4.1

2	23	27	36	41
1x	2x	2x	2x	3x
	for M3	for M8	M3 x 14	M6 x 10

26	43	55	56	59
2x	2x	2x	2x	1x
for M6	M6 x 25	M6 x 10		

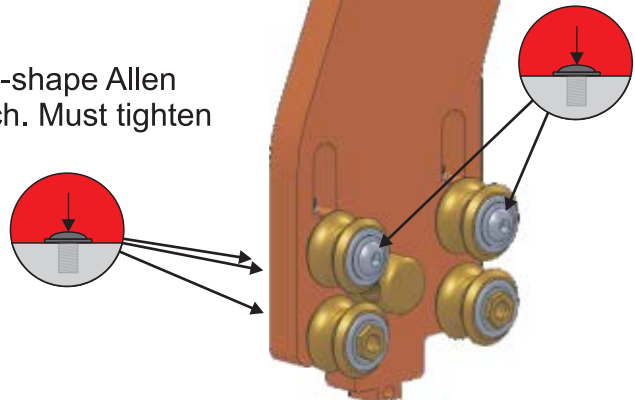Use 4 track roller bags

20	53	57
8x	4x	4x

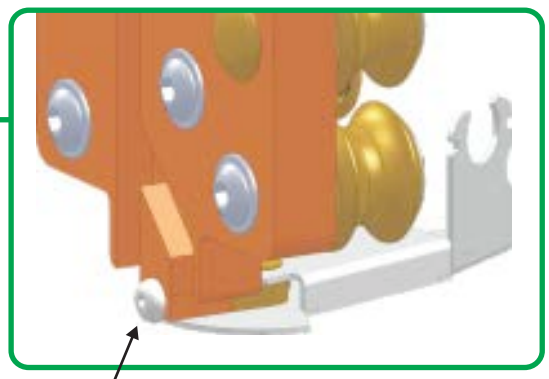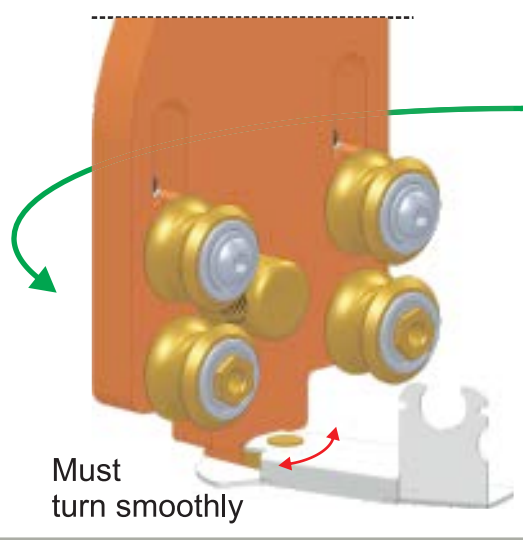Keep parts in each bag together!

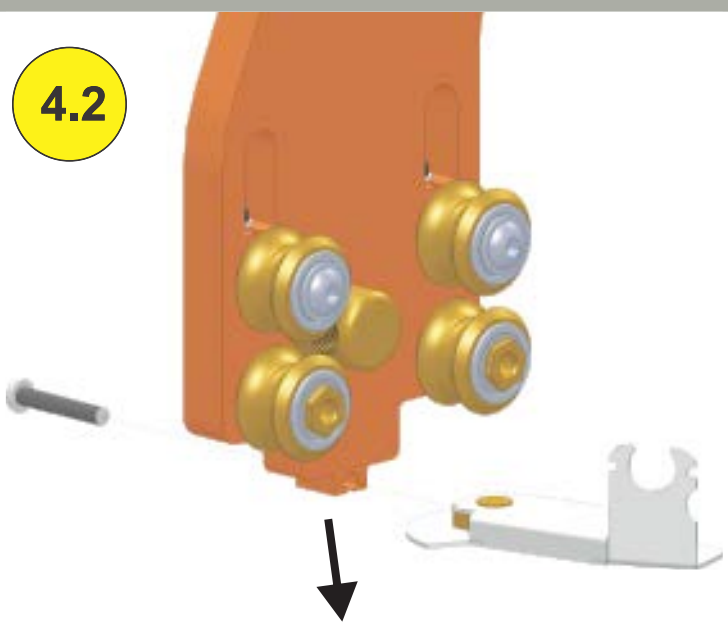**EXTRACT FROM CONSTRUCTION MANUAL**
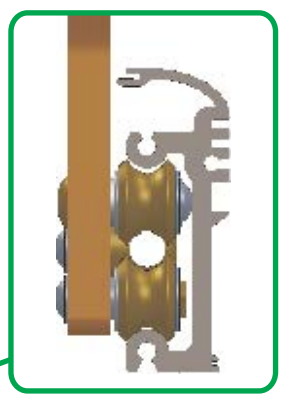
for M8

for M6
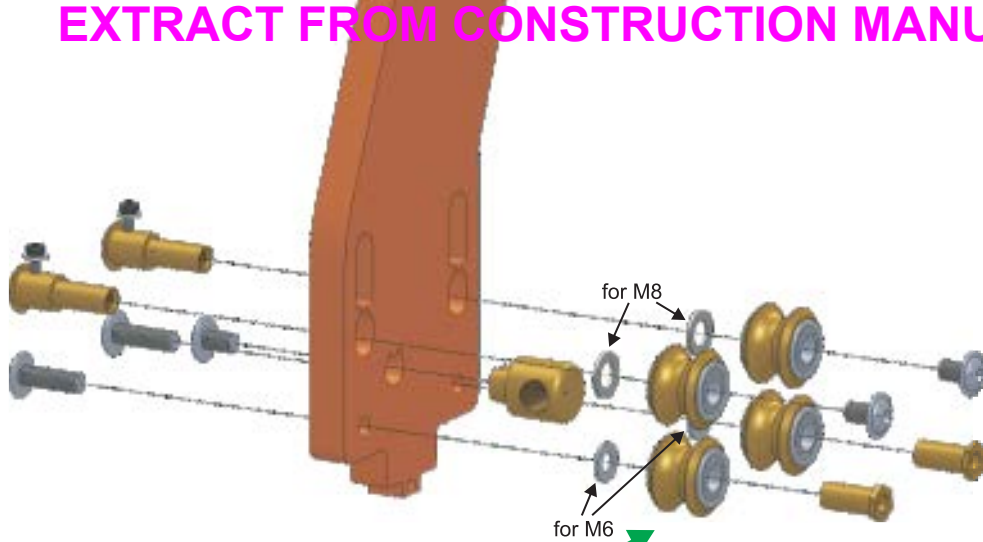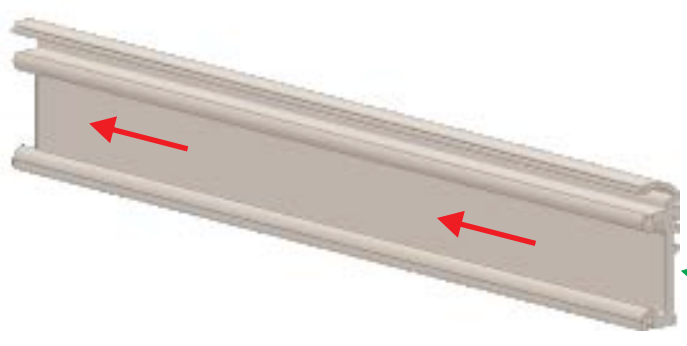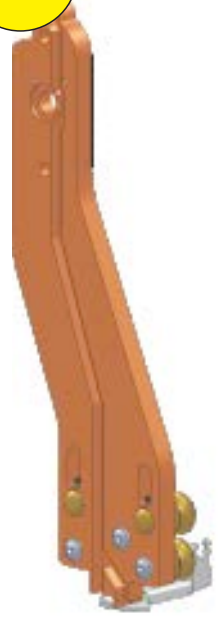
4x

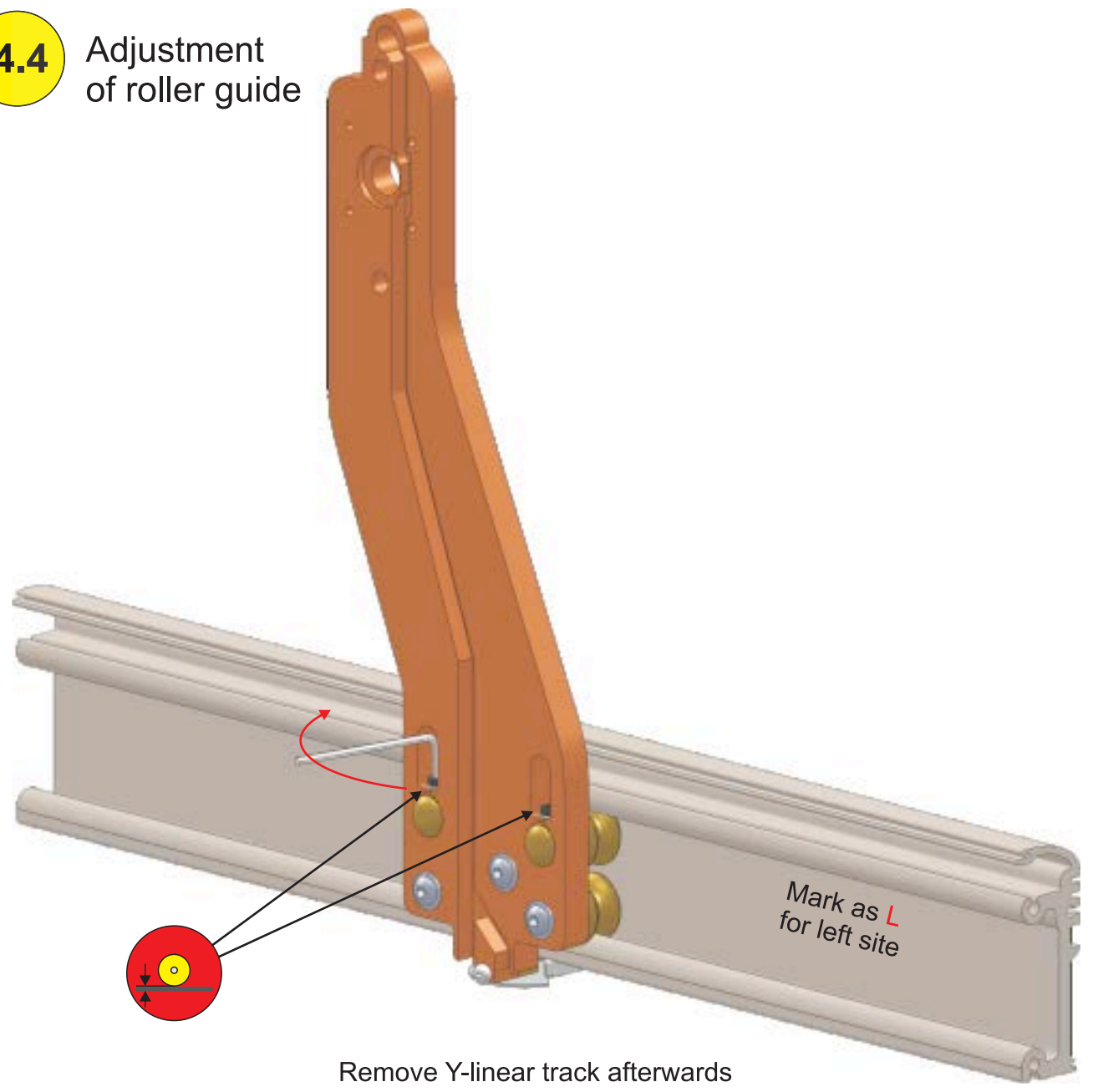Use L-shape Allen wrench. Must tighten firmly!

4.2

30 1x
35 1x
M4 x 25

Must
turn smoothly

4.3

10 1x

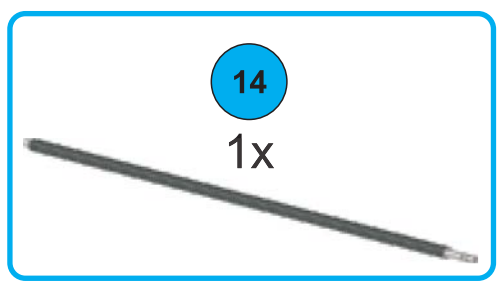**4.4** Adjustment of roller guide

Mark as L for left site

Remove Y-linear track afterwards

4.5 Y-lead screw nut alignment

Check lead screw edge for burr and remove
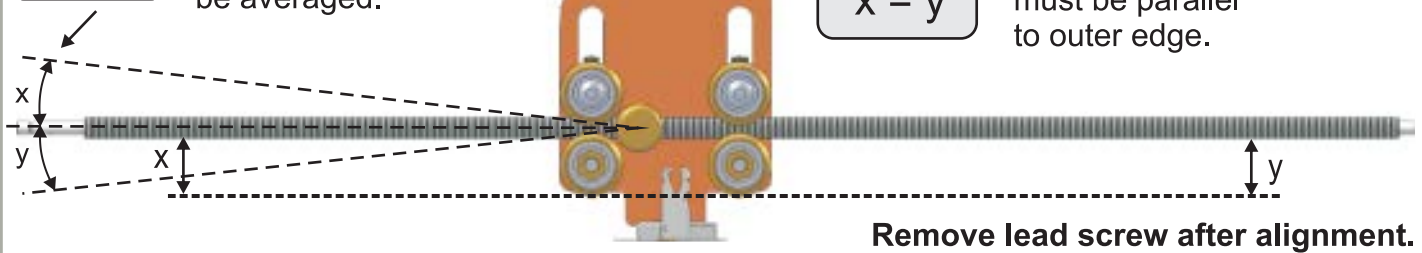
14

1x

2. Play in lead screw nut must be averaged.
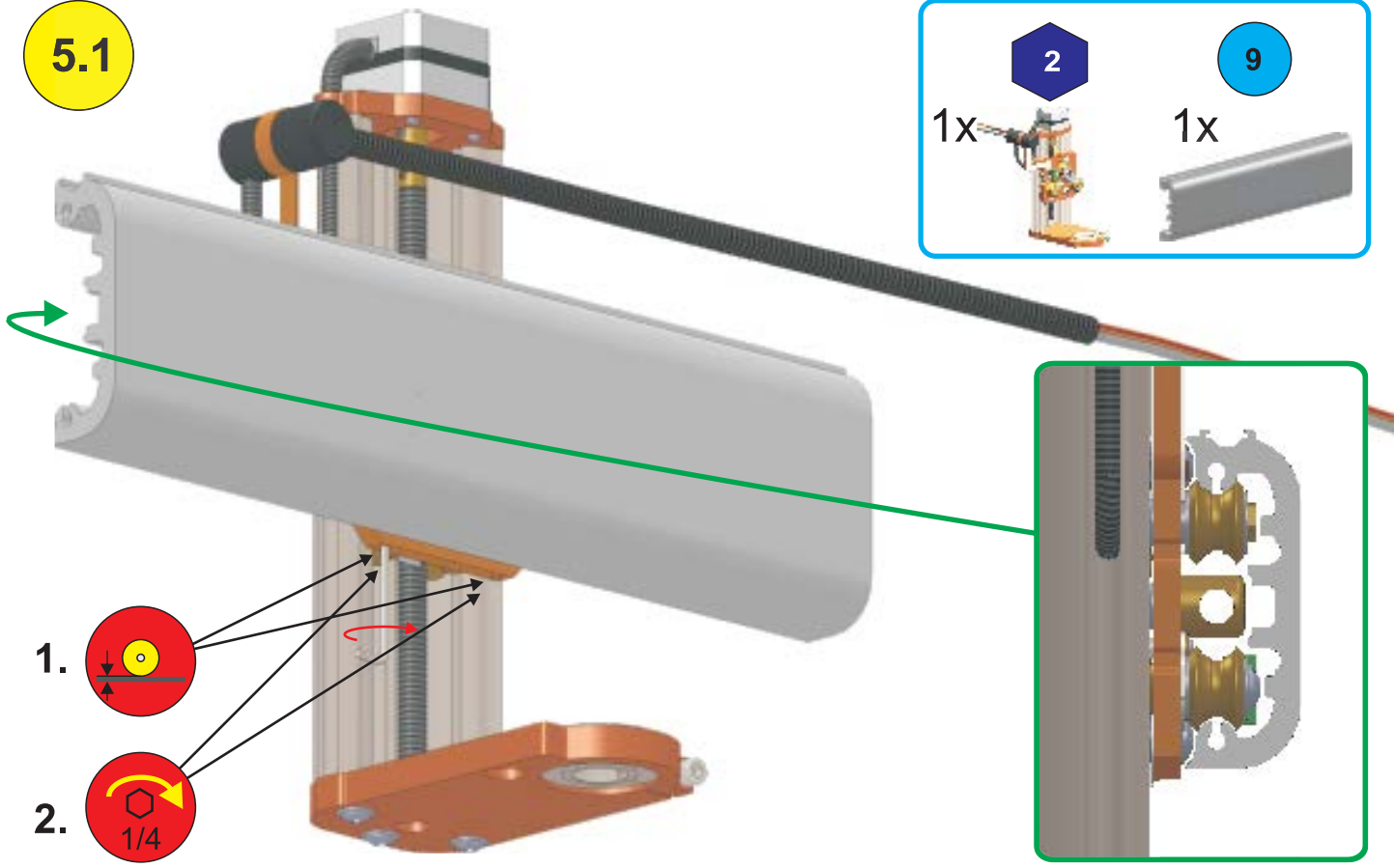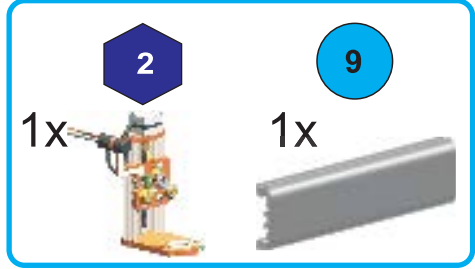
$x = y$

1. Lead screw must be parallel to outer edge.

$x = y$
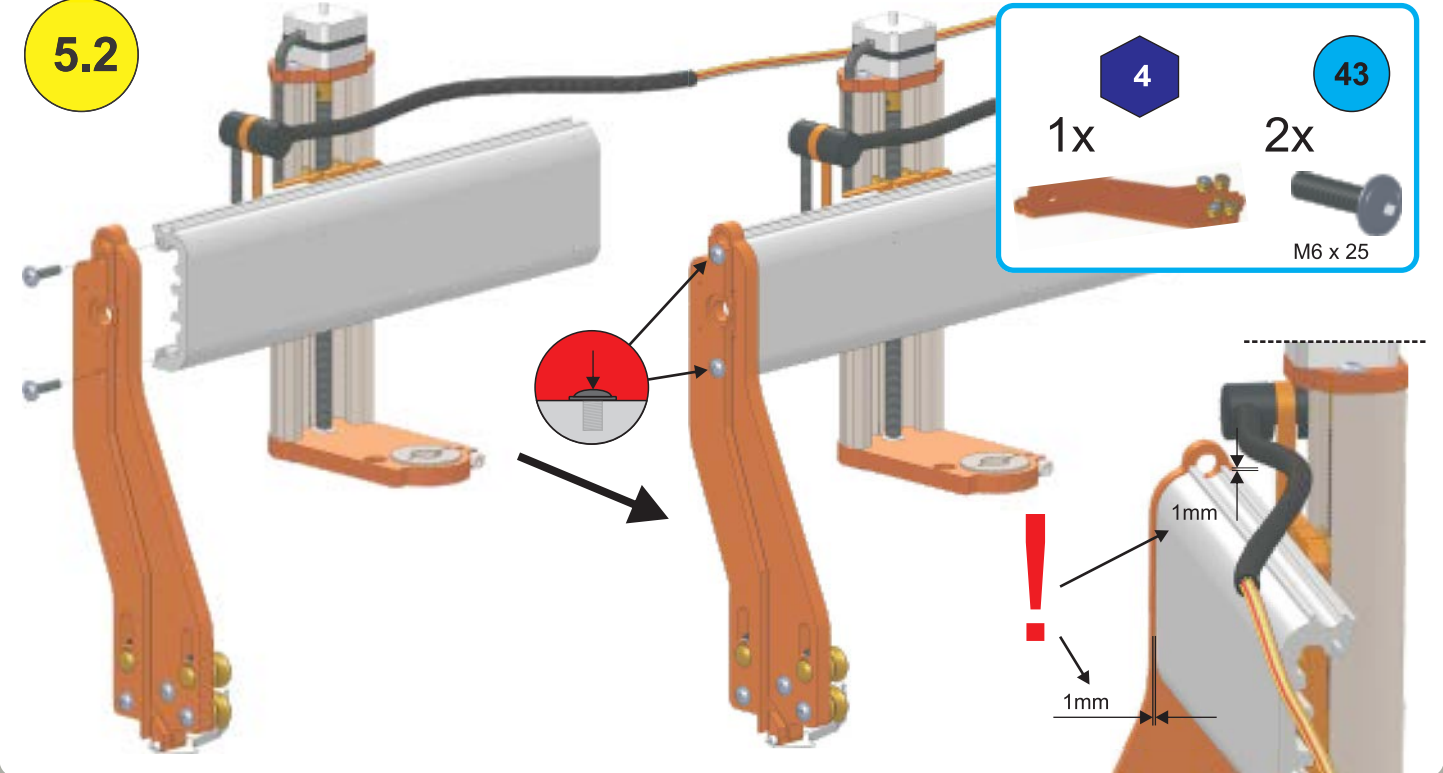
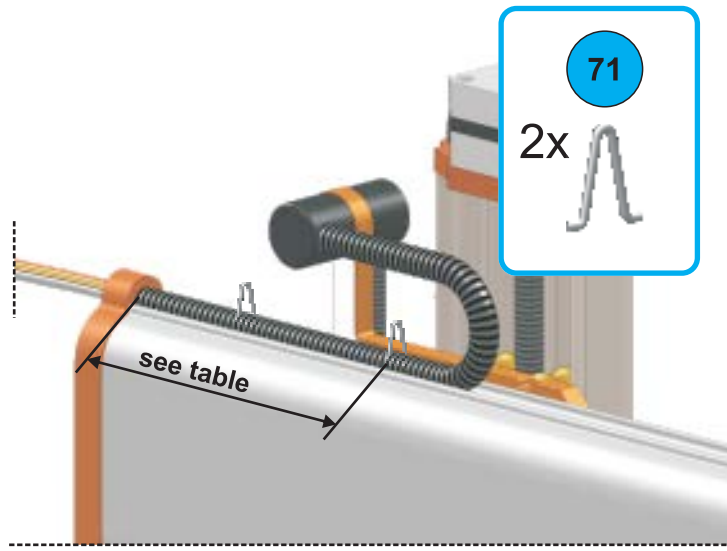x

y

x

y

Remove lead screw after alignment.

Gantry assembly

5

5.1

2 1x **9** 1x

1.

2. 1/4

5.2

4 1x **43** 2x

M6 x 25

!

1mm

1mm
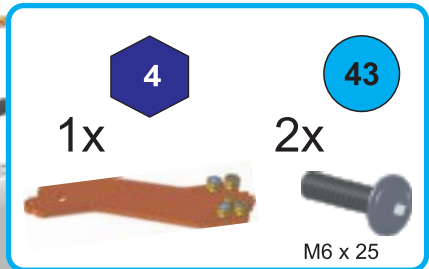
5.3 X-motor cable installation

71 2x

see table

Type	Distance
S300	120 mm
S420	155 mm
S600	205 mm
S840	280 mm

5.4

3 1x

43 2x

M6 x 25

!

1 mm distance
like step 5.2

5.5

B 1x

21 1x

5.6

33
4x

M3 x 16

4x

5.7
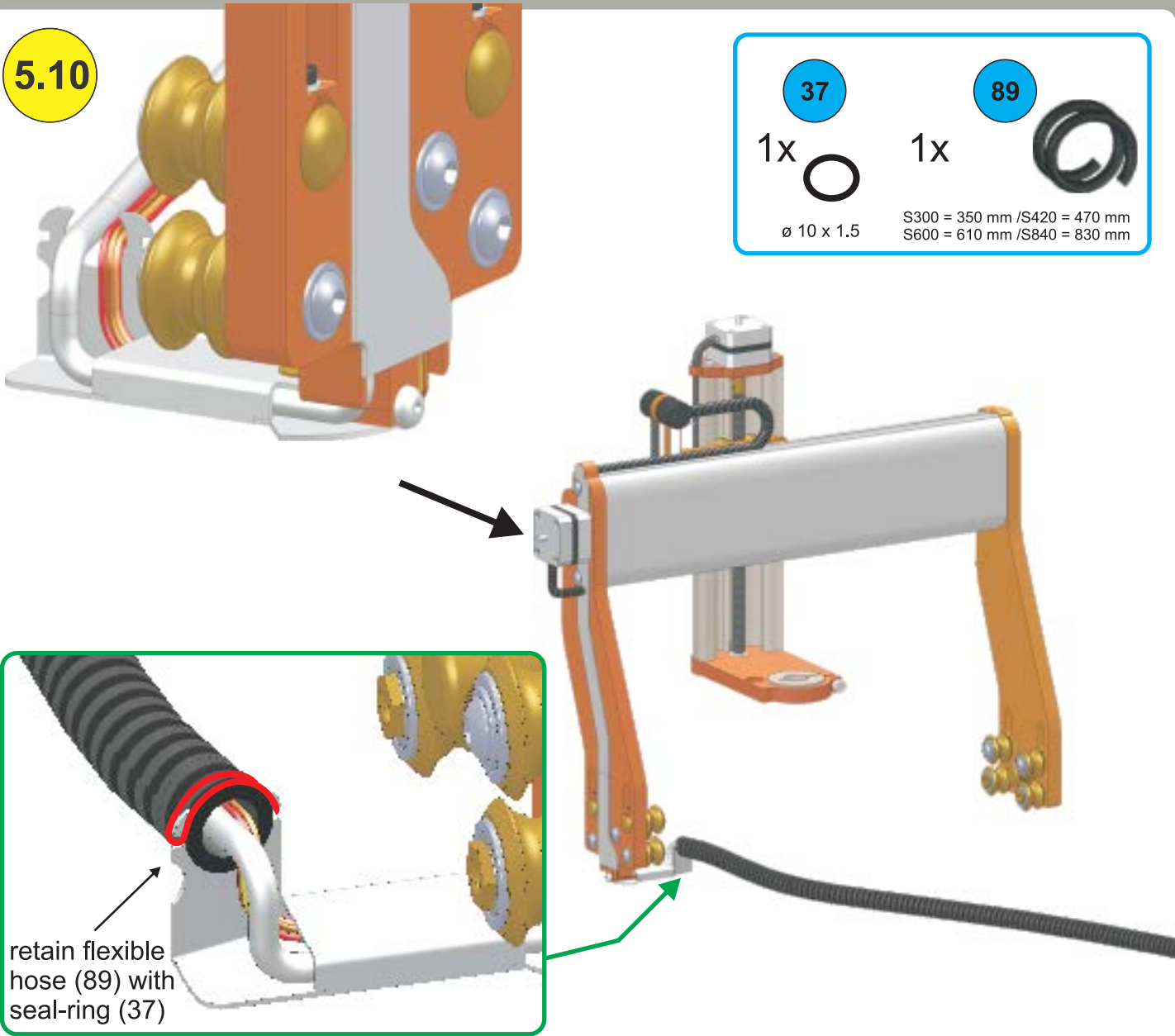
68
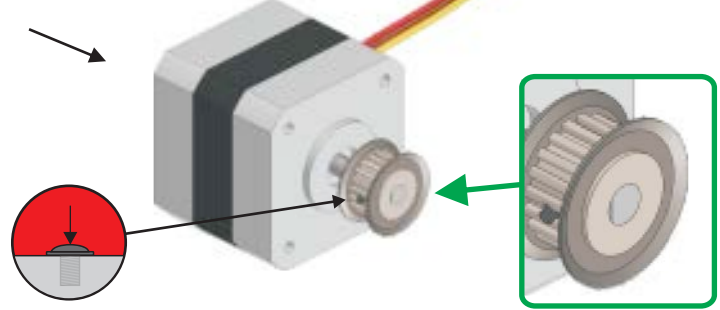1x
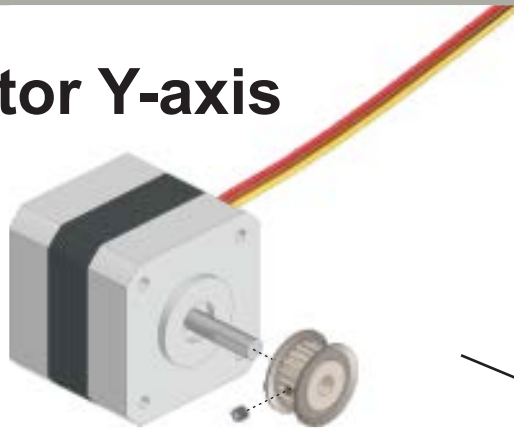
5.8

69
1x

5.9

70
1x

5.10

37
1x
ø 10 x 1.5
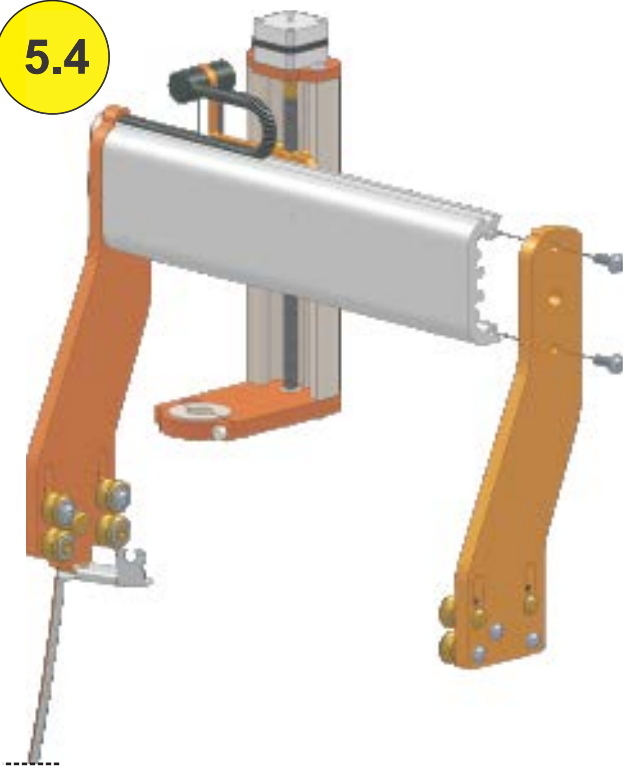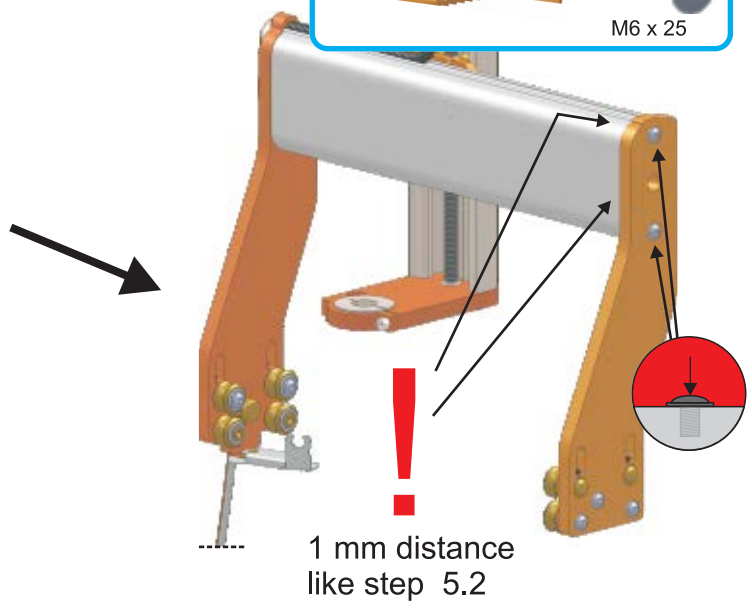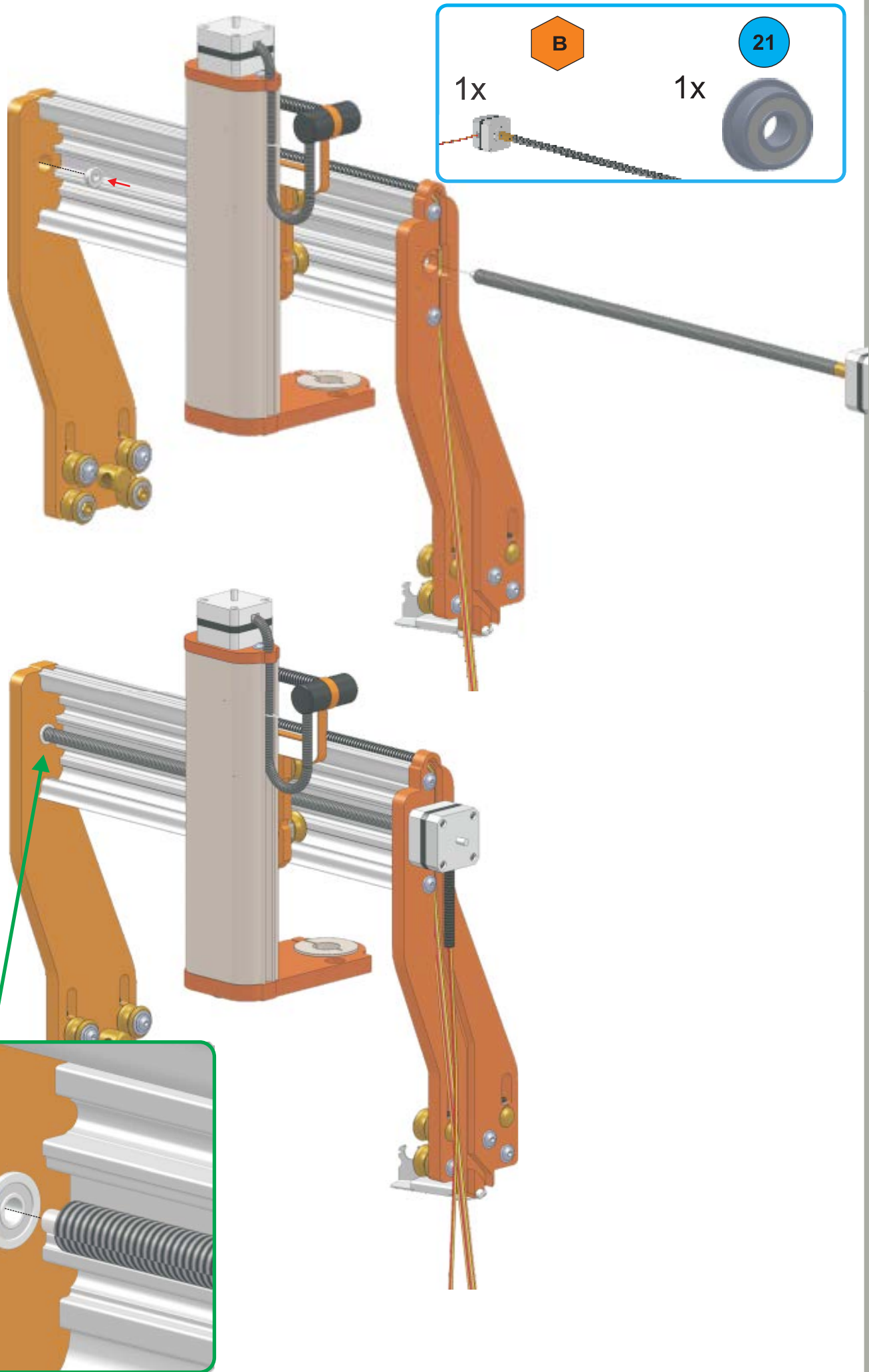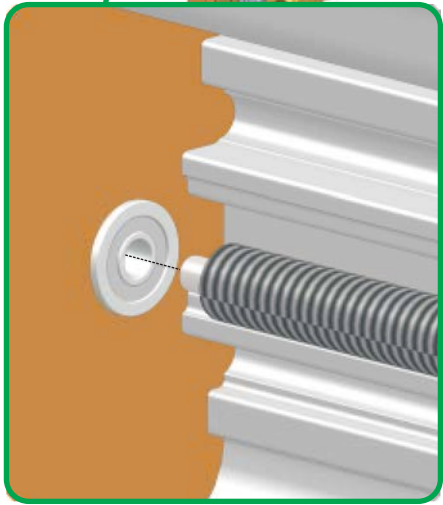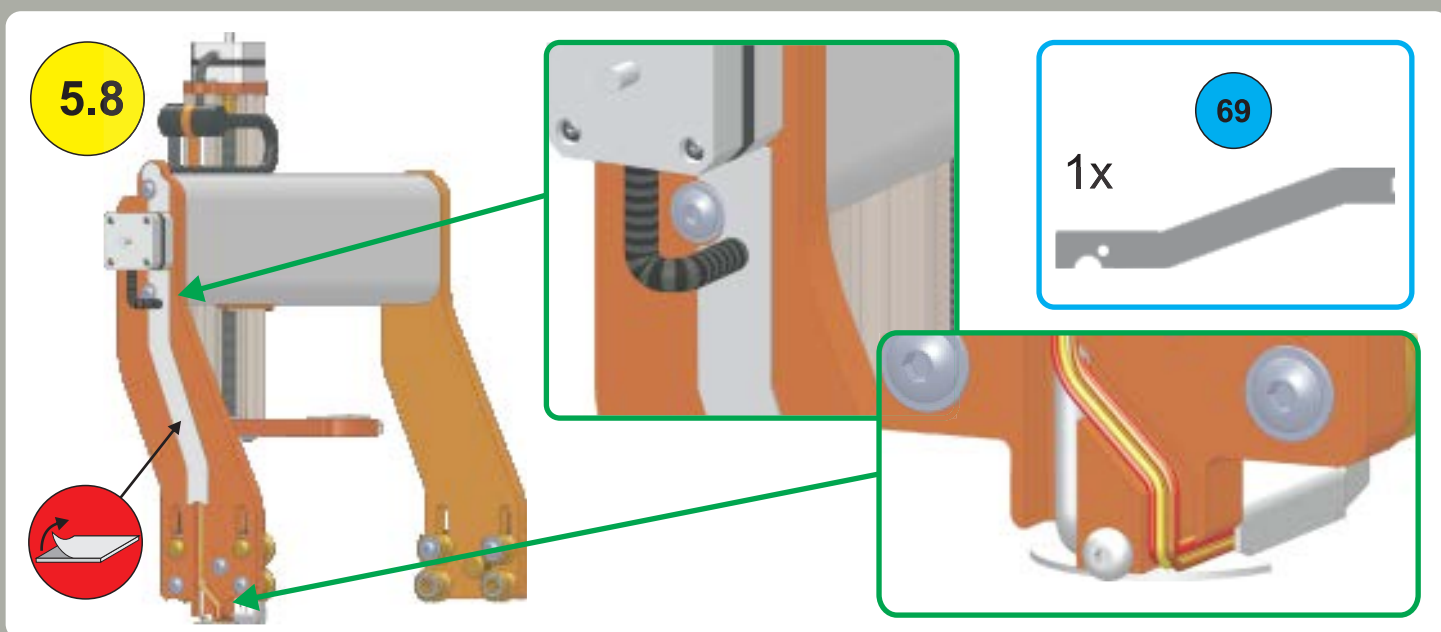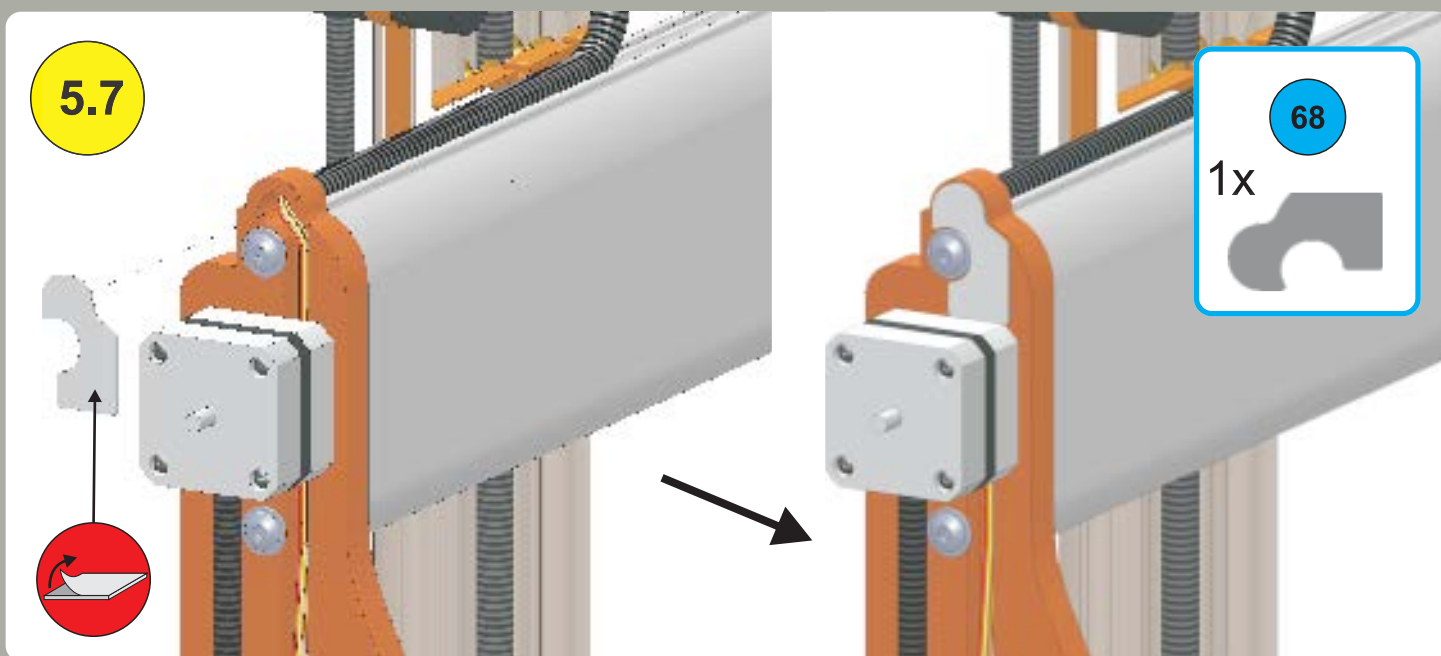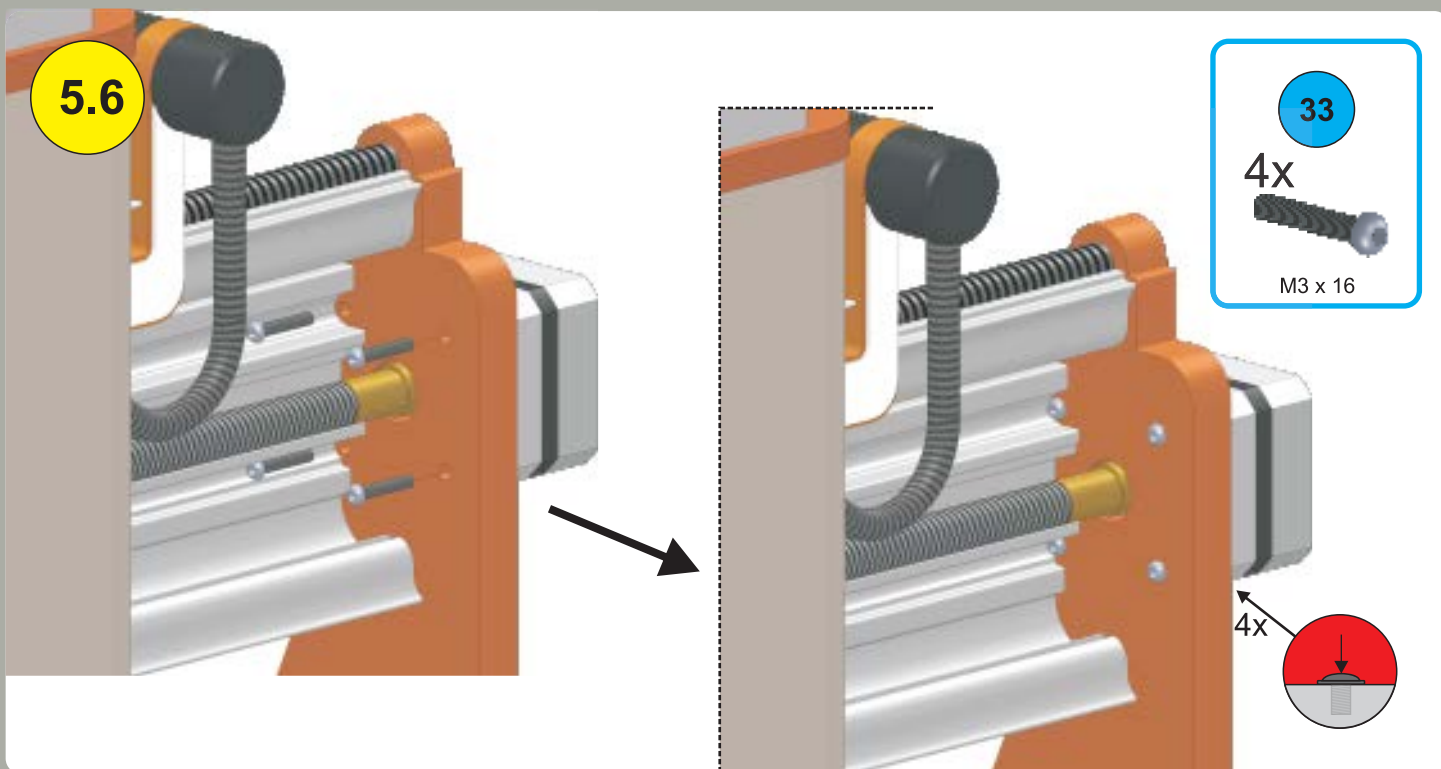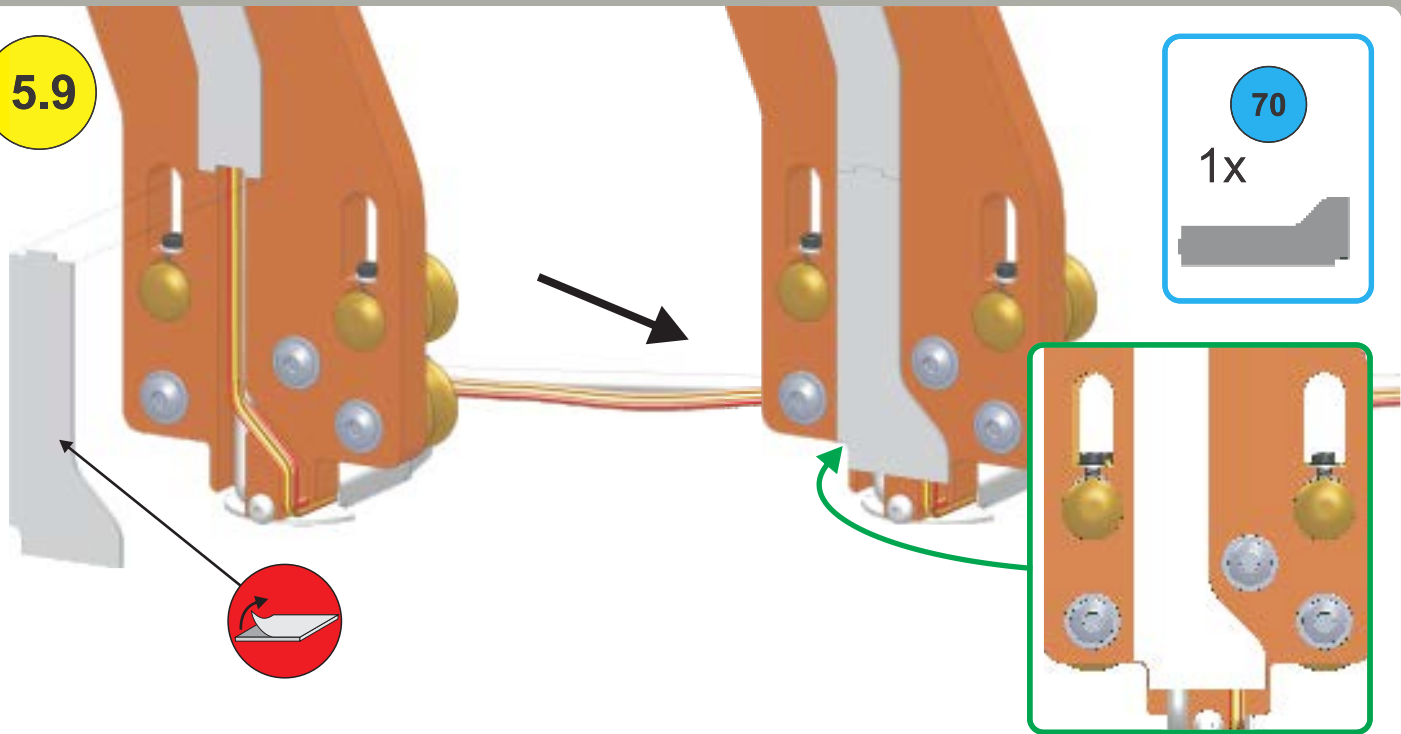
89
1x
S300 = 350 mm /S420 = 470 mm
S600 = 610 mm /S840 = 830 mm

retain flexible
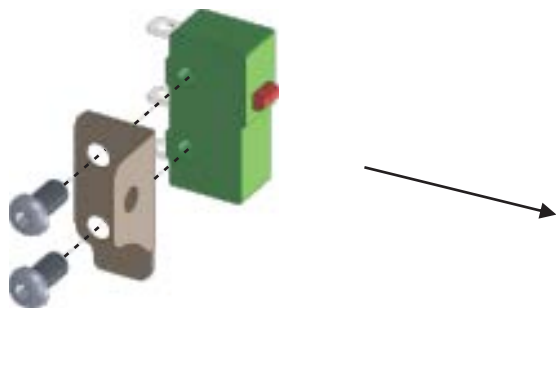hose (89) with
seal-ring (37)

C Motor Y-axis

C.1

44	62	83
1x	1x	1x
M3 x 5		

D End switch Y-axis

D.1

28	31	91
1x	2x	1x
	M3 x 6	

E Cover Y-axis

E.1

2x

64	11	63
4x	2x	4x

sc2-09
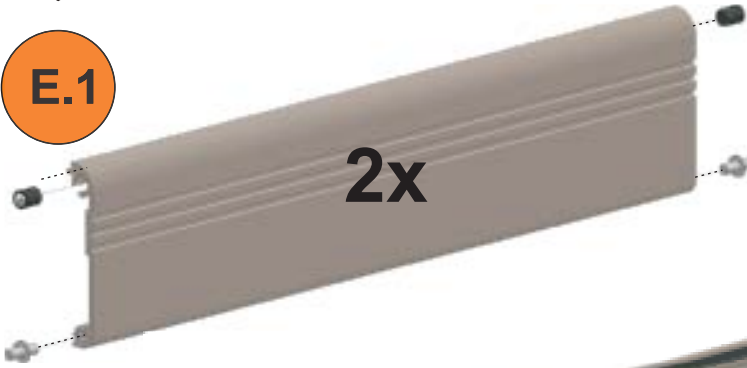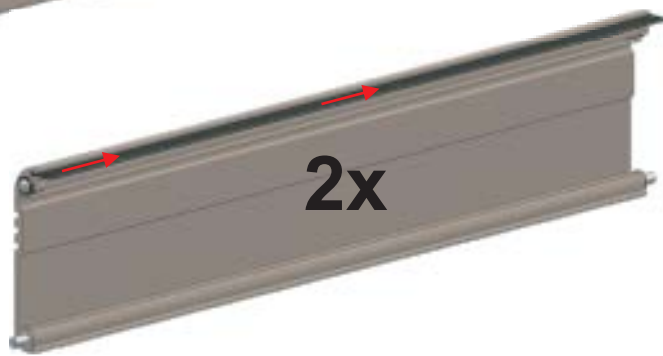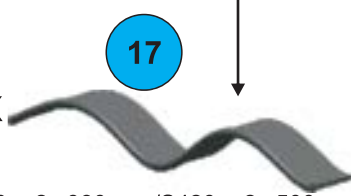
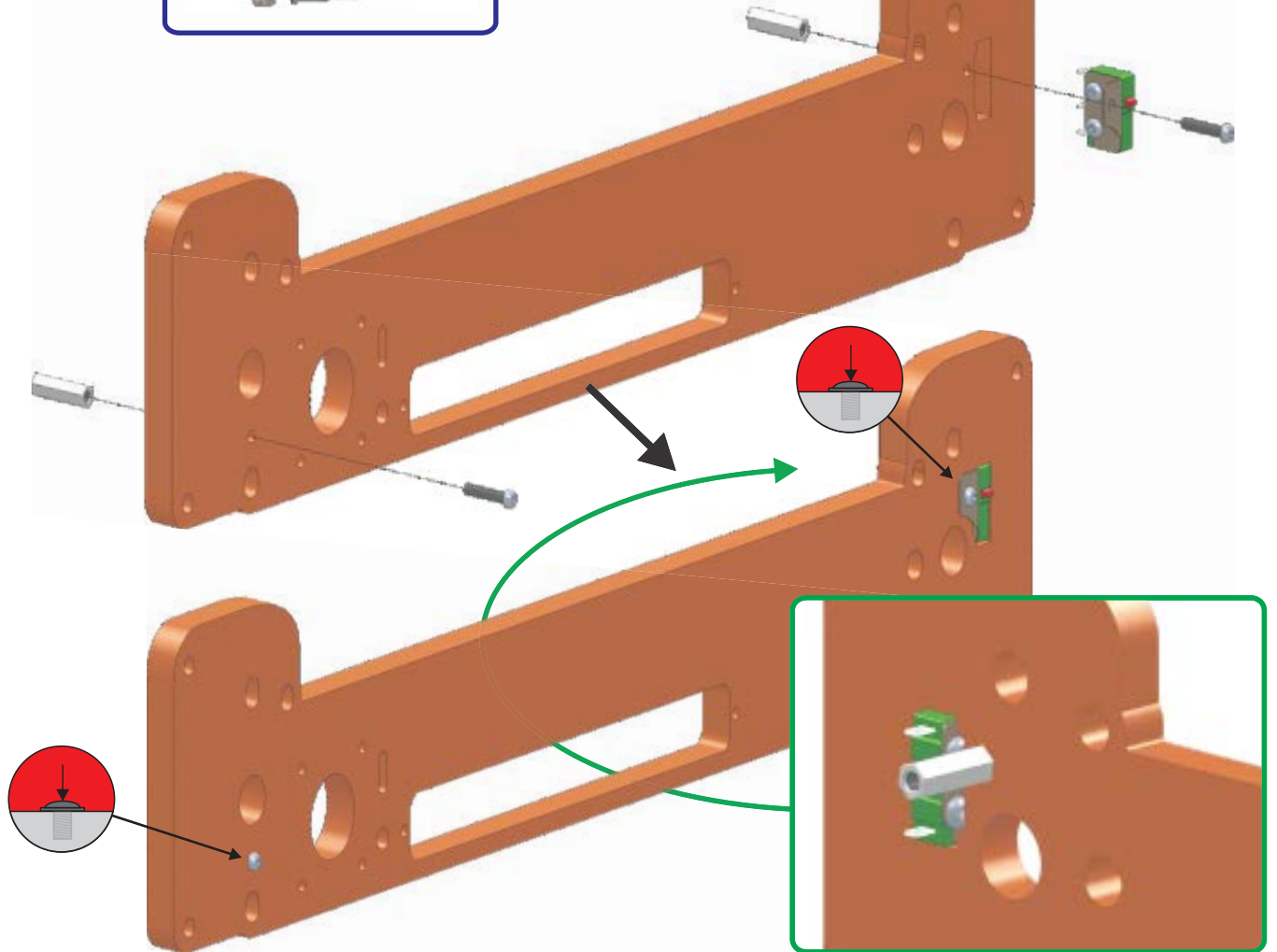Do not stretch before cutting!

E.2

2x

17
2x

S300 = 2x 380 mm/S420 = 2x 500 mm
S600 = 2x 680 mm/S840 = 2x 920 mm

6 Base frame

D 1x
5 1x
32 2x   M3 x 12
49 2x   M3 x 15

6.2

C 1x
32 4x   M3 x 12

4x