- Anodised aluminium tube grip surface
- Cut to size or bar

Material: Black plastic mounting brackets, galvanised fastenings. Aluminium tube



Central mounting bracket recommended as of L>1000 mm

Code No.	Slot geometry	Type
4018501	40	2x mounting brackets, L<1000 mm
4018502	40	2x mounting brackets, 1x central mounting bracket, L>1000 mm

Code No.	Type
823020 2 0500	Aluminium tube, Ø30x2 L=500 mm
823020 2 1000	Aluminium tube, Ø30x2 L=1000 mm
823020 2 2000	Aluminium tube, Ø30x2 L=2000 mm
823020 2	Cut to length aluminium tube Ø30x2, Lmax= 6000 mm

Length [mm]

Safety switch AZ 15zvr

- For safely switching off circuits
- Suitable for hinged, flap, sliding and lifting doors

Technical data: Self-extinguishing, fibreglass reinforced thermoplastic

Actuator key:

Stainless spring steel

Degree of protection:

IP67 to IEC 529/EN

60529/DIN VDE 0470-1

Contact material: Fine silver

Contact type: One-pin, double-breaking, positively driven NC to VDE 001

Pivot radius: $R_{\min}$ 450 mm

Rated isolation voltage:

VI 500 V approx. 25-60 Hz.

Constant current: 10 A

Rated operating current I_u AC 11h

4 A (230V), 2.5 A (380 V),

1A (500 W)

Short circuit resistance:

10 A (slow) 16 A (fast).

Contact gap

2 x 3 mm.

Positive opening travel/force:

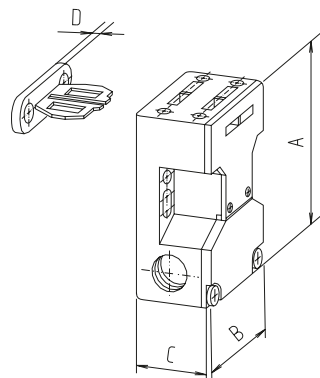
8 mm / approx. 30 N

Mech. lifetime:

10×10^6 switching cycles

Operating temperature:

-30 to +80°C.





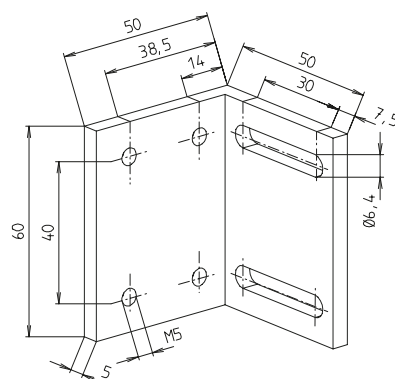
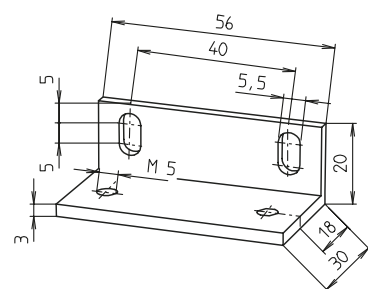
Code No.	Type	A	B	C	D
4010610	AZ 15 zvr for sliding door / lifting door	72	52	30	5
4010613	AZ 15 zvr for sliding door	72	52	30	5
4010614	AZ 15 zvr for flap door	72	52	30	5
4015610	Fixing set for sliding door, hinged door	Fig. 1, 2, 3		40 slot geometry	
4015602	Fixing set for lifting door	Fig. 4			

[mm]

Further fixing sets available on request

Fixing set for sliding and hinged door. Vibration finished aluminium.

See fig. 1-3 on the next page.



Fixing set for lifting door

See fig. 4 on the next page.

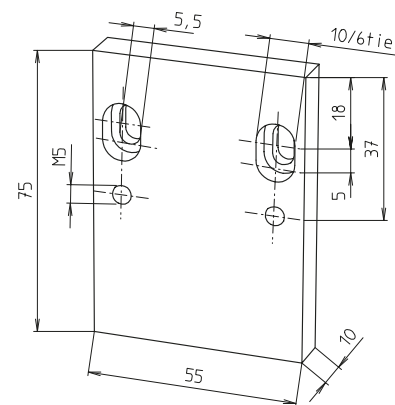


Fig. 1: Hinged door
Fixing AZ 15 zvr to the
top strut (40-40)

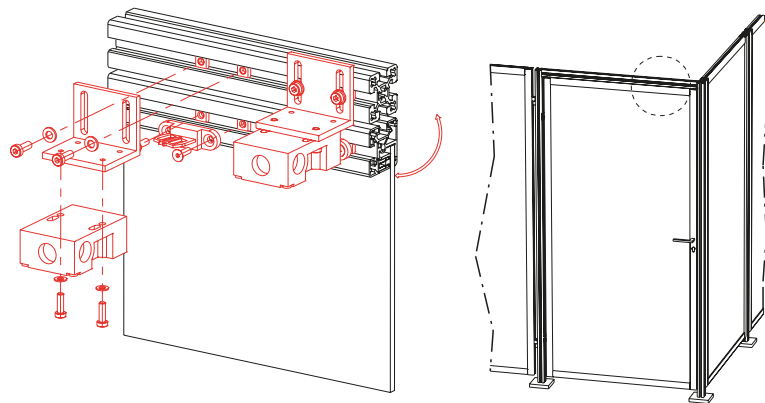


Fig. 2: Hinged door
Fixing AZ 15 zvr to the
side strut (40-50)

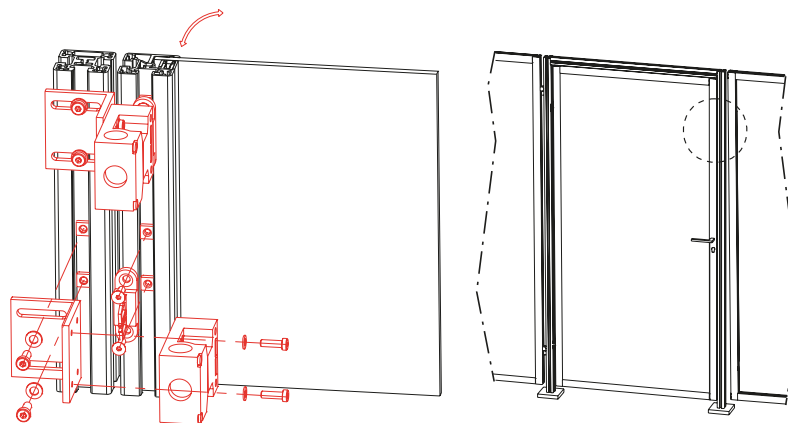


Fig. 3: Sliding door
Fixing AZ 15 zvr to the
side strut (50-40)

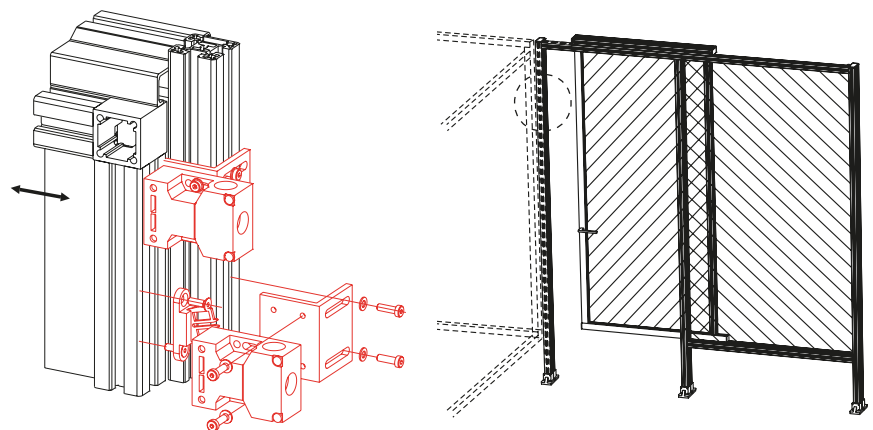
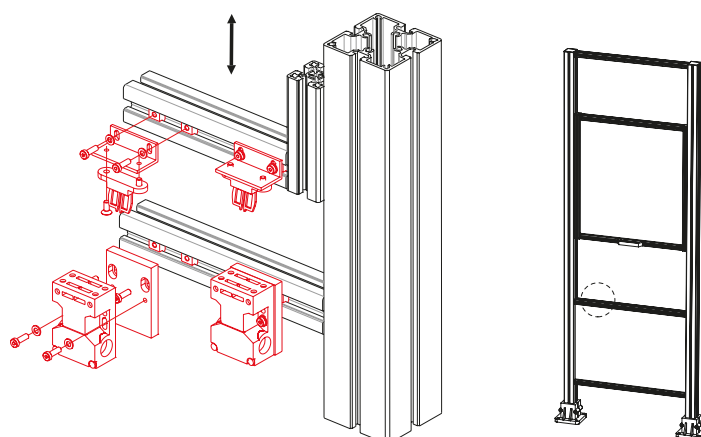


Fig. 4: Lifting door
Fixing AZ 15 zvr to the
cross strut (40-40)



Safety switch AZM 161

- For safely switching off circuits. Suitable for hinged, sliding and lifting doors.

Technical data:

Self-extinguishing
fibreglass-reinforced thermoplastic.

Degree of protection: IP67 to IEC 529/EN 60529/DIN VDE 0470-1

Contact type: One-pin, double-breaking, positively driven NC to VDE 001, additional contacts for signal purposes

Pivot radius: $R_{\min}$ 900 mm

Constant current: 10 A Rated operating current Iu AC 11h 2 A (230 V)

Short circuit resistance: 6 A (slow) as positively driven NC position switch

Contact type: One-pin, double-breaking, positively driven NC to VDE 001, additional contacts for signal purposes

Pivot radius: $R_{\min}$ 900 mm

Constant current: 10 A Rated operating current Iu AC 11h 2 A (230 V)

Short circuit resistance: 6 A (slow) as positively driven NC position switch

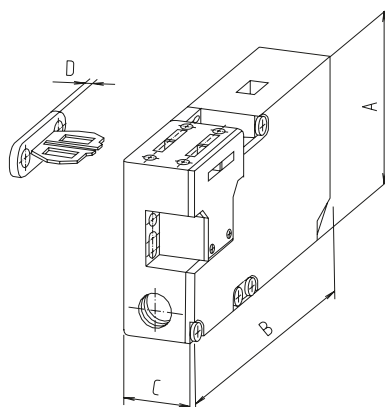
Positive opening travel/force: 8.8 mm / 10 N

Locking force $F_{\max}$: 2000 N

Mech. lifetime:

>10x10⁶ switching cycles

Operating temperature: -25 to +60°C.



Code No.	Type	A	B	C	D
4010615	Switch AZM 161, for sliding door/lifting door/hinged door	90	130	30	5

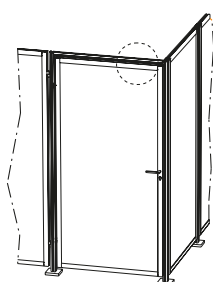
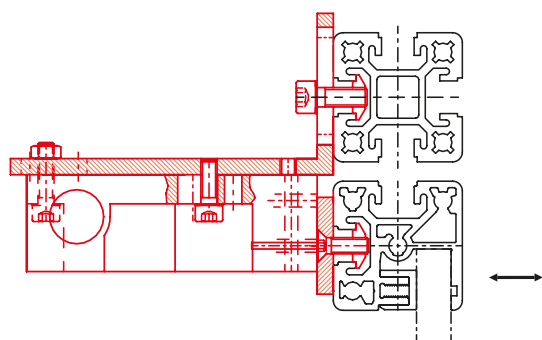


Fig. 1: Hinged door
Fixing AZM 161 to the top
strut (40-40)

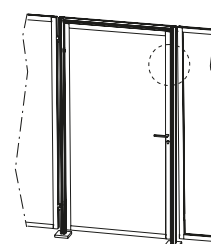
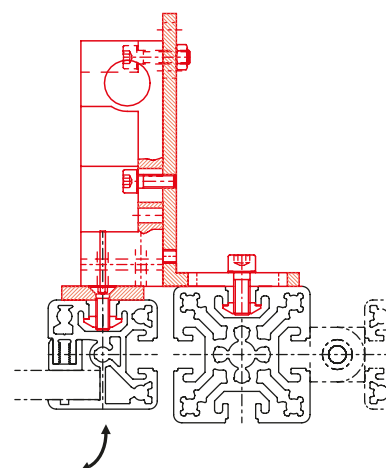
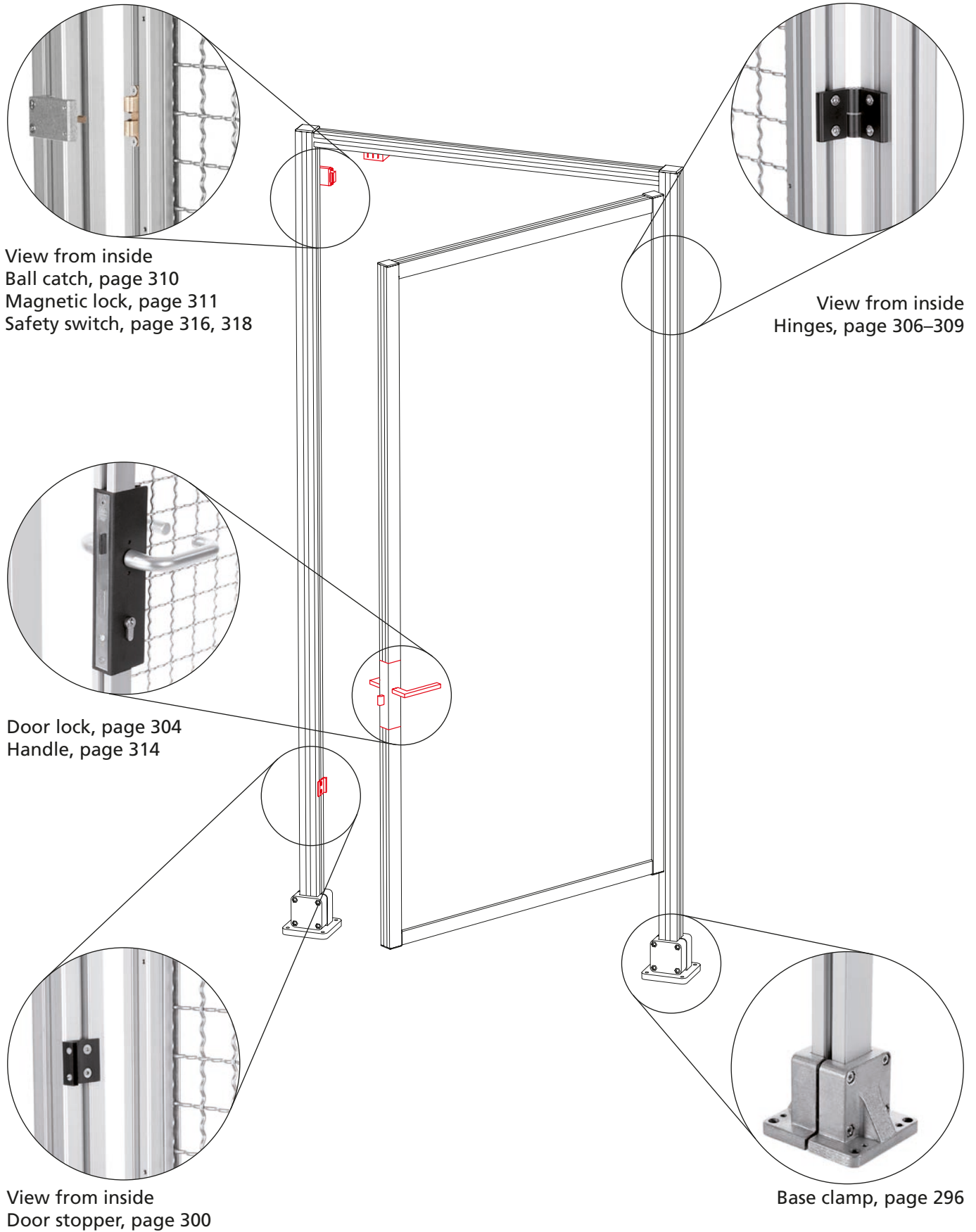


Fig. 2: Hinged door
Fixing AZM 161 to the side
strut (40-50)

Fittings



Conveying elements and pneumatics

Versions

Conveying elements



Conveyor rollers



Roller carriage



Conveyor drums



Sliding piece

Pneumatics



Pneumatic connection



Pneumatic connecting plate

Table of contents

Conveying elements

- Conveyor rollers p. 322
- Conveyor drums p. 322
- Sliding piece p. 323
- Roller carriage p. 324

Pneumatics

- Pneumatic connection p. 325
- Pneumatic connecting plate..... p. 325

Conveying elements

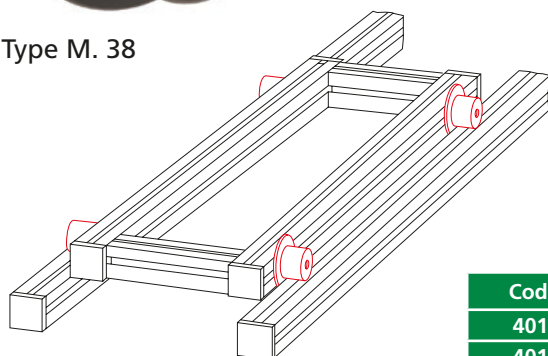
Conveyor rollers



Type O. 38



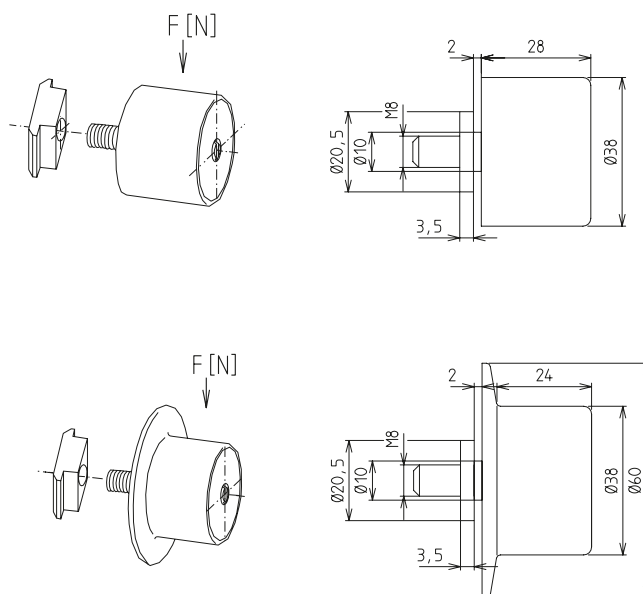
Type M. 38



- Version with or without flange
- Fixing in the profile slots
- For assembling transport vehicles or conveyor belts.

Material:
Plastic with ball bearing.

Scope of delivery: Complete with fixing set.



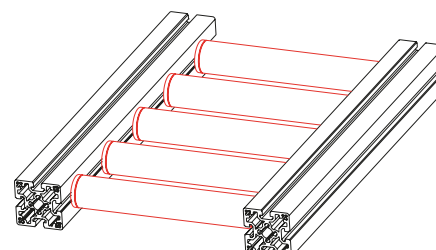
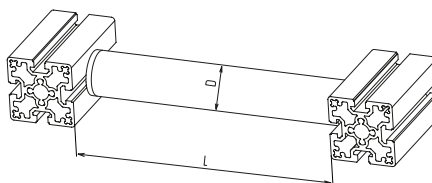
Code No.	Type	Slot geometry	F [N]
4010640	O. 38	40	100
4010641	M. 38	40	100

Conveyor drums

- Standard length 500 mm. Other lengths available on request.

Material: Plastic with plastic ball bearings.

Scope of delivery:
Complete with fixing set.



[mm]

Code No.	Type	D	L	Slot geometry	F [N] in relation to 500 mm
4018641	40	40	500	40	100
4018640	50	50	500	40	150

Sliding piece

- For easy, low-wear moving of parts in a profile frame (sliding doors, lifting doors).
- A "centred" and an "off-centred" version are available. The sliding piece is available ready to install including set screws and as bars.

Material: Black plastic

Scope of delivery:
See table/version



Fig. 1

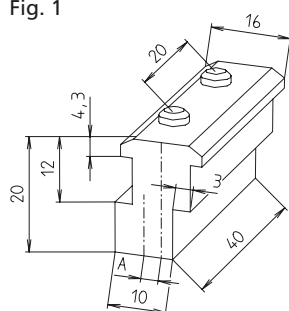
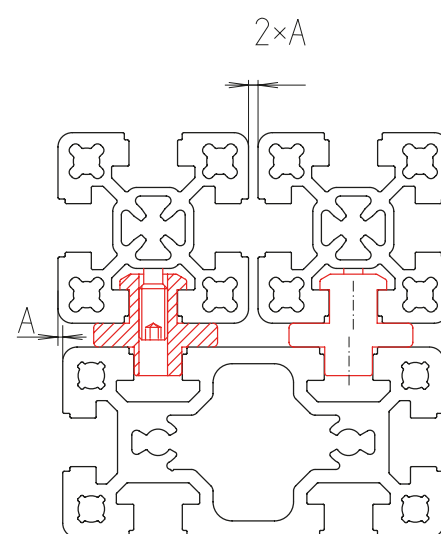
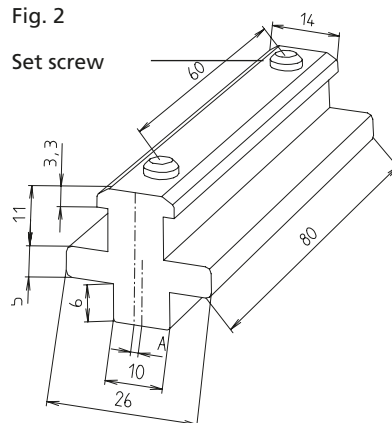


Fig. 2

Set screw



[mm]				
Code No.	Type	Version	Fig.	A
4018644	Centred sliding piece	Complete, 40 slot geometry	2	0
4018645	Centred sliding piece	2000 mm bar	2	0
4018646	Off-centred 1 mm sliding piece	Complete, 40 slot geometry	1	1
4018647	Off-centred 1 mm sliding piece profile	2000 mm bar	1	1
4018648	Off-centred 3 mm sliding piece	Complete, 40 slot geometry	1	3
4019236	Set screw M6x18 DIN 913	Corrosion-resistant		

Conveying elements

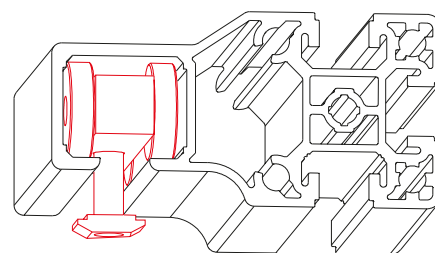
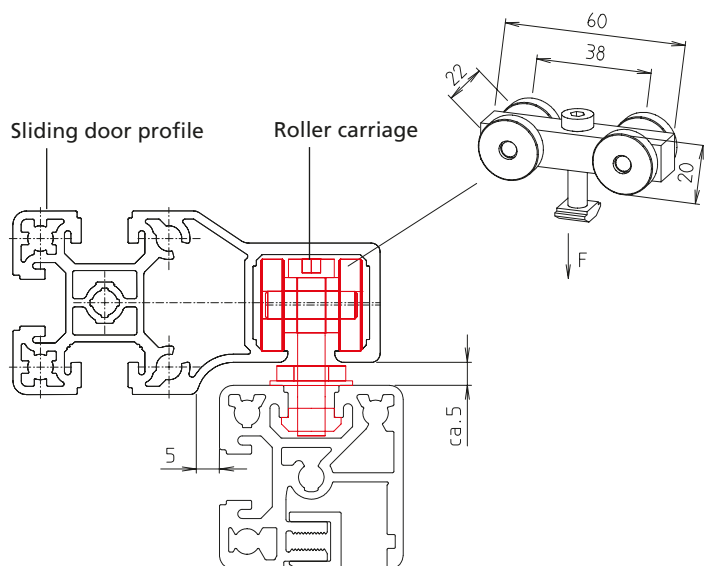
Roller carriage

- The roller carriages are fitted for sliding door profile sizes 30 and 40 (see chapter "Functional profiles" page 196 + 201) However, they can also be used as individual parts in other constructions.

Material:

Aluminium, vibration finished with slide bushing, Plastic rollers, black

The scope of delivery includes the complete roller carriage, fixing screw, slot stone -F- and a lock nut. Galvanised steel fixation



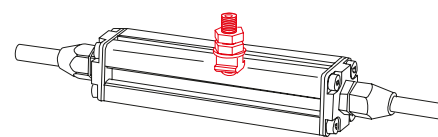
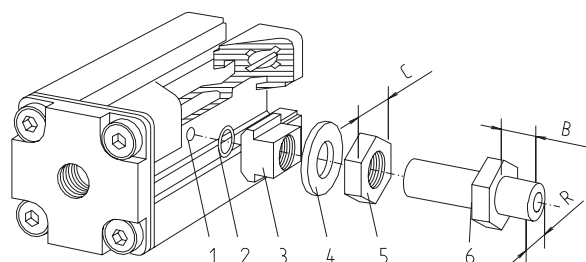
Code No.	Type	Version	F
4170601	30	Complete roller carriage	150 N
4180601	40	Complete roller carriage	150 N

Pneumatic connection



Assembly: Mark the desired position with the aid of the template (see page 466) and drill a hole with a 4 mm drill (1). Place the O ring (2) on the bore hole (6) and then push the slot stone (3) in the slot from the side, directly onto the bore hole. Then hand-tighten the screw in the slot stone (3) and lock it with the nut (5) and washer (4).

Material: Galvanised steel slot stone, brass screw connection. Connecting option in the slot of coupling sockets, plugs or screw connections.



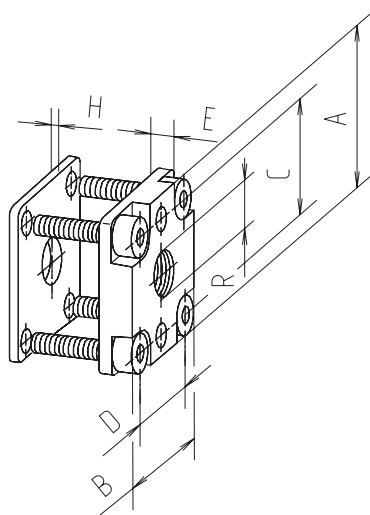
Code No.	Connection	R	B	C
4010415	R1/8"	R1/8"	12	17
4010416	With hose coupling - automatic stop			

Pneumatic connecting plate

- Connection to the front profile surfaces, for compressed air supply or consumer systems.

Material: Die-cast aluminium

Scope of delivery: Complete with seal and screws.
Fixing: Galvanised steel



Code No.	Type	Connection	A	B	C	D	E	R	H
4044411	80x80, F-80x80-L	R1/4"	80	80	68	68	8	R1/4"	2
4044412	80x80, F-80x80-L	R1/2"	80	80	68	68	8	R1/2"	2

Cable channel system

Versions



Profiles



Spring strips



Channel assembly clip



Cover plate



End cover
for cable outlet



Grommet
for cable outlet



Membrane grommet
for cable outlet



Separating strip



Assembly strip



Edge protection



Equipotential bonding



Self tapping screw

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Cable channel system

- Functionality/Assembly p. 328
- Profiles p. 329
- Spring strips p. 330
- Channel assembly clip p. 330
- Cover plate p. 330
- End cover for cable outlet p. 330
- Grommet for cable outlet p. 330
- Membrane grommet for cable outlet p. 330
- Separating strip p. 331
- Assembly strip p. 331
- Edge protection p. 331
- Equipotential bonding p. 331
- Self tapping screws p. 331

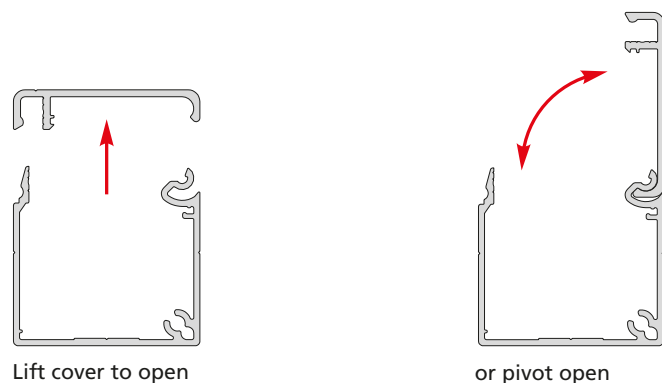
Cable channel system

Channel functionality

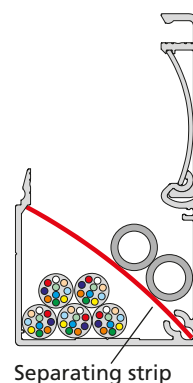
■ Aluminium cable channel in sizes 40x40, 40x80 and 80x40

■ Smooth and scratch-resistant easy to clean anodised surface

Easy to open / excellent accessibility

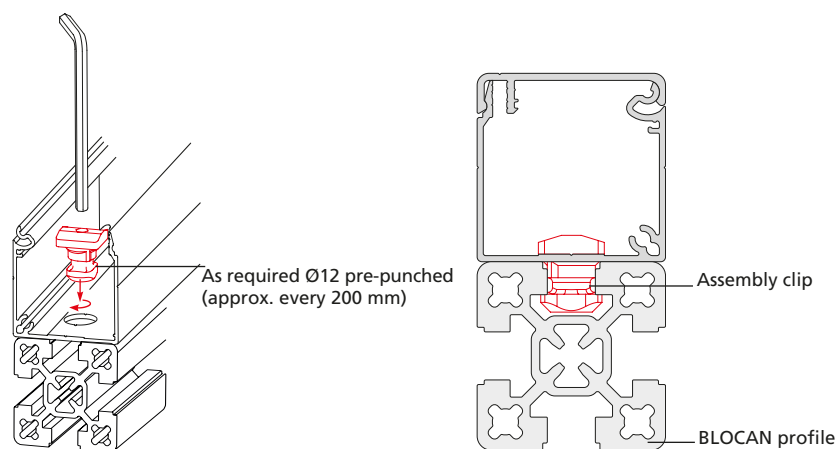


Arrangement in channel with optional separating strips

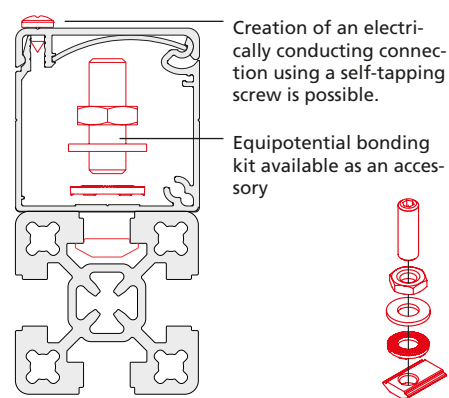


Assembling the channel

Easy assembly (without machining) with BLOCAN® profiles

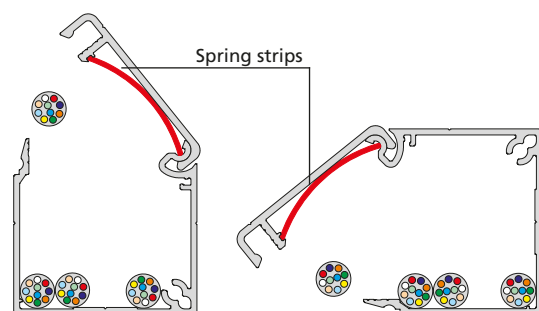


Equipotential bonding

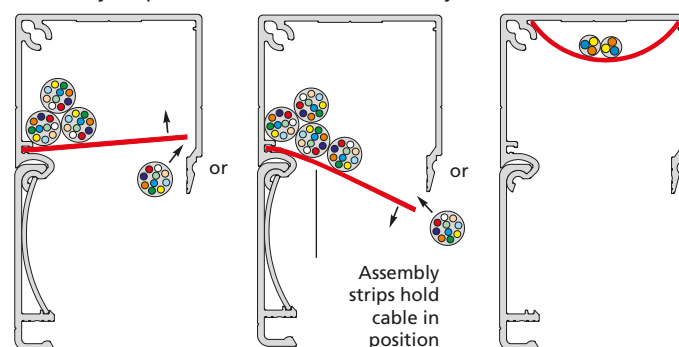


Cable arrangement

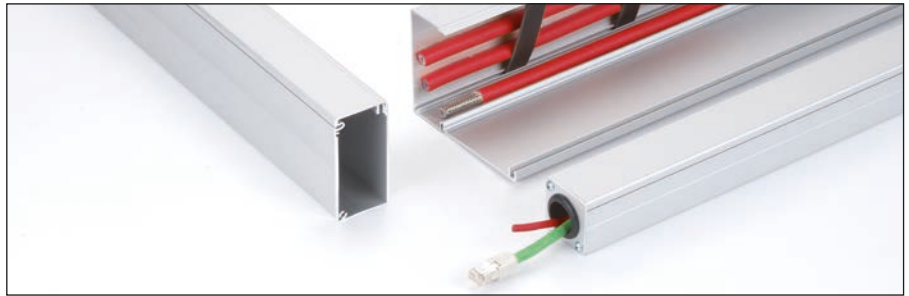
Insertable spring strips hold the cover in position



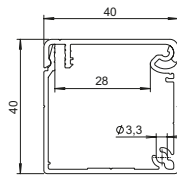
Assembly strips facilitate overhead assembly



Cable channel profiles

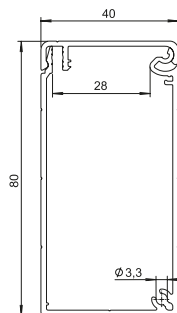


Profile KK-40x40



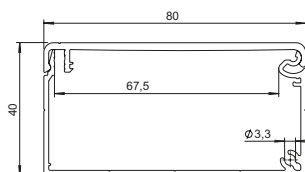
Code No.	Profile	Type	Weight
4E15A01	KK-40x40, 6 m bar	With fixing holes	0.745 kg/m
4E15A00	KK-40x40, cut to size		
4E15001	KK-40x40, 6 m bar	Without fixing holes	0.747 kg/m
4E15000	KK-40x40 cut to size		

Profile KK-40x80



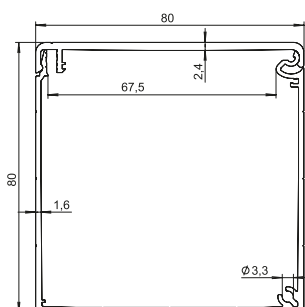
Code No.	Profile	Type	Weight
4E35A01	KK-40x80, 6 m bar	With fixing holes	1.152 kg/m
4E35A00	KK-40x80, cut to size		
4E35001	KK-40x80, 6 m bar	Without fixing holes	1.155 kg/m
4E35000	KK-40x80 cut to size		

Profile KK-80x40



Code No.	Profile	Type	Weight
4E25A01	KK-80x40, 6 m bar	With fixing holes	1.290 kg/m
4E25A00	KK-80x40, cut to size		
4E25001	KK-80x40, 6 m bar	Without fixing holes	1.292 kg/m
4E25000	KK-80x40 cut to size		

Profile KK-80x80



Code No.	Profile	Type	Weight
4F15A01	KK-80x80, 6 m bar	With fixing holes	1.690 kg/m
4F15A00	KK-80x80, cut to size		
4F15001	KK-80x80, 6 m bar	Without fixing holes	1.693 kg/m
4F15000	KK-80x80 cut to size		

Cable channel system

Order instruction:

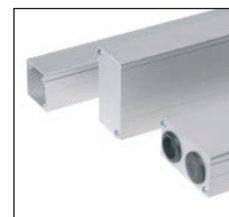
- Purchase only in lot sizes and amultiple of that see product table below



Spring strips hold the cover open in any position



Quick and easy assembly with a fixing clip



Cover plates and outlets as required

Spring strips for cover



Code No.	Type	lot sizes	Material
4E185041	KK 40x40 KK 40x80	10, 20, 30... pcs	Plastic
4E285011	KK 80x40 KK 80x80	10, 20, 30... pcs	Plastic

Cable assembly clip



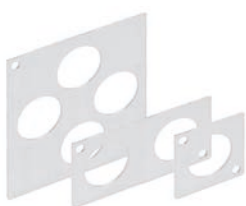
Code No.	Type	lot sizes	Material
4E185031	all	10, 20, 30... pcs	Plastic

Cover plate



Code No.	Type	lot sizes	Material
4E155011	KK 40x40	6, 12, 18... pcs	Aluminium
4E255011	KK 40x80, KK 80x40	6, 12, 18... pcs	
4F155011	KK 80x80	6, 12, 18... pcs	

End cover for cable outlet



Code No.	Type	lot sizes	Material
4E155021	KK 40x40	6, 12, 18... pcs	Aluminium
4E255021	KK 40x80, KK 80x40	6, 12, 18... pcs	
4F155021	KK 80x80	6, 12, 18... pcs	

Grommet for cable outlet



Code No.	Type	lot sizes	Material
4E185051	Outlet Ø 22mm	6, 12, 18... pcs	Z-PVC

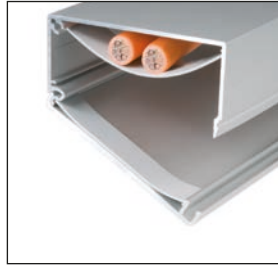
Membrane grommet for cable outlet



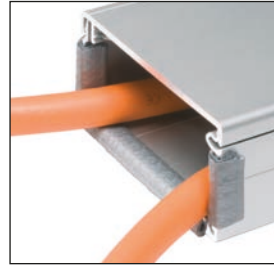
Code No.	Type	lot sizes	Material
4E185021	40x40, 40x80, 80x40, 80x80	6, 12, 18... pcs	Plastic



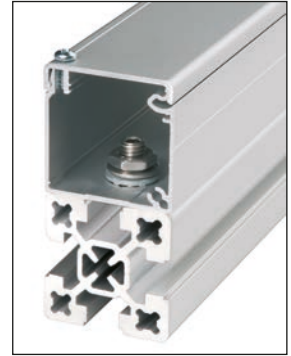
Leads can be separated with press-fit separating strips...



...or make overhead work easier.



Edge protection for inlets or outlets



Standard components make equipotential bonding easy

Separating strip



Code No.	Type	lot sizes	Material
4E185061	KK 40x40	10, 20, 30... pcs	Plastic
4E285021	KK 40x80, KK 80x40	10, 20, 30... pcs	
4F185011	KK 80x80	10, 20, 30... pcs	

Assembly strip



Code No.	Type	lot sizes	Material
4E185071	KK 40x40, KK 40x80	10, 20, 30... pcs	Plastic
4E285031	KK 80x40	10, 20, 30... pcs	

Edge protection



Code No.	Type	Material
4E18501	1 unit per 1 m	Plastic

Equipotential bonding



Code No.	Type	lot sizes	Material
4E165021	screw, slot stone, washers	–	Aluminium
4E165031	contact washer	100, 200, 300... pcs	

Self tapping screw



Code No.	Type	lot sizes	Material
4E165011	ISO 7049 St. 3.5 x 9.5, Form f	10, 20, 30... pcs	Aluminium

Versions



Flange bracket
M-BLOCAN®



Flange bracket adaptor



Corner joint R / GG



Corner joint
for clamping profiles



Profile / Angle brackets



Mitre joint -transversal-



Slot stone -B- / PLM



Screws



Profile joint



Handle



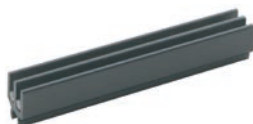
Butt hinge



Magnetic lock



Cover profile



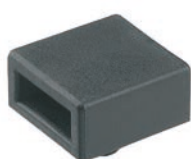
Sliding door profile



Vario-Quick
holding block R



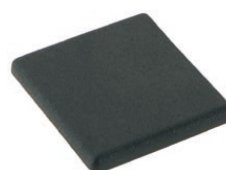
Vario-Quick
holding block S



Vario-Quick
holding block K



Surface elements



Caps



Foot

Table of contents

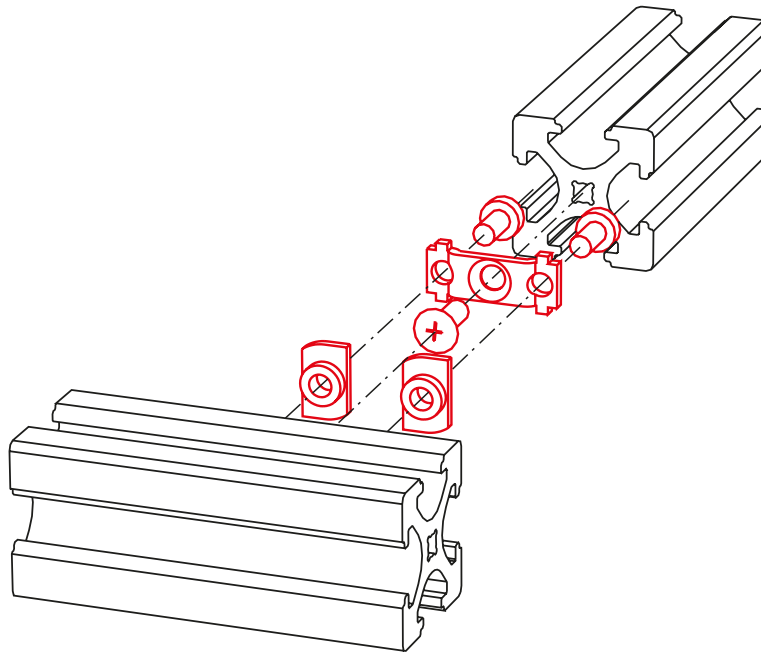
Accessories

M-BLOCAN®

- Flange bracket M-BLOCAN® p.335
- Flange bracket adaptor p.335
- Corner joint R / GG p.336
- Corner joint for clamping profiles p.338
- Profile / Angle brackets p.340
- Mitre joint -transverse- S.342
- Slot stone -B- / PLM p.343
- Screws p.343
- Profile joint..... p.344
- Handle p.344
- Butt hinge..... p.345
- Magnetic lock p.345
- Cover profile..... p.346
- Sliding door profile..... p.347
- Vario-Quick holding block R..... p.348
- Vario-Quick holding block S p.349
- Vario-Quick holding block K p.349
- Surface elements..... p.350
- Caps..... p.351
- Foot..... p.351

Flange bracket connection M-BLOCAN®

Flange bracket connection M-BLOCAN®



The illustration shows approximately the actual size.

- Connecting BLOCAN® profiles without machining such as drilling, tapping etc. is based on many years of experience. Constant striving for shorter assembly times and therefore lower costs led to the latest innovation in the profile sector: **The bayonet nut connector**
- The redesigned slot stones are already pre-assembled to the flange bracket, but loose. They turn automatically in the correct position when screwed in.
- Screw the flange bracket to the profile end, align the slot stones, attach the other profile and tighten.

Ready!



Order instruction flange bracket:

M-BLOCAN®

- Purchase only in lot sizes and amultiple of that see product table below

- Flange bracket with bayonet catch for a right angle connection of two profiles.

Material: Galvanised steel

Scope of delivery:

Comprises all the parts necessary for the complete assembly of two profiles.

Flange bracket M-BLOCAN®



F-/ F-G 20



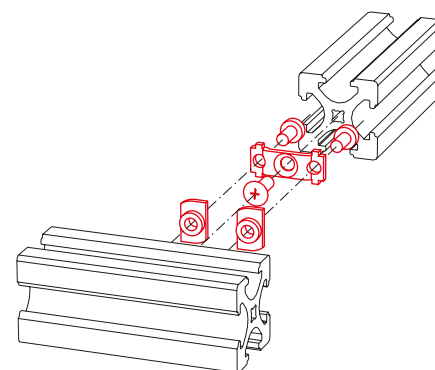
F-20x40



F-R 20



F-G / F-GG 20



Code No.	Type	lot sizes
E01007AAE	F-20 / F-G 20	10, 20, 30... pcs
E03007AAE	F-20x40	10, 20, 30... pcs
E02007AAE	F-R 20	10, 20, 30... pcs
E07007AAE	F-G 20 / F-GG 20 short	10, 20, 30... pcs

Flange bracket adaptor

- Adaptor strip with slot stones for the connection of M-BLOCAN® profiles with the tried-and-tested BLOCAN® profiles.

Material:

Galvanised steel

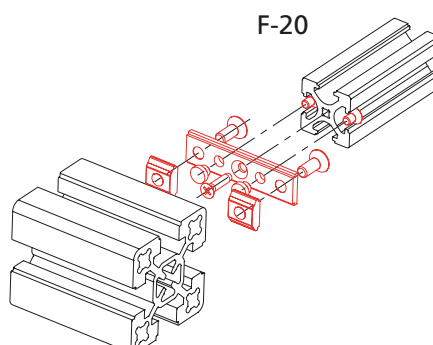
Scope of delivery:

Comprises all the parts necessary for the complete assembly of two profiles.

Plastic fixation



F-20



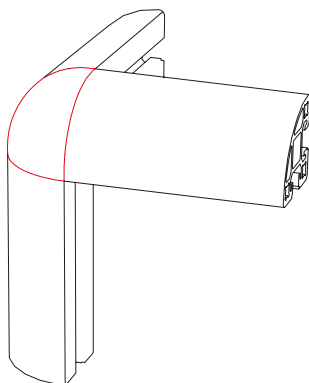
Code No.	Type	Slot geometry
E01009AAE	F-20x20	30
E01012AAE	F-20x20	40
E03009AAE	F-20x40	30
E03012AAE	F-20x40	40
E07009AAE	F-G/GG 20	30
E07012AAE	F-G/GG, F-R 20	40

Corner joint R / GG with corner cap

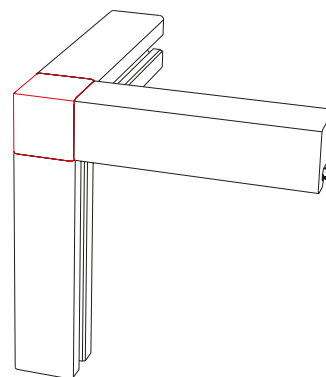
- Connecting element for the rectangular assembly of edge profiles R / GG 20.
- The profiles are connected to each other by means of the corner joint and screws.
- Centring pins facilitate the assembly and adjustment of the profiles. They can be snapped off with a pair of tongs if not required. In order to give this joint an attractive finish, it is covered with a plastic cap.

Material:

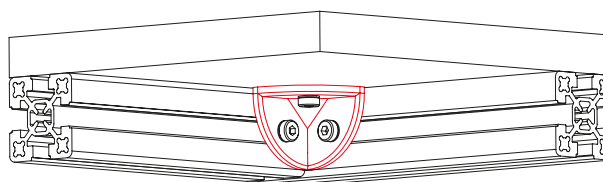
Die-cast zinc corner joint,
Plastic cap,
Galvanised fastenings



Connection of "R-profiles"



Connection of "GG-profiles"



Corner joint as fixation element for the flush assembly of surface elements

Order instruction:

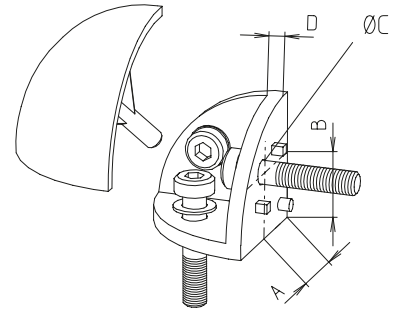
- Purchase only in lot sizes and amultiple of that see product table below



Complete corner joint R20



Complete corner joint GG20



Code No.	Type	lot sizes	Profiles	A	B	Ø C	D
E02043AAE	Complete corner joint, black	4, 8, 12... pcs	R 20	10	10	3.4	2.5
E02045AAE	Complete corner joint, black	4, 8, 12... pcs	GG 20	10	10	3.4	2.5
E02042AAE	Corner joint, (without cap and screws)	4, 8, 12... pcs	R, GG 20	10	10	3.4	2.5

[mm]

Code No.	Type	lot sizes	Profiles	Colour
E02044DAE	Corner cap	10, 20, 30... pcs	R 20	black
E02044KAE				RAL 9006
E02044LAE				RAL 7035
E02044MAE				RAL 1021
E02044NAE				RAL 3020
E02044PAE				RAL 5005
E02046DAE	Corner cap	10, 20, 30... pcs	GG 20	black
E02046KAE				RAL 9006
E02046LAE				RAL 7035
E02046MAE				RAL 1021
E02046NAE				RAL 3020
E02046PAE				RAL 5005

Black



White aluminium
RAL 9006



Light grey
RAL 7035



Rape yellow
RAL 1021



Traffic red
RAL 3020



Signal blue
RAL 5005

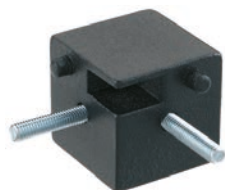


Please note that due to typographical reasons the colours listed above can only be an approximate representation of the corresponding RAL colours.

Order instruction:

- Purchase only in lot sizes and a multiple of that see product table below

Corner joint KL / KLE / KLK / KLA



Version KL



Version KLE

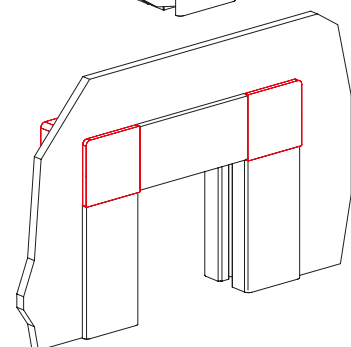
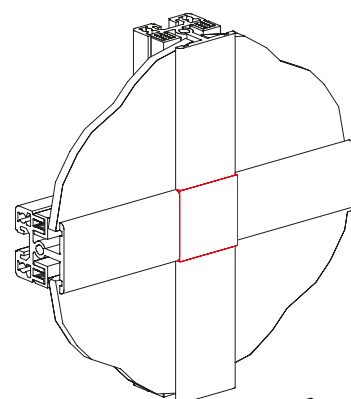
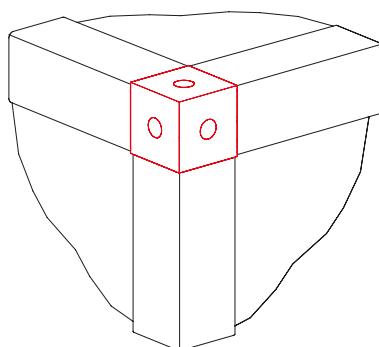
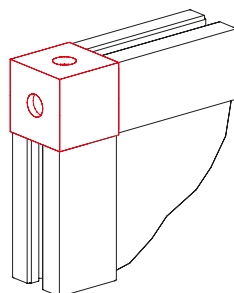


Version KLK



Version KLA

- Connecting element for the rectangular assembly of clamping profiles KL, KLD and KLE



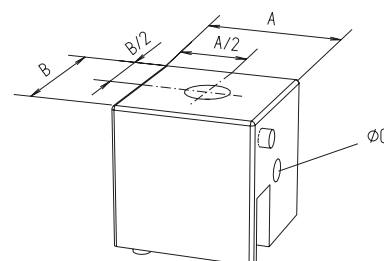
- The fastening screws are inserted directly into the profile which is torsionally secured by means of centring pins
- In the corner joints type KL and KLE, the boreholes for the screws can be tapped with a plastic cap.

Material:

Black powder-coated aluminium

Scope of delivery:

Comprises all the parts necessary for the assembly of two or three profiles



[mm]

Code No.	Type	lot sizes	A	B	C
E04036BHE	KL 20	—	20	20	3.4
E09035BHE	KLE 20	—	20	20	3.4
E00041BHE	KLK 20	—	20	20	3.4
E04059BHE	KLA 20	—	20	20	3.4
Plastic caps (black)					
E00061DAG	KL/KLE 20	100, 200, 300...pcs	—	—	—



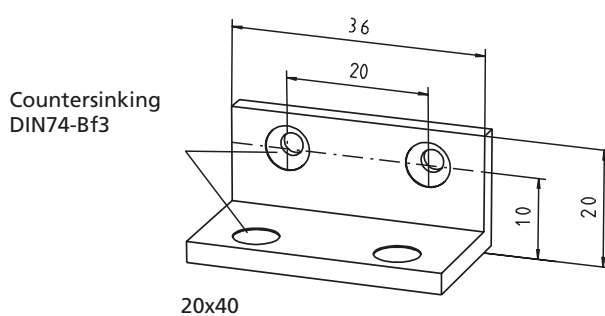
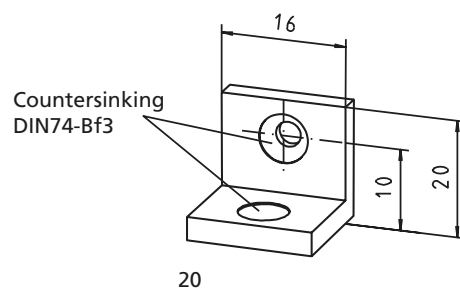
Profile angle bracket

Material:

Aluminium, vibration finished

Scope of delivery:

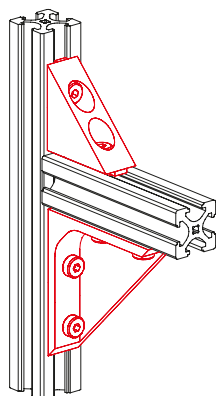
without fixation set



Code No.	Type	Slot geometry
E00005BDE	20	All
E03005BDE	20x40	All
E00018AAE	Fixation set 20	20
E03018AAE	Fixation set 20x40	20

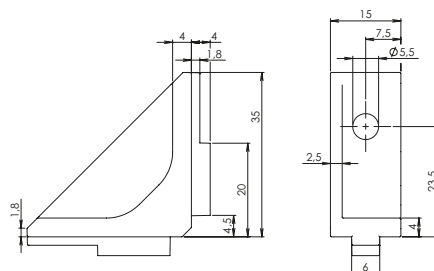


Angle bracket



Material:
Die-cast aluminium
Scope of delivery:
without fixation set

35x35-1



Weight: 17 g

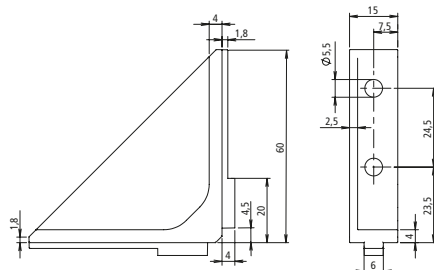
 F: 750 N

 M: 14 Nm

 F= 1300 N

Code No.	Type	Slot geometry
E00062EDE	Angle bracket 35x35-1	20
E00065AAE	Fixation set	20

60x60-1



Weight: 33 g

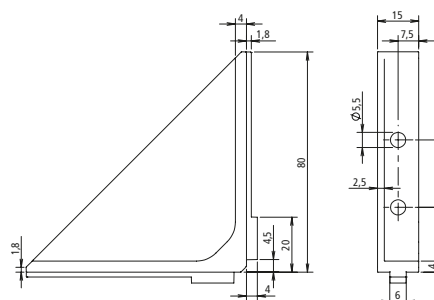
 F: 1500 N

 M: 38 Nm

 F= 2600 N

Code No.	Type	Slot geometry
E00063EDE	Angle bracket 60x60-1	20
E00066AAE	Fixation set	20

80x80-1



Weight: 49 g

 F: 1500 N

 M: 56 Nm

 F= 2600 N

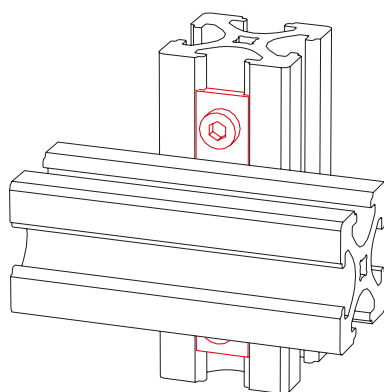
Code No.	Type	Slot geometry
E00064EDE	Angle bracket 80x80-1	20
E00066AAE	Fixation set	20

Mitre joint -transverse-

- This assembly set is used to achieve cross connections without drilling.
- The profiles are adjustable and can be later added to existing constructions.
- The parts are self-centring so that no adjustment of the profiles is needed.

Material:
Galvanised steel

Scope of delivery:
Complete with fixation set



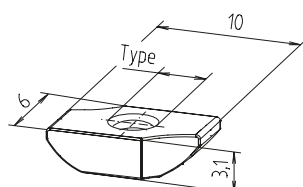
Code No.	Type	Version
E00016AAE	20	with slot stone -B-

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Slot stone -B-


- For the fixation of flange brackets, profile connectors and angle brackets
- The slot stone can be inserted into the slot at any desired position and turns in the correct clamping position when tightening

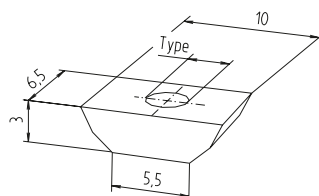


Code No.	Type	lot sizes	F [N]
E00017CEH	M3	10, 20, 30... pcs	2000
E00058CEH	M4	10, 20, 30... pcs	2000

Material:
Galvanised steel

Slot stone -PLM-


- For the fixation of flange brackets, profile connectors and angle brackets
- The slot stone PLM is inserted into the profile laterally



Code No.	Type	lot sizes	F [N]
E00037CEH	M3	10, 20, 30... pcs	2000
E00038CEH	M4	10, 20, 30... pcs	2000
E00039CEH	M5	10, 20, 30... pcs	2000

Material:
Galvanised steel

Screws

Material:
Galvanised steel



DIN 7516-D



DIN 912

Code No.	Type	lot sizes	Usage
E00029CEG	M3x6 / DIN 912	10, 20, 30... pcs	Slot stone -B-
E00033CEG	M3x12 / DIN 7516-D	10, 20, 30... pcs	Fix. Flange bracket/Profile

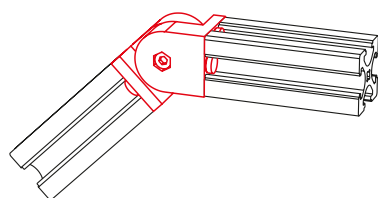
Profile angle bracket



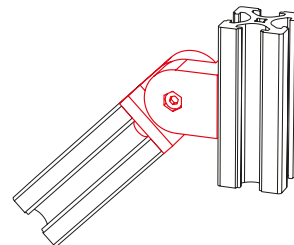
- Depending on the fixation set, for an end-to-end connection or the fixation to the longitudinal slots.
- Continuously adjustable through 180°, it can be fixed in any desired position by means of a clamping screw

Material:
Black fibre-glass reinforced plastic,
Galvanised steel fixation

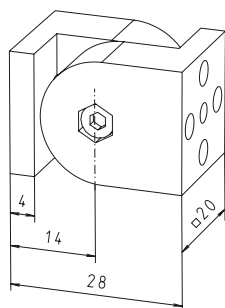
Scope of delivery:
Complete with fixation set and centring pins



End to end



End to slot



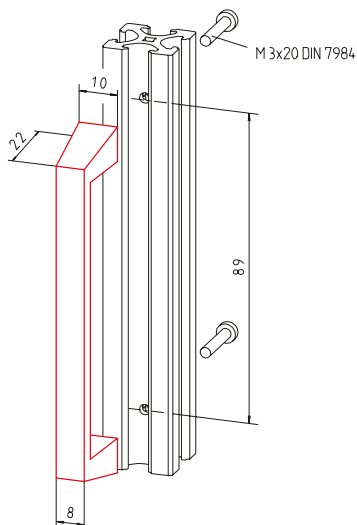
Code No.	Type	Version
E00002AAE	20	End to end
E00003AAE	20	End to slot
E00004AAE	20	Slot to slot

Handle



Material:
Die-cast zinc, black

Scope of delivery:
Complete with fixation set



Code No.	Type	for profile
E00022AAE	T-100	all except R20



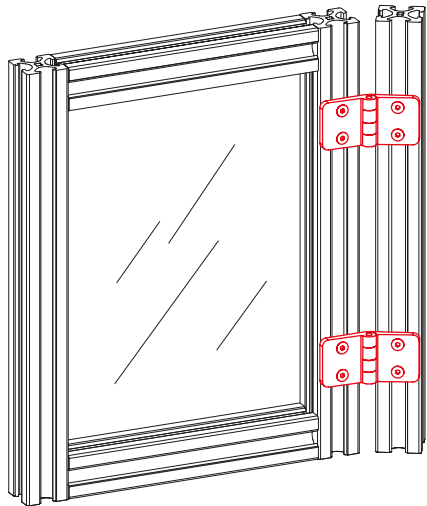
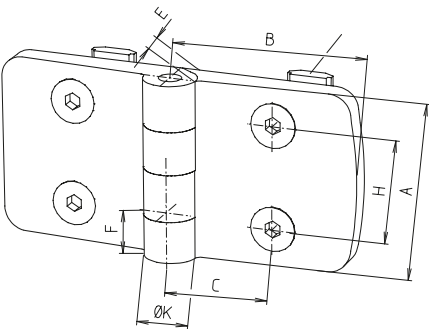
Butt hinge

- Can be attached to all support profiles with slots and surface elements

Material:
Black plastic
Scope of delivery:
Complete with fixation set



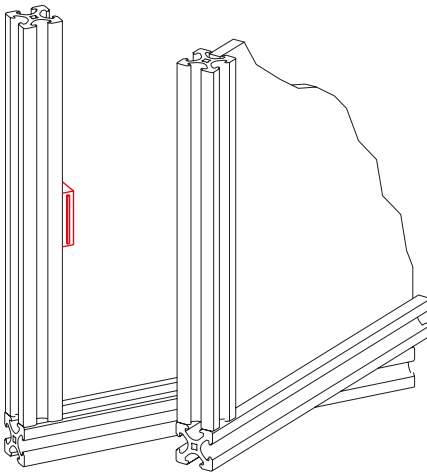
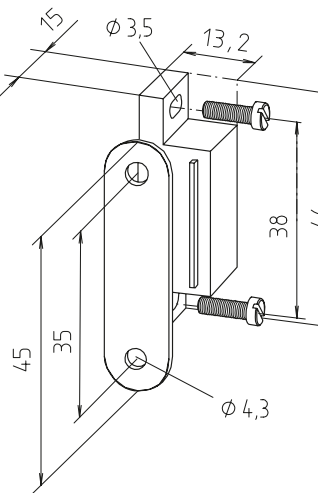
M4x8 DIN7991
Slot stone -B- M4



Code No.	Type
E00049DAE	Butt hinge 20 with fixation set

Magnetic lock

Material:
Plastic, galvanised steel parts
Scope of delivery:
Complete with fixation set



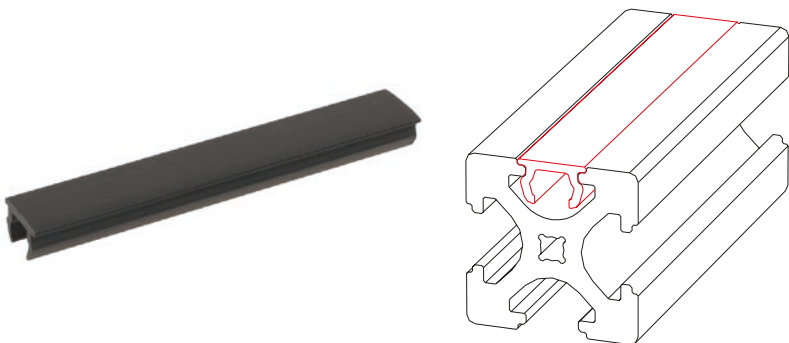
Code No.	Type	for profile
E00023AAE	Surface element with frame	all

Cover profile

- For a flush covering of longitudinal slots, protecting against dirt and retaining cables laid in the slots

Material: Plastic

Please note that due to typographical reasons the colours listed above can only be an approximate representation of the corresponding RAL colours.



Code No.	Type		
E00024DAC	Bar	Black	2000mm
E00024D_C	Bar	coloured	2000mm

Colour of cover profile

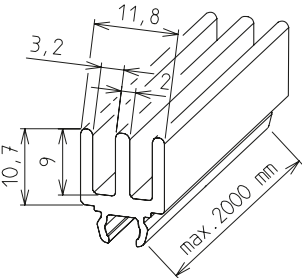
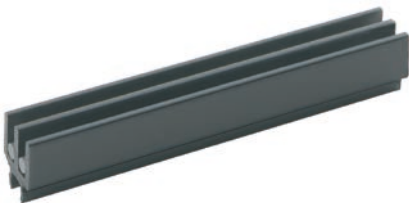
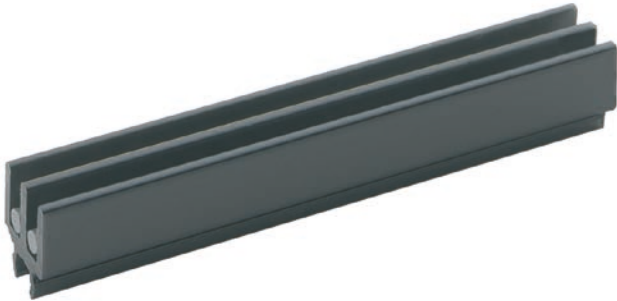
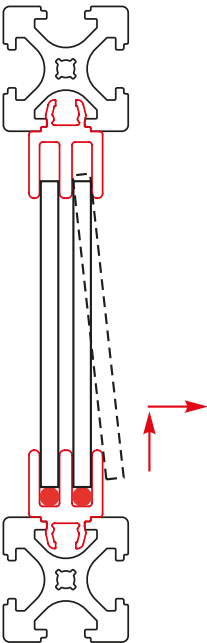
L	Light grey RAL 7035
K	White aluminium RAL 9006
M	Rape yellow RAL 1021
N	Traffic red RAL 3020
P	Signal blue RAL 5005
A	Black RAL 9005

Sliding door profile

■ Thanks to this special PVC profile, sliding doors are easily integrated into profile constructions

Material:
Black plastic

Cut-to-size dimensions type:
Frame internal height of aluminium profile up to 13 mm



Code No.	Type
Sliding door profile with PVC-bead-moulding	
E00068DAD	Bar
E00068DAB	Cut to size
Sliding door profile without PVC-bead-moulding	
E00068DAC	Bar
E00068DAA	Cut to size

Order instruction:

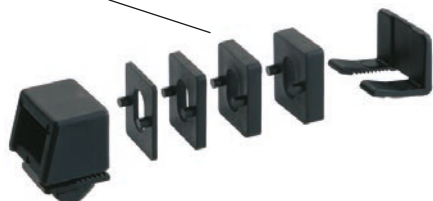
- Purchase only in lot sizes and a multiple of that see product table below

Vario-Quick holding block R

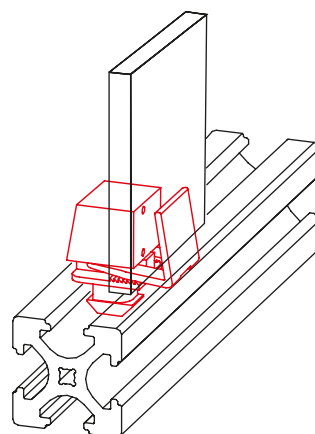
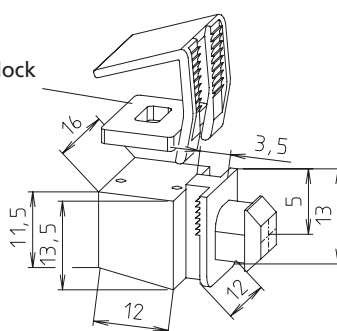
- Used for the later fixation of surface elements into existing profile constructions without screws.
- A toothed slider provides for the clamping, whereas spacer blocks can be used to fix surface elements of varying thickness
- Clamping range for surface elements: 0.5 - 5 mm
- Plate depth allowance: Frame internal width up to 4 mm on all sides

Material: Black plastic

Spacer blocks



Spacer block optional



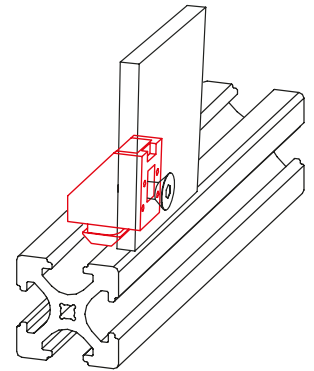
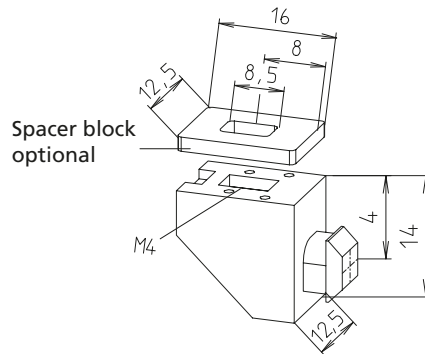
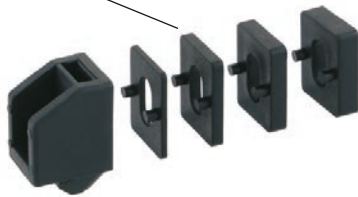
Code No.	Type	lot sizes
E00051DAH	Holding block R, 20 slot geometry	10, 20, 30... pcs
E00053DAH	Spacer block 1 mm	10, 20, 30... pcs
E00054DAH	Spacer block 2 mm	10, 20, 30... pcs
E00055DAH	Spacer block 3 mm	10, 20, 30... pcs
E00056DAH	Spacer block 4 mm	10, 20, 30... pcs

Vario-Quick holding block S

- In contrast to the Vario-Quick holding block R, here the surface element is screwed to the Vario-Quick holding block S.

Material: Black plastic, Galvanised square nut

Spacer blocks

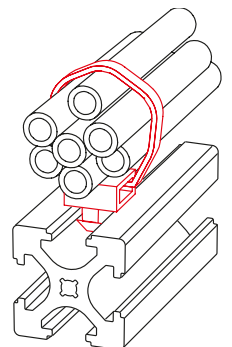
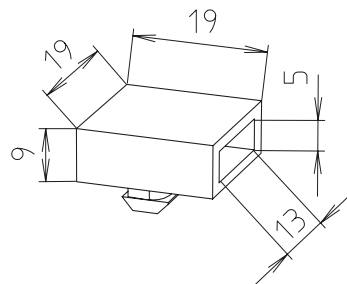
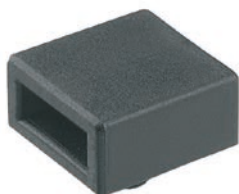


Code No.	Type	lot sizes
E00052DAH	Holding block S, 20 slot geometry	10, 20, 30... pcs
E00053DAH	Spacer block 1	10, 20, 30... pcs
E00054DAH	Spacer block 2	10, 20, 30... pcs
E00055DAH	Spacer block 3	10, 20, 30... pcs
E00056DAH	Spacer block 4	10, 20, 30... pcs

Vario-Quick holding block K (cable bracket)

- The holding block K is used for the fixation of cables and pipes to the profile by means of a cable fastener
- It can be inserted directly into the slot.

Material: Black plastic

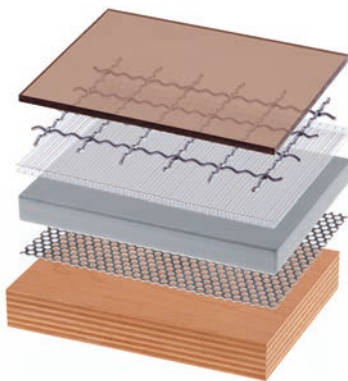


Code No.	Type	lot sizes
E00060DAH	Holding block K, 20 slot geometry	10, 20, 30... pcs

Surface element

■ For doors, cladding, partitions and table tops.

Cuts according to instructions!



Code No.	Type	Thickness	Version	Max. panel size [m]	Weight [kg/m²]
4018584	Macrolon	2 mm	transparent	3.05 x 2.05	2.40
4018586	Macrolon	4 mm	transparent	3.05 x 2.05	4.80
4018587	Macrolon	4 mm	tinted	3.05 x 2.05	4.80
4018576	Macrolon	6 mm	transparent	3.05 x 2.05	7.20
4018579	Macrolon	6 mm	tinted	3.05 x 2.05	7.20
4018563	Acrylic glass	5 mm	blue transparent	3.05 x 2.03	6.00
4018582	Acrylic glass	4 mm	transparent	3.05 x 2.05	4.80
4018583	Acrylic glass	4 mm	tinted	3.05 x 2.05	4.80
4018575	Acrylic glass	6 mm	transparent	3.05 x 2.05	8.00
4012575	Acrylic glass	6 mm	tinted	3.05 x 2.05	8.00
4012576	Trespa	6 mm	brown	3.65 x 1.86	8.40
4012586	Trespa	6 mm	silver grey	3.65 x 1.86	8.40
4018570	Koematex	6 mm	white	3.05 x 1.56	4.20
4015573	Aluminium	2 mm	clear anodised	2.00 x 1.00	5.40
4016577	Wire mesh	2.5 mm	Galvanised steel	1.40 x 2.50	2.40



Order instruction:

- Purchase only in lot sizes and a multiple of that see product table below

- For end covering of profiles
- Thickness of caps 2 mm.

Material: Plastic

Please note that due to typographical reasons the colours listed above can only be an approximate representation of the corresponding RAL colours.

Caps



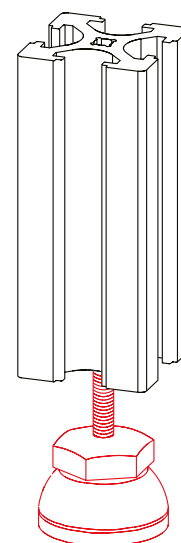
	Light grey RAL 7035
	White aluminium RAL 9006
	Black RAL 9005

Code No.	Type	lot sizes	Colour
E01025DAE	20	10, 20, 30... pcs	black
E01025KAE			RAL 9006
E01025LAE			RAL 7035
E02025DAE	R 20	10, 20, 30... pcs	black
E02025KAE			RAL 9006
E02025LAE			RAL 7035
E03025DAE	20x40	10, 20, 30... pcs	black
E03025KAE			RAL 9006
E03025LAE			RAL 7035

Foot

- The foot is screwed directly into the screw channel of the M-BLOCAN® profile.

Material: Galvanised steel thread,



Code No.	Type	lot sizes	Colour
E00057AAE	20	10, 20, 30... pcs	Black plastic foot

Visible profiles of accessories (G-profiles)

Versions



Connecting
technology



Slot stones



Angle brackets



Vario-Quick
holding block



Plastic foot



Levelling foot



Hinges



Handle profile



Handle



Magnetic lock



Caps



Cover caps

Table of contents

Accessories

- Connecting technology p. 354
- Slot stones p. 358
- Angle brackets p. 359
- Vario-Quick holding block S p. 359
- Plastic foot p. 360
- Levelling foot p. 360
- Hinges p. 361
- Handle profile p. 362
- Handle p. 362
- Magnetic lock p. 362
- Caps p. 363
- Cover caps p. 363

Connecting technology G-profiles

- G-profiles are connected by simple screw connections which are directly screwed into the screw holes of the profiles.
- A through bore hole is drilled into the passing profile of the connection using a template.



- Only one cylinder screw, (40 mm-profile), or two cylinder screws in case of the 40 x 80 mm-profile, is necessary for a rigid connection.
- Optionally, the clamping bolt connection can also be used in a similar way.

- For crossing connections, a special connecting element (see page 356) is being offered.

Through bore hole Ø 6.5 mm
for rotation preventing pin

- Position the drilling template and drill the through bore hole of Ø 6.5 mm. If necessary, in case the profile G-40 is used, drill an additional bore hole for the rotation preventing pin.

Code No.	Type
4006650	Drilling template

Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

Connection with cylinder screw



- For cylinder screw connections, the top side is drilled out to Ø 11 mm until the bottom of the first slot is reached.

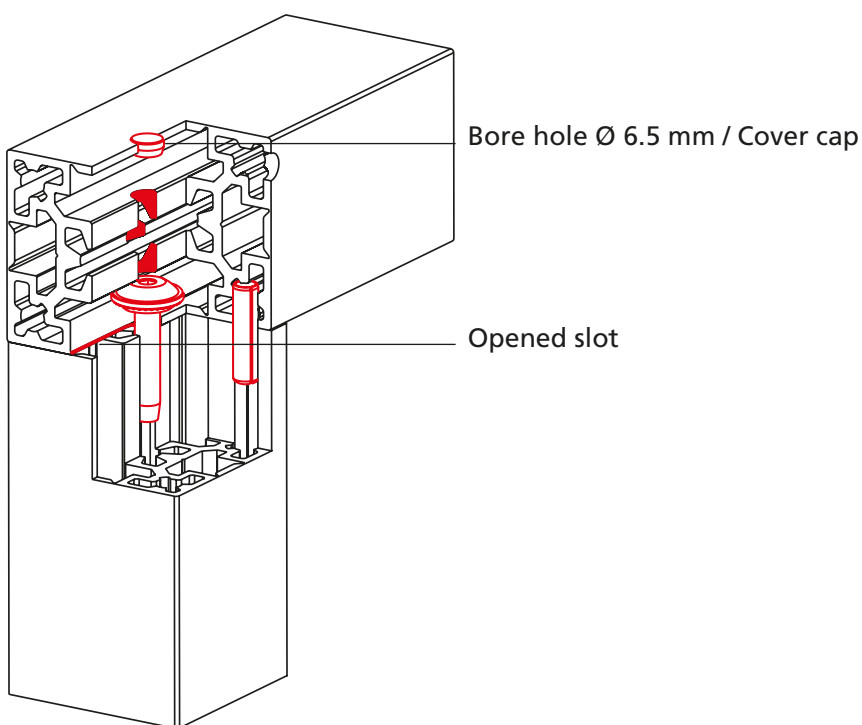
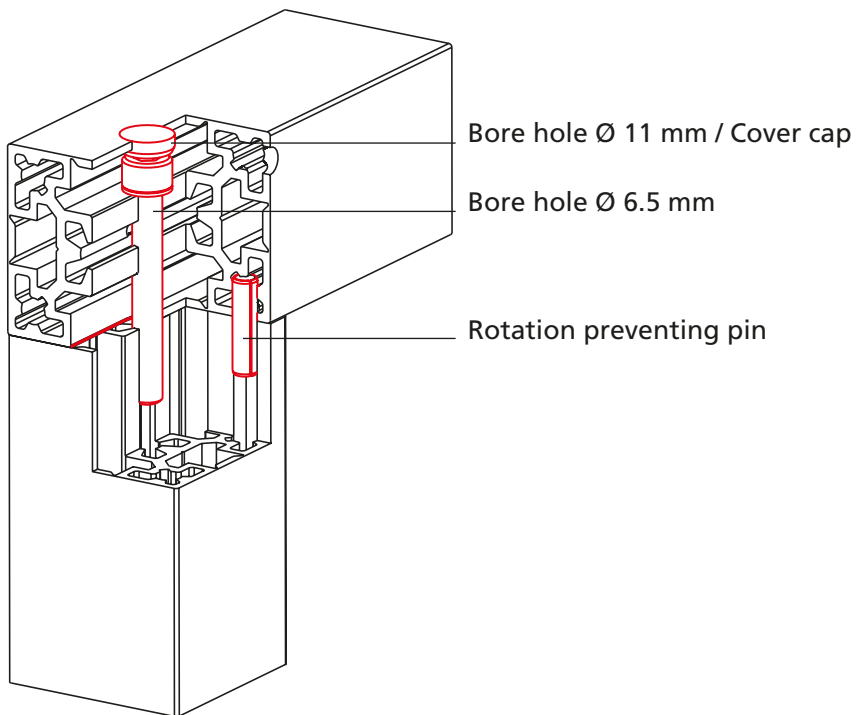
Code No.	Type	lot sizes
4B60504	Cyl. screw M6x80, A2	100, 200, 300... pcs
4B60505	Cyl. screw M6x90, A2	100, 200, 300... pcs

Connection with hidden screw



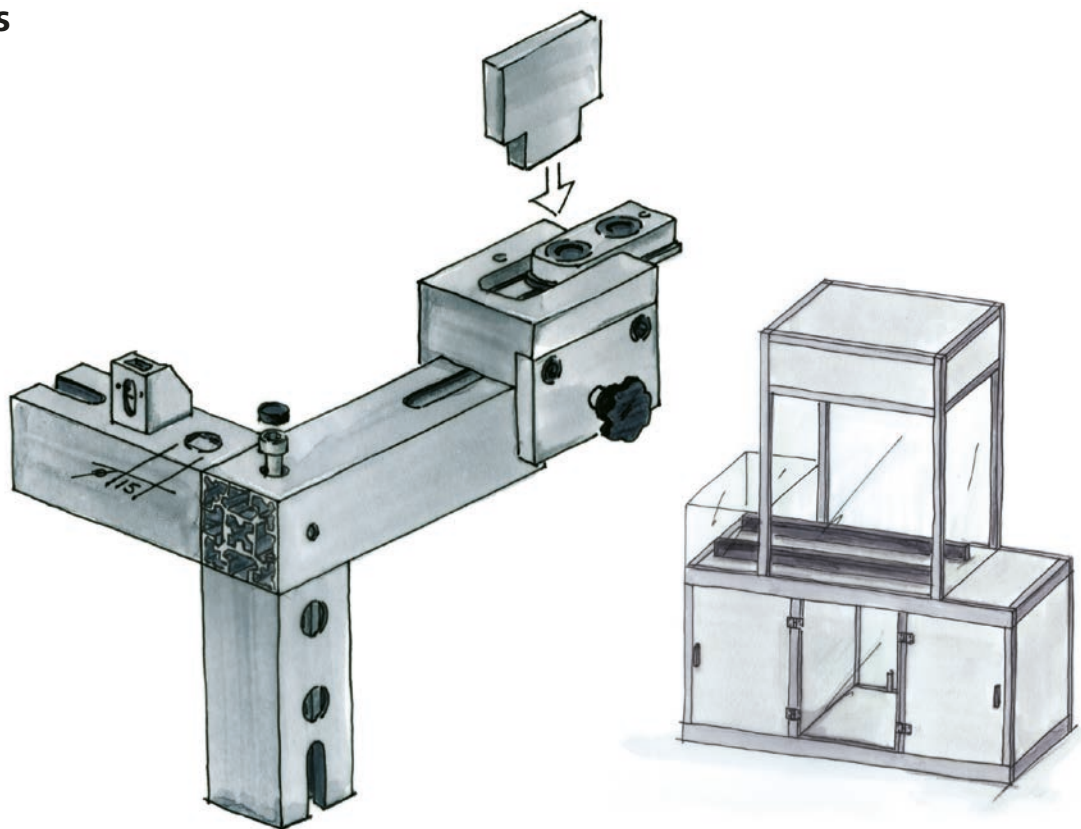
- For the hidden screw connection, the profile slot is levered out or preferably chiselled out precisely using the RK tool (see page 357). After that, the hidden screw can be slid in from the side. Refer to the sketch on page 347.

Code No.	Type	lot sizes
4B60502	Hidden screw M6X30, galvanised	10, 20, 30... pcs



Connecting technology G-profiles

Versions

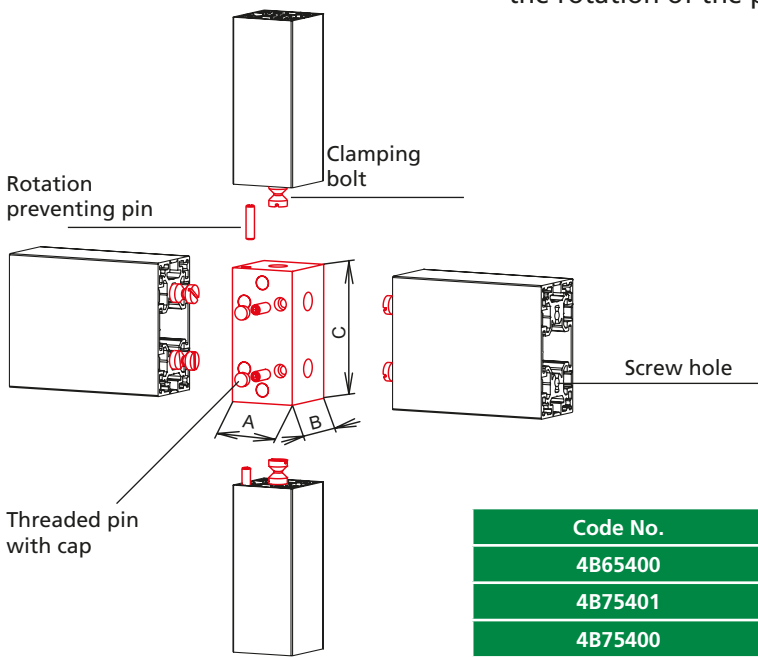


G-connectors



■ The G-connector serves for connecting crossing G-profiles to each other (without profile processing). For this, the clamping bolts are inserted into the screw hole and then the profile is clamped by tightening the threaded pins. The profile G-40x40 has a pin that prevents the rotation of the profiles.

Material: Aluminium
Scope of delivery:
The order number involves all parts needed for the complete assembly of a connection.

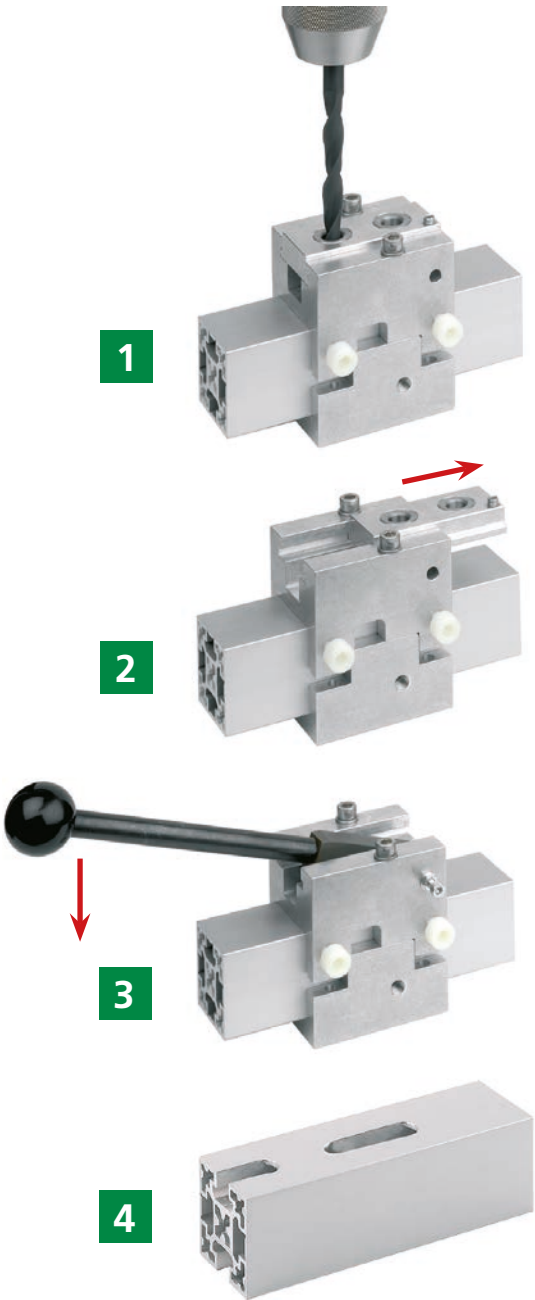


Code No.	Type	A	B	C
4B65400	K 40	40	40	40
4B75401	K 40/80	40	40	80
4B75400	K 80	80	40	80

Opening of the profile slot

Drill and chisel tool for G-profiles

■ When the G-profiles were designed, special attention was given to the fact that, if necessary, the hidden profile slots shall be accessible. This is possible simply by chiselling out the covered slot. In this way, accessories can be attached without problems or the profiles can be connected to each other.



1.) A bore hole is drilled on the end points of the desired position. For attaching accessories, two bushes are installed in a defined distance.

2.) After that, the drilling template is removed.

3+4.) The profile slot is chiselled out using a stamp.

Code No.	Type
4006651	Drill and chisel tool 40
4006653	Drill and chisel tool 80

Accessories G-Profiles



Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

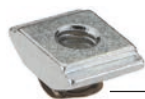
- The slot stones can also subsequently be placed or inserted into the profile groove.

- The slot stone with spring clip (type-F/K-) can be fixed at any desired position.

Material: Galvanised steel

Slot stones

-F-



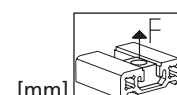
Spring clip

-K-



Spring clip

-R-



[mm]

Code No.	Type	lot sizes	A	B	C	D	E	F
4006715	-F- / M4	10, 20, 30... pcs	10	14	4	–	M4	3500
4006713	-F- / M5	10, 20, 30... pcs	10	14	4	–	M5	4000
4016212	-K- / M6	10, 20, 30... pcs	21	14	4	7	M6	5000
4016213	-K- / M8	10, 20, 30... pcs	21	14	4	7	M8	8000
4026221	-R- / M6	10, 20, 30... pcs	15	8	10	–	M6	8000
4026222	-R- / M8	10, 20, 30... pcs	15	9	10	–	M8	8000



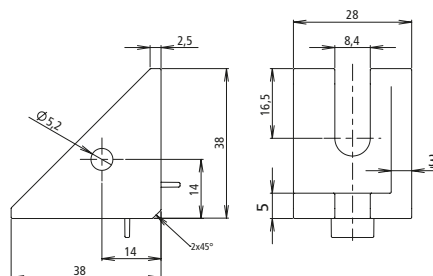
Order instruction:

- Purchase only in lot sizes and amultiple of that see product table below

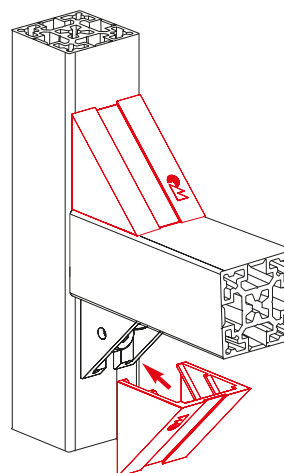
Angle brackets



- A centring nib facilitates the assembly and prevents the bracket from twisting. Should the nibs not be required, they can be snapped off with a pair of tongs.
- Angular tolerance $90^\circ \pm 5'$.



Material: Die-cast zinc,
Cover made of plastic RAL9006
Fixation set made of stainless steel

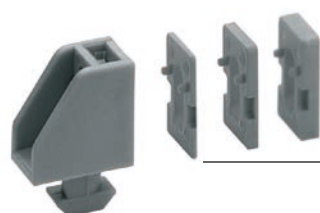


Code No.	Type	lot sizes	F [N]	M [Nm]	F[N]
4014102	Angle bracket 40	10, 20, 30... pcs	2200	45	4000
4018104	Plastic cap 40, RAL 9006	10, 20, 30... pcs	—	—	—
4029208	Fixation set M8x16, slot stone -N-	—	1 slot stone with screw, washer		

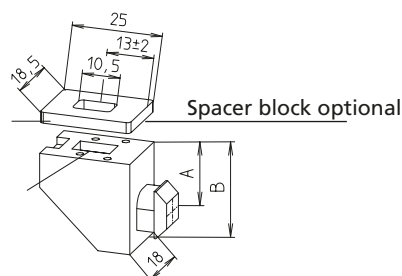
Vario-Quick holding block S

- Used for the later fixation of surface elements to existing profile constructions.
- The surface element is screwed to the holding block.
- Spacer blocks allow for different distances to the profile edge.

Material: Plastic, RAL 9006
Stainless steel square nut

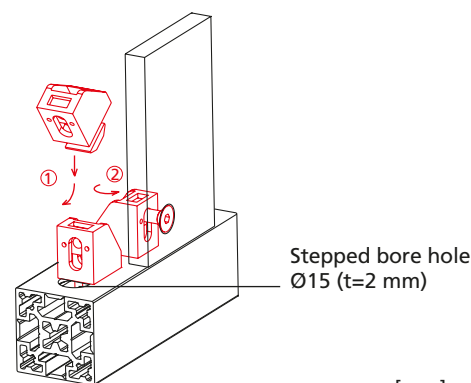


Spacer blocks



Spacer block optional

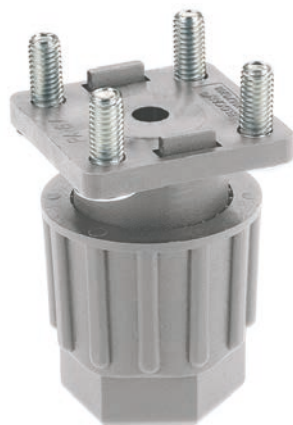
Square nut M



[mm]

Code No.	Type	lot sizes	Version	A	B	M
4018154	Holding block S	10, 20, 30... pcs	40 slot geometry	10	25	M4
4018134	Holding block S	10, 20, 30... pcs	40 slot geometry	10	25	M6
4018136	Spacer block S/L	10, 20, 30... pcs	2 mm	—	—	—
4018137	Spacer block S/L	10, 20, 30... pcs	3 mm	—	—	—
4018138	Spacer block S/L	10, 20, 30... pcs	5 mm	—	—	—
4006648	Stepped drill	—	Ø 8 / 15	—	—	—
4006649	Countersink	—	Ø 15 - 90°	—	—	—

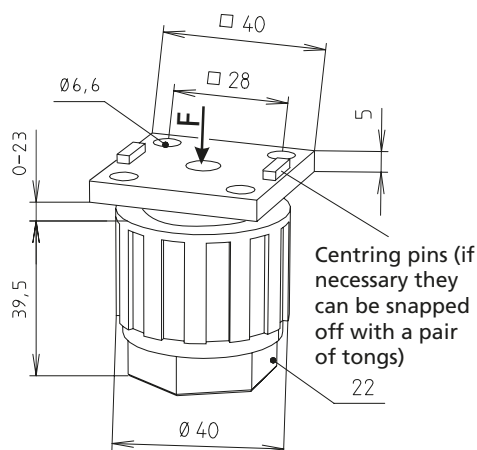
Foot –plastic–



- Thanks to its attractive design, the plastic foot can be considered an alternative to the conventional swivel feet.
- The height adjustment does not require tools.

Material: Plastic RAL9006

Scope of delivery: complete foot with fastenings to be applied to a profile.



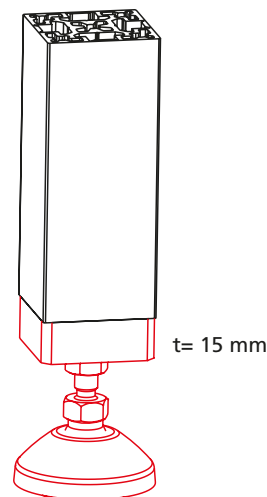
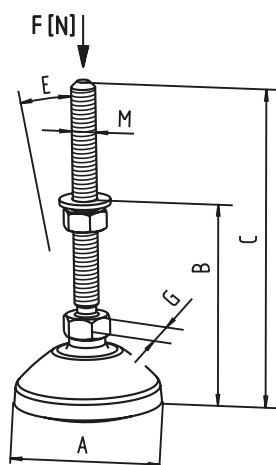
Code No.	Type	F [N]
4018302	40 slot geometry	1200

Levelling foot



- The levelling feet are screwed into the profile using the connecting plate at the face.
- Note: If the profile G 40 x 40 mm is used, the middle screw hole has to be drilled out.

Material: Thread and screws made of stainless steel, hinge disc made of plastic (RAL9006), connecting plates made of aluminium.



Code No.	Type	A	B _{min.}	C	M	E	G	F [N]
4016321	Levelling foot	39	38.5	55	M8	20°	14	9,000
4016322		59	40	100	M10	20°	14	10,000
4016323		79	42	128	M12	20°	14	10,000

Code No.	Type	A	Profile
4014432	Connecting plate	M8	G-40x40
4014433		M10	G-40x40
4014434		M12	G-40x40

Code No.	Type	A	Profile
4034434	Connecting plate	M8	G-40x80
4034432		M10	G-40x80
4034433		M12	G-40x80



Hinges 2-part

- The hinges can be mounted on all brace profiles and/or surface elements. In case of lift off hinges, flaps and doors can be removed easily.

Material: Aluminium, Steel parts made of stainless steel
A fixation set (assembly of profiled parts) is supplied with the unit.

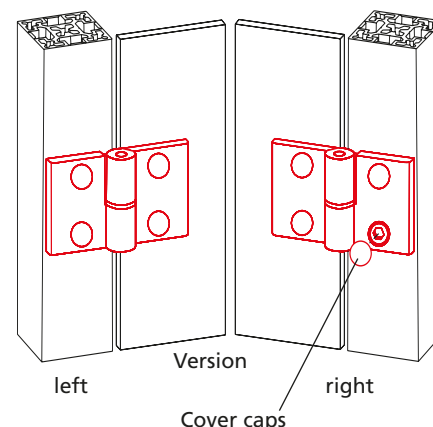
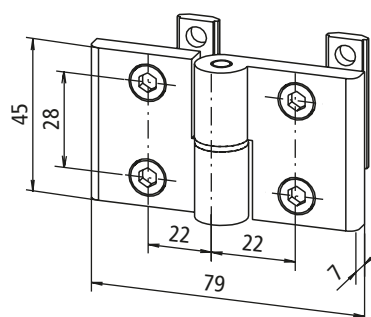
Lift off hinges



Butt hinge



Slot stone -L- M6



Code No.	Type	Slot geometry
4015510	Lift off hinge -left-	40
4015511	Lift off hinge -right-	40
4015513	Butt hinge	40

Hinges 3-part

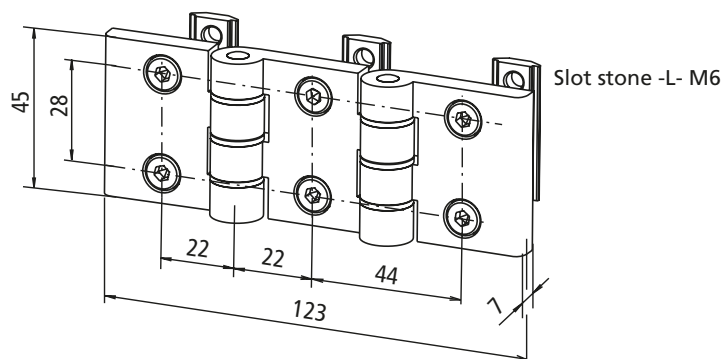
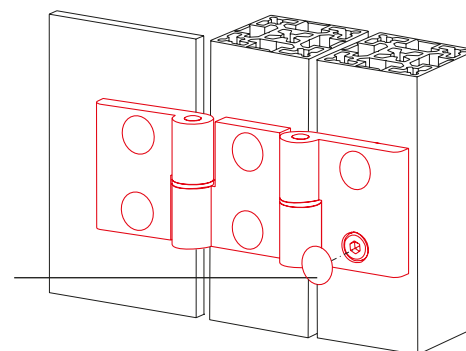
Lift off hinge



Butt hinge



Cover cap



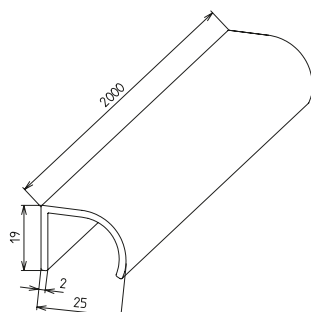
Code No.	Type	Slot geometry
4015512	Lift off hinge	40
4015514	Butt hinge	40

Handle profile



- The stylish handle profile is available in bars that can be cut to length if required. Fitting holes are to be bored by the customer.

Material: Aluminium



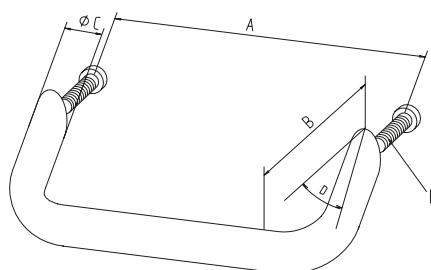
Code No.	Type
4015595	Handle profile, bar 2000 mm

Handle



- Complete with fastenings

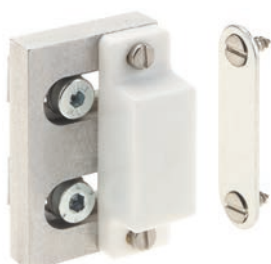
Material: Aluminium, powder-coated RAL 9006, Galvanised fixation set



[mm]

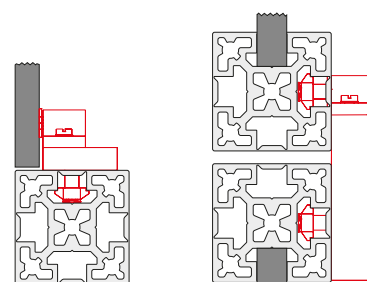
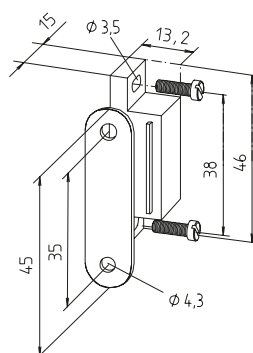
Code No.	Type	A	B	C	D	E
4015599	Handle	128	50	20	35°	M6x40

Magnetic lock



- Magnetic lock complete with holder and fixation set.

Material: Plastic, galvanised steel parts, aluminium holder, stainless steel fixation set



Type 1: without frame / Type 2: profiles central

Code No.	Type
4010605	1. without frame
4010604	2. profiles central



Order instruction:

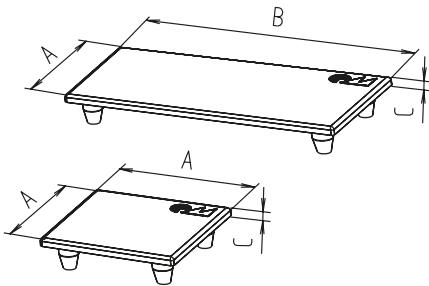
- Purchase only in lot sizes and amultiple of that see product table below

Cover cap



- Plastic cover cap for end covering of G-profiles.

Material: Plastic, RAL9006



[mm]

Code No.	Type	lot sizes	A	B	C
4B68421	4G-40x40	10, 20, 30... pcs	40	40	3
4B78421	4G-40x80	10, 20, 30... pcs	40	80	3

Cover cap



- The screw heads and drill bores of the accessories are covered with caps. If necessary, they can be re-ordered as a pack.

Material: Plastic RAL 9006

Code No.	Type	lot sizes
4B68500	Fixation set hidden screw	100, 200, 300... pcs
4B68501	Fixation set cylinder screw	100, 200, 300... pcs
4018503	Hinges	100, 200, 300... pcs
4B68502	G-connector	100, 200, 300... pcs