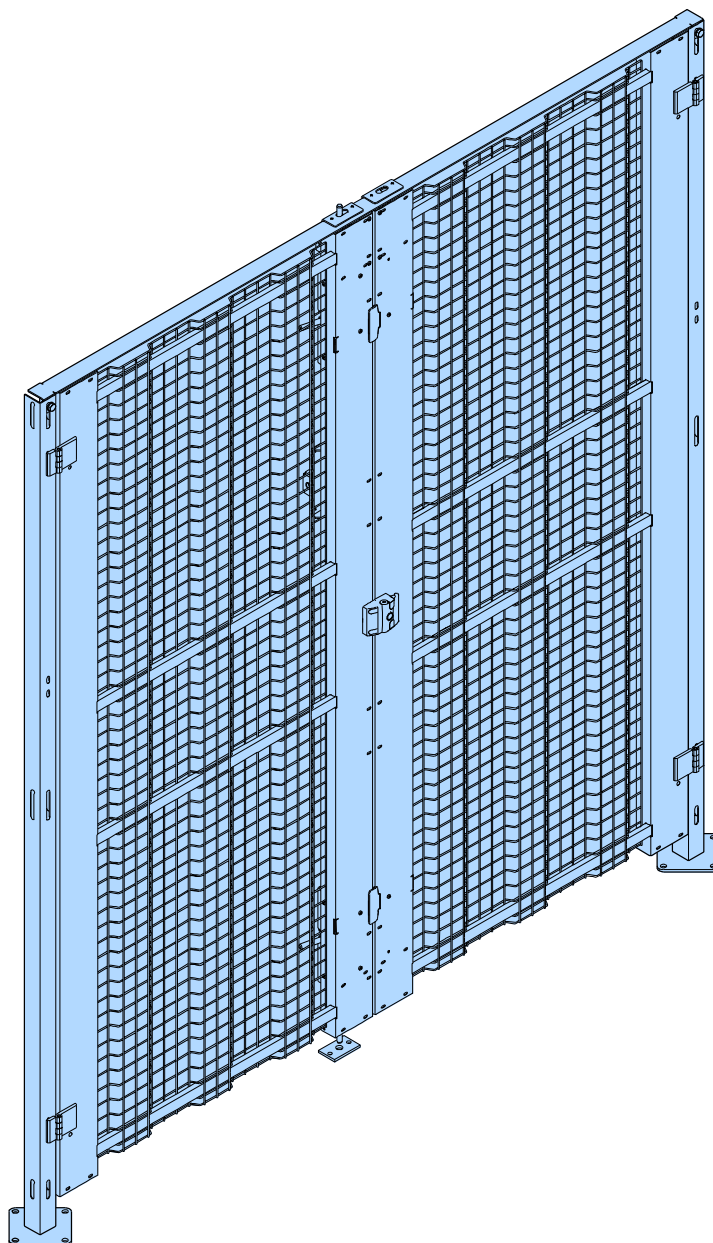




Assembly instructions
Securfence
Version 2.0 / 18-11-2015



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1 General

This chapter provides general information about the Securyfence and these assembly instructions.

Corresponding documentation

Document	Reference
Manual	UM-SECURYFENCE_V1.0-EN
Assembly instructions	AI-SECURYFENCE_V2.0-EN
OEM parts of fencing • Safety switch	

Intended use

The Securyfence components are to be used exclusively as fencing to prevent access to (dangerous) zones or areas. Securyfence does not provide protection to heat, radiation, sound or any other danger that can pass under, over or through the mesh of the fencing. Refer to the user manual for more information. The stability of the fencing depends on the chosen layout. Any additional stability can be achieved by supports to the wall, ceiling or other constructions.

CE Declaration of Conformity

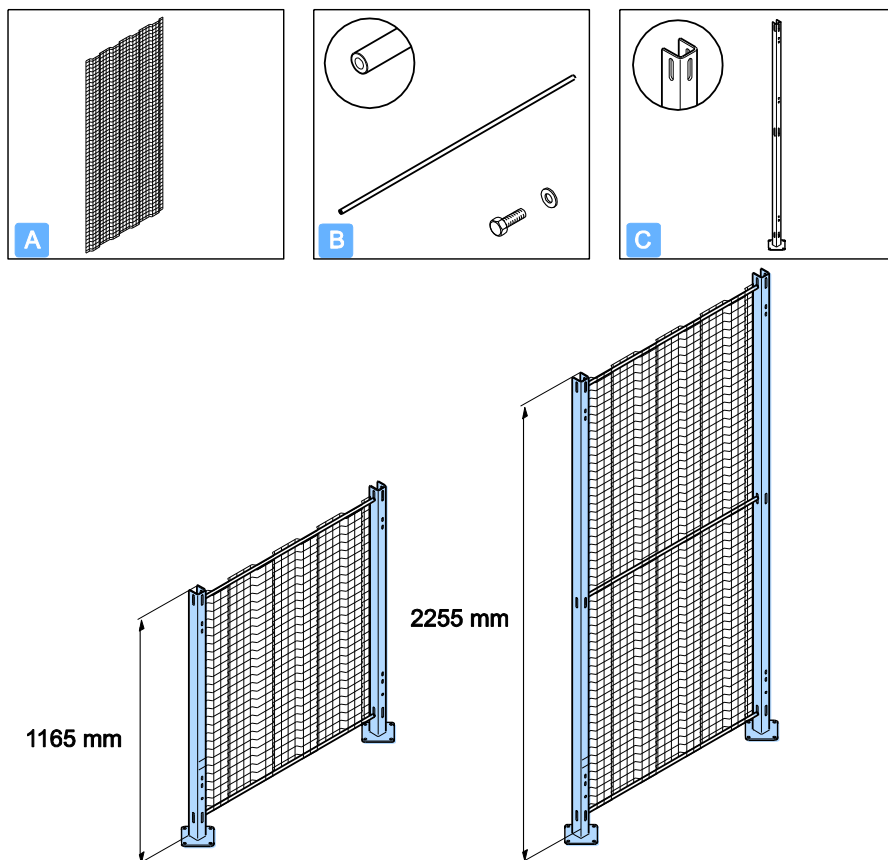
Components of Securyfence conform the Machinery Directive 2006/42/EC. The declaration of conformity is included in the user manual.

Relevant harmonised standards

The fencing of appropriate height must be placed at the appropriate distance to comply with the Machinery Directive. Depending on the application, it may be required to install an interlock or a interlock with guard locking on a door. Refer to the user manual for the relevant harmonised standards. Observe local laws and regulations for additional standards and requirements.

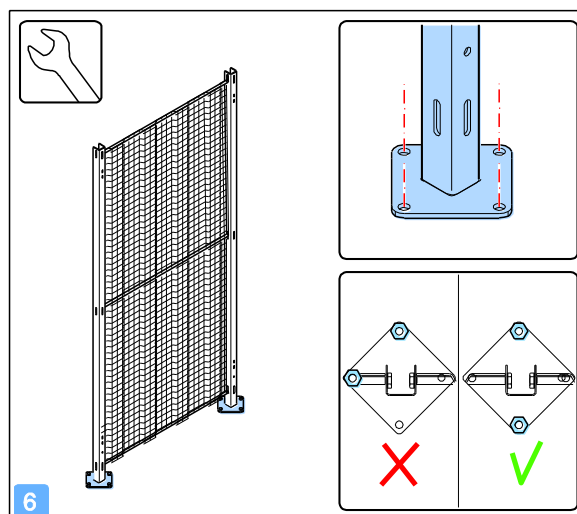
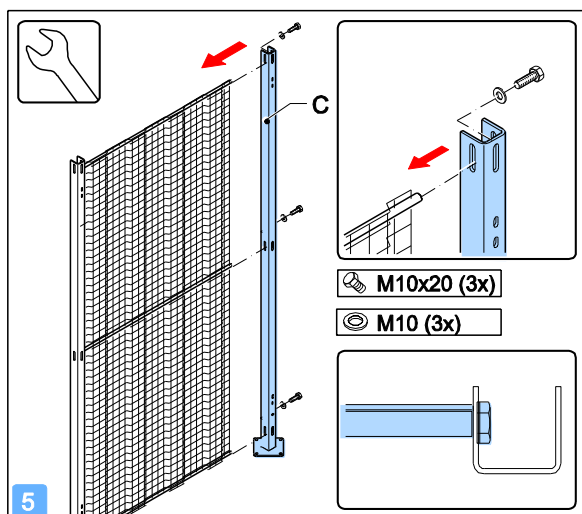
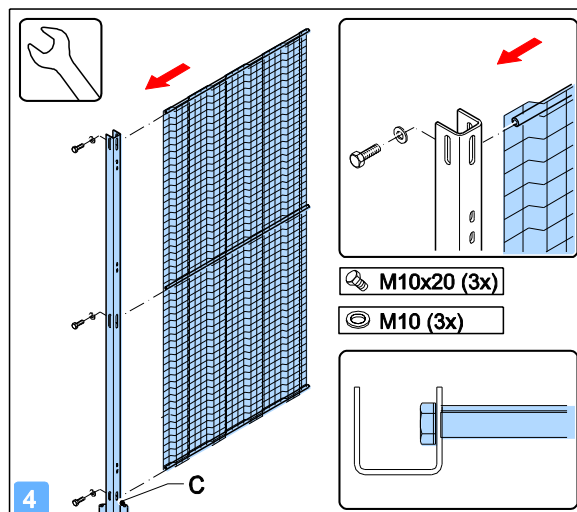
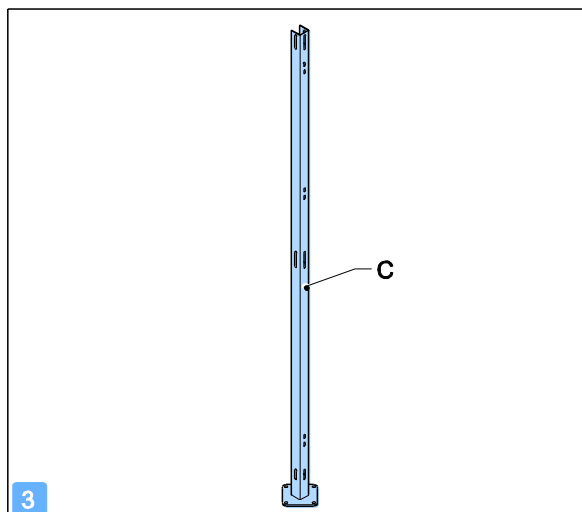
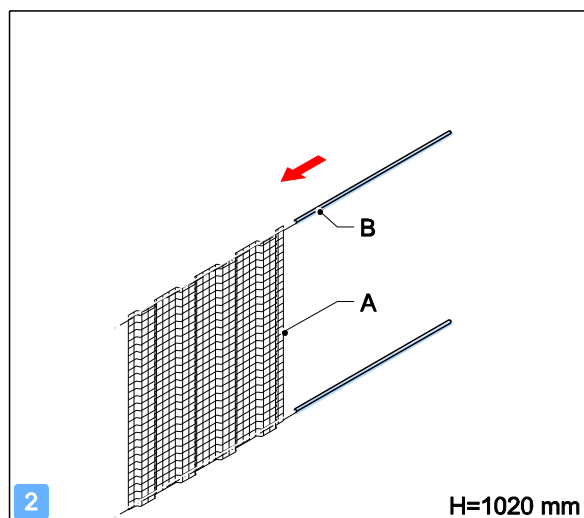
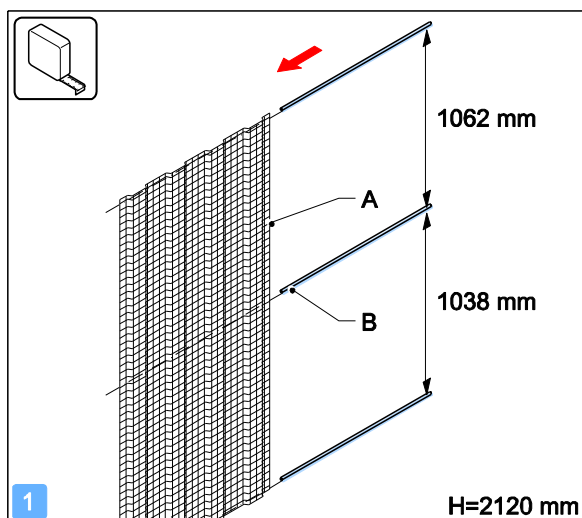
2 Installing columns and panels

2.1 Standard column



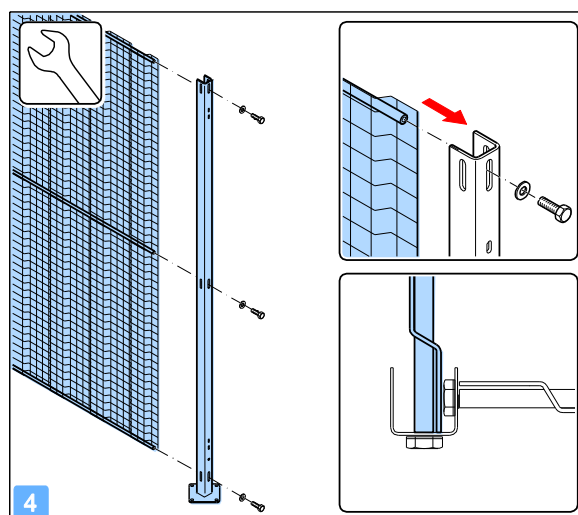
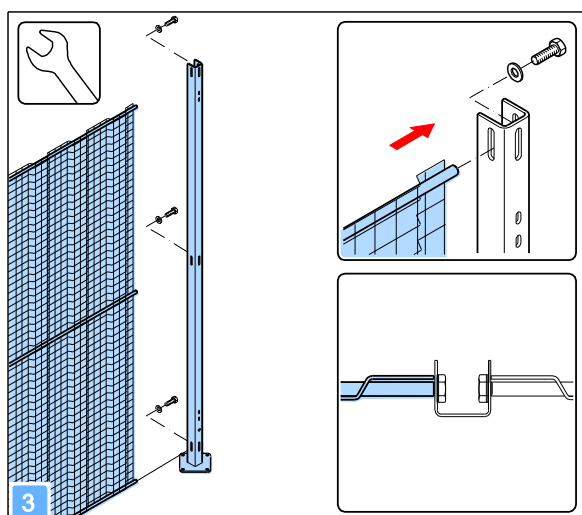
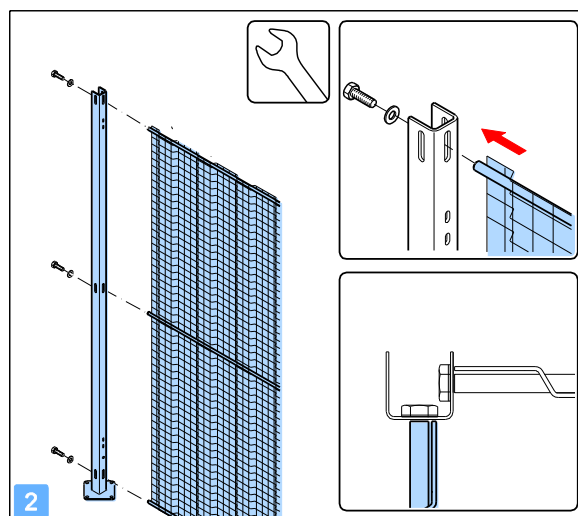
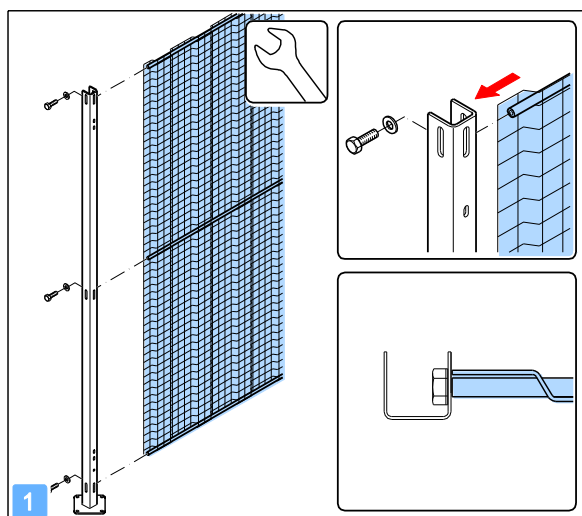
Parts list standard columns					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A		1000522	1000461	Wire mesh panel	H=2120 W=225
		1000526	1000465	Wire mesh panel	H=2120 W=475
		1000530	1000469	Wire mesh panel	H=2120 W=730
		1000534	1000473	Wire mesh panel	H=2120 W=990
		1000514	1000453	Wire mesh panel	H=2120 W=1240
		1000518	1003055	Wire mesh panel	H=2120 W=1495
		AE0006140	1001770	Wire mesh panel	H=1020 W=225
		AE0006137	1003990	Wire mesh panel	H=1020 W=475
		AE0006134	1001682	Wire mesh panel	H=1020 W=730
		AE0006131	1001275	Wire mesh panel	H=1020 W=990
		AE0006128	1000985	Wire mesh panel	H=1020 W=1240
		AE0004663	1006571	Wire mesh panel	H=1020 W=1495
B		1000259	1000240	Mounting rod	W=225
		1000261	1000241	Mounting rod	W=475
		1000263	1000242	Mounting rod	W=730
		1000264	1000243	Mounting rod	W=990
		1000257	1000239	Mounting rod	W=1240
		1000258	1002593	Mounting rod	W= 1495
C		1005364	1004848	Column	H=2255
		AE0006162	AE0007796	Column	H=1165

Installing columns and panels



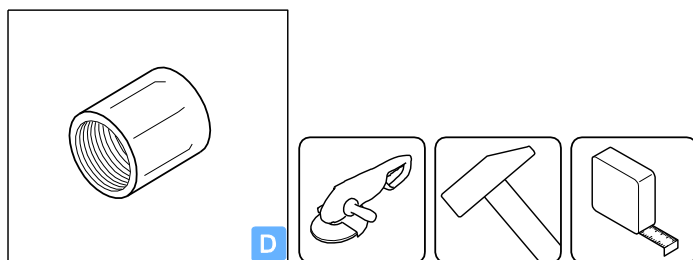
Anchor column after everything is placed.

Different mounting positions of wire mesh panel



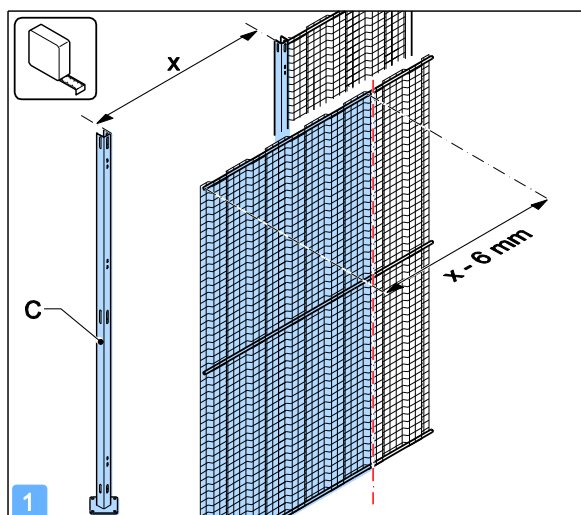
2.2 Shortening panels and tubes

Only applicable when a non-standard panel width is required

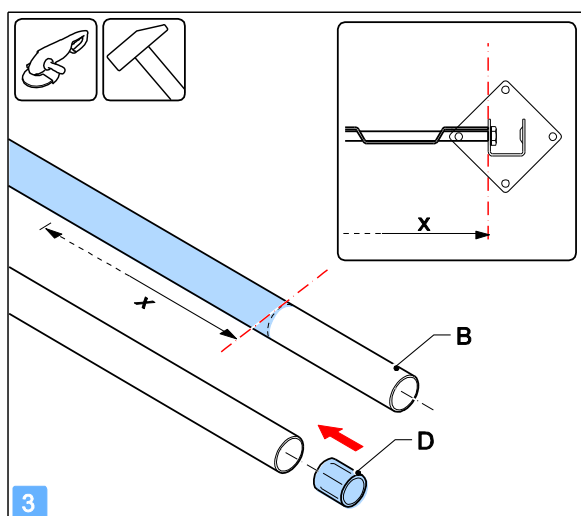
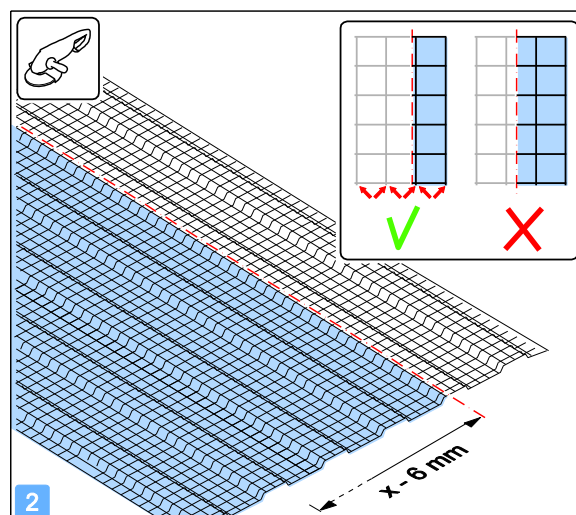


Parts list shortening panels and tubes					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
D		1000309	1000309	Insert	

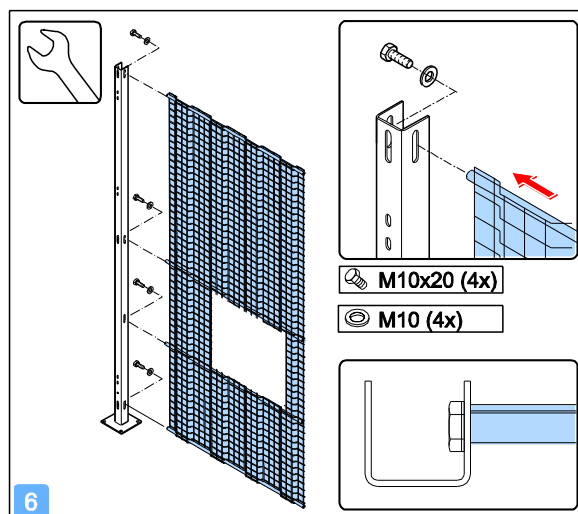
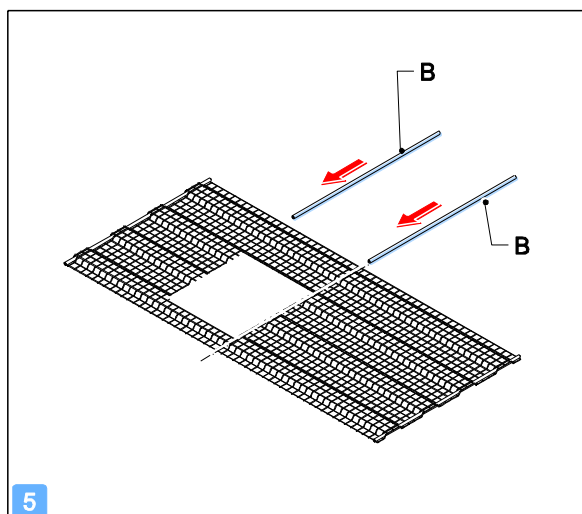
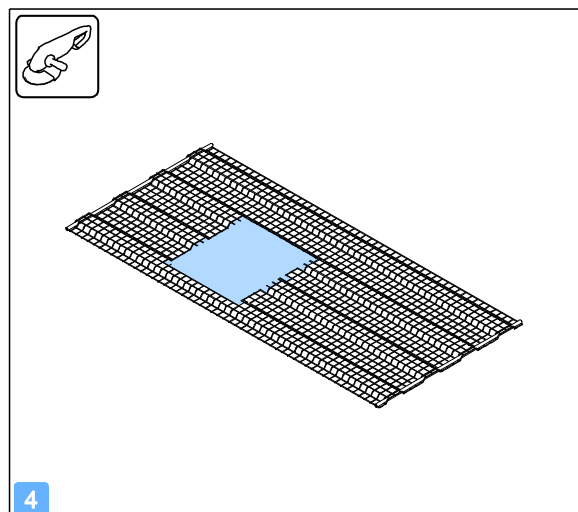
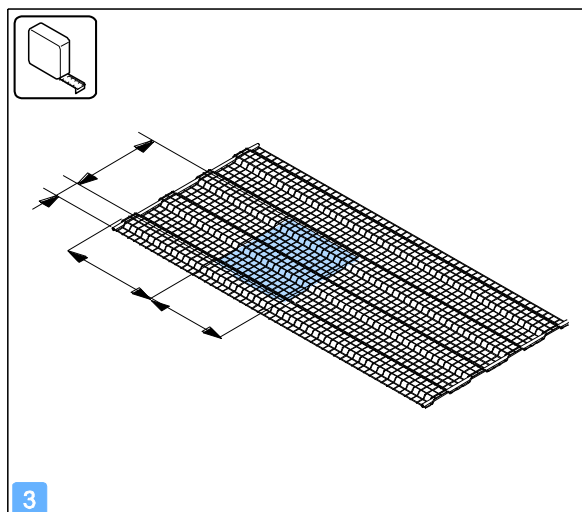
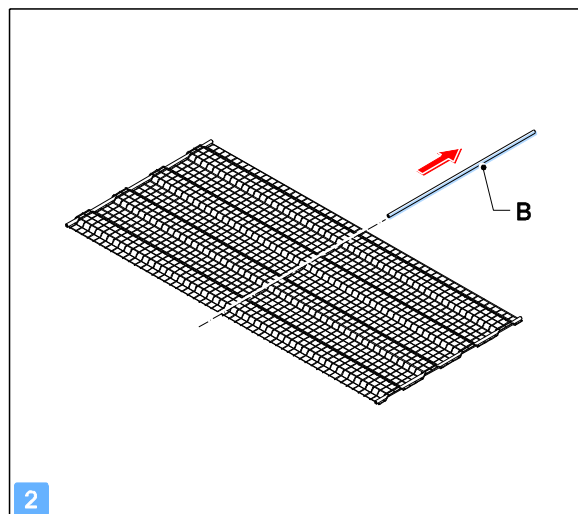
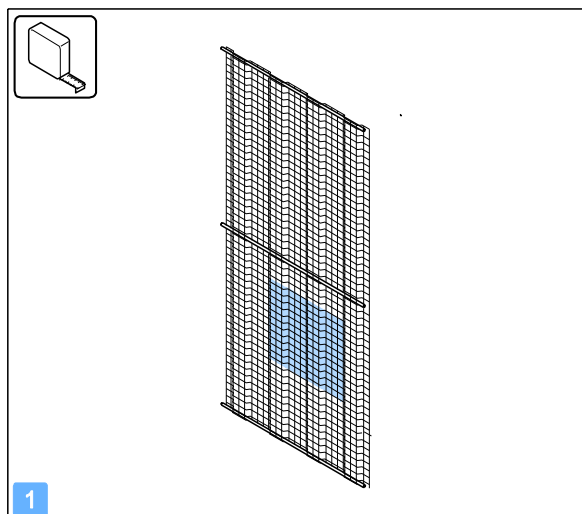
Assembling



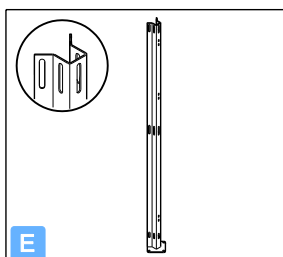
x = distance between the columns



2.3 Creating an opening

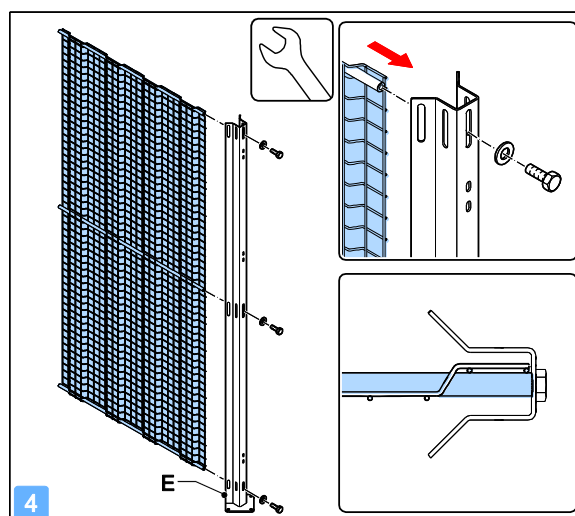
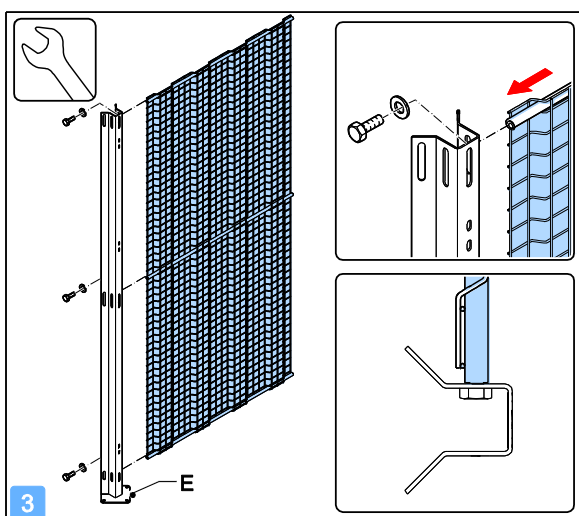
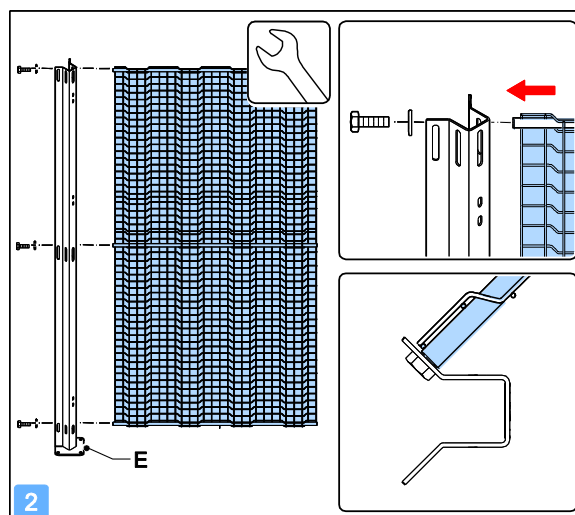
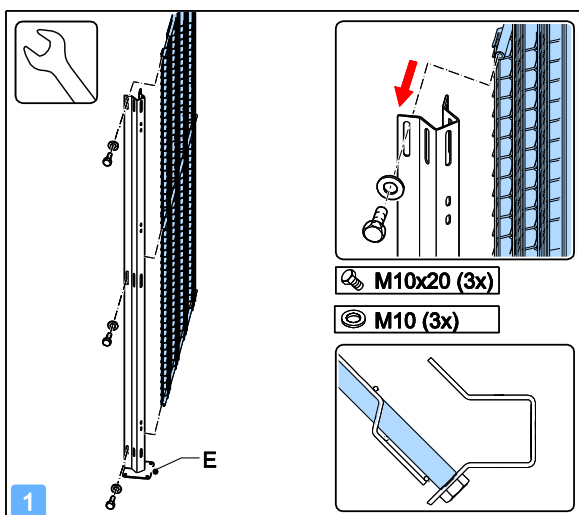


2.4 Heavy duty column

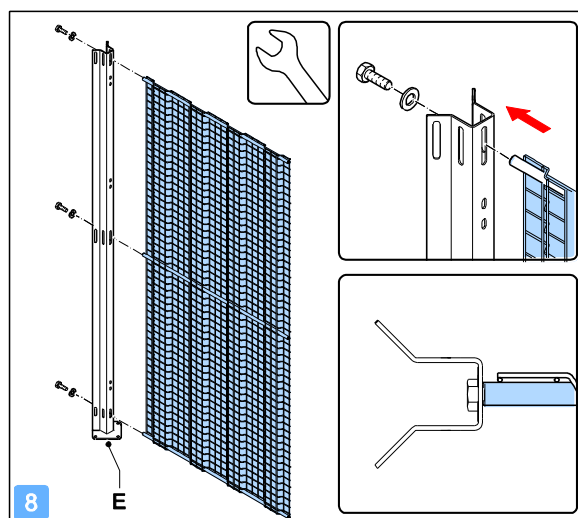
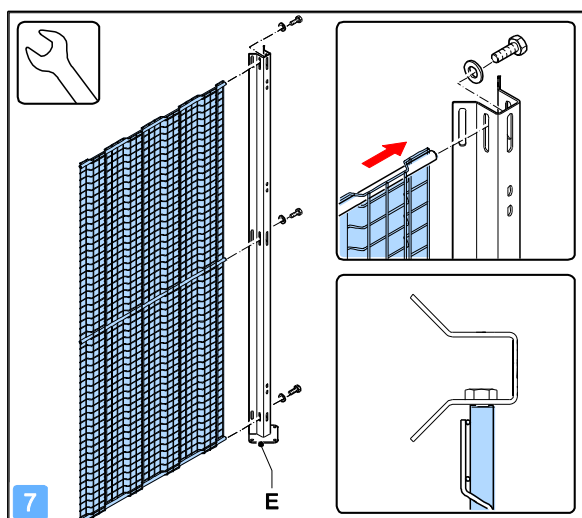
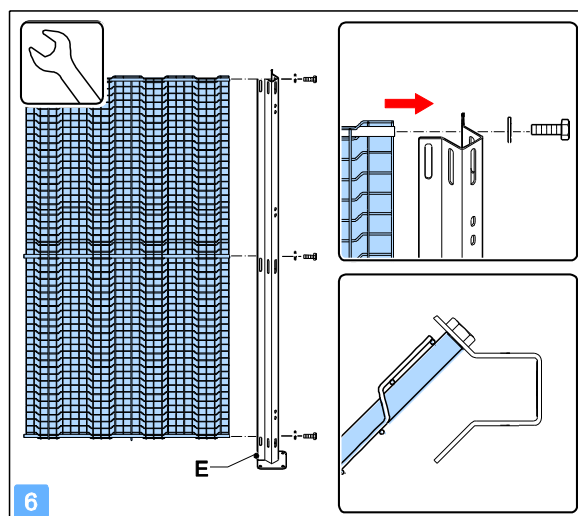
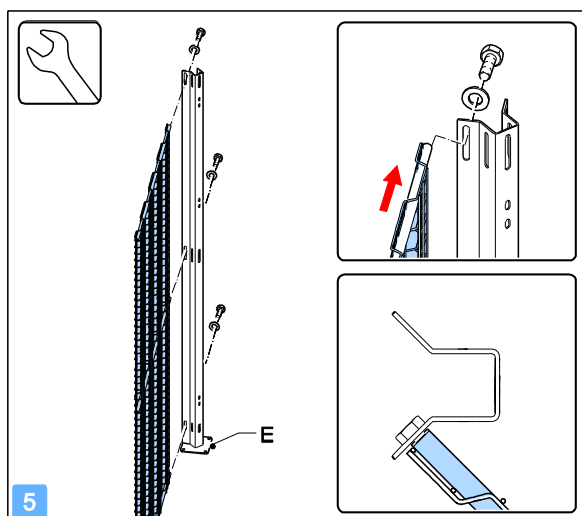


Parts list heavy duty column					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
E		AE0005461	AE0007800	Column heavy duty	H= 2255

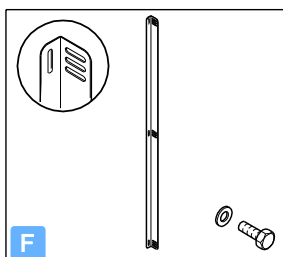
Different mounting positions of wire mesh panel 1/2



Different mounting positions of wire mesh panel 2/2

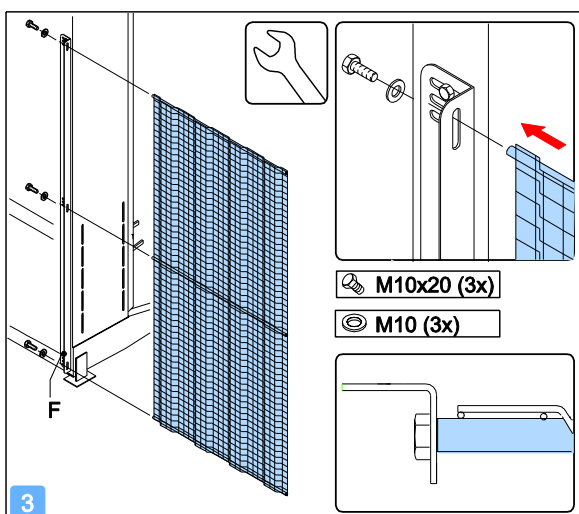
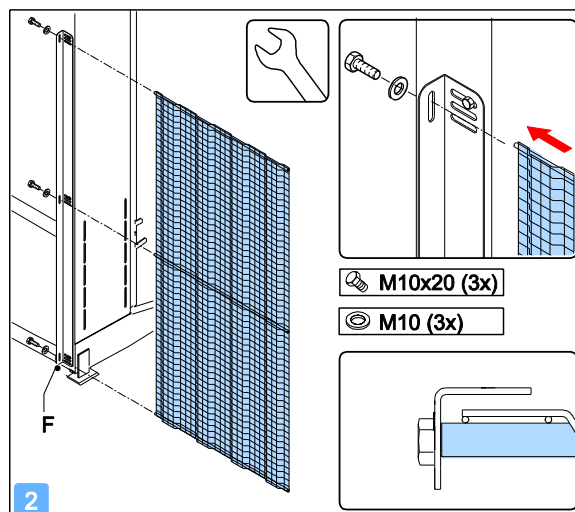
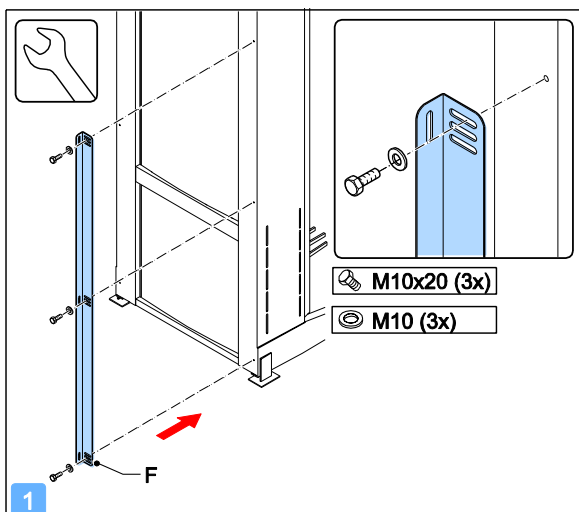


2.5 Machine mounted column

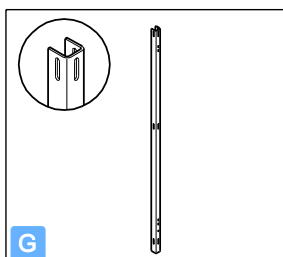


Parts list machine mounted column					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
F		1002442	1002445	Machine mounted L-channel	H=2120

Assembling

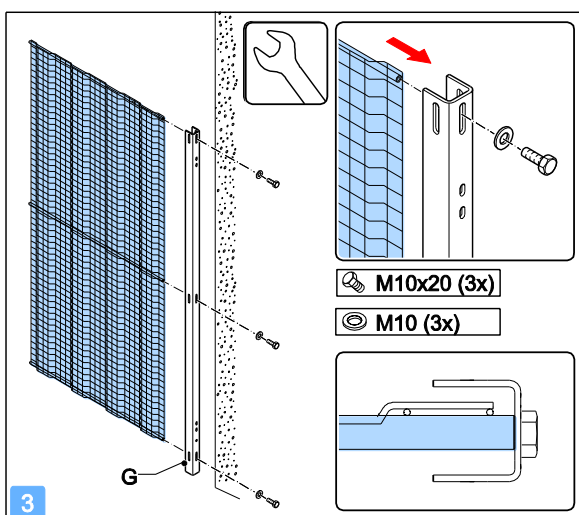
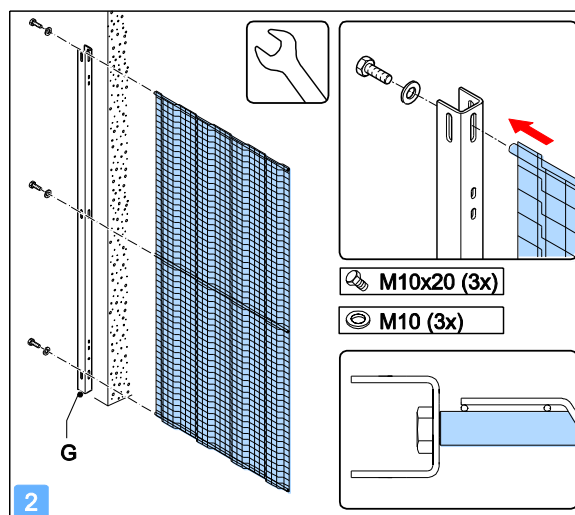
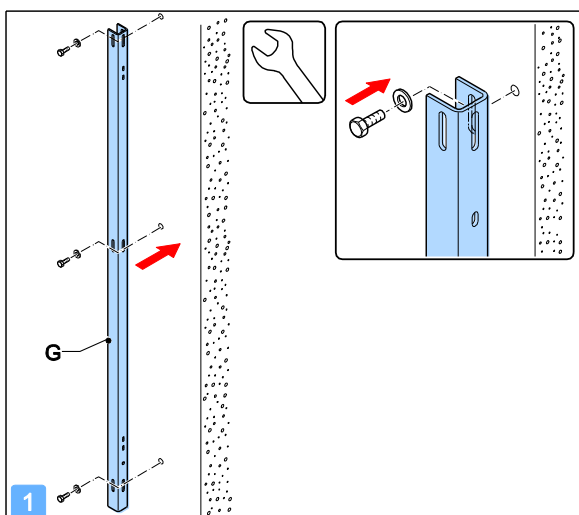


2.6 Wall mounted column

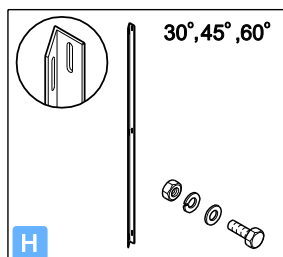


Parts list wall mounted column					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
G		1006156	AE0000573	Column without base plate	H=2150

Assembling



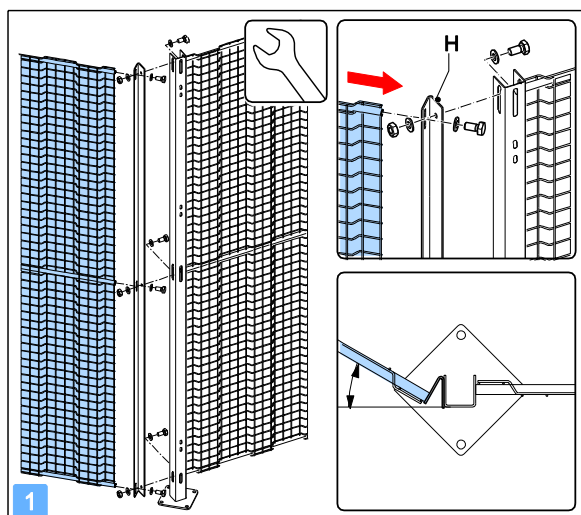
2.7 Alternatieve corners - fixed



Parts list alternatieve corners-fixed

Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
H		1004231	1004236	Profile 30°	H=2174 incl. fasteners
		1004233	1004237	Profile 45°	H=2174 incl. fasteners
		1004234	1004238	Profile 60°	H=2174 incl. fasteners

Assembling

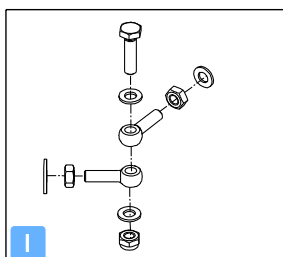


M10x20 (6x)

M10 (9x)

M10 (3x)

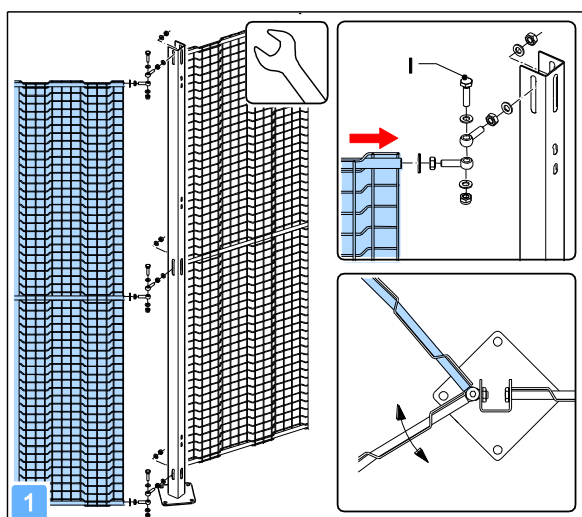
2.8 Alternatieve corners - adjustable



Parts list alternatieve corners - adjustable

Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
I		1000308	1006573	Corner eyebolt set	

Assembling



 M10x40 (6x)

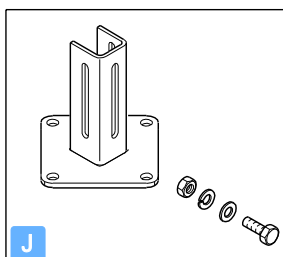
 M10x40 (3x)

 M10 (12x)

 M10-3D (3x)

 M10 (12x)

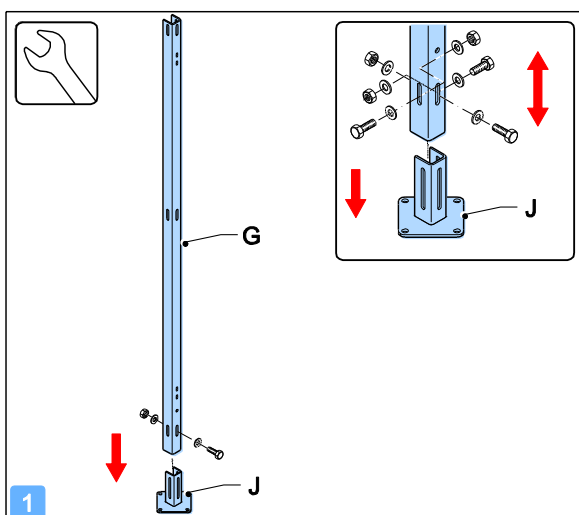
2.9 Adjustable column



Parts list adjustable column

Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
G		1006156	AE0000573	Column without base plate	H=2150
J		AE0006152	AE0007807	Foot adjustable column	incl. fasteners

Assembling

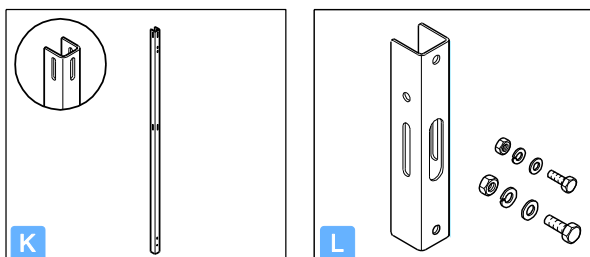


 M10x20 (3x)

 M10 (6x)

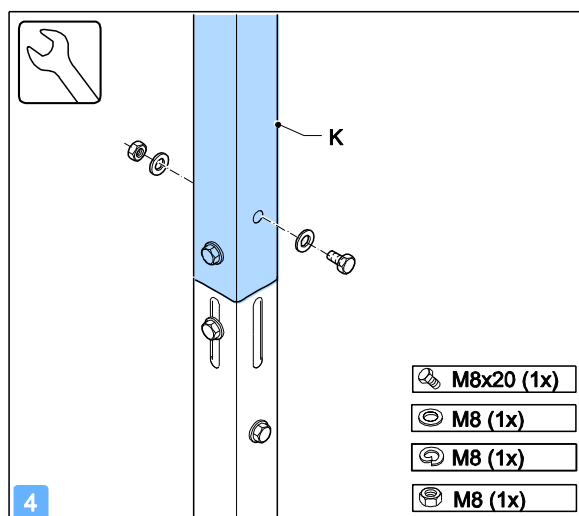
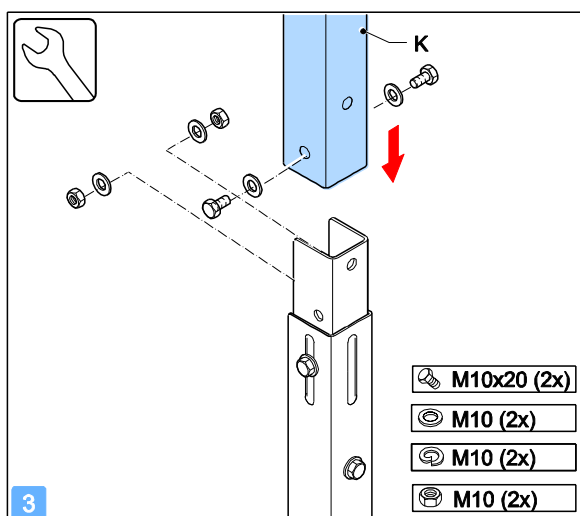
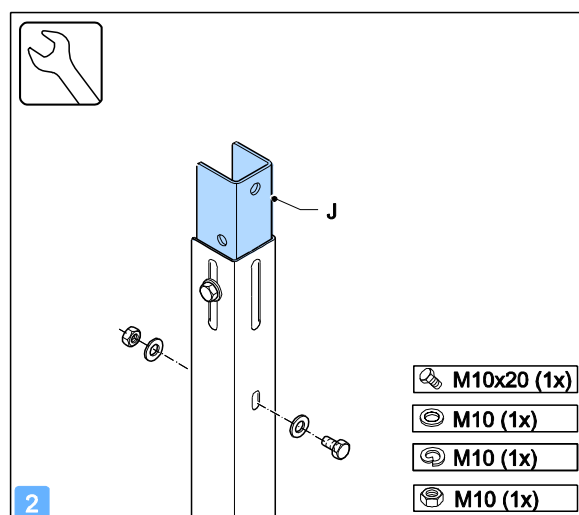
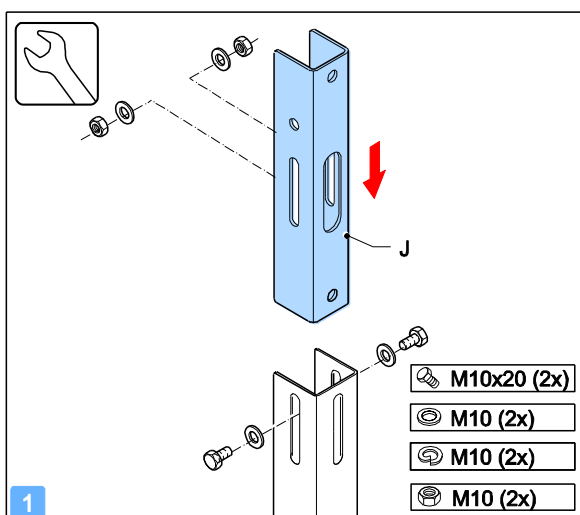
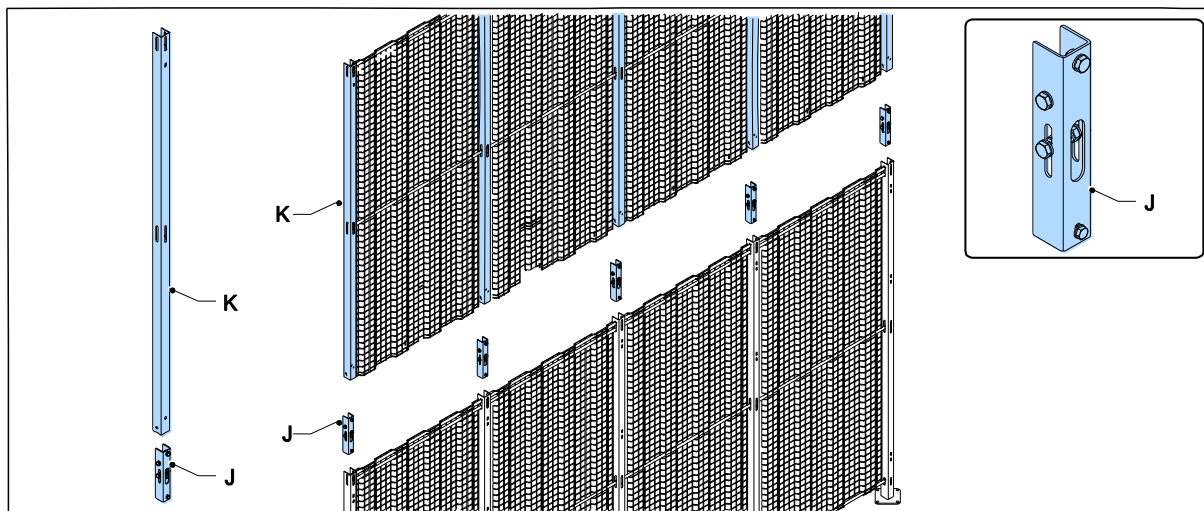
 M10 (3x)

2.10 Stacking columns



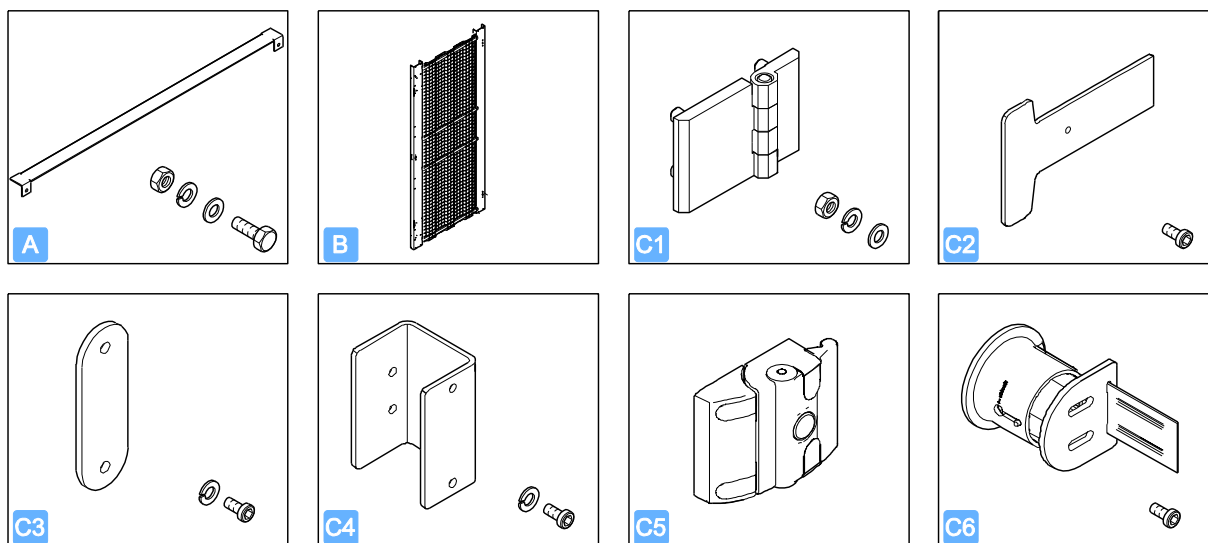
Parts stacking columns					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
K		AE0006282	AE0007804	Extender column	H= 2130
		AE0006283	AE0007814	Extender column	H= 1030
L		AE0006257	AE0007811	Coupling piece column	incl. fasteners

Assembling



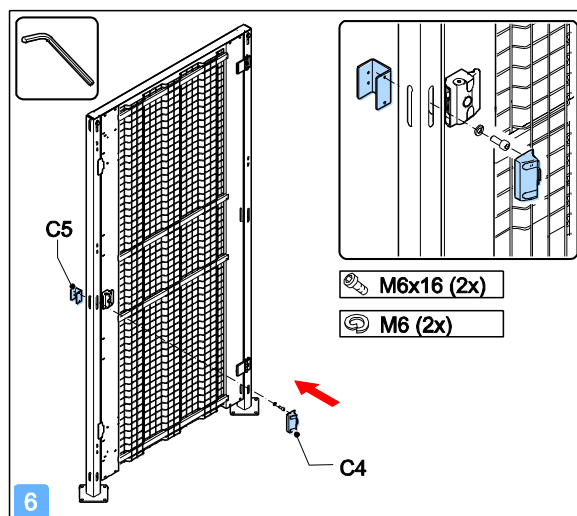
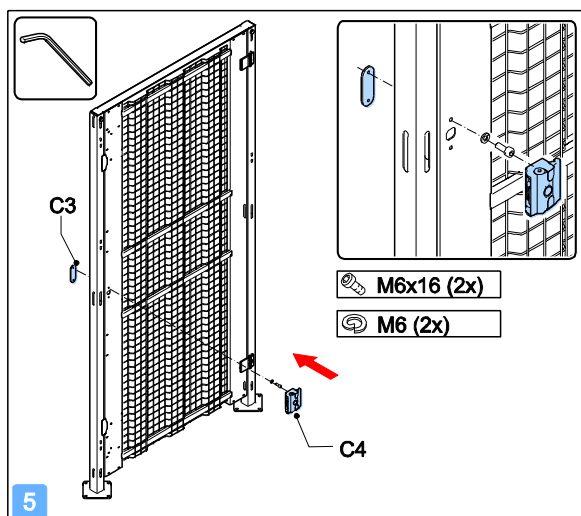
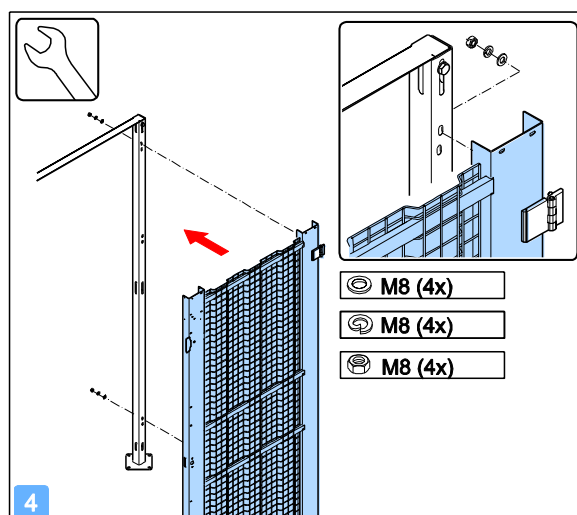
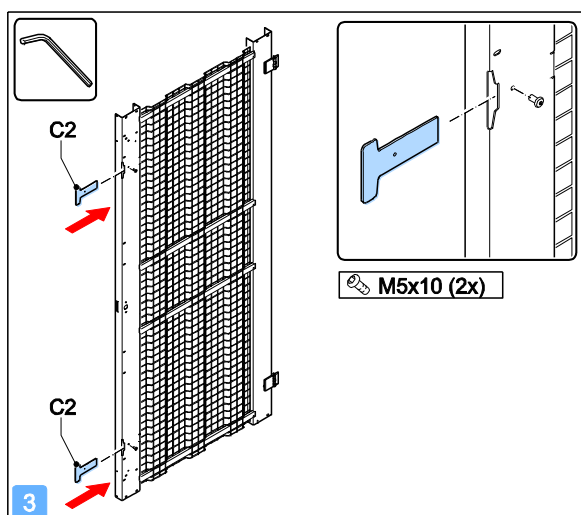
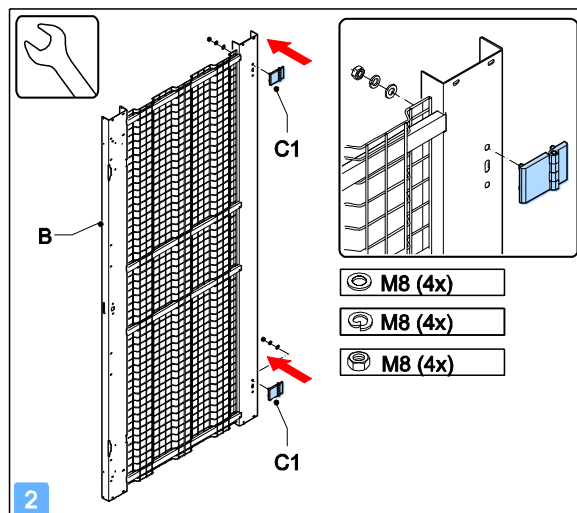
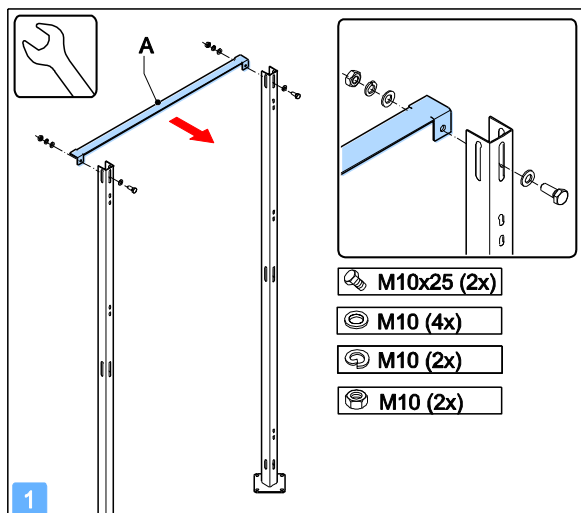
3 Single hinged door

3.1 Assembling single hinged door

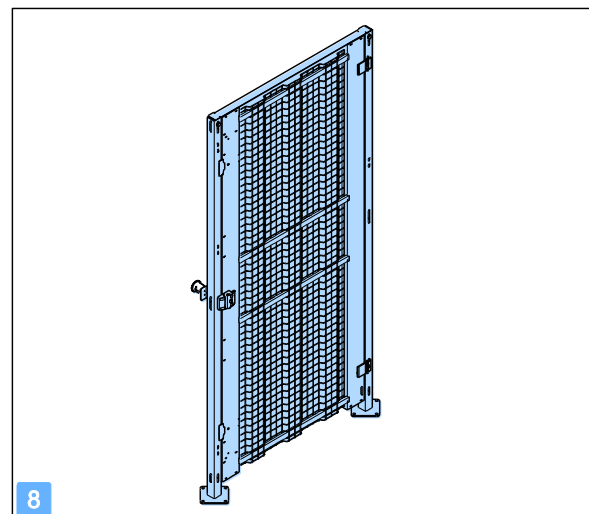
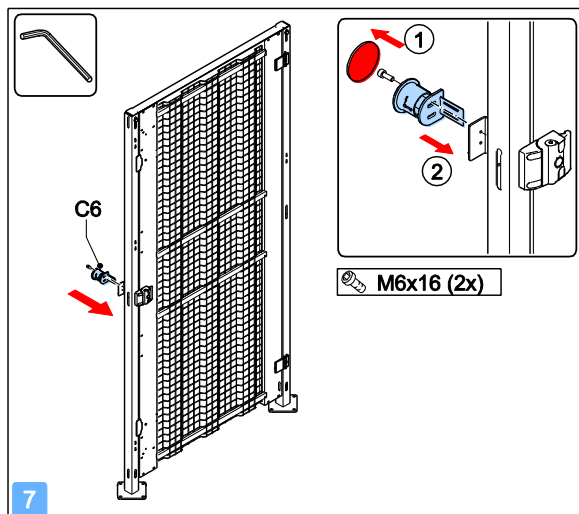


Parts list single hinged door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	1005058	AE0005126	Lintel	W=730
	1	1005060	AE0005140	Lintel	W=990
	1	1005575	AE0005139	Lintel	W=1240
B	1	1005083	AE0005127	Door	W=730
	1	1005084	AE0005135	Door	W=990
	1	1005570	AE0005129	Door	W=1240
C	1	1005076	AE0005172	Mounting set incl. lock	
C1	2	1005077	1005077	ScREW-on hinge 60 x 90	
C2	2	1005057	AE0005173	Door stopper	
C3	1	1004964	AE0005169	Treaded plate 2 x M6	
C4	1	1005067	1005067	Door latch incl. lock	
C5	1	1005065	AE0005239	Bracket emergency opener	
C6	1	1005068	1005068	Emergency opener door lock	

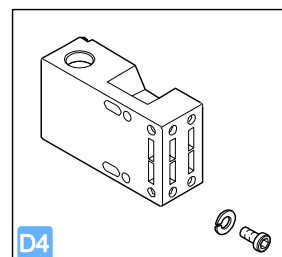
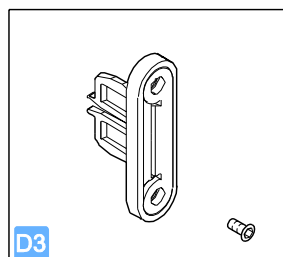
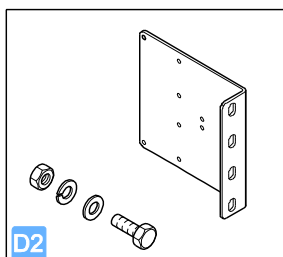
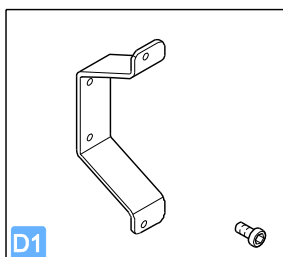
Assembling single hinged door 1/2



Assembling single hinged door 2/2

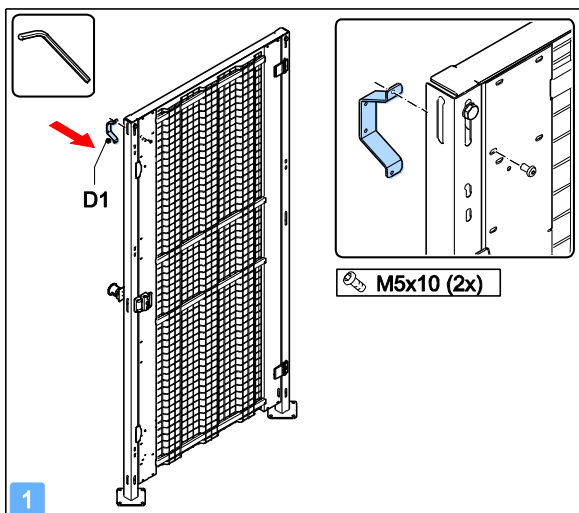


3.2 Mounting door switch on column

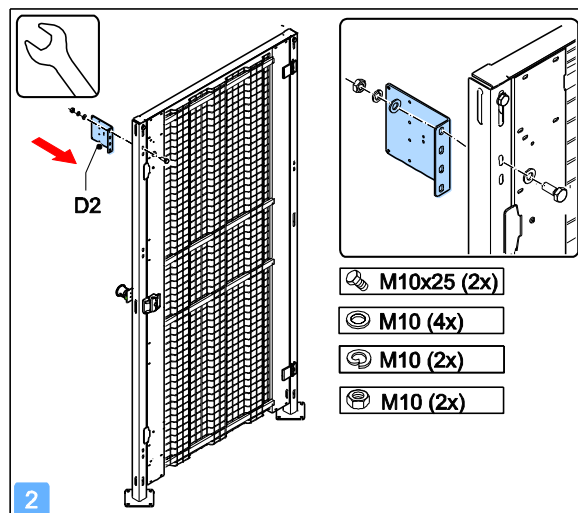


Parts list door switch on column					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
D	1	1005087	AE0005178	Mounting set door switch	
D1	1	1005063	AE0005175	Bracket actuator AZ16/AZM161	
D2	1	1005062	AE0005179	Bracket switch AZ16/AZM161	on column
D3	1	1000898	1000898	Straight actuator AZ 15/16-B1	
D4	1	1000355	1000355	Switch AZ 16-02ZVK	

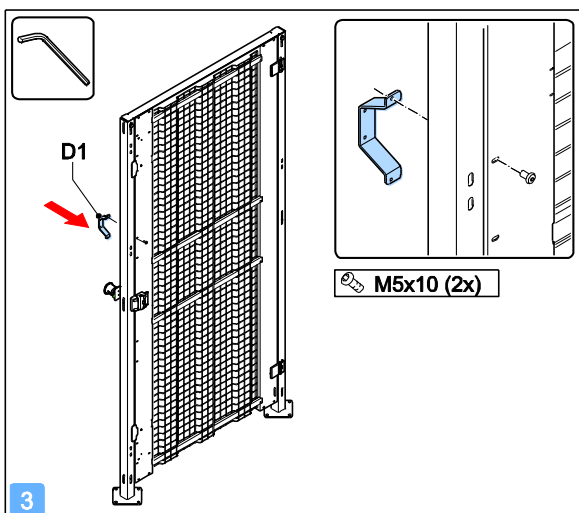
Mounting door switch on column



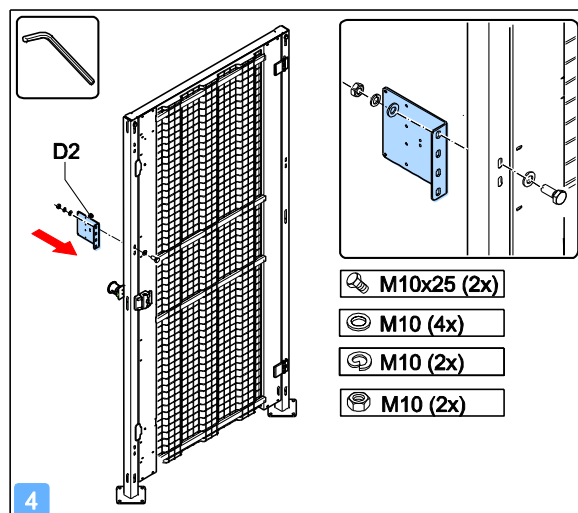
1st position



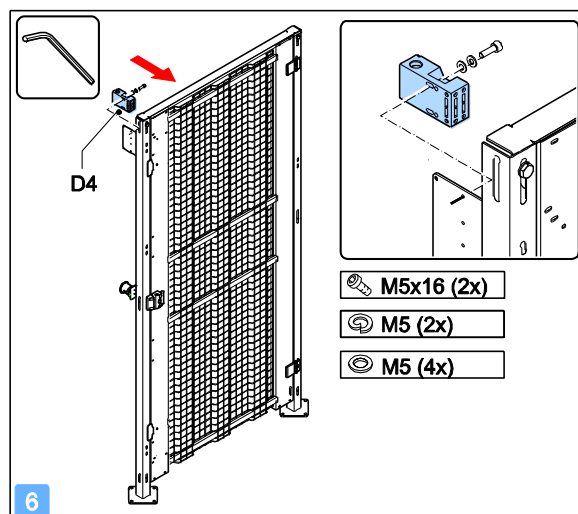
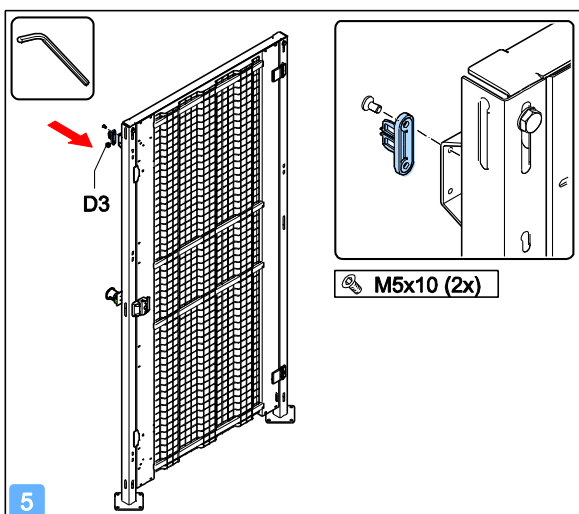
1st position



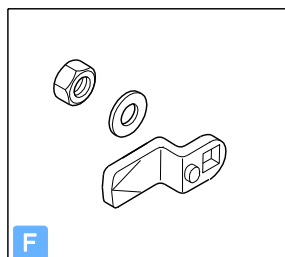
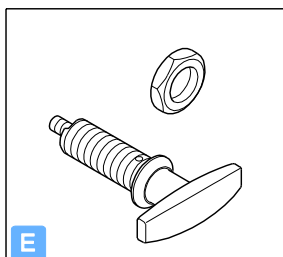
2nd position



2nd position

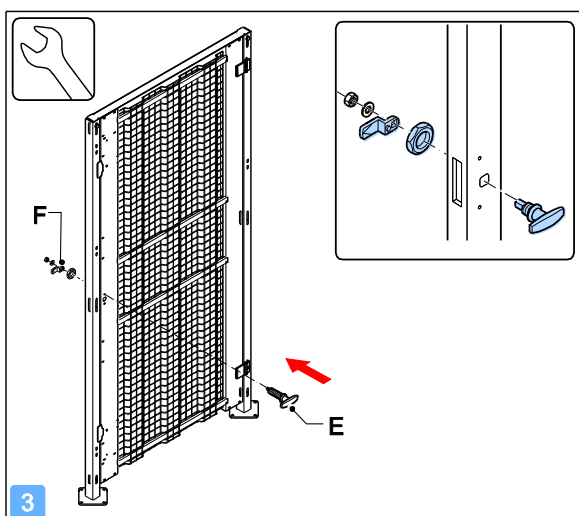
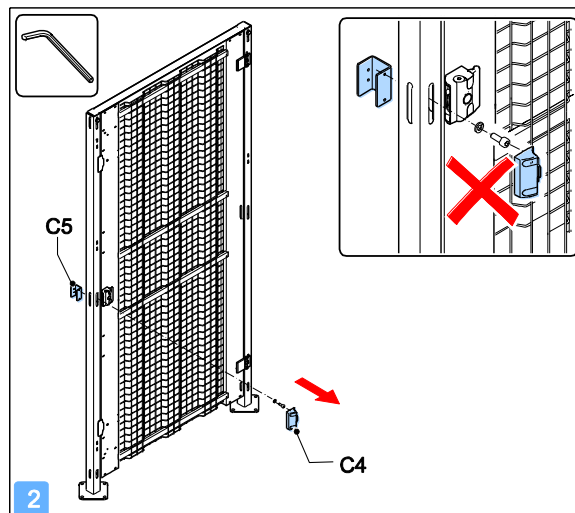
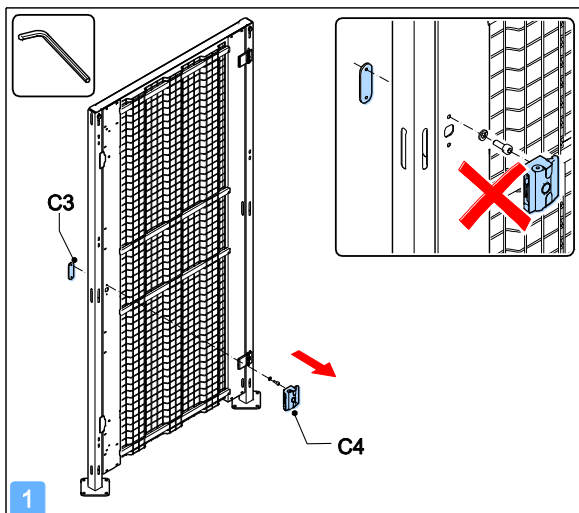


3.3 Fitting hinged door with T-Grip



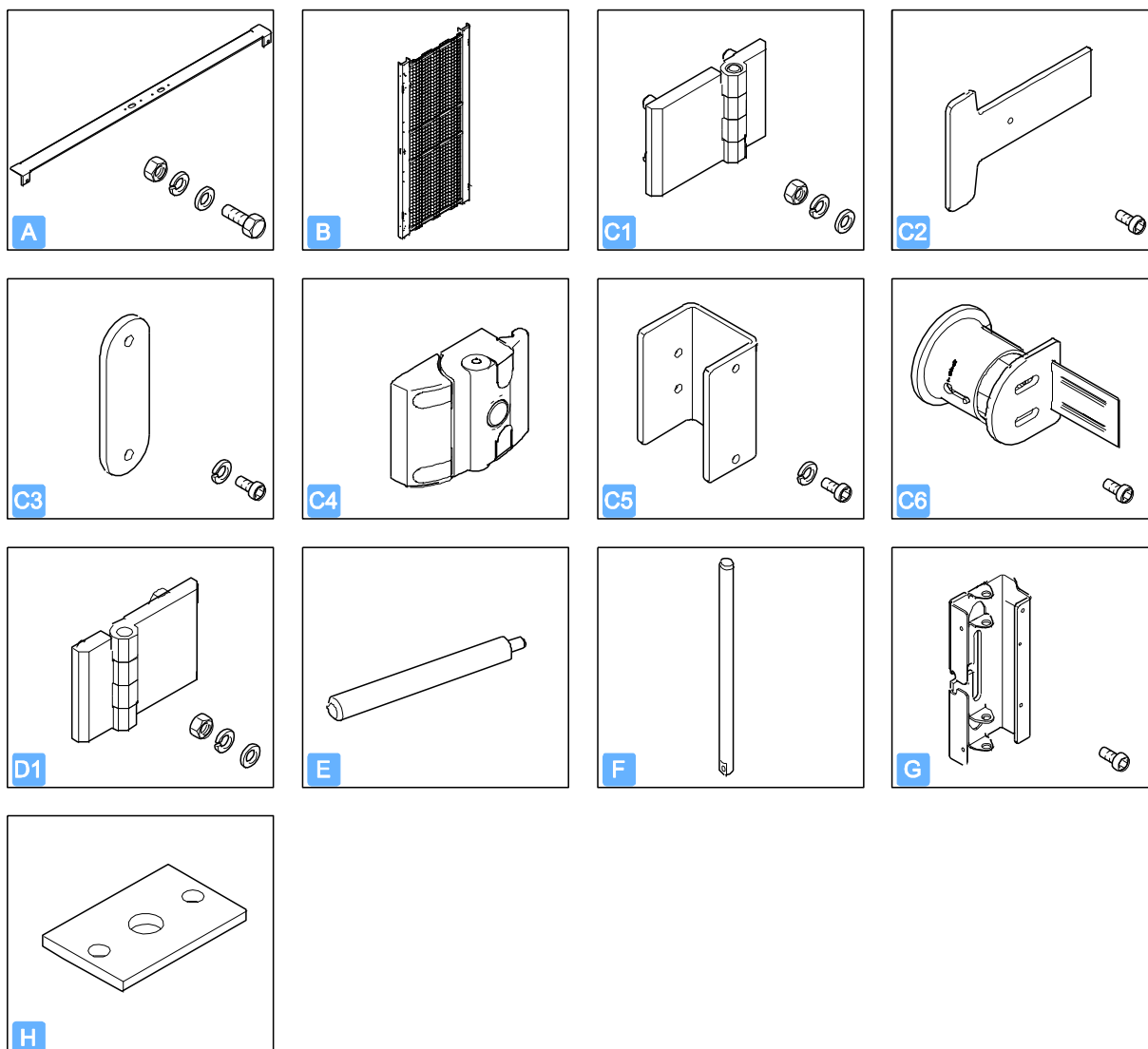
Parts list T-Grip (Optional)

Pos	Qty.	Part number Steel	Part number Stainless	Description (parts)	Notes
E		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
F		AE0007817	AE0007817	Locking cam for single door	



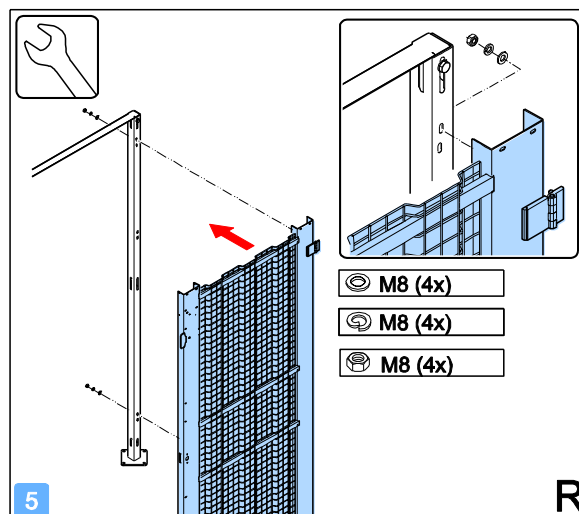
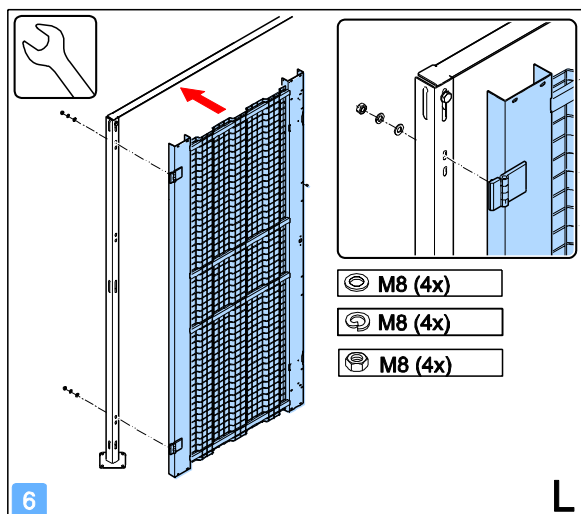
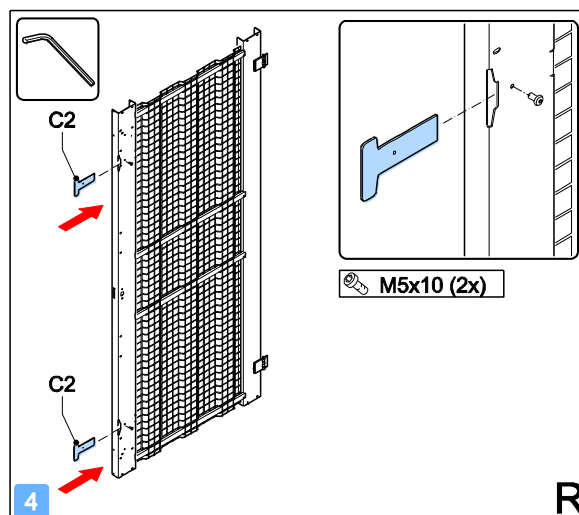
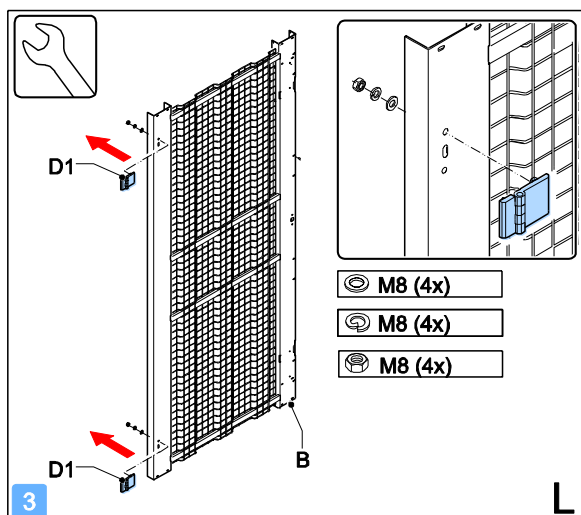
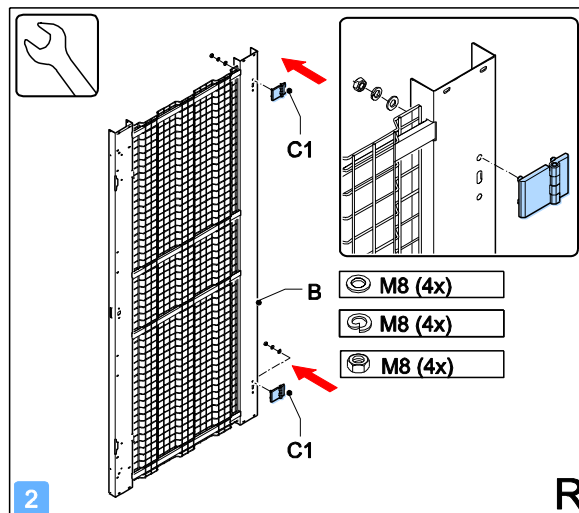
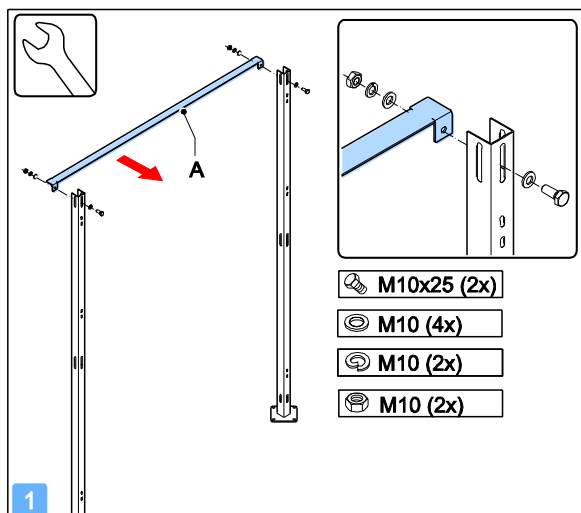
4 Double hinged door

4.1 Assembling double hinged door

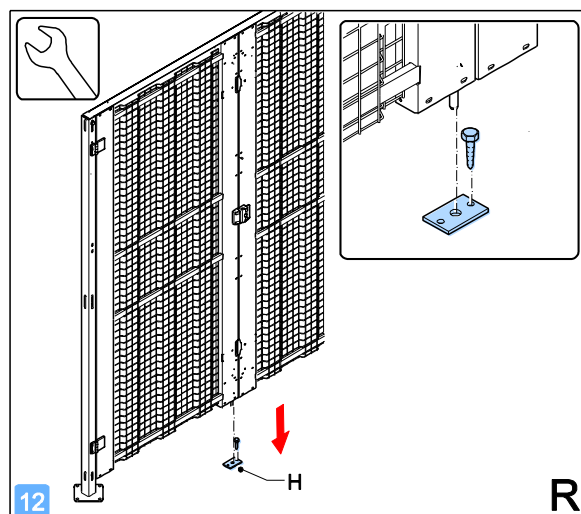
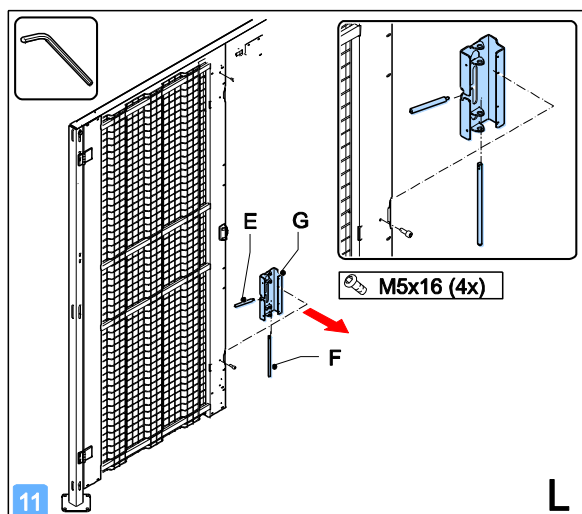
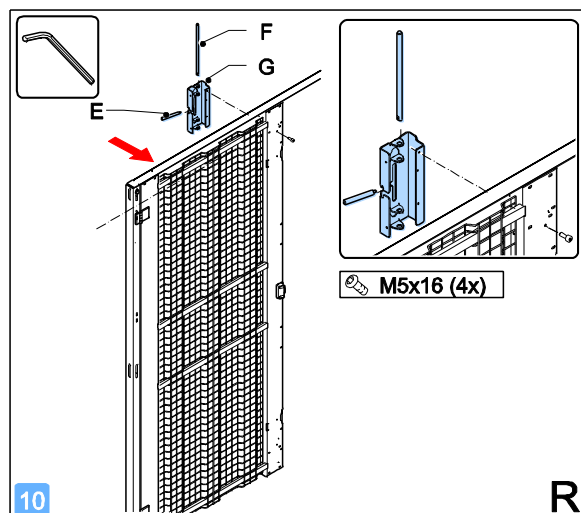
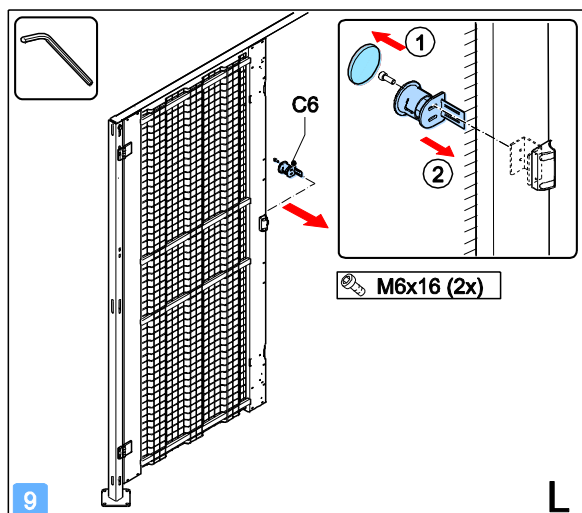
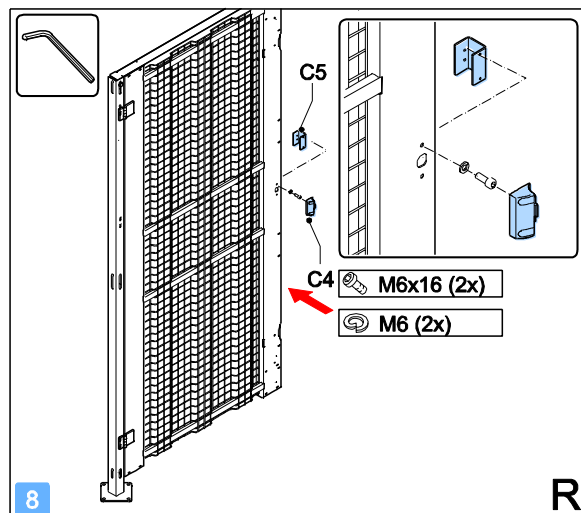
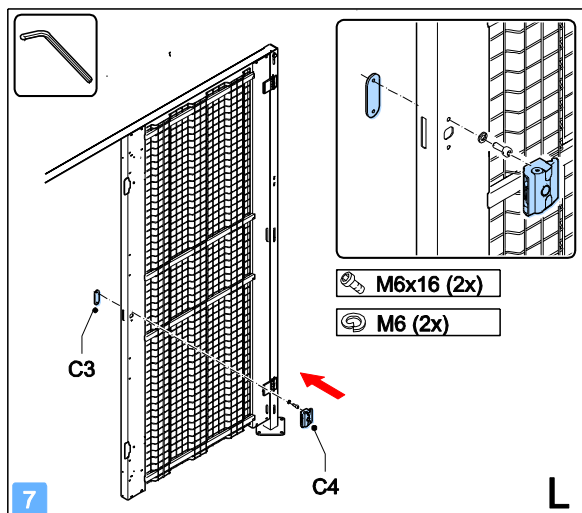


Parts list double hinged door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	1005534	AE0005133	Lintel	W=1455 (730+730)
	1	1005060	AE0005132	Lintel	W=1715 (990+730)
	1	1005575	AE0005134	Lintel	W=1975 (990+990)
	1	1005543	AE0005131	Lintel	W=2225(1240+990)
B	1	1005083	AE0005127	Door	W=730
	1	1005084	AE0005135	Door	W=990
	1	1005570	AE0005129	Door	W=1240
C	1	1005076	AE0005172	Mounting set incl. lock	
C1	2	1005077	1005077	Scew-on hinge 60 x 90	
C2	2	1005057	AE0005239	Door stopper	
C3	1	1004964	AE0005169	Treaded plate 2 x M6	
C4	1	1005067	1005067	Door latch incl. lock	
C5	1	1005065	AE0005239	Bracket emerg. opener	
C6	1	1005068	1005068	Emerg. opener door lock	
D	1	1005537	AE0005181	Mount. set double door	Complement
D1	2	1005077	1005077	Scew-on hinge 60 x 90	
E	2	1005471	AE0005198	Locking pin handle	
F	2	1005472	AE0005189	Locking pin	
G	2	1005473	AE0005197	Locking pin guide	
H	1	1000229	1000229	Ground plate locking pin	

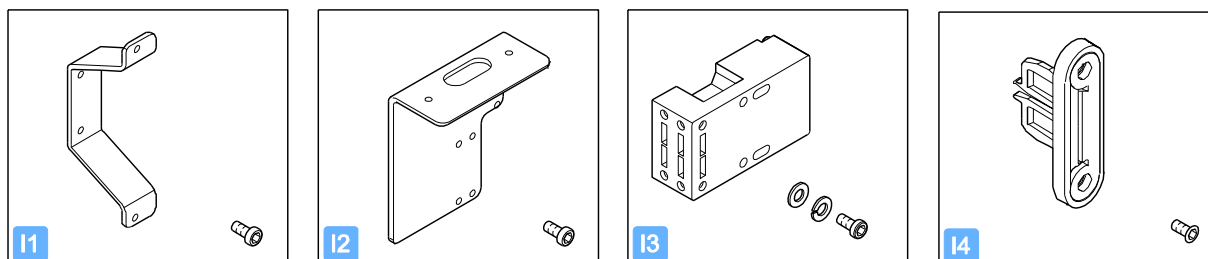
Assembling double hinged door 1/2



Assembling double hinged door 2/2

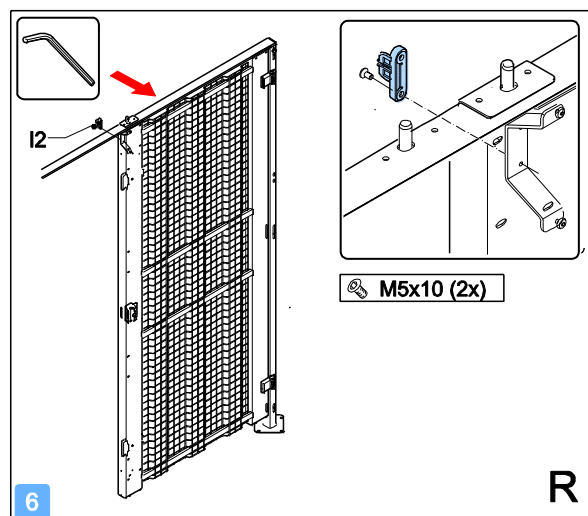
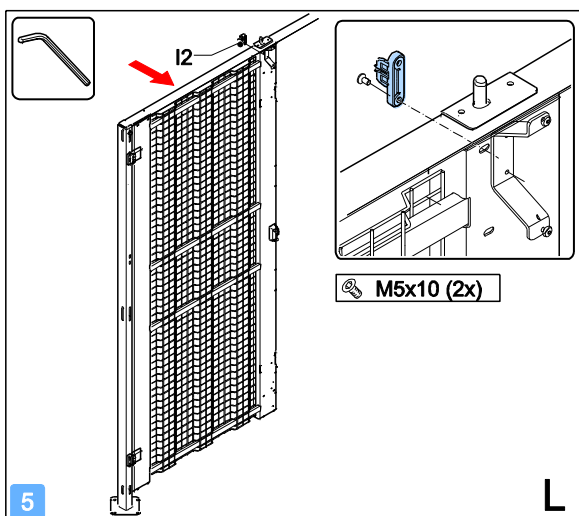
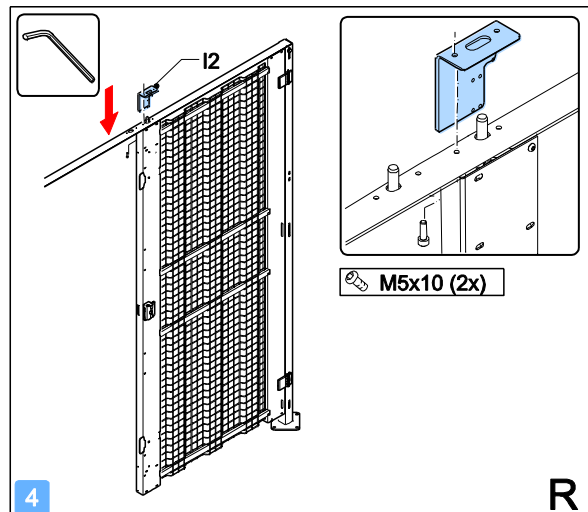
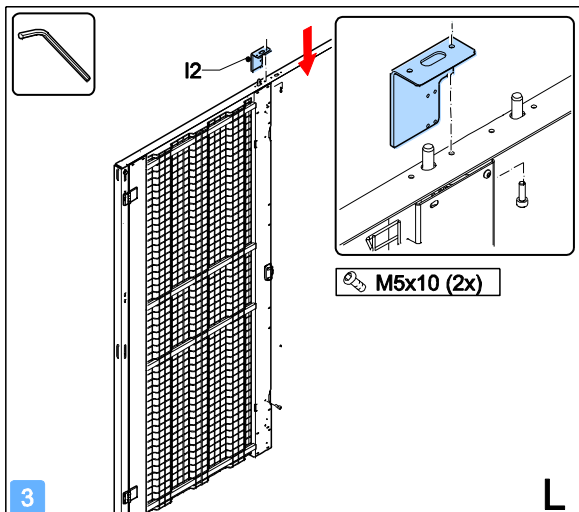
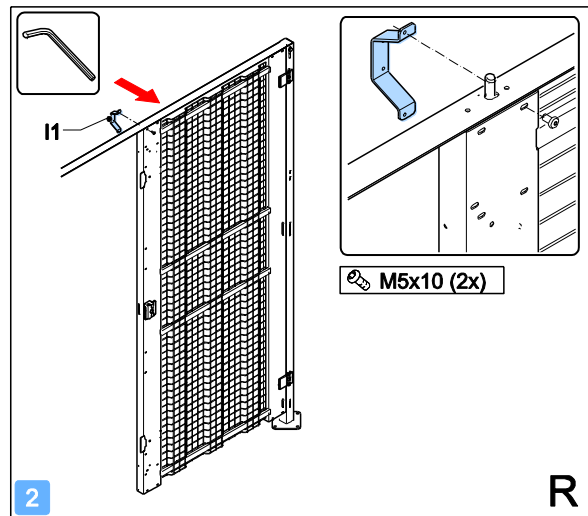
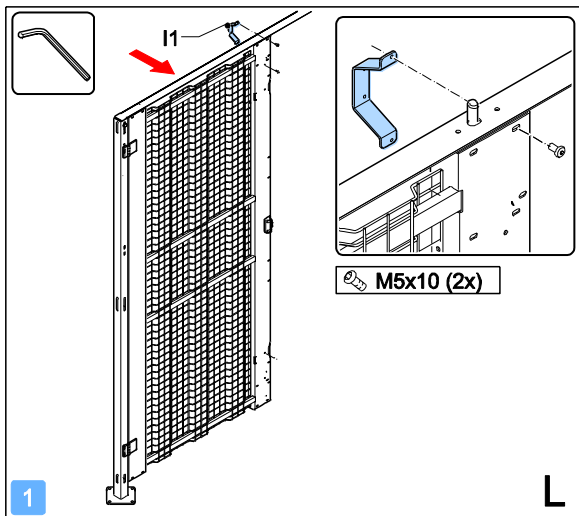


4.2 Mounting door switches on lintel

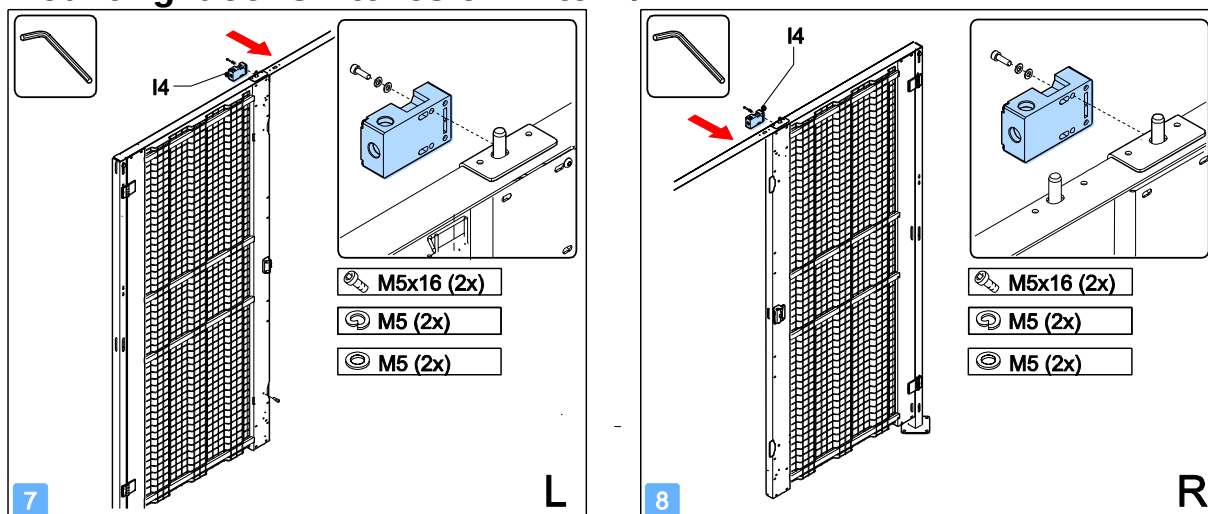


Parts list door switches on lintel					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
I	1	1005603	AE0005183	Mounting set door switch	double door lintel
I1	2	1005063	AE0005175	Bracket actuator AZ16/AZM161	
I2	2	1005601	AE0005184	Bracket switch AZ16/AZM161	on lintel
I3	2	1000898	1000898	Straight actuator AZ15/16-B1	
I4	2	1000355	1000355	Switch AZ 16-02ZVK	

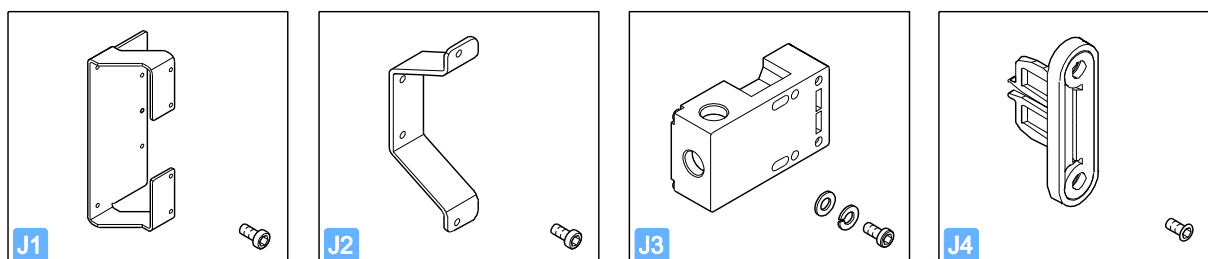
Mounting door switches on lintel 1/2



Mounting door switches on lintel 2/2



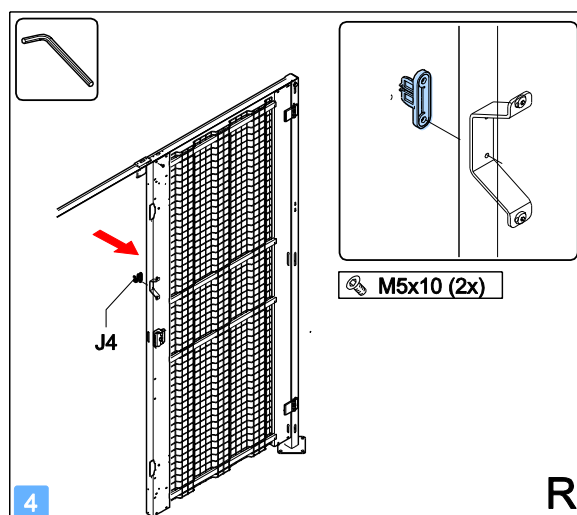
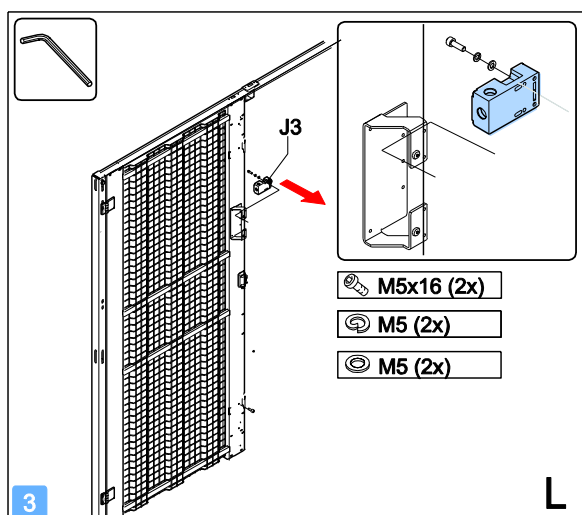
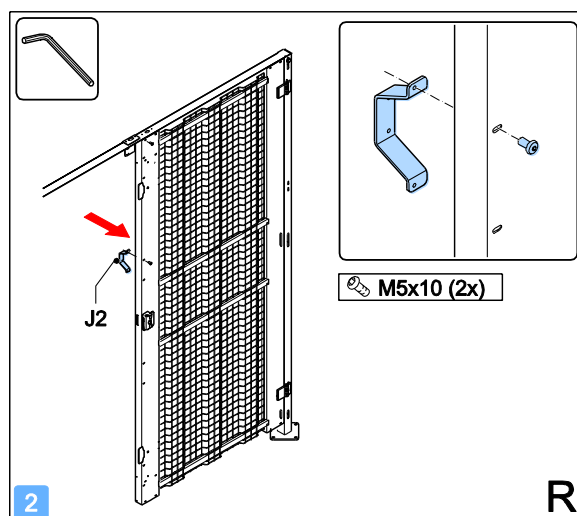
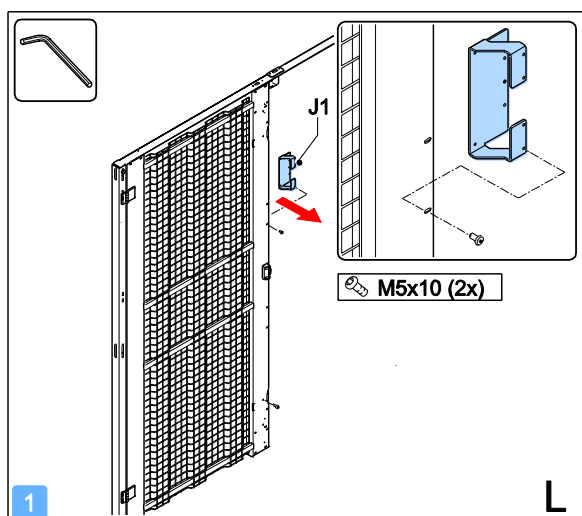
4.3 Mounting door switches on door panel



Parts list door switches on door panel

Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
J	1	1005604	AE0005186	Mounting set door switch	double door
J1	1	1005602	AE0005180	Bracket switch AZ16/AZM161	on door panel
J2	2	1005063	AE0005175	Bracket actuator AZ16/AZM161	
J3	1	1000355	1000355	Switch AZ 16-02ZVK	
J4	2	1000898	1000898	Straight actuator AZ15/16-B1	

Mounting door switch on door panel



4.4 Fitting the hinged door with the T-Grip

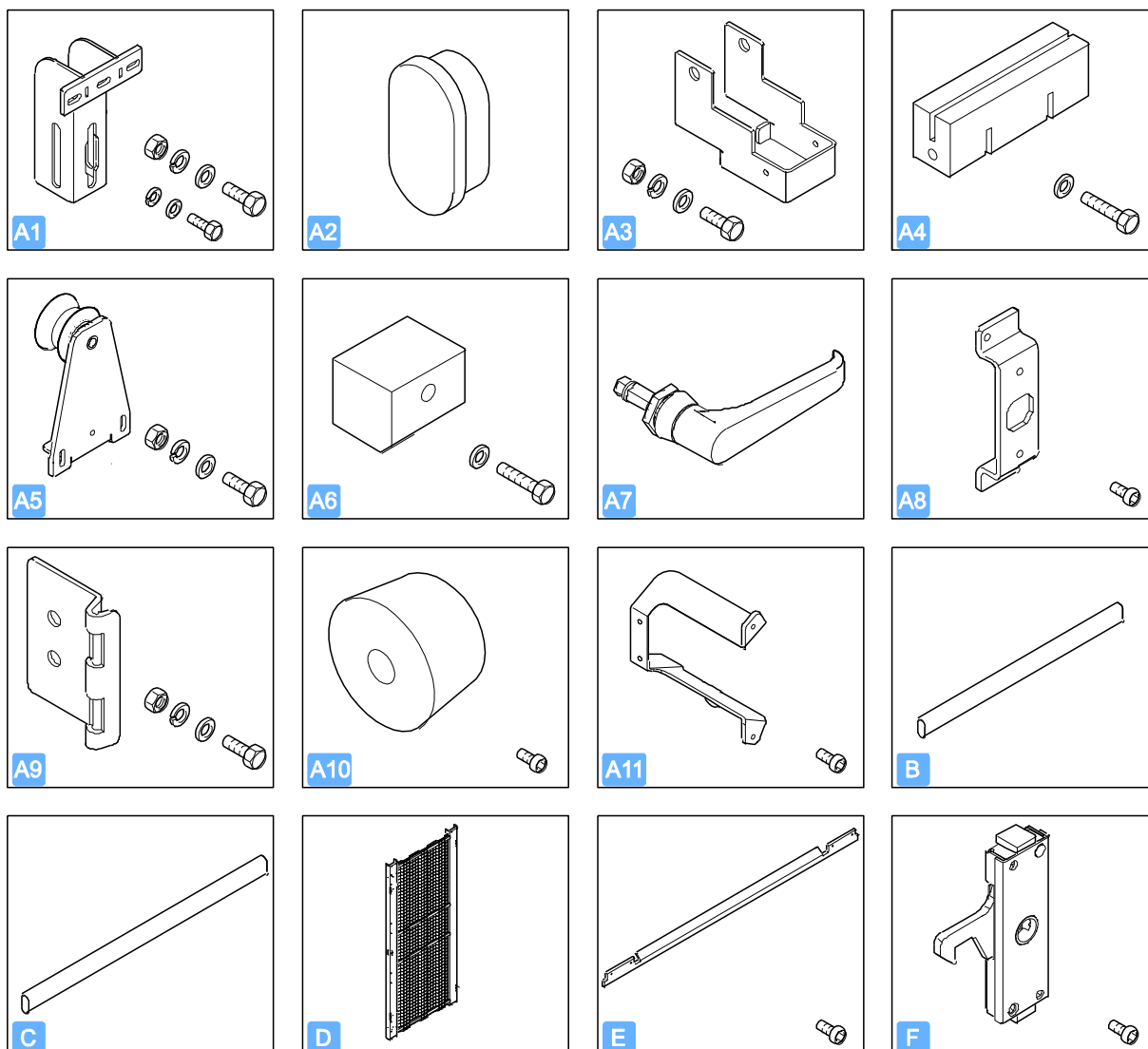
Refer to 3.3 for assembling instructions

Parts list T-Grip (Optional)

Pos	Qty.	Part number Steel	Part number Stainless	Description (parts)	Notes
		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
		AE0007726	AE0007726	Locking cam for double door	

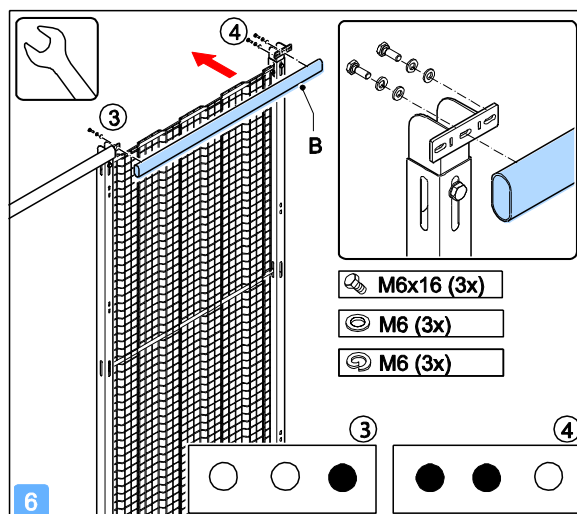
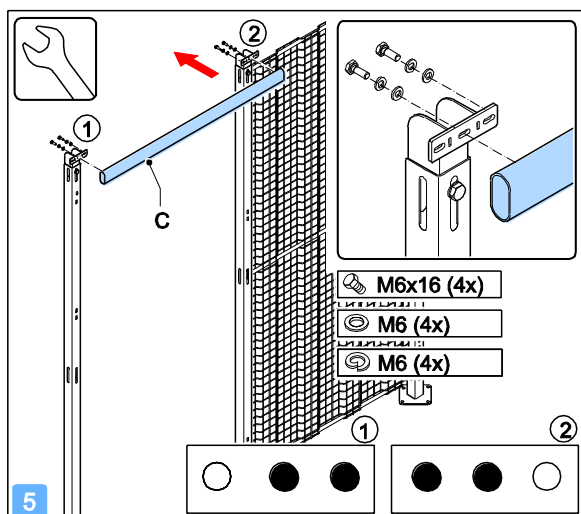
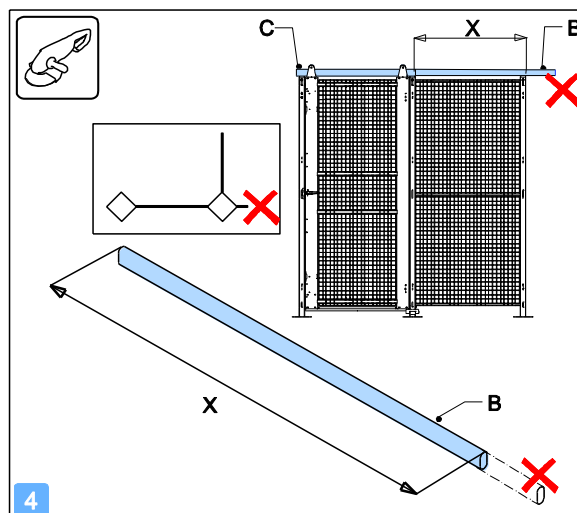
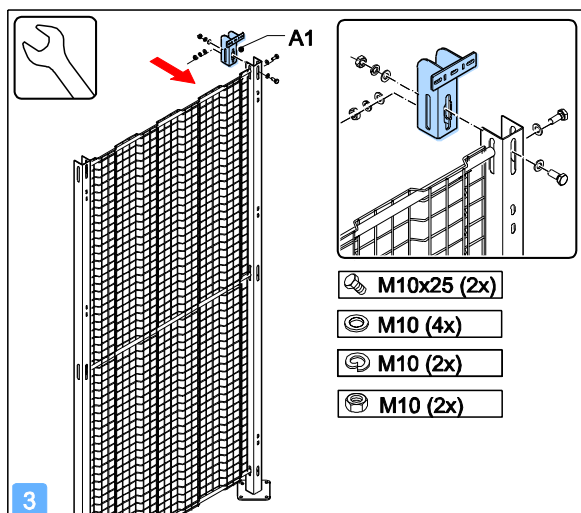
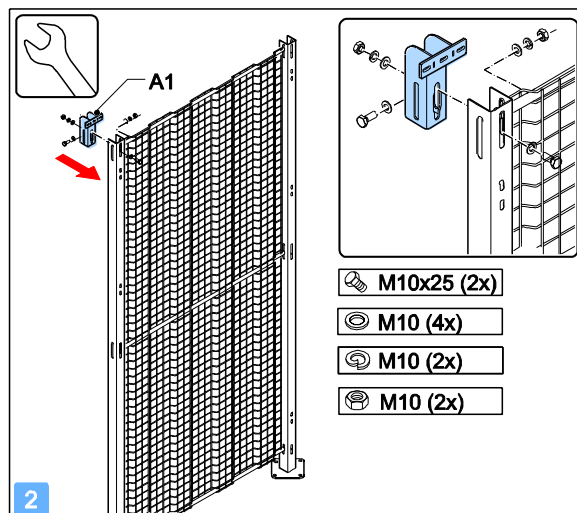
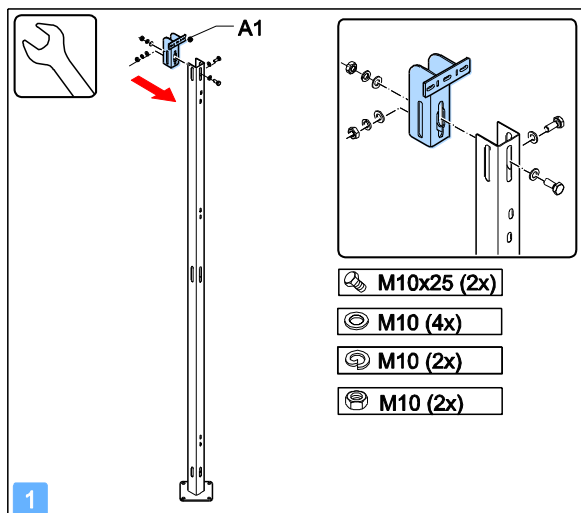
5 Single sliding door

5.1 Assembling single sliding door

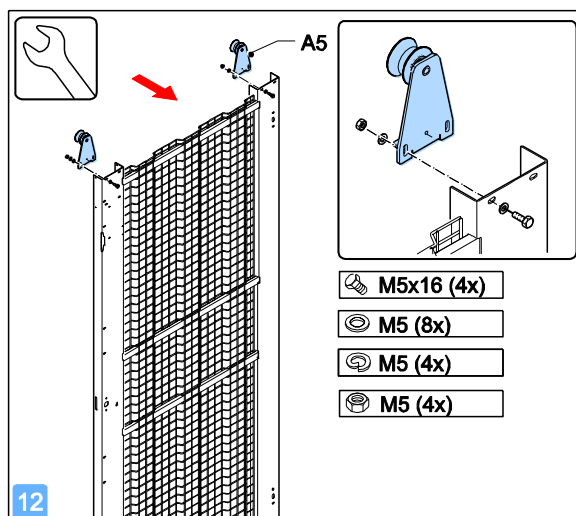
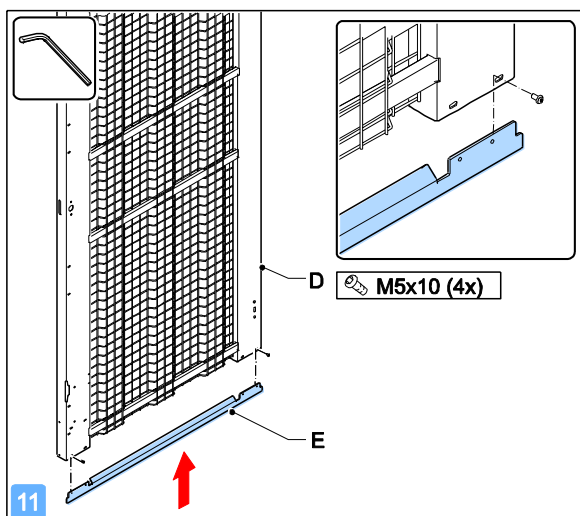
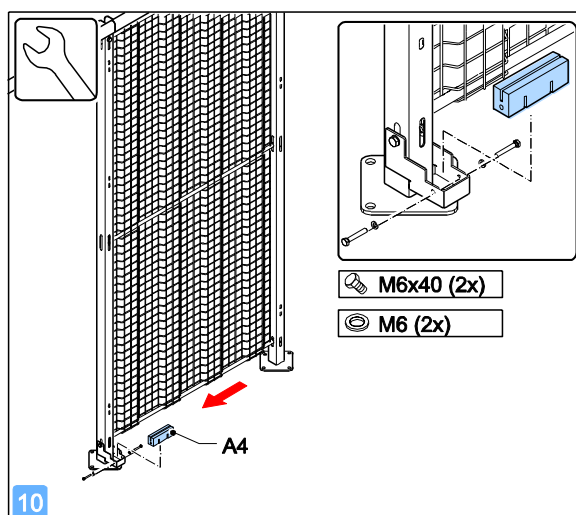
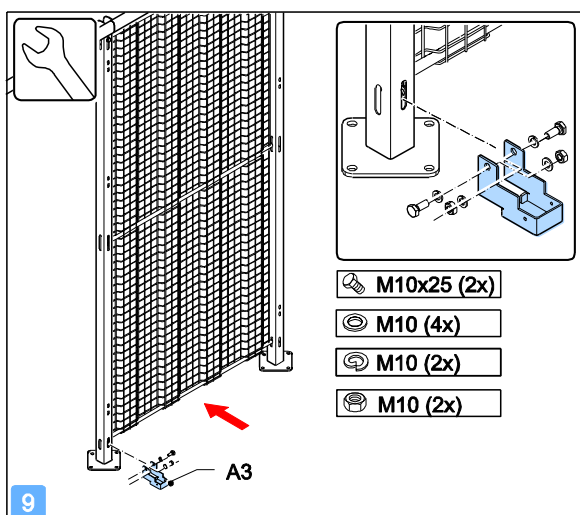
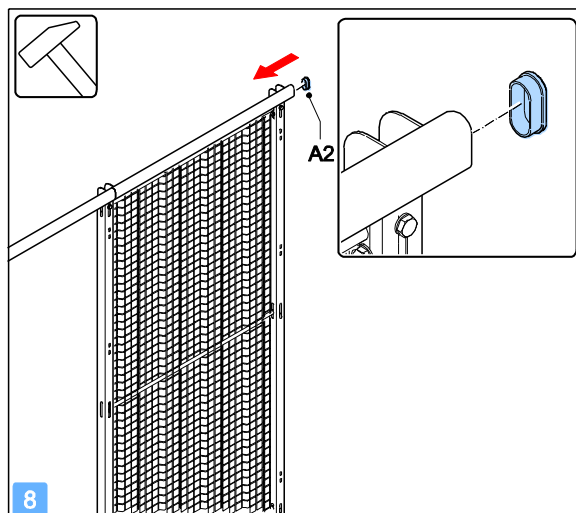
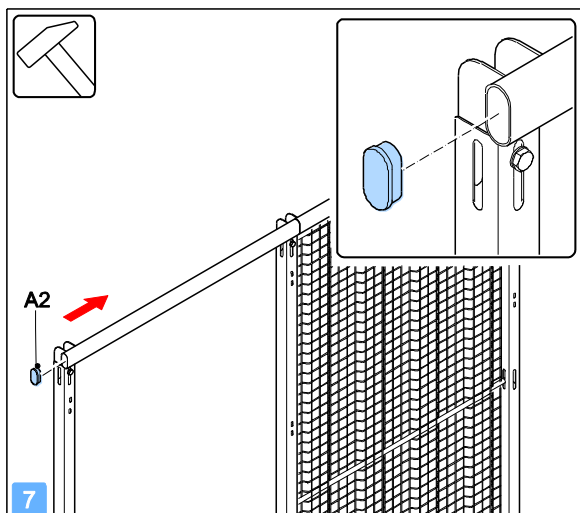


Parts list single sliding door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	AE0005206		Mounting set sliding door	
A1	3	AE0002917		Bracket rail sliding door	
A2	2	AE0008237	AE0008237	Tube cape oval 60 x 30	
A3	1	AE0002829		Bracket sliding door guide	
A4	1	AE0002827	AE0002827	Guiding block sliding door	
A5	2	AE0002897		Bracket inc wheel sliding door	
A6	2	AE0002895	AE0002895	Retainer block sliding door	
A7	1	1000280	1000280	L-grip	
A8	1	AE0002809		Spacer lock sliding door	
A9	1	AE0002830		Bracket hook sliding door	
A10	1	1004806	1004806	Protective buffer $\varnothing 20 \times 10$	
A11	1	AE0002828		Bracket actuator AZ16/AZM161	
B	1	AE0003747	AE0003747	Side rail sliding door	
C	1	AE0003756		Rail doorway sliding door	W=730
	1	AE0003749		Rail doorway sliding door	W=990
	1	AE0003757		Rail doorway sliding door	W=1240
D	1	1005083	AE0005127	Door	W=730
	1	1005084	AE0005135	Door	W=990
	1	1005570	AE0005129	Door	W=1240
E	1	AE0002815		Guidance sliding door	W=730
	1	AE0002814		Guidance sliding door	W=990
	1	AE0002816		Guidance sliding door	W=1240
F	1	1000307	1000307	Hooked latch sliding door	right
	1	1000304	1000304	Hooked latch sliding door	left

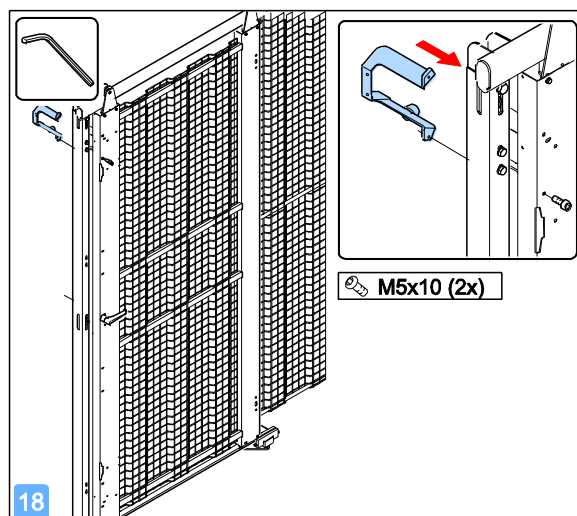
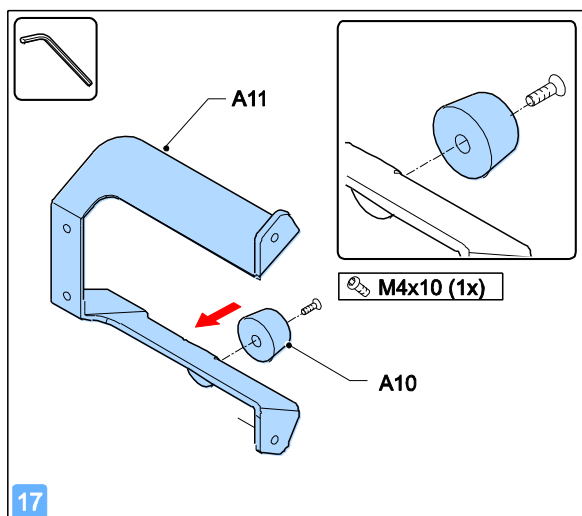
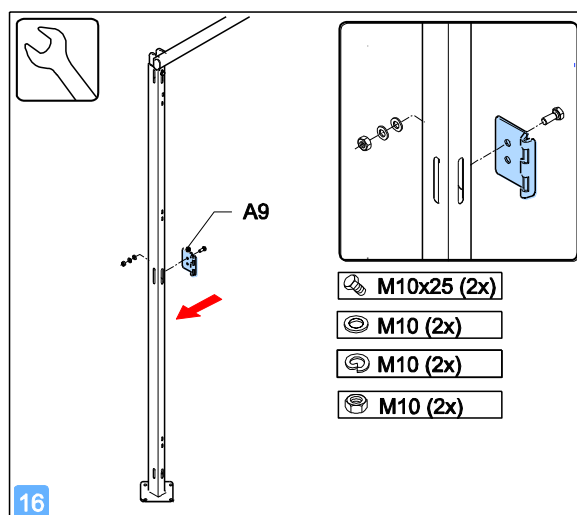
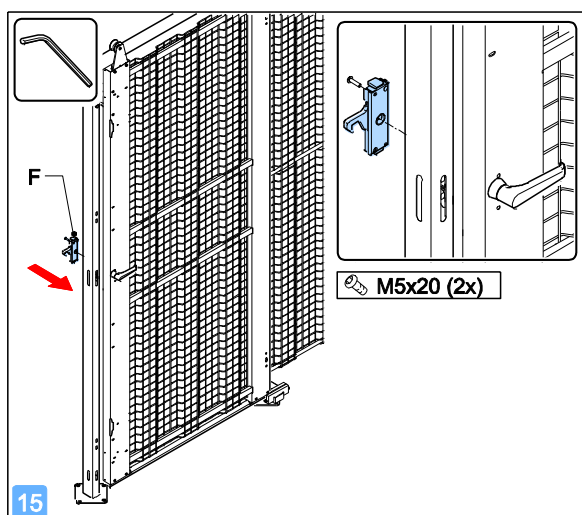
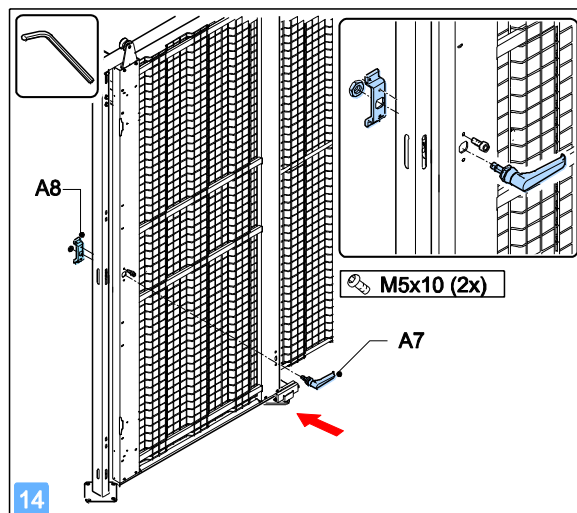
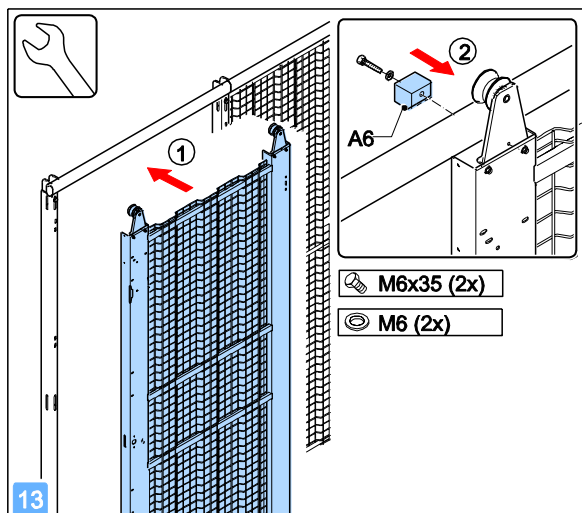
Assembling single sliding door 1/3



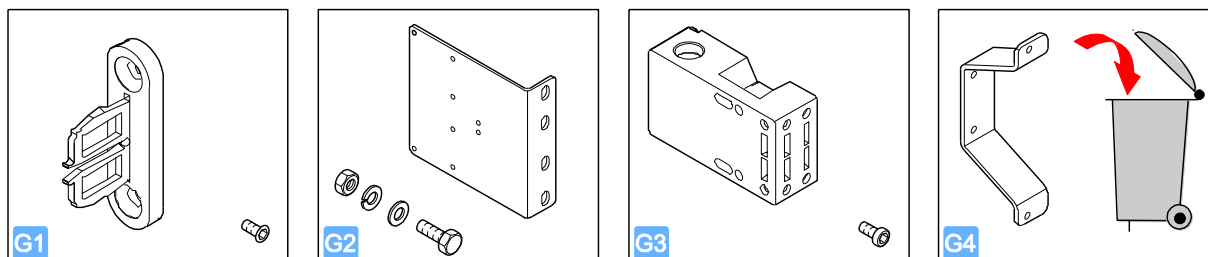
Assembling single sliding door 2/3



Assembling single sliding door 3/3

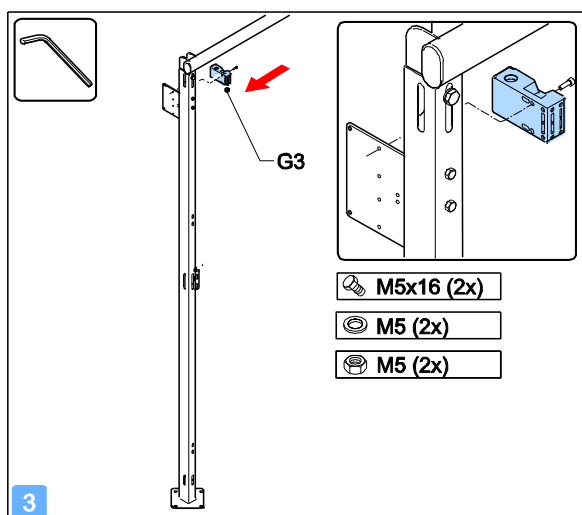
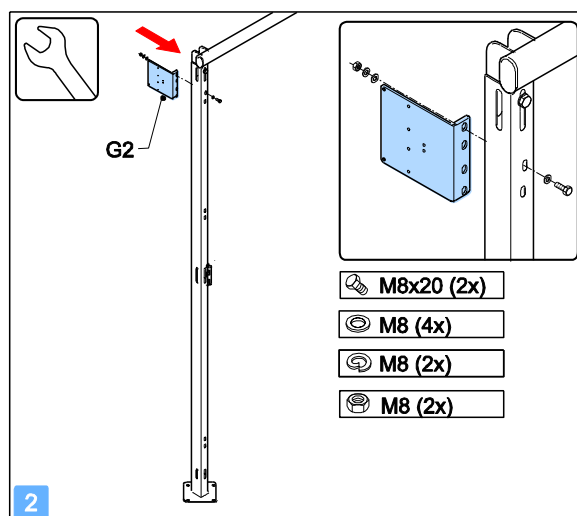
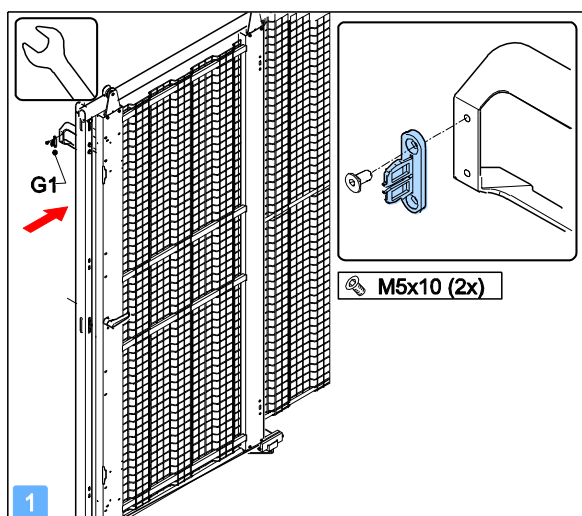


5.2 Mounting door switch on single sliding door



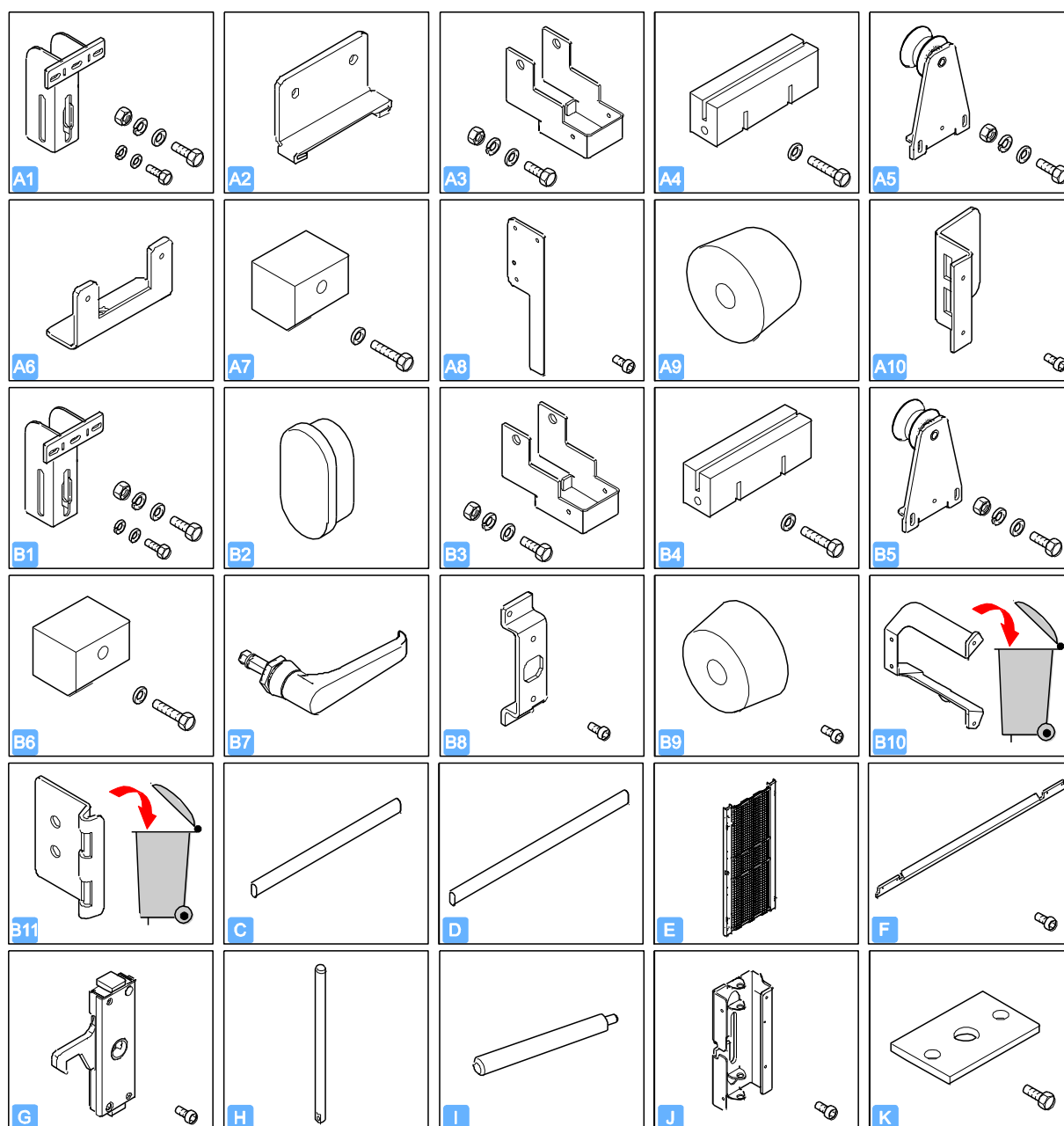
Parts list door switch on single sliding door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
G	1	1005087	AE0005178	Mounting set door switch	
G1	1	1000898	1000898	Straight actuator AZ 15/16-B1	
G2	1	1005062	AE0005179	Bracket switch AZ16/AZM161	on column
G3	1	1000355	1000355	Switch AZ 16-02ZVK	
G4	1	1005063	AE0005175	Bracket actuator AZ16/AZM161	disposal

Mounting door switch on single sliding door



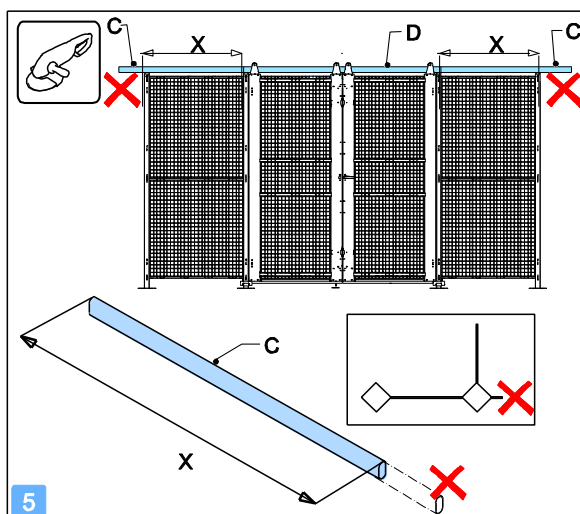
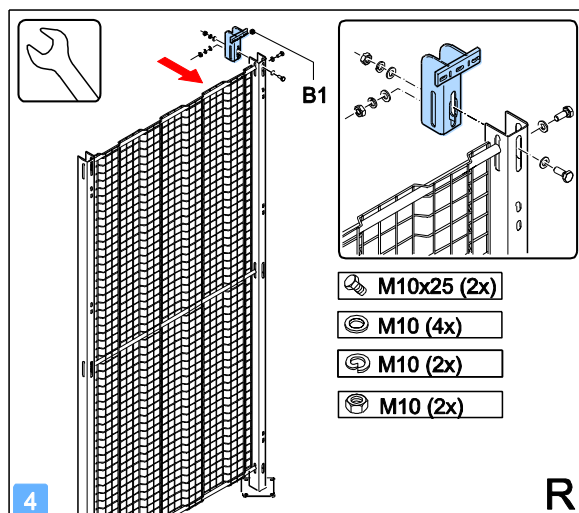
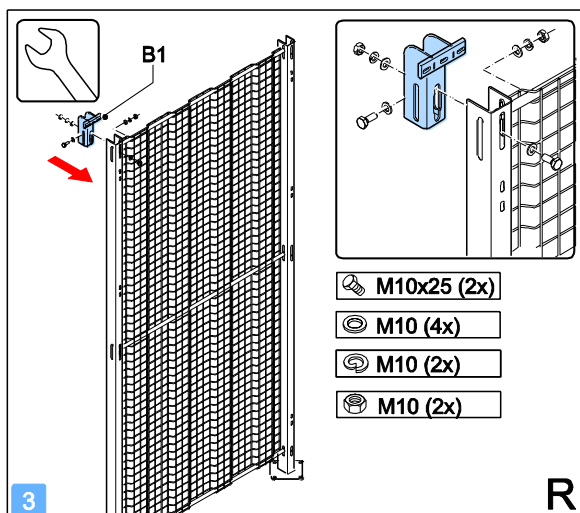
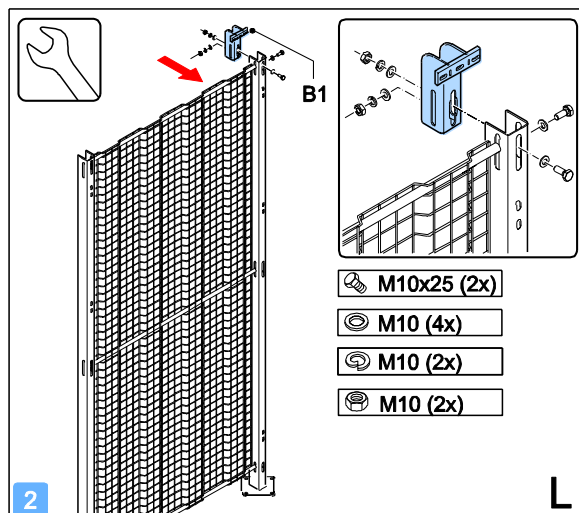
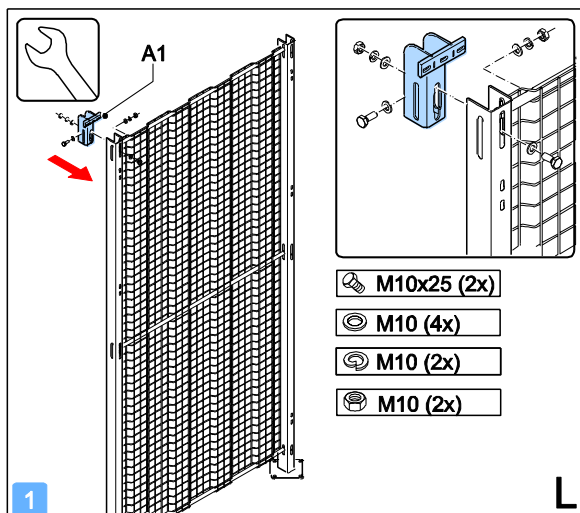
6 Double sliding door

6.1 Assembling double sliding door

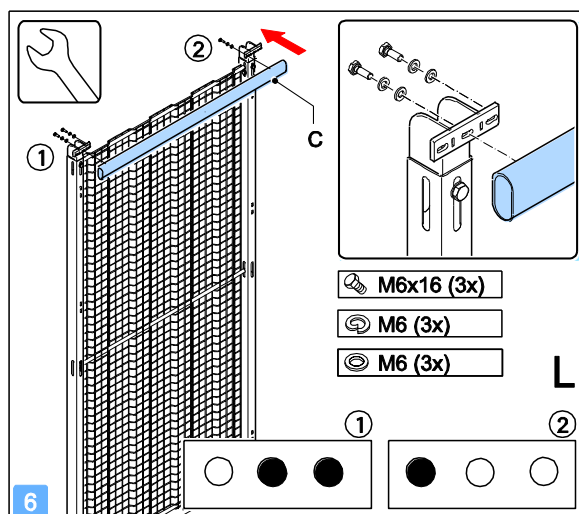


Parts list double sliding door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	AE0005230		Mounting set	double sliding door
A1	1	AE0002917		Bracket rail sliding door	
A2	1	AE0002913		Stopper double sliding door	
A3	1	AE0002829		Bracket sliding door guide	
A4	1	AE0002827	AE0002827	Guiding block sliding door	
A5	2	AE0002897		Bracket inc wheel sliding door	
A6	2	AE0002889		Tension bracket sliding door	
A7	2	AE0002895	AE0002895	Retainer block sliding door	
A8	2	AE0002805		Bracket actuator AZ16/AZM161	sliding door
A9	1	1004806	1004806	Protective buffer $\varnothing 20 \times 10$	
A10	1	AE0002819		Bracket lock sliding door	
B	1	AE0005206		Mounting set sliding door	
B1	3	AE0002917		Bracket rail sliding door	
B2	2	AE0008237	AE0008237	Tube cape oval 60 x 30	
B3	1	AE0002829		Bracket sliding door guide	
B4	1	AE0002827	AE0002827	Guiding block sliding door	
B5	2	AE0002897		Bracket inc wheel sliding door	
B6	2	AE0002895	AE0002895	Retainer block sliding door	
B7	1	1000280	1000280	L-grip	
B8	1	AE0002809		Spacer lock sliding door	
B9	1	1004806	1004806	Protective buffer $\varnothing 20 \times 10$	
B10	1	AE0002828		Bracket actuator AZ16/AZM161	disposal
B11	1	AE0002830		Bracket hook sliding door	disposal
C	2	AE0003747	AE0003747	Side rail sliding door	
D	1	AE0003758		Rail doorway sliding	W=1455 (730+730)
	1	AE0002803		Rail doorway sliding	W=1975 (990+990)
E	2	1005083	AE0005127	Door	W=730
	2	1005084	AE0005135	Door	W=990
	2	1005570	AE0005129	Door	W=1240
F	2	AE0002815		Guidance sliding door	W=730
	2	AE0002814		Guidance sliding door	W=990
	2	AE0002816		Guidance sliding door	W=1240
G	1	1000307	1000307	Hooked latch sliding door	right
	1	1005304	1005304	Hooked latch sliding door	left
H	1	1005472	1005472	Locking Pin	
H	1	AE0005189	AE0005189	Locking Pin	
I	1	AE0002833	AE0002833	Locking pin guide compact	
J	1	AE0002834	AE0002834	Locking pin handle short	
K	1	1000229	1000229	Ground plate locking pin	

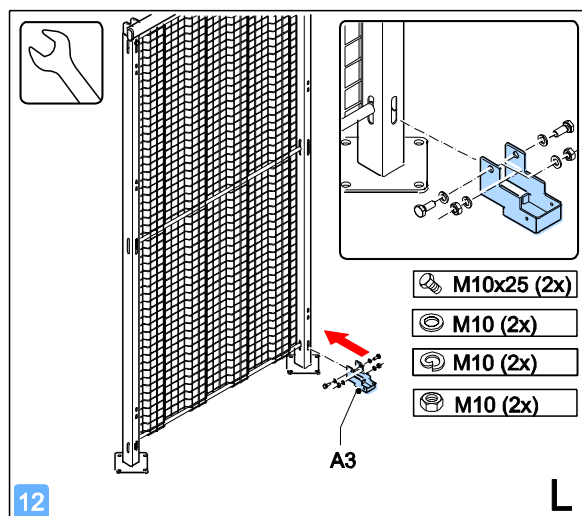
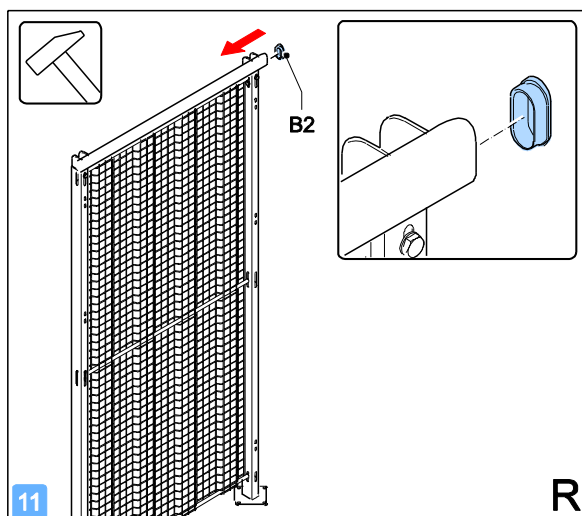
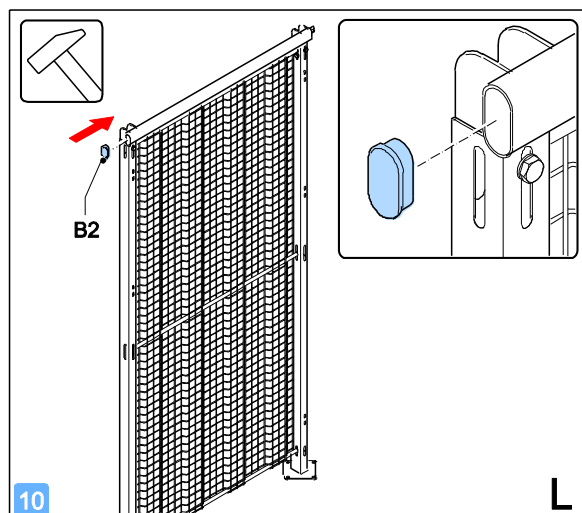
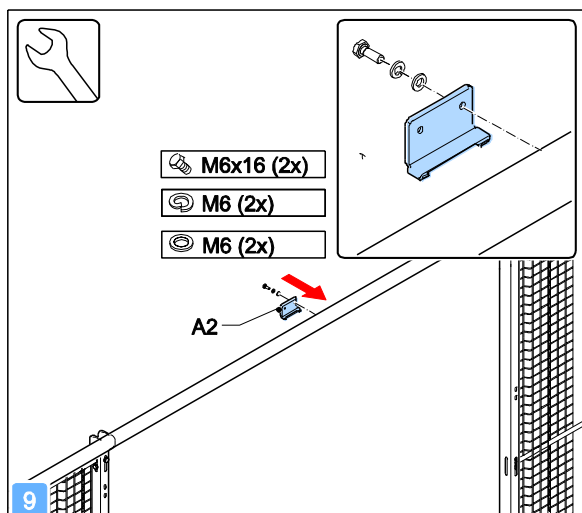
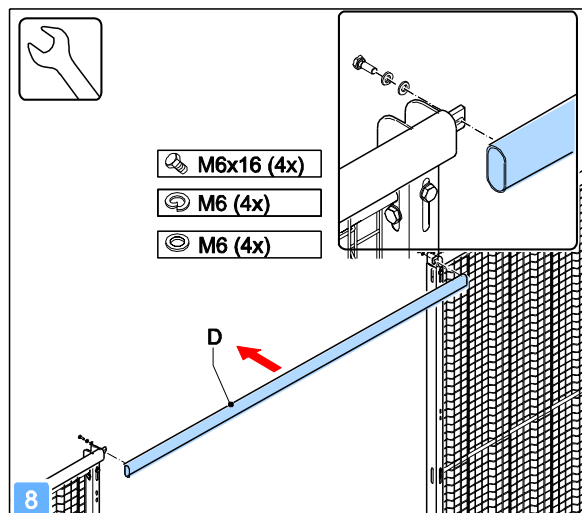
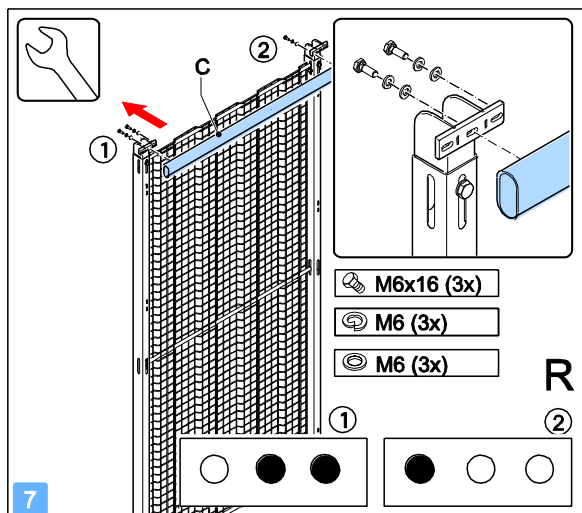
Assembling double sliding door 1/6



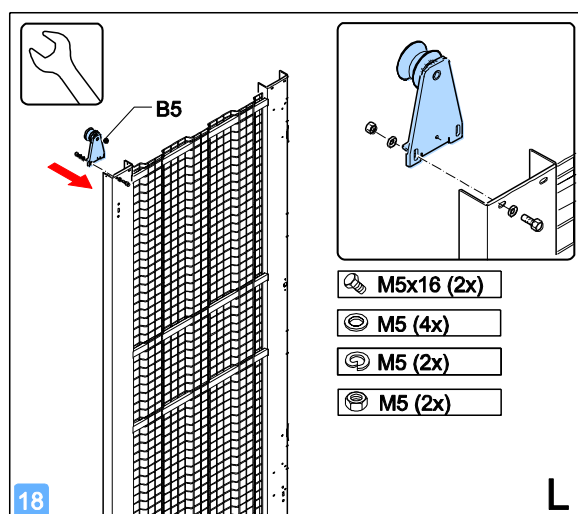
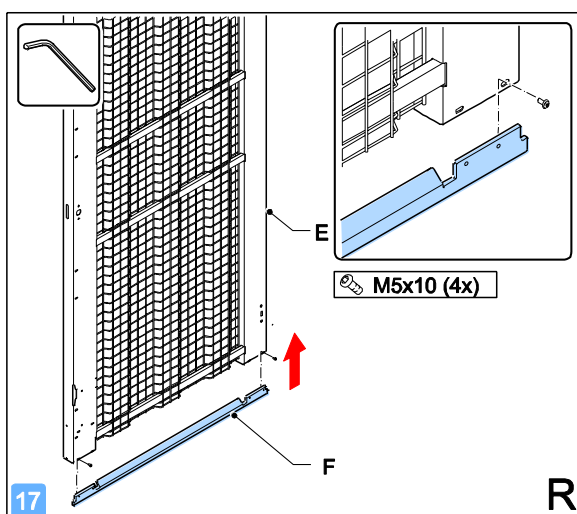
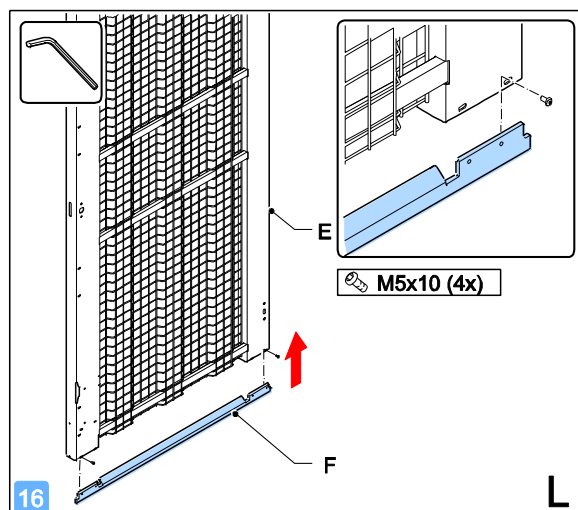
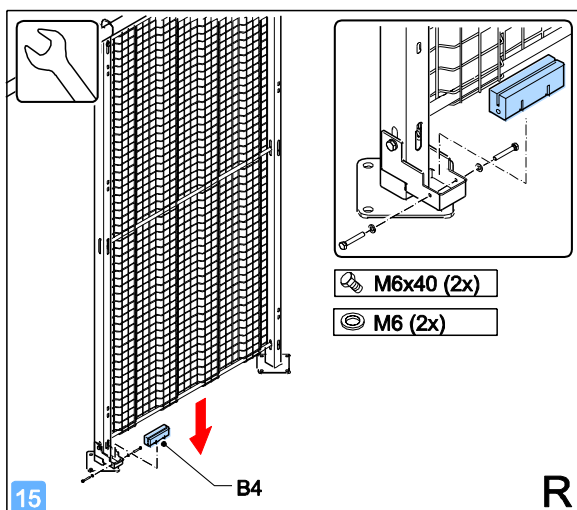
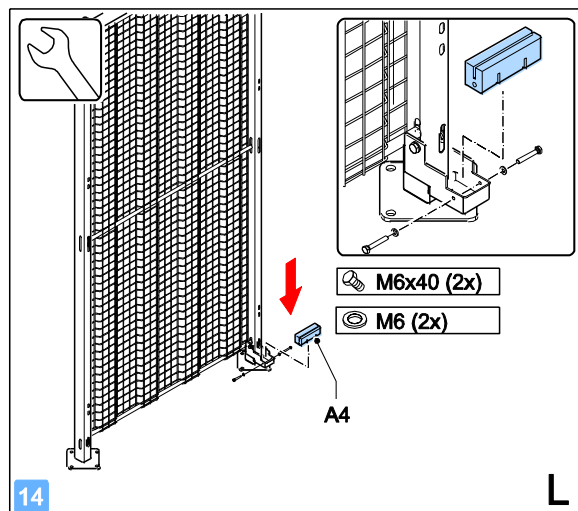
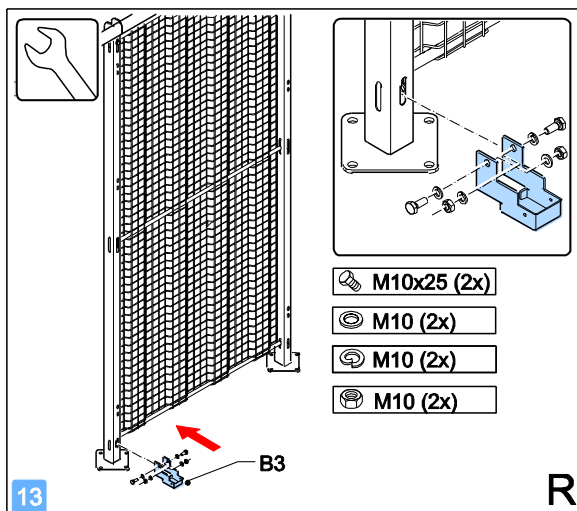
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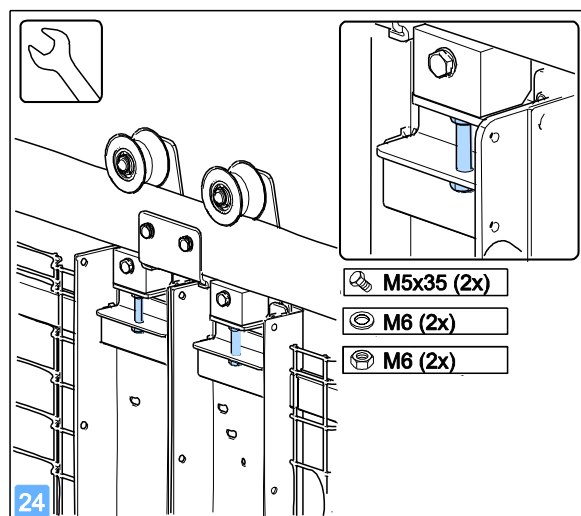
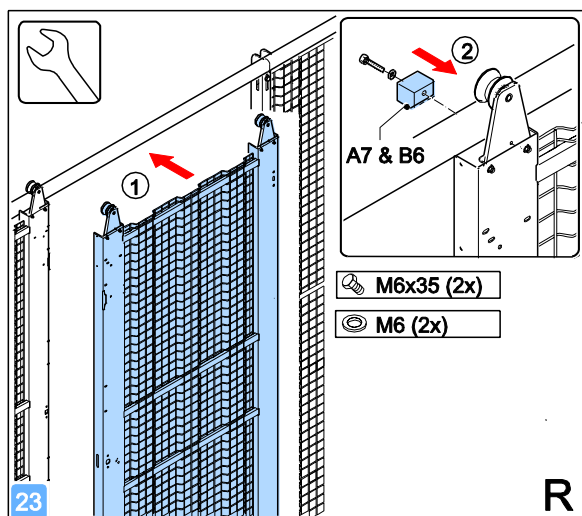
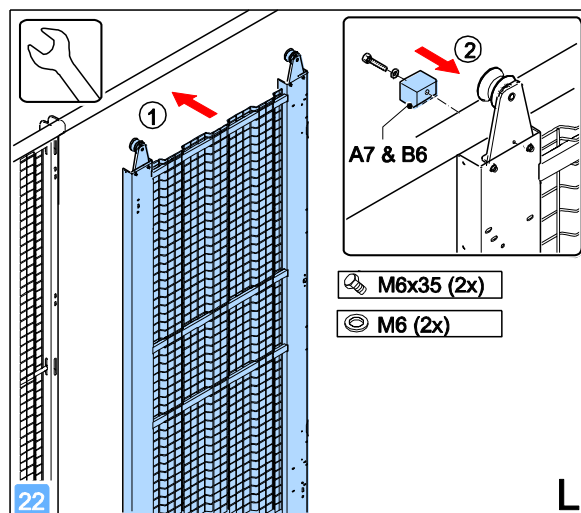
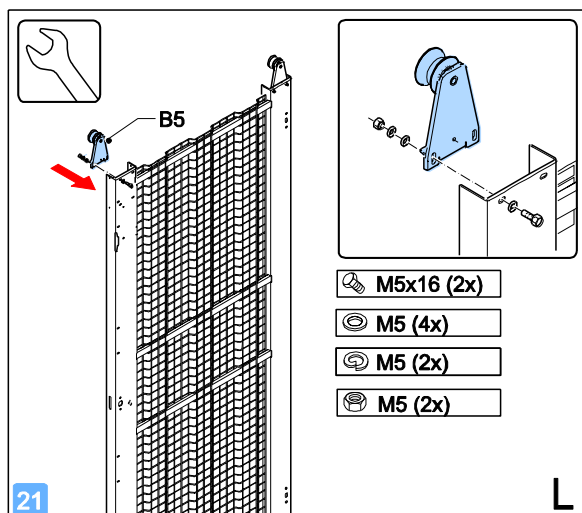
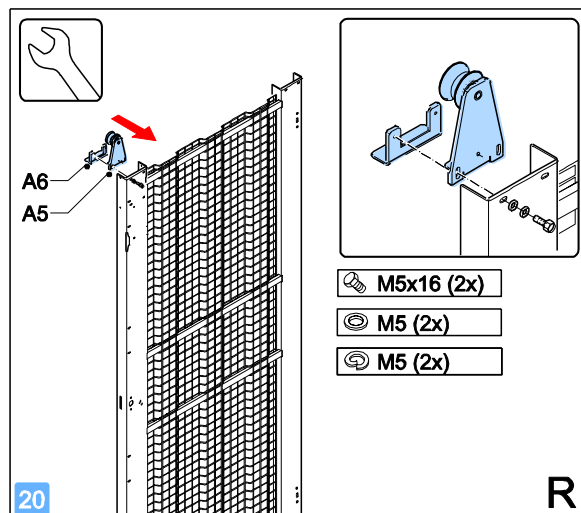
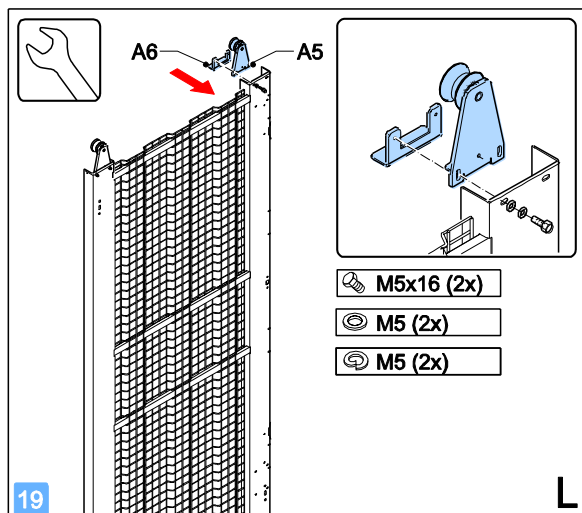
Assembling double sliding door 2/6



Assembling double sliding door 3/6

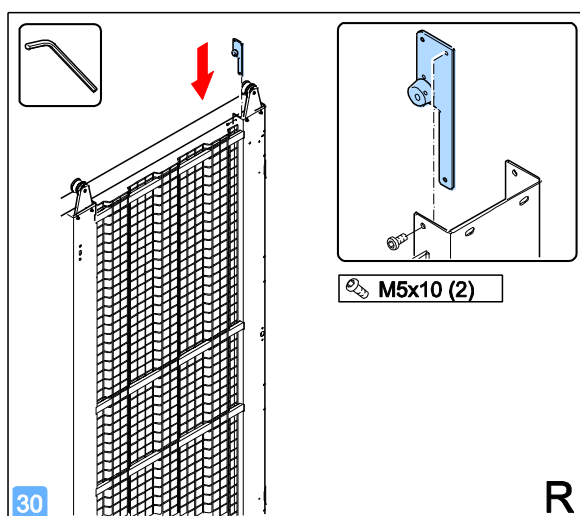
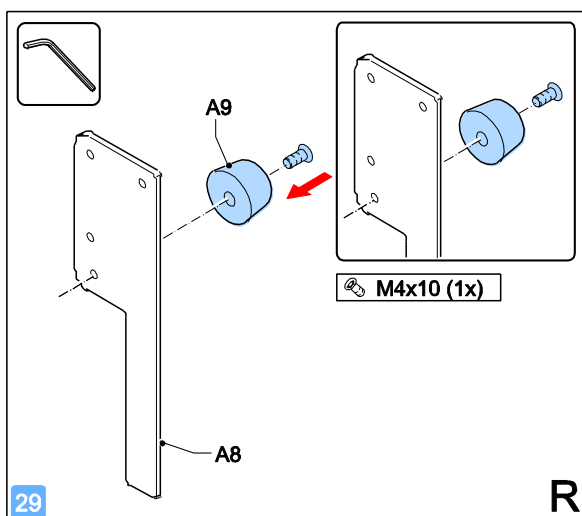
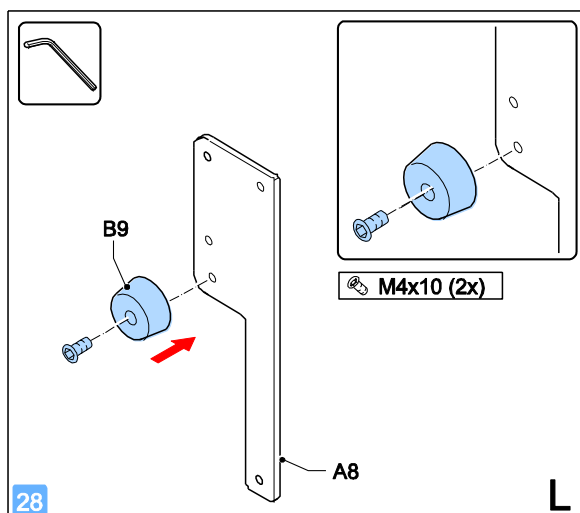
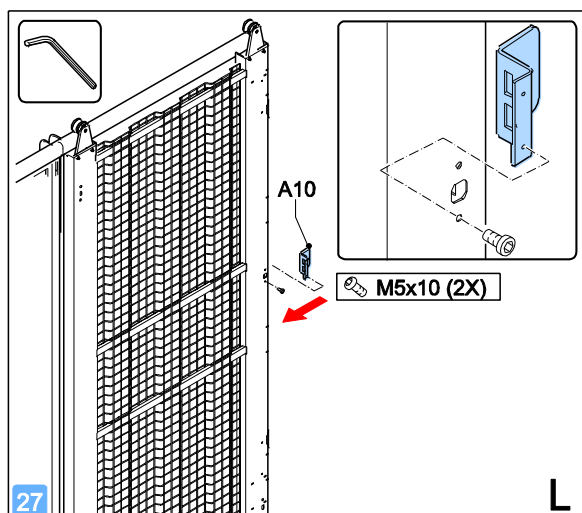
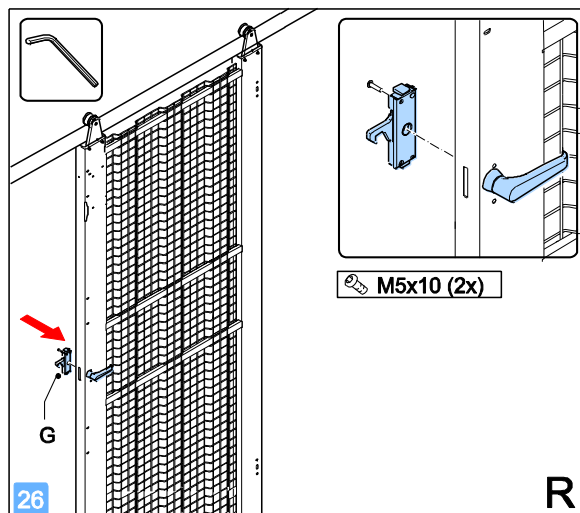
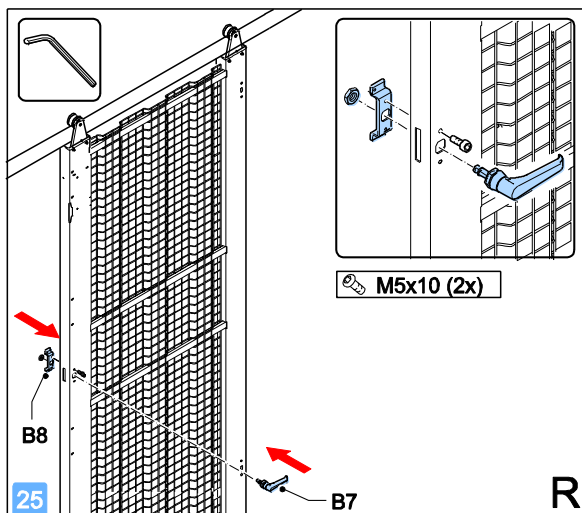


Assembling double sliding door 4/6

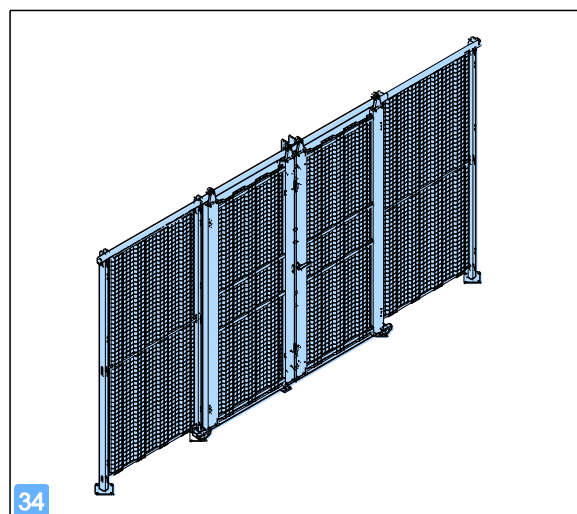
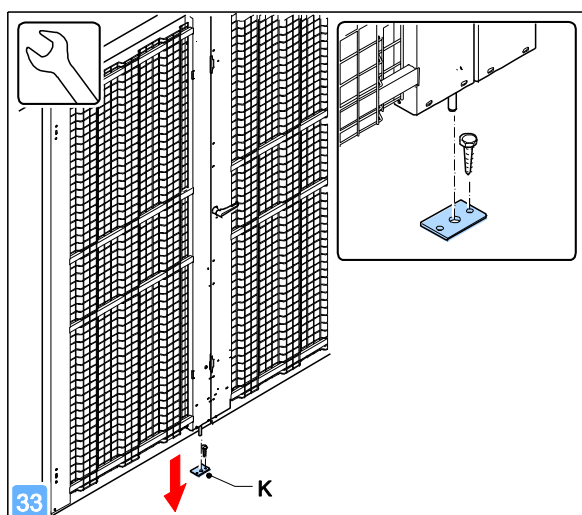
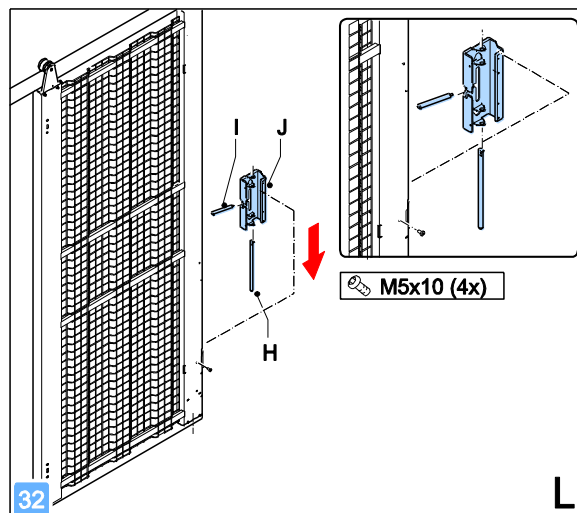
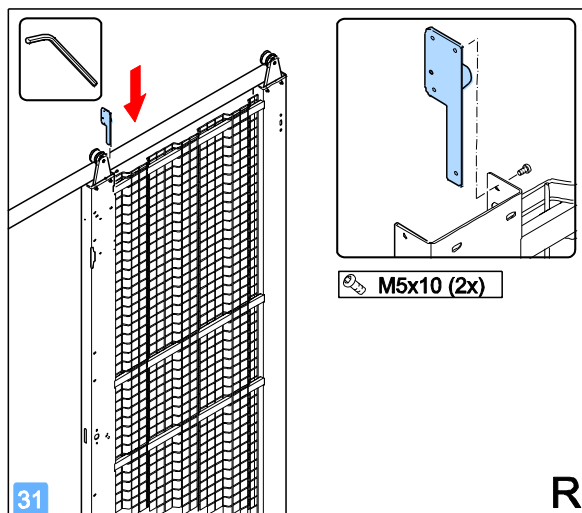


vertical adjustment door panel

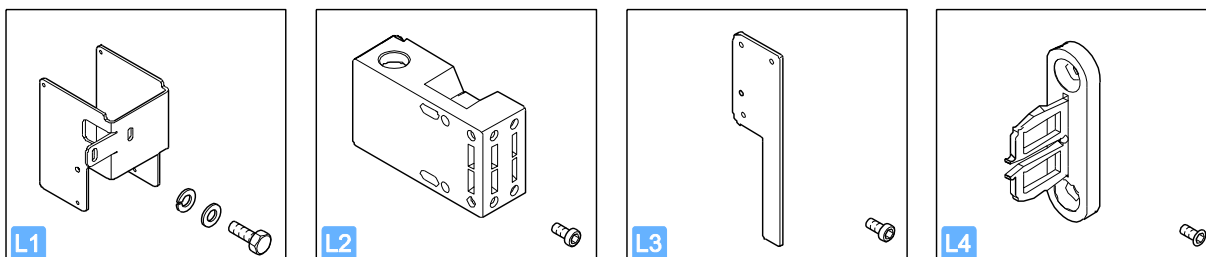
Assembling double sliding door 5/6



Assembling double sliding door 6/6

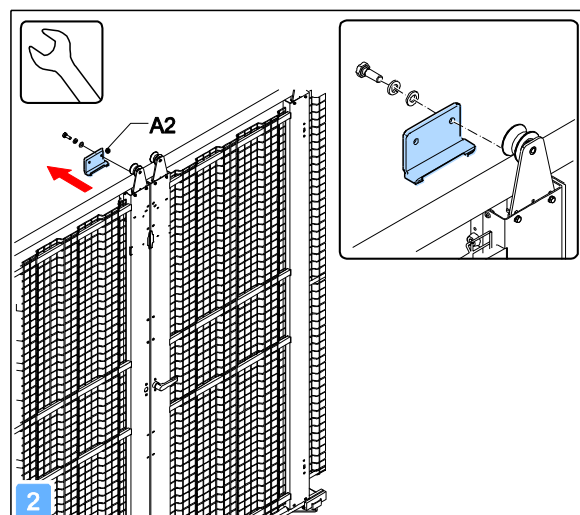
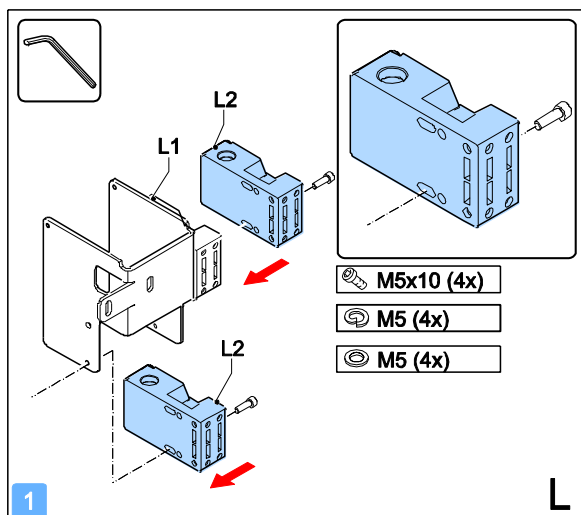


6.2 Mounting door switches on rail

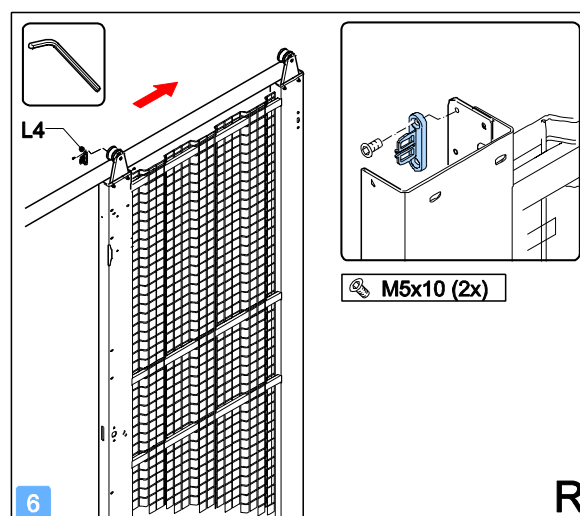
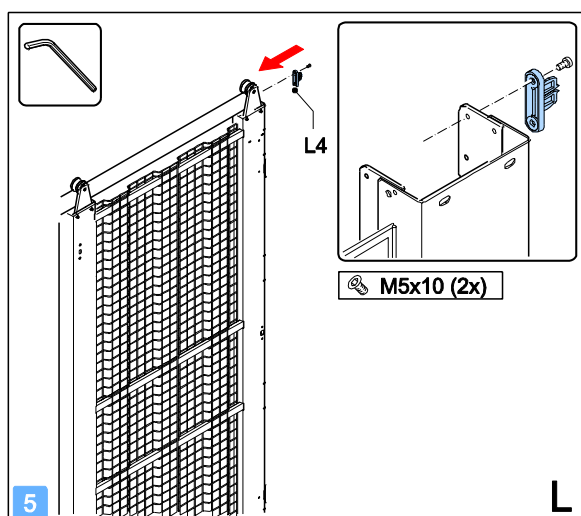
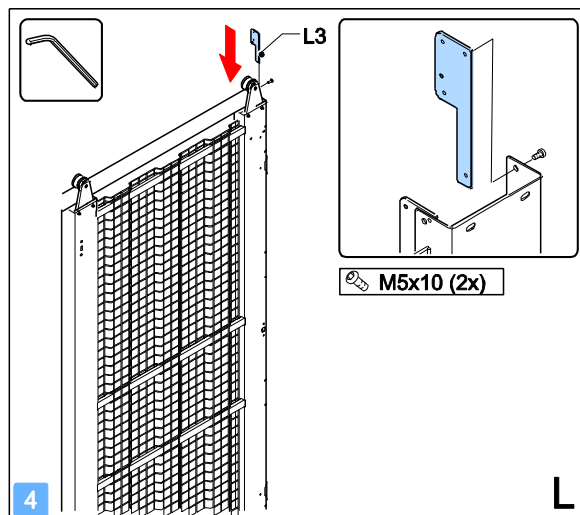
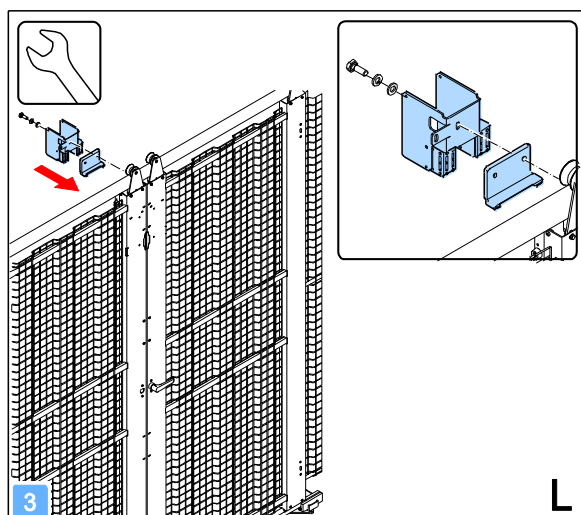


Parts list door switches on rail					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
L	1	AE0004658		Mounting set door switch	sliding door rail
L1	1	AE0002817		Bracket switch AZ16/AZM161	on rail sliding door
L2	2	1000355		Switch AZ 16-02ZVK	
L3	1	AE0002805		Bracket actuator AZ16/AZM161	sliding door
L4	2	1000898		Straight actuator AZ 15/16-B1	
L5	4	1002638		Saddle tiwrap	

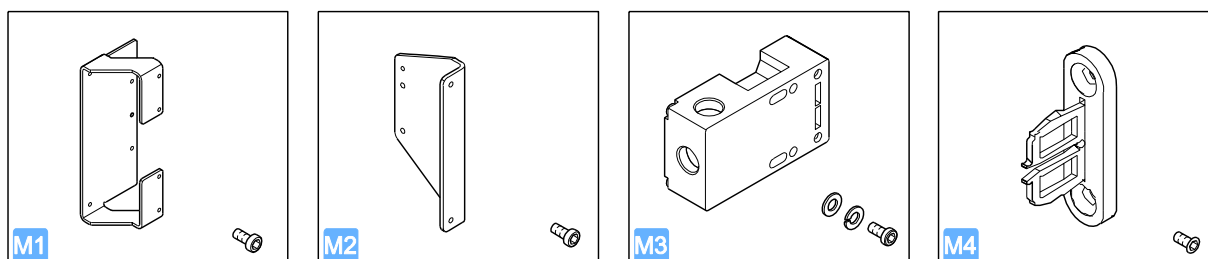
Mounting door switches on rail



Reuse fasteners in drawings 3

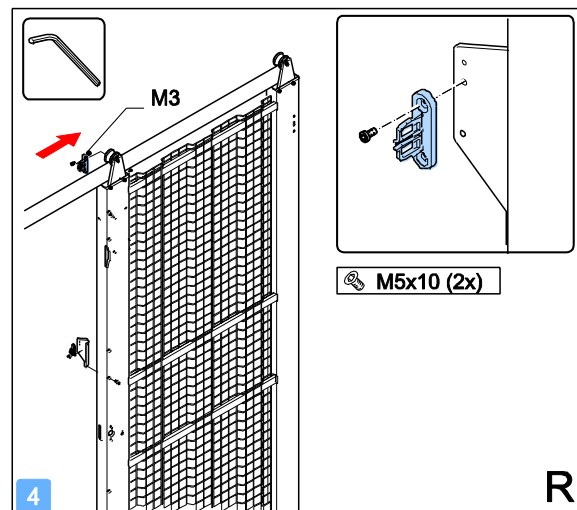
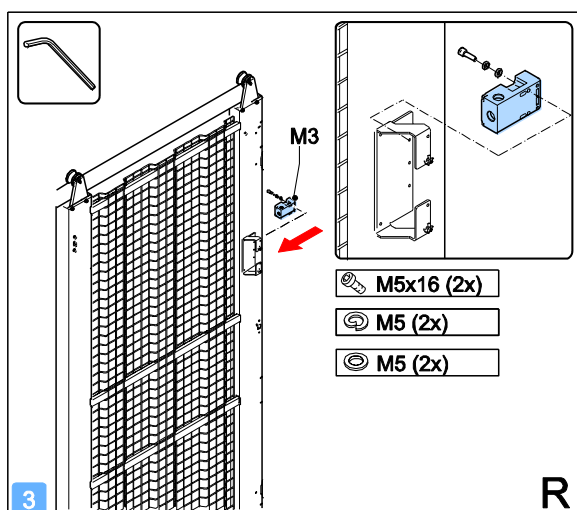
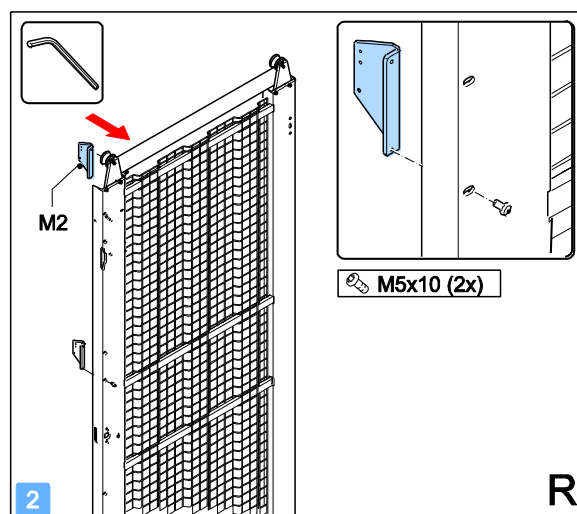
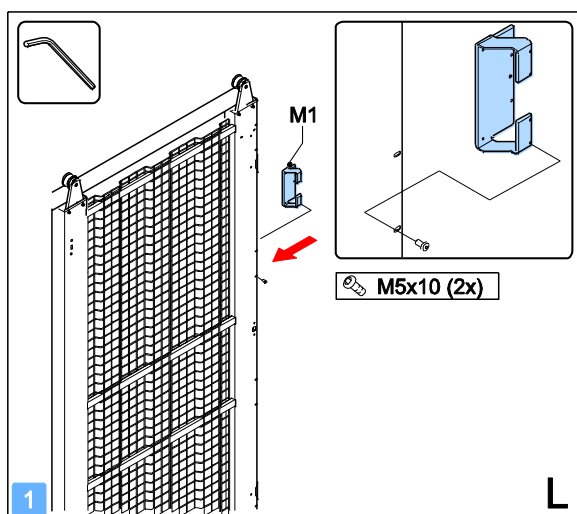


6.3 Mounting door switch on door panel double sliding door

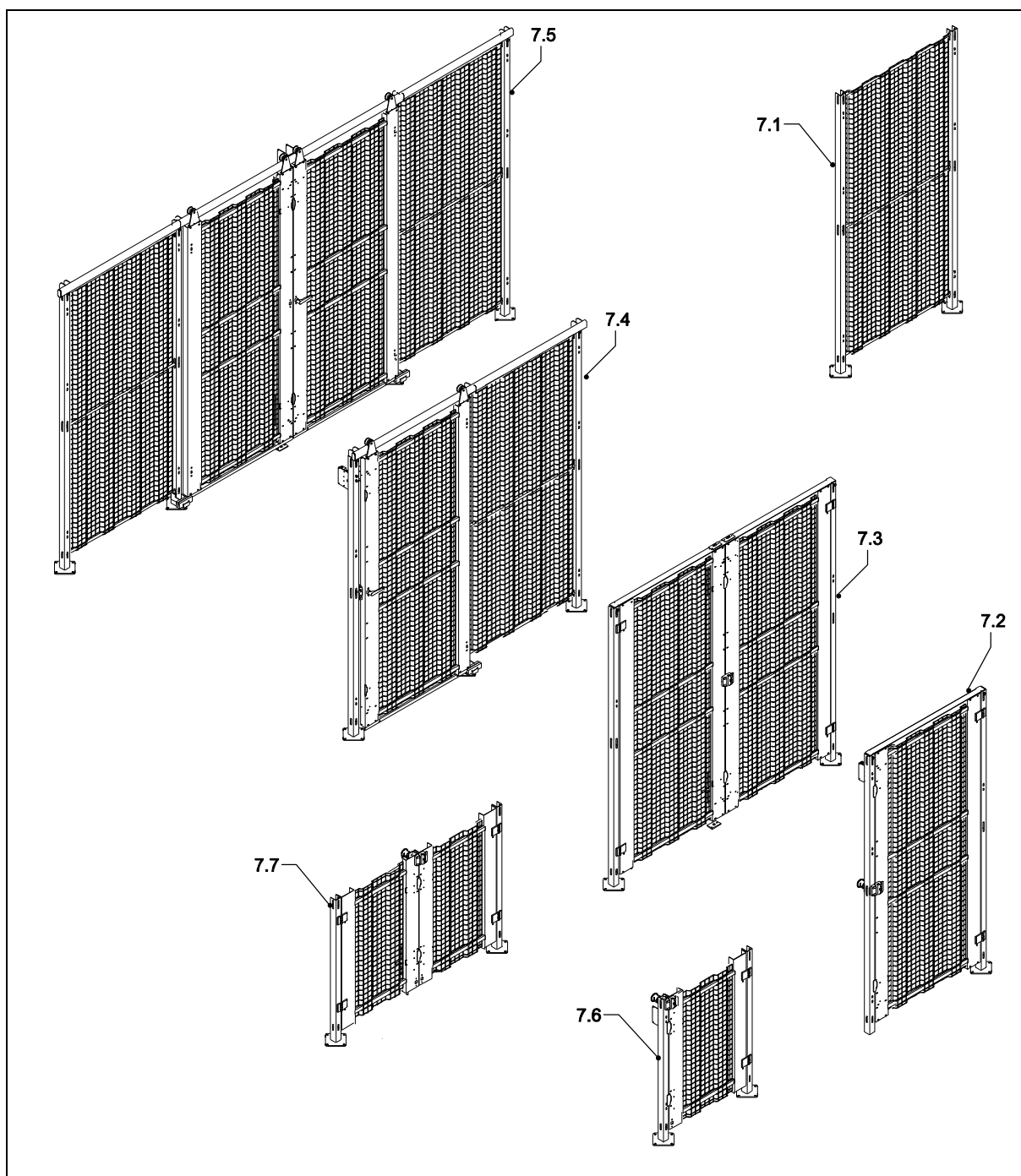


Parts list door switch on door panel double sliding door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
M	1	AE0004651		Mounting set door switch	double sliding door
M1	1	1005602	AE0005180	Bracket switch AZ16/AZM161	on door panel
M2	1	AE0002820		Bracket actuator AZ16/AZM161	door panel switch
M3	1	1000355	1000355	Switch AZ 16-02ZVK	
M4	1	1000898	1000898	Straight actuator AZ 15/16-B1	

Mounting door switch on door panel double sliding door



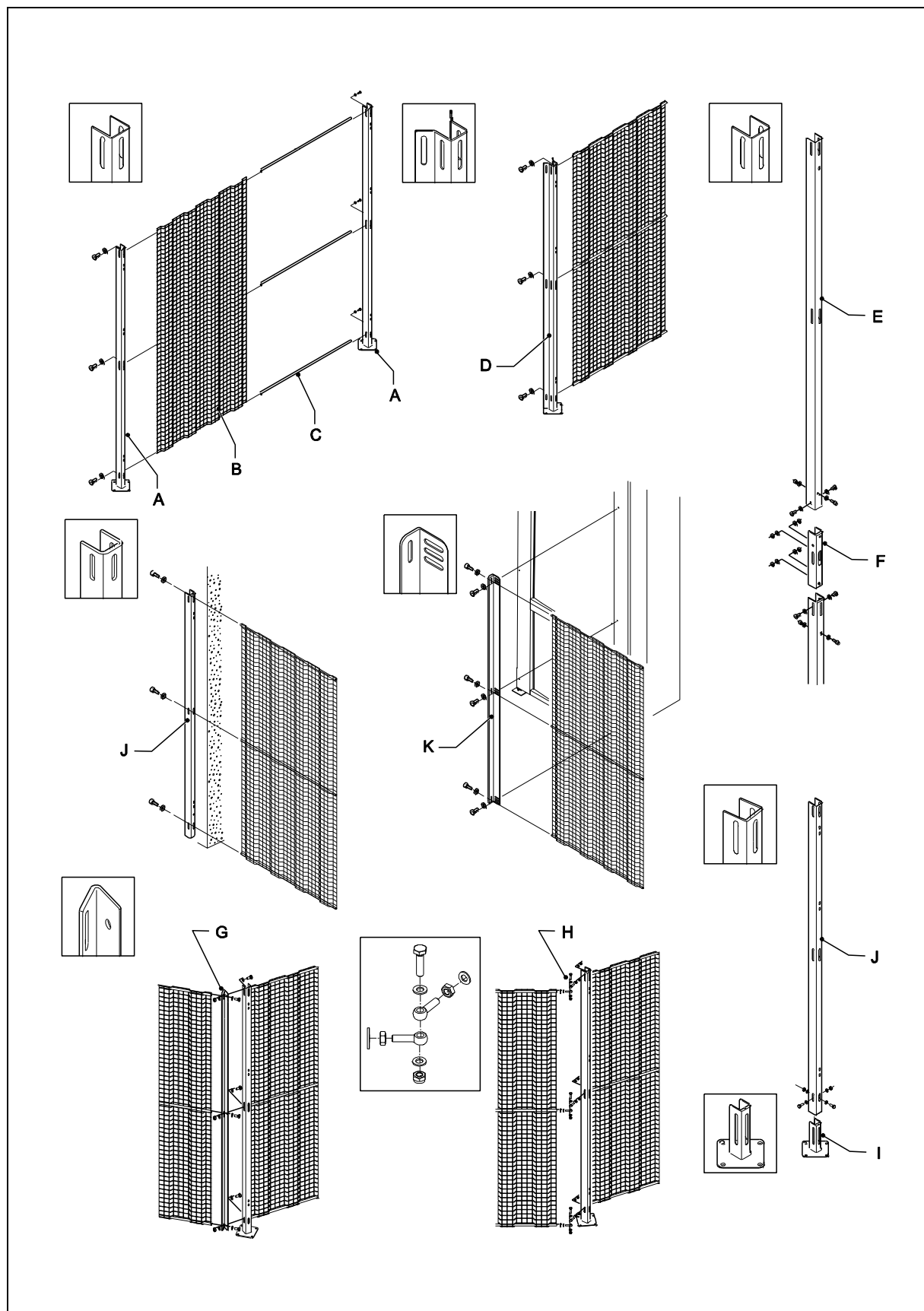
7 Exploded views



Exploded views

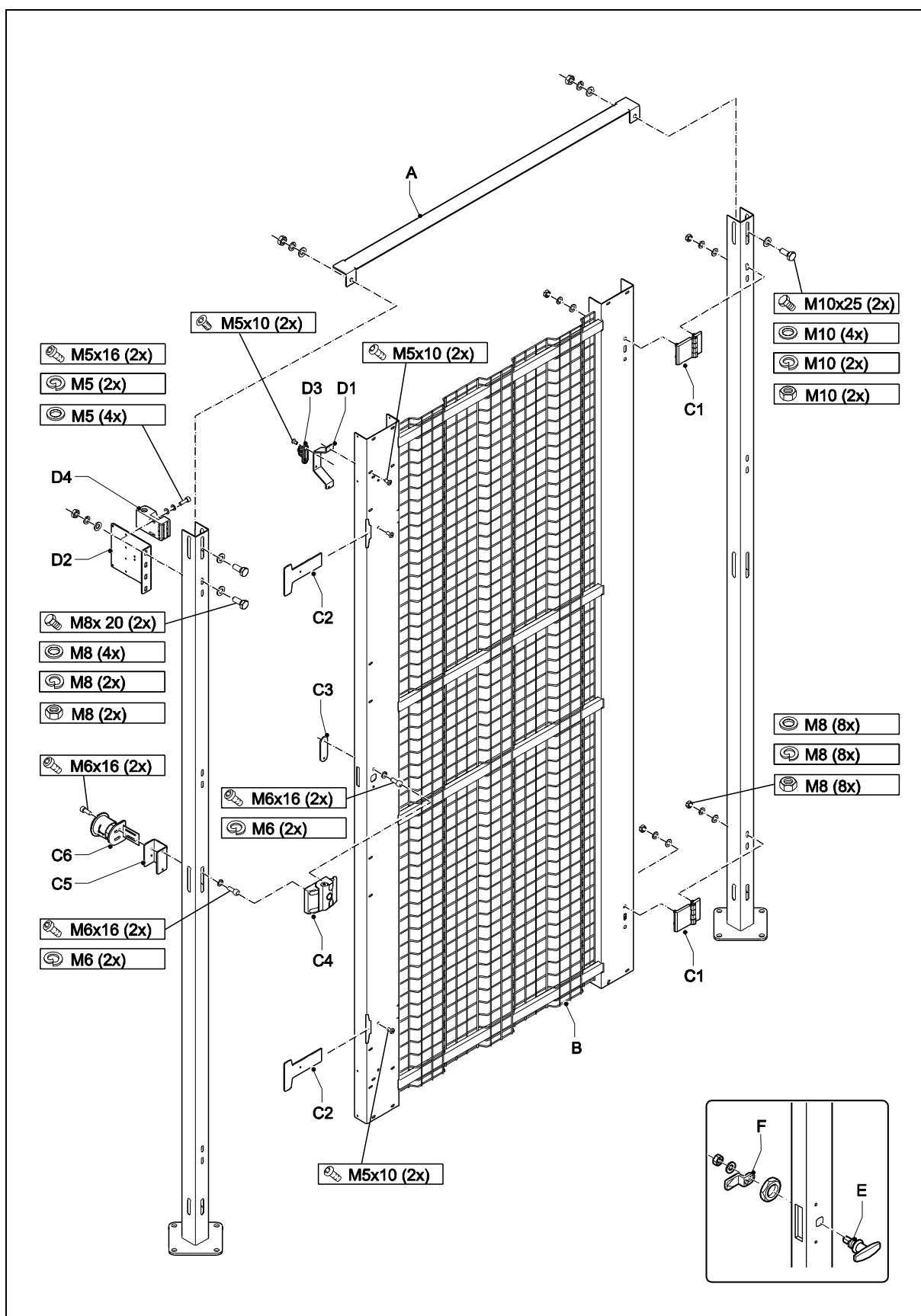
Pos	Description
7.1	Exploded views columns and panels
7.2	Single hinged door
7.3	Double hinged door
7.4	Single sliding door
7.5	Double sliding door
7.6	Single hinged door H = 1020
7.7	Double hinged door H = 1020

7.1 Exploded views columns and panels



Parts list columns and panels					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A		1005364	1004848	Column	H = 2255
		AE0006162		Column	H = 1165
B		1000522	1000461	Wire mesh panel 2120	W=225
		1000526	1000465	Wire mesh panel 2120	W=475
		1000530	1000469	Wire mesh panel 2120	W=730
		1000534	1000473	Wire mesh panel 2120	W=990
		1000514	1000453	Wire mesh panel 2120	W=1240
		1000518	1003055	Wire mesh panel 2120	W=1495
		AE0006140		Wire mesh panel 1020	W=225
		AE0006137		Wire mesh panel 1020	W=475
		AE0006134		Wire mesh panel 1020	W=730
		AE0006131		Wire mesh panel 1020	W=990
		AE0006128		Wire mesh panel 1020	W=1240
		AE0004663		Wire mesh panel 1020	W=1495
C		1000259	1000240	Mounting rod	W=225
		1000261	1000241	Mounting rod	W=475
		1000263	1000242	Mounting rod	W=730
		1000264	1000243	Mounting rod	W=990
		1000257	1000239	Mounting rod	W=1240
		1000258	1002593	Mounting rod	W=1495
D		1005461		Column HD	H = 2255
E		AE0006282		Extender column	H = 2130
		AE0006283		Extender column	H = 1030
F		AE0006257		Coupling piece column	
G		1004231		Profile 45°	incl. fasteners
		1004233		Profile 30°	incl. fasteners
		1004234		Profile 60°	incl. fasteners
H		1000308		Corner eyebolt set	incl. fasteners
I		AE0006152		Foot adjustable column	incl. fasteners
J		AE0000564		Column without base plate	H = 2150
K		1002442		Machine mounted L-channel	H = 2120

7.2 Exploded view single hinged door



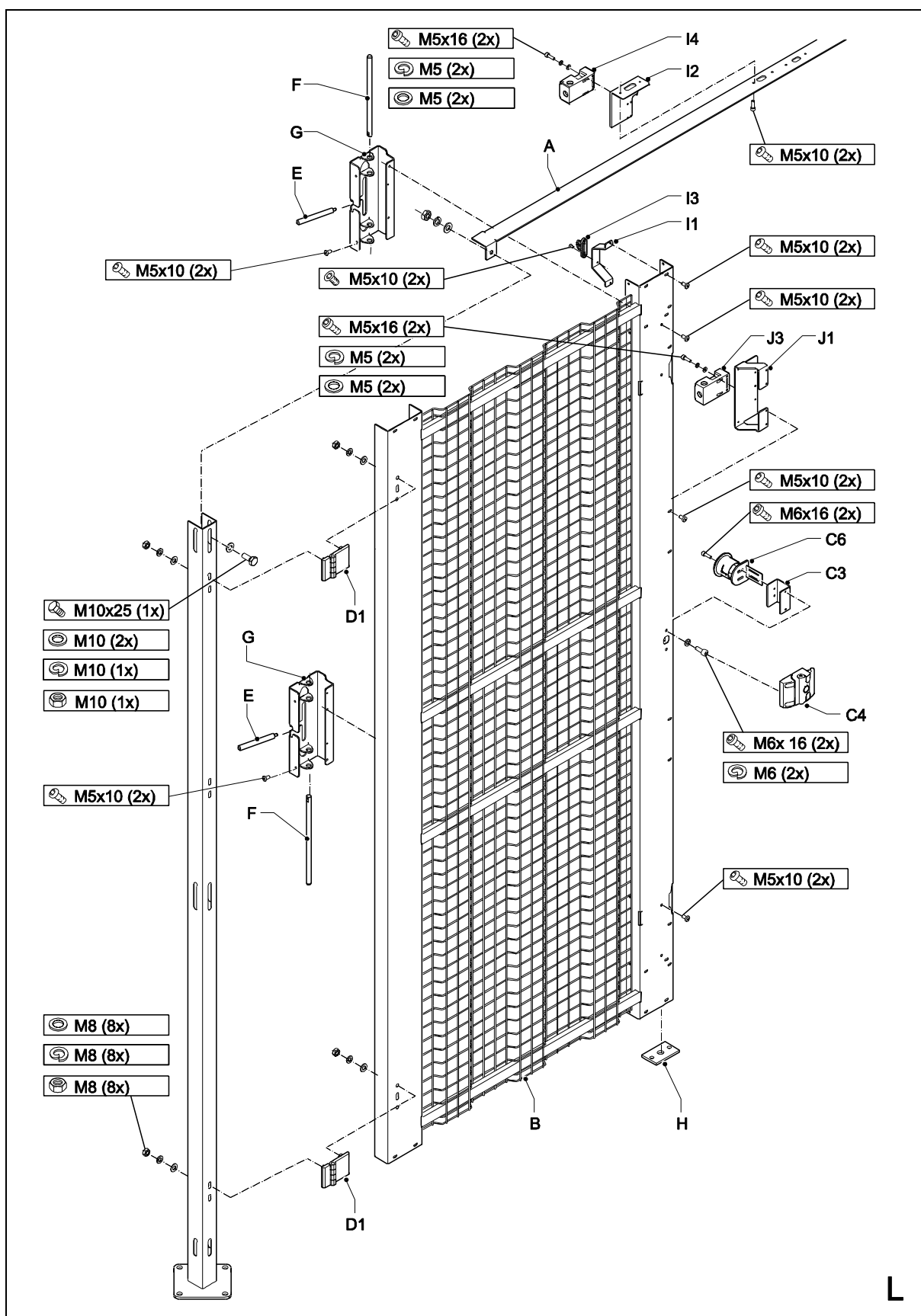
Parts list single hinged door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	1005058	AE0005126	Lintel	W=730
	1	1005060	AE0005140	Lintel	W=990
	1	1005575	AE0005139	Lintel	W=1240
B	1	1005083	AE0005127	Door	W=730
	1	1005084	AE0005135	Door	W=990
	1	1005570	AE0005129	Door	W=1240
C	1	1005076	AE0005172	Mounting set incl. lock	
C1	2	1005077	1005077	ScREW-on hinge 60 x 90	
C2	2	1005057	AE0005173	Door stopper	
C3	1	1004964	AE0005169	Treaded plate 2 x M6	
C4	1	1005067	1005067	Door latch incl. lock	
C5	1	1005065	AE0005239	Bracket emergency opener	
C6	1	1005068	1005068	Emergency opener door lock	

Parts list switch on single hinged door					
D	1	1005087	AE0005178	Mounting set door switch	
D1	1	1005063	AE0005175	Bracket actuator AZ16/AZM161	
D2	1	1005062	AE0005179	Bracket switch AZ16/AZM161	on column
D3	1	1000898	1000898	Straight actuator AZ 15/16-B1	
D4	1	1000355	1000355	Switch AZ 16-02ZVK	

Parts list T-Grip (Optional)					
Pos	Qty.	Part number Steel	Part number Stainless	Description (parts)	Notes
E		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
F		AE0007817	AE0007817	Locking cam for single door	

Fasteners single hinged door				
Qty.	Part number Steel	Part number Stainless	Description	Notes
4	1005064	1006206	Hex socket button screw	M5x10
2	1002258	1006209	Countersunk head screw	M5x10 hex socket
2	1000894	1006208	Hex socket head screw	M5x16
2	1000380	1003156	Plain washer	M5
2	1000396	1003156	Spring lock washer	M5
6	1000276	1003145	Hex socket head screw	M6x16
4	1000174	1002719	Spring lock washer	M6
2	1001175	1002728	Hex head bolt	M8x20
12	1000149	1002720	Plain washer	M8
10	1000398	1001218	Spring lock washer	M8
10	1000327	1002451	Hex nut	M8
2	1000194	1002736	Hex head bolt	M10x25
4	1000147	1001225	Plain washer	M10
2	1000172	1002491	Spring lock washer	M10
2	1000125	1002492	Hex nut	M10

7.3 Exploded view double hinged door (L)



[illegible]

Parts list double hinged door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	1005534	AE0005133	Lintel	W=1455(730+730)
	1	1005060	AE0005132	Lintel	W=1715(990+730)
	1	1005575	AE0005134	Lintel	W=1975(990+990)
	1	1005543	AE0005131	Lintel	W=2225(1240+90)
B	1	1005083	AE0005127	Door	W=730
	1	1005084	AE0005135	Door	W=990
	1	1005570	AE0005129	Door	W=1240
C	1	1005076	AE0005172	Mounting set incl. lock	
C1	2	1005077	1005077	ScREW-on hinge 60 x 90	
C2	2	1005057	AE0005239	Door stopper	
C3	1	1005065	AE0005239	Bracket emerg. opener	
C4	1	1005067	1005067	Door latch incl. lock	
C5	1	1004964	AE0005169	Treaded plate 2 x M6	
C6	1	1005068	1005068	Emerg. opener door lock	
D	1	1005537	AE0005181	Mount. set double door	Complement
D1	2	1005077	1005077	ScREW-on hinge 60 x 90	
E	2	1005471	AE0005198	Locking pin handle	
F	2	1005472	AE0005189	Locking pin	
G	2	1005473	AE0005197	Locking pin guide	
H	1	1000229	1000229	Ground plate locking pin	

Parts list on lintel double hinged door

I	1	1005603	AE0005183	Mounting set door switch	double door lintel
I1	2	1005063	AE0005175	Bracket actuator AZ16/AZM161	
I2	2	1005601	AE0005184	Bracket switch AZ16/AZM161	on lintel
I3	2	1000898	1000898	Straight actuator AZ15/16-B1	
I4	2	1000355	1000355	Switch AZ 16-02ZVK	

Parts list door switch on door panel double hinged door

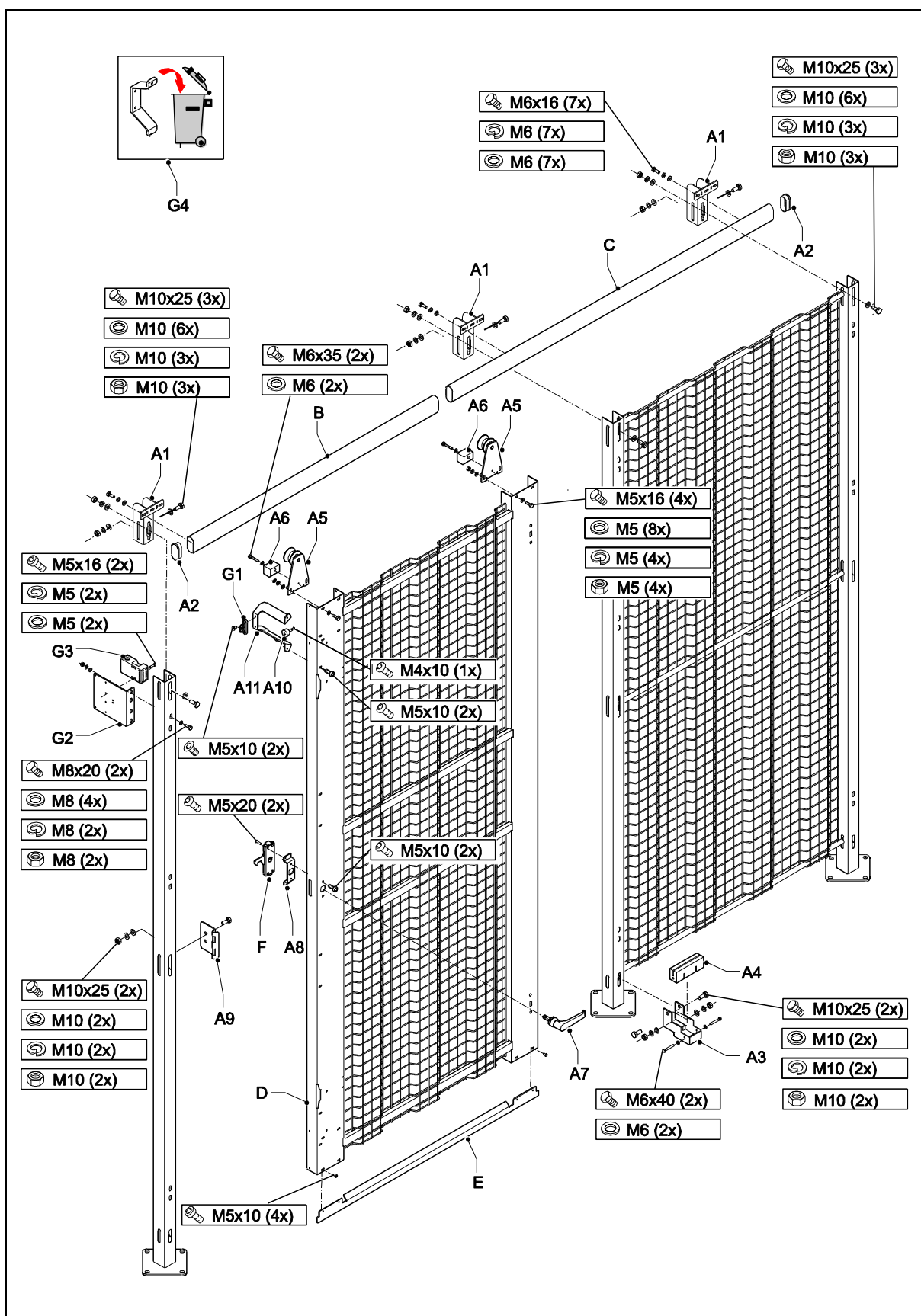
J	1	1005604	AE0005186	Mounting set door switch	double door
J1	1	1005602	AE0005180	Bracket switch AZ16/AZM161	on door panel
J2	2	1005063	AE0005175	Bracket actuator AZ16/AZM161	
J3	1	1000355	1000355	Switch AZ 16-02ZVK	
J4	2	1000898	1000898	Straight actuator AZ15/16-B1	

Parts list T-Grip (Optional)

Pos	Qty.	Part number Steel	Part number Stainless	Description (parts)	Notes
K		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
L		AE0007726	AE0007726	Locking cam for double door	

Fasteners double hinged door				
Qty.	Part number Steel	Part number Stainless	Description	Notes
6	1000894	1006208	Hex socket head screw	M5x16
6	1002258	1006209	Countersunk head screw	M5x10 hex socket
22	1005064	1006206	Hex socket button screw	M5x10
6	1000380	1003156	Plain washer	M5
6	1000396	1003156	Spring lock washer	M5
6	1000276	1003145	Hex socket head screw	M6x16
4	1000174	1002719	Spring lock washer	M6
16	1000149	1002720	Plain washer	M8
16	1000398	1001218	Spring lock washer	M8
16	1000327	1002451	Hex nut	M8
2	1000194	1002736	Hex head bolt	M10x25
4	1000147	1001225	Plain washer	M10
2	1000172	1002491	Spring lock washer	M10
2	1000125	1002492	Hex nut	M10

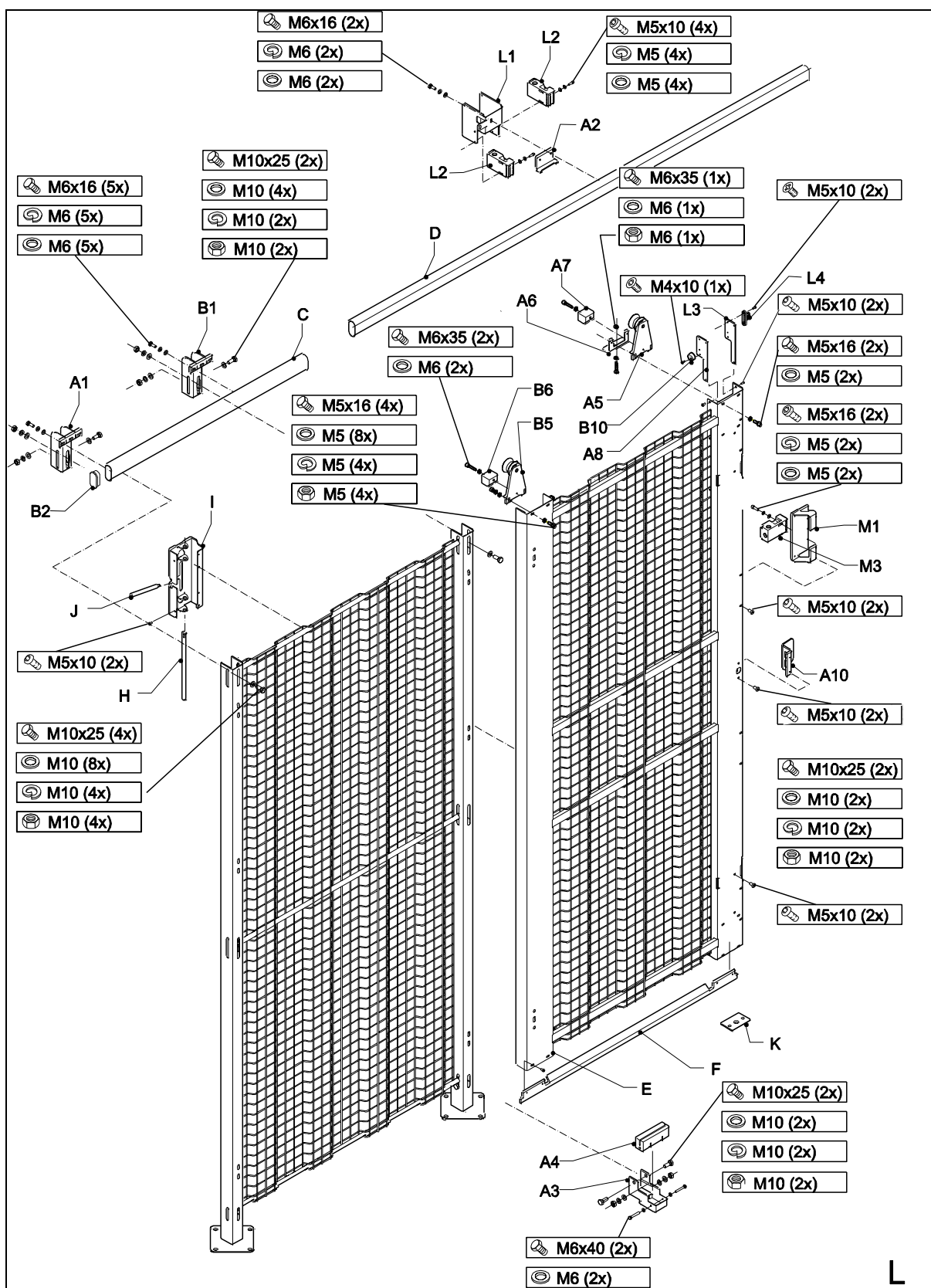
7.4 Exploded view single sliding door



Parts list single sliding door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	AE0005206		Mounting set sliding door	
A1	3	AE0002917		Bracket rail sliding door	
A2	2	AE0008237	AE0008237	Tube cape oval 60 x 30	
A3	1	AE0002829		Bracket sliding door guide	
A4	1	AE0002827	AE0002827	Guiding block sliding door	
A5	2	AE0002897		Bracket inc wheel sliding door	
A6	2	AE0002895	AE0002895	Retainer block sliding door	
A7	1	1000280	1000280	L-grip	
A8	1	AE0002809		Spacer lock sliding door	
A9	1	AE0002830		Bracket hook sliding door	
A10	1	1004806	1004806	Protective buffer $\varnothing 20 \times 10$	
A11	1	AE0002828		Bracket actuator AZ16/AZM161	
B	1	AE0003747	AE0003747	Side rail sliding door	
C	1	AE0003756		Rail doorway sliding door	W=730
	1	AE0003749		Rail doorway sliding door	W=990
	1	AE0003757		Rail doorway sliding door	W=1240
D	1	1005083	AE0005127	Door	W=730
	1	1005084	AE0005135	Door	W=990
	1	1005570	AE0005129	Door	W=1240
E	1	AE0002815		Guidance sliding door	W=730
	1	AE0002814		Guidance sliding door	W=990
	1	AE0002816		Guidance sliding door	W=1240
F	1	1000307	1000307	Hooked latch sliding door	right
	1	1000304	1000304	Hooked latch sliding door	left
Parts list door switch on single sliding door					
G	1	1005087	AE0005178	Mounting set door switch	
G1	1	1000898	1000898	Straight actuator AZ 15/16-B1	
G2	1	1005062	AE0005179	Bracket switch AZ16/AZM161	on column
G3	1	1000355	1000355	Switch AZ 16-02ZVK	
G4	1	1005063	AE0005175	Bracket actuator AZ16/AZM161	disposal

Fasteners single sliding door				
Qty.	Part number Steel	Part number Stainless	Description	Notes
1	1005950		Hex socket button screw	M4x10
2	1000894	1006208	Hex socket head screw	M5x16
2	1002258	1006209	Countersunk head screw	M5x10 hex socket
4	1001313		Hex head bolt	M5x16
2	1005948		Hex socket button screw	M5x120
10	1005064	1006206	Hex socket button screw	M5x10
10	1000380	1003156	Plain washer	M5
6	1000396	11003156	Spring lock washer	M5
4	1000325	1003180	Hex nut	M5
2	1000425	1003151	Hex head bolt	M6x35
7	1001315	1002718	Hex head bolt	M6x16
2	1002260	1002772	Hex head bolt	M6x40
11	1000148	1001220	Plain washer	M6
7	1000174	1002719	Spring lock washer	M6
2	1001175	1002728	Hex head bolt	M8x20
4	1000149	1002720	Plain washer	M8
2	1000398	1001218	Spring lock washer	M8
2	1000327	1002451	Spring lock washer	M8
10	1000194	1002736	Hex head bolt	M10x25
16	1000147	1001225	Plain washer	M10
10	1000172	1002491	Spring lock washer	M10
10	1000125	1002492	Hex nut	M10

7.5 Exploded view double sliding door (L)



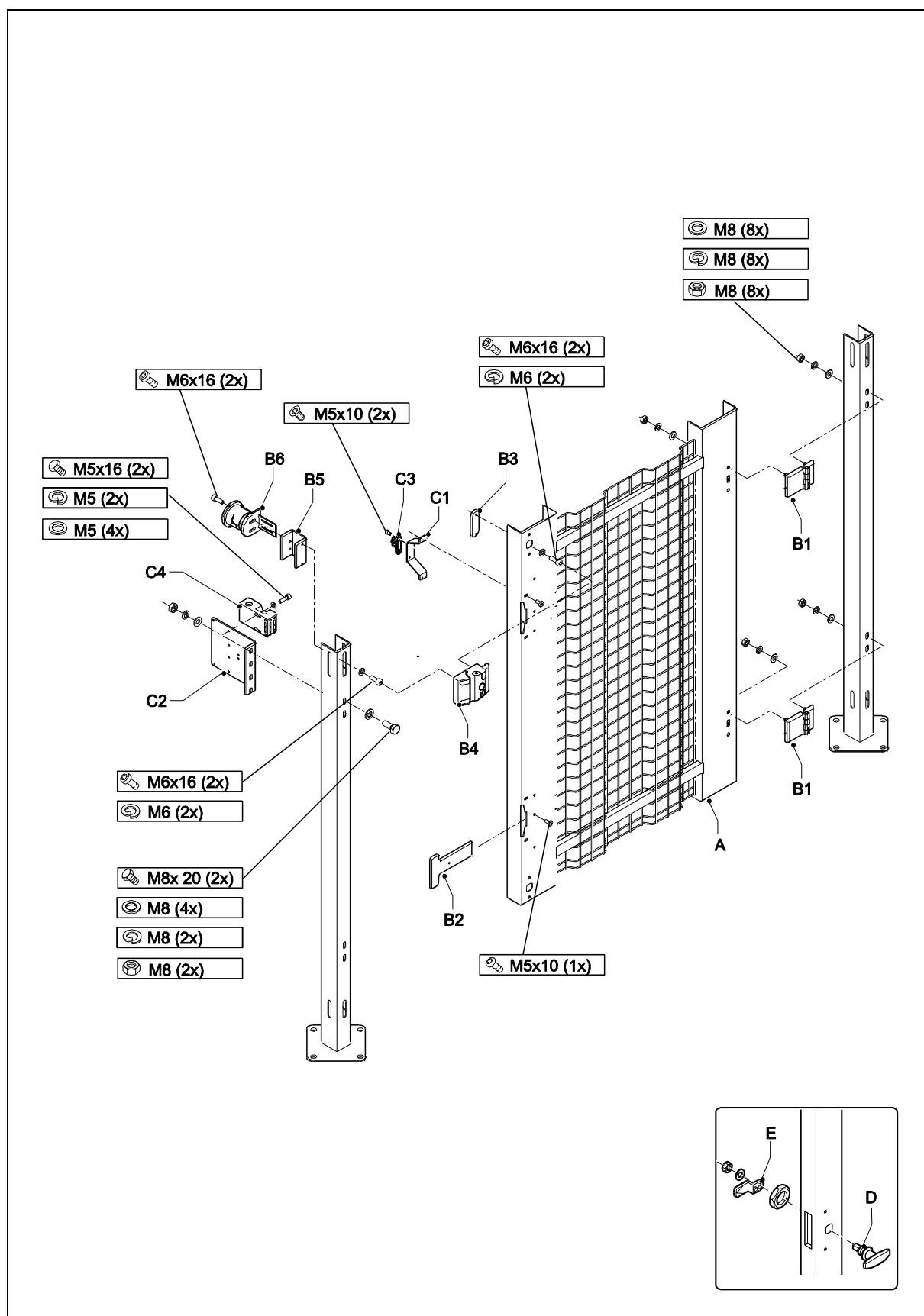
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Parts list double sliding door					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	AE0005230		Mounting set	double sliding door
A1	1	AE0002917		Bracket rail sliding door	
A2	1	AE0002913		Stopper double sliding door	
A3	1	AE0002829		Bracket sliding door guide	
A4	1	AE0002827	AE0002827	Guiding block sliding door	
A5	2	AE0002897		Bracket inc wheel sliding door	
A6	2	AE0002889		Tension bracket sliding door	
A7	2	AE0002895	AE0002895	Retainer block sliding door	
A8	2	AE0002805		Bracket actuator AZ16/AZM161	sliding door
A9	1	1004806	1004806	Protective buffer $\varnothing 20 \times 10$	
A10	1	AE0002819		Bracket lock sliding door	
B	1	AE0005206		Mounting set sliding door	
B1	3	AE0002917		Bracket rail sliding door	
B2	2	AE0008237	AE0008237	Tube cape oval 60 x 30	
B3	1	AE0002829		Bracket sliding door guide	
B4	1	AE0002827	AE0002827	Guiding block sliding door	
B5	2	AE0002897		Bracket inc wheel sliding door	
B6	2	AE0002895	AE0002895	Retainer block sliding door	
B7	1	1000280	1000280	L-grip	
B8	1	AE0002809		Spacer lock sliding door	
B9	1	1004806	1004806	Protective buffer $\varnothing 20 \times 10$	
B10	1	AE0002828		Bracket actuator AZ16/AZM161	disposal
B11	1	AE0002830		Bracket hook sliding door	disposal
C	2	AE0003747	AE0003747	Side rail sliding door	
D	1	AE0003758		Rail doorway sliding	W=1455 (730+730)
	1	AE0002803		Rail doorway sliding	W=1975 (990+990)
E	2	1005083	AE0005127	Door	W=730
	2	1005084	AE0005135	Door	W=990
	2	1005570	AE0005129	Door	W=1240
F	2	AE0002815		Guidance sliding door	W=730
	2	AE0002814		Guidance sliding door	W=990
	2	AE0002816		Guidance sliding door	W=1240
G	1	1000307	1000307	Hooked latch sliding door	right
	1	1005304	1005304	Hooked latch sliding door	left
H	1	1005472	1005472	Locking Pin	
H	1	AE0005189	AE0005189	Locking Pin	
I	1	AE0002833	AE0002833	Locking pin guide compact	
J	1	AE0002834	AE0002834	Locking pin handle short	
K	1	1000229	1000229	Ground plate locking pin	

Parts list double sliding door 2/2					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
Parts list door switch on rail double sliding door					
L	1	AE0004658		Mounting set door switch	sliding door rail
L1	1	AE0002817		Bracket switch AZ16/AZM161	on rail sliding door
L2	2	1000355		Switch AZ 16-02ZVK	
L3	1	AE0002805		Bracket actuator AZ16/AZM161	sliding door
L4	2	1000898		Straight actuator AZ 15/16-B1	
L5	4	1002638		Saddle tiewrap	
Parts list door switch on door panel double sliding door					
M	1	AE0004651		Mounting set door switch	double sliding door
M1	1	1005602	AE0005180	Bracket switch AZ16/AZM161	on door panel
M2	1	AE0002820		Bracket actuator AZ16/AZM161	door panel switch
M3	1	1000355	1000355	Switch AZ 16-02ZVK	
M4	1	1000898	1000898	Straight actuator AZ 15/16-B1	

Fasteners double sliding door				
Qty.	Part number Steel	Part number Stainless	Description	Notes
2	1005950		Hex socket button screw	M4x10
4	1000894	1006208	Hex socket head screw	M5x16
6	1002258	1006209	Countersunk head screw	M5x10 hex socket
12	1001313	1001313	Hex head bolt	M5x16 steel
26	1005064	1006206	Hex socket button screw	M5x10
2	1005948	1005948	Countersunk head screw	M5x10
18	1000380	1003156	Plain washer	M5
10	1000396	1003156	Spring lock washer	M5
8	1000325	1003180	Hex nut	M5
12	1001315	1002718	Hex head bolt	M6x16
4	1002260	1002772	Hex head bolt	M6x40
6	1000425	1003151	Hex head bolt	M6x35
22	1000148	1001220	Plain washer	M6
14	1000174	1002719	Spring lock washer	M6
2	1000326	1003180	Hex nut	M6
14	1000194	1002736	Hex head bolt	M10x25
22	1000147	1001225	Plain washer	M10
10	1000172	1002491	Spring lock washer	M10
10	1000125	1002492	Hex nut	M10

7.6 Exploded view single hinged door H = 1020



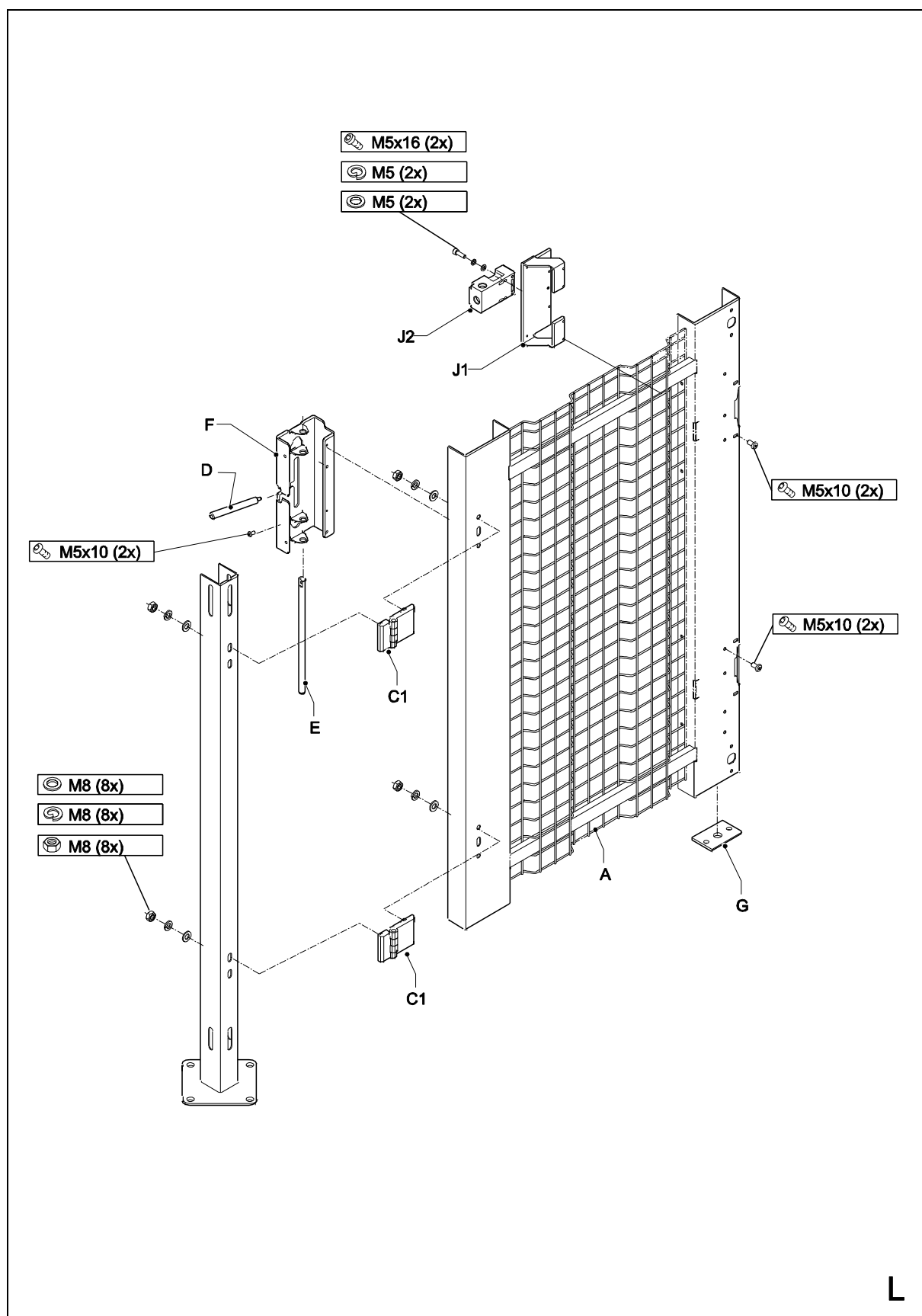
Parts list single hinged door H = 1020					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	AE0006160		Door 1020	W=730
	1	AE0006311		Door 1020	W=730
B	1	1005076	AE0005172	Mounting set incl. lock	
B1	2	1005077	1005077	ScREW-on hinge	
B2	2	1005057	AE0005173	Door stopper	
B3	1	1004964	AE0005169	Treaded plate	
B4	1	1005067	1005067	Door latch incl. lock	W=730
B5	1	1005065	AE0005239	Bracket emergency opener	W=990
B6	1	1005068	1005068	Emergency opener door lock	

Parts list door switch on single hinged door H = 1020					
C	1	1005087	AE0005178	Mounting set door switch	
C1	1	1005063	AE0005175	Bracket actuator AZ16/AZM161	2 x M6
C2	1	1005062	AE0005179	Bracket switch AZ16/AZM161	on column
C3	1	1000898	1000898	Straight actuator AZ 15/16-B1	
C4	1	1000355	1000355	Switch AZ 16-02ZVK	

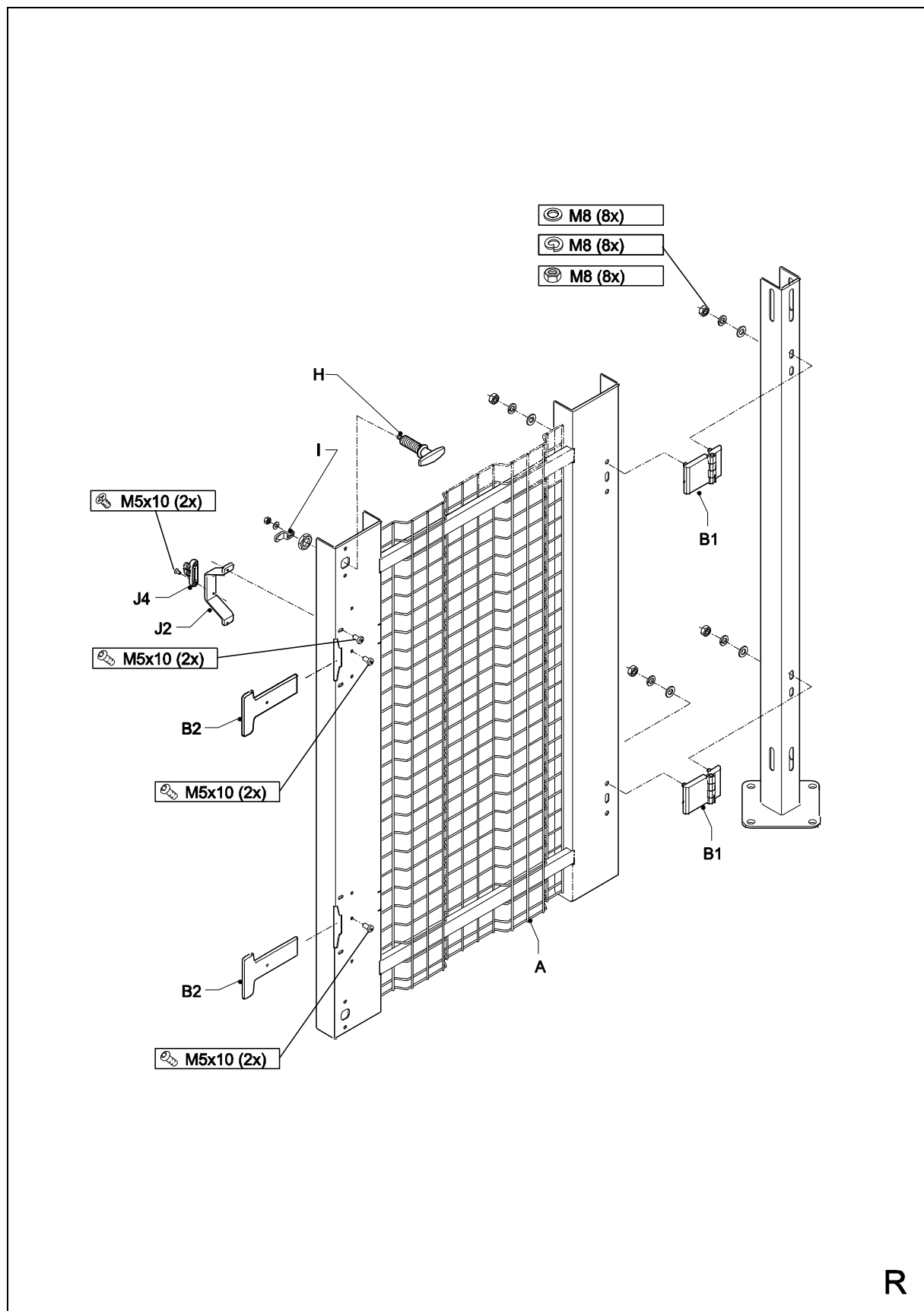
Parts list T-Grip (Optional)					
Pos	Qty.	Part number Steel	Part number Stainless	Description (parts)	Notes
D		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
E		AE0007817	AE0007817	Locking cam for single door	

Fasteners single hinged door H = 1020				
Qty.	Part number Steel	Part number Stainless	Description	Notes
4	1005064	1006206	Hex socket button screw	M5x10
2	1002258	1006209	Countersunk head screw	M5x10 hex socket
2	1000894	1006208	Hex socket head screw	M5x16
2	1000380	1003156	Plain washer	M5
2	1000396	1003156	Spring lock washer	M5
6	1000276	1003145	Hex socket head screw	M6x16
4	1000174	1002719	Spring lock washer	M6
2	1001175	1002728	Hex head bolt	M8x20
12	1000149	1002720	Plain washer	M8
10	1000398	1001218	Spring lock washer	M8
10	1000327	1002451	Hex nut	M8

7.7 Exploded view double hinged door H = 1020 (L)



7.7 Exploded view double hinged door H = 1020 (R)



Parts list double hinged door H = 1020					
Pos	Qty.	Part number Steel	Part number Stainless	Description	Notes
A	1	AE0005135		Door 1020	W=730
	1	AE0005129		Door 1020	W=990
B	1	1005076	AE0005172	Mounting set incl. lock	
B1	2	1005077	1005077	Scew-on hinge 60 x 90	
B2	2	1005057	AE0005239	Door stopper	
C	1	1005537	AE0005181	Mounting set double door	Complement
C1	2	1005077	1005077	Scew-on hinge 60 x 90	
D	2	1005471	AE0005198	Locking pin handle	
E	2	1005472	AE0005189	Locking pin	
F	2	1005473	AE0005197	Locking pin guide	
G	1	1000229	1000229	Ground plate locking ping	
H		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
I		AE0007817	AE0007817	Locking cam for single door	
		AE0007726	AE0007726	Locking cam for double door	

Parts list door switch on double hinged door H = 1020

J	1	1005604	AE0005186	Mounting set door switch	double door
J1	1	1005602	AE0005180	Bracket switch AZ16/AZM161	on door panel
J2	2	1005063	AE0005175	Bracket actuator AZ16/AZM161	
J3	1	1000355	1000355	Switch AZ 16-02ZVK	
J4	2	1000898	1000898	Straight actuator AZ15/16-B1	

Parts list T-Grip

Pos	Qty.	Part number Steel	Part number Stainless	Description (parts)	Notes
K		AE0007725	AE0007725	T-grip without lock	excl.cam
		AE0007820	AE0007820	T-grip with universal lock	excl.cam
		AE0007821	AE0007821	T-grip with different lock	excl.cam
L		AE0007726	AE0007726	Locking cam for double door	

Fasteners double hinged door H = 1020

Qty.	Part number Steel	Part number Stainless	Description	Notes
6	1000894	1006208	Hex socket head screw	M5x16
6	1002258	1006209	Countersunk head screw	M5x10 hex socket
22	1005064	1006206	Hex socket button screw	M5x10
6	1000380	1003156	Plain washer	M5
6	1000396	1003156	Spring lock washer	M5
16	1000149	1002720	Plain washer	M8
16	1000398	1001218	Spring lock washer	M8
16	1000327	1002451	Hex nut	M8



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