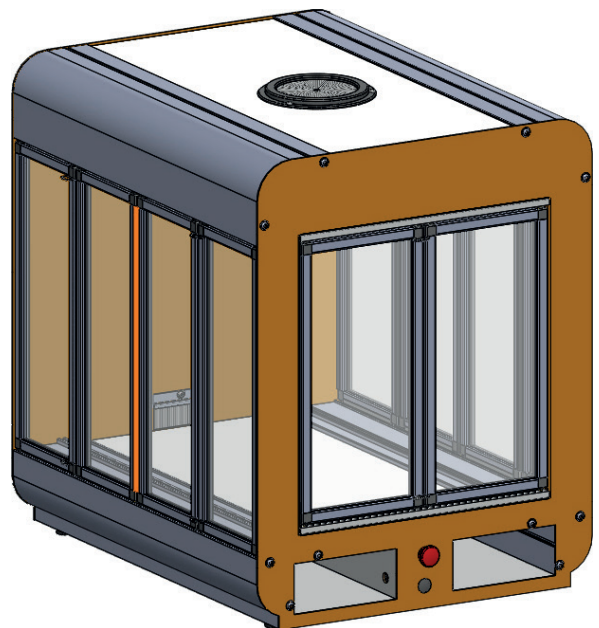


EASYBUILD- BAUANLEITUNG

UMHAUSUNG FÜR STEPCRAFT DESKTOP-CNC-/3D-SYSTEME BAUGRÖSSE 300/ 420



Original-Bauanleitung
Stand 01.07.2017

Lieber Kunde,

vielen Dank für den Kauf dieses qualitativ hochwertigen Bausatzes einer Umhausung Ihres **STEPCRAFT** Desktop-CNC-/3D-Systems. Diese Anleitung führt Sie Schritt für Schritt durch den Aufbau.

Lesen Sie vor dem Aufbau bitte die gesamte Anleitung vollständig durch. Auf diese Weise erhalten Sie einen Gesamtüberblick über die Bautätigkeiten und vermeiden gegebenenfalls unnötige Fehler. Beachten Sie genau, dass Sie die richtigen Teile in der richtigen Ausrichtung benutzen, da sich einige Teile nur minimal unterscheiden. Bitte nehmen Sie eine zweite Person bei der Montage zur Hilfe.

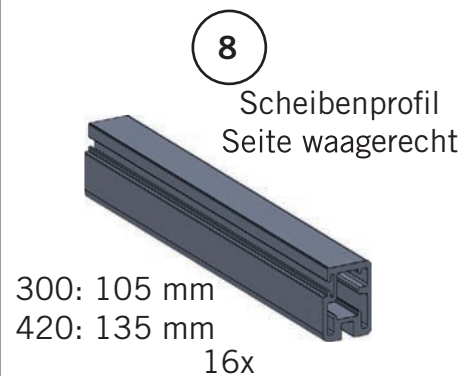
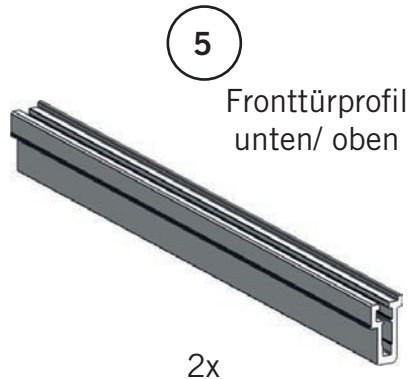
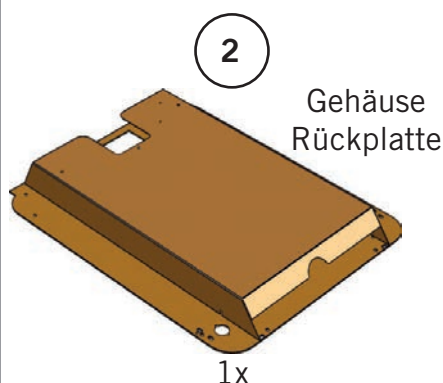
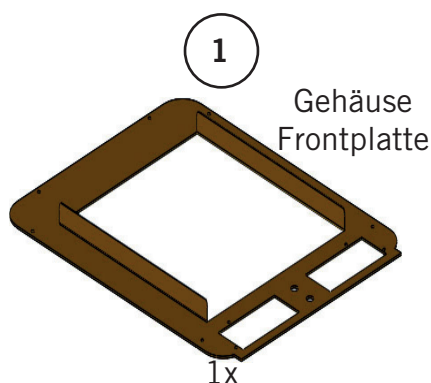
Prüfen Sie mithilfe der folgenden Liste die Vollständigkeit des Bausatzes. **STEPCRAFT** bietet in verschiedenen Abschnitten der Bauanleitung Videounterstützung an. Dazu scannen Sie einfach mit Ihrem Smartphone den abgebildeten QR-Code. Sollten Sie diese Möglichkeit nicht haben, geben Sie einfach die folgende URL in den Internetbrowser ein:

www.stepcraft-systems.com/enclosure/xx-xx (ersetzen Sie xx-xx durch das Kürzel unter dem QR-Code).

Alle Angaben wurden sorgfältig erstellt und überprüft. Für eventuelle Schäden an Material oder Personen durch den Eigenbau der Umhausung übernehmen wir keine Haftung. Für den sicheren Betrieb Ihres **STEPCRAFT** Desktop-CNC-/3D-Systems und seiner Zusatzkomponenten sind Sie selbst verantwortlich.

Vor Inbetriebnahme der Umhausung müssen Sie die Betriebsanleitung gelesen und verstanden haben!

Inhalt des Bausatzes (Abbildungen nicht maßstabsgetreu)



10

Scheibenprofil
Front senkrecht
m. Griff

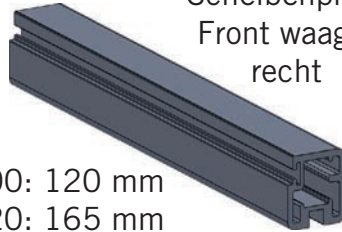
300: 302 mm
420: 372 mm
1x



11

Scheibenprofil
Front waage-
recht

300: 120 mm
420: 165 mm
4x



12

Dichtungsprofil
(Silikon)

300: 4,50 m
420: 5,50 m

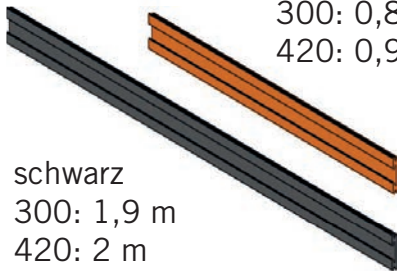


13

Gelenkprofil
(Silikon)

orange
300: 0,8 m
420: 0,9 m

schwarz
300: 1,9 m
420: 2 m

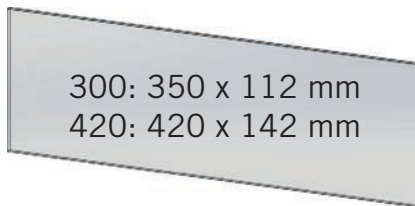


14

Seitenscheibe

300: 350 x 112 mm
420: 420 x 142 mm

8x

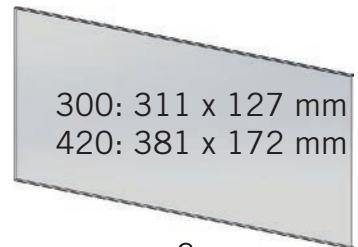


15

Frontscheibe

300: 311 x 127 mm
420: 381 x 172 mm

2x

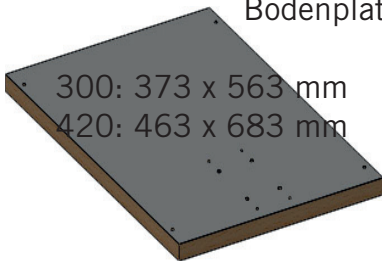


16

Bodenplatte

300: 373 x 563 mm
420: 463 x 683 mm

1x



17

Bodenplatten-
rippe

300: 0x
420: 2x

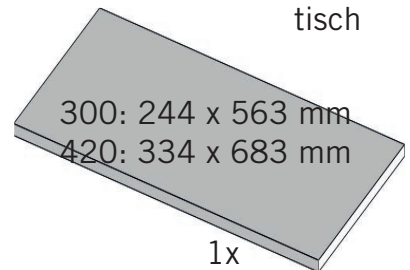


18

Maschinen-
tisch

300: 244 x 563 mm
420: 334 x 683 mm

1x

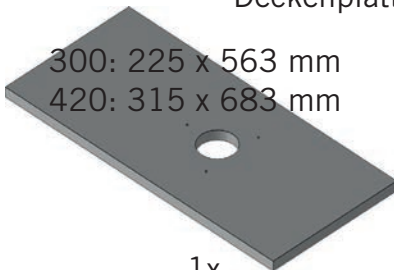


19

Deckenplatte

300: 225 x 563 mm
420: 315 x 683 mm

1x



20

Kunststoffecke

45x



21

Kreisbürste

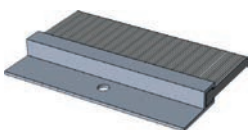
1x



22

Streifenbür-
ste Kabelaus-
gang

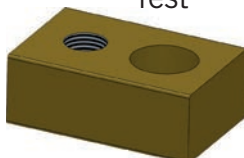
1x



23

Nutenstein,
fest

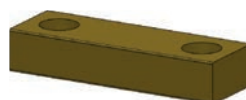
6x



24

Nutenstein,
lose

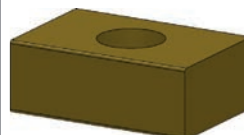
4x



25

Nutenstein,
lose außen

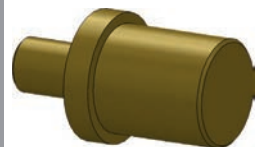
6x



26

Gelenkzapfen

20x



27

Türgriff



10x

28

Druckstück



10x

29

Kunststofffuß



4x

30

Zylinderkopfschraube
M6 x 30 mm



4x

31

Zylinderkopfschraube
M5 x 30 mm



6x

32

Flanschkopfschraube
M5 x 12 mm



2x

33

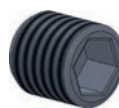
Flanschkopfschraube
M6 x 20 mm



20x

34

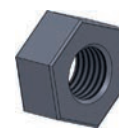
Gewindestift
M4 x 5 mm



6x

35

Mutter M5



6x

36

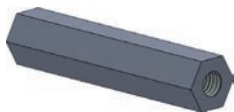
Abstandsbolzen
M3 x 10 mm



2x

37

Abstandsbolzen
M5 x 50 mm



1x

38

Linsenkopfschraube
M3 x 6 mm



4x

39

Holzdübel



300: 0x
420: 4x

40

Verbindungs-
Steckbolzen



300: 0x
420: 4x

41

Verschluss-
schraube



300: 0x
420: 4x

42

Endschalter mit
Kabelzuleitung



3x

43

Kabelschlauch
6/4 mm



2,60 m

44

Not-Aus-Schal-
ter



1x

45

Not-Aus-Kabel



300: 0,75 m
420: 0,88 m

46

Controllerpla-
tine



1x

47

Lochstopfen
8 mm



1x

48

Lochstopfen
36 mm



1x

49

15 pol. Sub-D-
Kabel



1x

50

Holzschraube
3,5 x 15 mm



3x

51

Massekabelset
inkl. Fächerschei-
be



1x

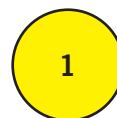
Erklärung der in der Anleitung verwendeten Symbole und Hinweise:



= Bauabschnitt



= Baugruppe



= Arbeitsschritt



= Bauabschnittansicht



= Benötigte Bauteile für diesen Arbeitsschritt



= Vergrößerte Detailansicht/ Vormontage der Bauteile



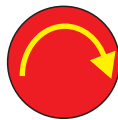
= Schrauben festziehen.



= Schrauben nur lose einsetzen.



= Achtung! Besonders sorgfältig arbeiten.



= Im Uhrzeigersinn festdrehen.



= Schutzfolie lösen und selbstklebendes Bauteil aufkleben.



= Bauteil mit Sekundenkleber fixieren, sparsam verwenden, darf nicht auf Lauf- und Lagerflächen gelangen.



= Entgraten.



= Etwas Spülmittel auf die gezeigte Stelle auftragen.

Benötigtes Werkzeug und Material:



- Nadelfeile (wird mitgeliefert)
- Inbusschlüssel 2,0 mm
- Inbusschlüssel 3,0 mm
- Inbusschlüssel 4,0 mm
- Inbusschlüssel 5,0 mm

- Maulschlüssel 5,5 mm
- Maulschlüssel 8 mm
- Gummihammer
- Kreuzschlitzschraubendreher
- Sekundenkleber

Unterschiede bei den Baugrößen 300 und 420:

Die Abbildungen in dieser Bauanleitung sind exemplarisch und basieren auf der Umhausung für die Baugröße 420.

Die Baugruppe A sowie die Bauschritte 1.1 und 1.2 entfallen bei der Baugröße 300!

Bitte beachten Sie auch die unterschiedlichen Maße der einzelnen Bauteile!



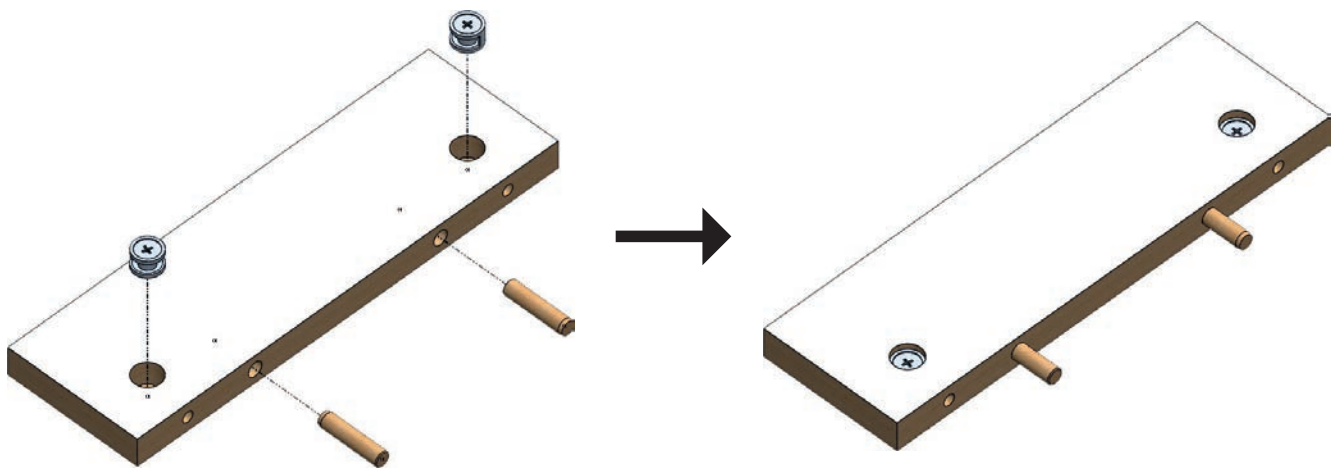
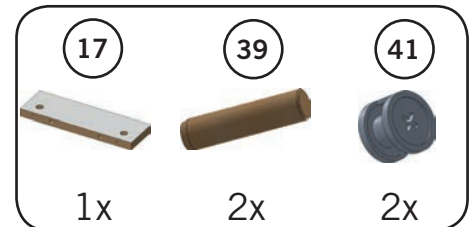
1



Grundrahmen

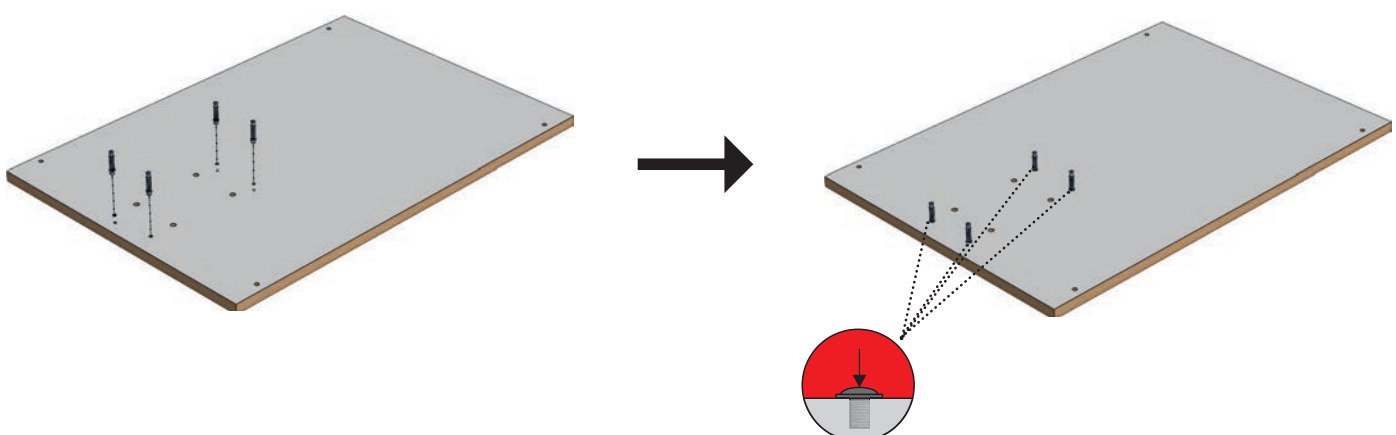
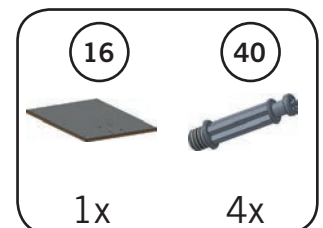
Baugruppe A sowie Bauschritte 1.1 und 1.2 nur
Baugröße 420!

A

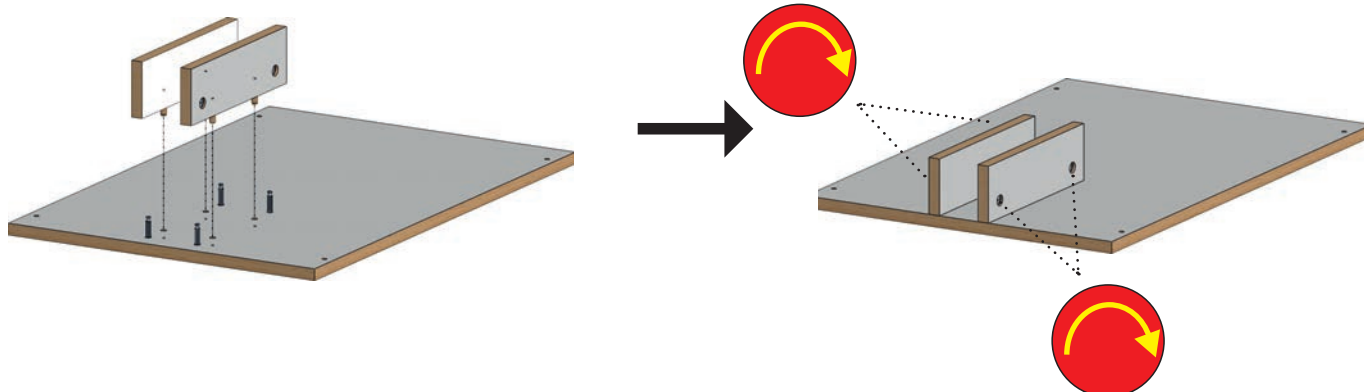
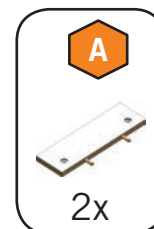


! Bitte 2x anfertigen !

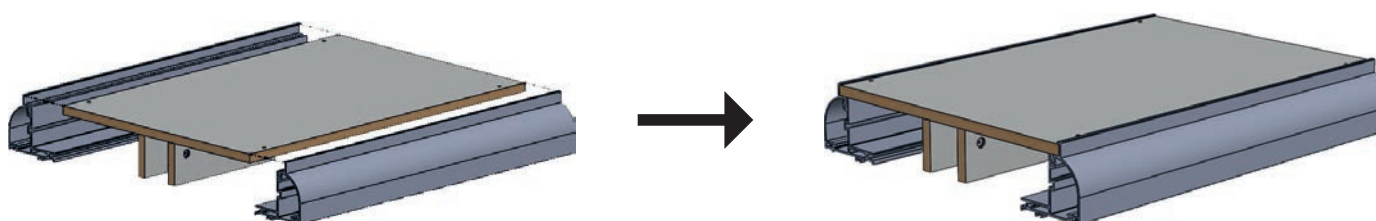
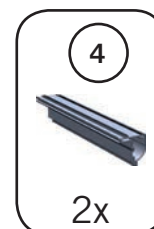
1.1



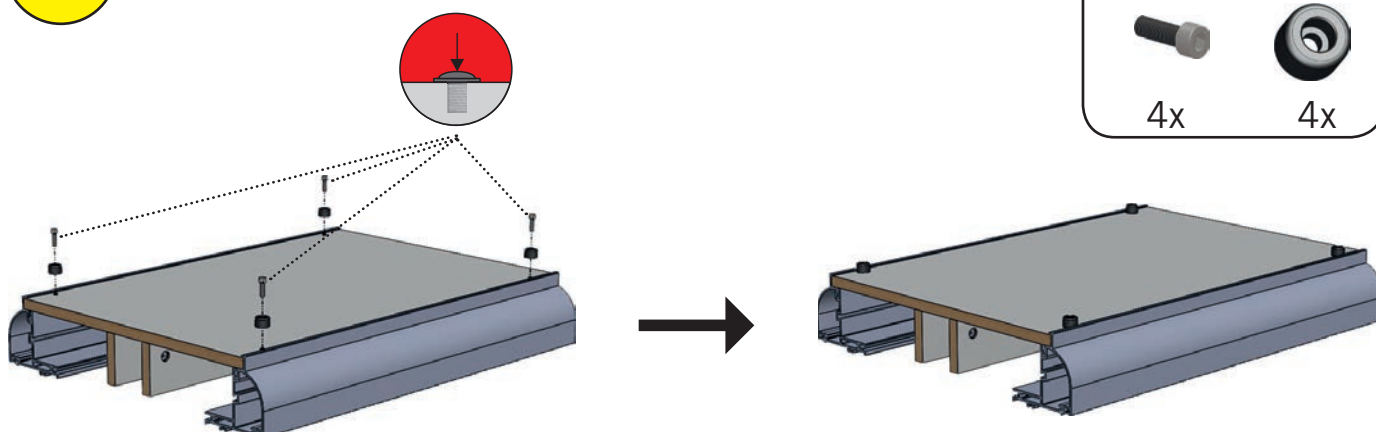
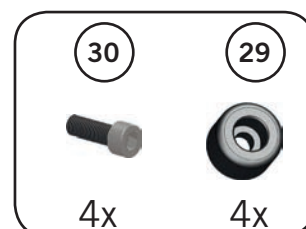
1.2



1.3

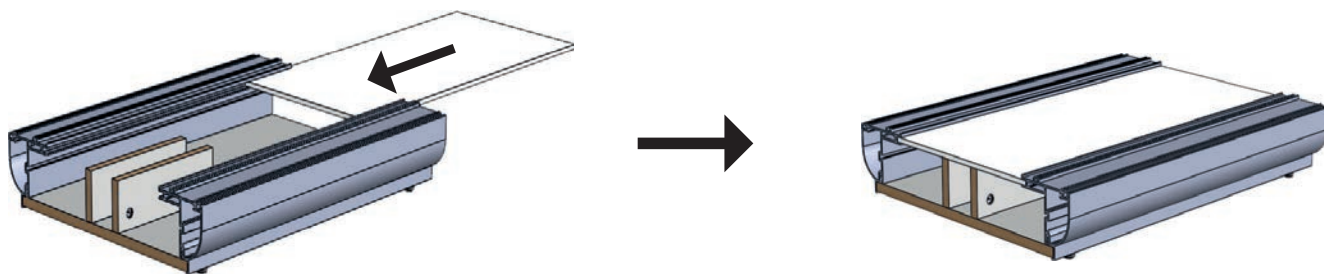


1.4



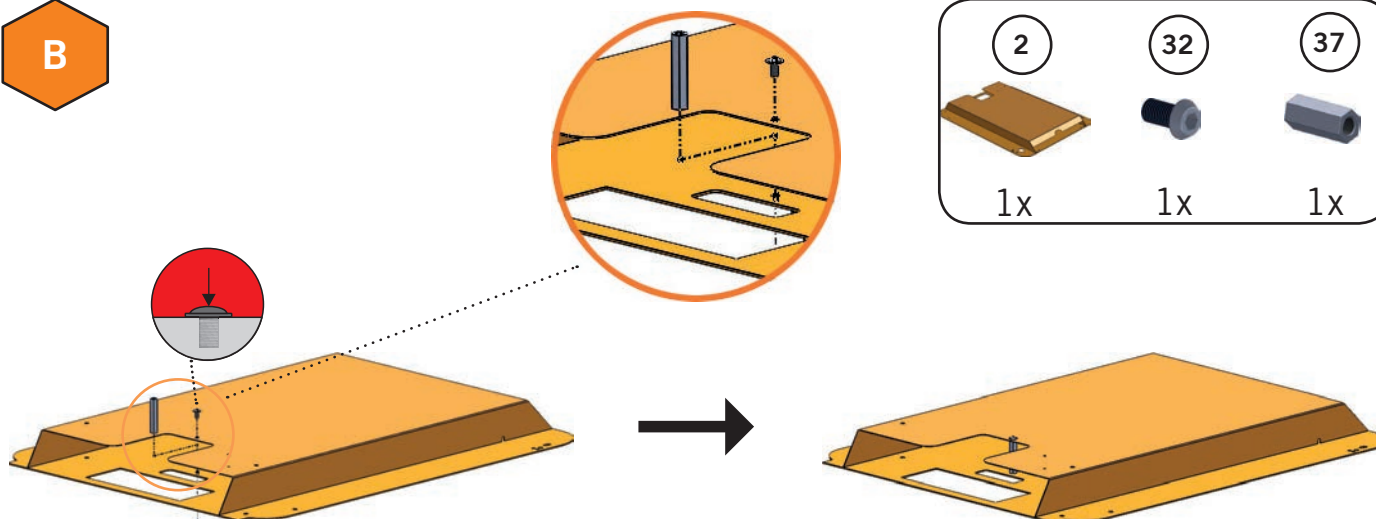
1.5

18
1x



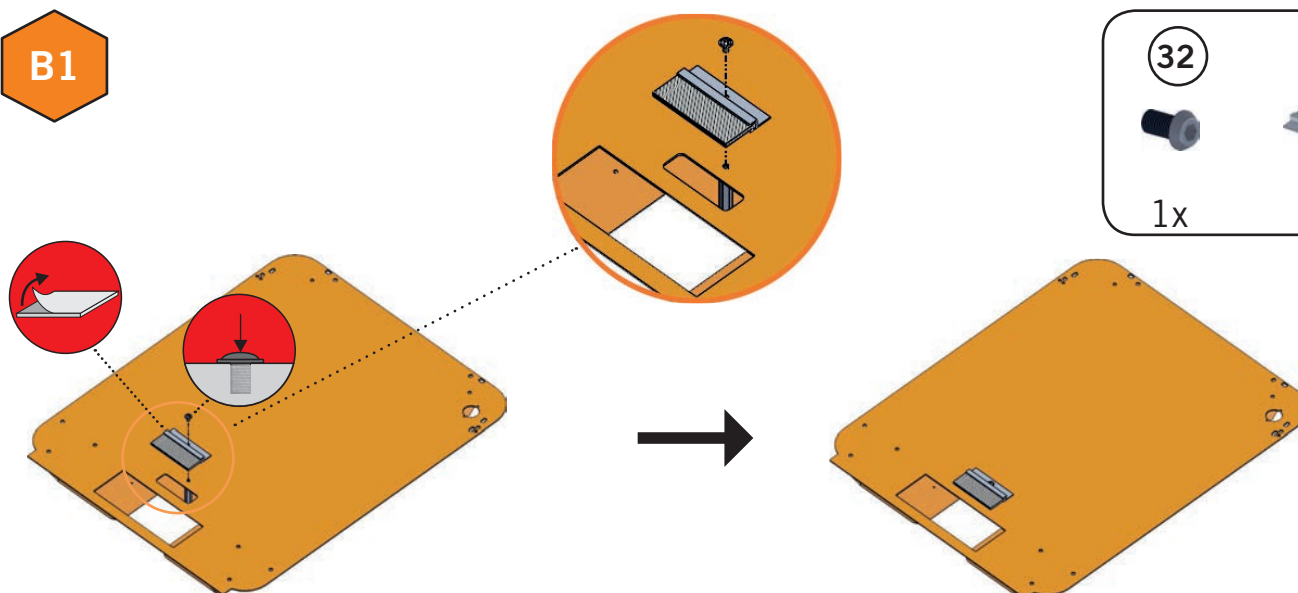
B

2 32 37
1x 1x 1x

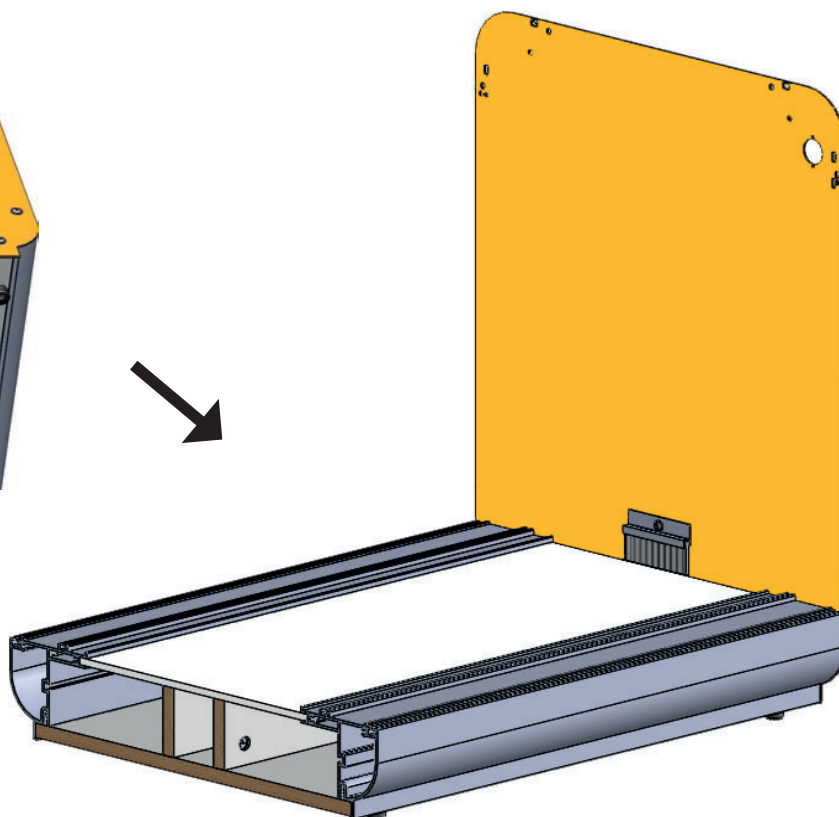
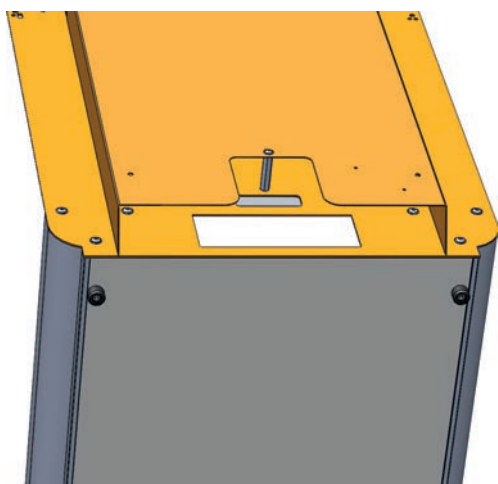
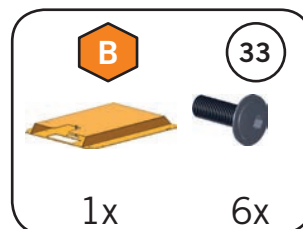
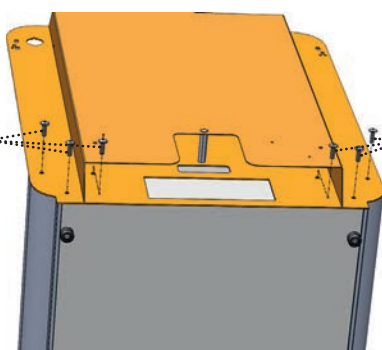


B1

32 22
1x 1x



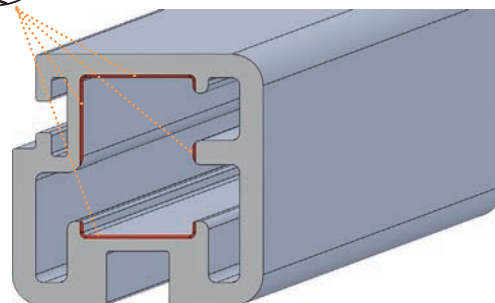
1.6



Vorbereitende Maßnahmen für alle Türen:



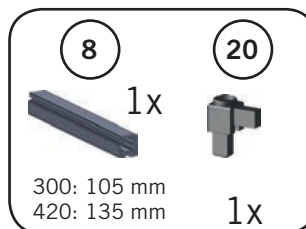
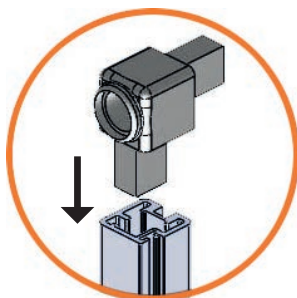
Bei der Montage der Kunststoffecken ist es besonders wichtig, dass bevor diese montiert werden, sämtliche Profile an den Führungskanten mit der im Bausatz enthaltenen Nadelfeile entgratet werden, um ein Blockieren durch aufgeriebene Kunststoffspäne zu vermeiden.



C

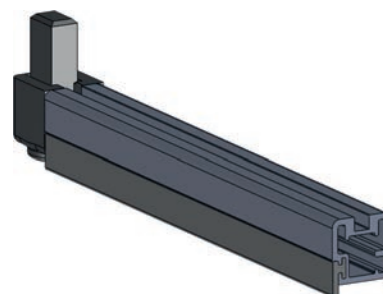
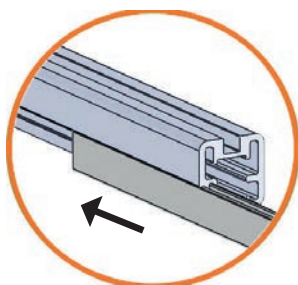
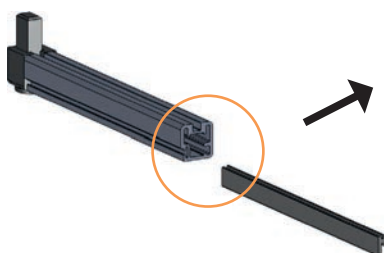


Bitte exakte
Länge beachten!
105/ 135 mm !

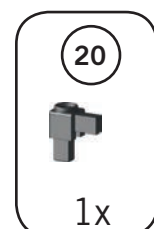
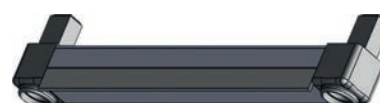
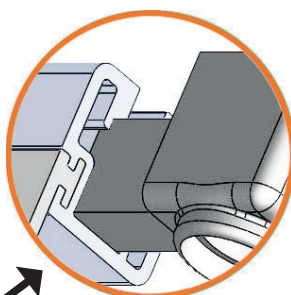
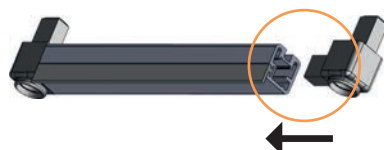


Zur leichteren Montage der
Kunststoffecken drehen
Sie bitte das Profil und
klopfen mit dem Gum-
mihammer das Profil auf
die Ecke!

C1



C2

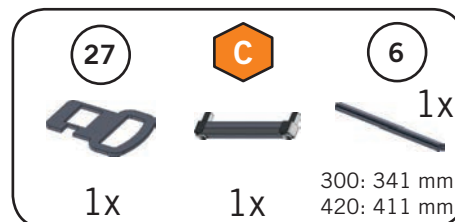
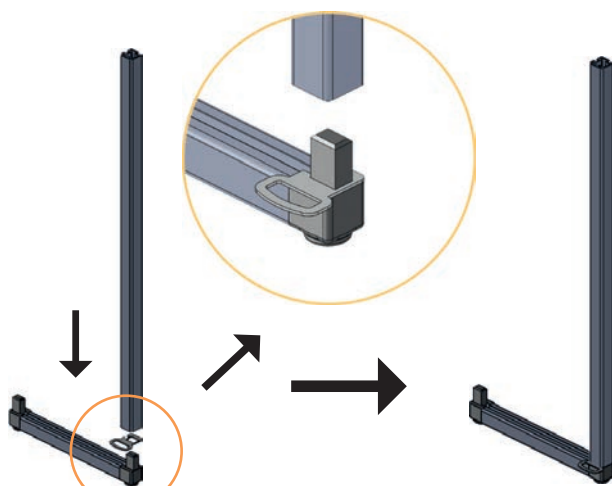


! Bitte 16x anfertigen !

D



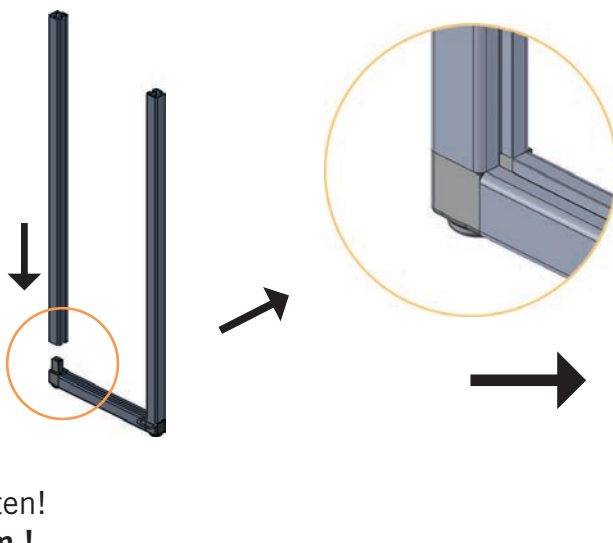
Bitte exakte
Länge beachten!
341/ 411 mm !



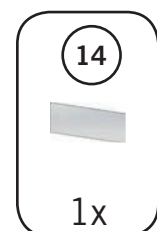
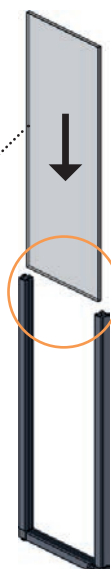
D1



Bitte exakte
Länge beachten!
343/ 413 mm !



D2

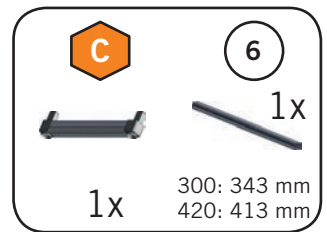
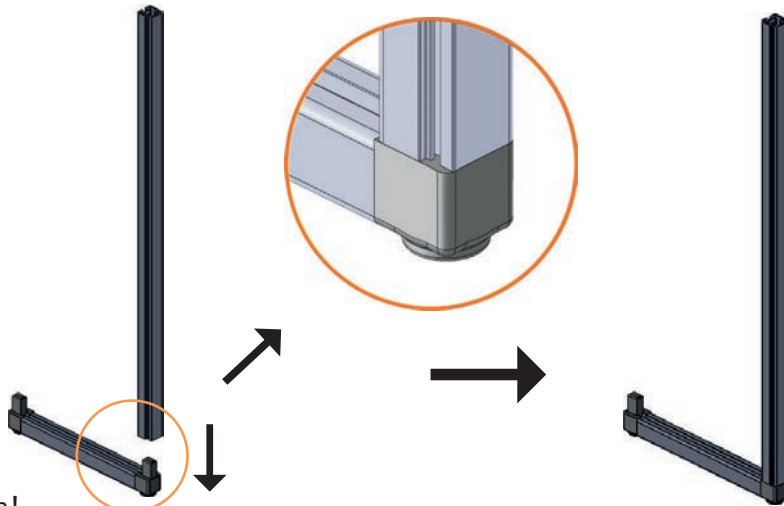


! Bitte 2x anfertigen !

E



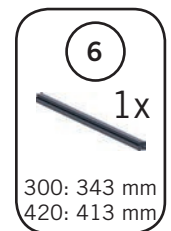
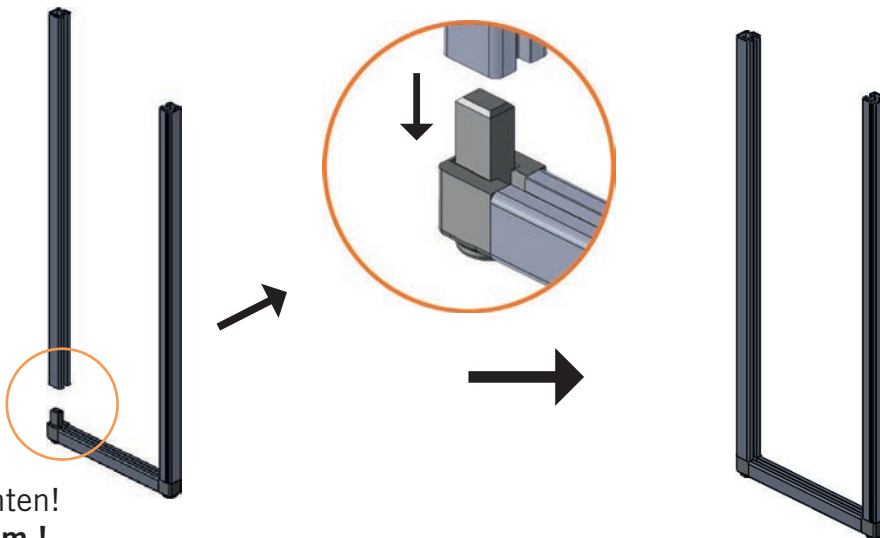
Bitte exakte
Länge beachten!
343/ 413 mm !



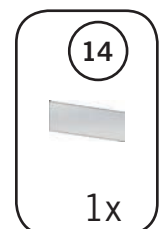
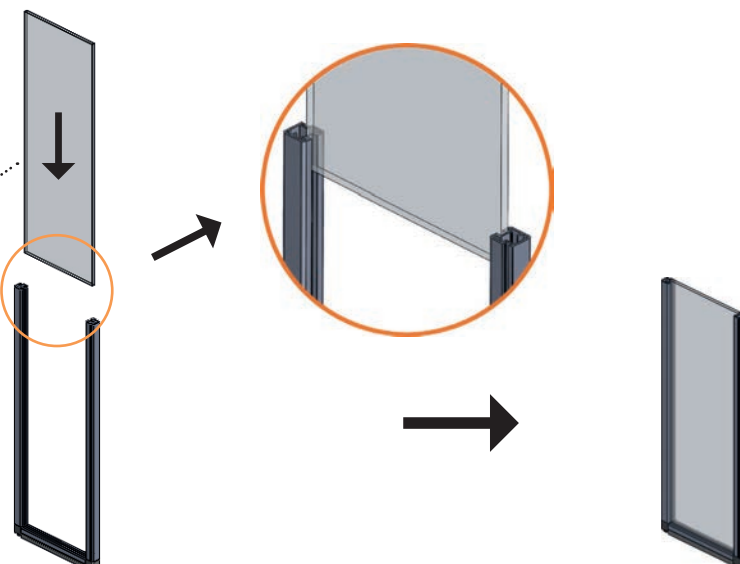
E1



Bitte exakte
Länge beachten!
343/ 413 mm !



E2

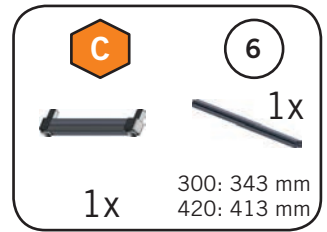
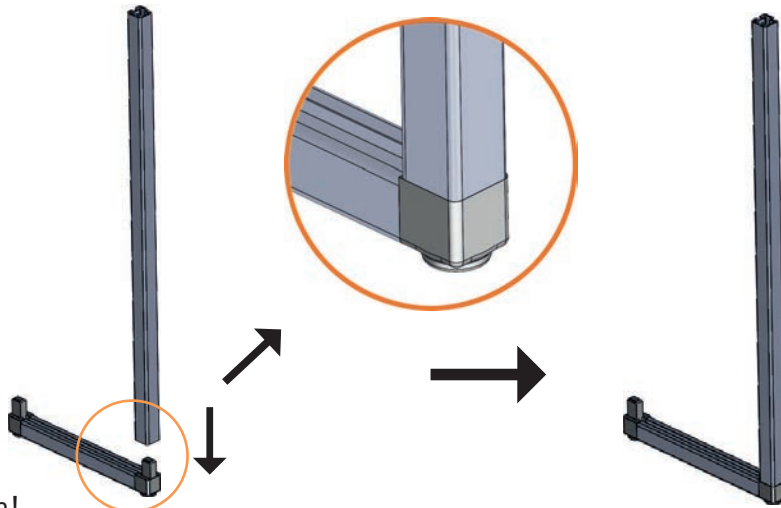


! Bitte 2x anfertigen !

F



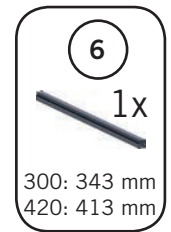
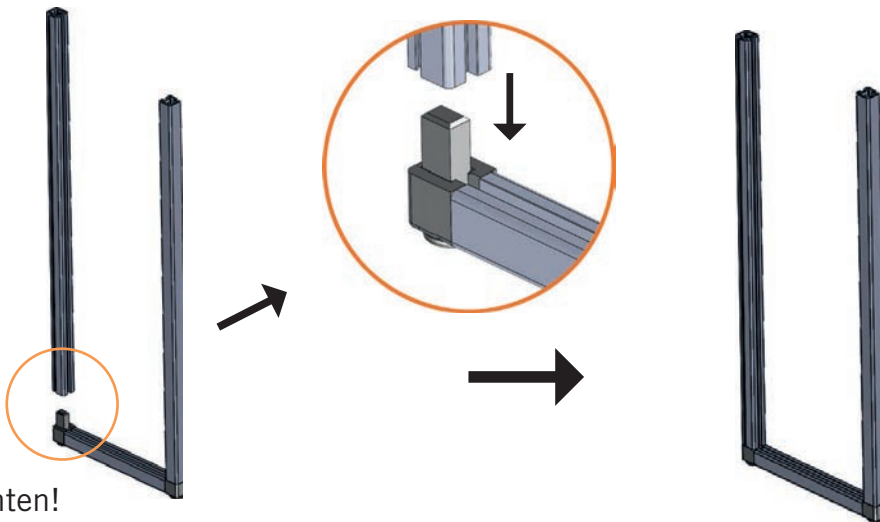
Bitte exakte
Länge beachten!
343/ 413 mm !



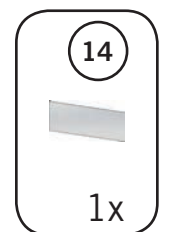
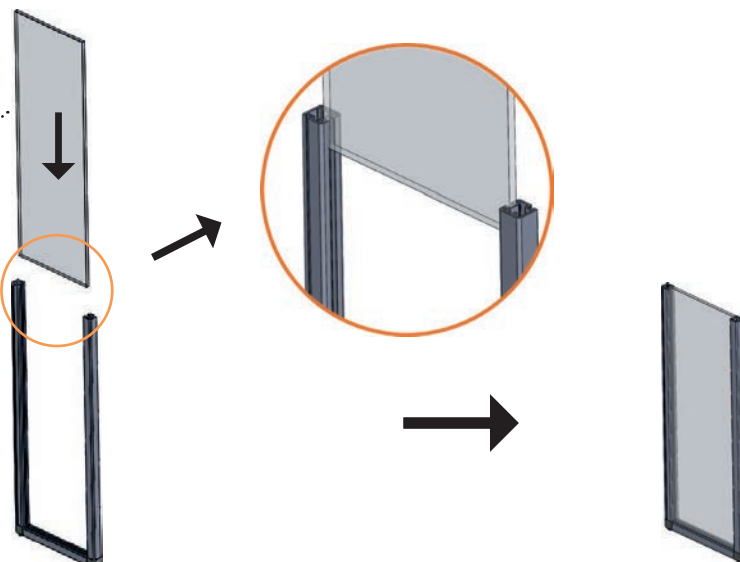
F1



Bitte exakte
Länge beachten!
343/ 413 mm !



F2

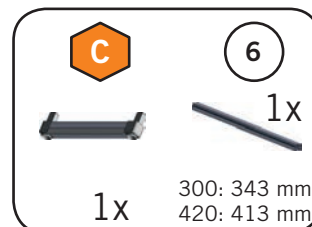
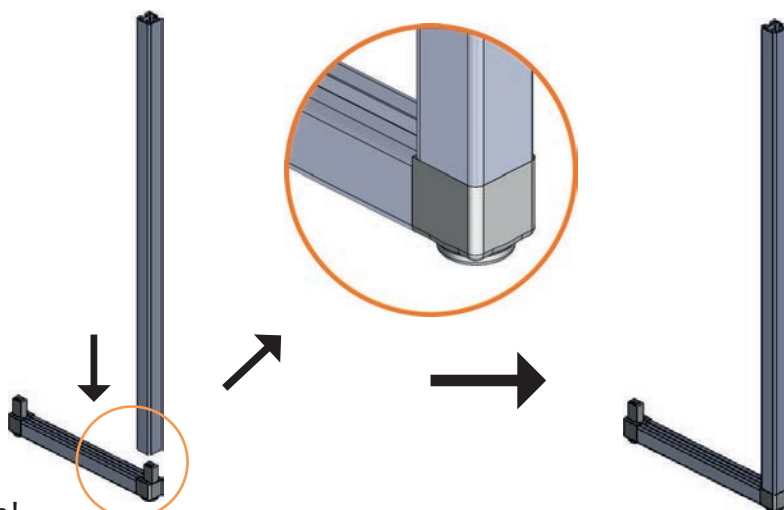


! Bitte 2x anfertigen !

G



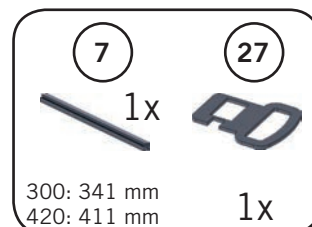
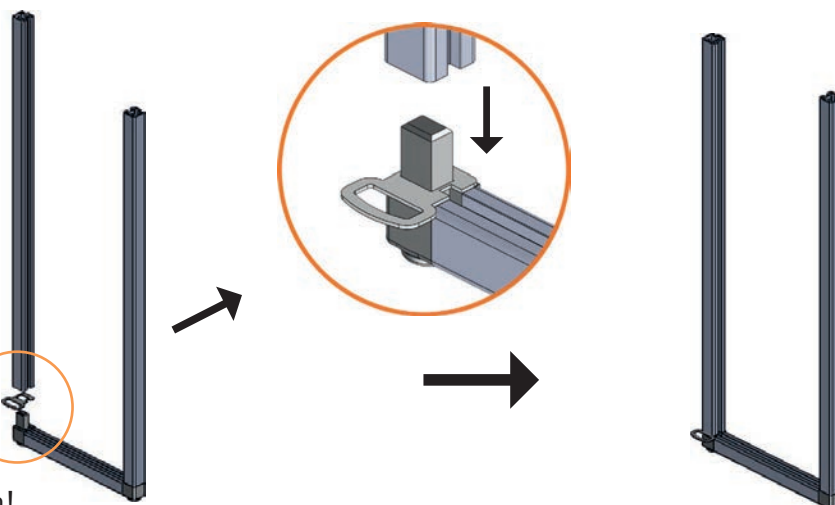
Bitte exakte
Länge beachten!
343/ 413 mm !



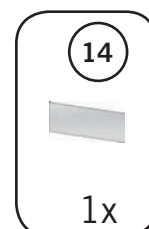
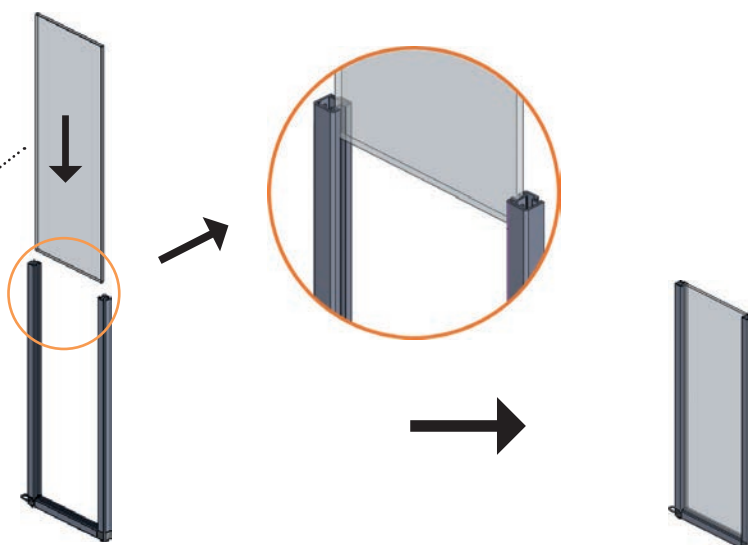
G1



Bitte exakte
Länge beachten!
341/ 411 mm !

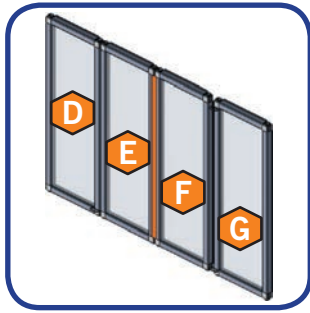


G2



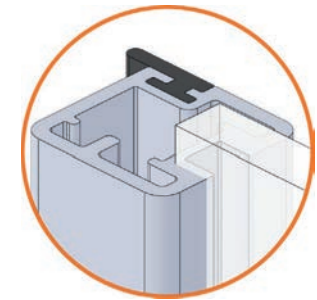
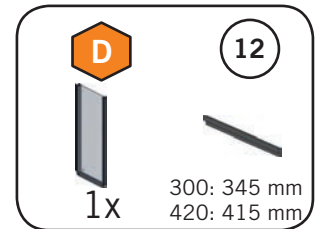
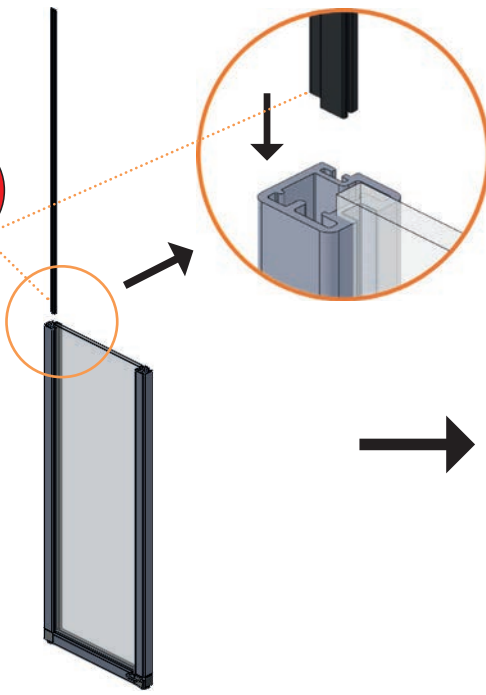
! Bitte 2x anfertigen !

2

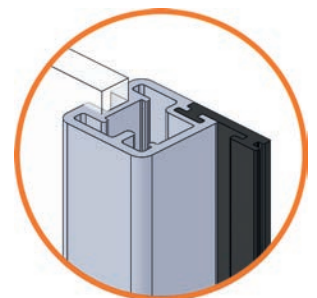
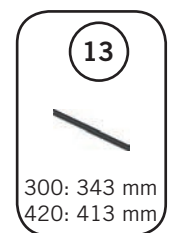
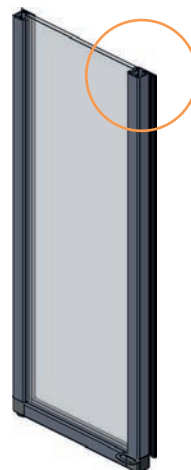
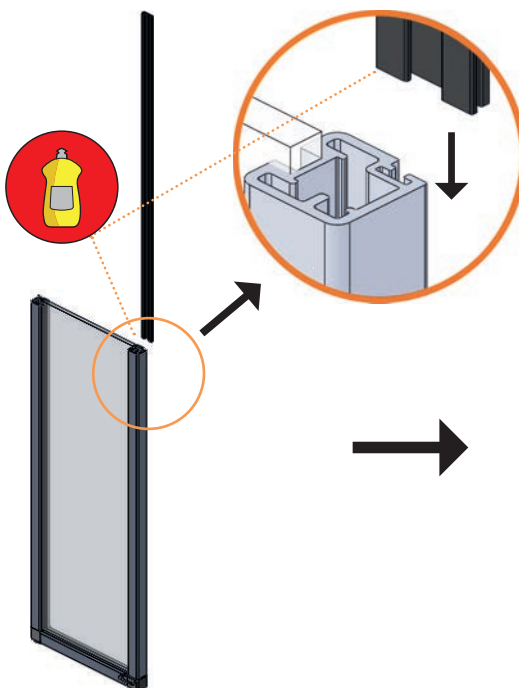


Seitentüren (2x anfertigen)

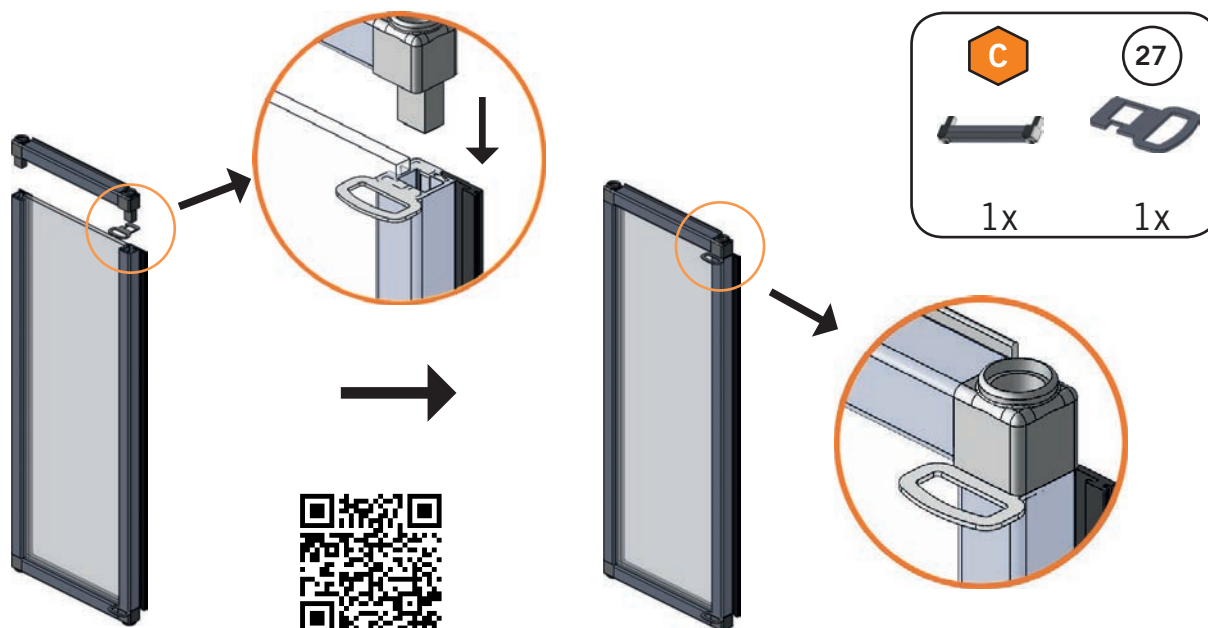
2.1



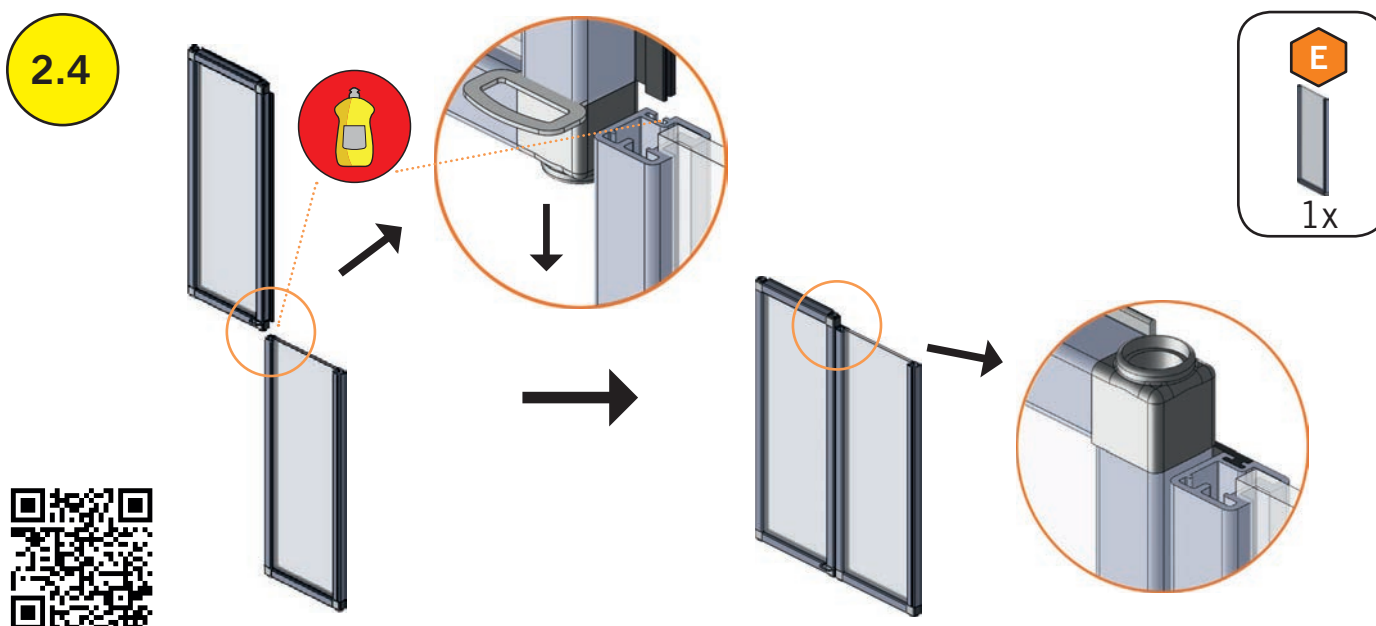
2.2



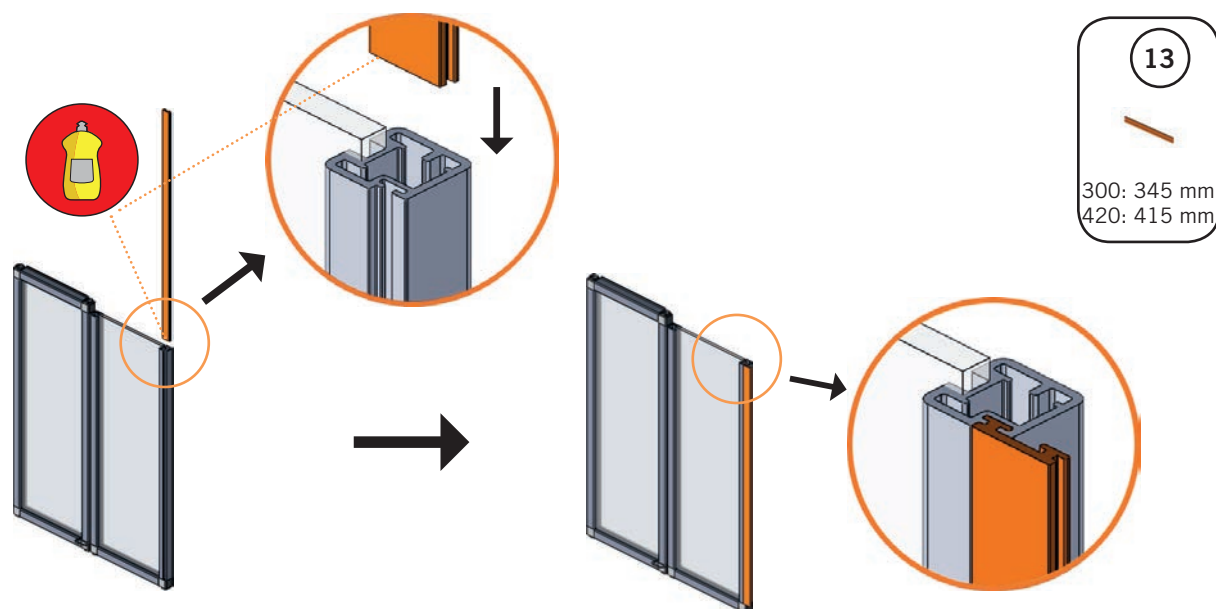
2.3



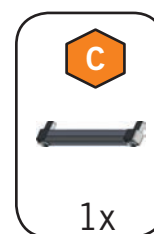
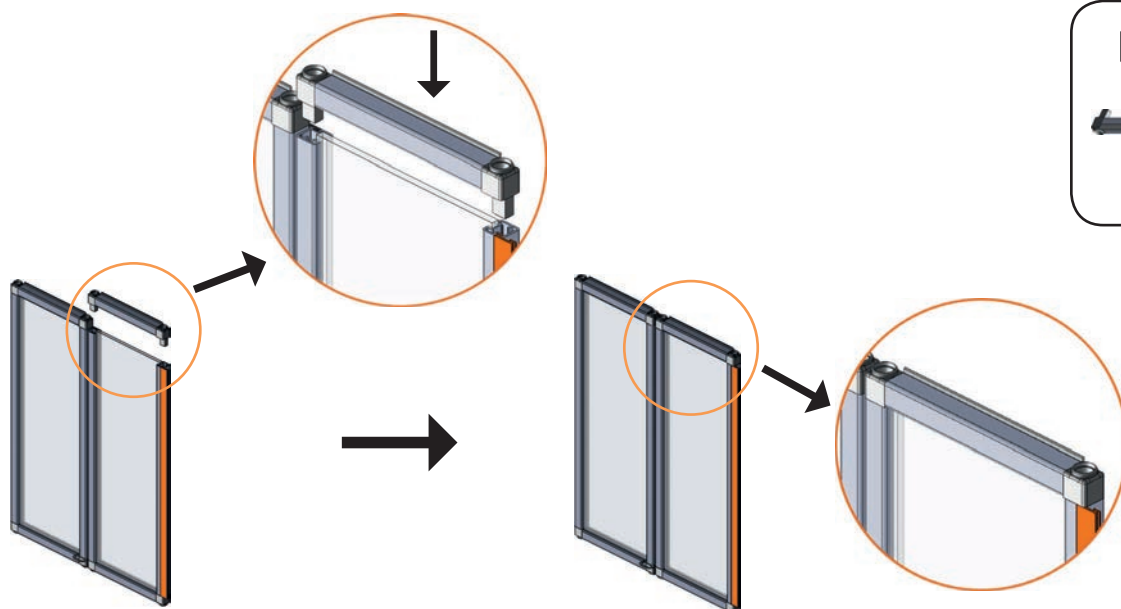
2.4



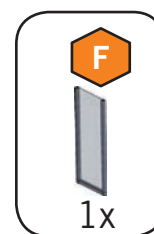
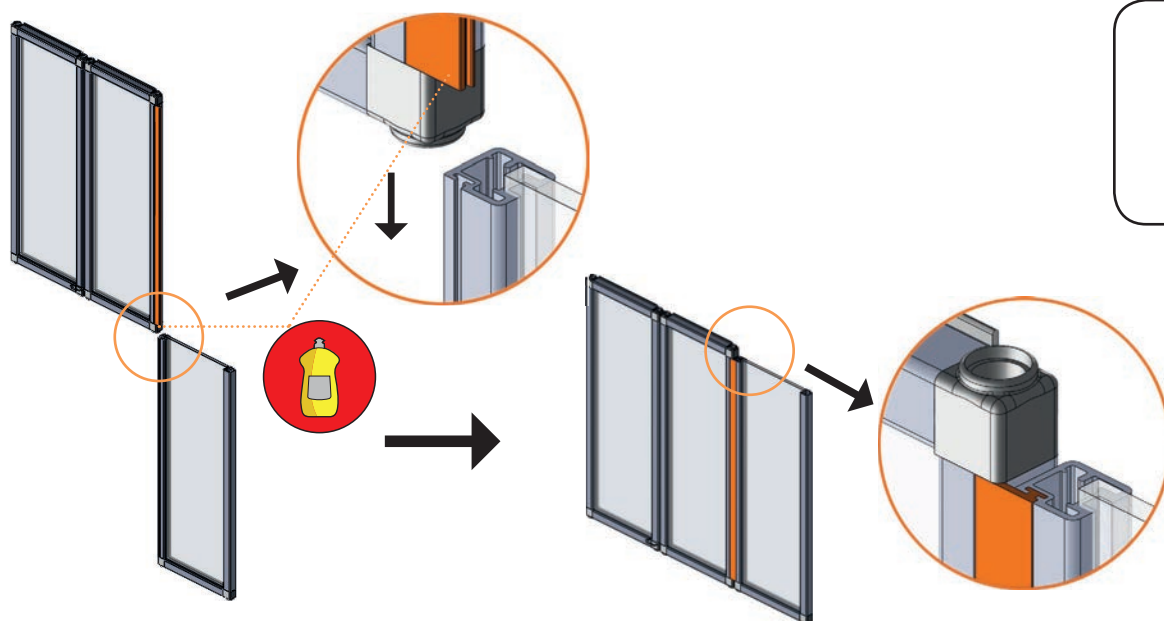
2.5



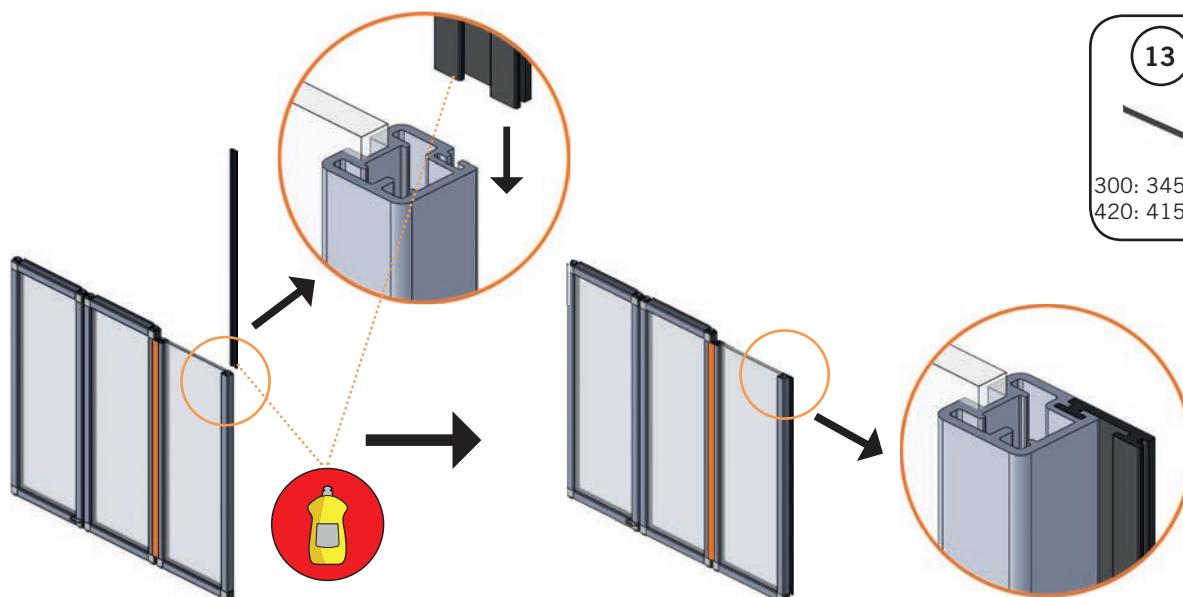
2.6



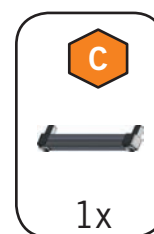
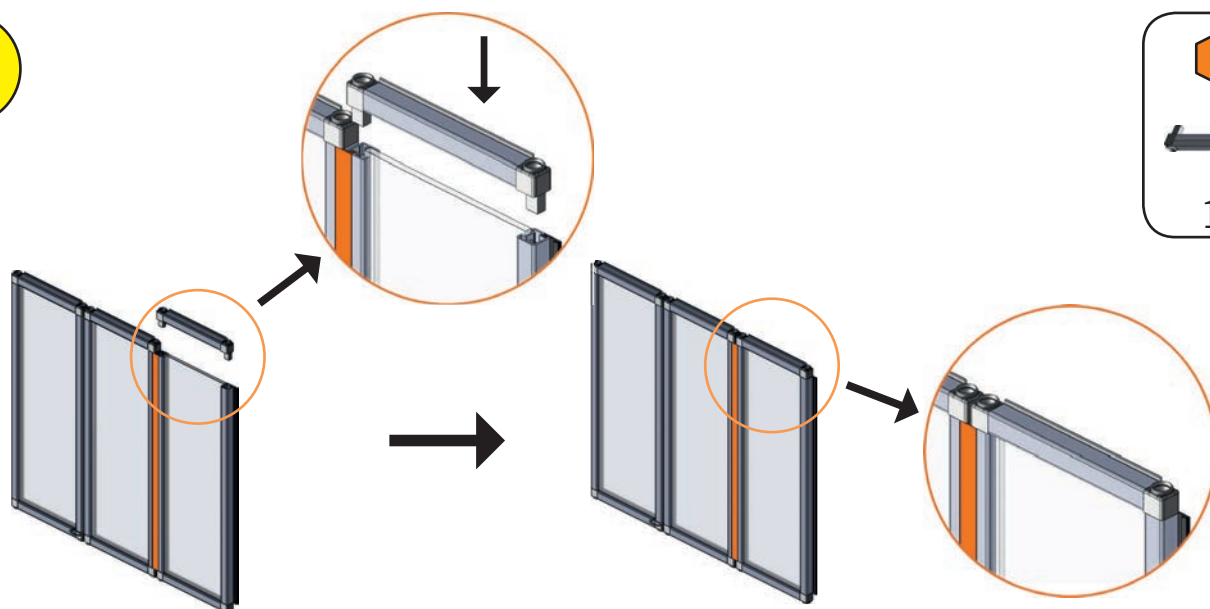
2.7



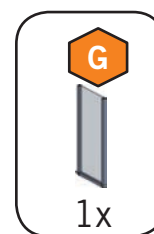
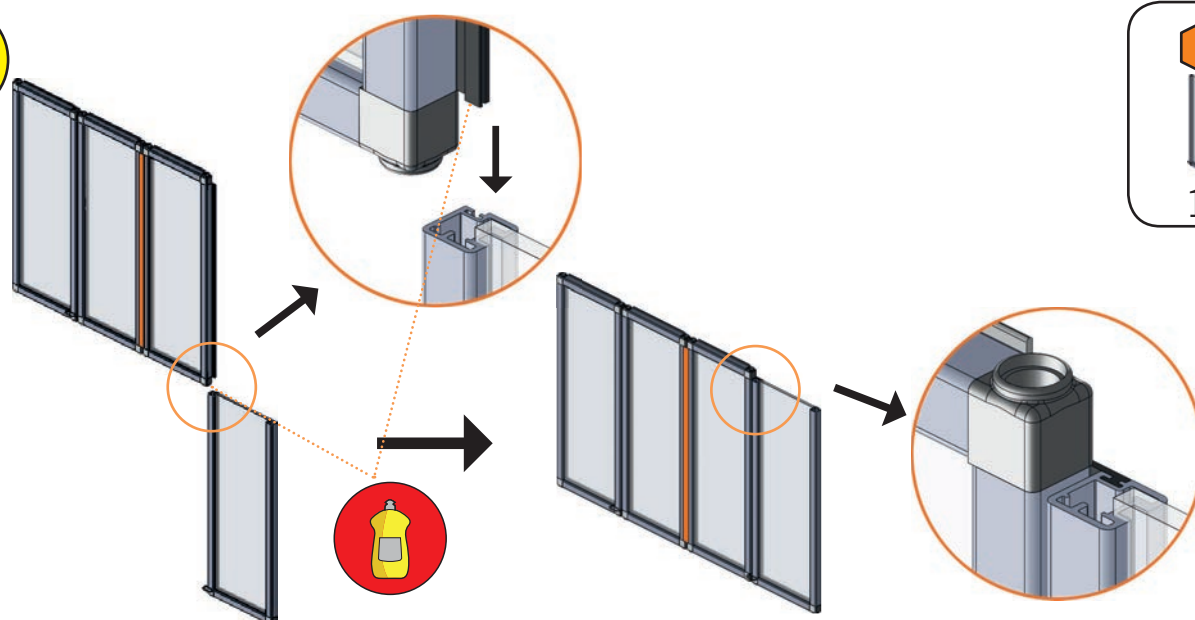
2.8



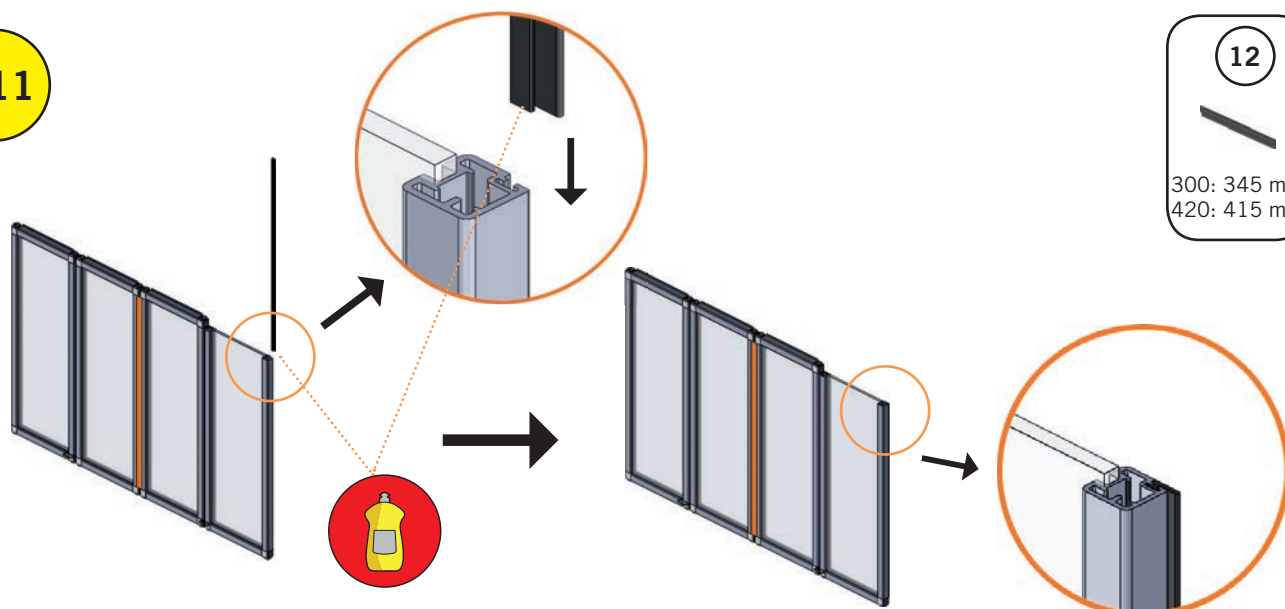
2.9



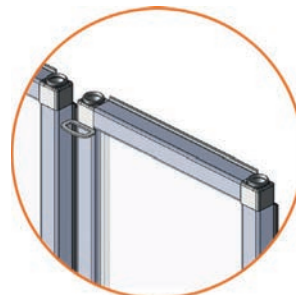
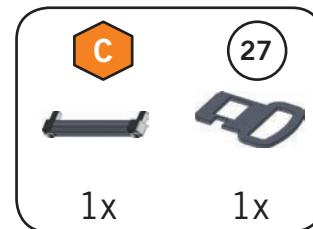
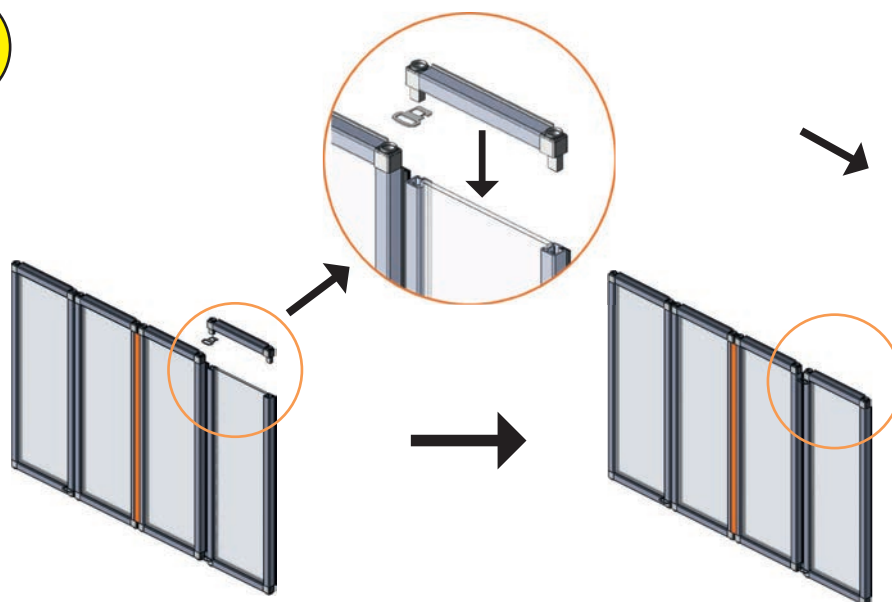
2.10



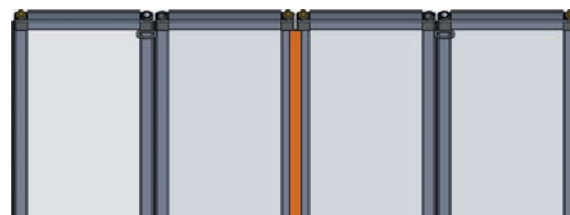
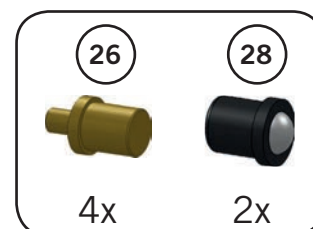
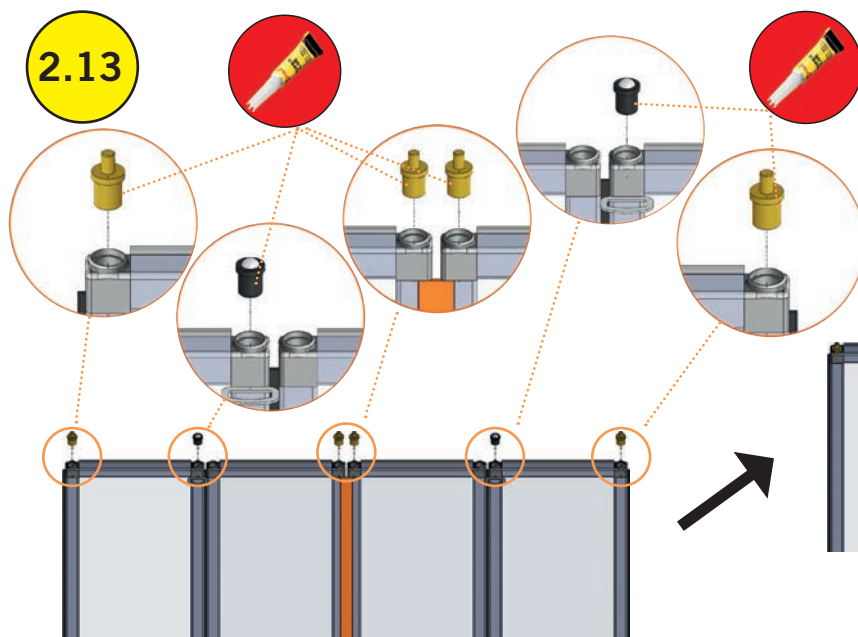
2.11



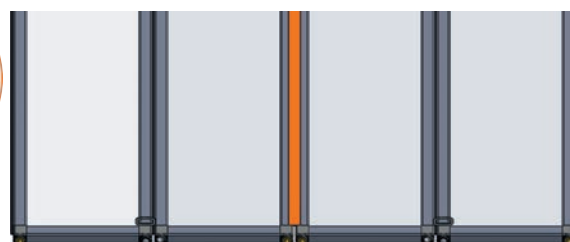
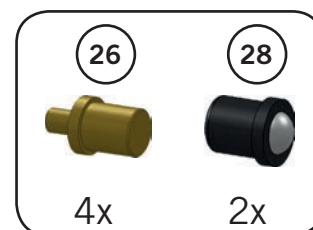
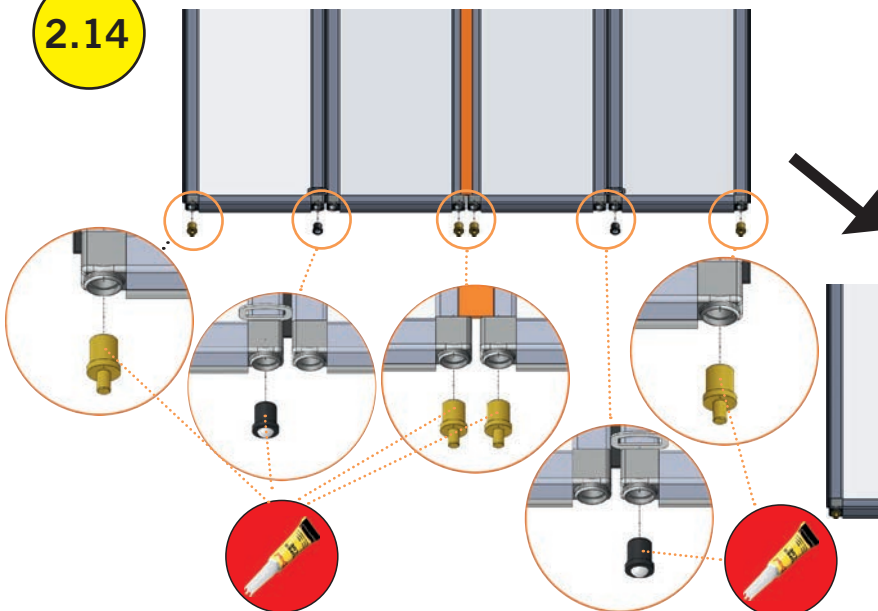
2.12



2.13



2.14



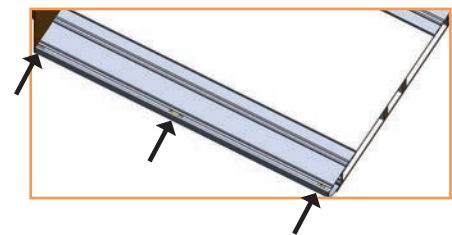
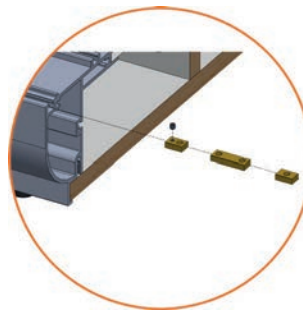
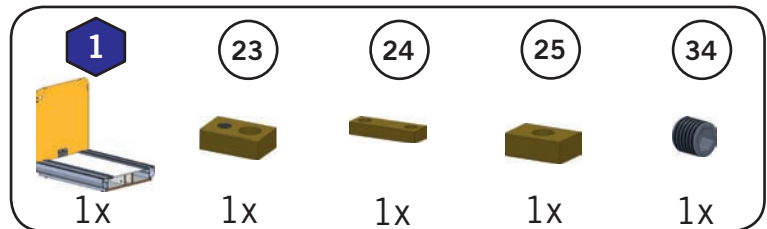
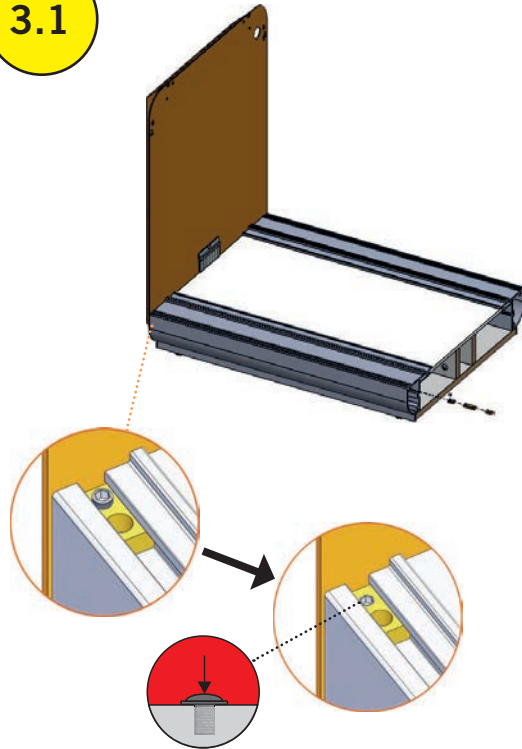
! Bitte 2x anfertigen !

3

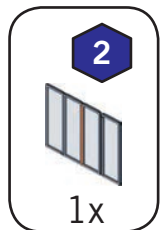
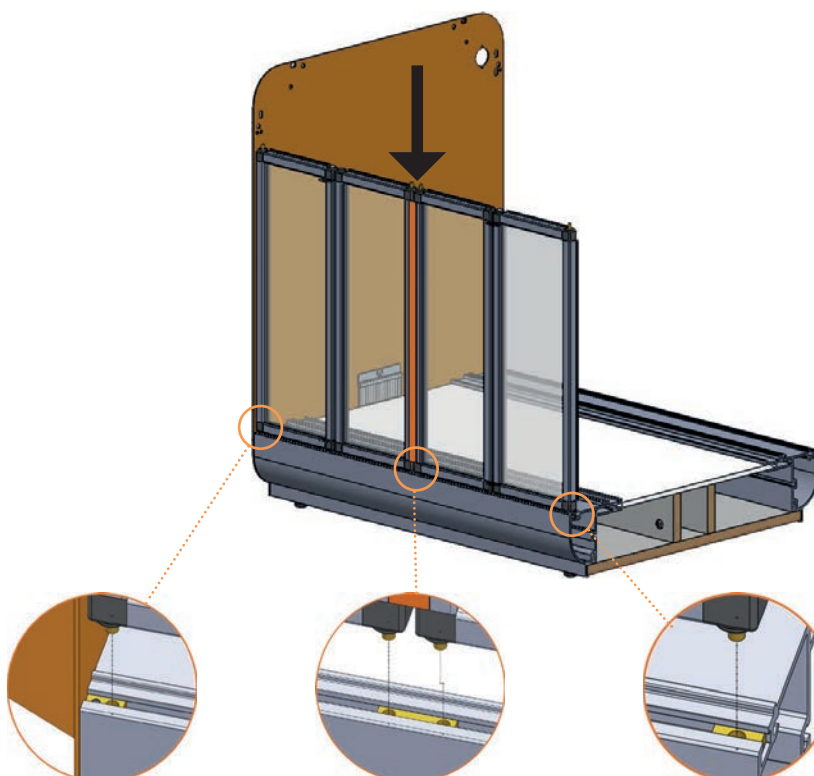


Oberer Rahmen

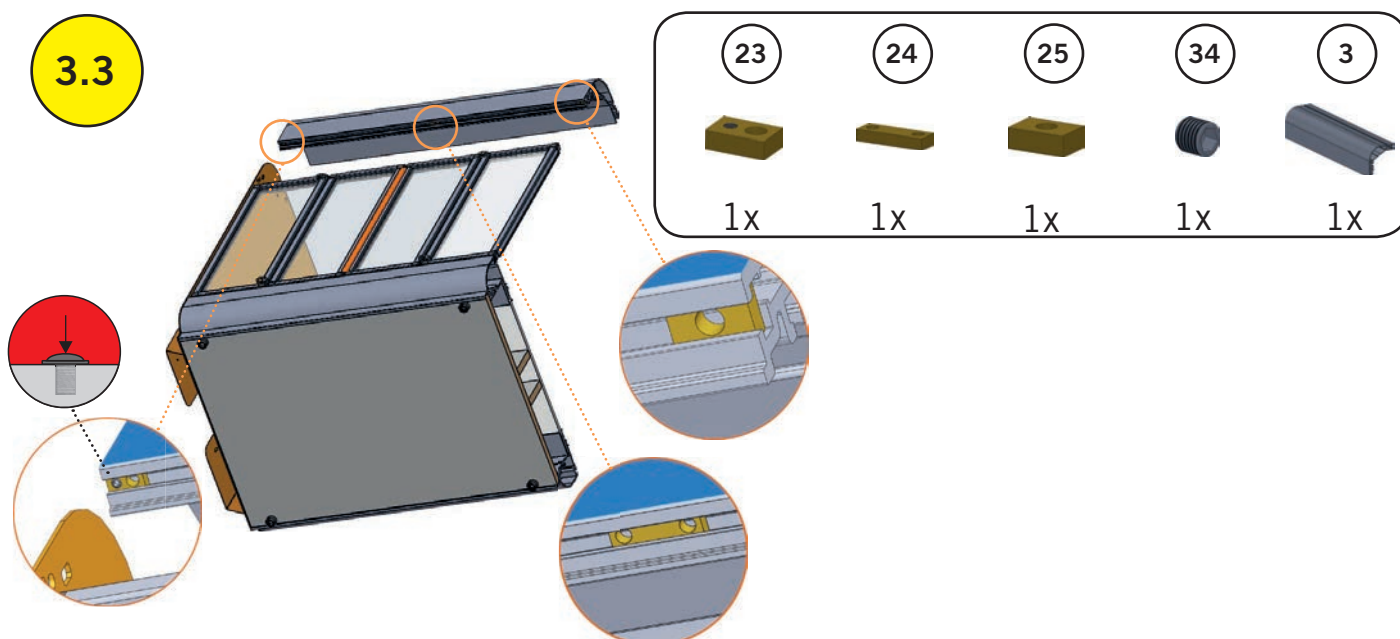
3.1



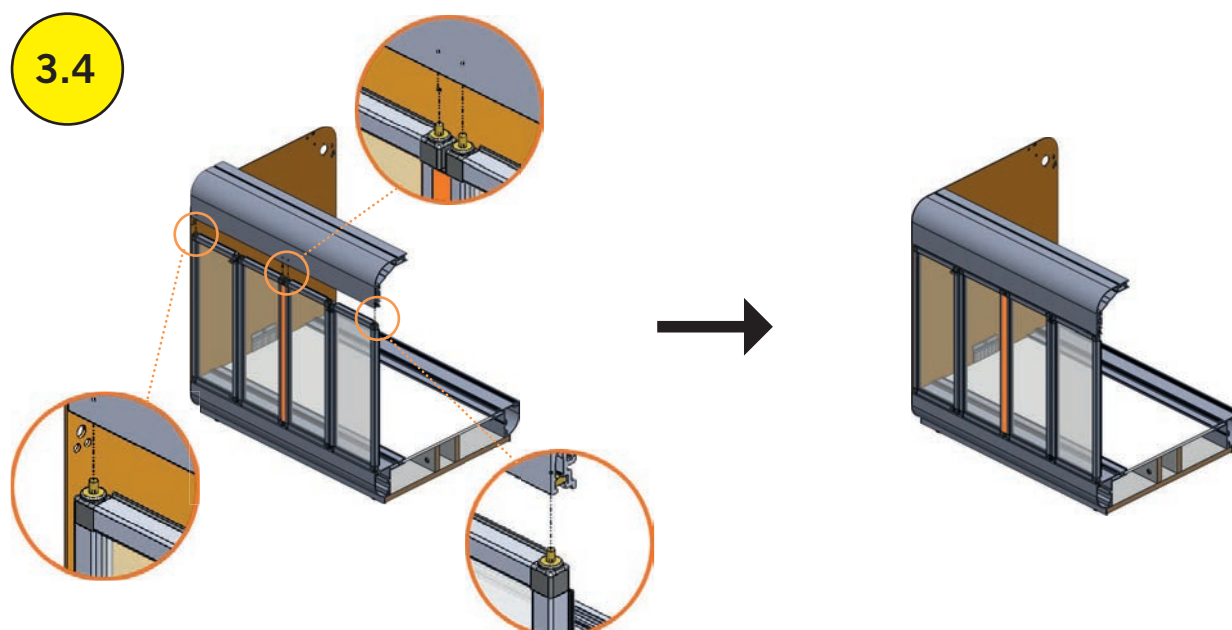
3.2



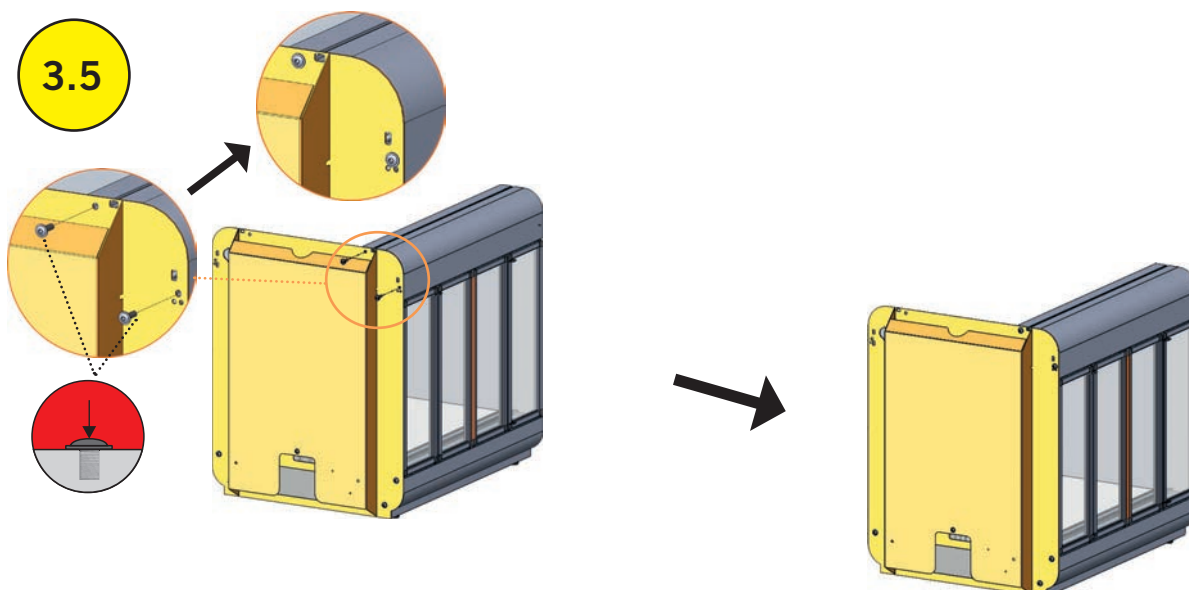
3.3



3.4

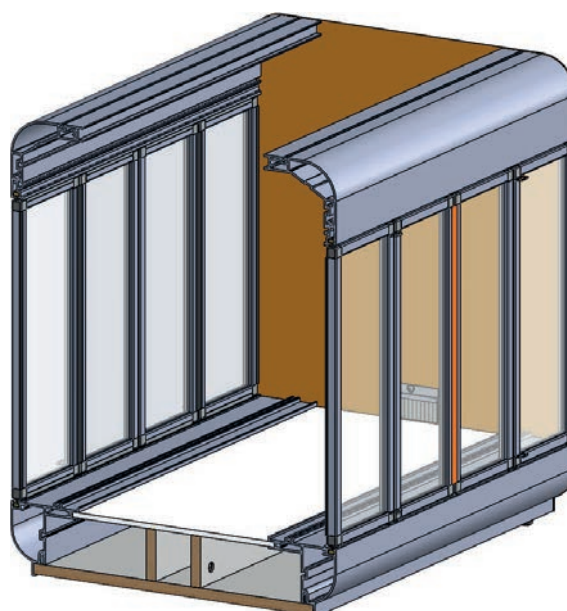


3.5

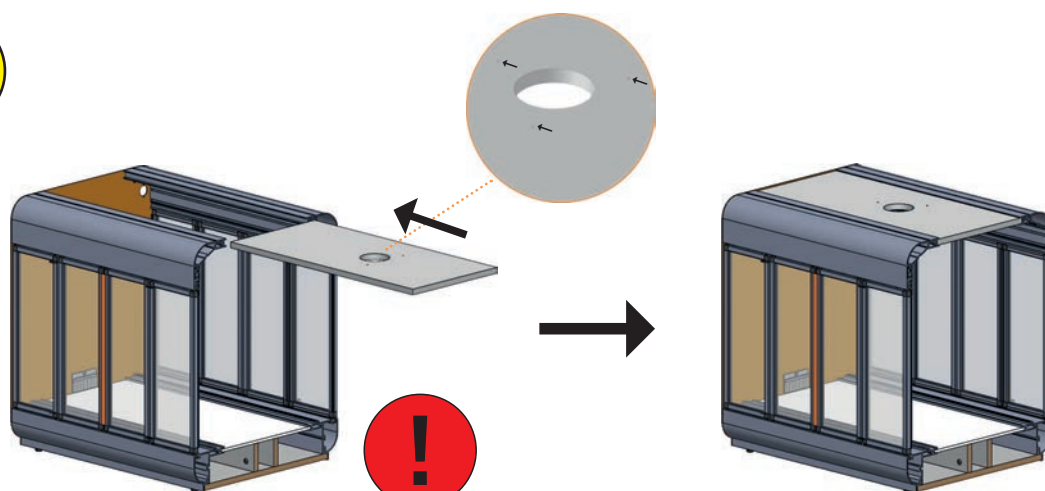


3.6

Bitte führen Sie die Bauschritte 3.1 bis 3.5 spiegelbildlich für die rechte Umhausungsseite durch!



3.7



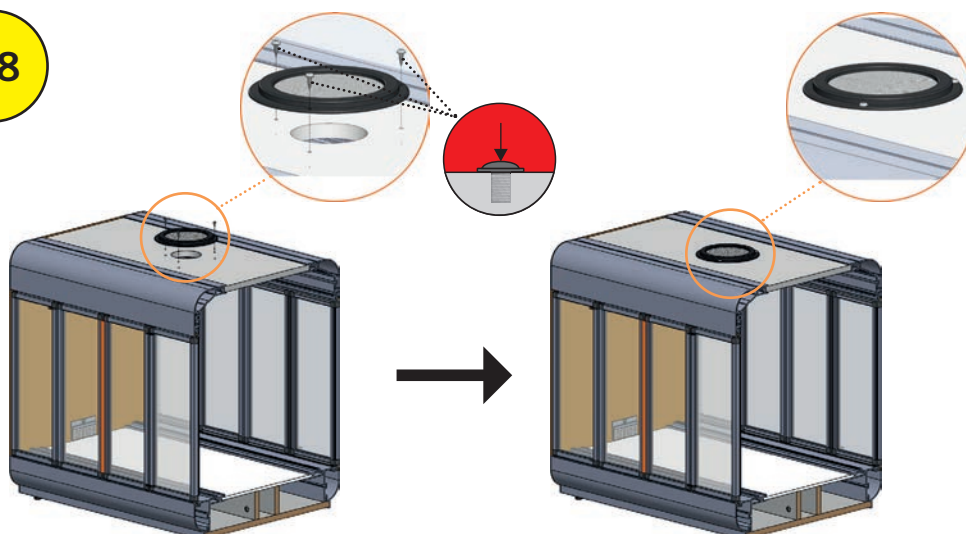
Bitte Ausrichtung der Deckenplatte beachten!

19



1x

3.8



21



1x

50

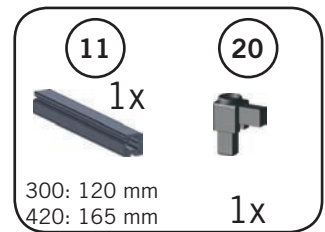
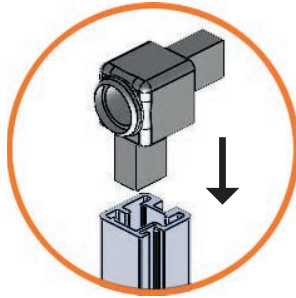
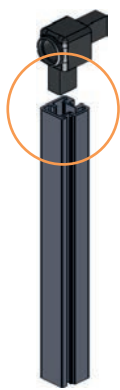


3x

H

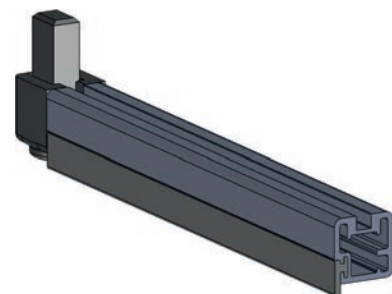
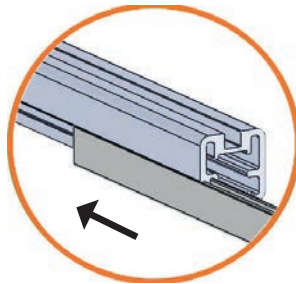
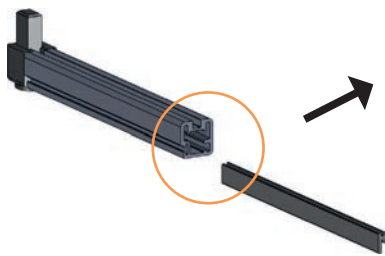


Bitte exakte
Länge beachten!
120/ 165 mm !

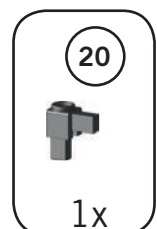
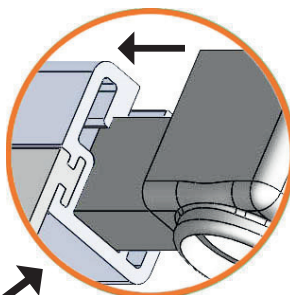


Zur leichteren Montage der
Kunststoffecken drehen
Sie bitte das Profil und
klopfen mit dem Gum-
mihammer das Profil auf
die Ecke!

H1



H2

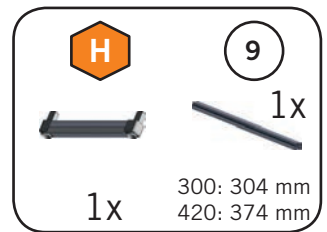
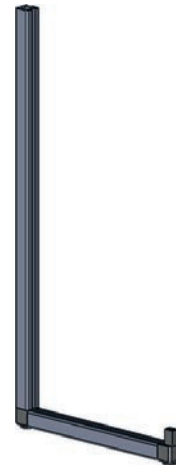
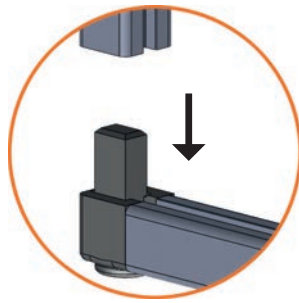


! Bitte 4x anfertigen !

I



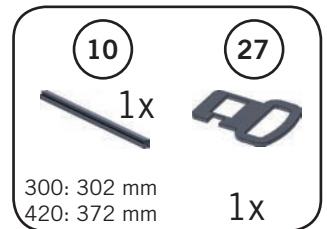
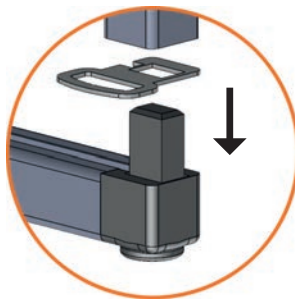
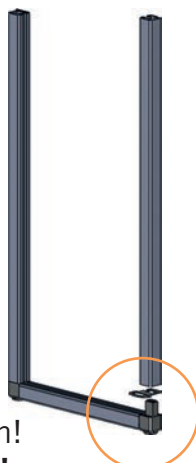
Bitte exakte
Länge beachten!
304/ 374 mm !



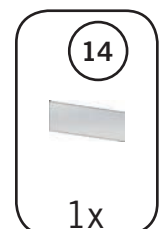
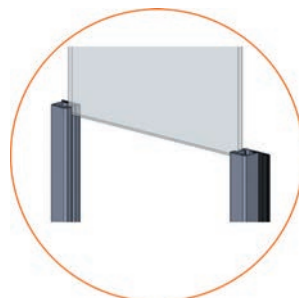
I1



Bitte exakte
Länge beachten!
302/ 372 mm !



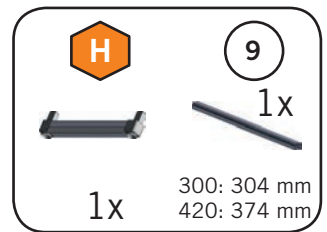
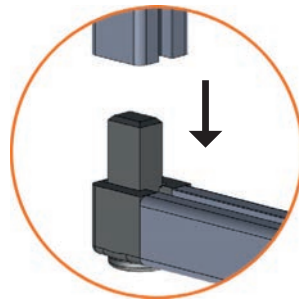
I2



J



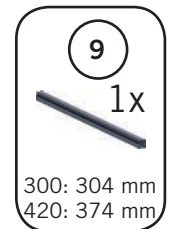
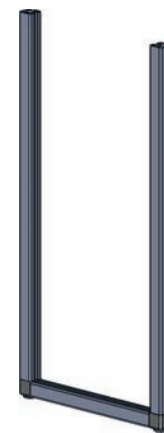
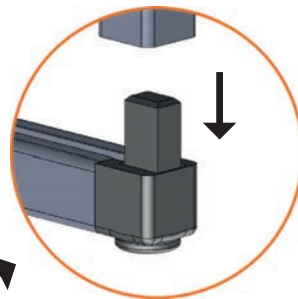
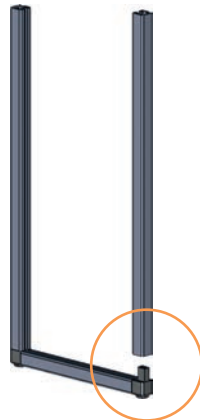
Bitte exakte
Länge beachten!
304/ 374 mm !



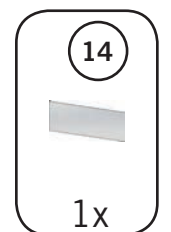
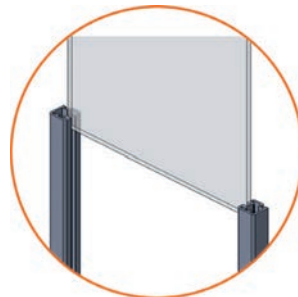
J1



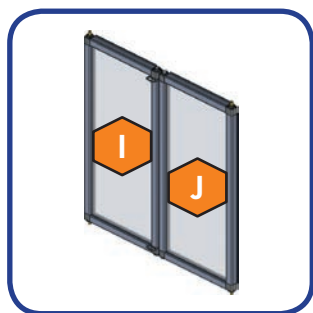
Bitte exakte
Länge beachten!
304/ 374 mm !



J2

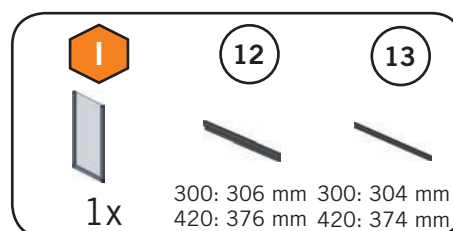
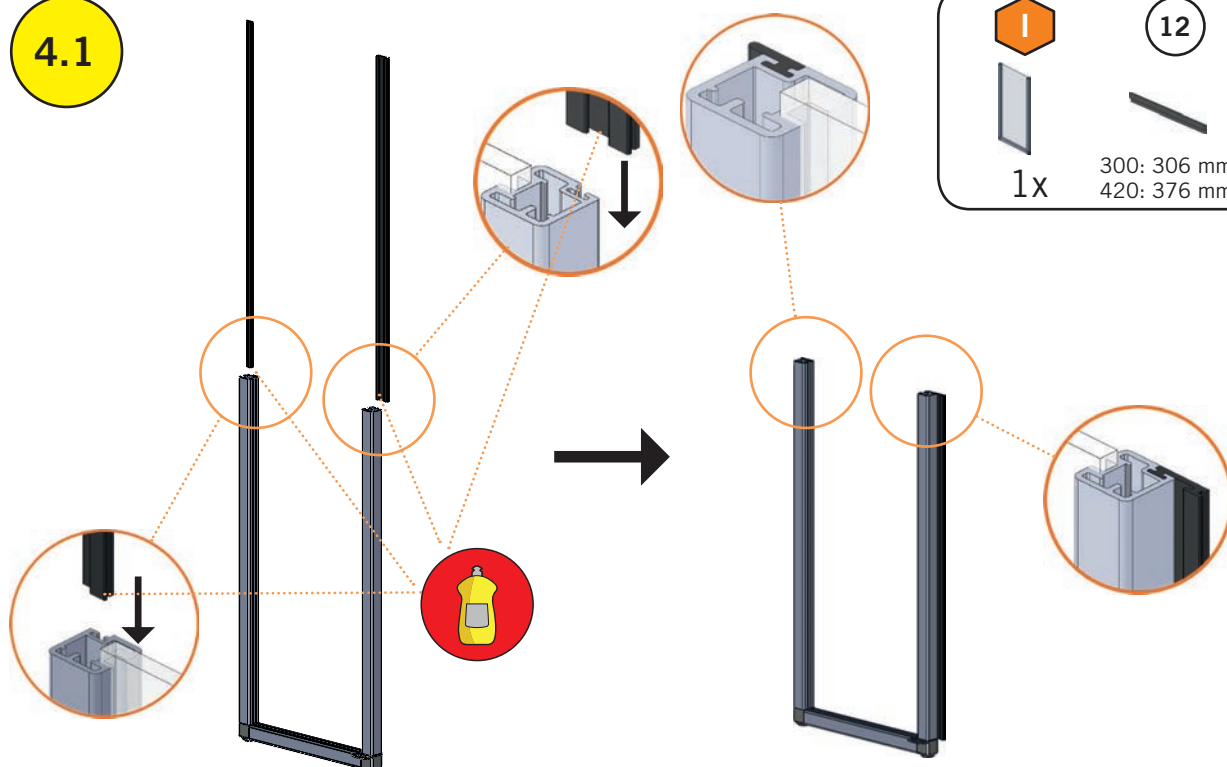


4

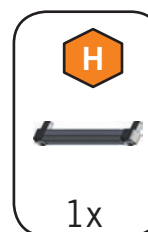
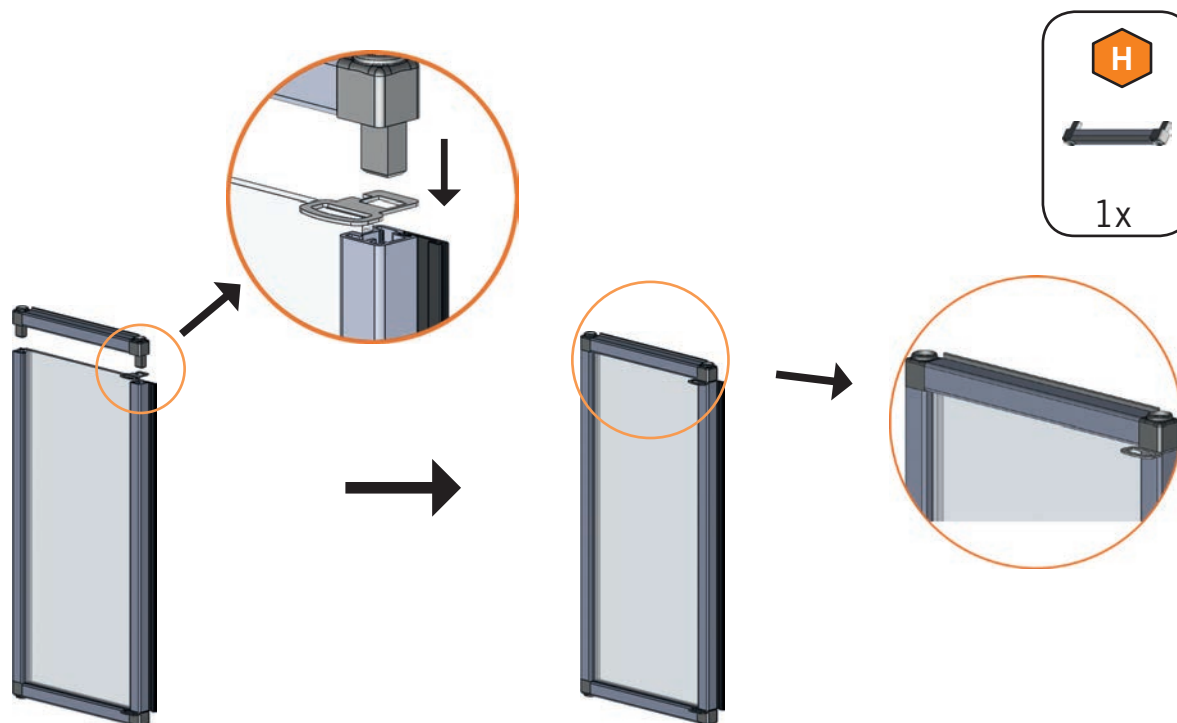


Fronttür

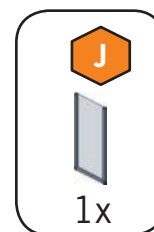
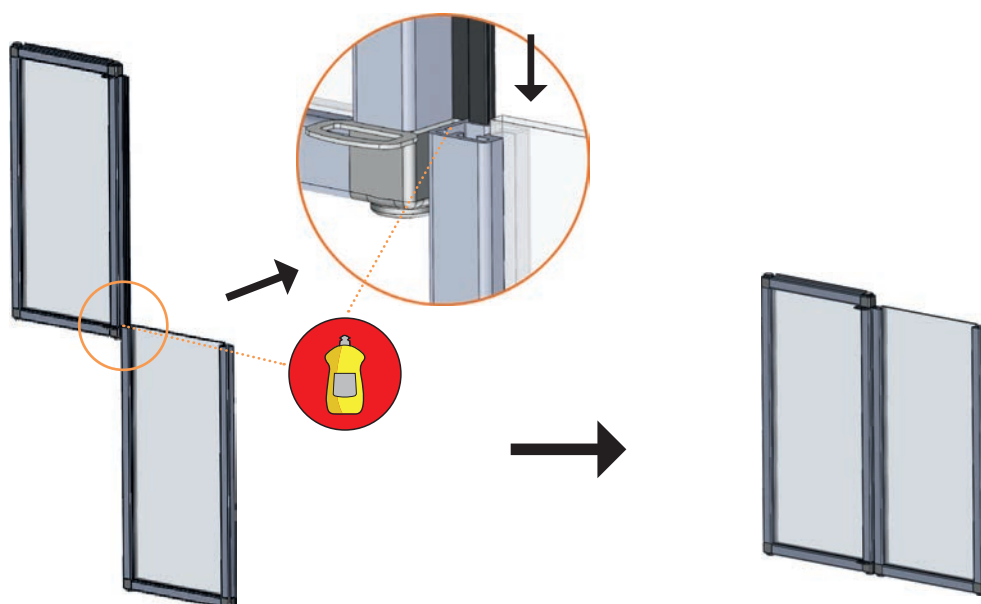
4.1



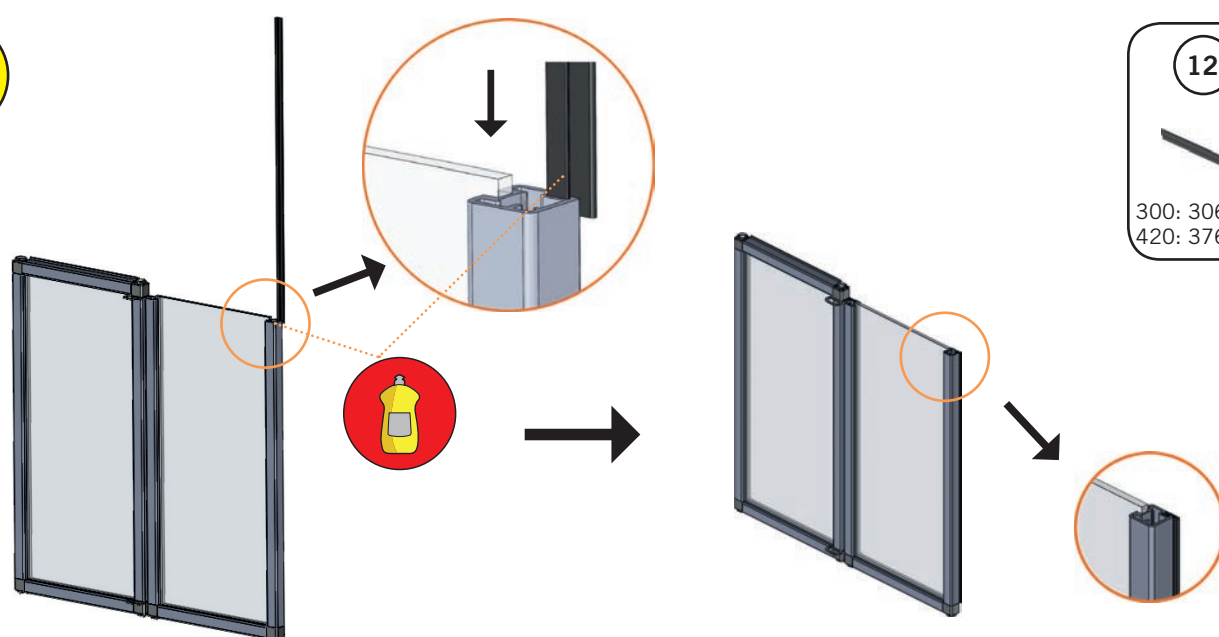
4.2



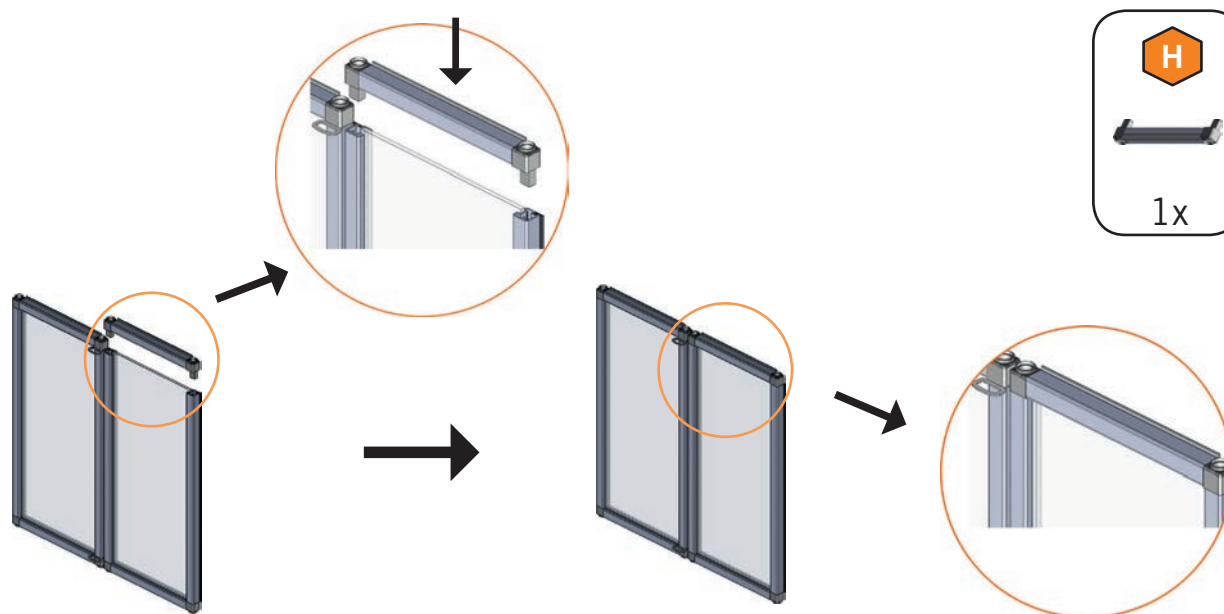
4.3



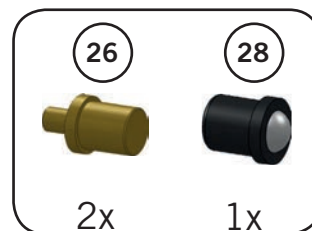
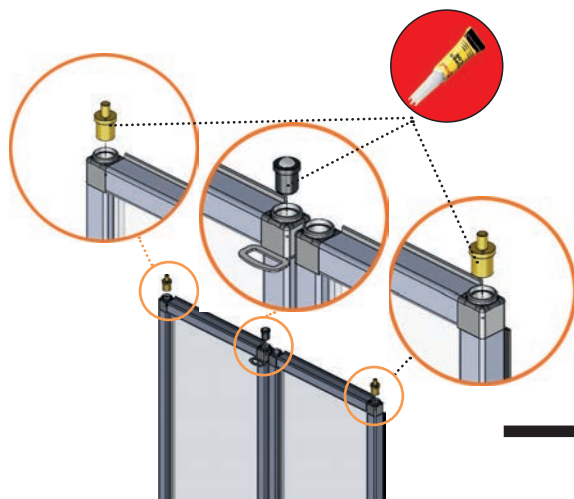
4.4



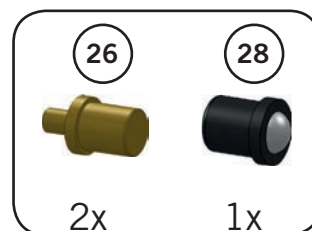
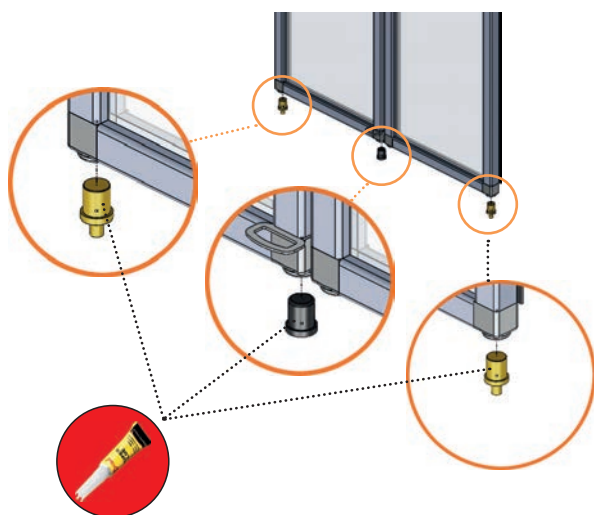
4.5



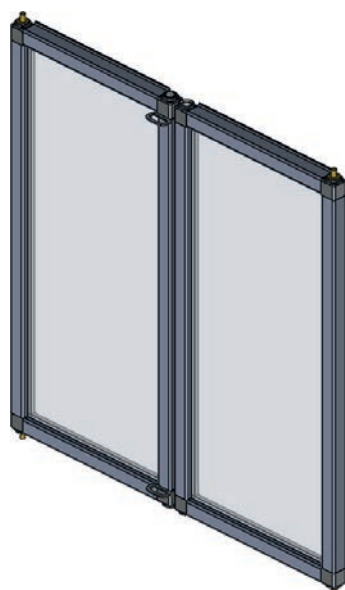
4.6



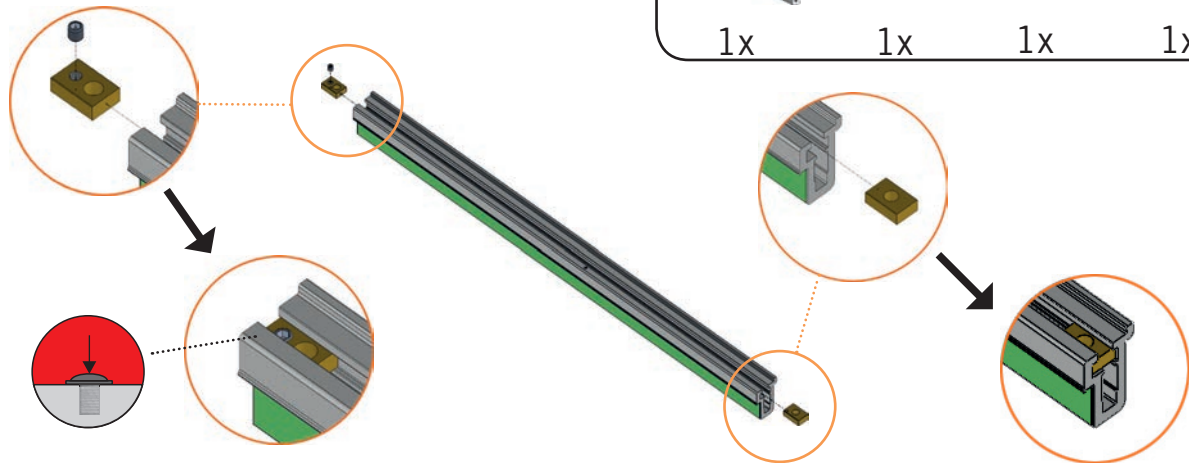
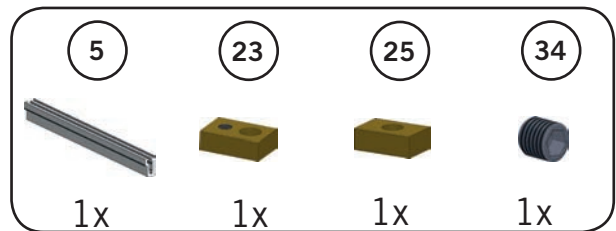
4.7



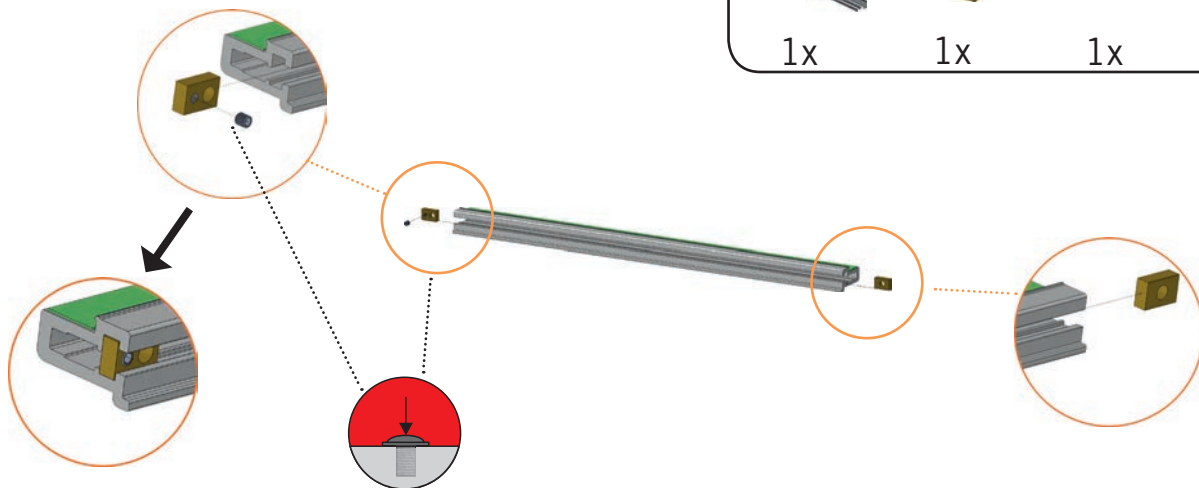
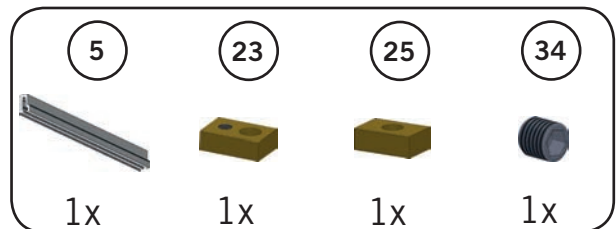
4.8



K



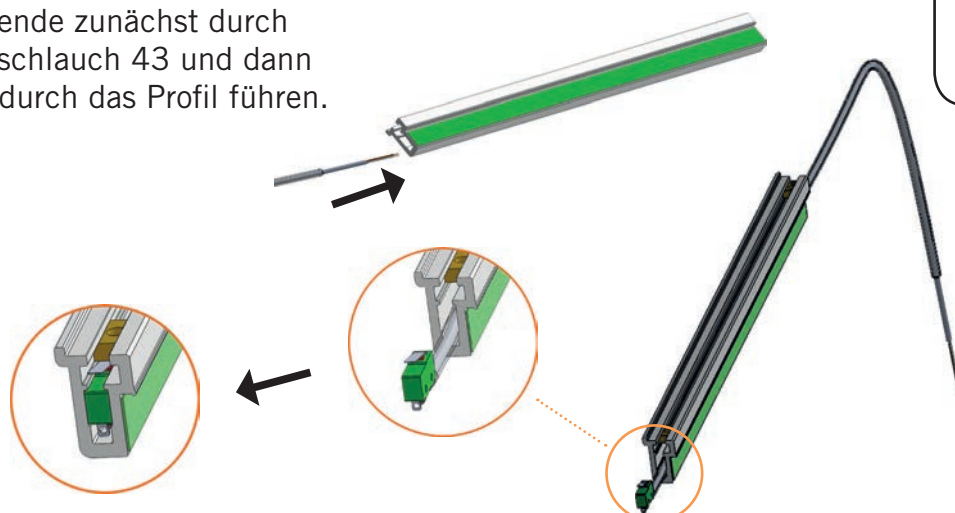
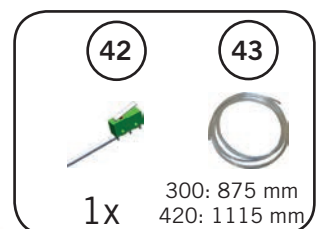
L



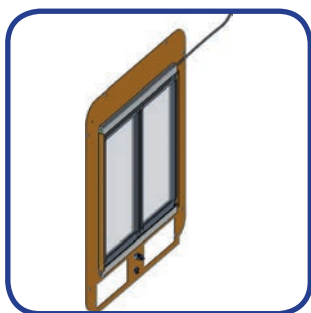
L1



Das Kabelende zunächst durch den Kabelschlauch 43 und dann vorsichtig durch das Profil führen.



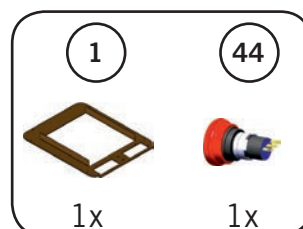
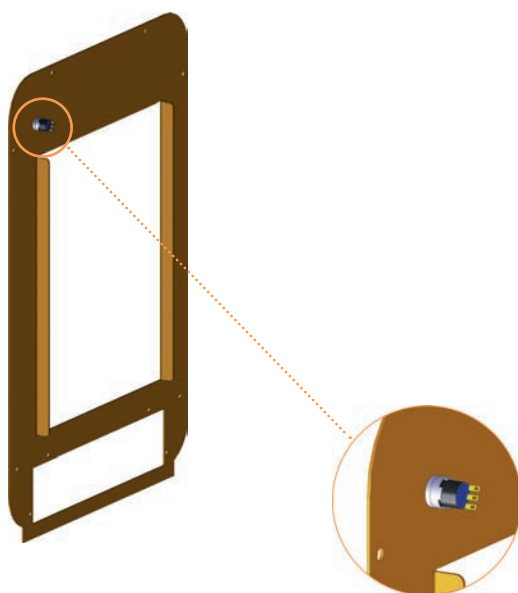
5



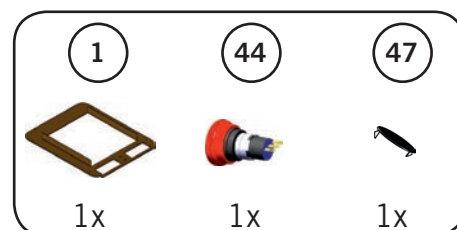
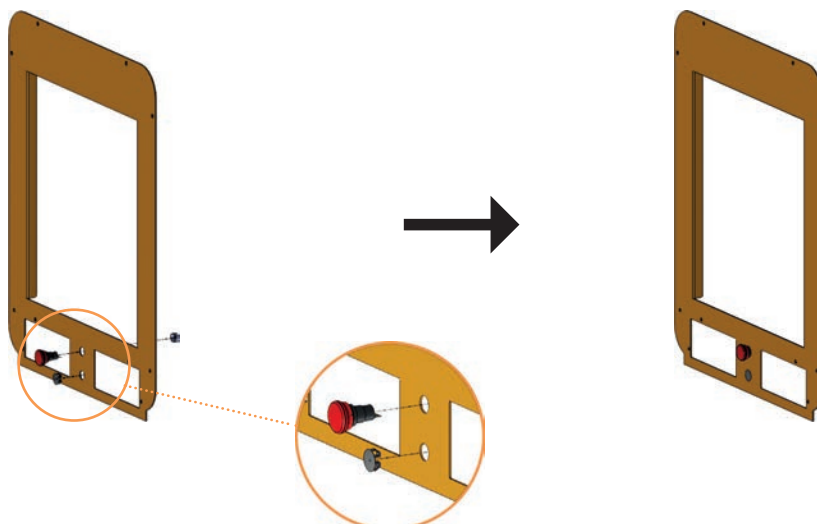
Gehäusefront

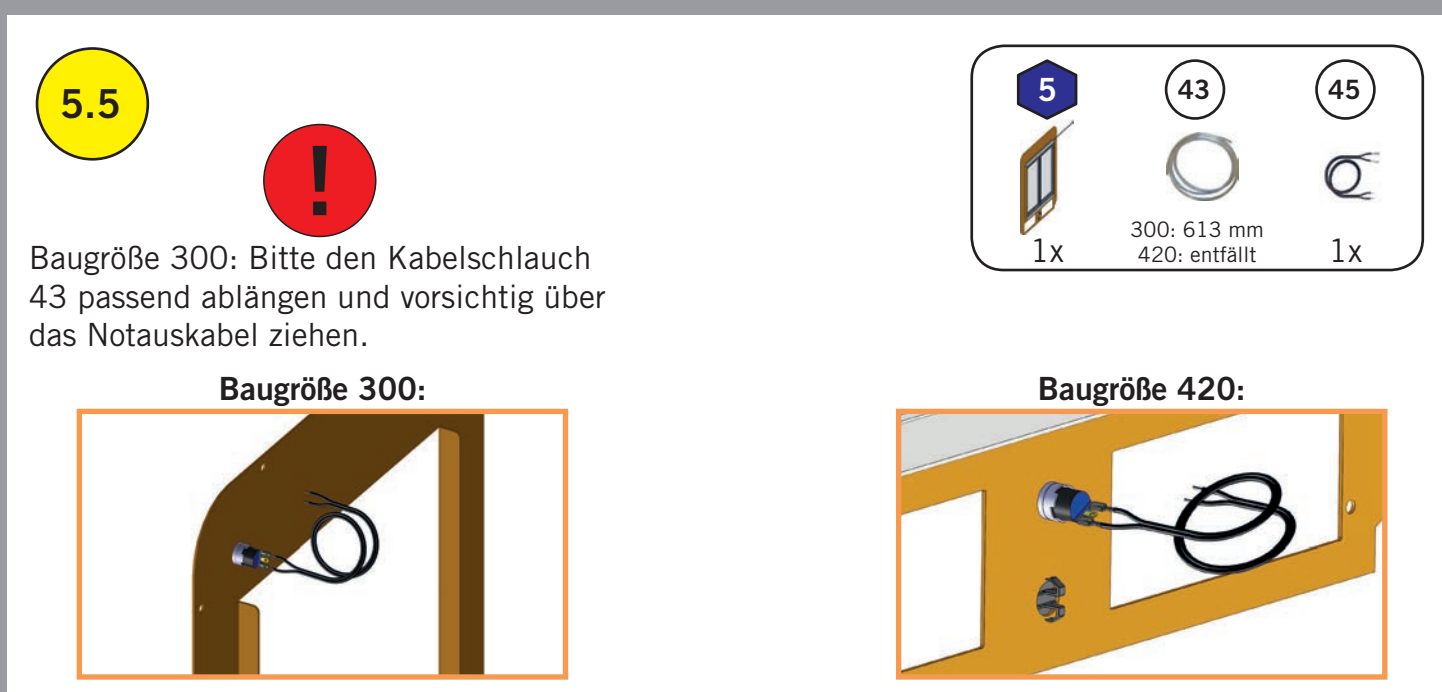
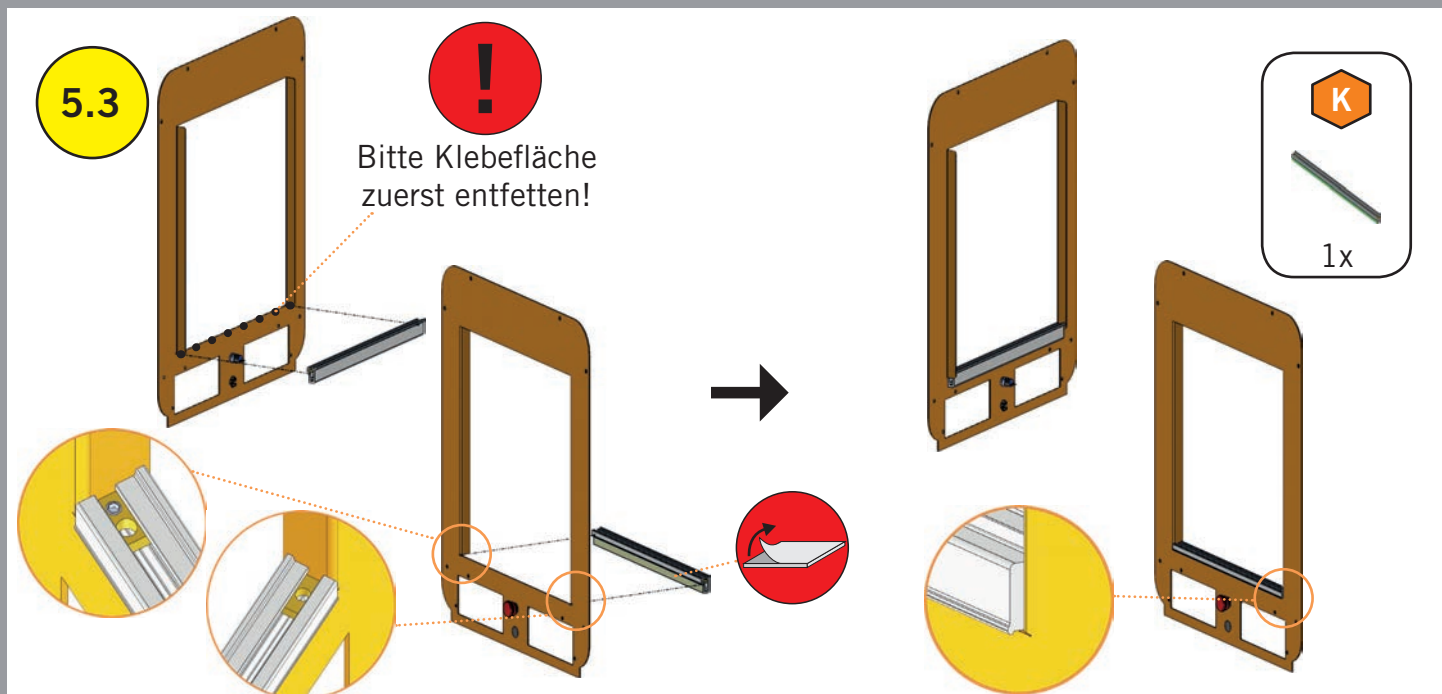
Für Baugröße 300: Mit Bauschritt 5.1 fortfahren!
Für Baugröße 420: Mit Bauschritt 5.2 fortfahren!

5.1

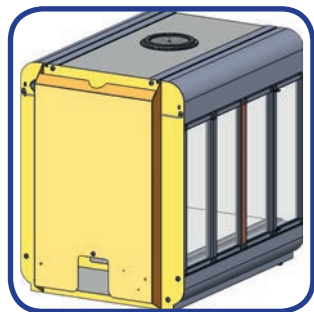


5.2



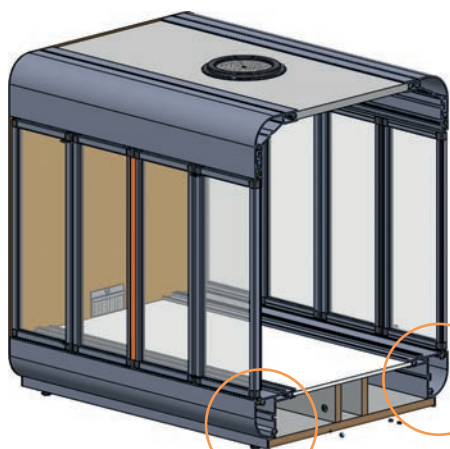


6



Endmontage

6.1



3

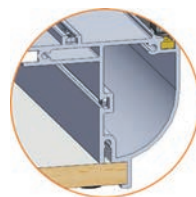
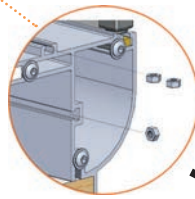
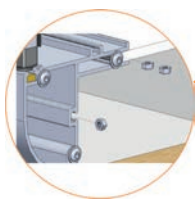


1x

35



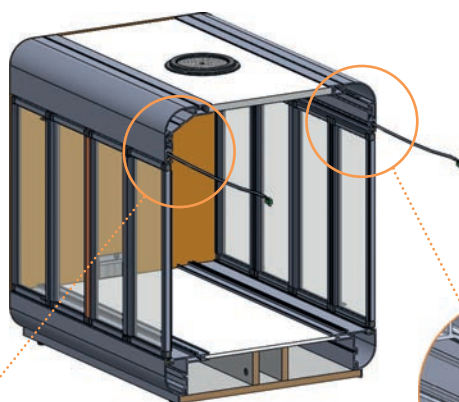
6x



6.2



Das Kabelende zunächst durch den Kabelschlauch 43 und dann vorsichtig durch das Profil führen.



42

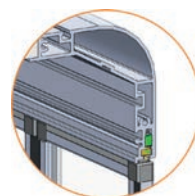
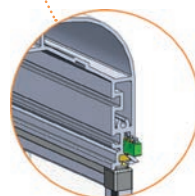
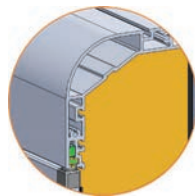
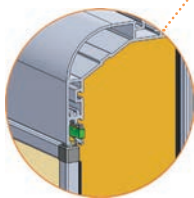


2x

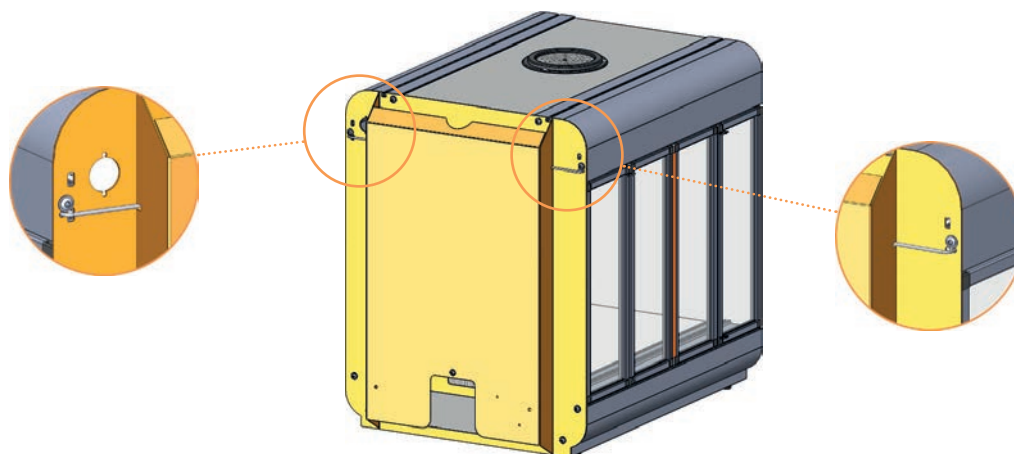
43



300: 548 mm
420: 668 mm



6.3



6.4

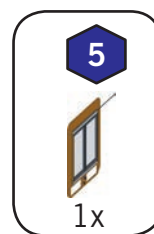
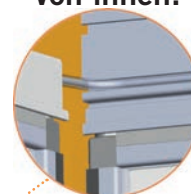
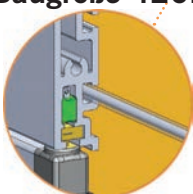
Baugröße 300:

von innen:

5

1x

Baugröße 420:

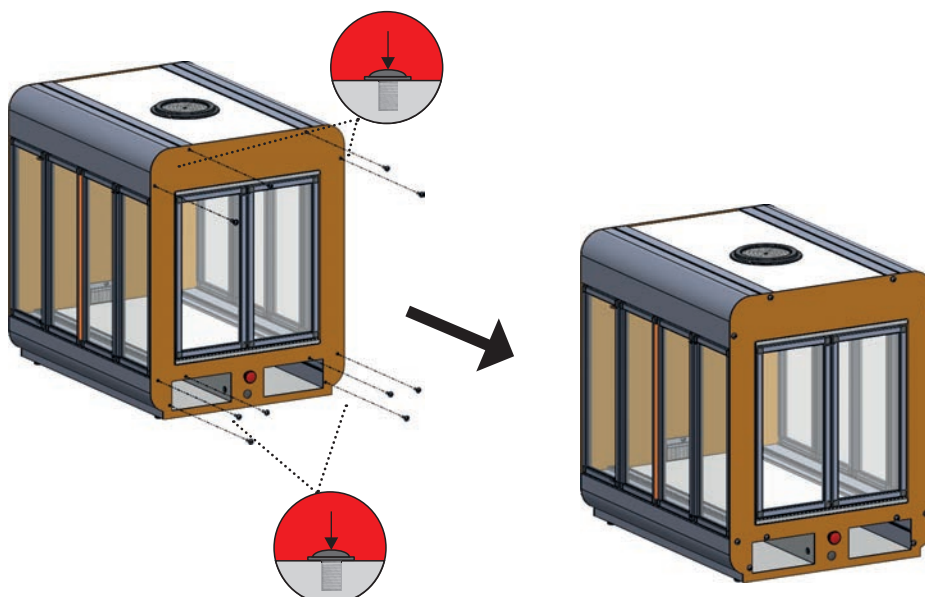


6.5

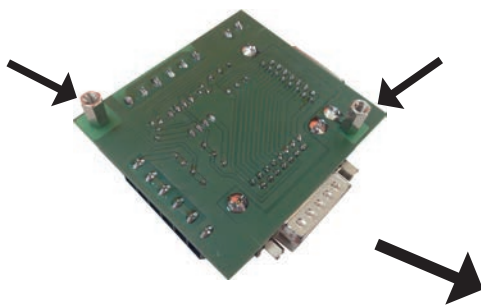
33



10x



6.6



36



2x

38



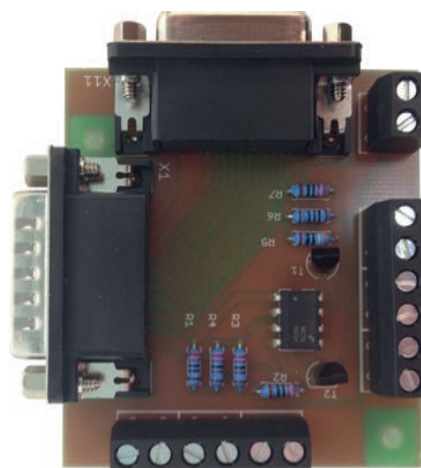
2x

6.7

Einsatzwerkzeug/
Switch-Box



Desktop-CNC-/3D-
System



Not-Aus

LED-Power (opt.)

LED-Schalter(opt.)

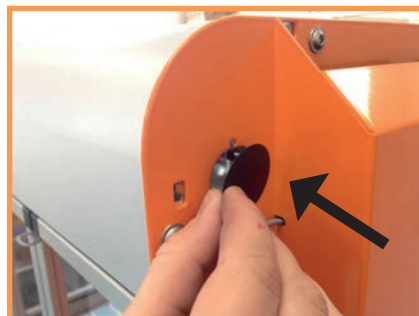
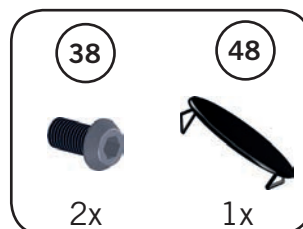
12V-Power (opt.)

Tür rechts

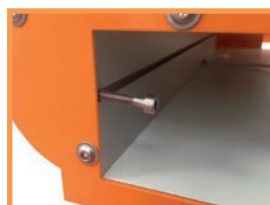
Tür links

Tür Front

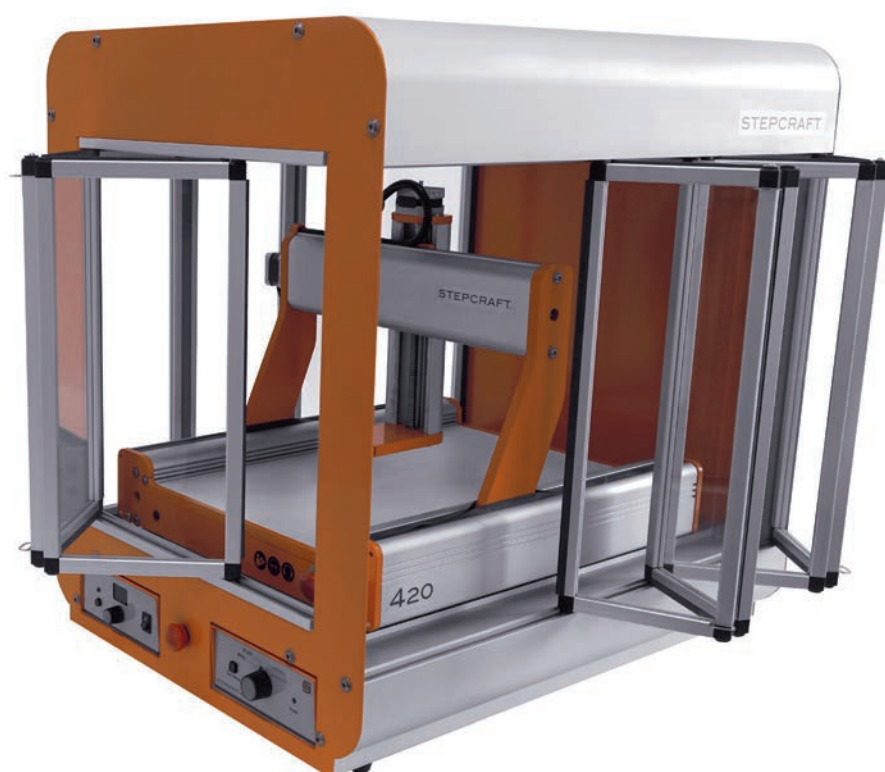
6.8



6.9



Mit den Zylinderkopfschrauben M5 x 30 mm können das **STEPCRAFT** Desktop-CNC-/3D-System, Steuergeräte oder die Switch-Box und Schubladen in der Umhausung in ihrer Endlage fixiert werden.



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