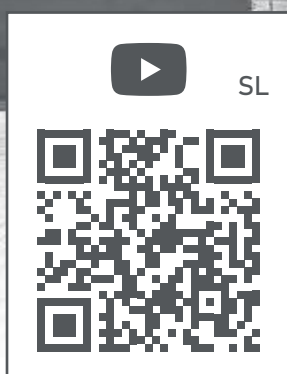
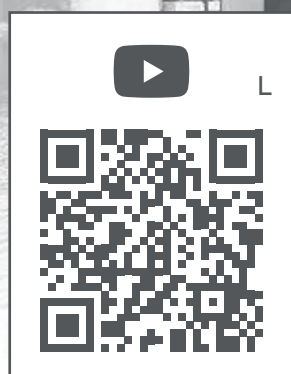




K2R L/SL

SZERELÉSI ÚTMUTATÓ SZEKCIONÁLT GARÁZSKAPU



HOME
PRODUKTY DLA DOMU



JELENTÉS

leírások, javaslatok, megjegyzések



VESZÉLY Balesetveszély, amely akár halálos kimenetelű is lehet a felhasználó számára.



FIGYELEM Tanácsok a termék kopásának és elhasználódásának megelőzésére.



NE FELEDJE - Kulcsfontosságú funkciók vagy hasznos információk. Fordítson maximális figyelmet a jelzett információkra.



TOVÁBBI INFORMÁCIÓK
További információk.



VESZÉLY
ELEKTROMOS VESZÉLY



TŰZVESZÉLY



TILTÁS
TILOS A DOHÁNYZÁS A GÉP KÖZELÉBEN



NE TÁVOLÍTSA EL A VÉDŐBURKOLATOKAT



OPCIONÁLIS TÉTEL

UTASÍTÁSOK



A MUNKA VAGY JAVÍTÁS MEGKEZDÉSE ELŐTT KAPCSOLJA KI AZ ÁRAMELLÁTÁST.



A TELEPÍTÉSI ÉS KARBANTARTÁSI MUNKÁKAT CSAK VÉDŐKESZTYŰBEN SZABAD VÉGEZNI.



A TELEPÍTÉSI ÉS KARBANTARTÁSI MUNKÁKAT CSAK VÉDŐCIPŐBEN SZABAD VÉGEZNI.

1. A telepítést megfelelően képzett és szakképzett szerelőcsapatnak kell végeznie.
2. Tartsa be a kötelező munkavédelmi előírásokat. Fordítson különös figyelmet a biztonság fenntartására az elektromos munkák vagy a magasban végzett munkák során.
3. A telepítési helyszínt megfelelően meg kell jelölni és biztosítani kell.
4. A telepítési aljzatnak a következő tulajdonságokkal kell rendelkeznie:
 - falak esetében - megfelelő szilárdságú, száraz és egyenletes felület, a kötelező építési előírásoknak megfelelően előkészítve,
 - fémszerkezetek esetében - megfelelő szilárdság és szerkezeti helyesség.
5. Az aljzattól függően a következő rögzítőelemeket kell használni:
 - vasbeton vagy tömör téglá aljzat esetén Ø12 mm x 80 mm bővítőcsavarok (tengelytartókhoz), Ø10 mm x 60 mm bővítőcsavarok (vezetősínhez),
 - acélszerkezetek esetén - M8 csavarok (tengelytartókhoz), M6 csavarok (vezetősínhez) vagy Ø6,3 mm önfúró csavarok (az acélszerkezet falainak legalább 3 mm vastagnak kell lenniük).
 - légszákókat tartalmazó anyagokból készült falak esetén - az ilyen aljzathoz megfelelő rögzítőrendszerek,
 - egyéb anyagok esetén (lyukacsos téglá, gázbeton stb.) - lyukacsos téglákhoz és gázbetonhoz való tiplik, pl. Fischer 10 mm x 80 mm SXRL, 8 mm x 65 mm DuoPower.
6. Különös figyelmet kell fordítani a rugók és az oldalsó tartók felszerelésére (ezekre jelentős csavaróerők hatnak).
7. Figyeljen az egyes szerelési tevékenységekre vonatkozó tájékoztató és figyelmeztető jelzésekre.
8. A kapu beszerelése, ellenőrzése és szükség esetén beállítása után oktassa ki a felhasználót a termék működtetésére.
9. Gondoskodni kell a megfelelő szellőzésről azokban a helyiségekben, ahol a kapukat használni fogják. Ellenkező esetben a kapu korrózióknak lesz kitéve.
10. Gondoskodni kell a kapuk megfelelő védelméről a korróziót okozó agresszív anyagokkal szemben (pl. téglából vagy habarcsból).
11. Autómosókban használt kapuk esetén a korrózióvédelem esetleges hiányának helyét megfelelően védeni kell.

Szerelési szerszámok:

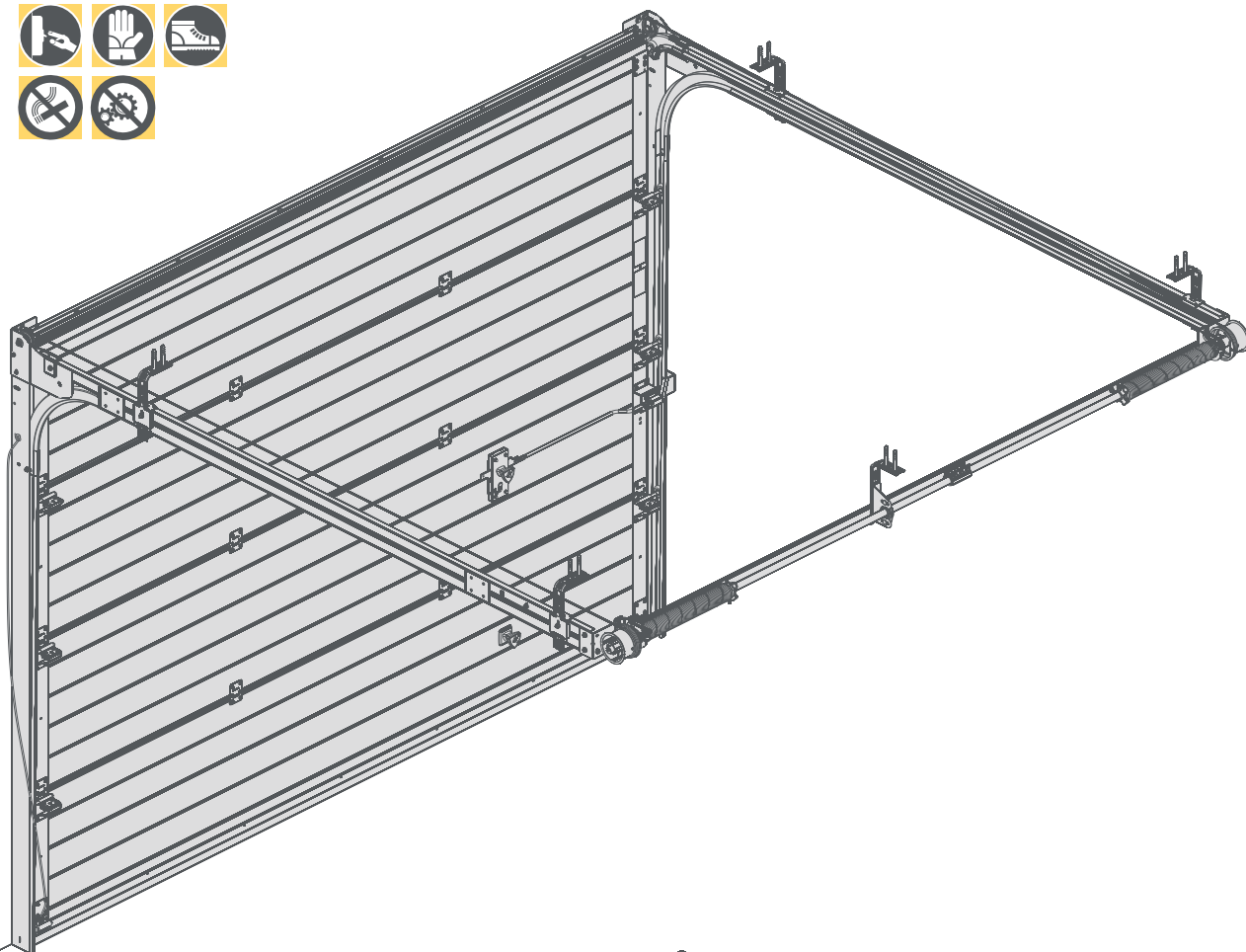
Ütvefúró
Fémfúrógép
Állítható működésű elektromos csavarhúzó
Sarokcsiszoló/fémfűrész
Fémfúrók Ø8,5 mm
Betonfúrók Ø10 mm és Ø12 mm
Villáskulcsok: 10; 13; 14; 15; 17
Megfelelő létra/állvány
Kalapács
Mérőszalag
Ceruza
Vízmeríték

Tisztítóeszközök:
Kefe, lapát, porszívó

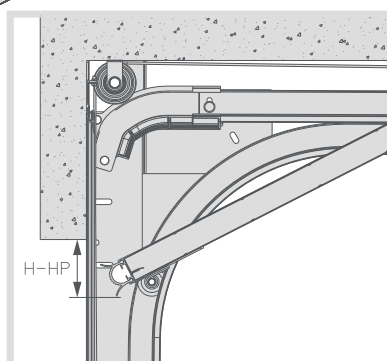
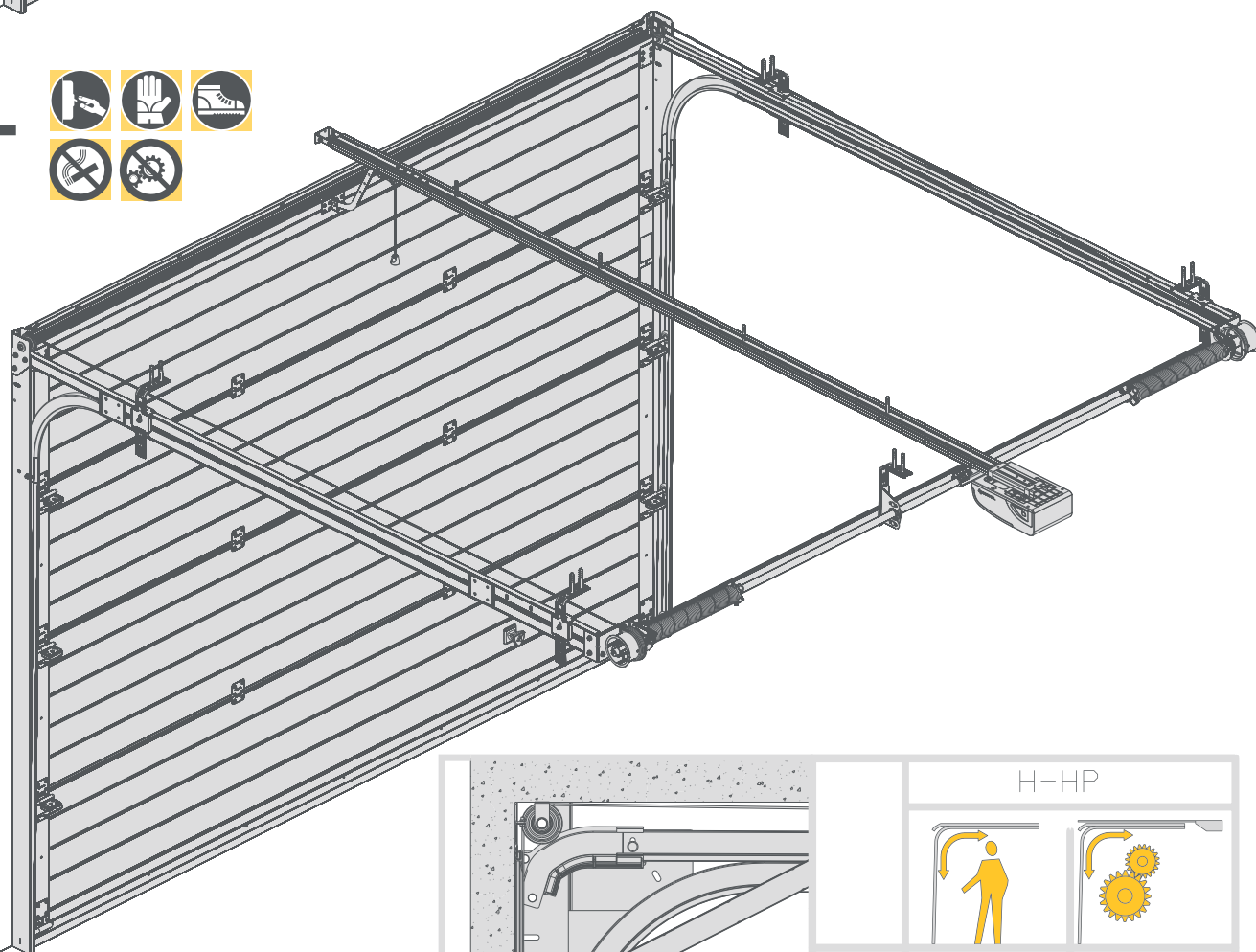
FIGYELEM

A termék csak a teljes telepítési folyamat befejezése után használható!
Tartsa tisztán a szerelés során és tisztítsa meg

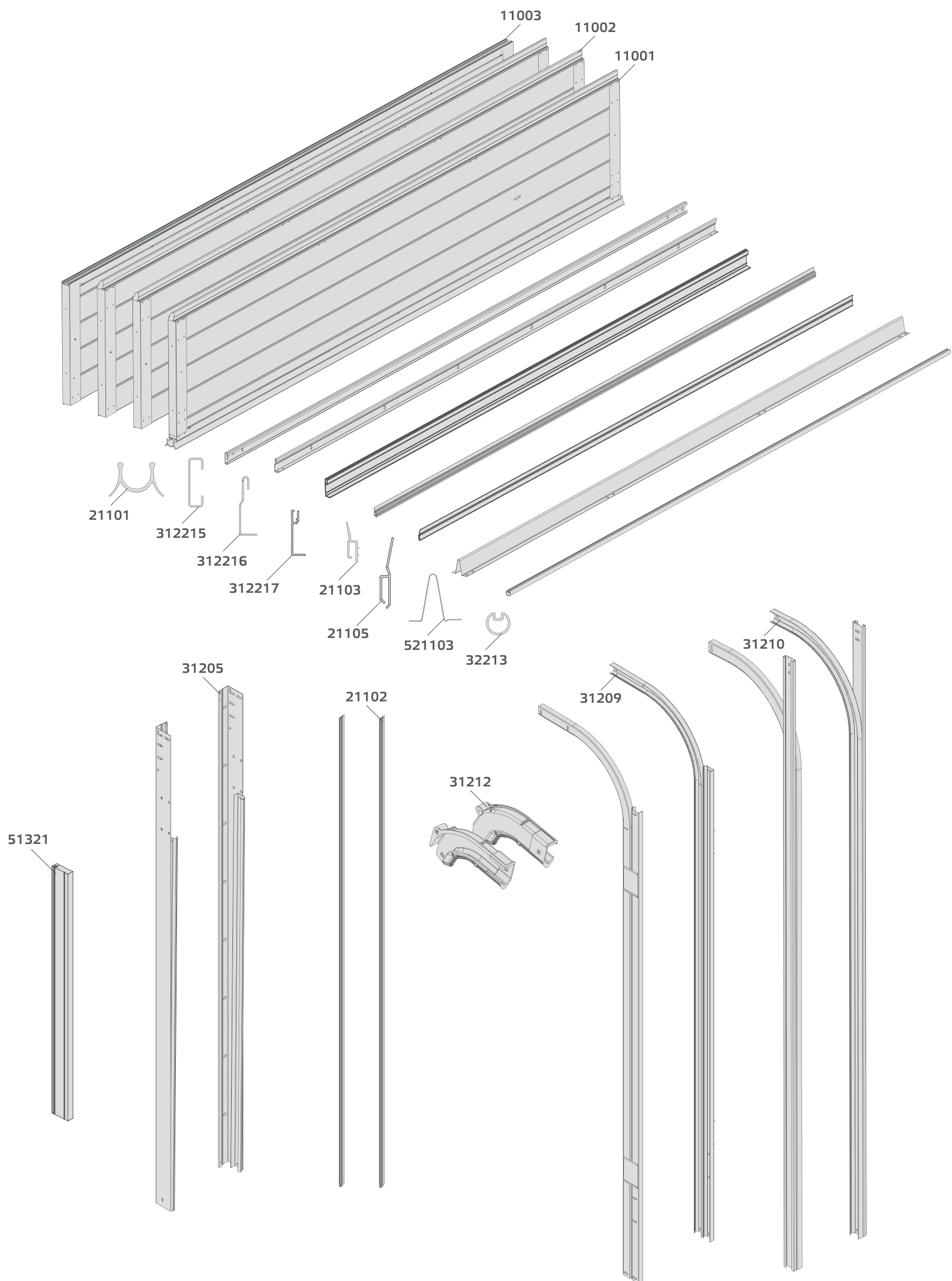
L

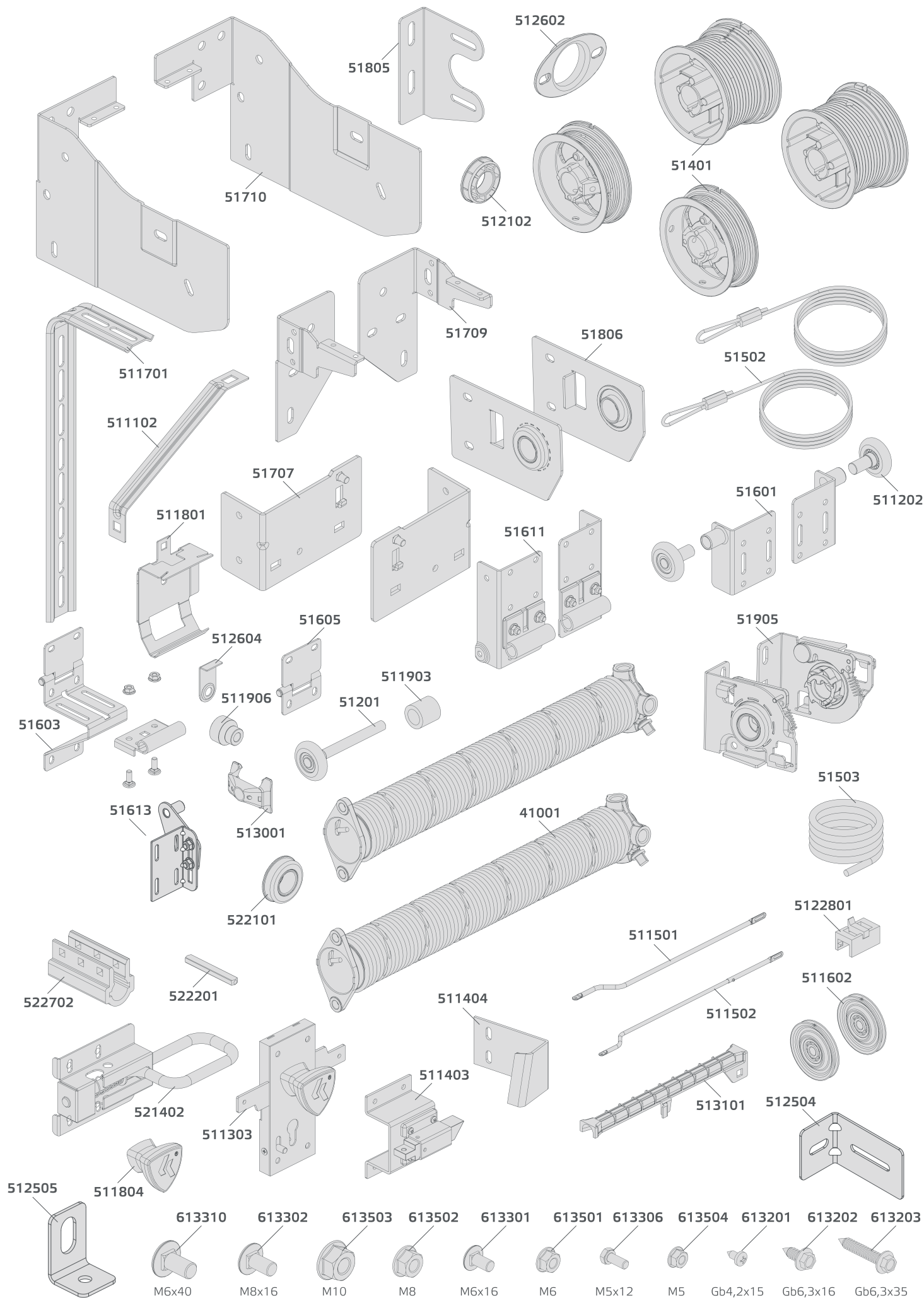


SL



H-HP		
L	100	100
L15		
SL		100

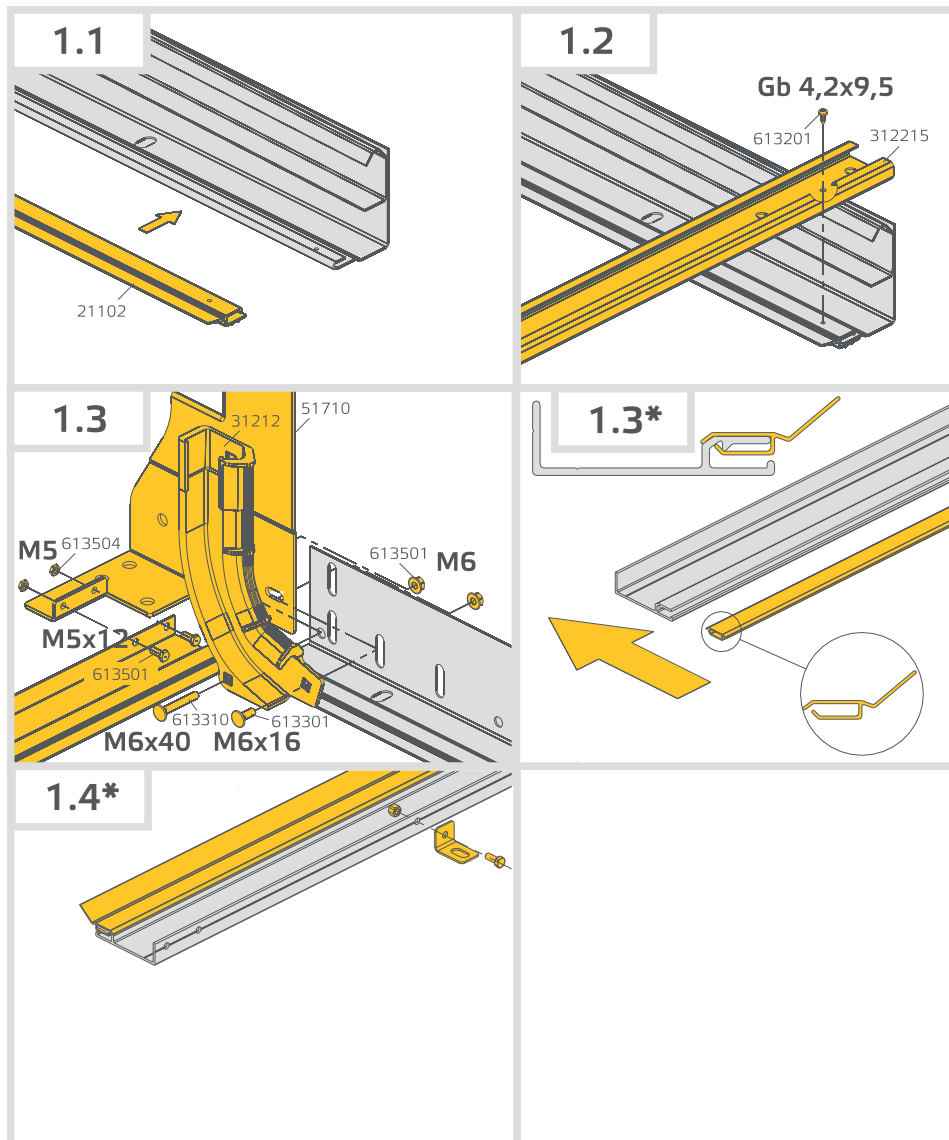
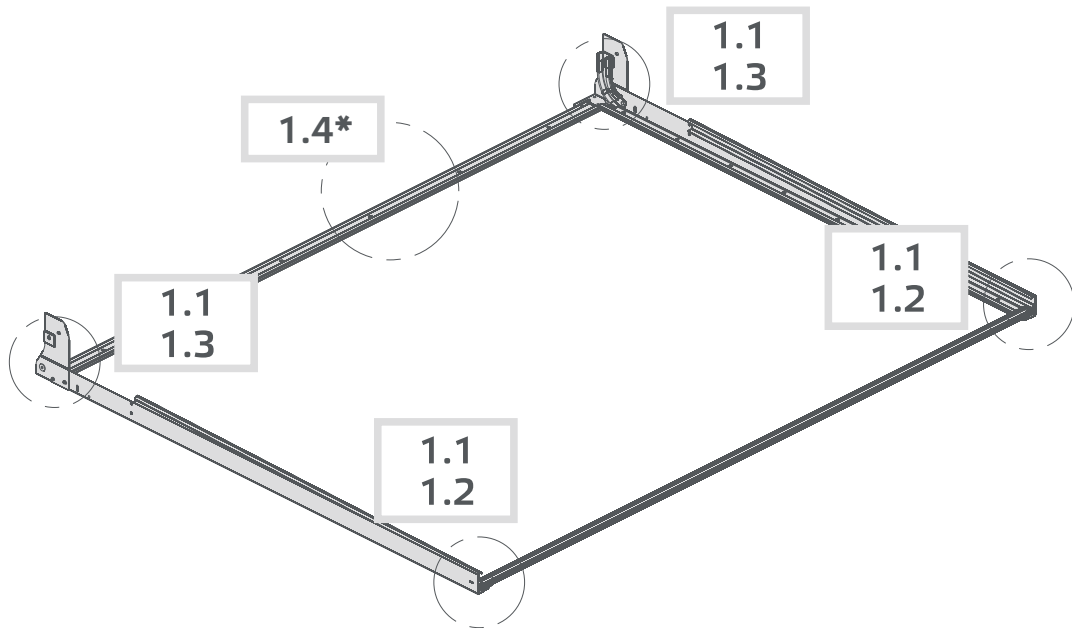


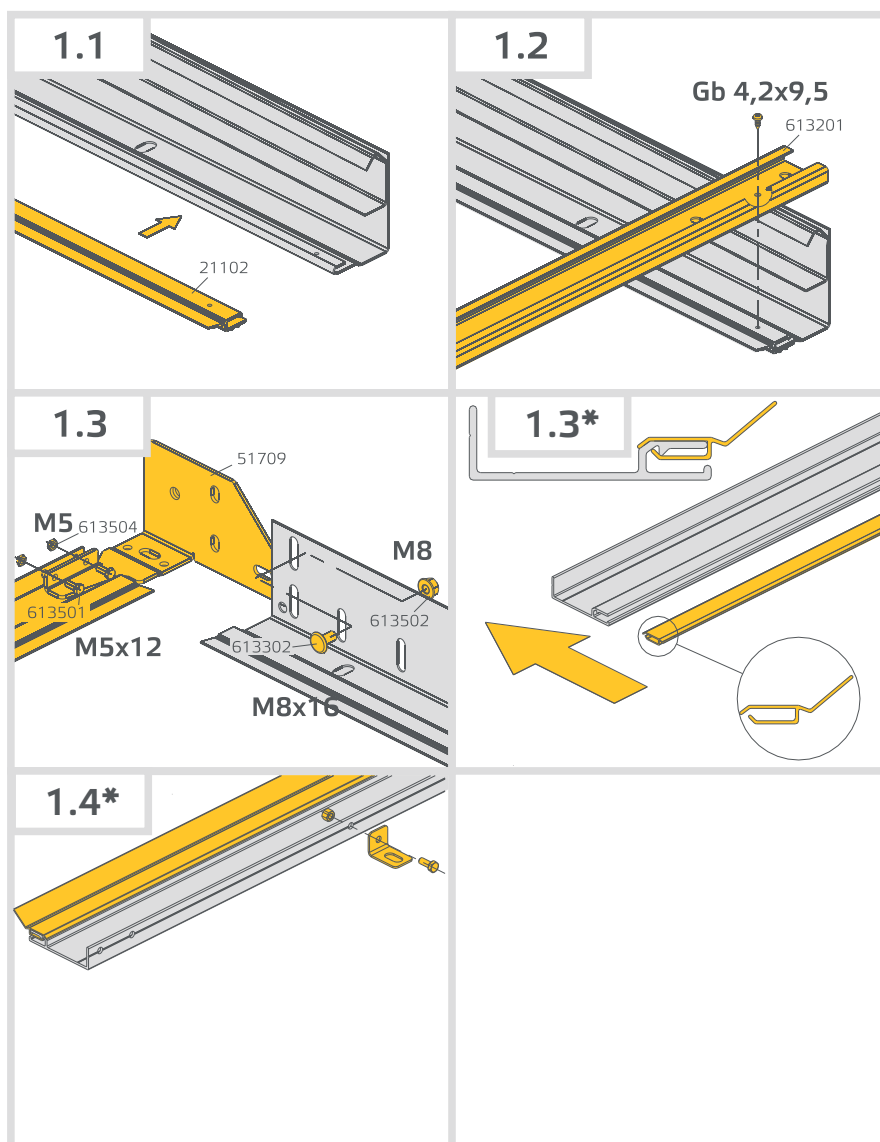
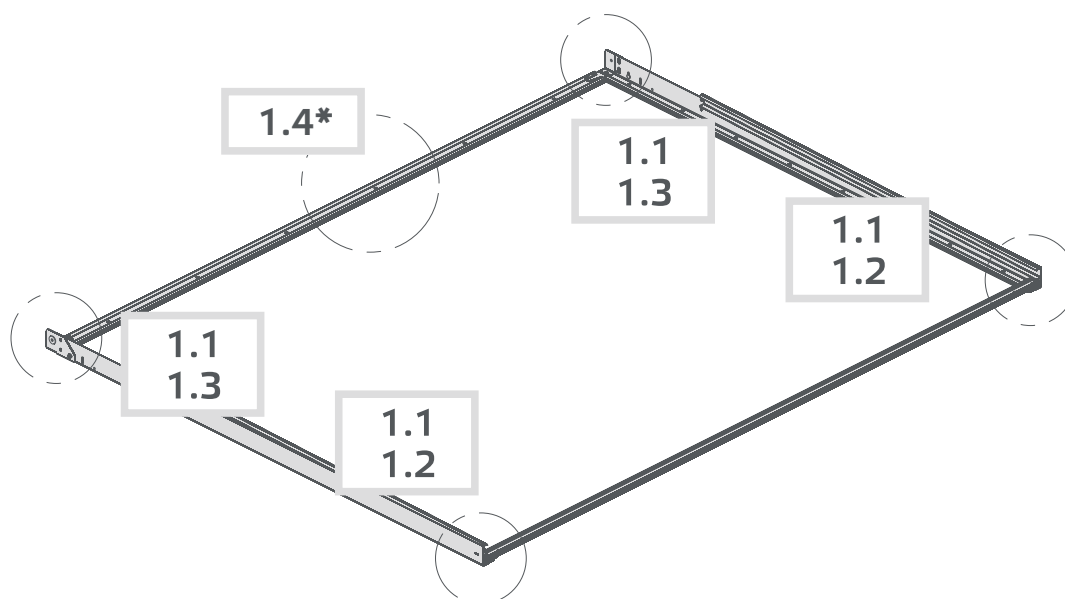


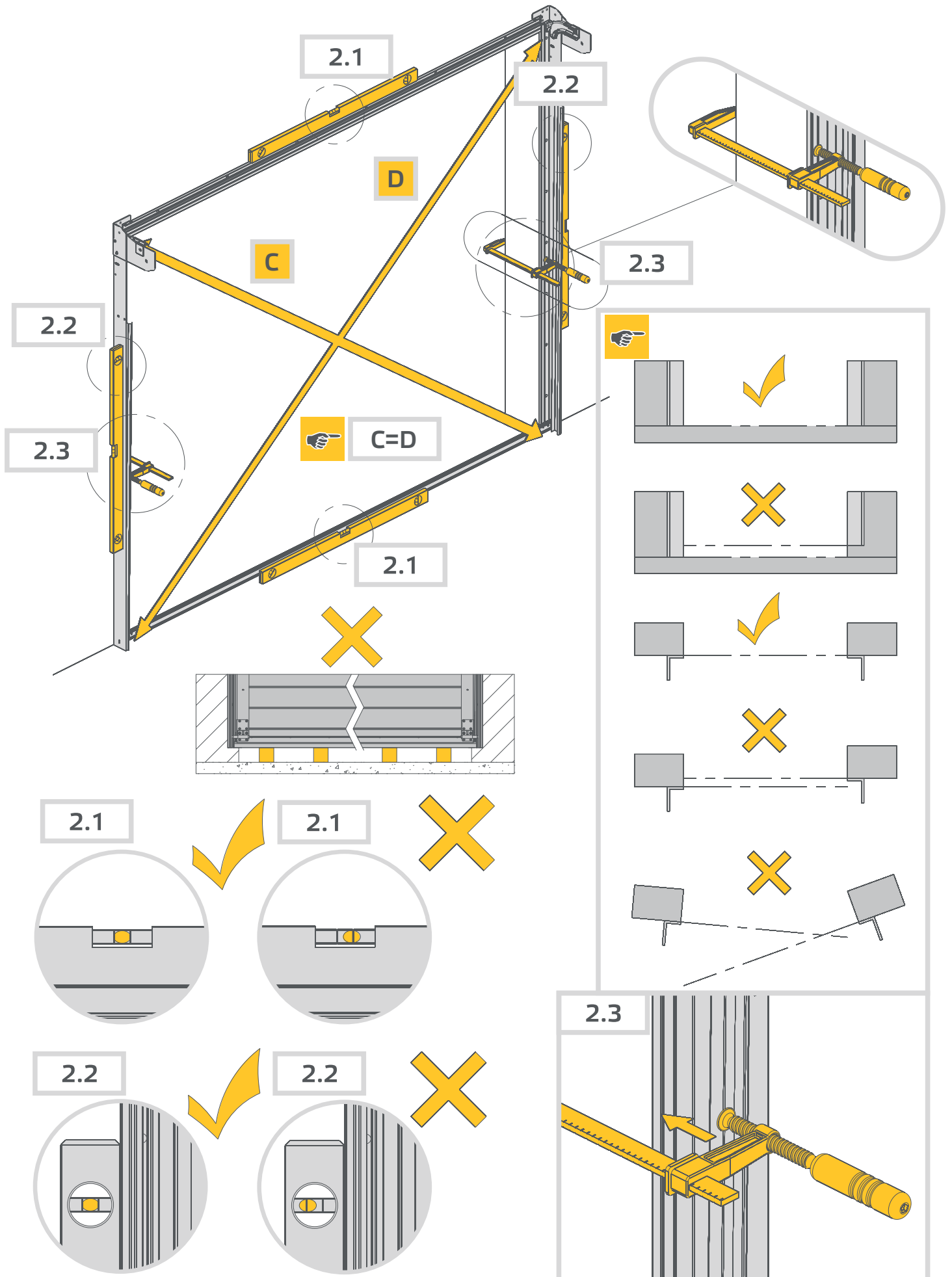
ELEMEK LISTÁJA

ELEMEK LISTÁJA	SOROZATSZÁM
1 - PANEL	
alsó panel profillal	11001
középső panel	11002
felső panel profillal	11003
2 - TÖMÍTÉS	
alsó tömítés (alsó panelhez)	21101
oldalsó tömítések (függőleges szögekhez)	21102
felső tömítés (szemöldökprofilhoz)	21103
felső tömítés (szemöldökprofilhoz) (ALU)	21105
3 - SÍNEK	
függőleges szögek függőleges sínekkel	31205
vízszintes sínek L	31209
vízszintes sínek SL	31210
szerelőperem	312215
szemöldökprofil	312216
szemöldökprofil (ALU)	312217
tengelycső kulcshoronnyal	32213
4 - RUGÓ	
feszítőrugó	41001
5 - ELEMEK	
rugótörés-biztosító tengelycsőhöz kulcshoronnyal (pár)	51905
Omega B>4750 merevítőprofil	521103
kábeldob	51401
acélkábelek (pár)	41502
tengelycsatoló	522702
középső csapágytartó lemez	51805
PVC csapágy	512102
csapágytartó	512602
szerelőkészlet	511701/511801
szerelőkészlet merevítés	511102
oldalsó csapágylemez	51806
oldalkonzol (pár)	51709
hátsó konzol (pár)	51707
felső ív, műanyag (pár)	31212

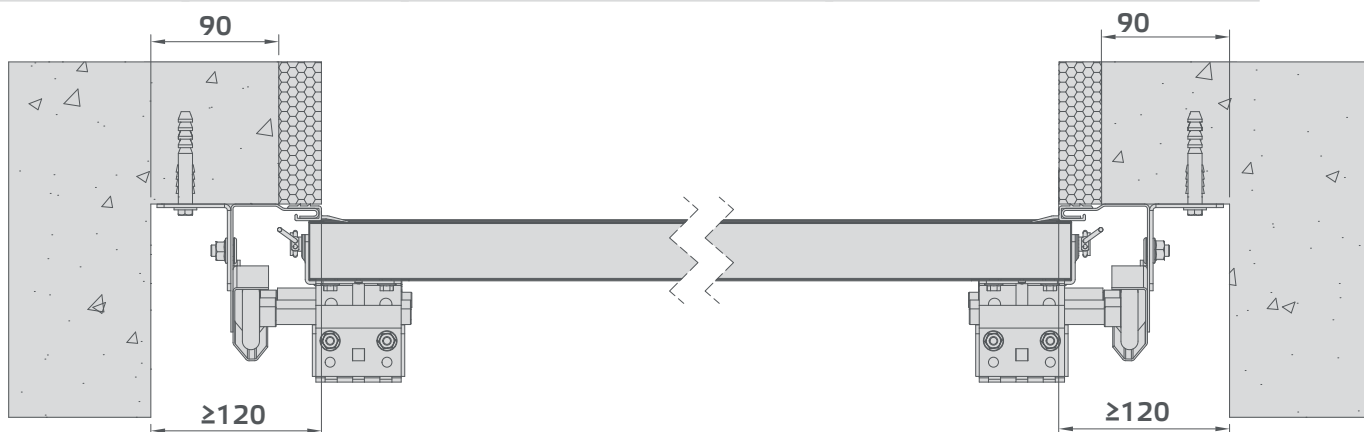
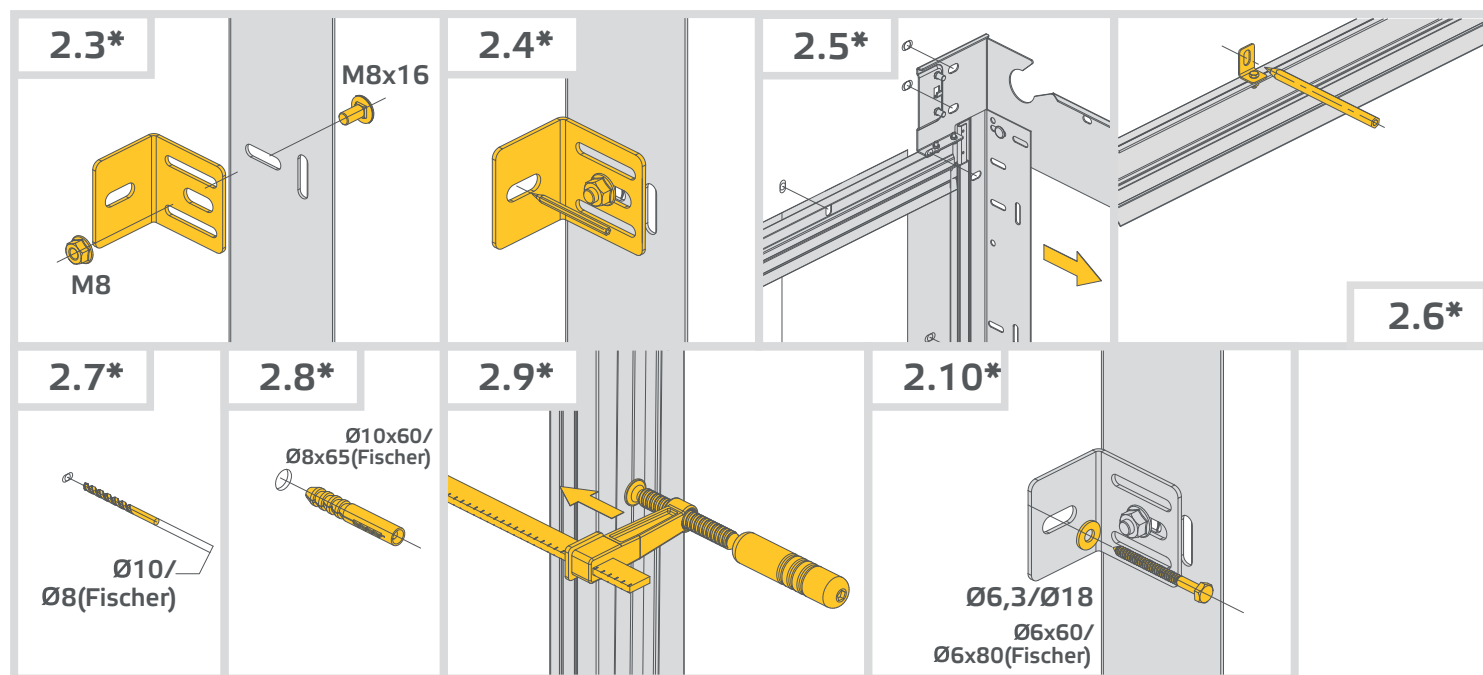
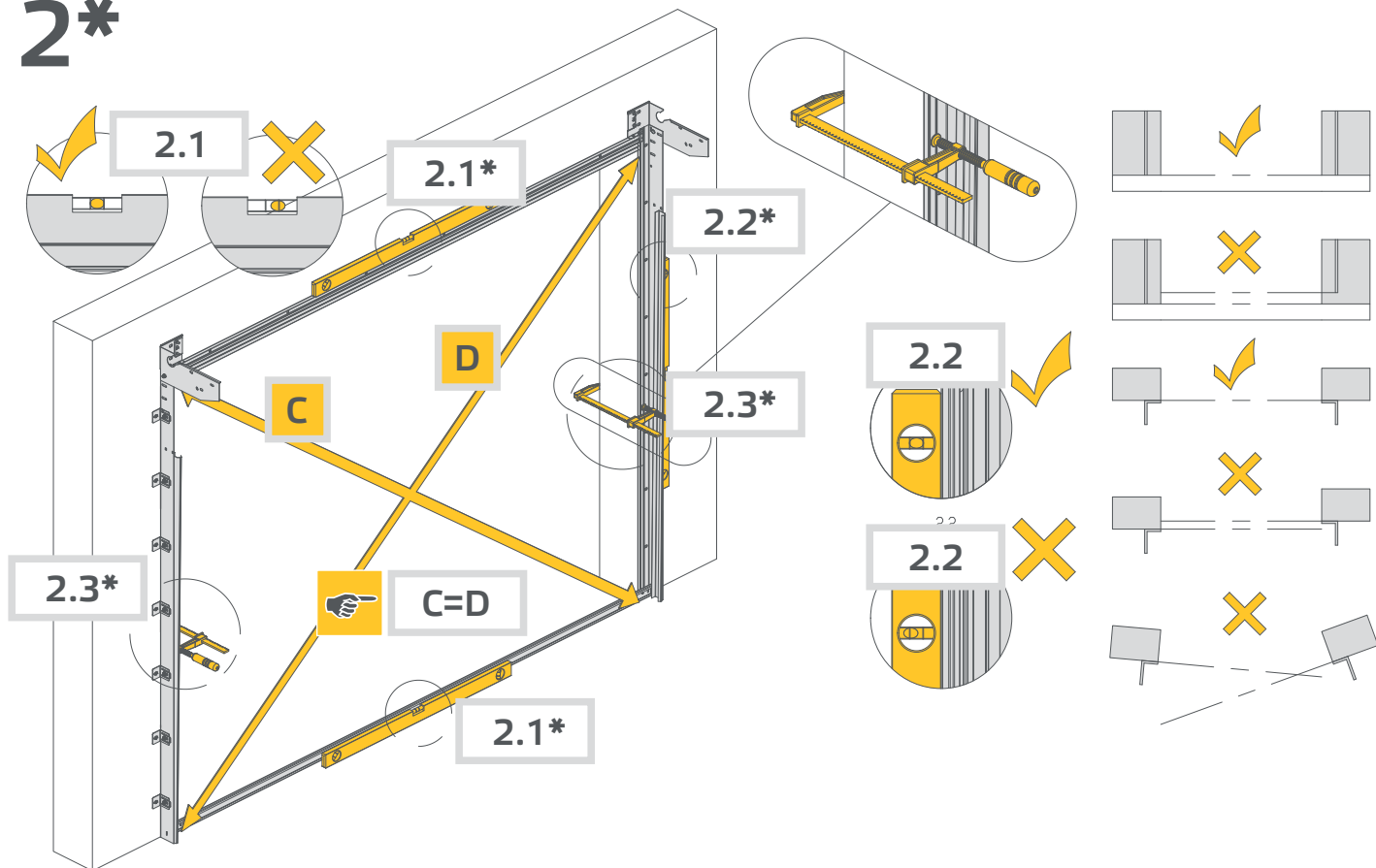
alsó zsanér (pár)	51611
távtartó hüvely az alsó görgőhöz	511903
felső zsanér (pár) L12	51601
felső zsanér (pár) L15	51613
görgős, hosszú	511201
görgős, rövid	511202
oldalpánt görgős tartóval	51603
közbenső zsanér	51605
görgővédelem	513001
hengerzár	511303
zárcsavar	511403
csavarblokk	511404
markolat fogantyú	511804
reteszelő csavar	521402
zárrúd, standard	511501
zárrúd, állítható	511502
üreges tengely, ék	522201
kézi működtetésű kábel	52503
korlátozó klip	5122801
kábeltárcsa	511602
távtartó hüvely a kábeltárcsához	511906
kábeltárcsa bilincs	512604
fék, műanyag	513101
oldalsó tartókonzol	512504
EPS szerelvény 1200 mm	51321
tartókonzol az alumínium áthidaló léchez 20x30x1,5	512505
6 - CSAVAROK, CSAVAROK, ANYÁK	
	313302
anyák (M8)	613502
csavarok (M6x16)	613301
anyák (M6)	613501
csavarok (M5x12)	613306
anyák (M5)	613504
csavarok (6,3x16)	613202
csavarok (6,3x35)	613203
csavarok (4,2x9,5)	613201
csavarok (M6x40)	613310
csavarok (M10)	613503



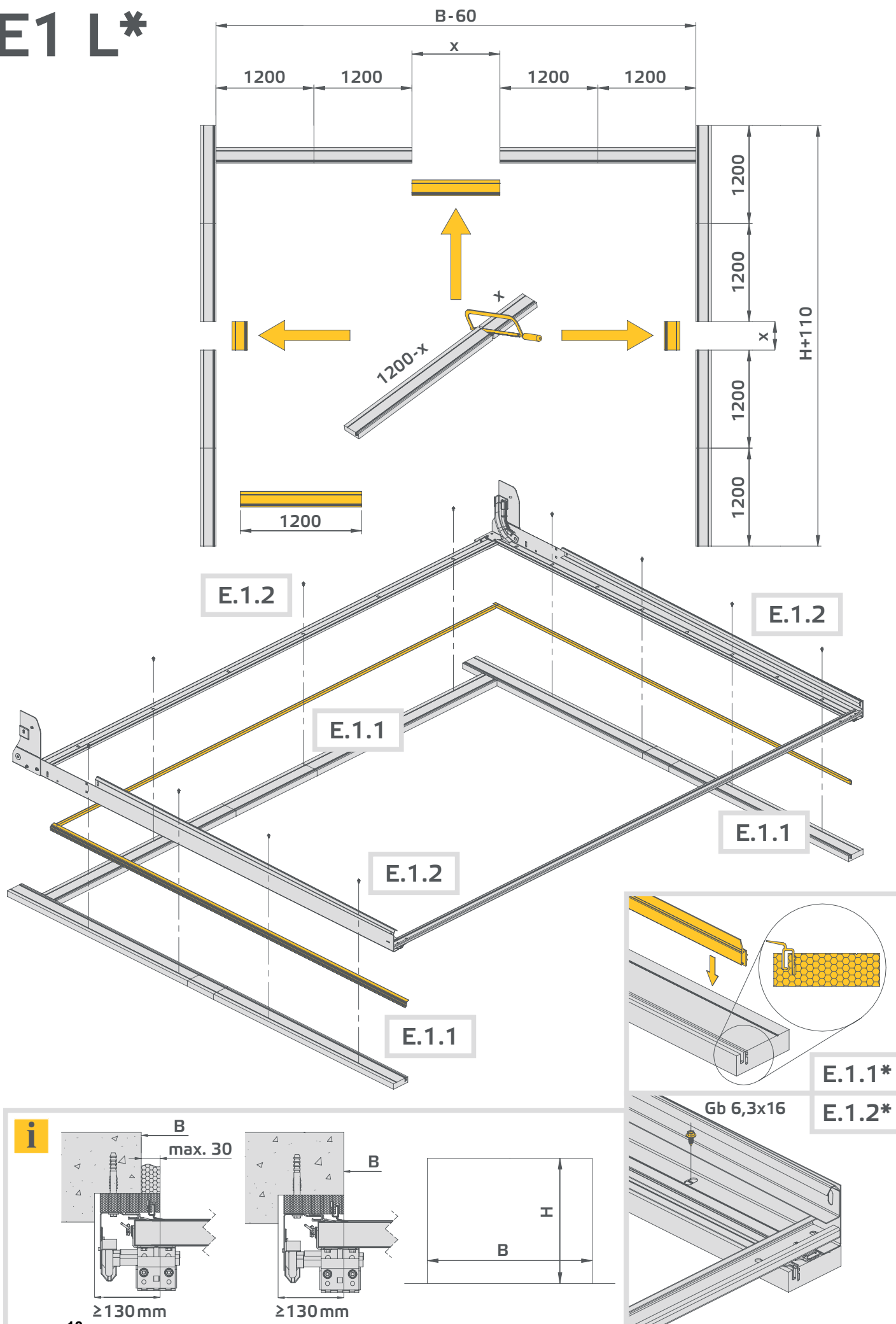




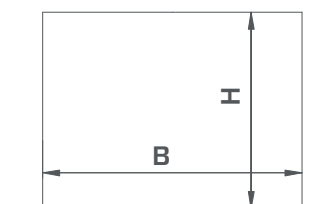
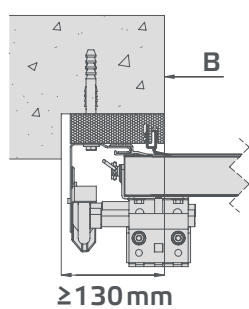
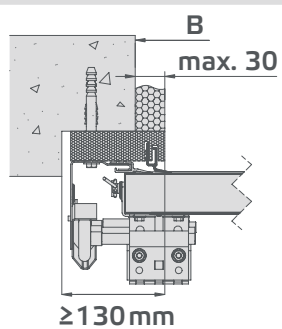
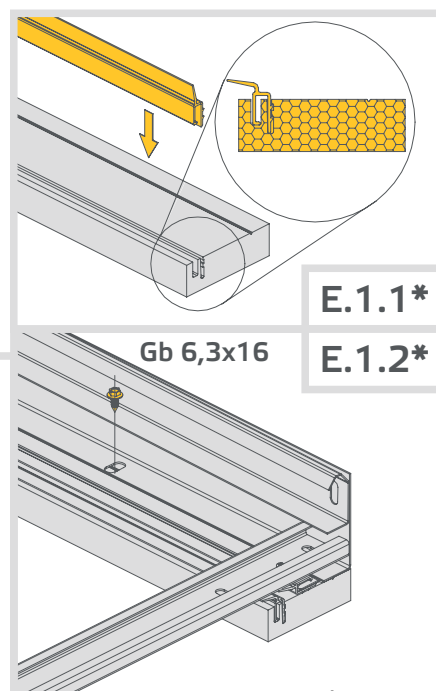
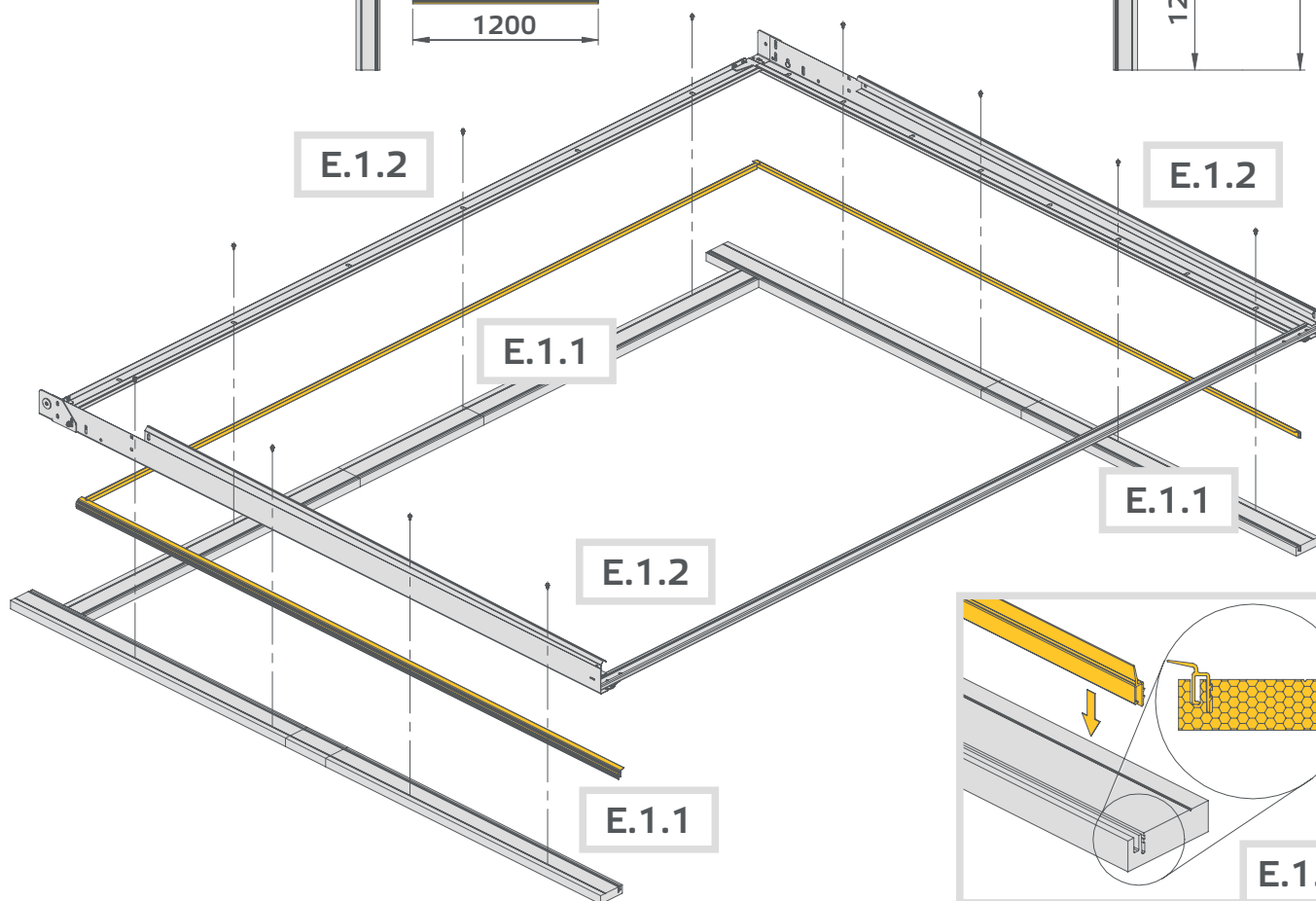
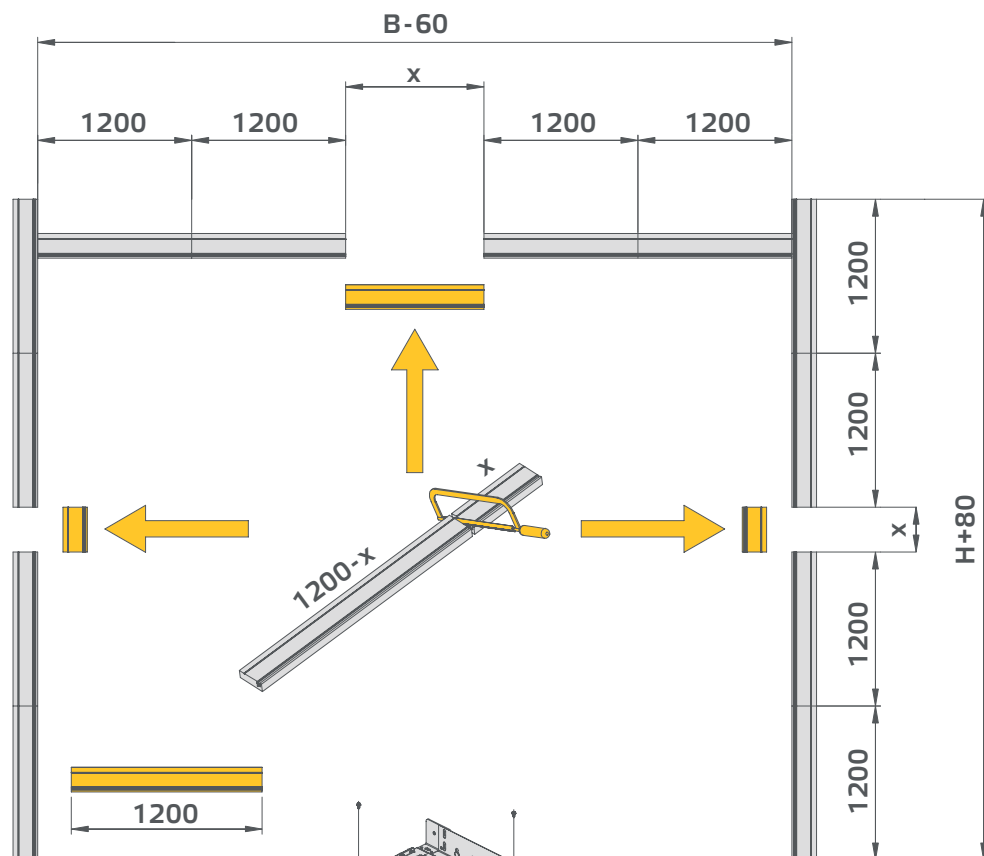
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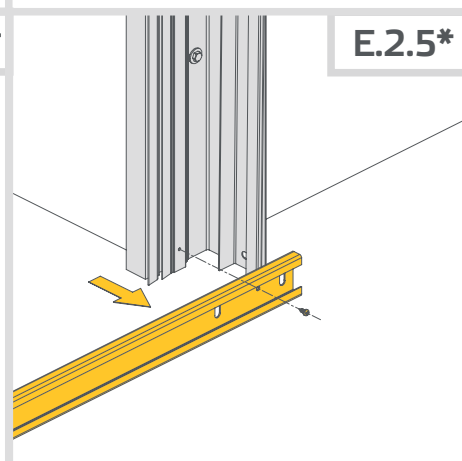
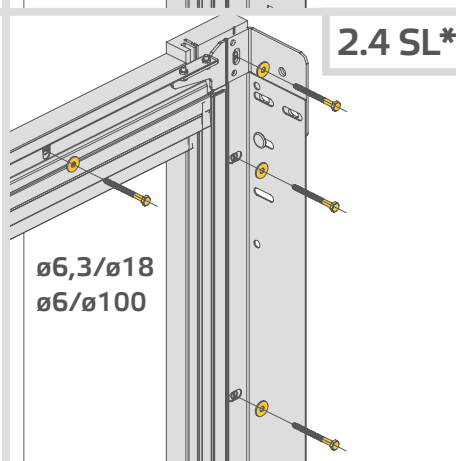
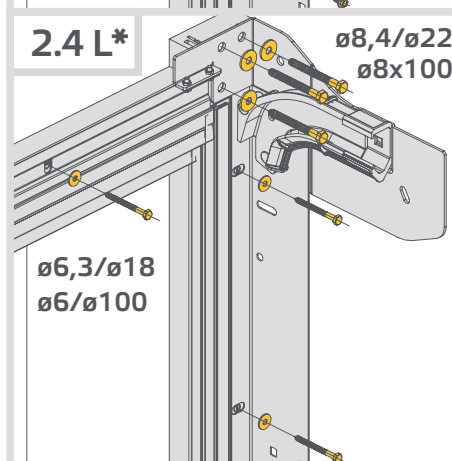
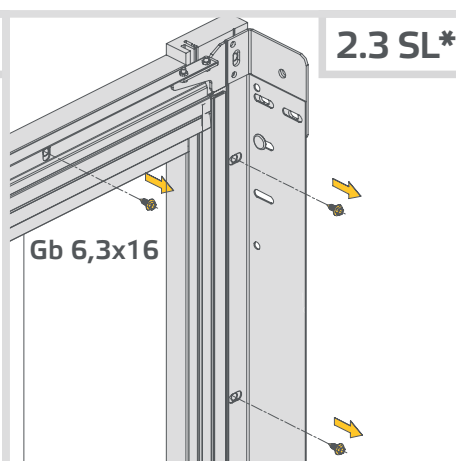
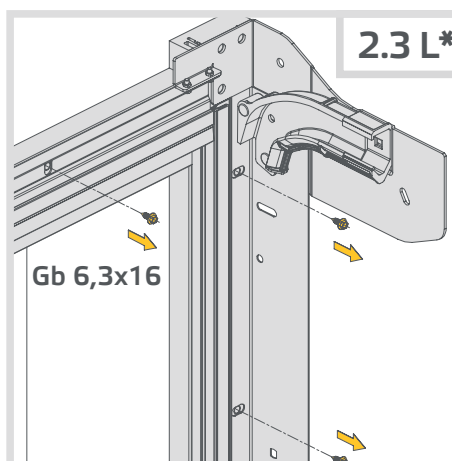
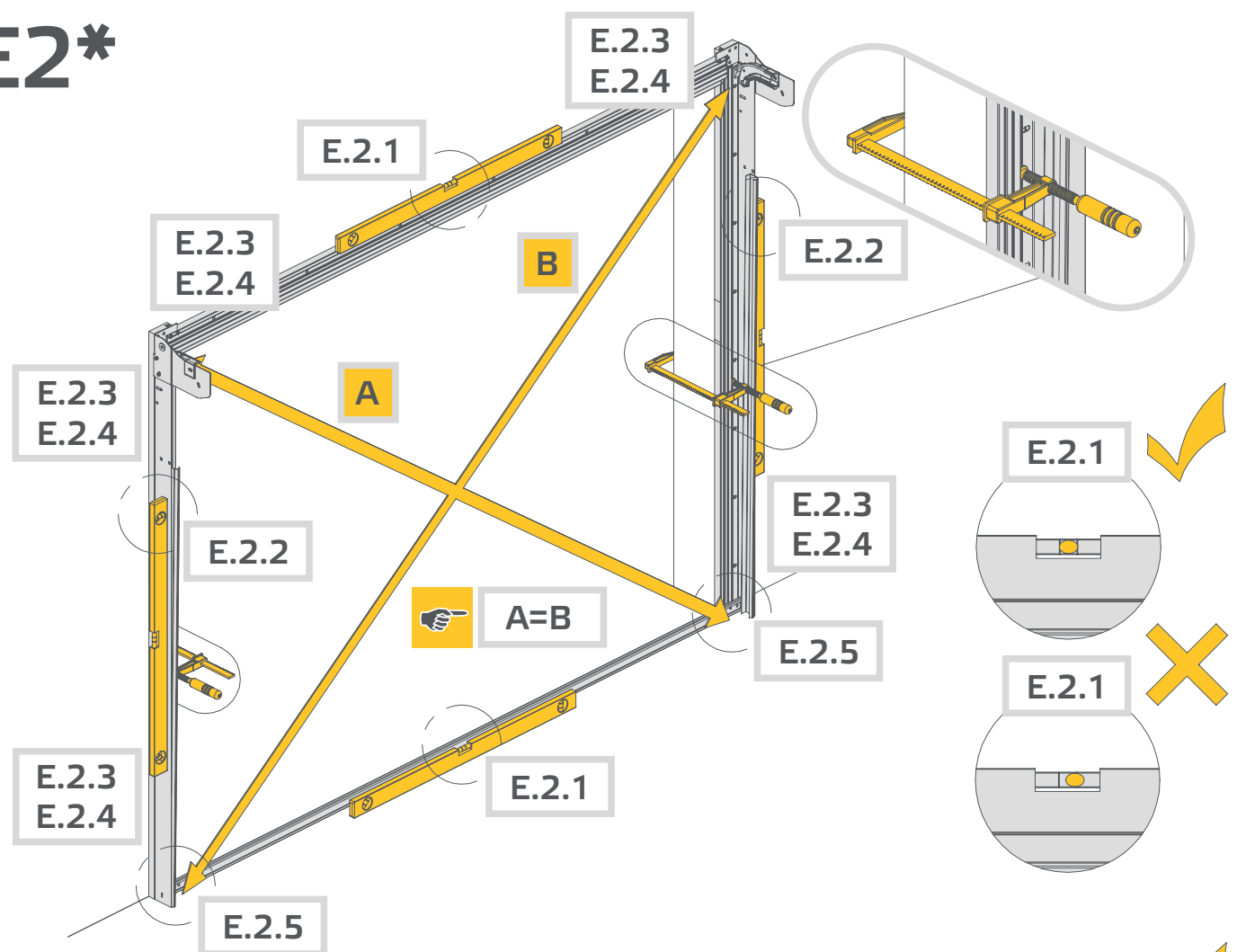
E1 L*



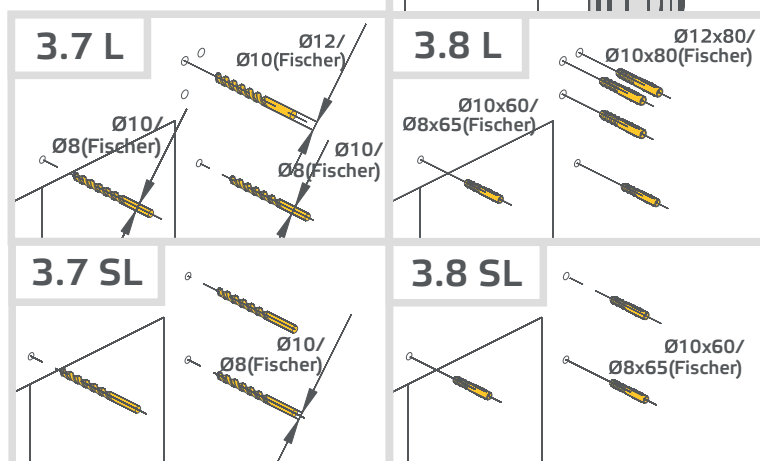
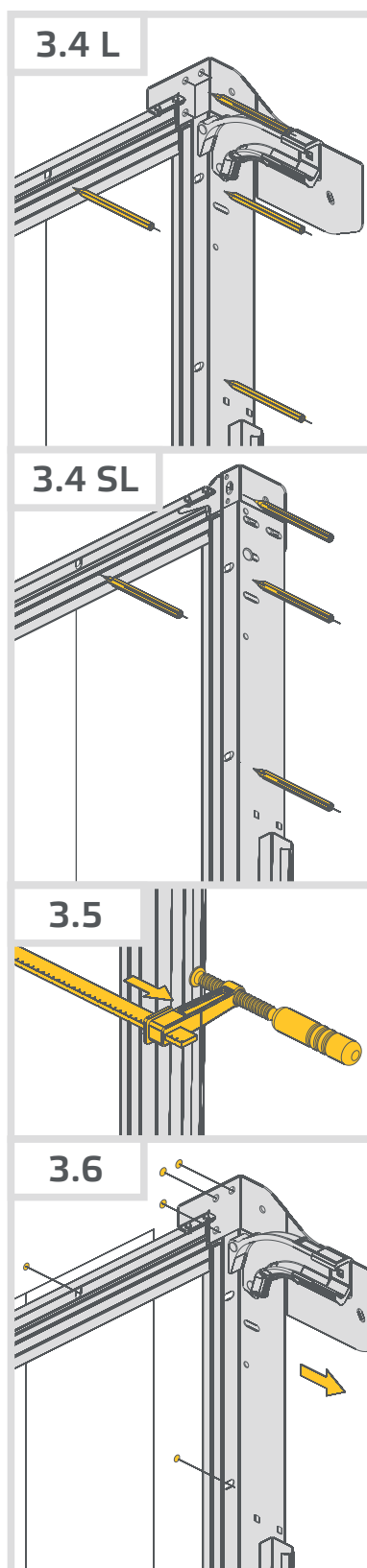
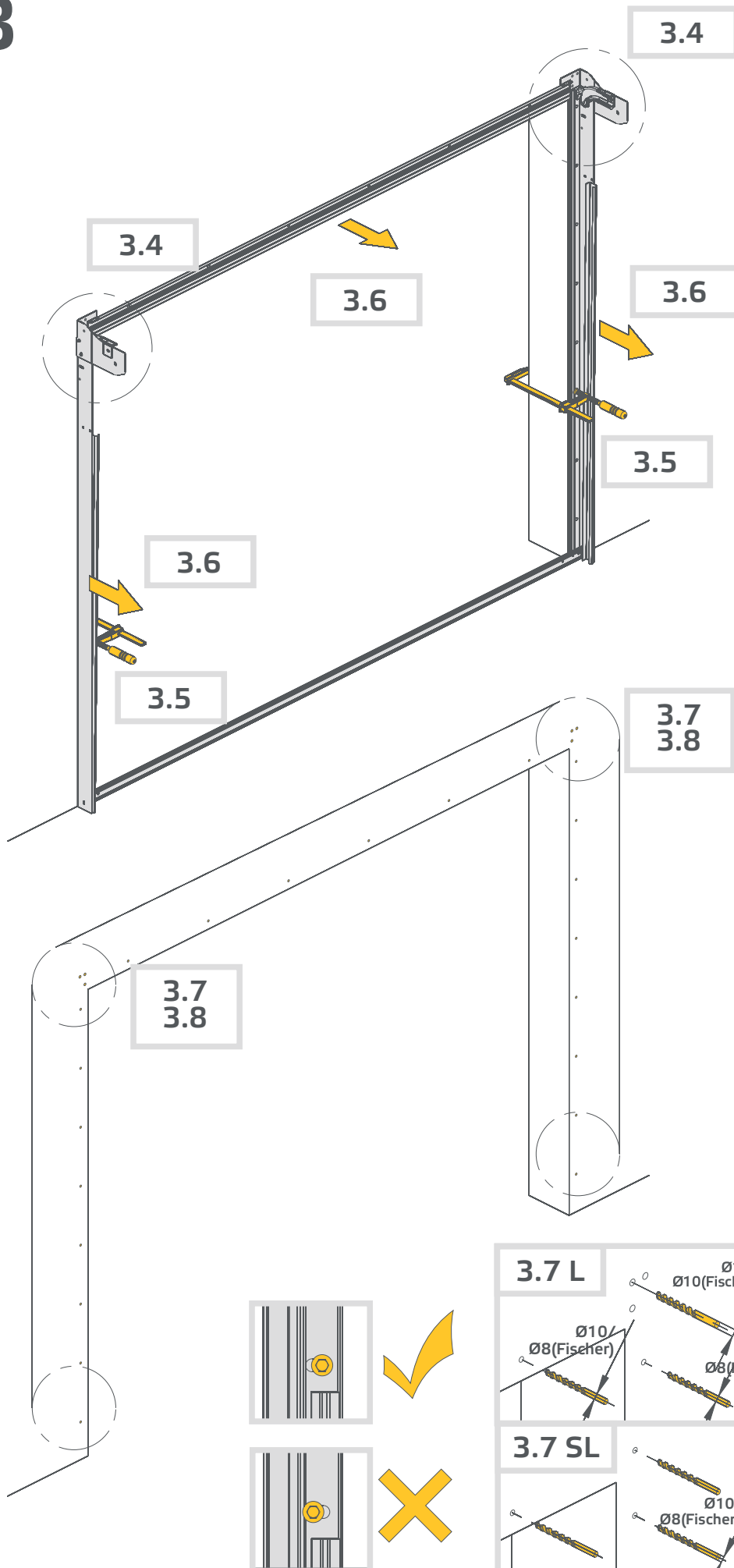
E1 SL*



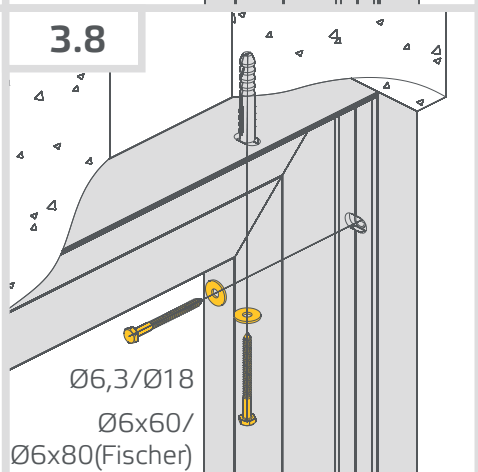
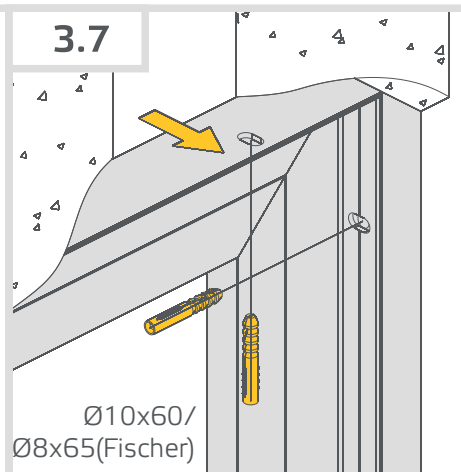
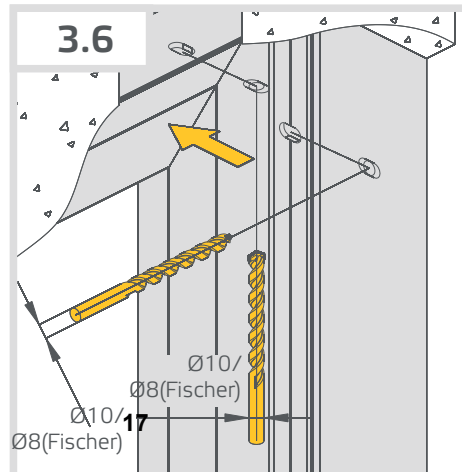
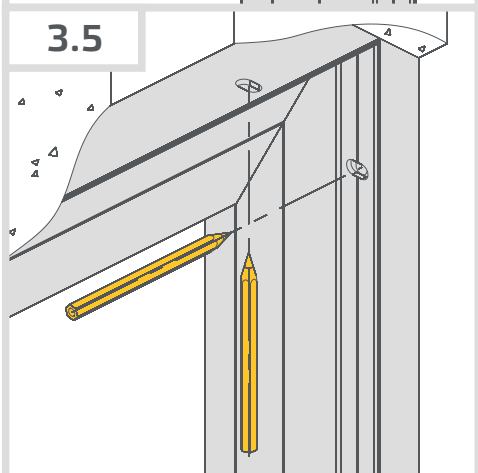
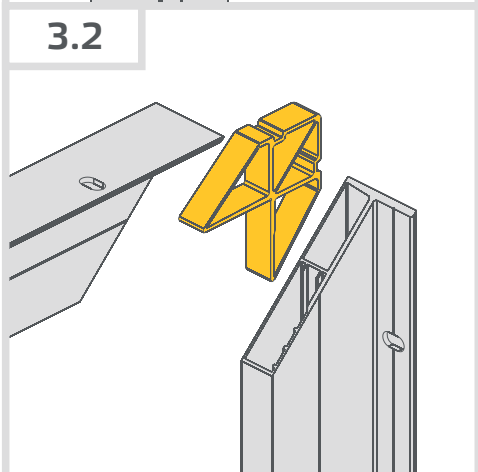
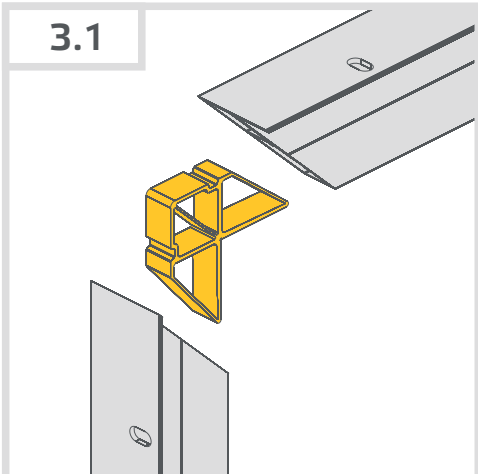
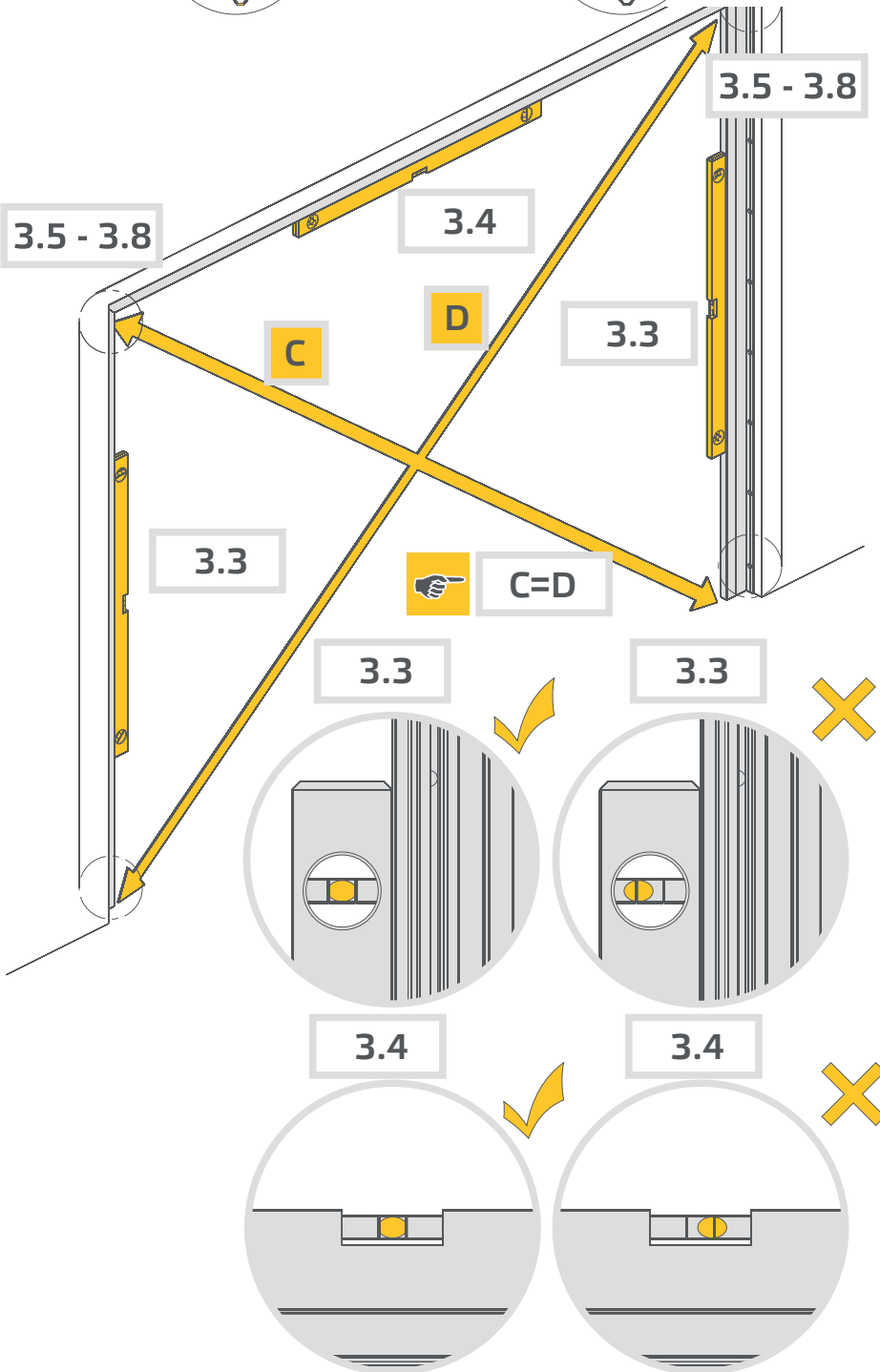
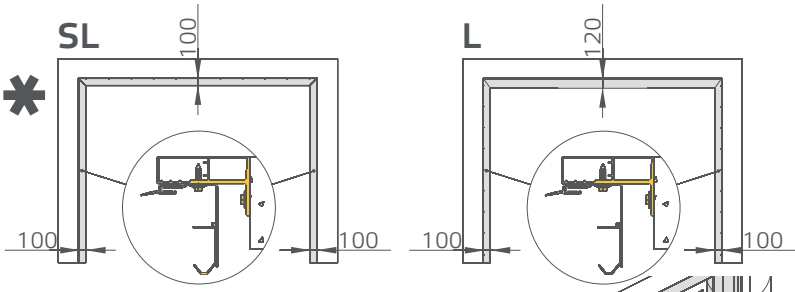
E2*

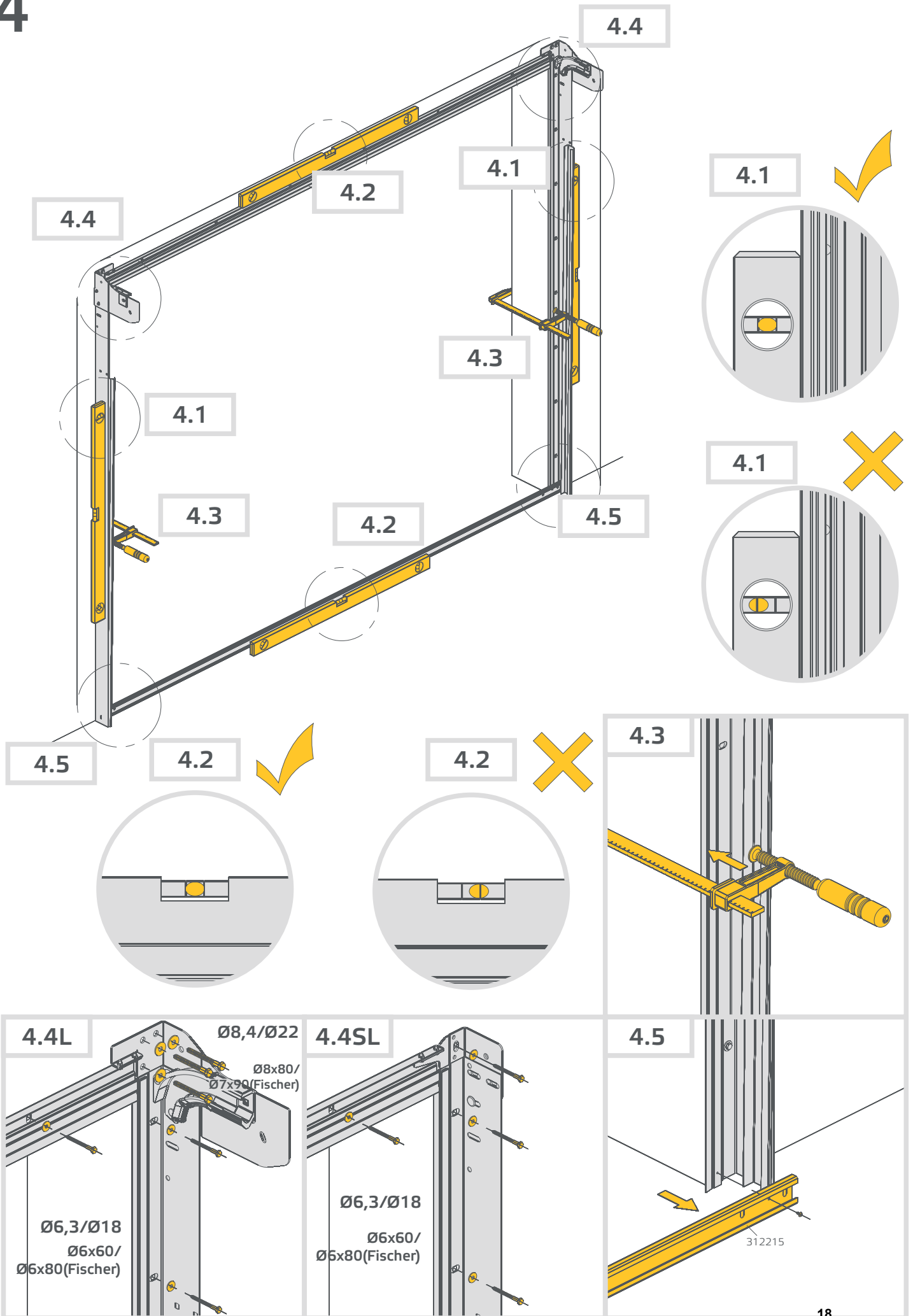


3

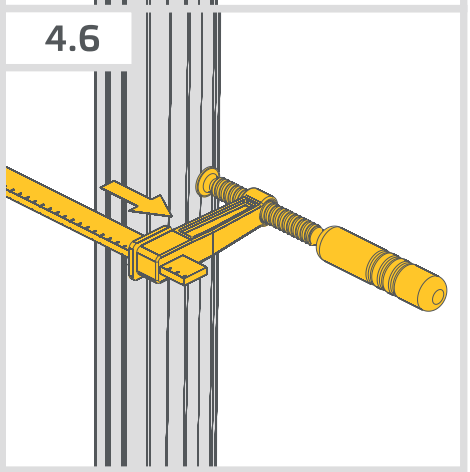
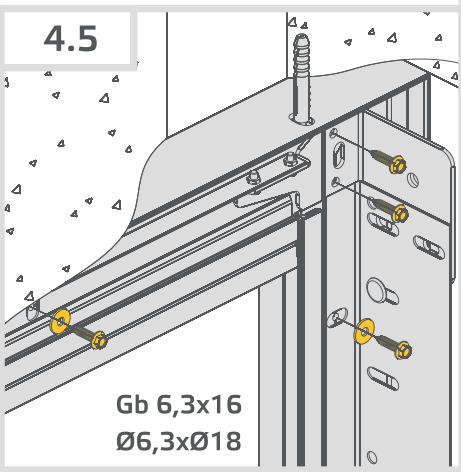
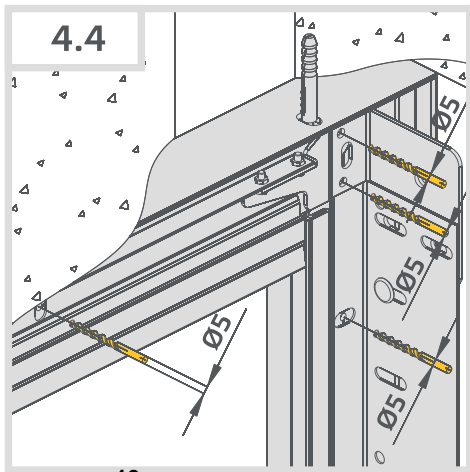
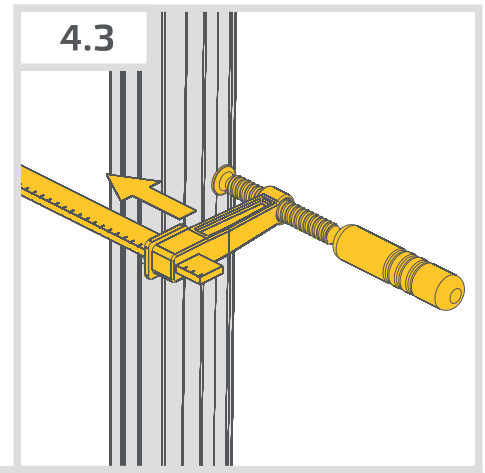
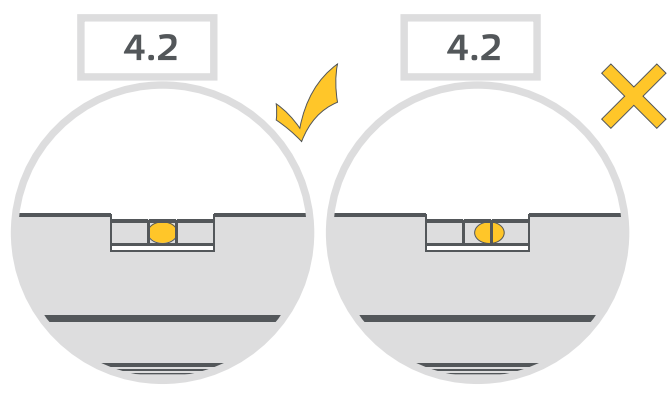
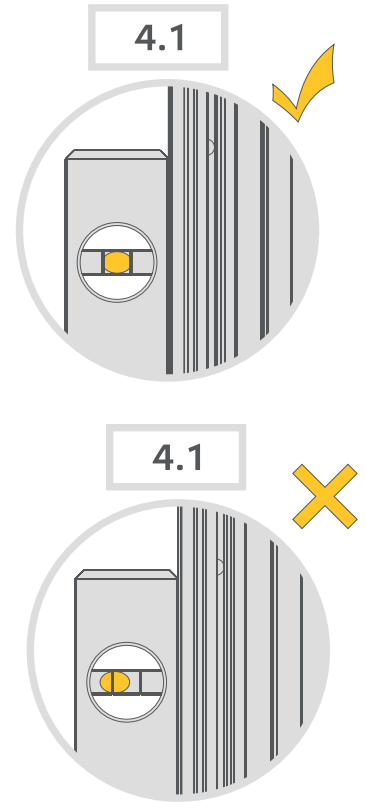
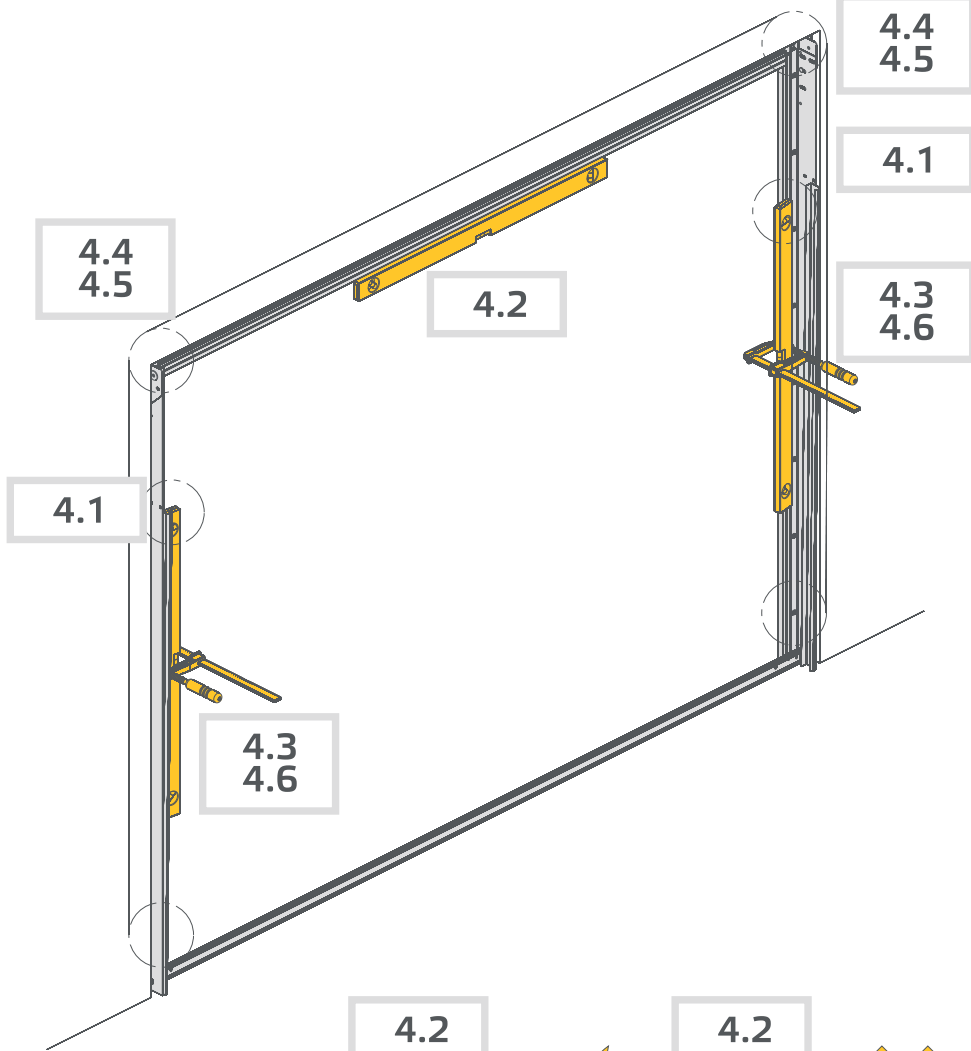
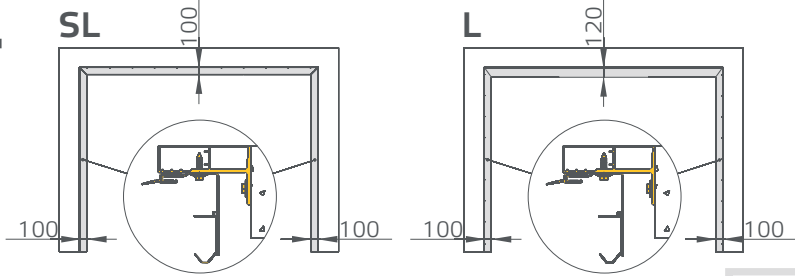


3*





4*



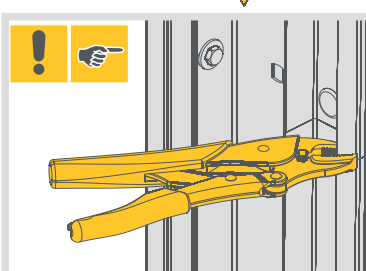
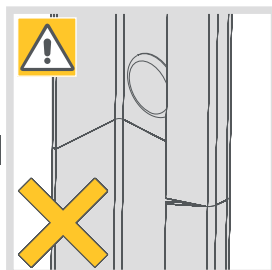
Gb 6,3x16
Ø6,3xØ18

5

5.1
5.2

5.1
5.2

31209



5.1 L L12

40

M8

M8x16

M8

M8x16

5.1*L L15

60

M8

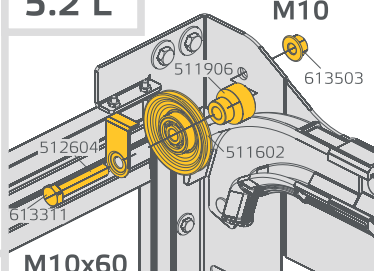
M8x16

M8

M8x16

5.2 L

M10



M10x60

5.1 SL

M8

31210

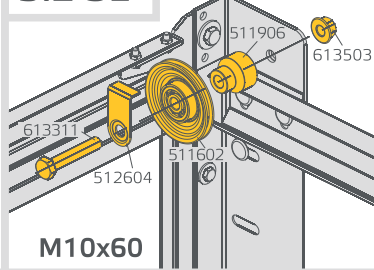
M8x16

M8

M8x16

5.2 SL

M10



M10x60

L



31209

0mm



~25mm

SL



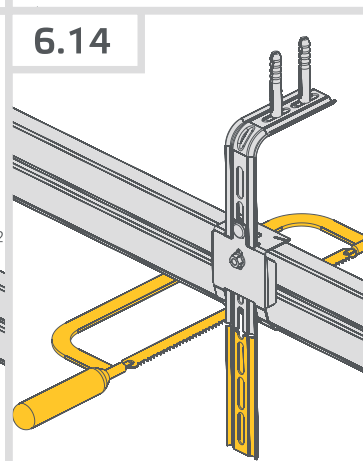
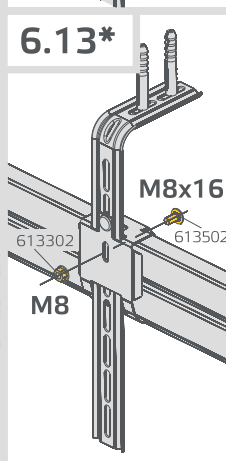
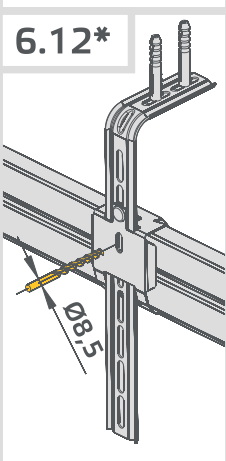
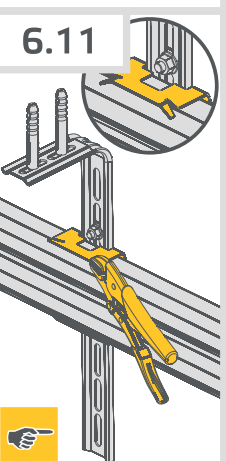
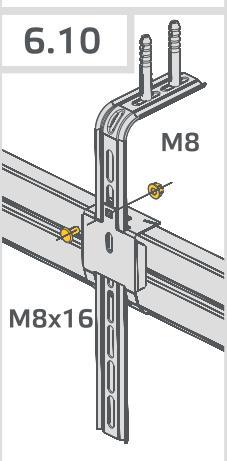
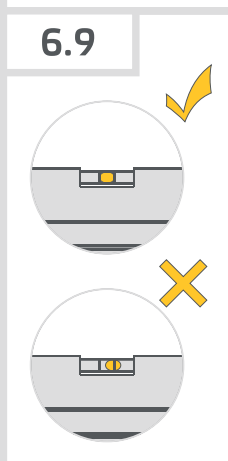
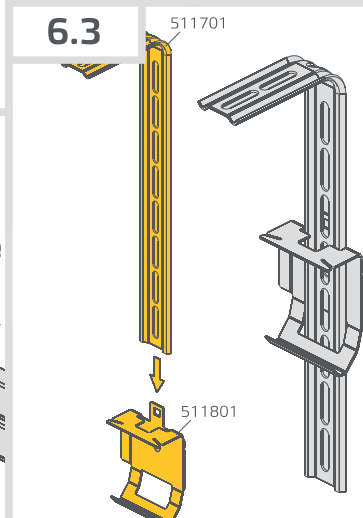
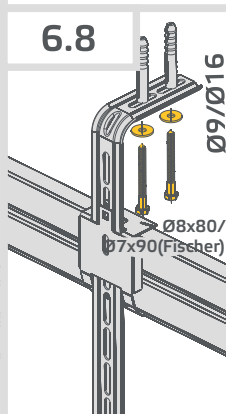
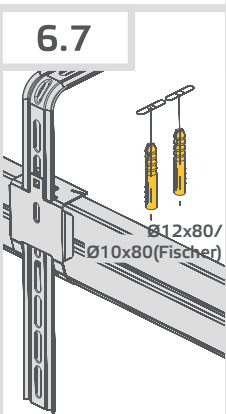
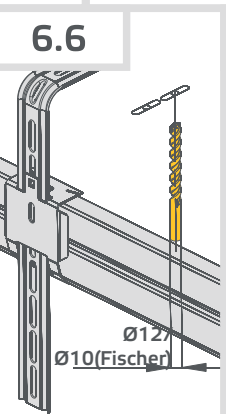
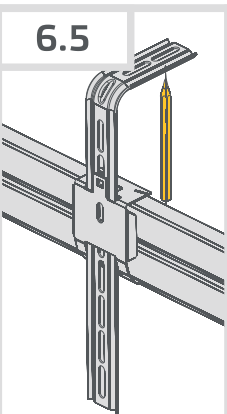
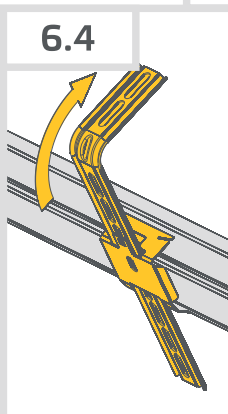
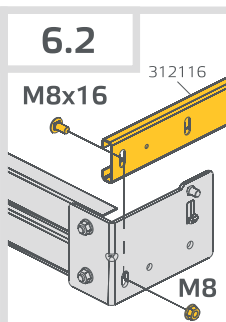
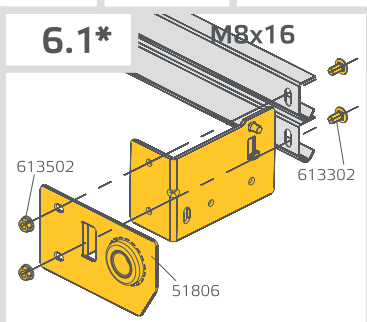
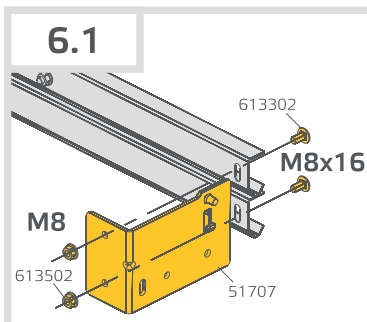
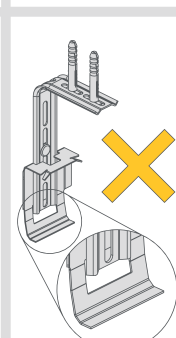
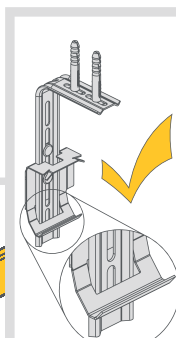
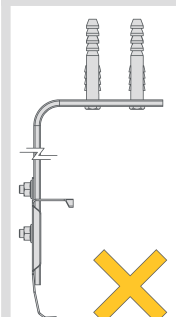
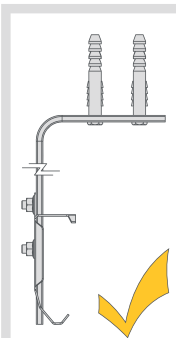
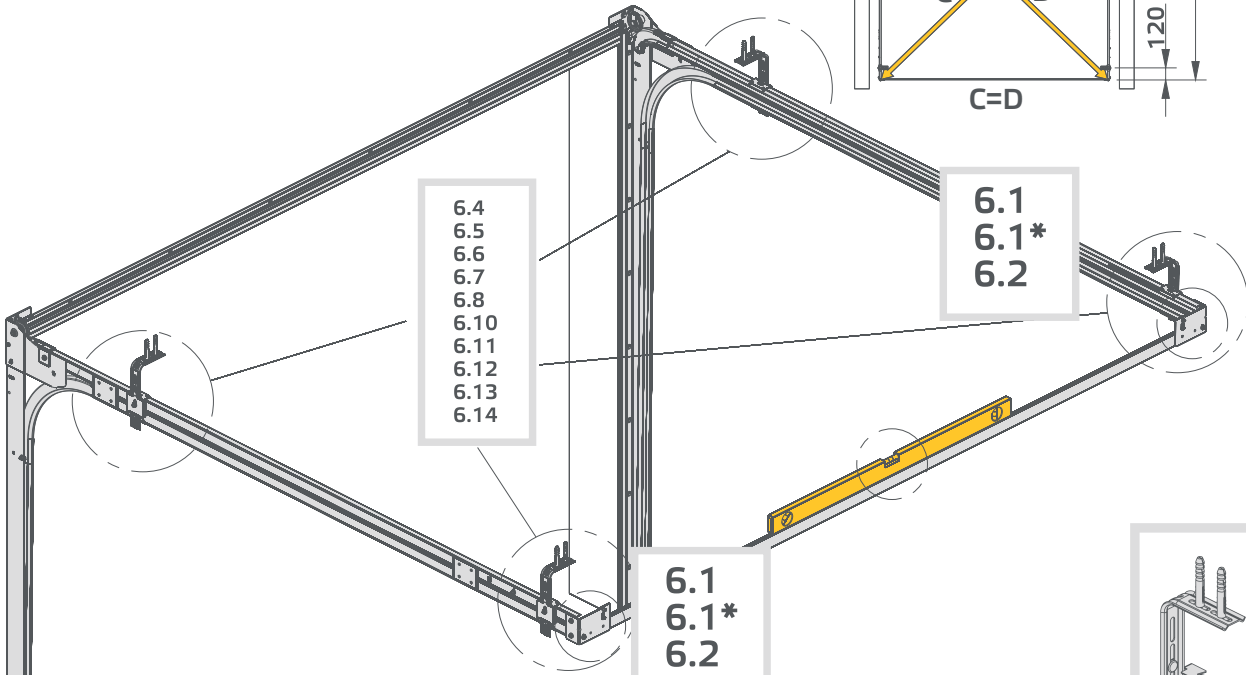
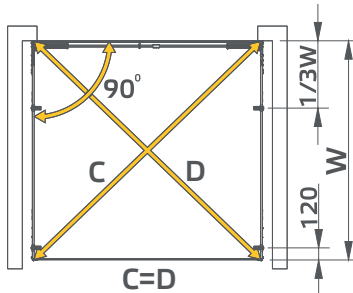
31210

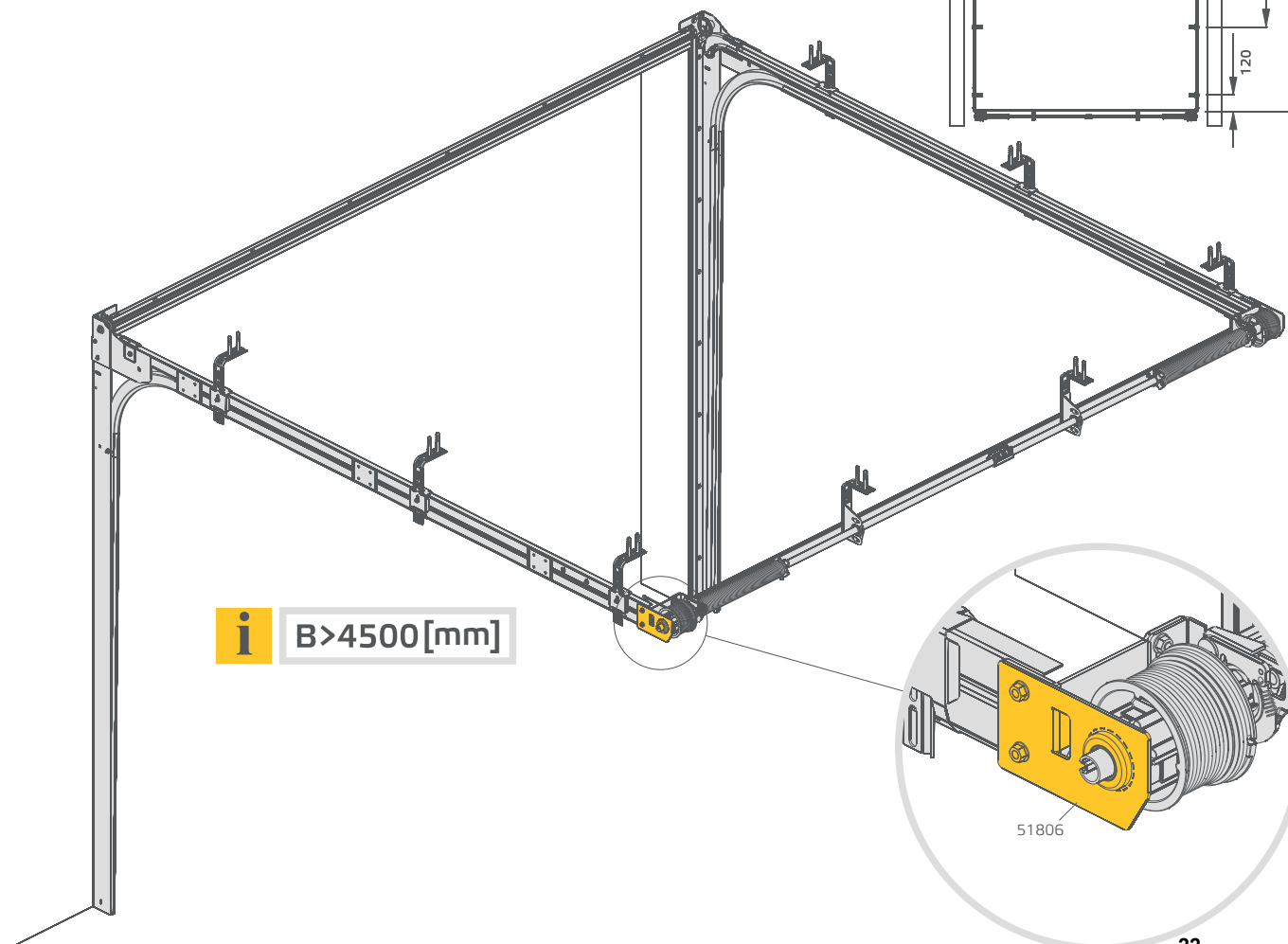
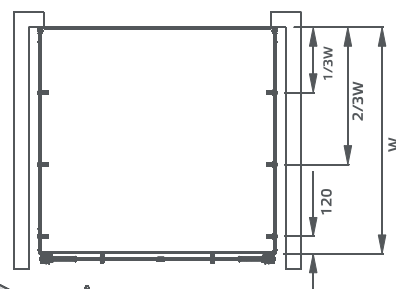
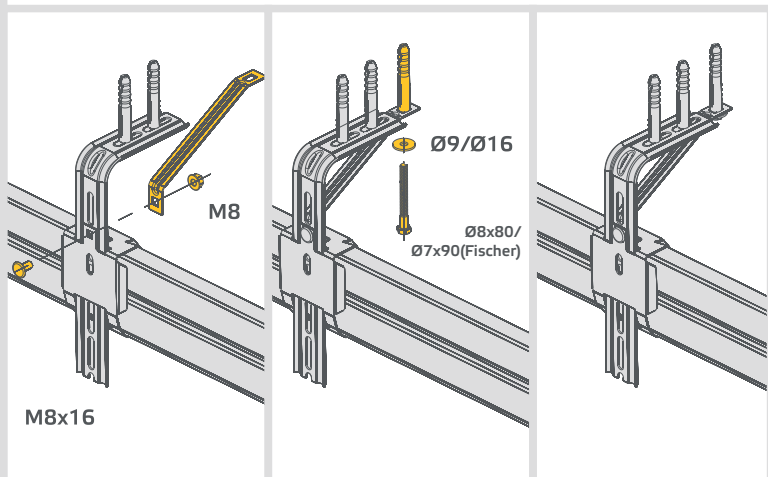
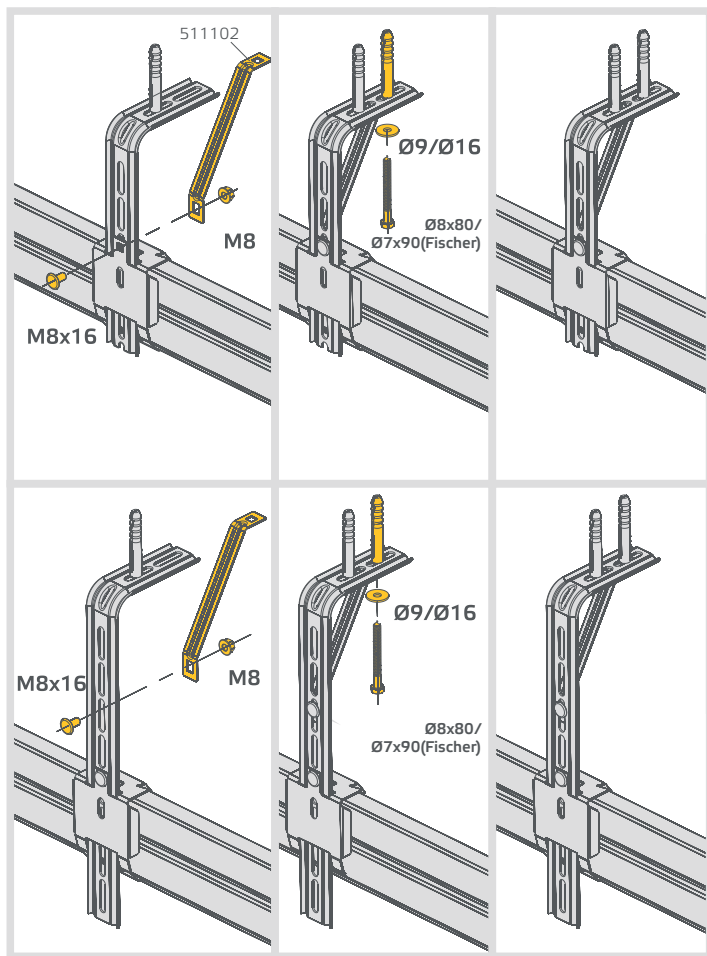
0mm



~25mm

6



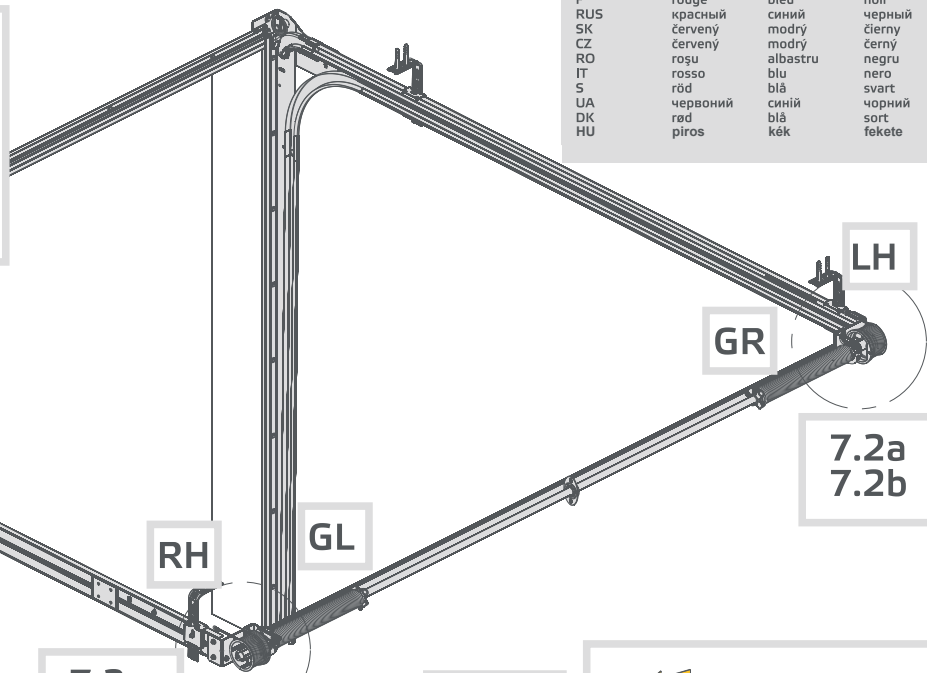


7

7.1



PL	GR	GL	RH	LH
GB	czerwony	niebieski	czarny	czerwony
D	red	blue	black	red
F	rot	bleu	schwarz	rot
RUS	rouge	синий	noir	rouge
SK	красный	modry	čierny	красный
CZ	červený	albastru	čierny	červený
RO	roșu	blu	negru	roșu
IT	rosso	blå	nero	rosso
S	röd	blå	svar	röd
UA	червоний	синій	чорний	червоний
DK	rød	blå	sort	rød
HU	piros	kék	fekete	piros



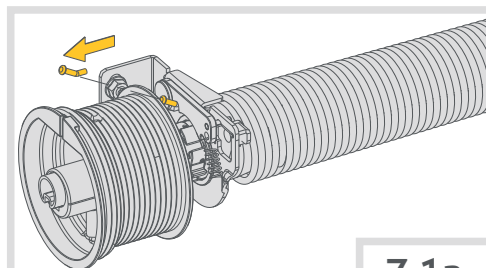
7.2a
7.2b

7.1b*

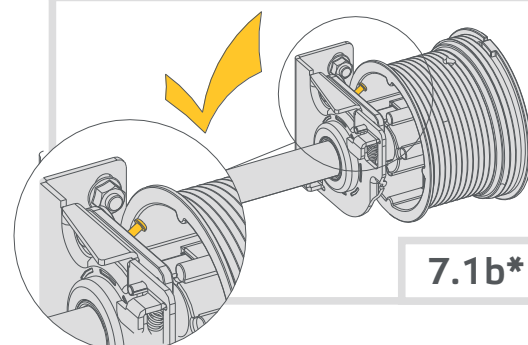
7.1a

7.2a

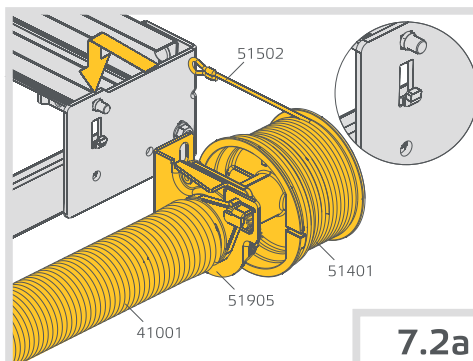
7.2b



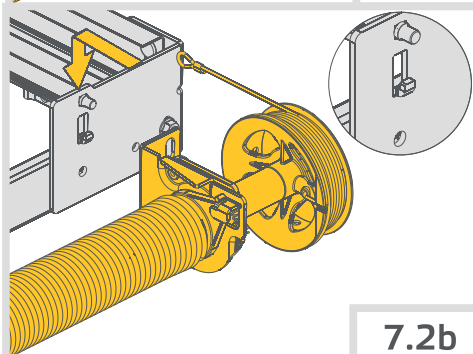
7.1a



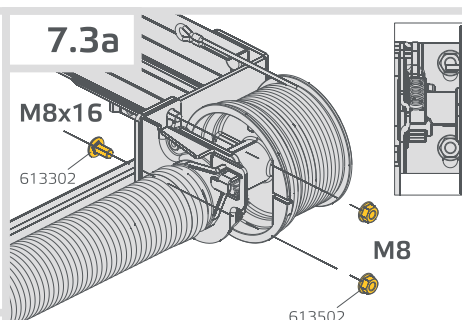
7.1b*



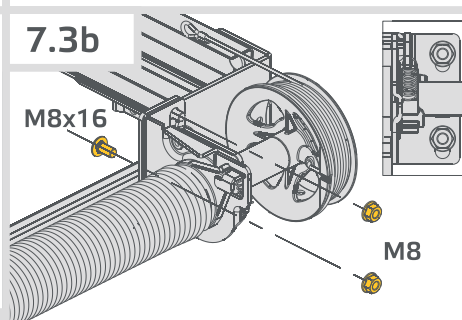
7.2a



7.2b

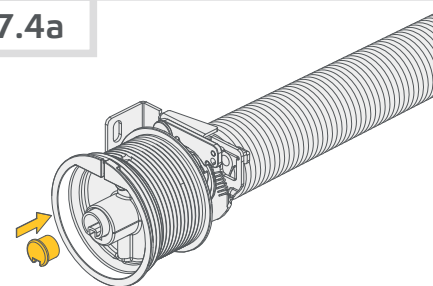


7.3a

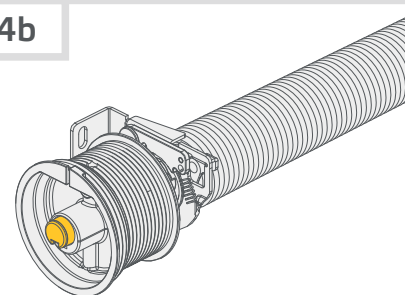


7.3b

7.4a

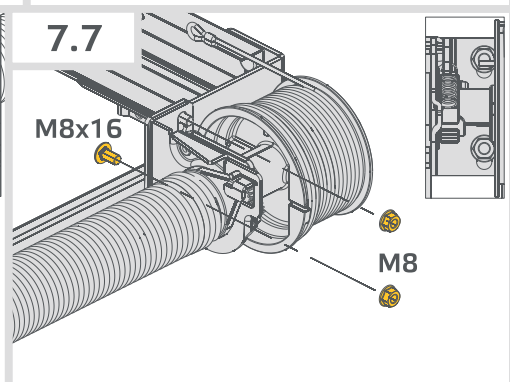
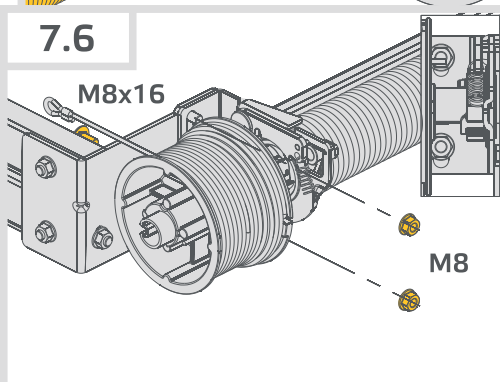
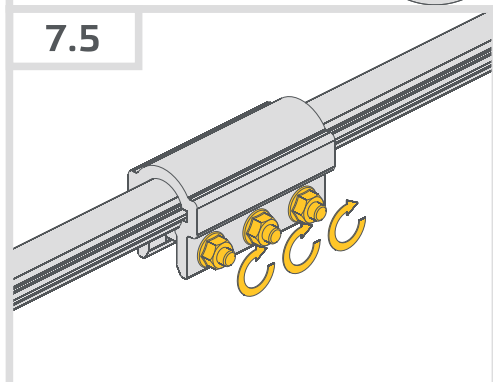
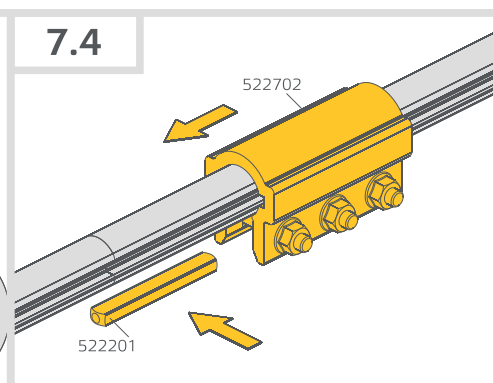
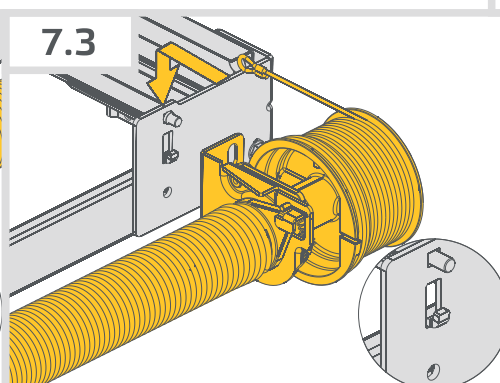
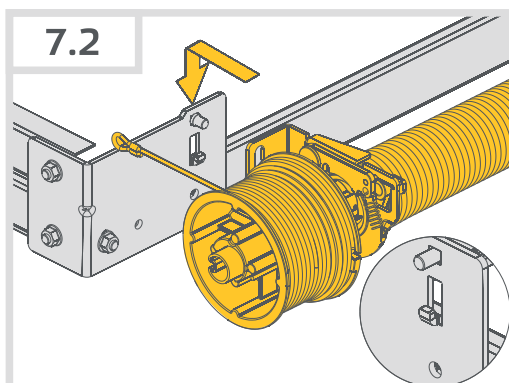
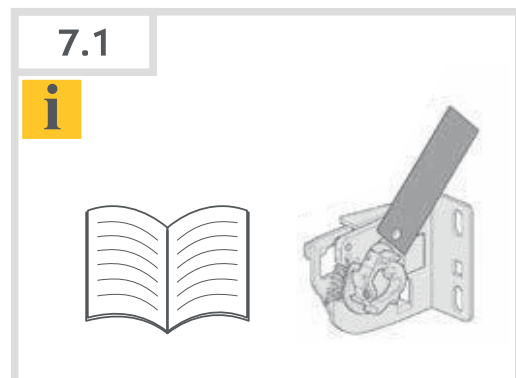
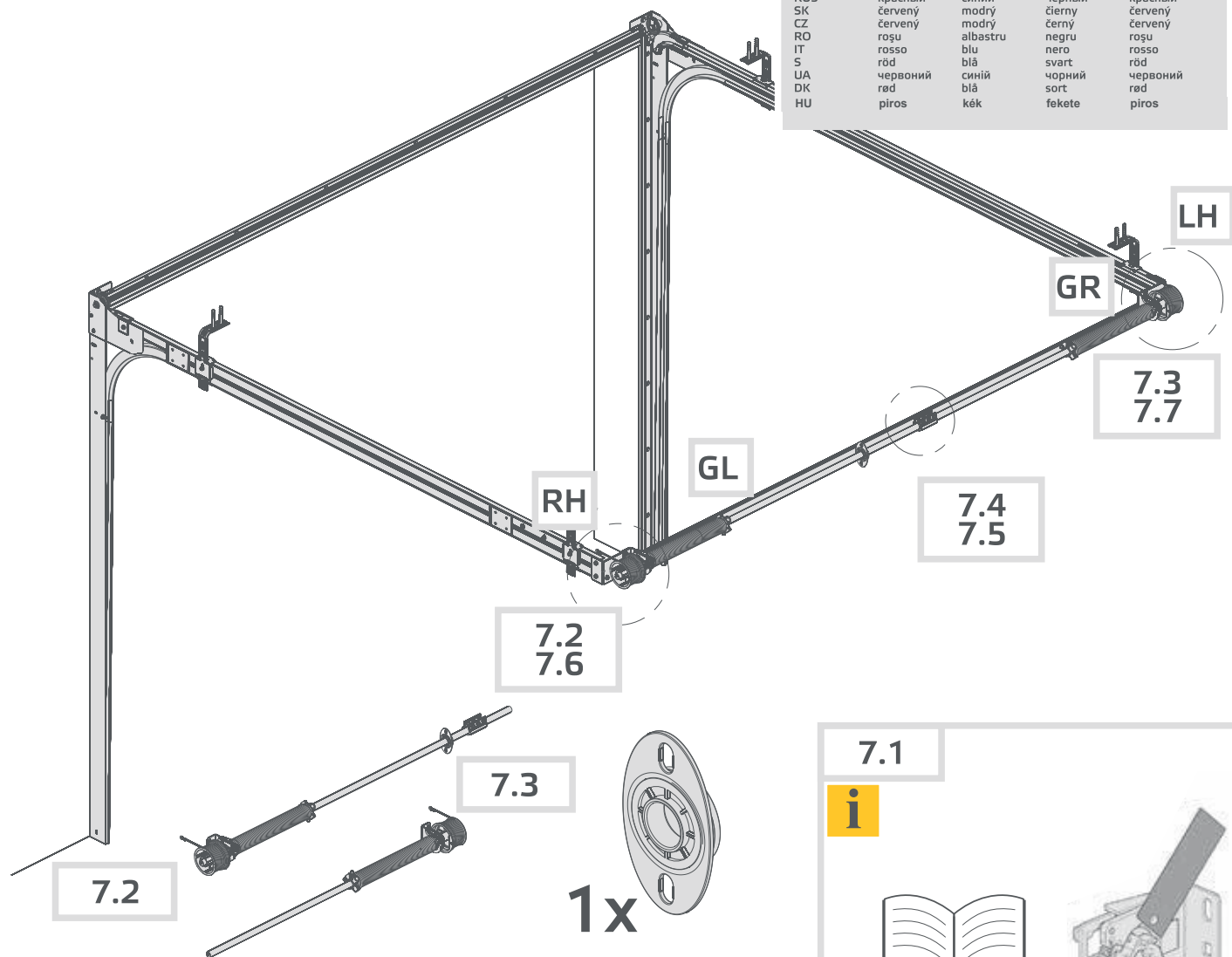


7.4b



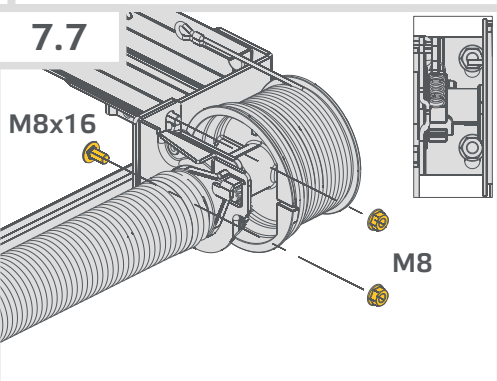
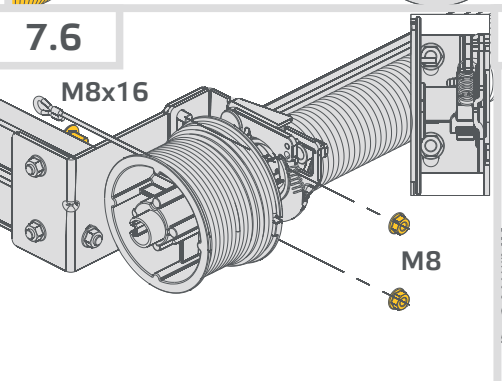
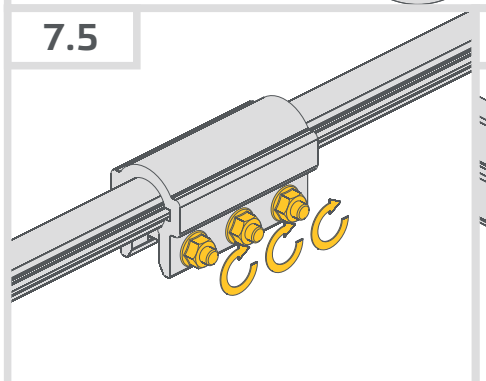
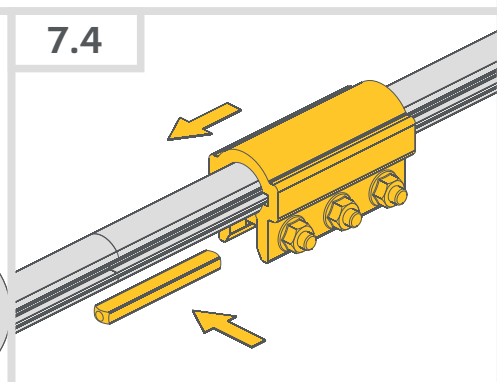
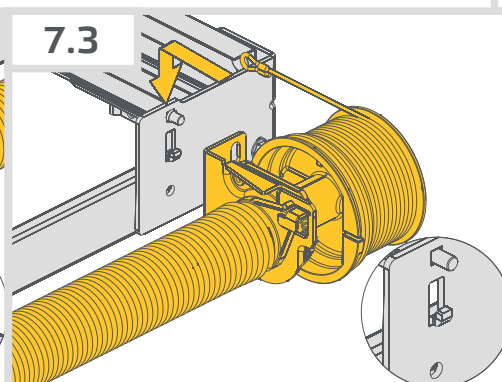
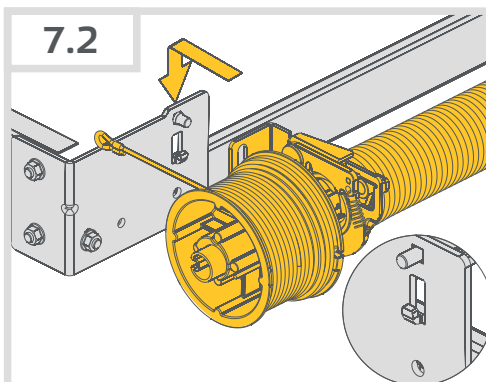
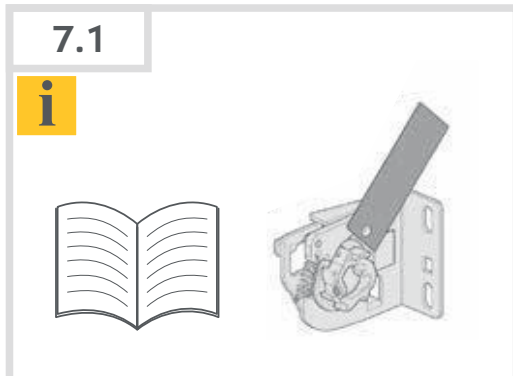
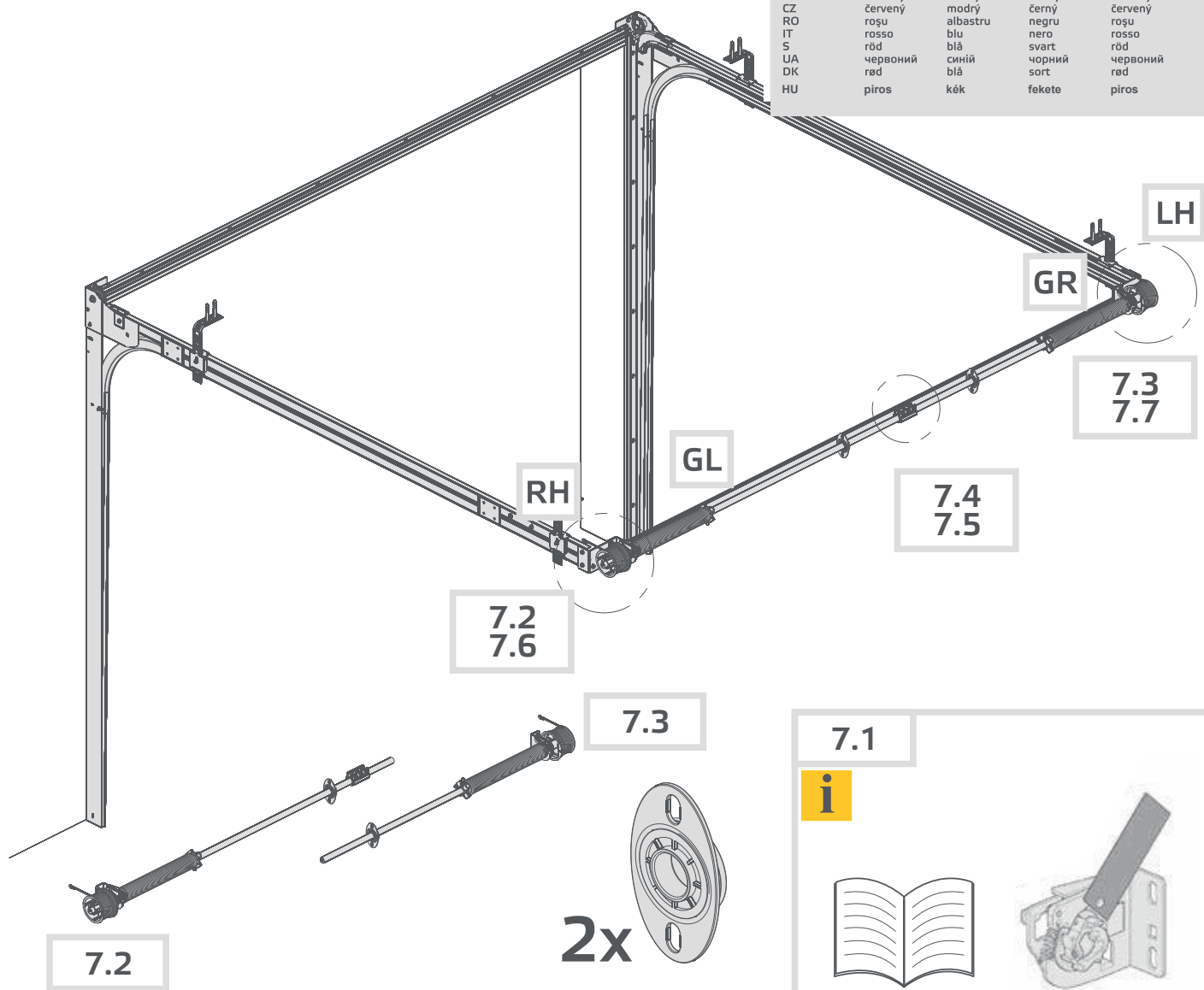
7A

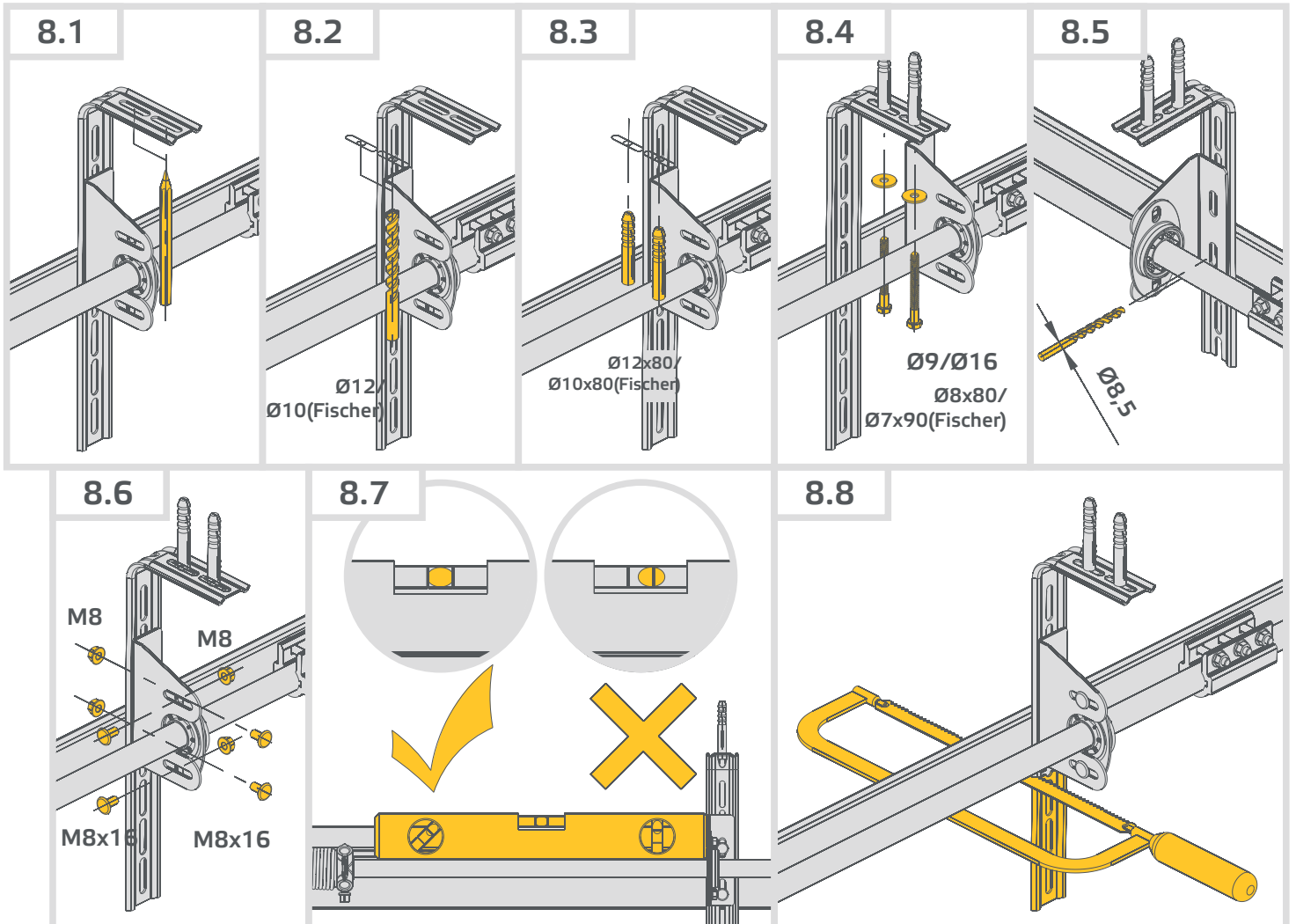
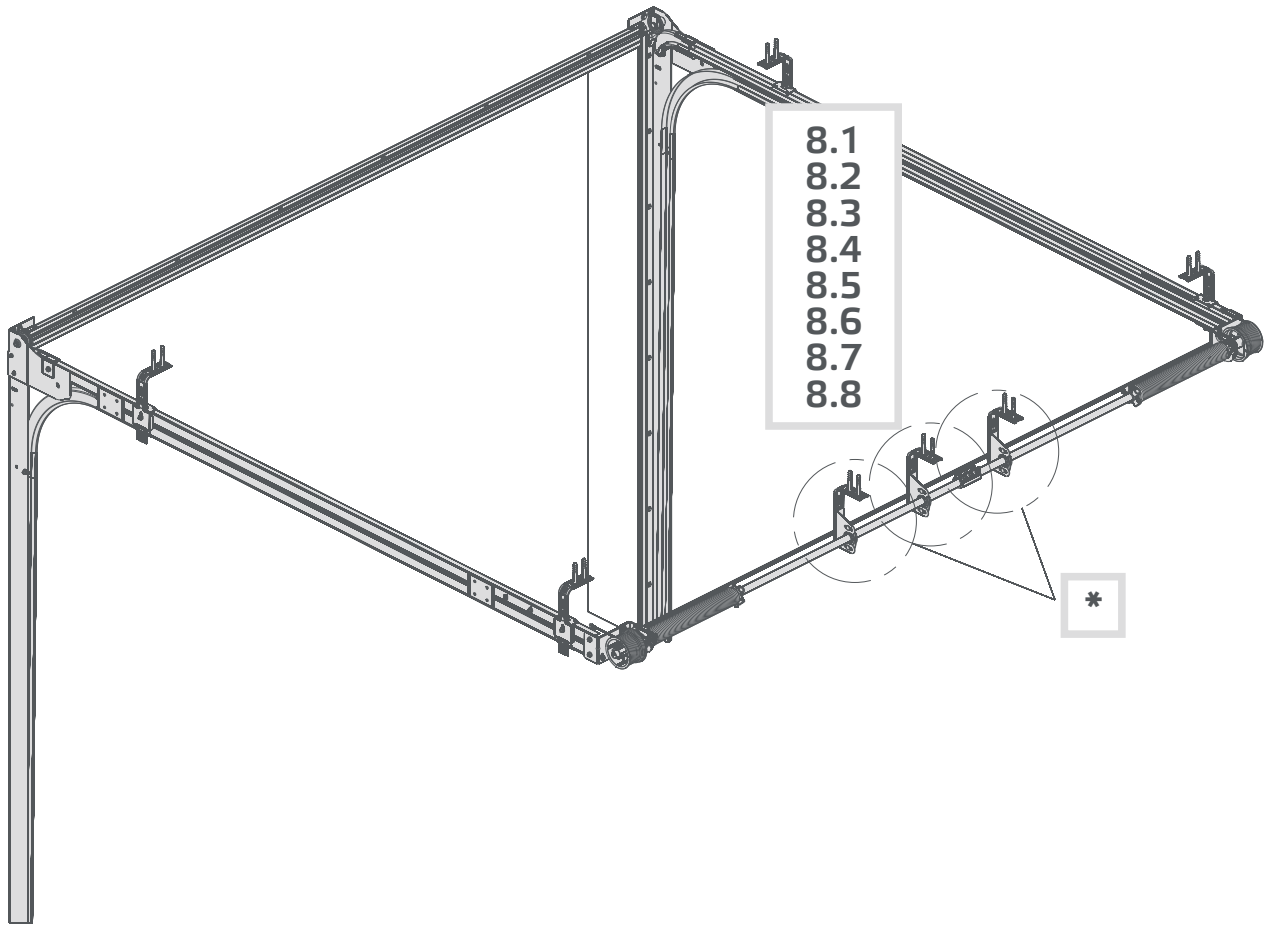
PL	GR	GL	RH	LH
GB	czerwony	niebieski	czarny	czerwony
D	red	blau	black	red
F	rot	bleu	schwarz	rot
RUS	красный	синий	черный	красный
SK	červený	modrý	černý	červený
CZ	červený	modrý	černý	červený
RO	roșu	albastru	negru	roșu
IT	rosso	blu	nero	rosso
S	röd	blå	svart	röd
UA	червоний	синій	чорний	червоний
DK	rød	blå	sort	rød
HU	piros	kék	fekete	piros



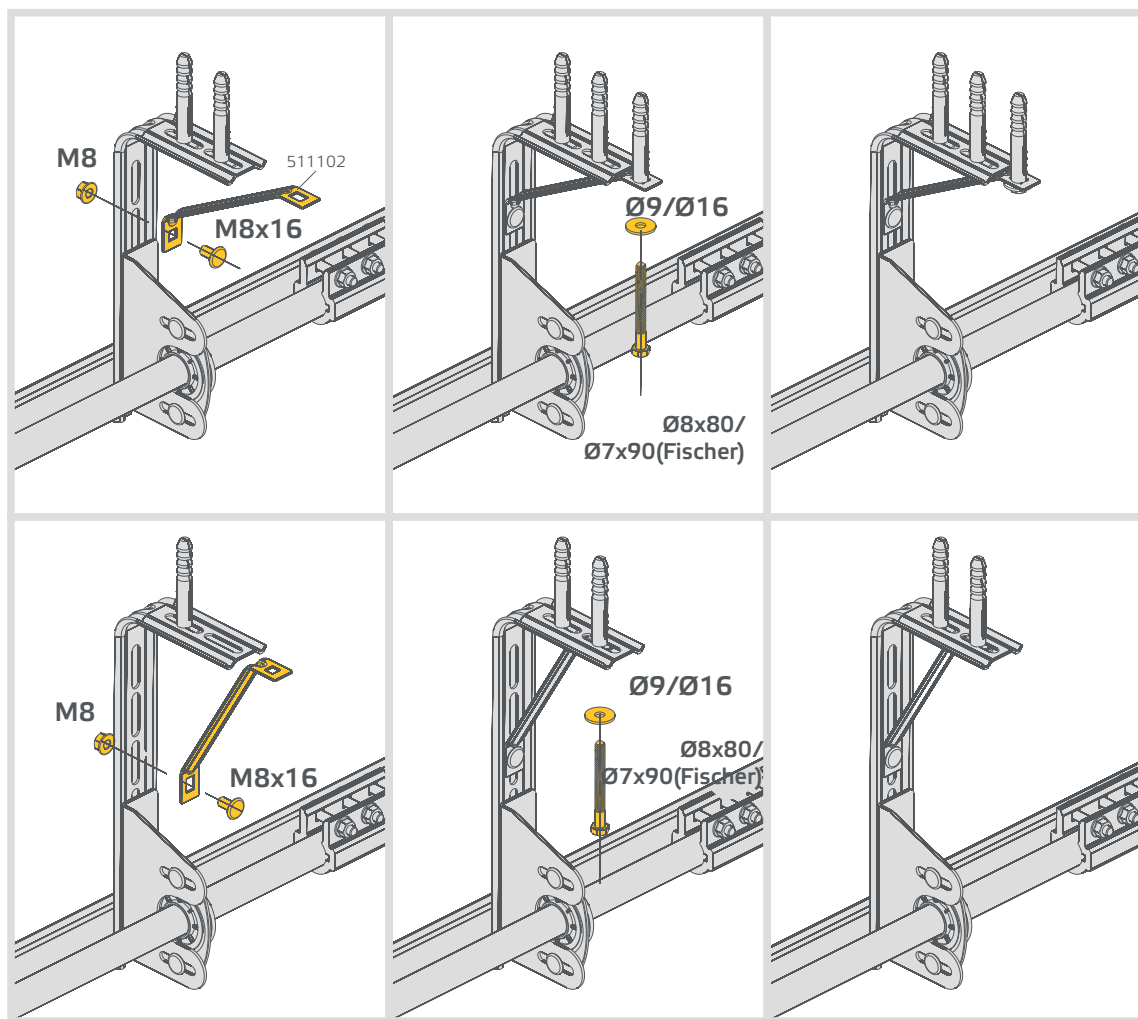
7B

PL	GR	GL	RH	LH
GB	czerwony	niebieski	czarny	czerwony
D	red	blue	black	red
F	rot	bleu	schwarz	rot
RUS	rouge	bleu	noir	rouge
SK	красный	синий	черный	красный
CZ	červený	modrý	černý	červený
RO	roșu	albastru	negru	roșu
IT	rosso	blu	nero	rosso
S	röd	blå	svart	röd
UA	червоний	синій	чорний	червоний
DK	rød	blå	sort	rød
HU	piros	kék	fekete	piros

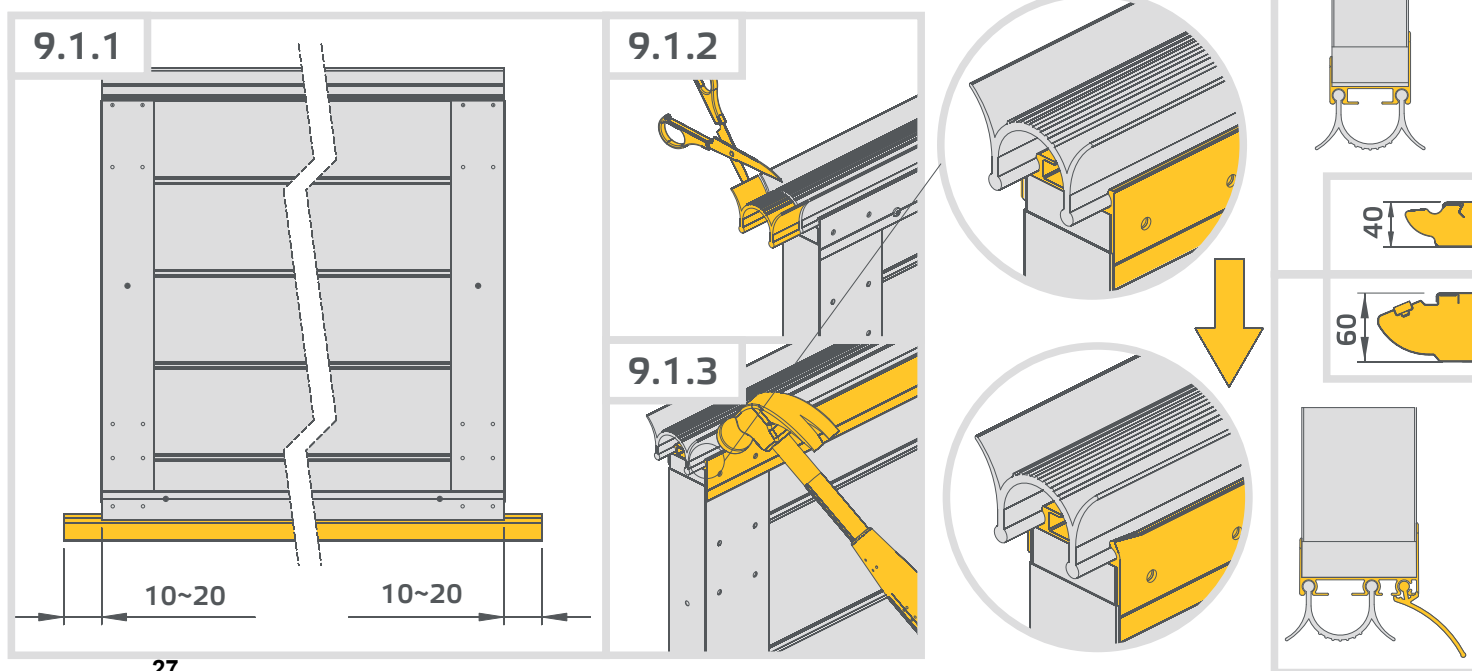




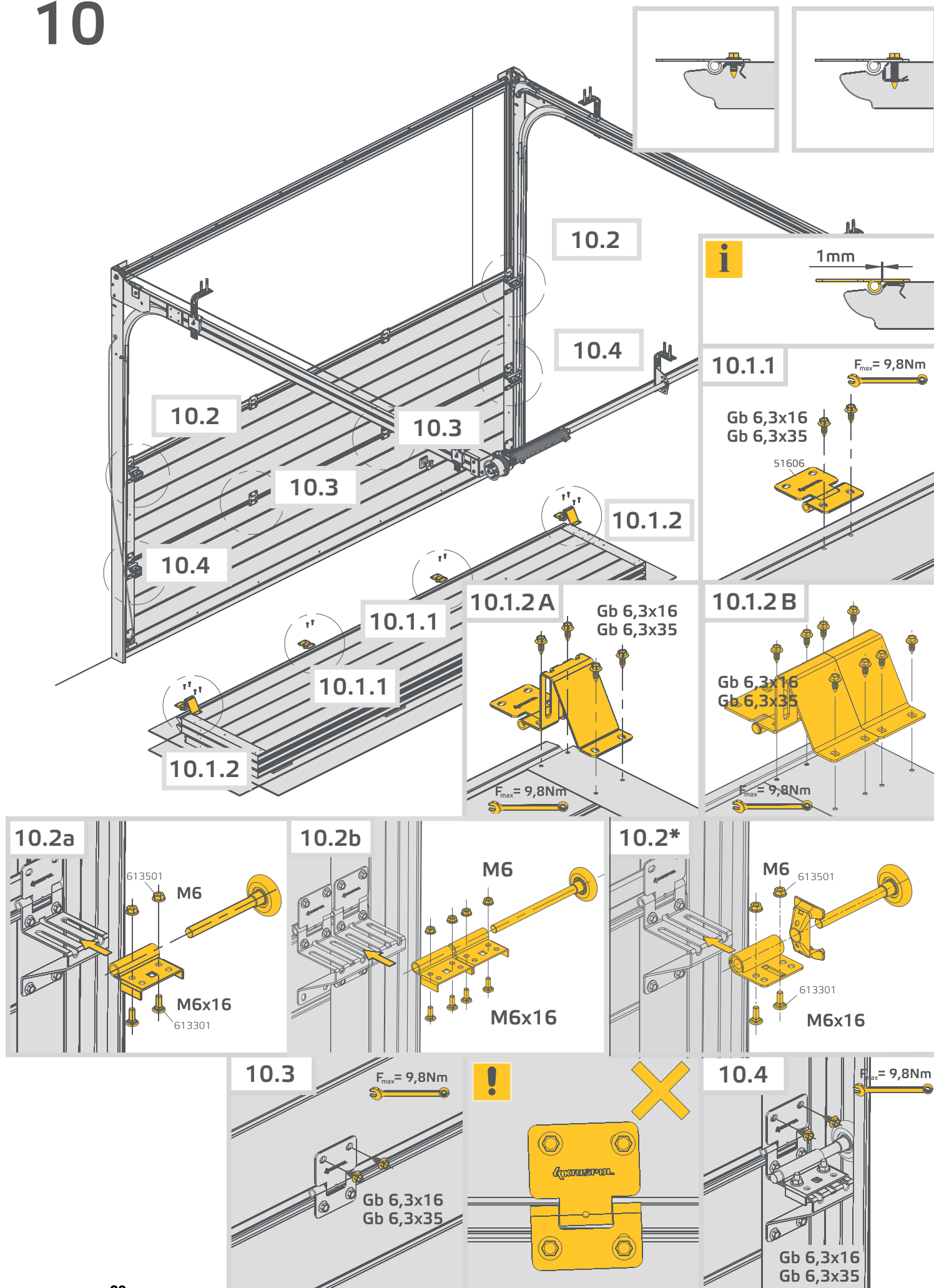
8*



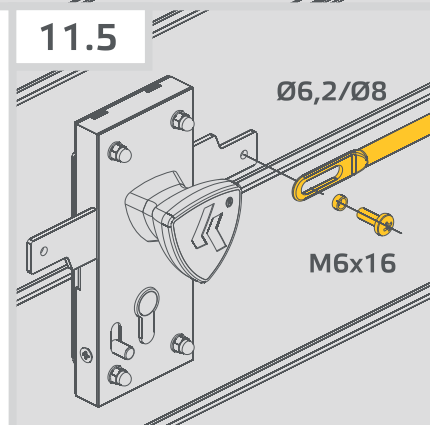
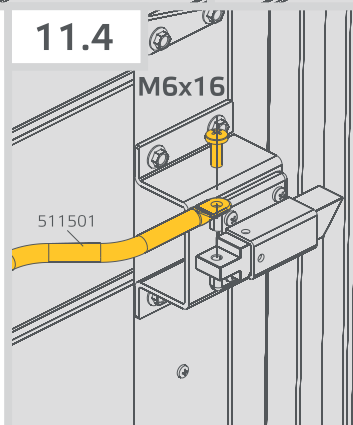
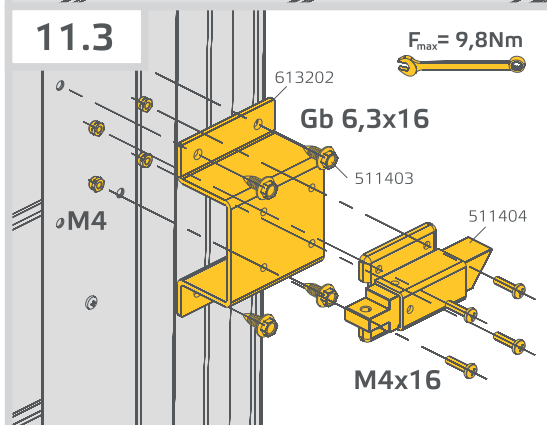
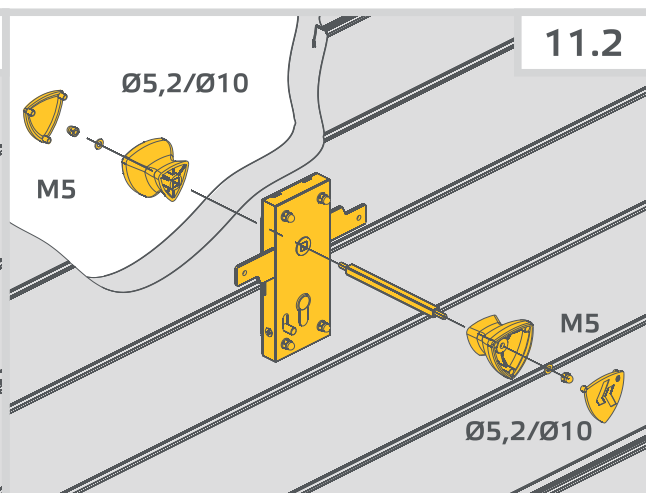
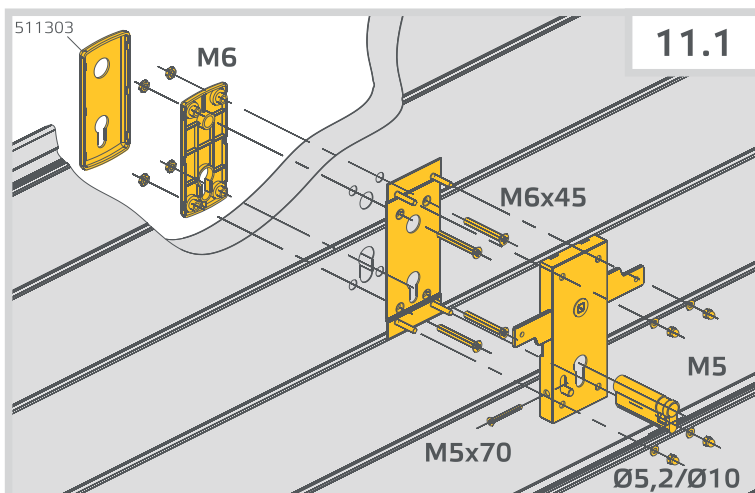
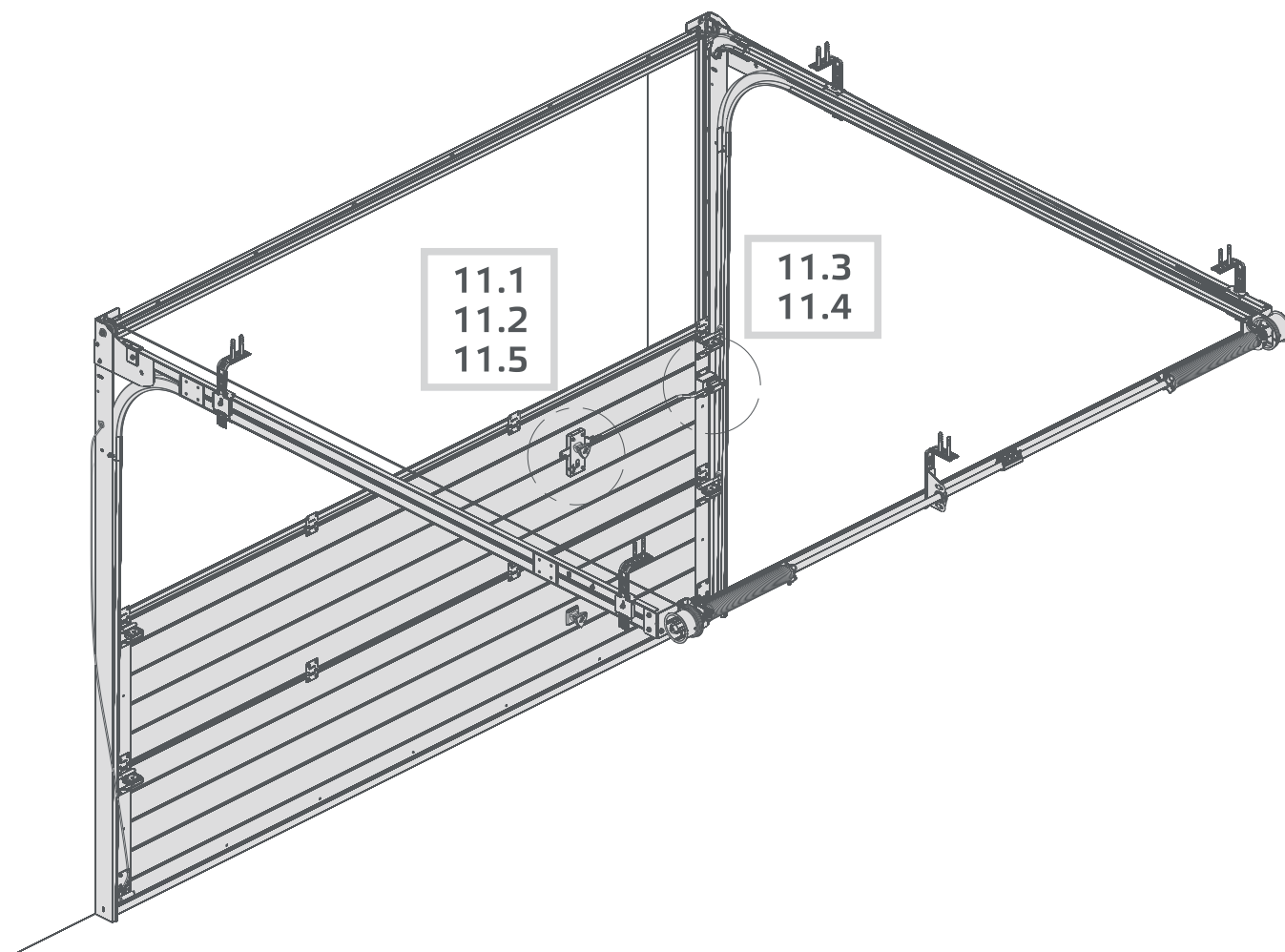
9*



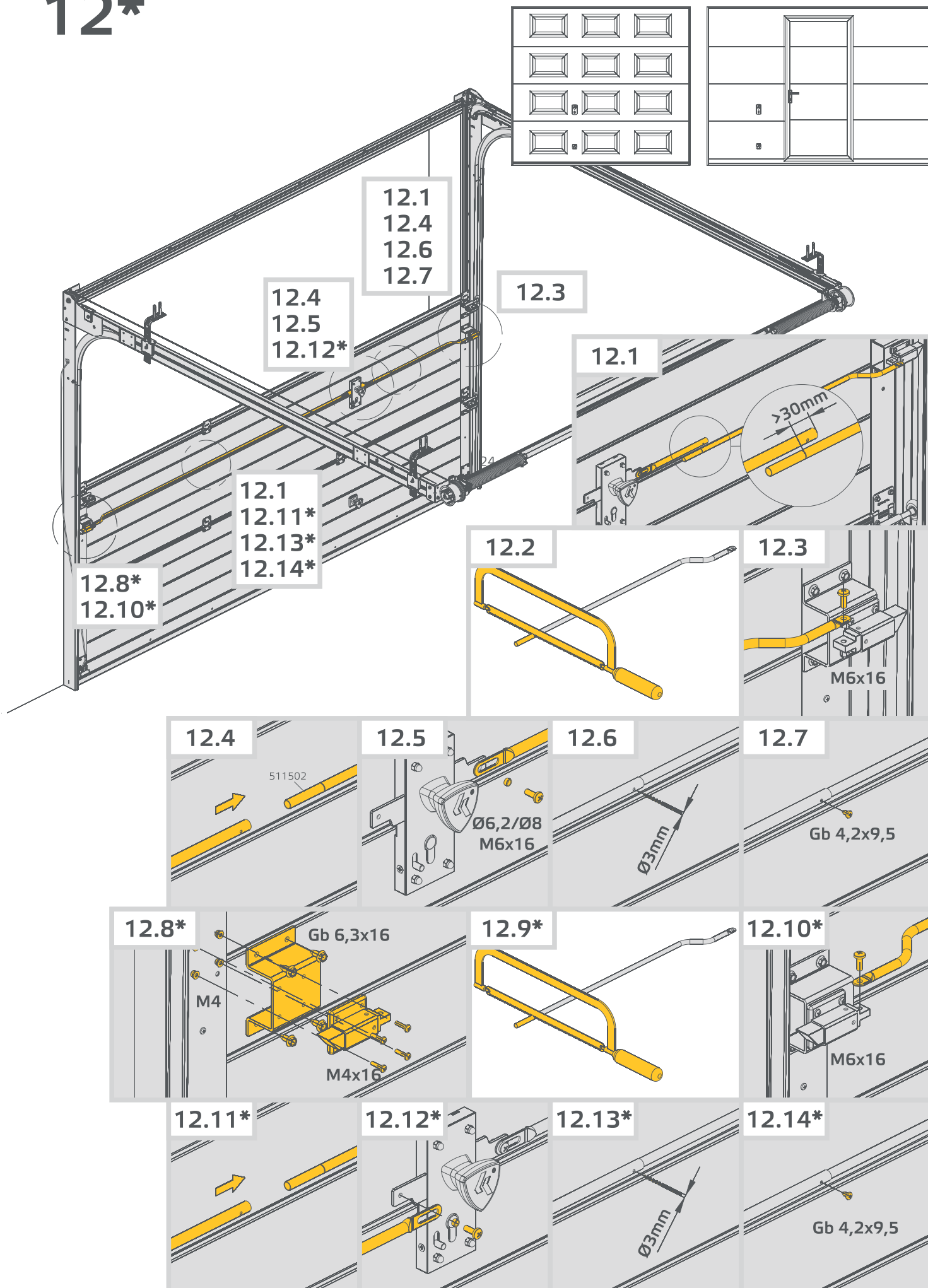
[illegible]



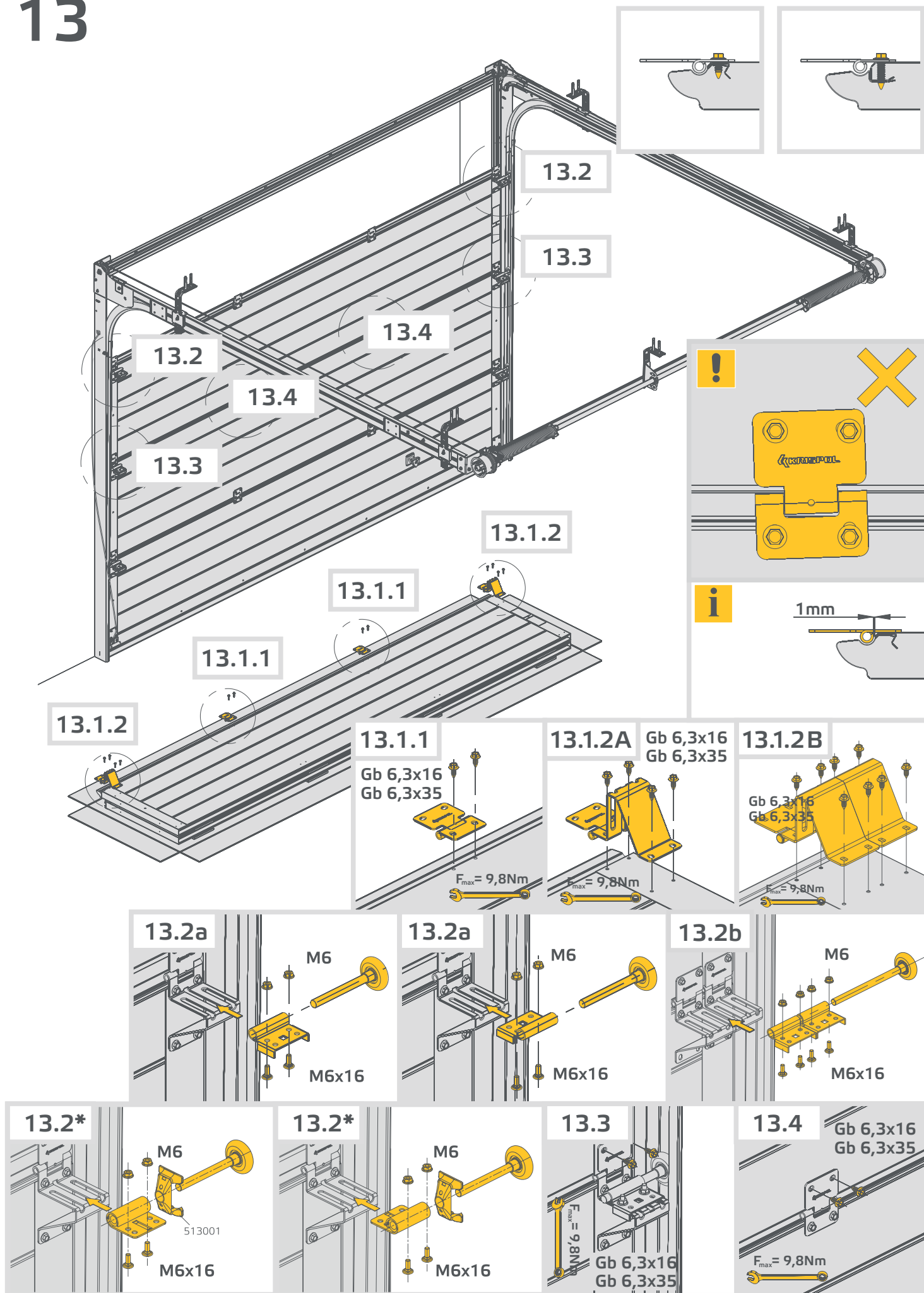
11*



12*



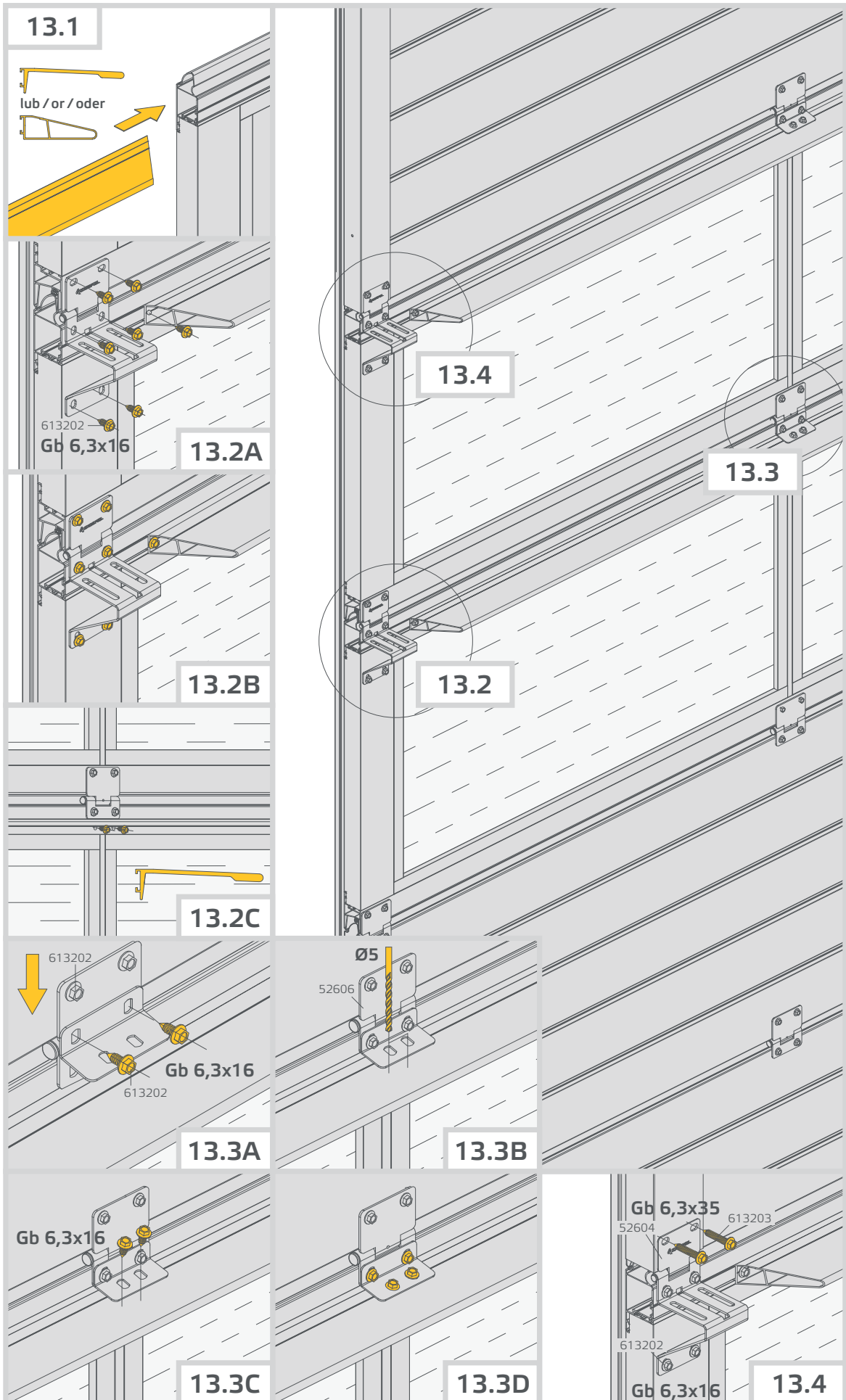
13



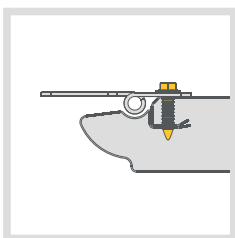
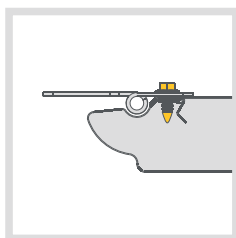
13*



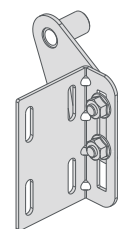
$F_{max} = 9,8Nm$



14



14.1L



L 15



14.1

14.2

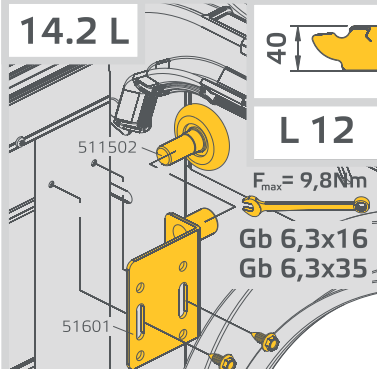
14.3

14.3

14.1

14.2

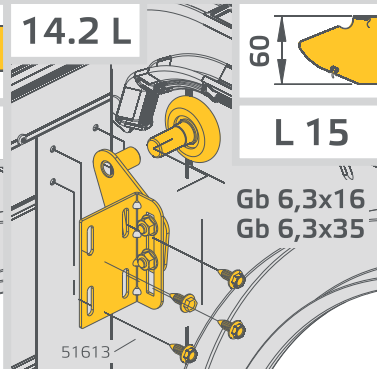
14.2 L



L 12

$F_{max} = 9,8Nm$
Gb 6,3x16
Gb 6,3x35

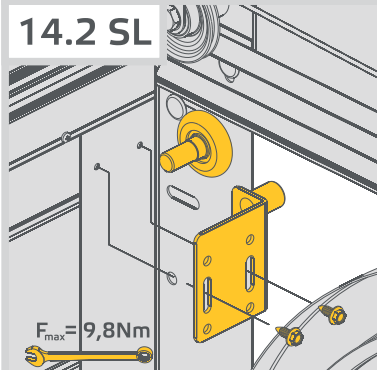
14.2 L



L 15

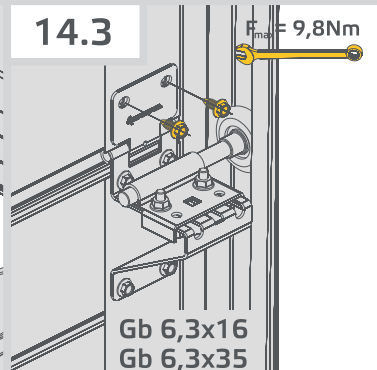
Gb 6,3x16
Gb 6,3x35

14.2 SL



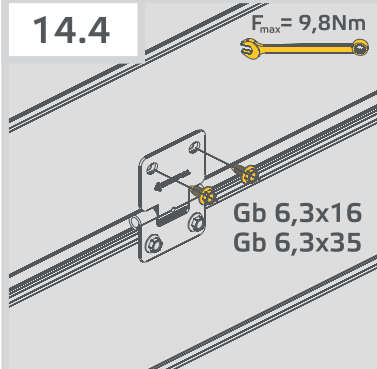
$F_{max} = 9,8Nm$

14.3

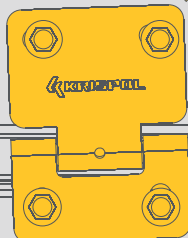


$F_{max} = 9,8Nm$
Gb 6,3x16
Gb 6,3x35

14.4

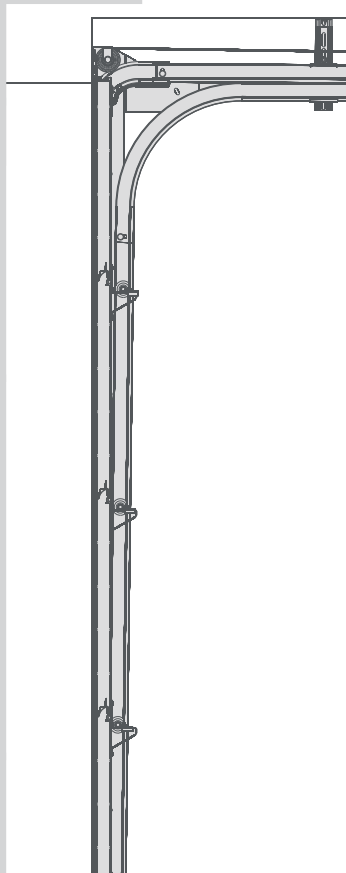


$F_{max} = 9,8Nm$
Gb 6,3x16
Gb 6,3x35

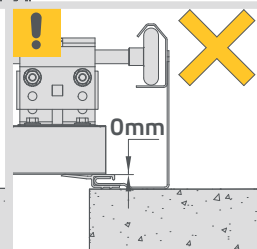
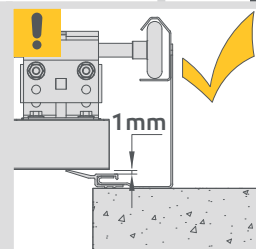
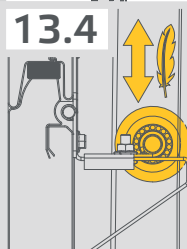


L

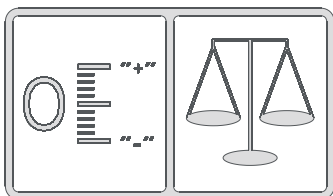
SL



13.4



15



15.8
15.9

KRISPOL

Brama garażowa segmentowa k2 RFS
Slick Design

Numer seryjny 261917/1/1

Data produkcji 2030-12-31

Wymiar zamówieniowy bramy 3000 x 2500 mm

Wysokość nadproża 750 mm

System prowadzenia L

Wysokość przewyższenia mm

Kąt nachylenia dachu $a=0^\circ$

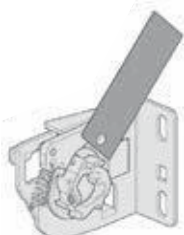
Waga kurtyny 85.51 kg

Naciąg sprężyn ~7.7 n

15.8
15.9

15.1

i



15.1-15.4

15.5
15.6
15.7

15.2a

15.2b

2x

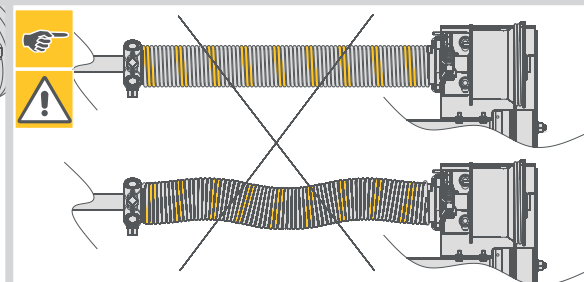
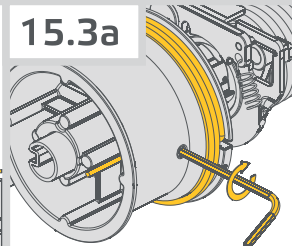
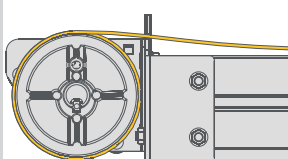
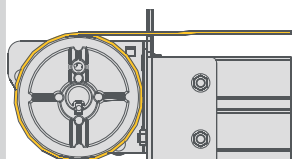
0,5x

~n

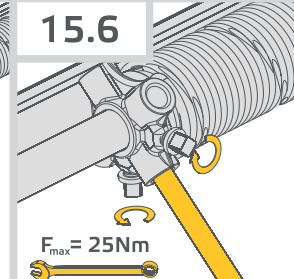
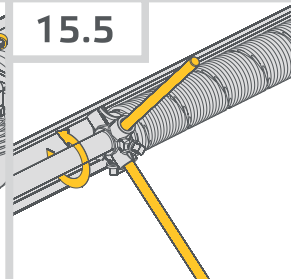
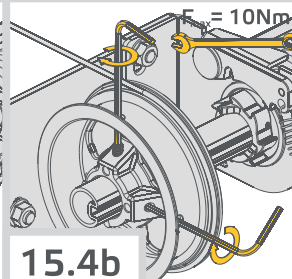
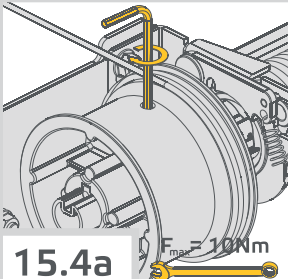
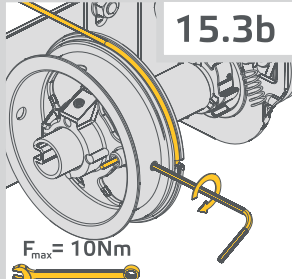
... 3 2 1 0



15.3a



15.3b



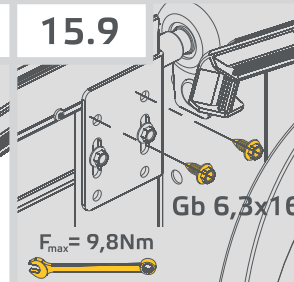
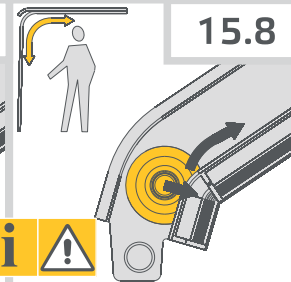
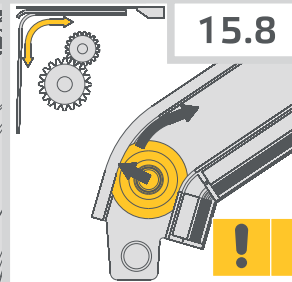
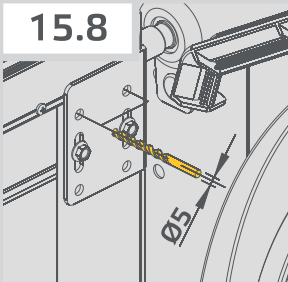
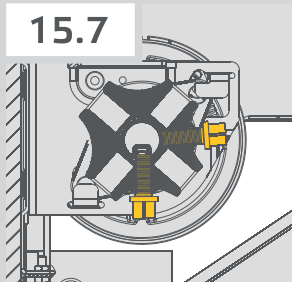
15.7

15.8

15.8

15.8

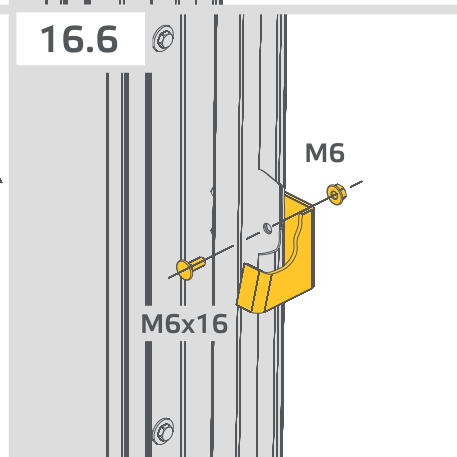
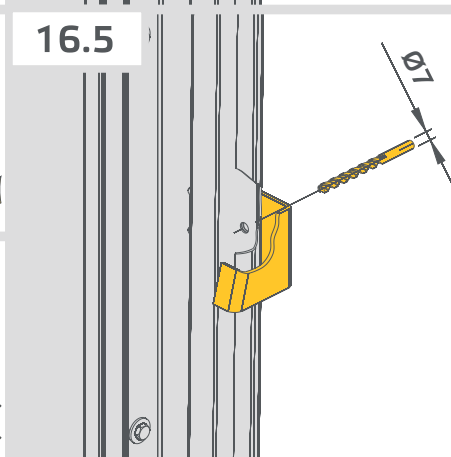
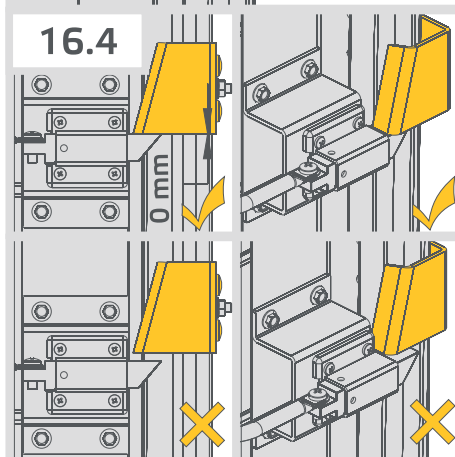
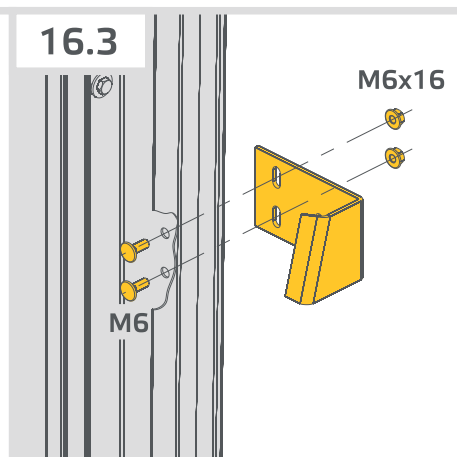
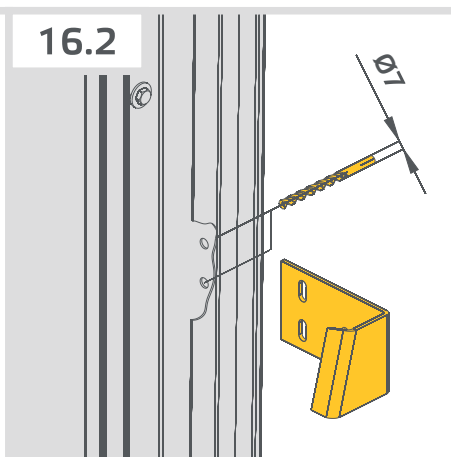
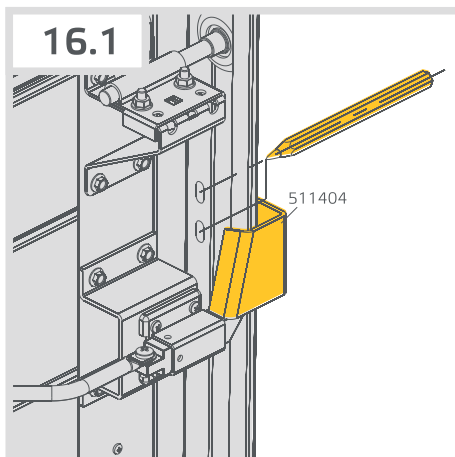
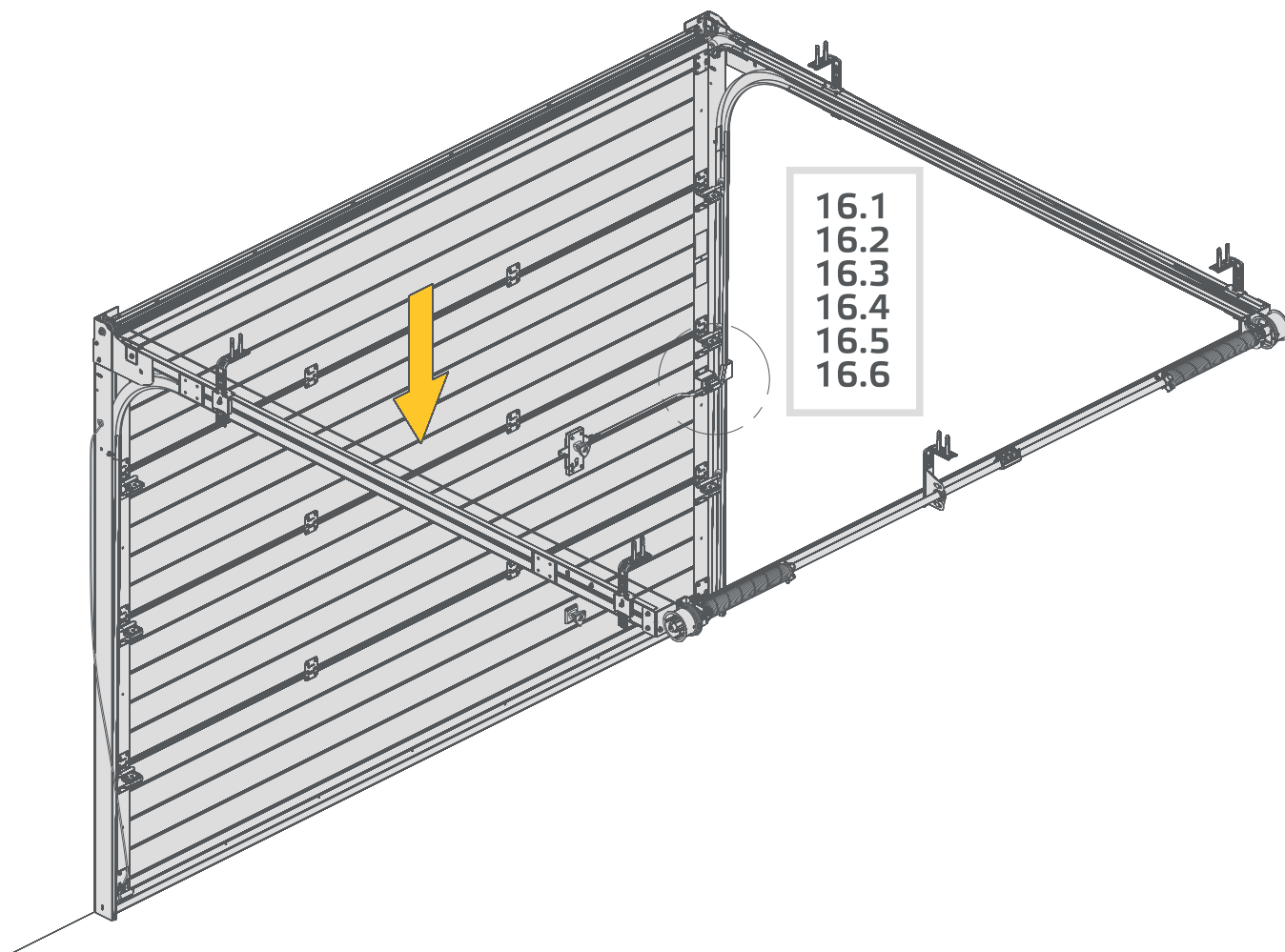
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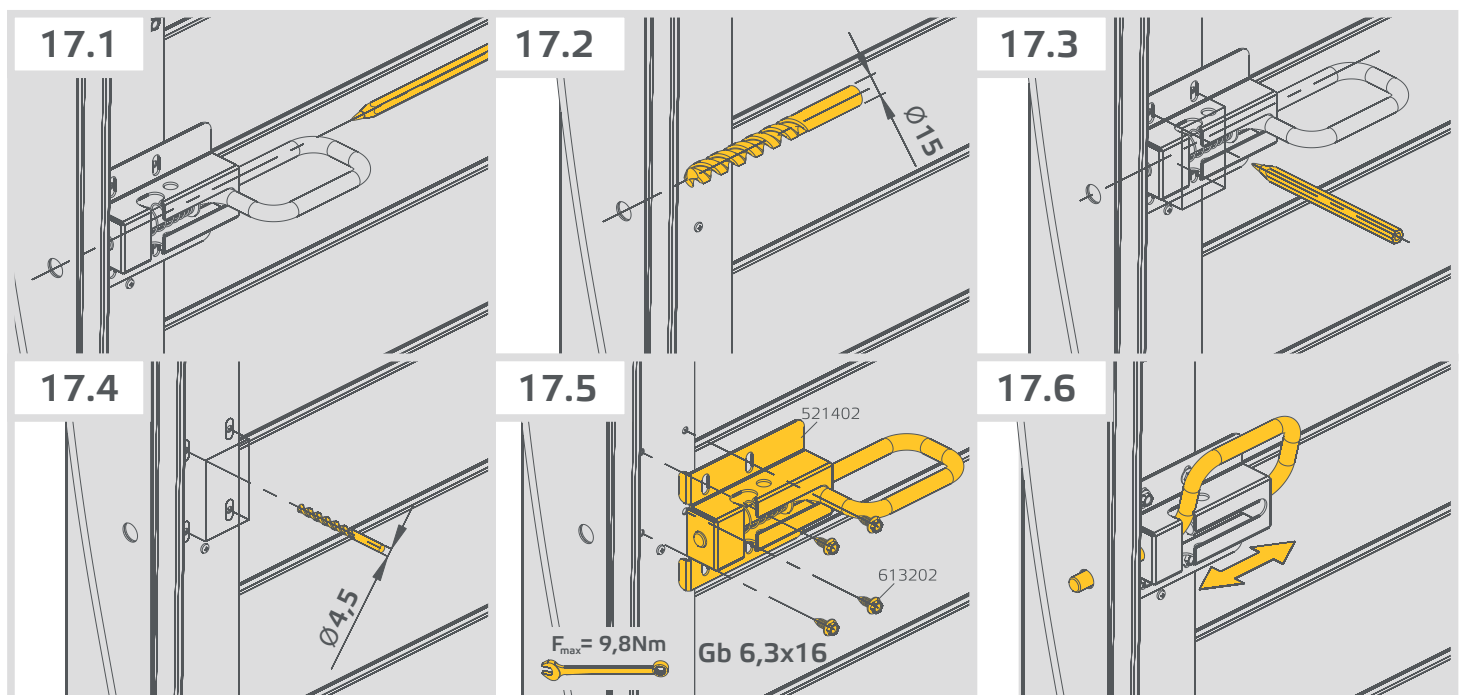
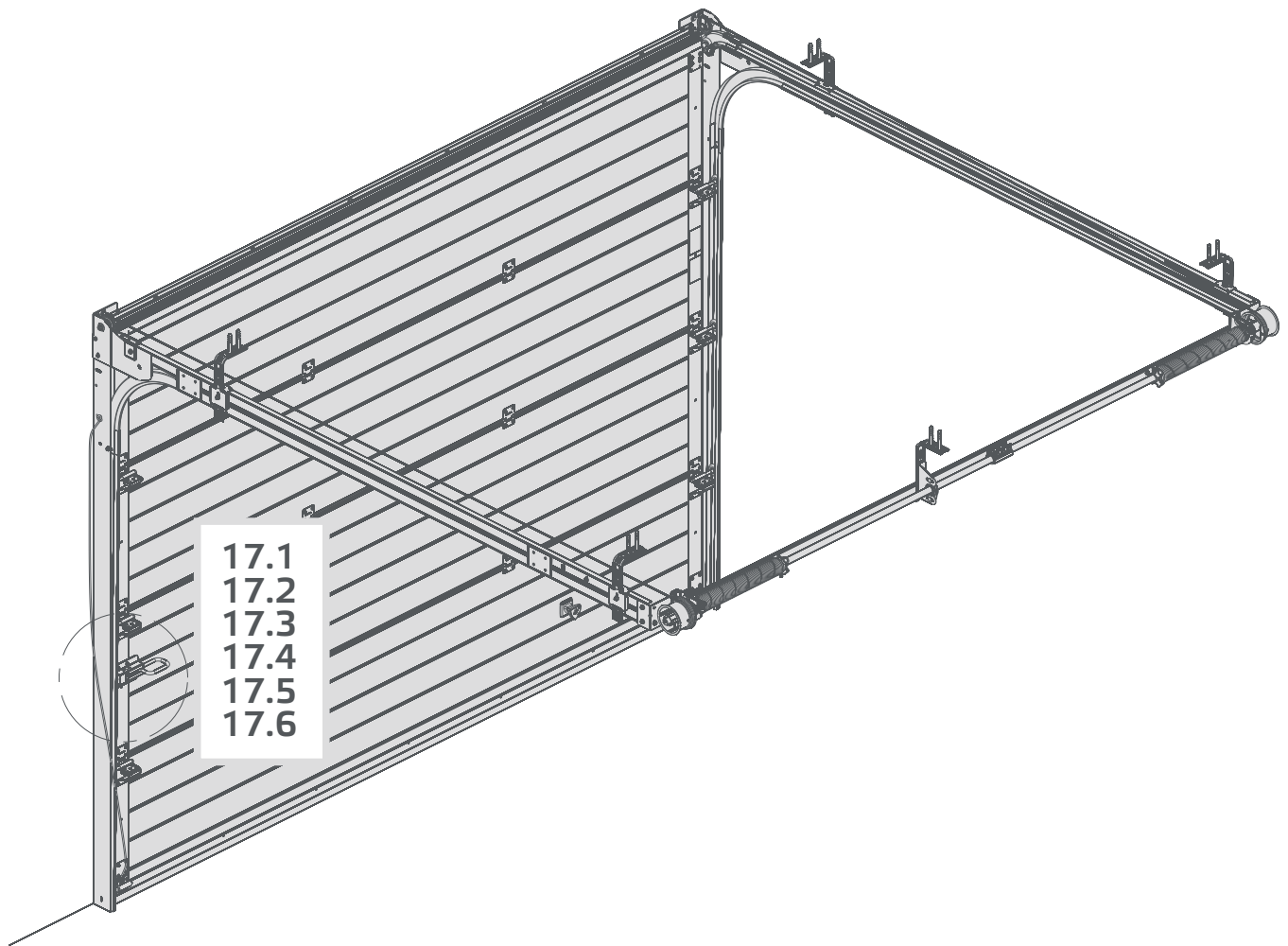
Gb 6,3x16

$F_{max} = 9,8Nm$

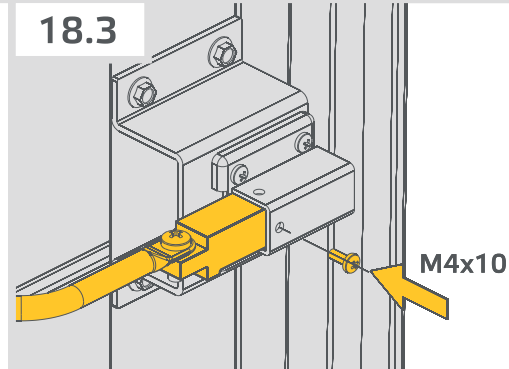
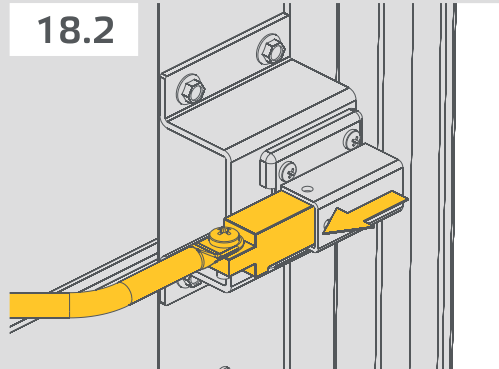
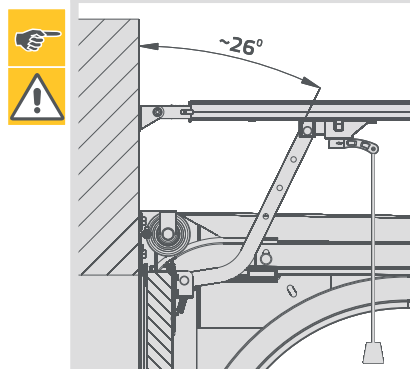
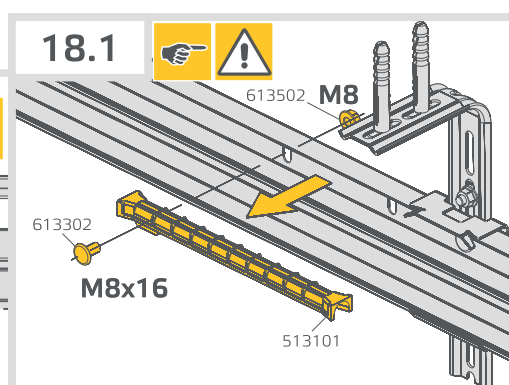
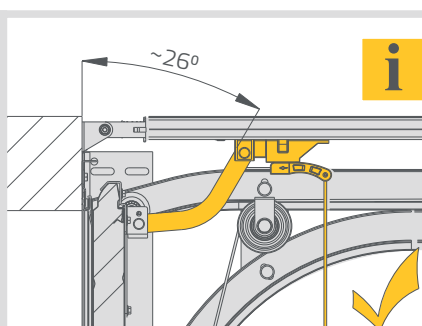
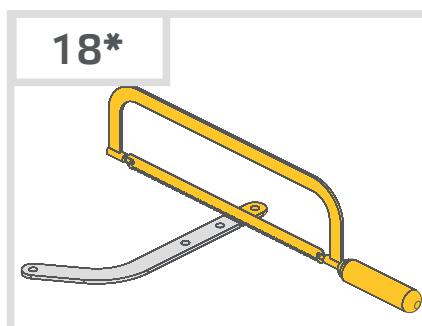
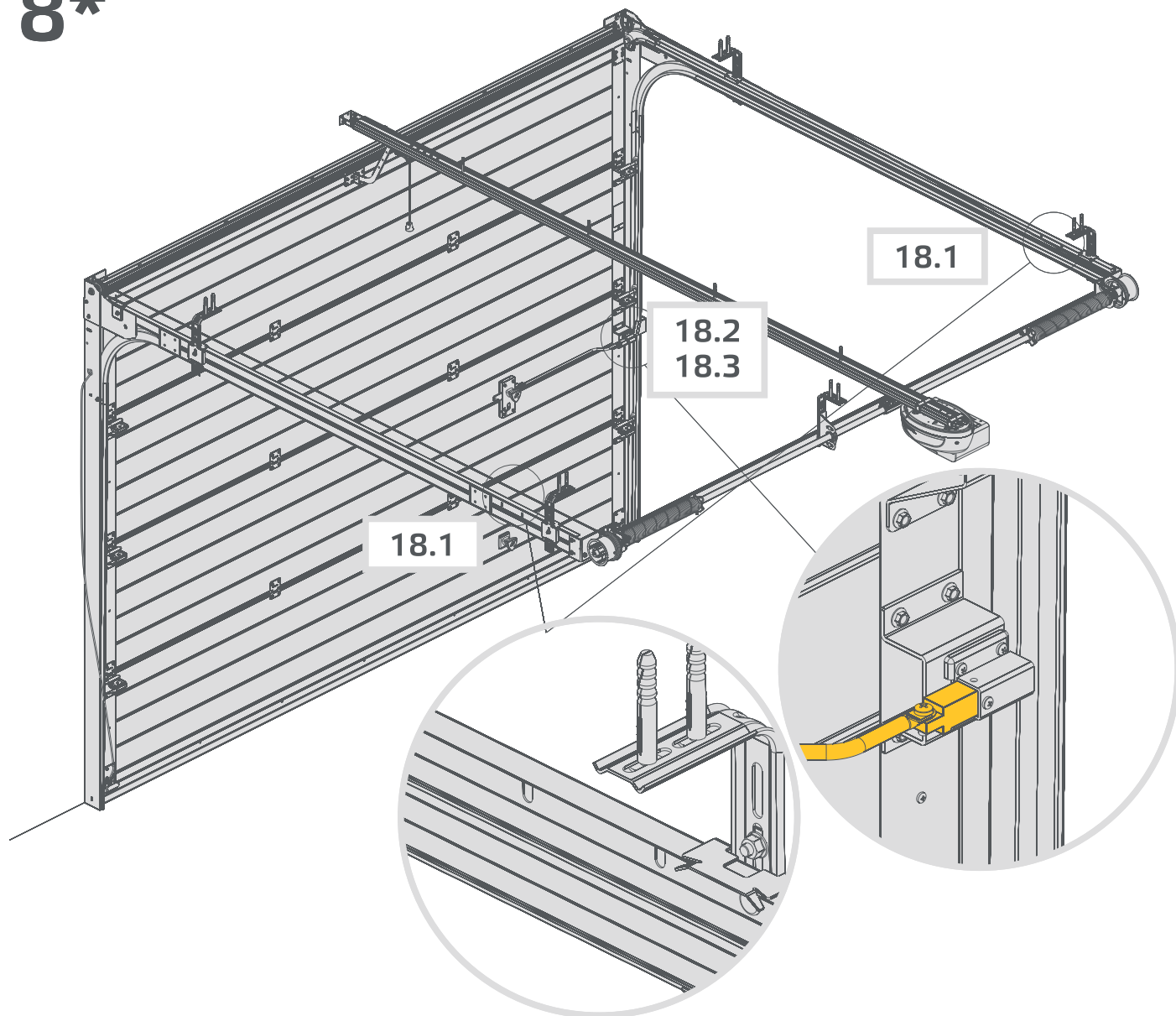
16*



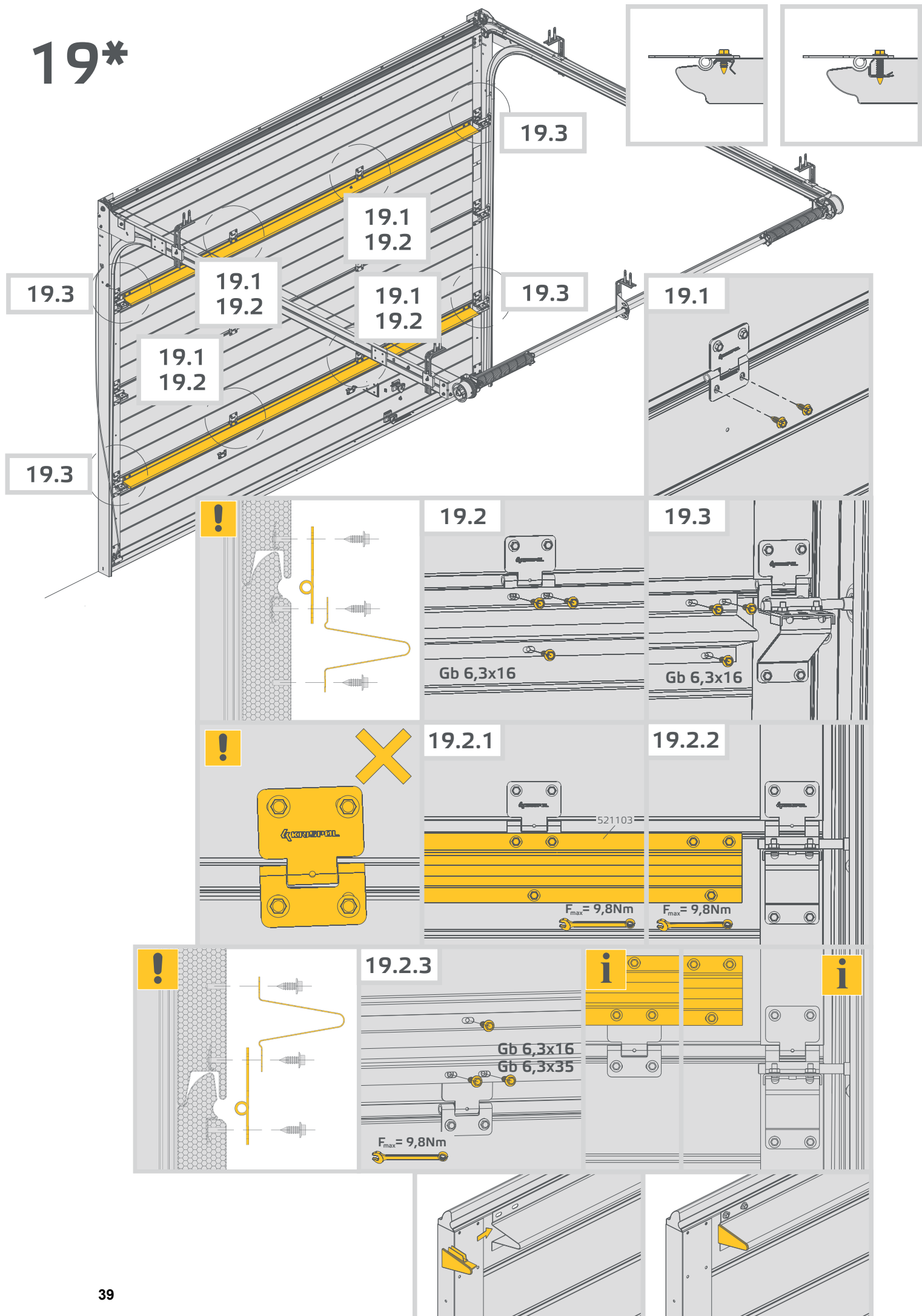
17*



18*



19*



Krispol Sp. z o.o.

Psary Małe, ul. Budowlana 1, 62-300 Września
Tel. +48 61 662 41 00, fax +48 61 436 76 48

www.krispol.eu

Motors for Gates Kft.

Pest Megye, 2040 Budaörs, Gyár utca 2. (Telepen belül:
Gutenberg utca 137.)

tel. +3623880868

<https://kapumotorbolt.hu/>