

KÉZIKÖNYV



IPARI KAPU K2 IL



FIRM

PRODUKTY DLA BIZNESU



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.



VIZUÁLIS SEGÉDLET - A felhasználónak ajánlott követni a vizuális segédleteket. A szimbólum a kezelési útmutatóban is megjelenhet.



KEZELÉSI ÉS KARBANTARTÁSI KÉZIKÖNYV Olvassa el a megfelelő részt a "Kezelési és karbantartási kézikönyvben".



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 téglalajzat 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 téglal, 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

Fémfűrőgép

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

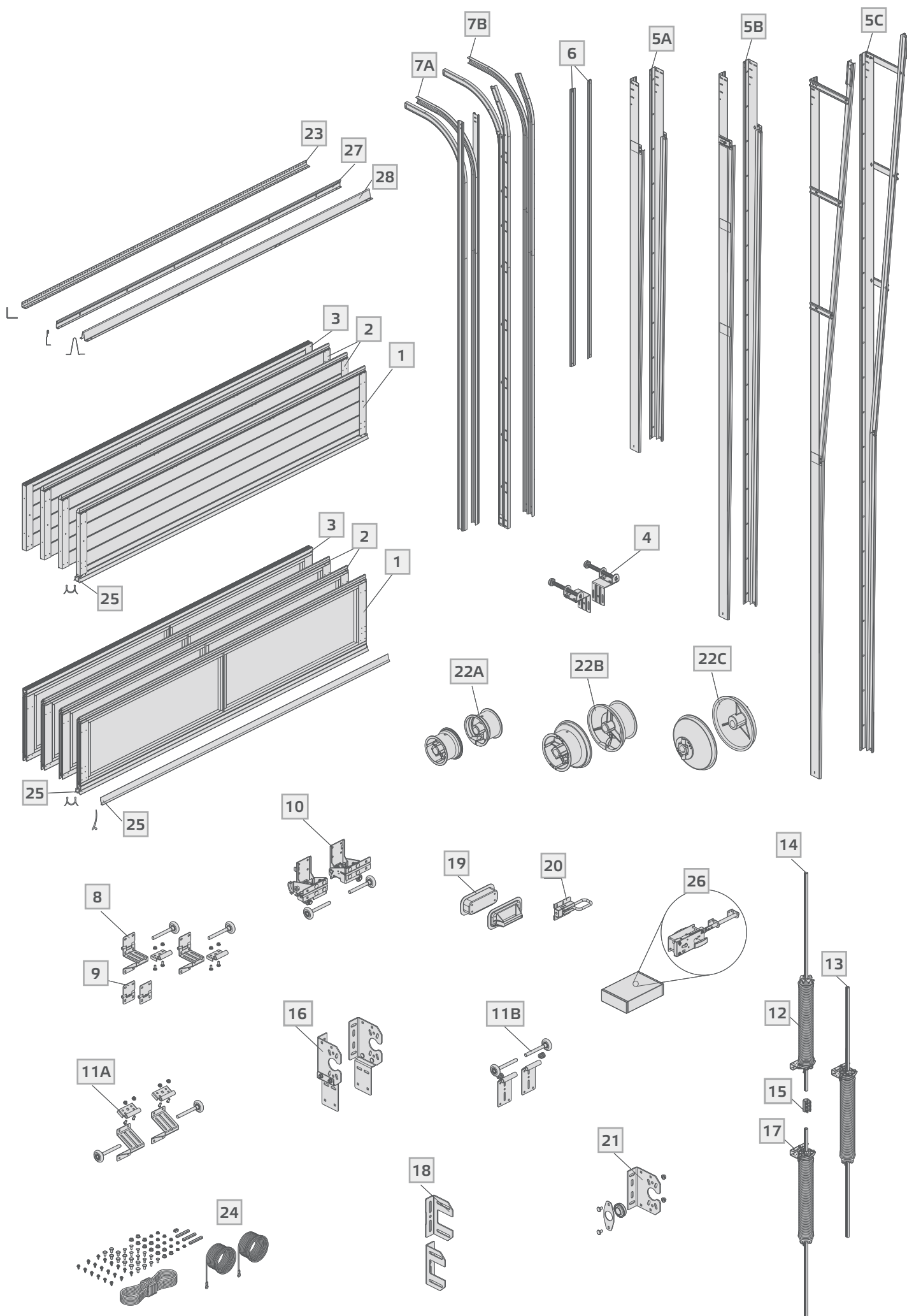
Vízmérték

Tisztítóeszközök:
Kefe, lapát, porszívó

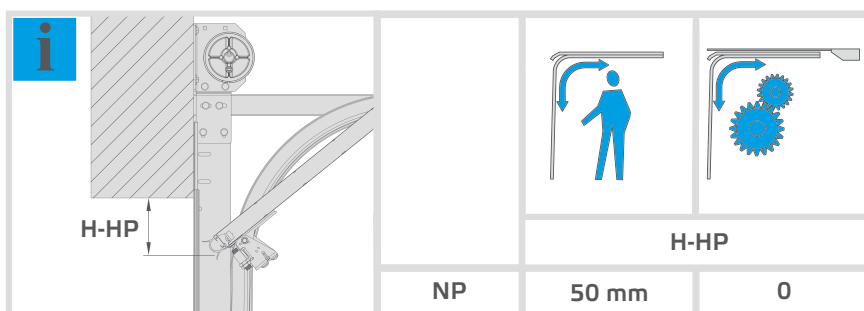
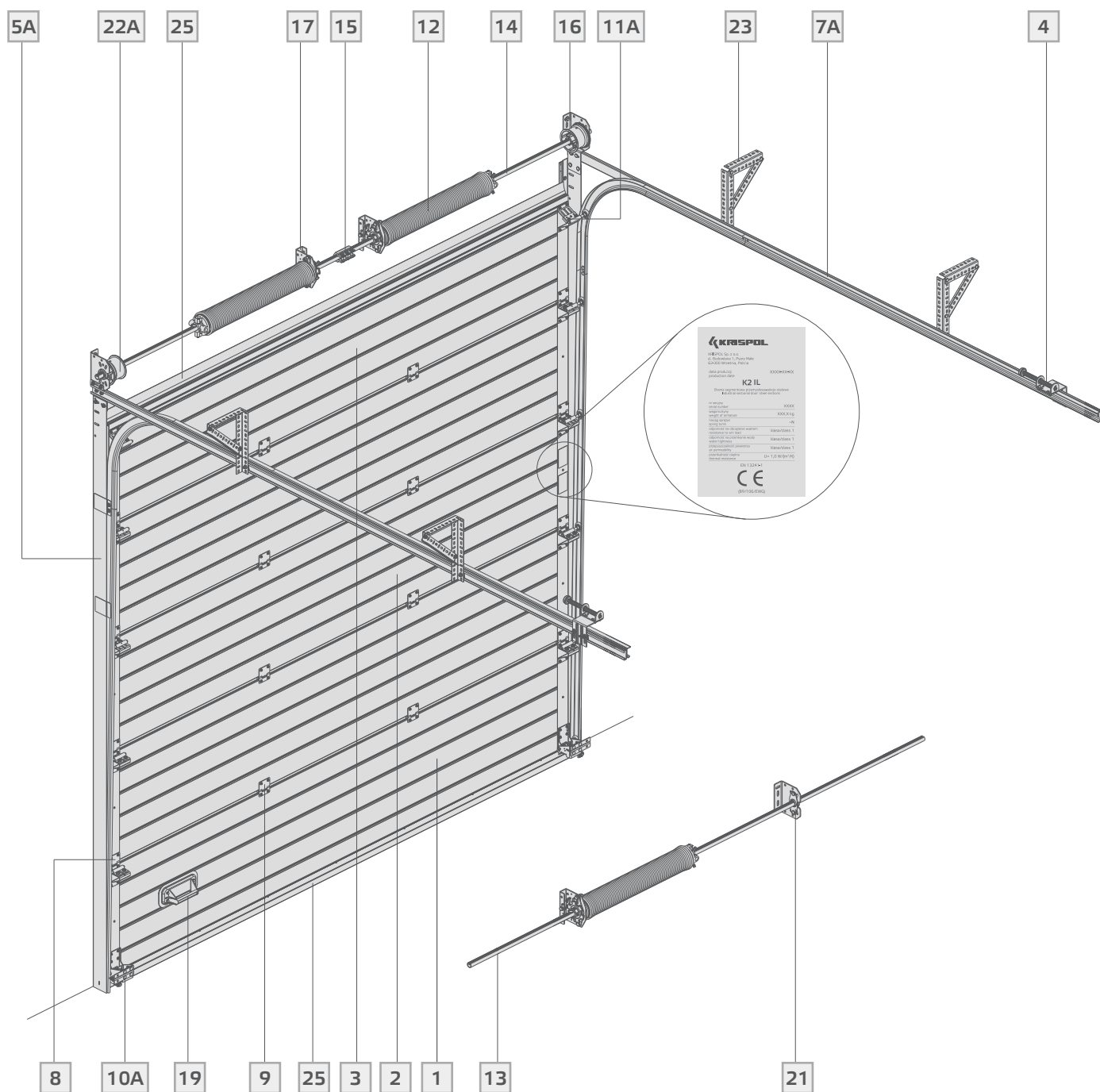
FIGYELEM

A termék csak a teljes telepítési folyamat befejezése után használható!

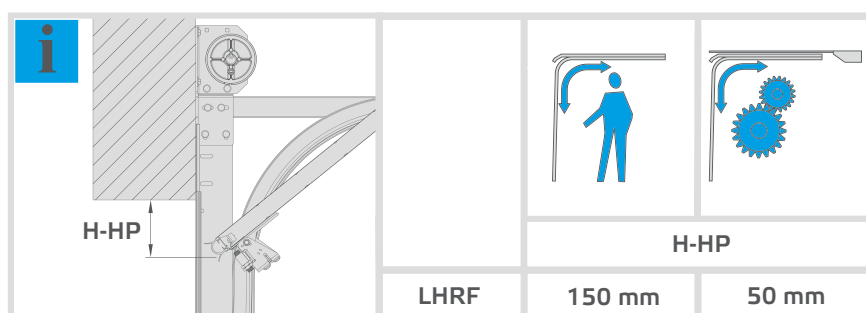
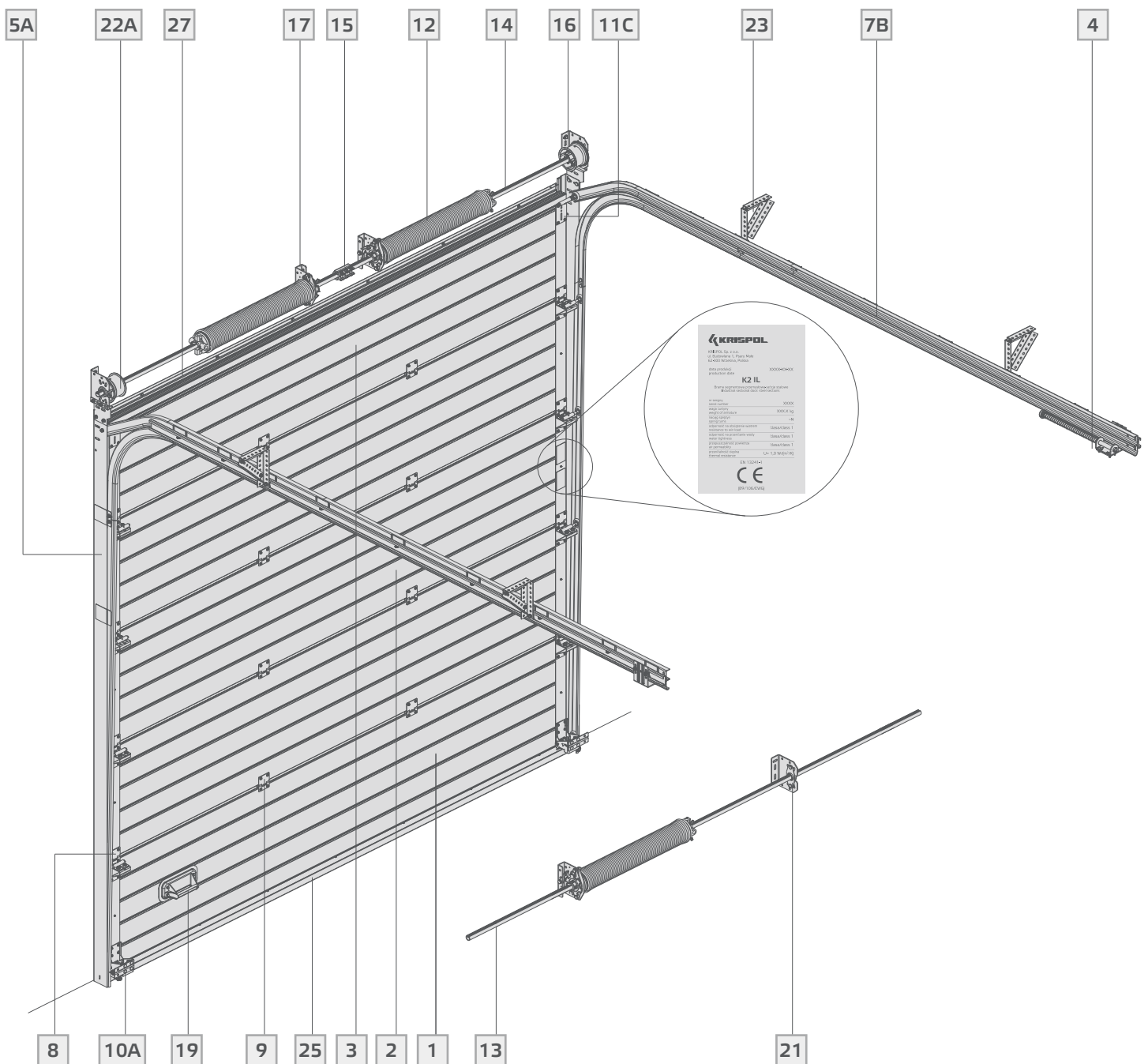
Tartsa tisztán a szerelés során és tisztítsa meg



NP

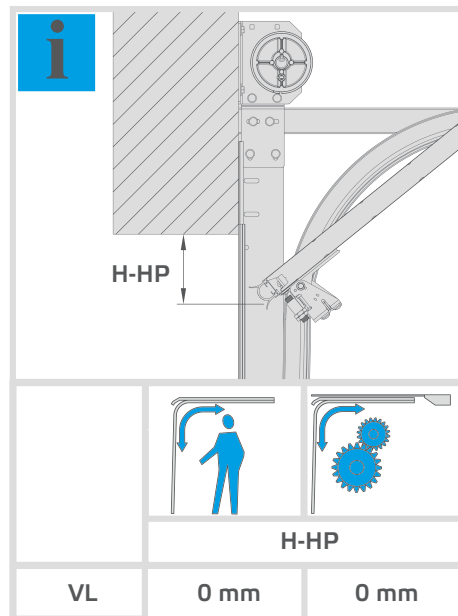
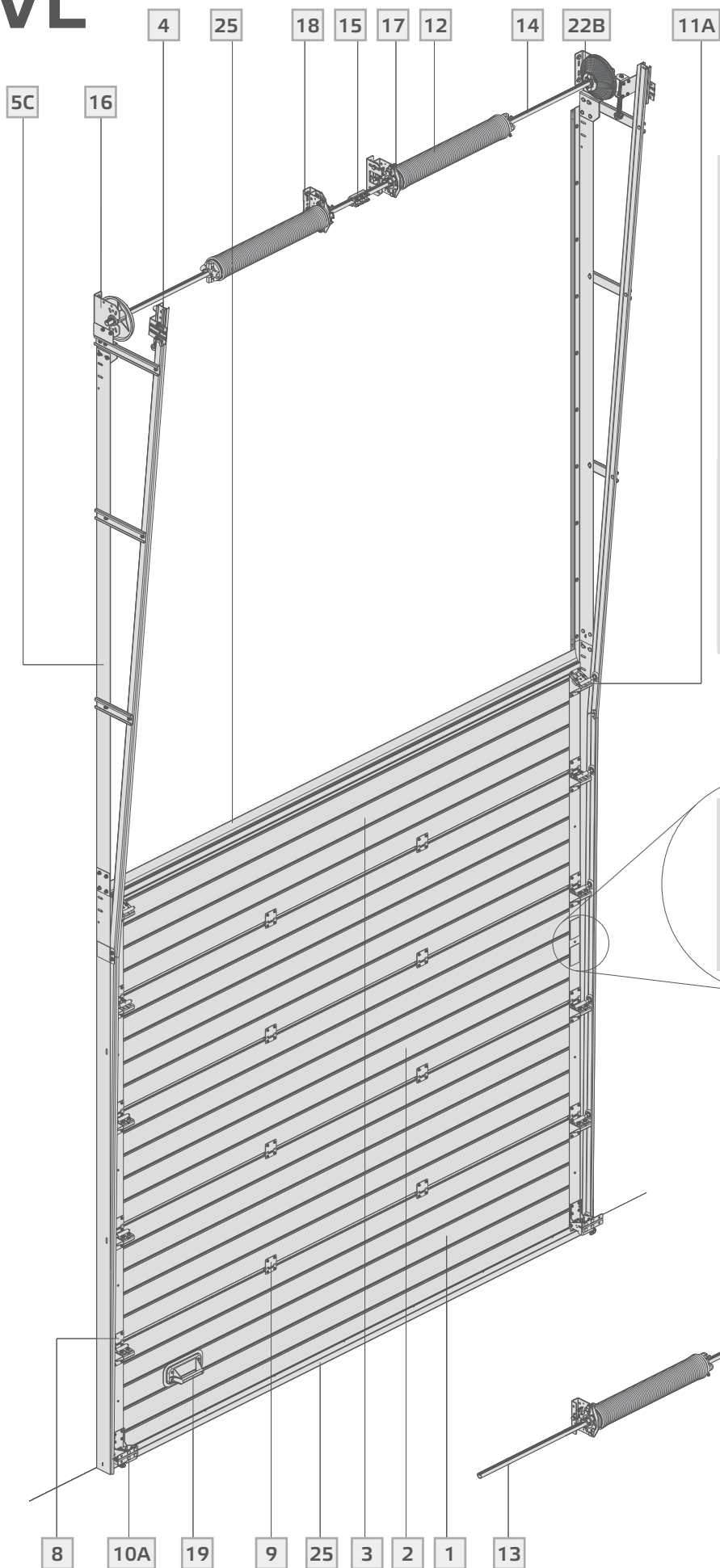


LHRF

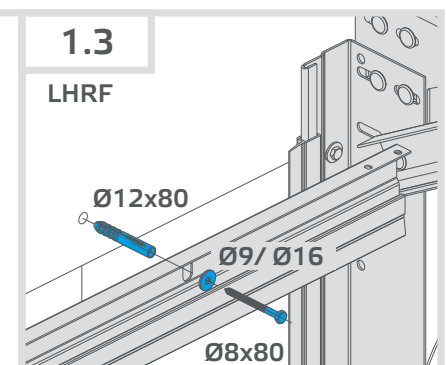
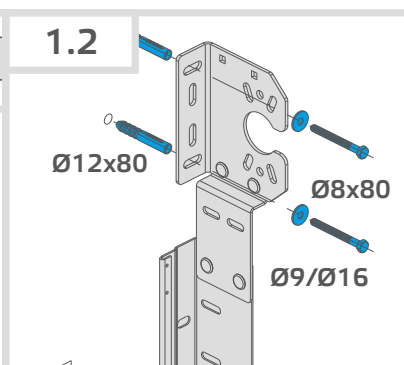
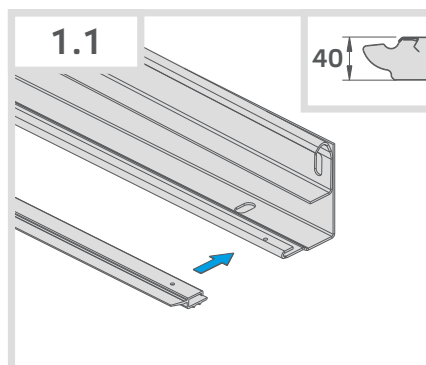
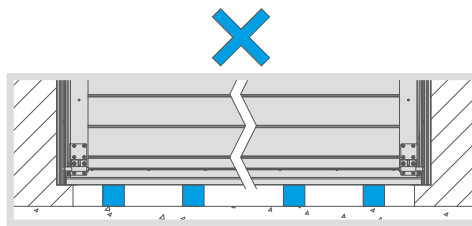
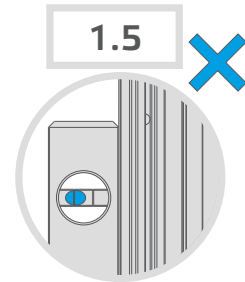
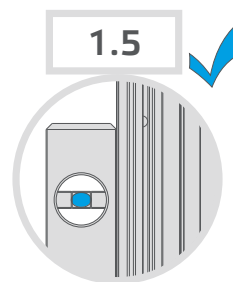
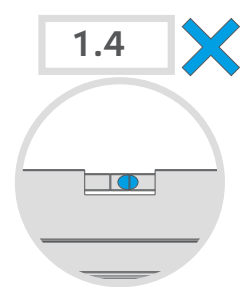
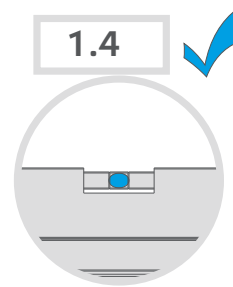
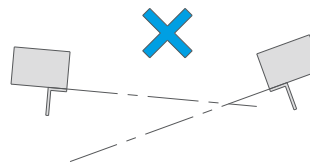
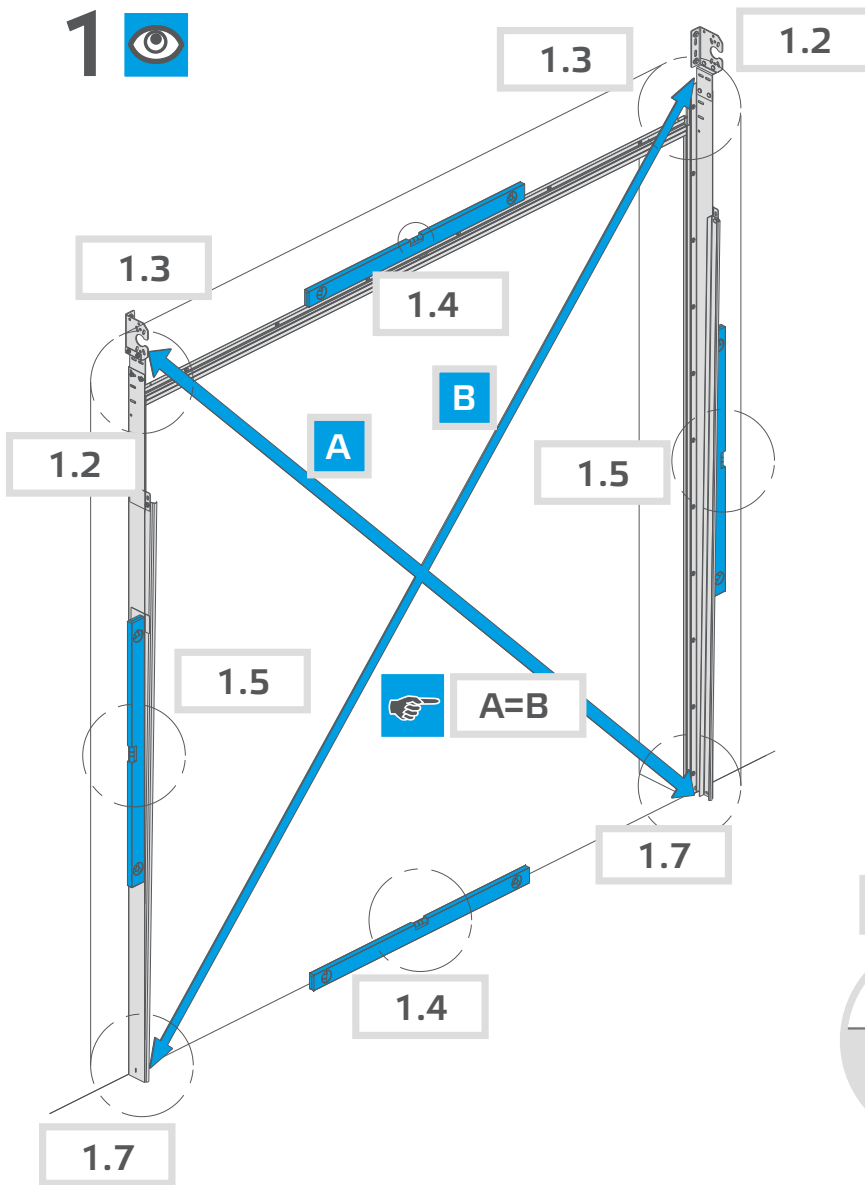


[illegible]

VL

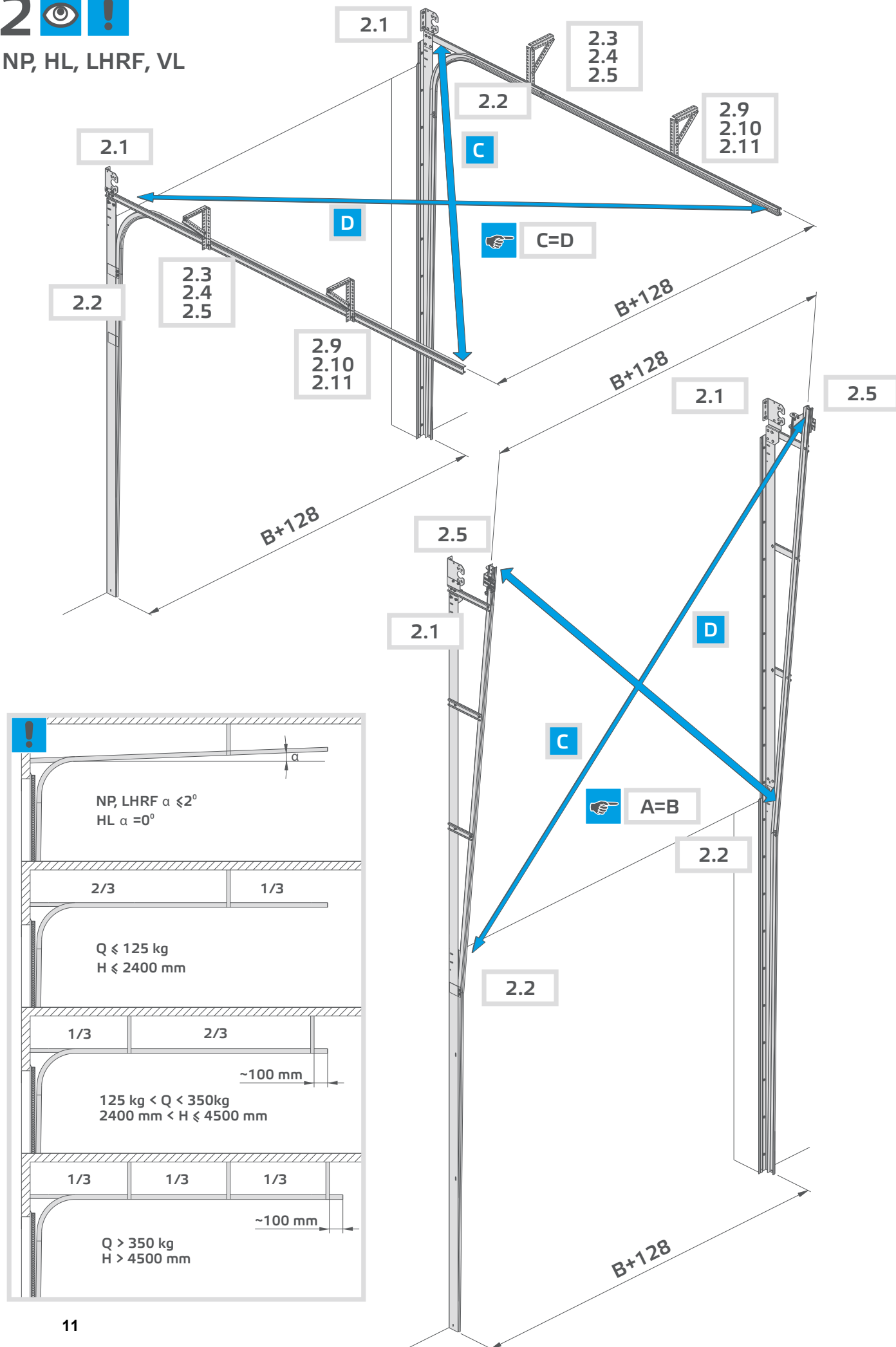


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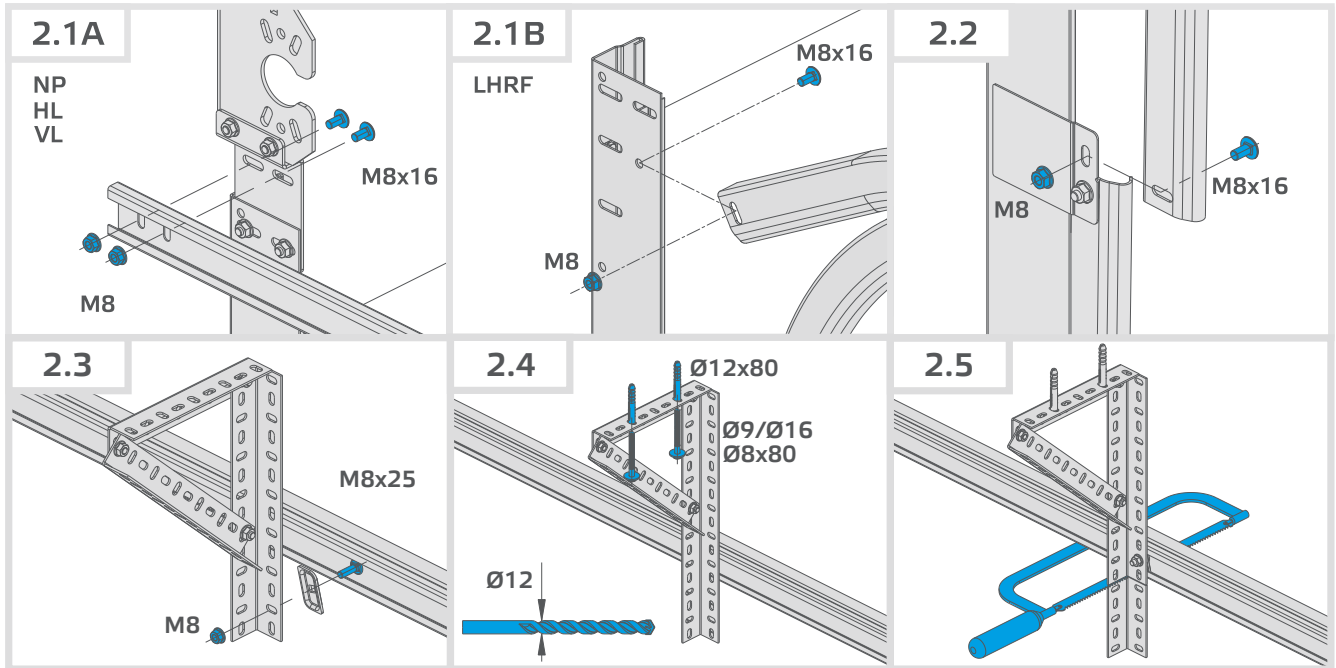




NP, HL, LHRF, VL

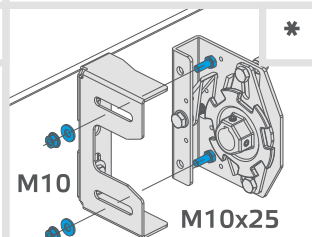
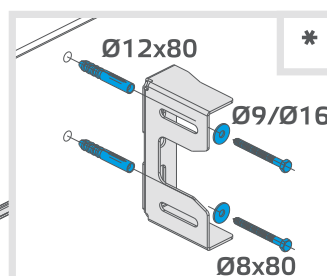
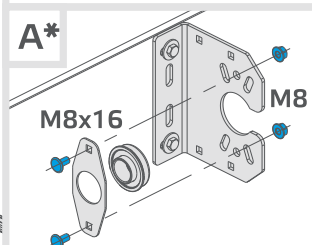
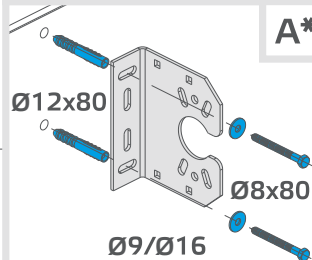
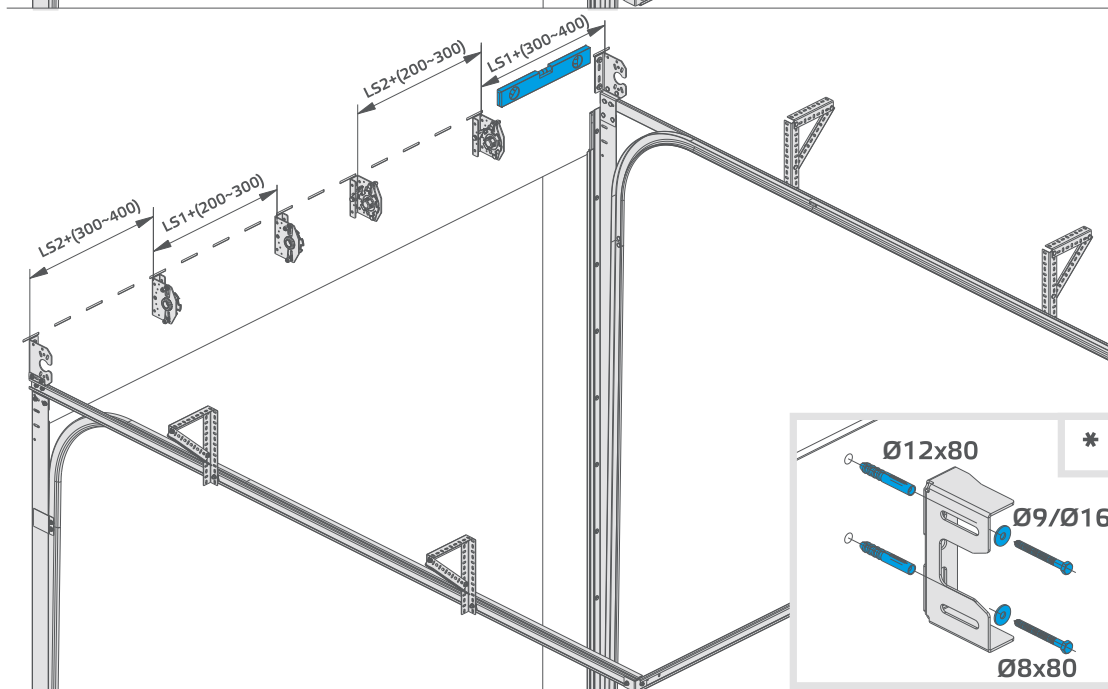
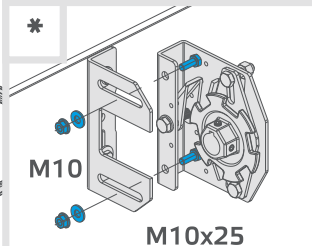
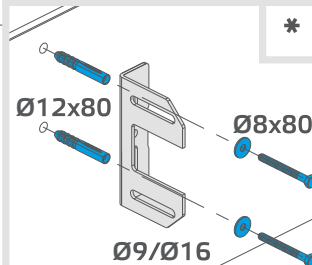
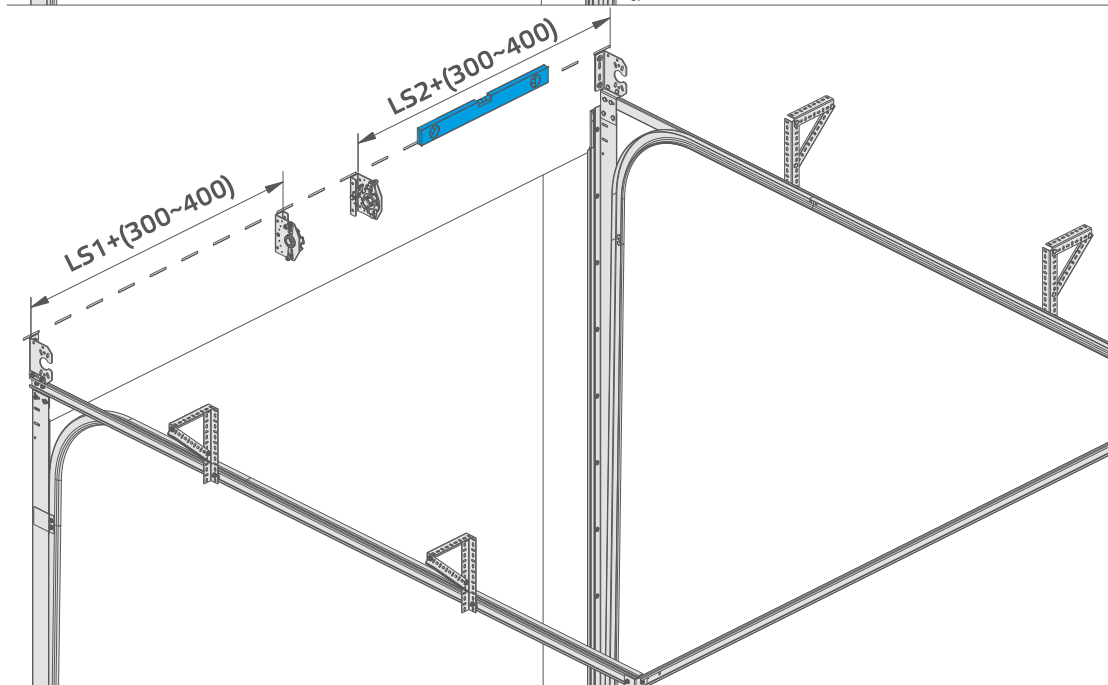
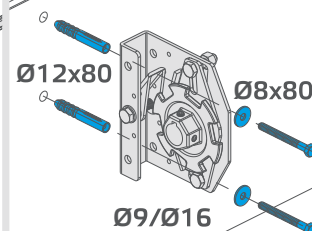
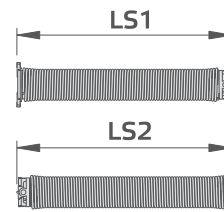
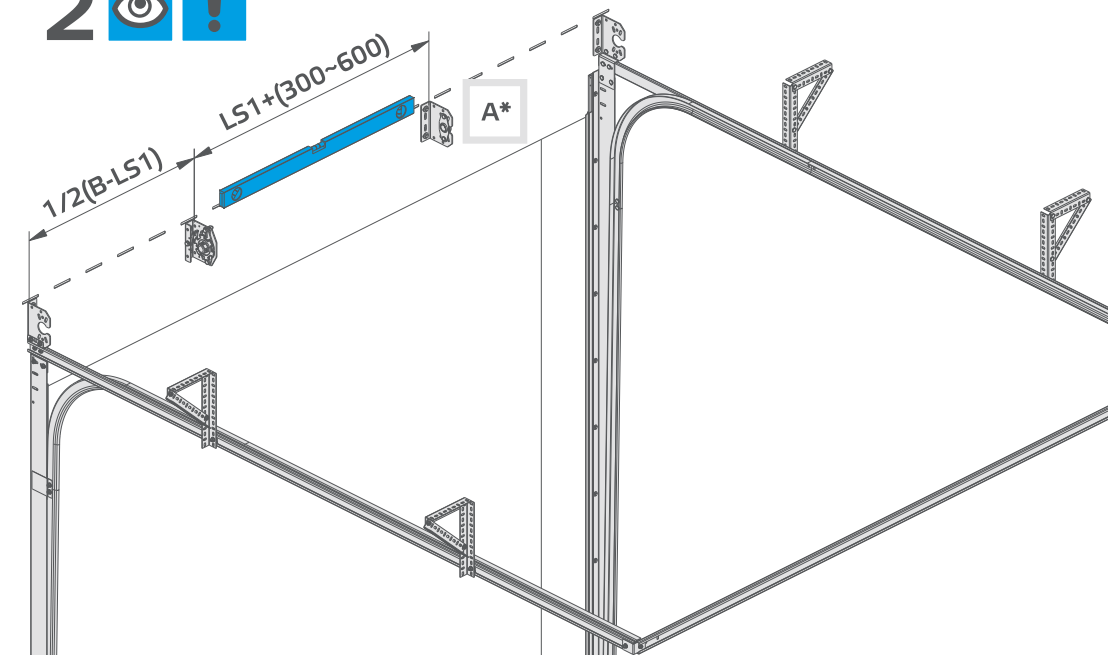


2



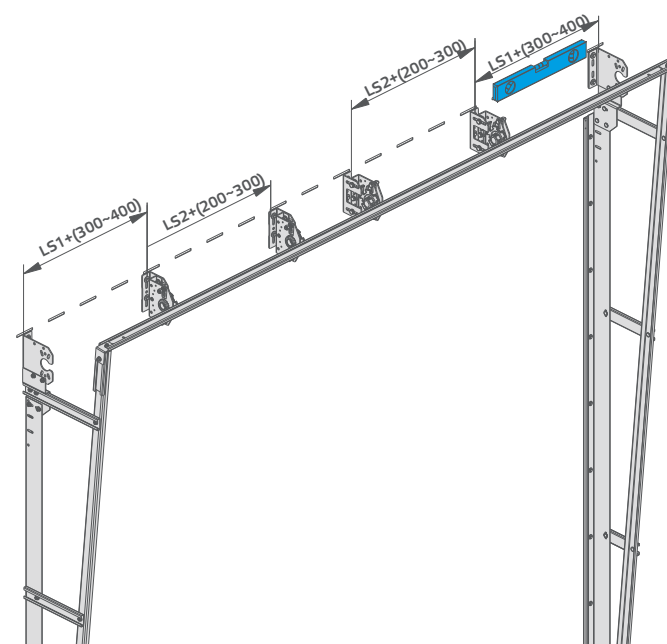
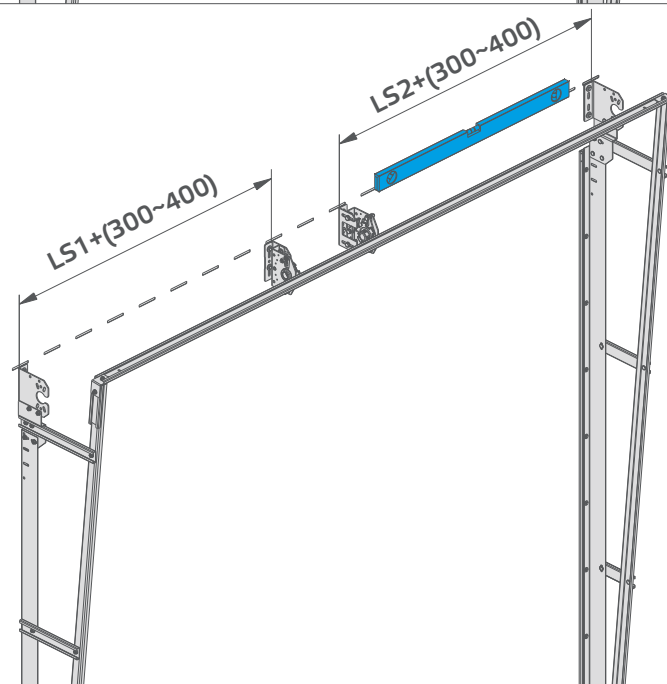
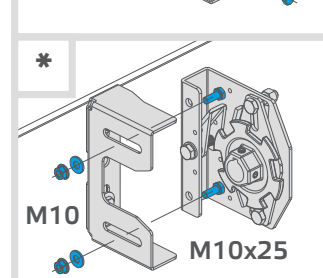
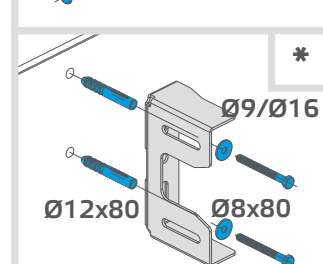
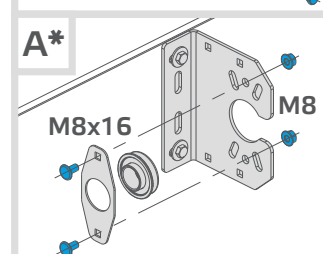
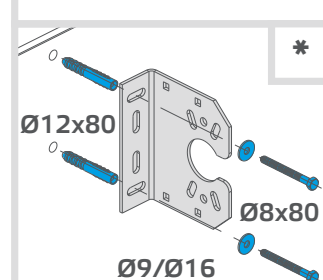
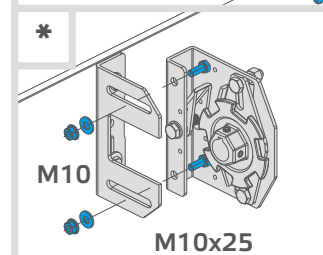
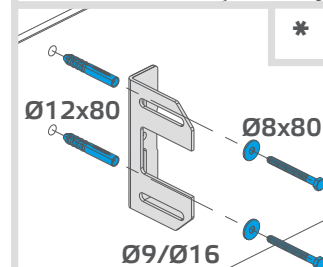
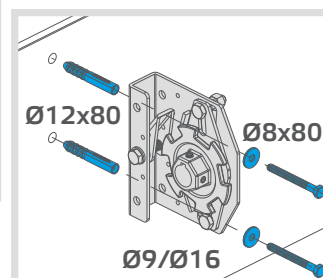
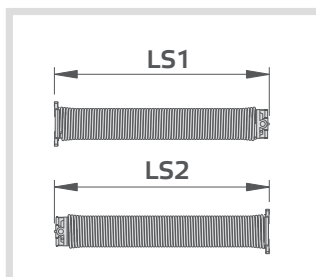
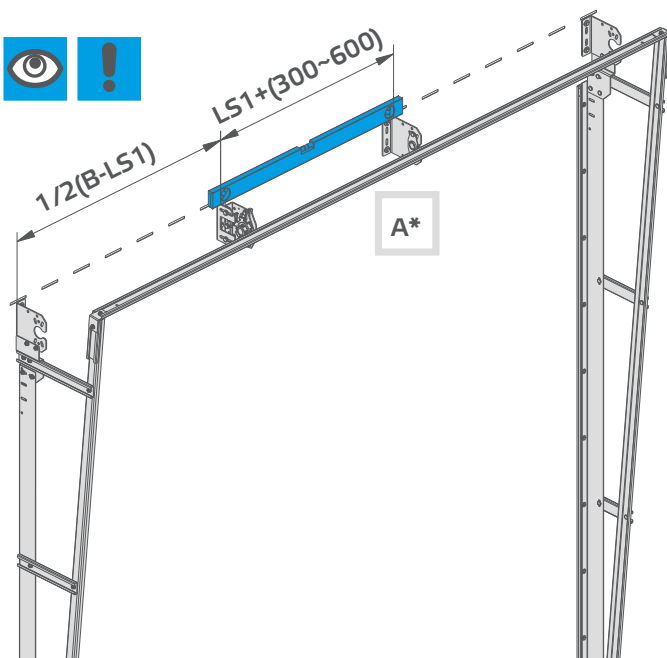


NP, LHRF, HL

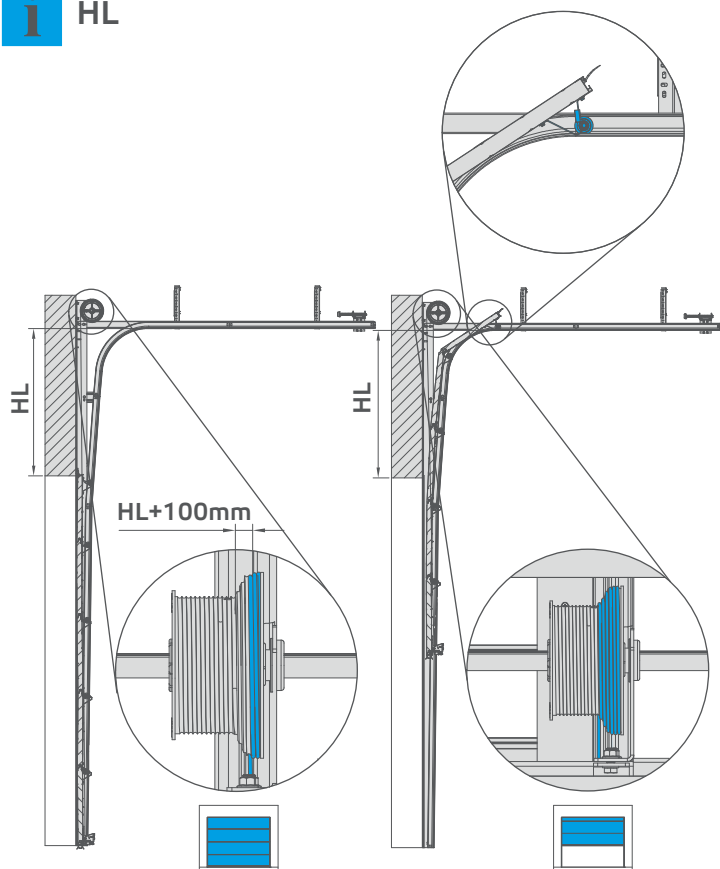




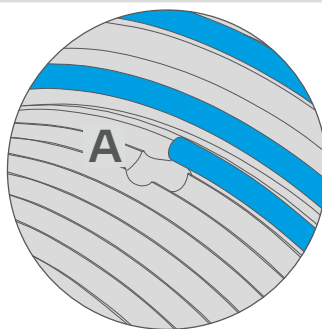
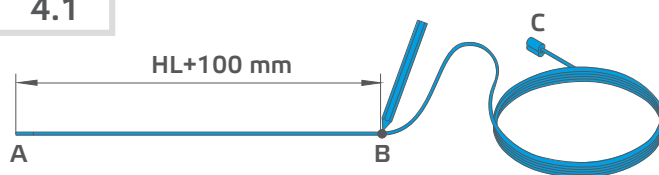
VL



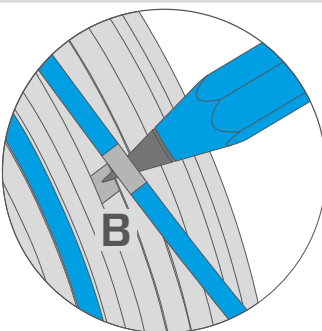
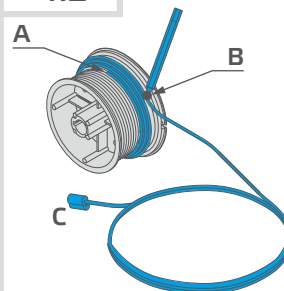
HL



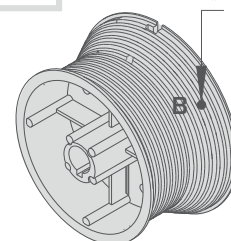
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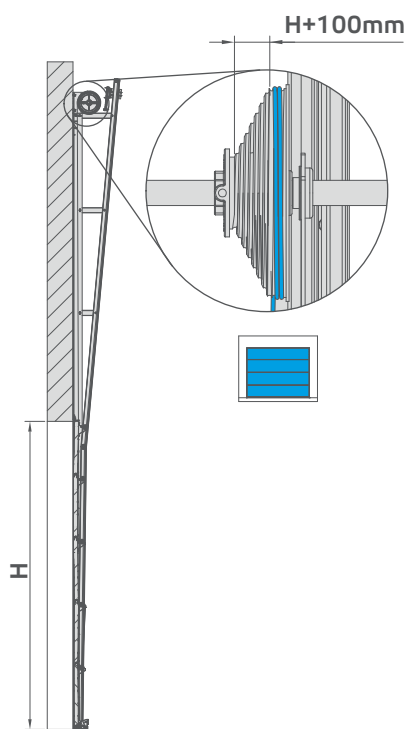
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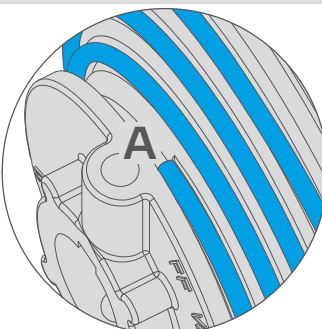
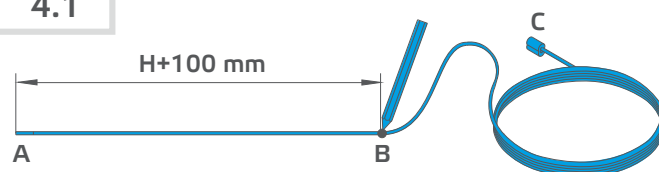
4.3



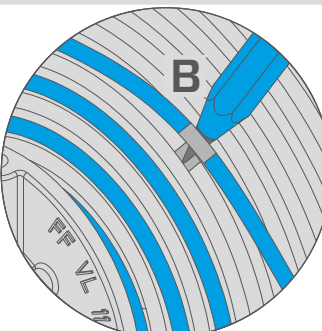
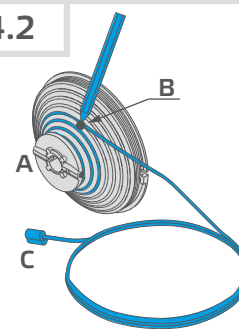
VL



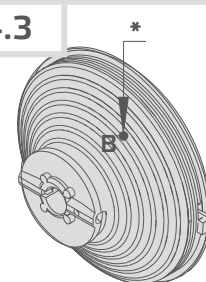
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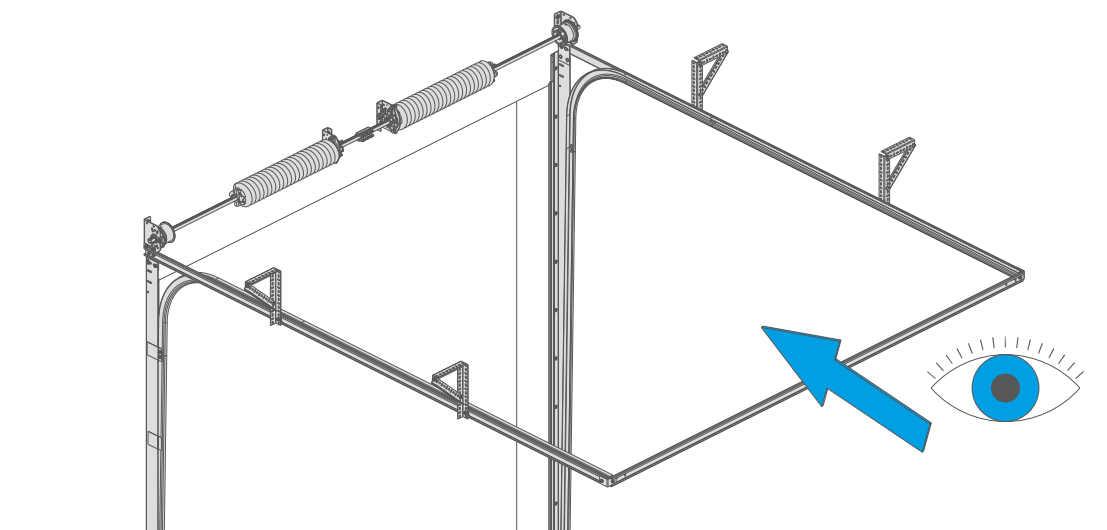
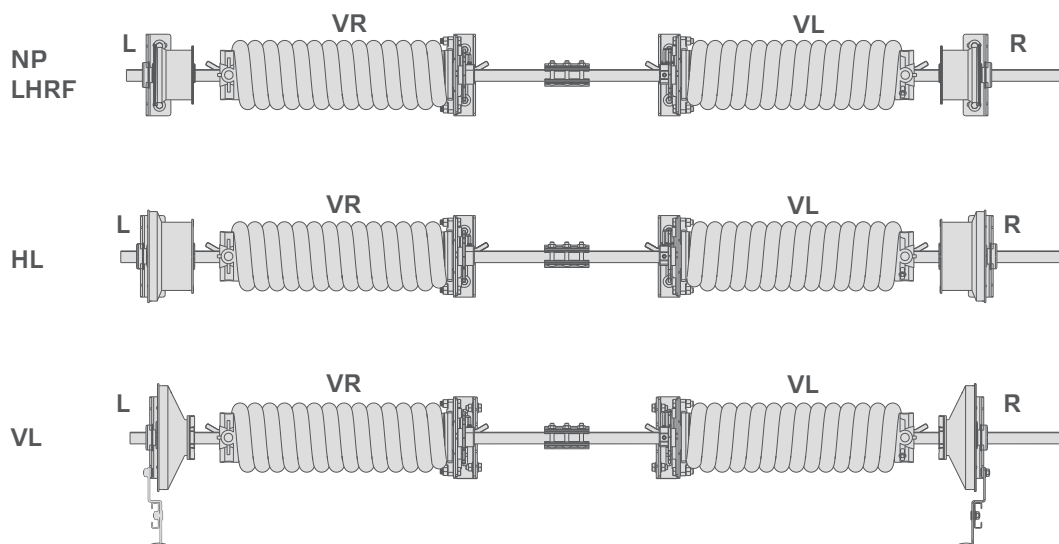


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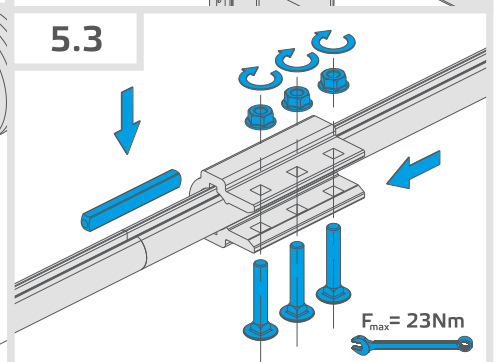
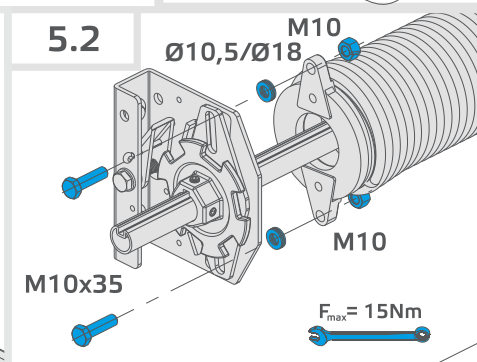
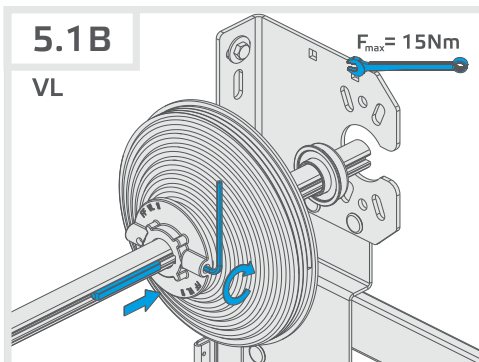
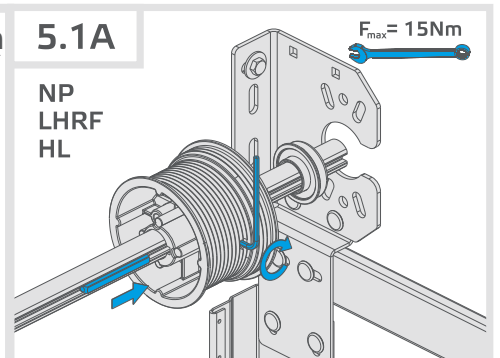
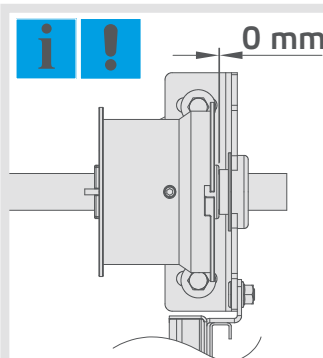
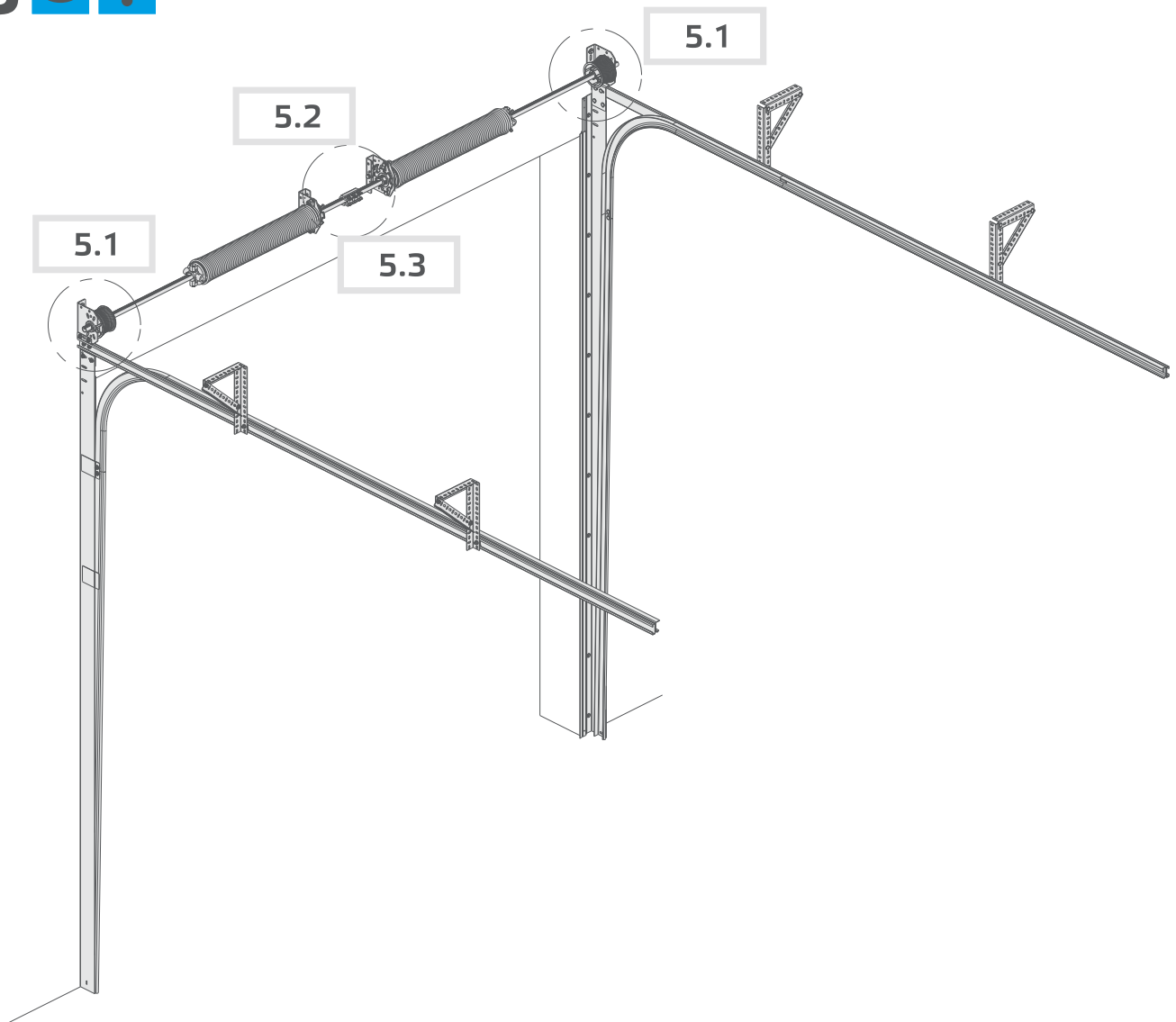


4.3

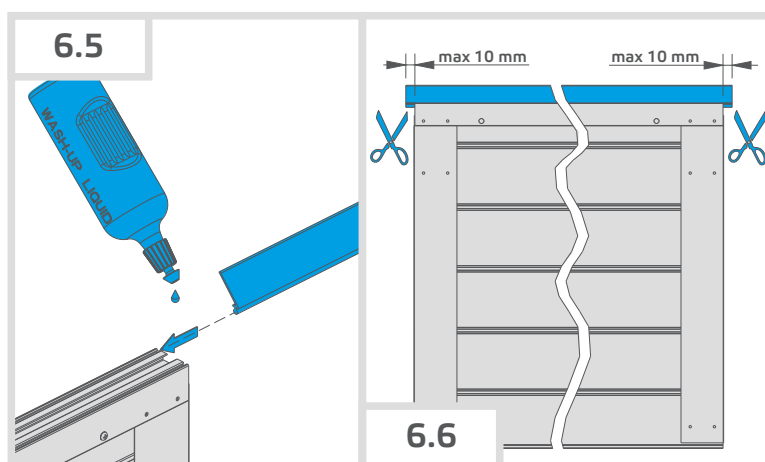
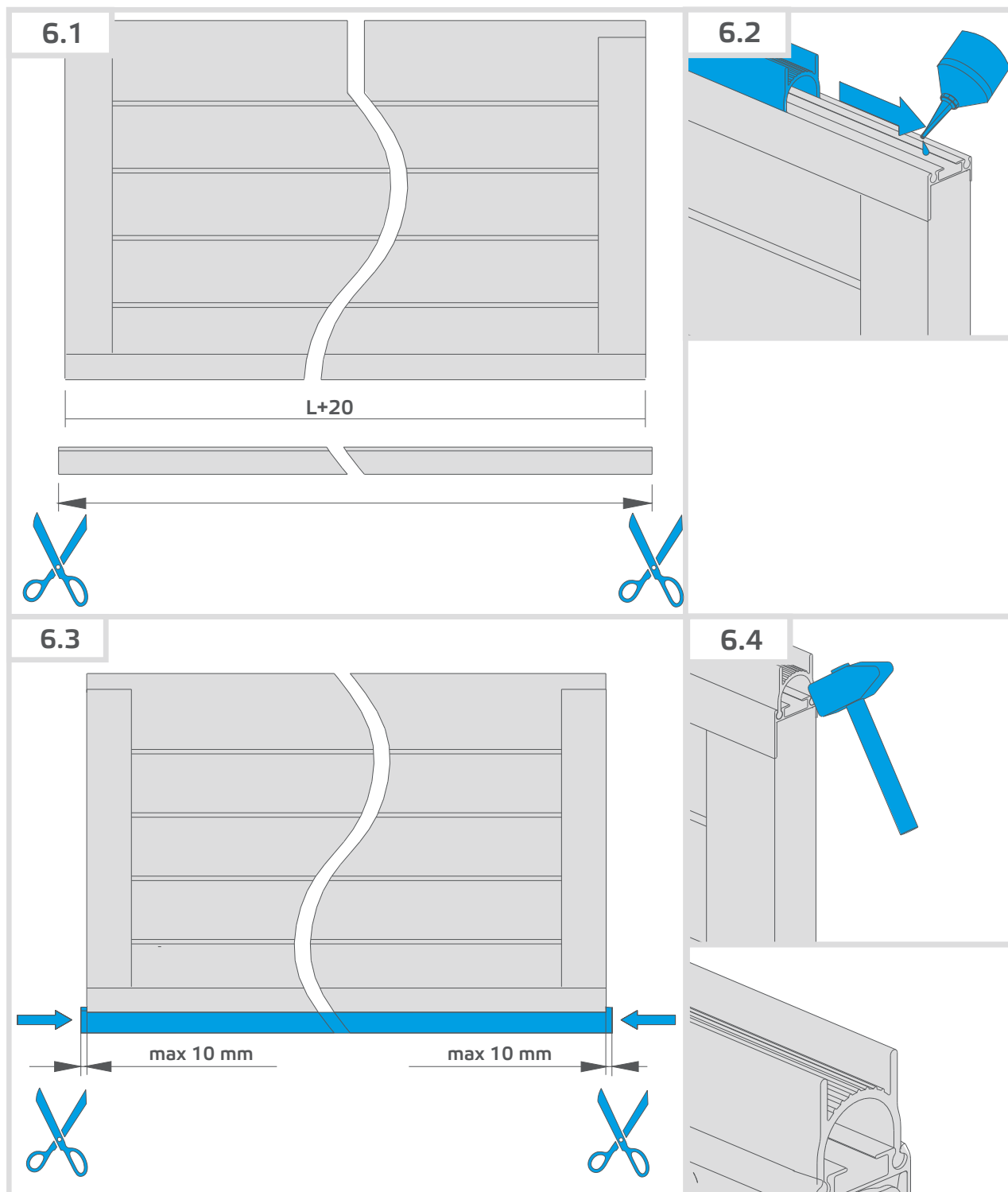


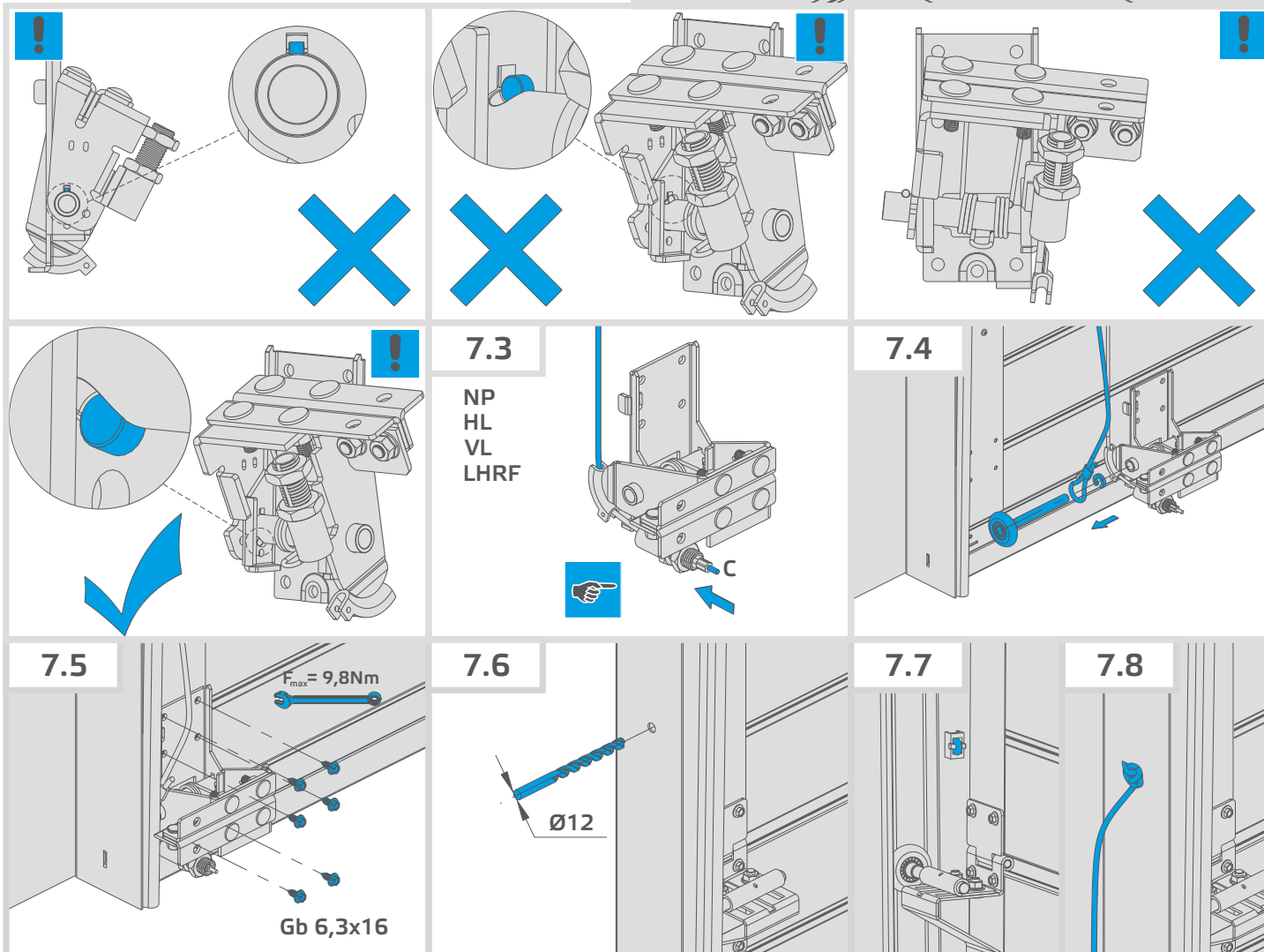
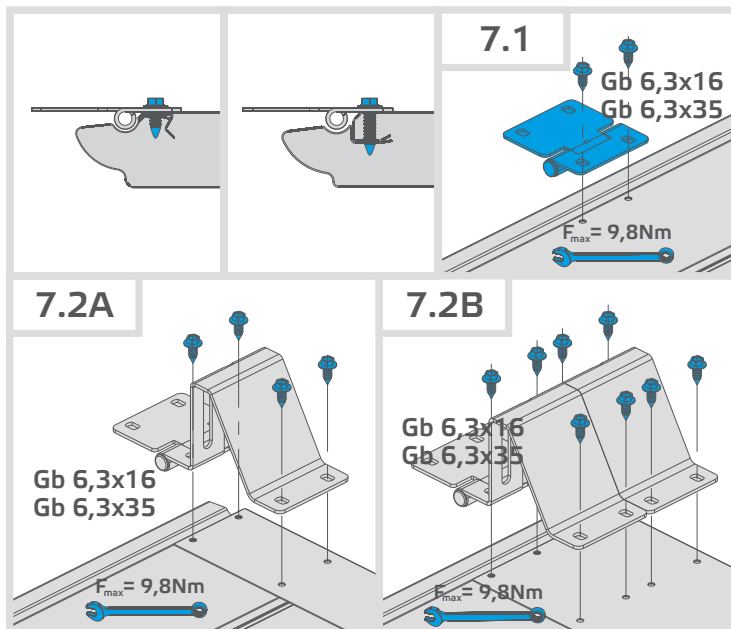
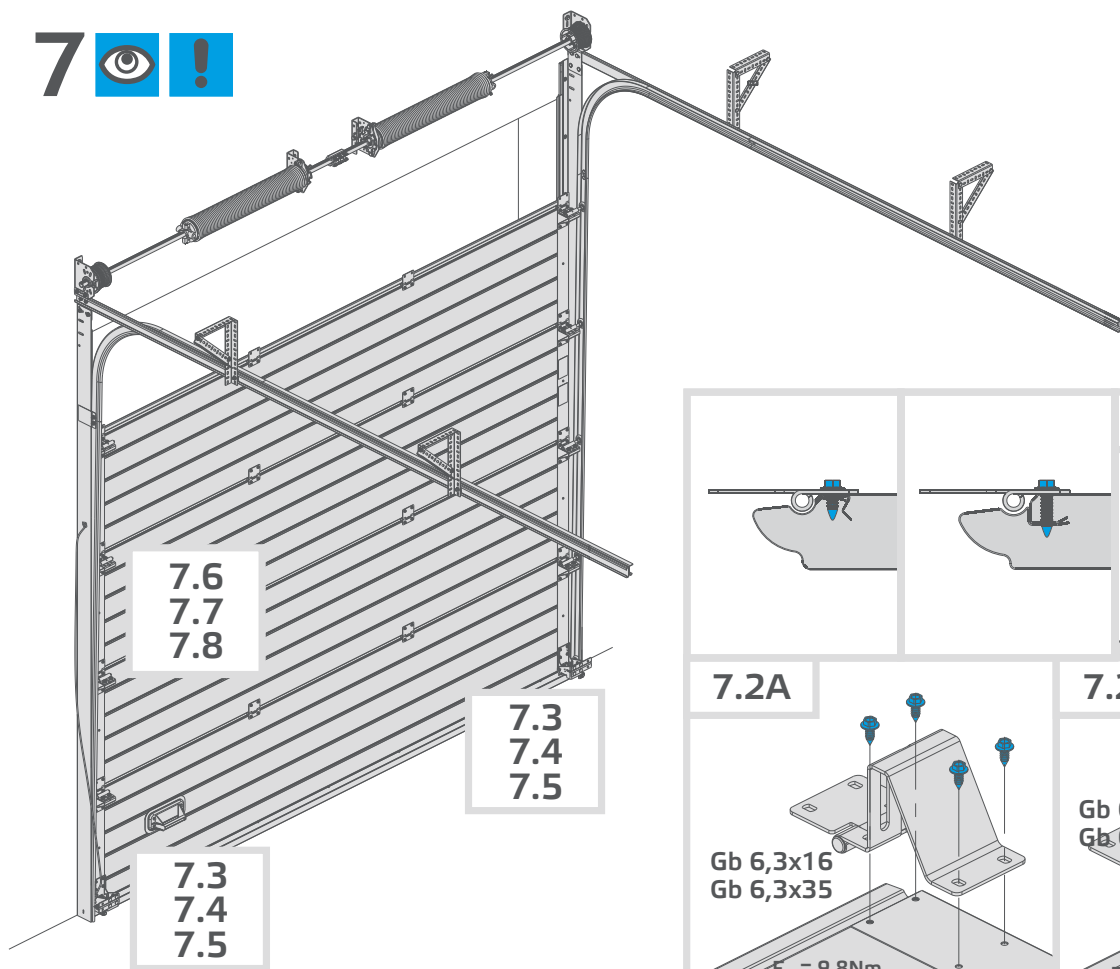


i	L VR	PL CZERWONY GB RED	DE ROT FR ROUGE	RO ROSU CZ ČERVENÝ	IT ROSSO SE RÖD	RU КРАСНЫЙ SK ČERVENÝ	UA ЧЕРВОНИЙ DK RØD	HU PIROS
i	R VL	PL CZARNY GB BLACK	DE SCHWARZ FR NOIRE	RO NEGRU CZ ČERNÝ	IT NERO SE SVART	RU ЧЕРНЫЙ SK ČIERNY	UA ЧОРНИЙ DK SORT	HU FEKETE



6*

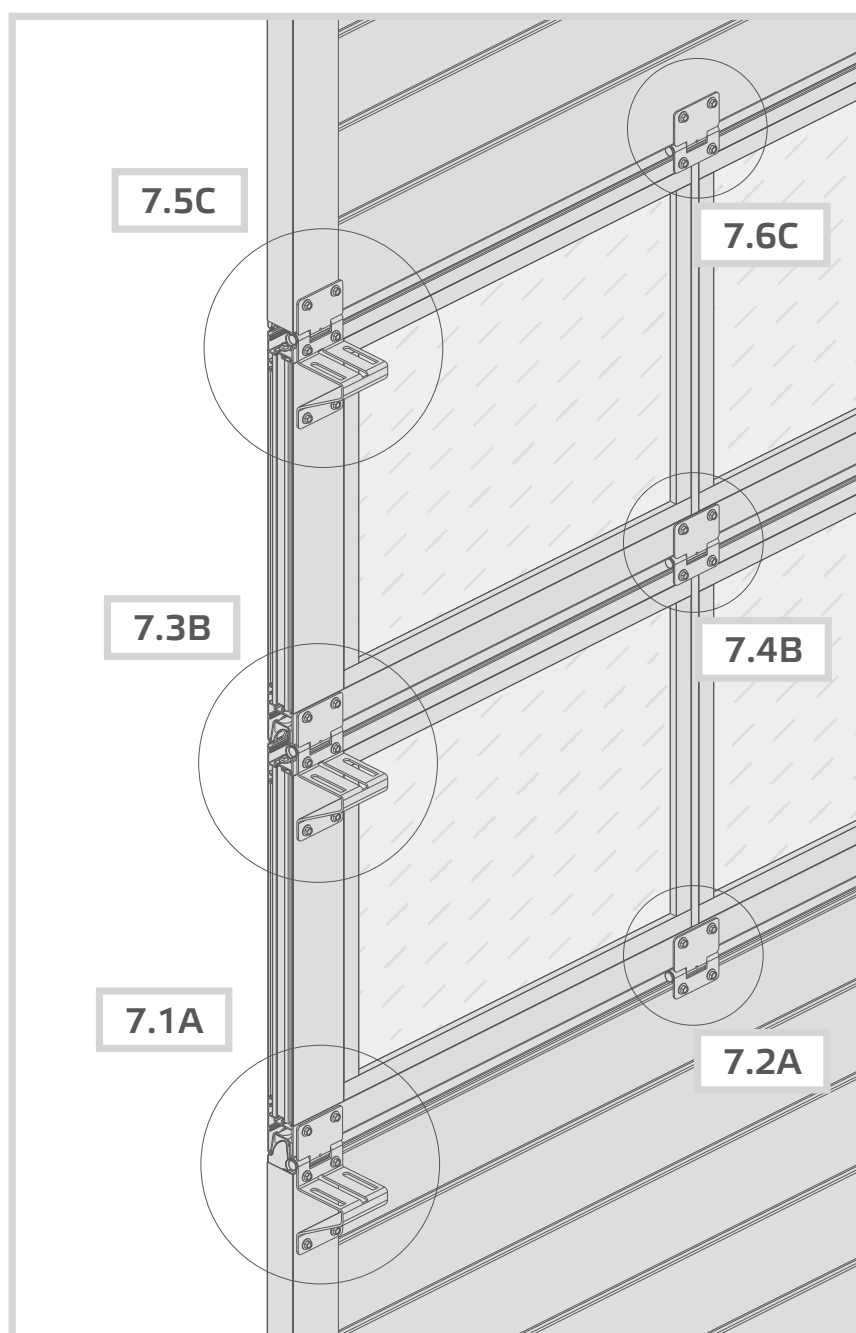
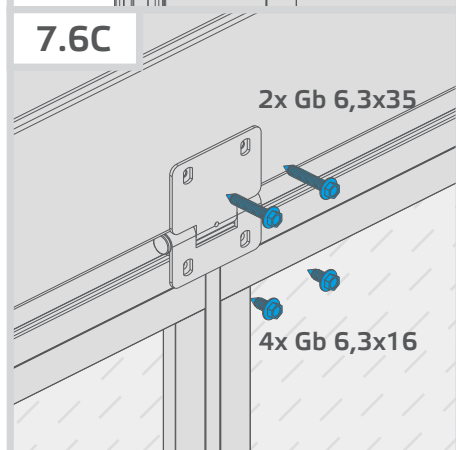
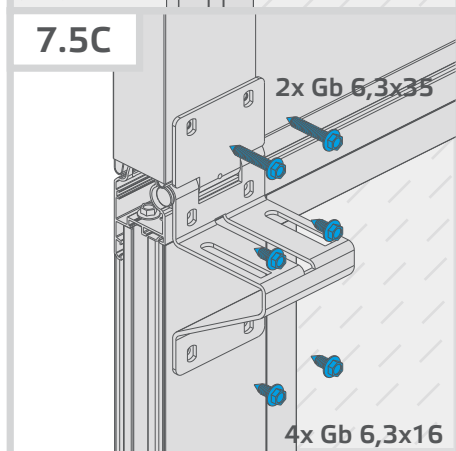
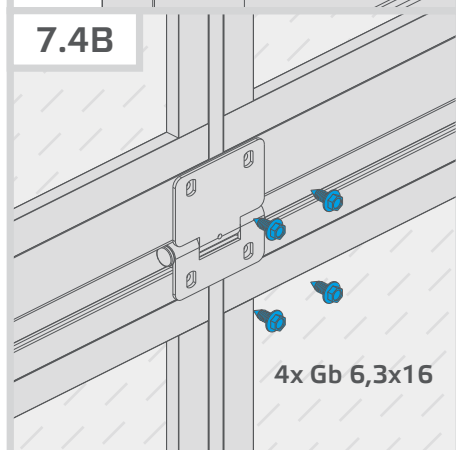
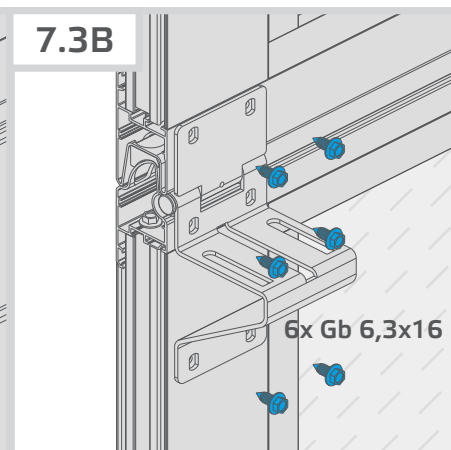
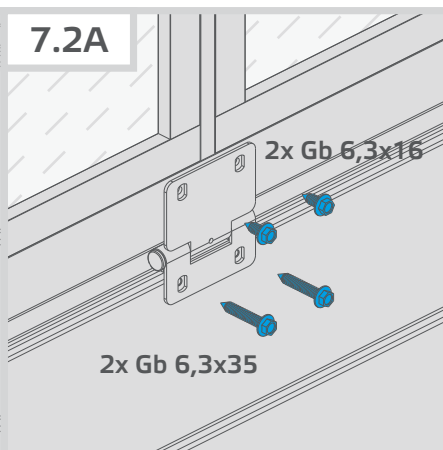
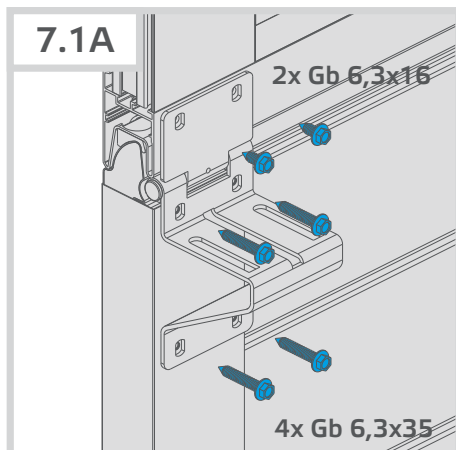


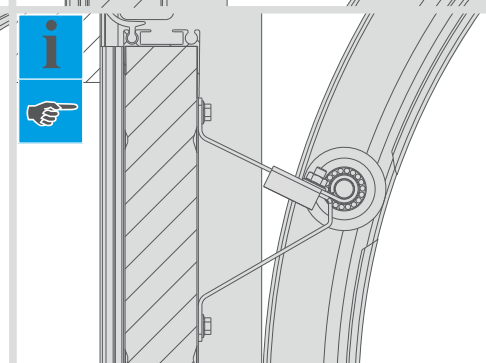
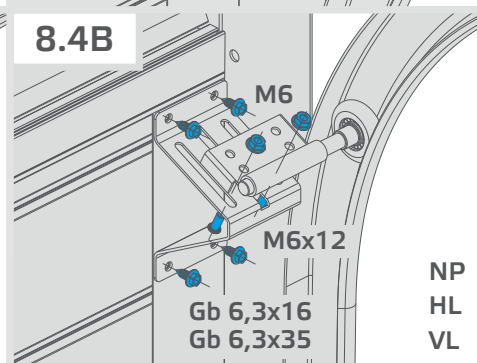
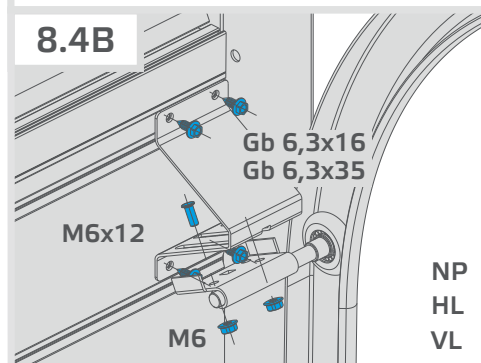
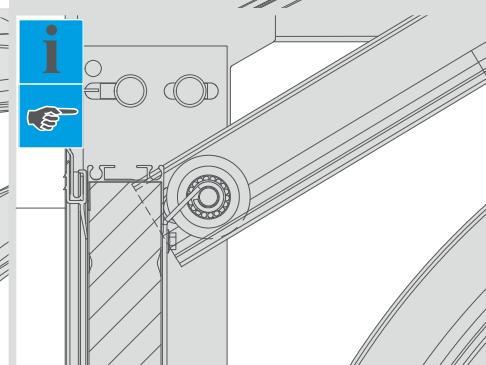
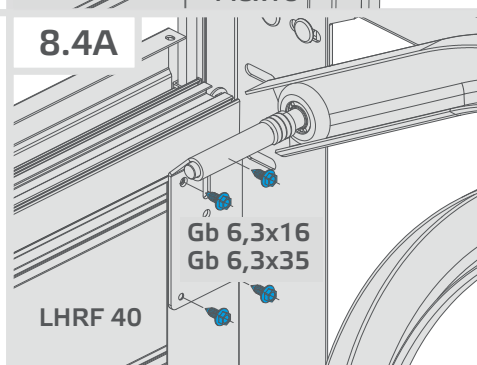
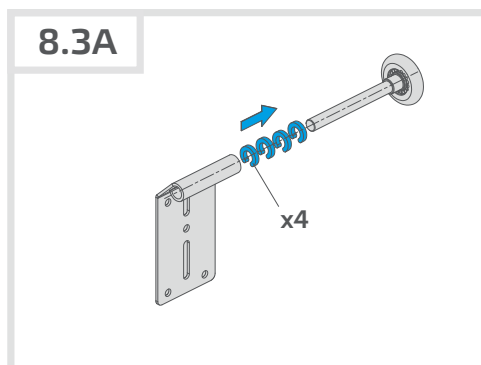
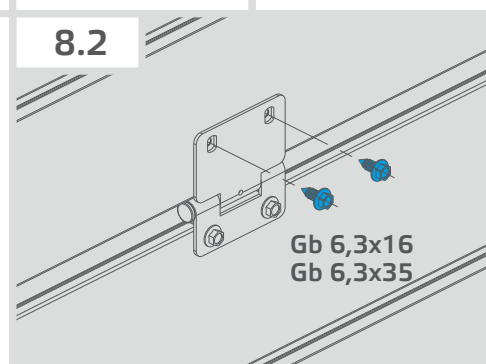
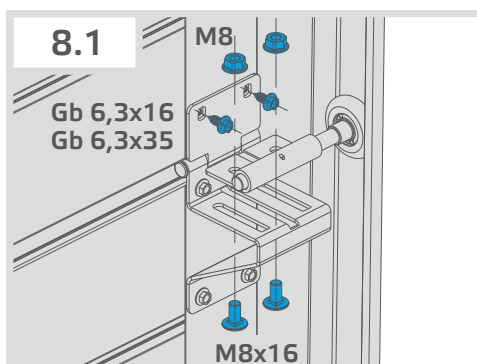
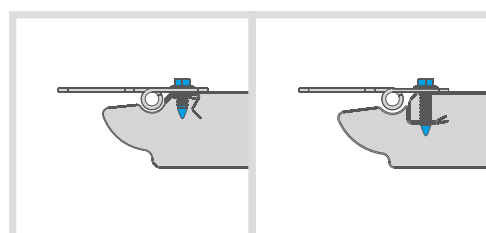
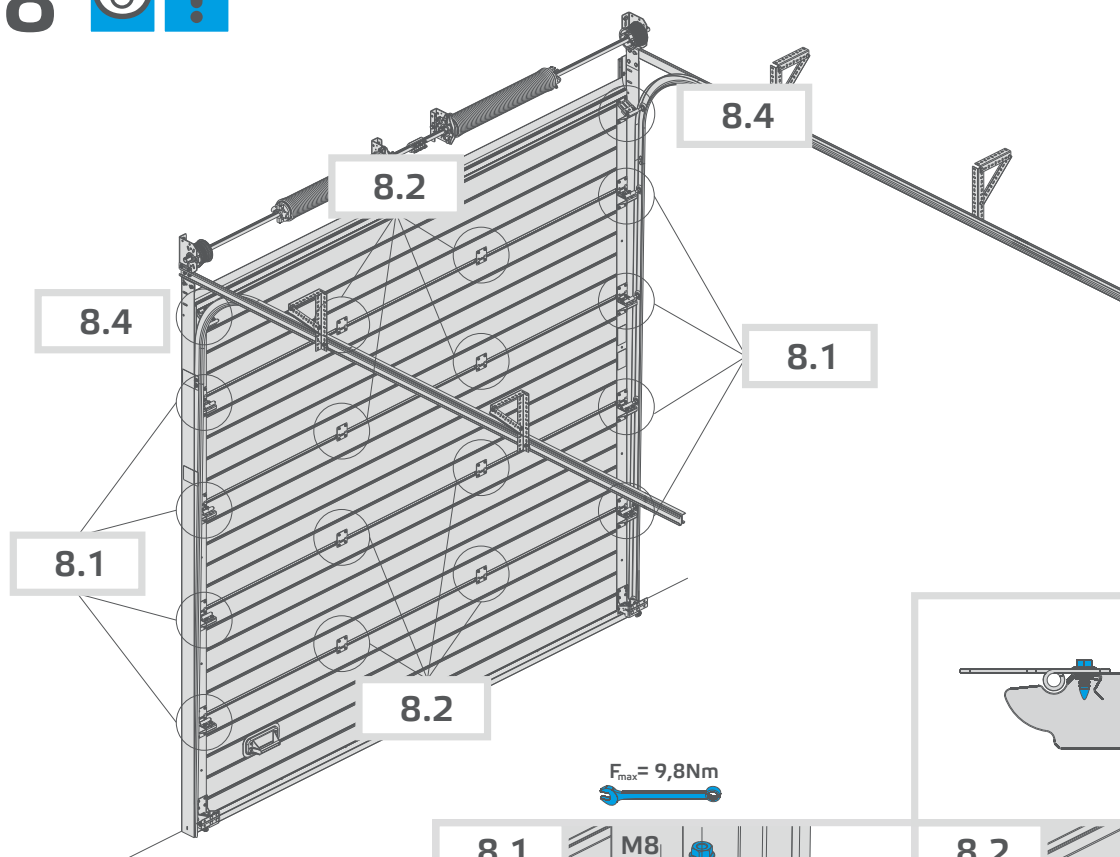


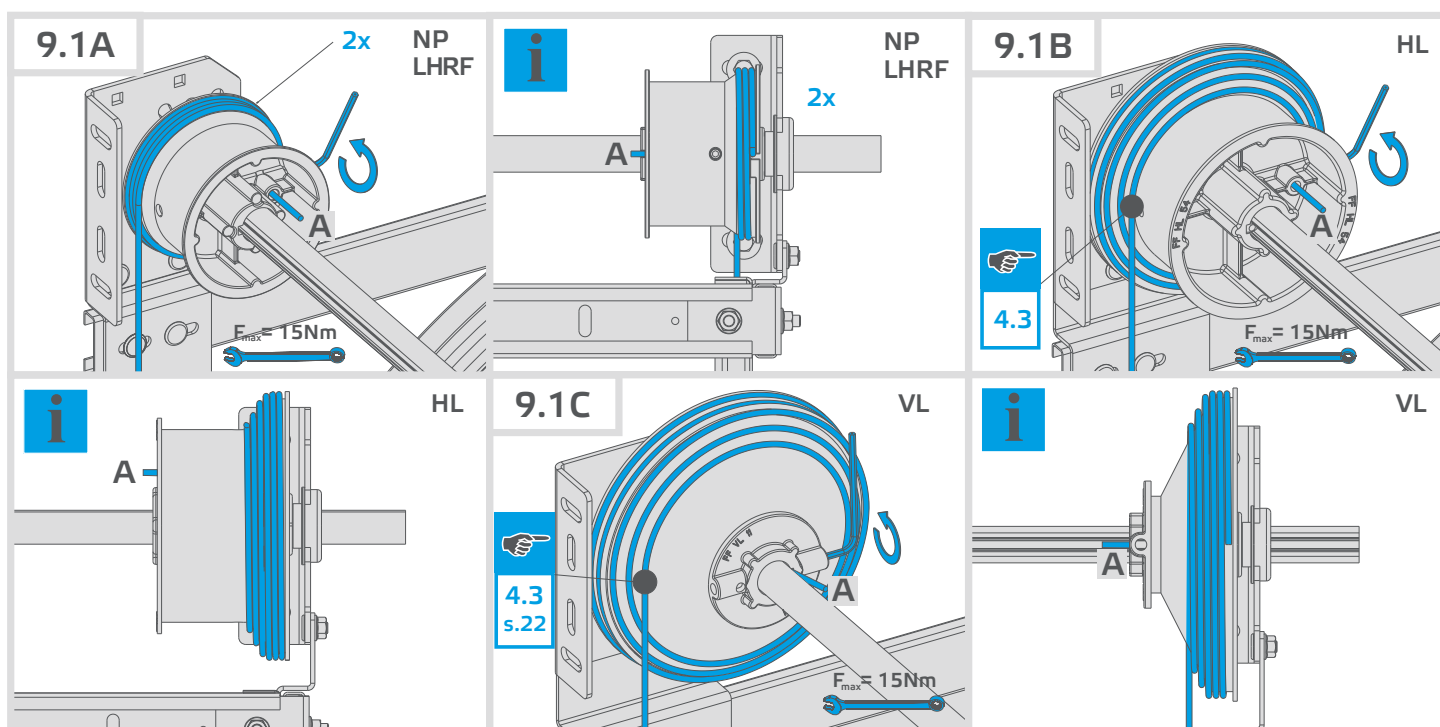
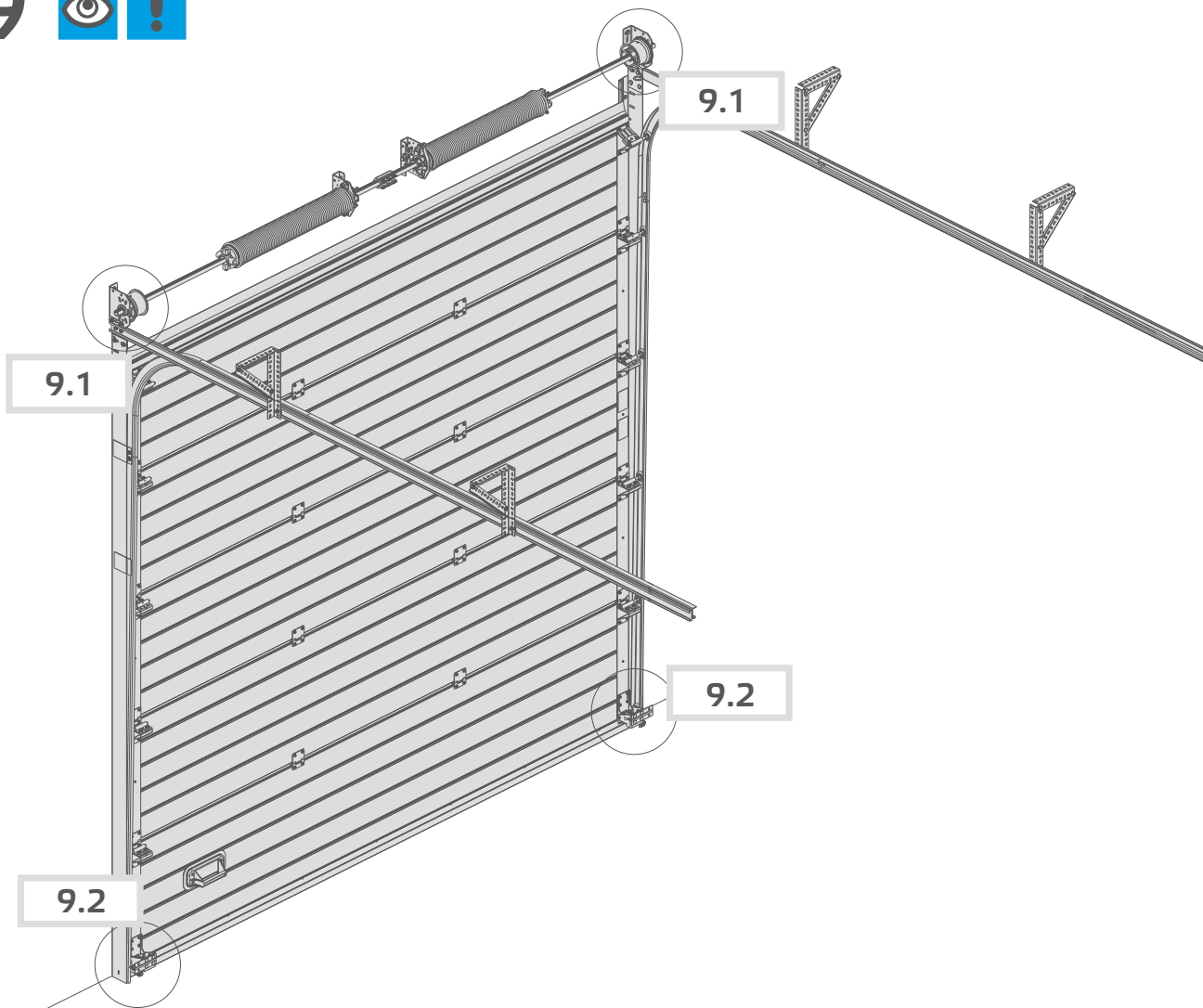
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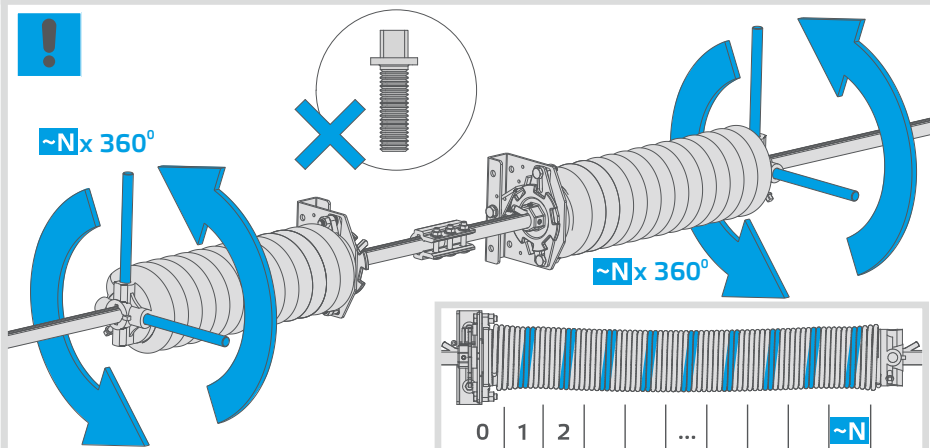
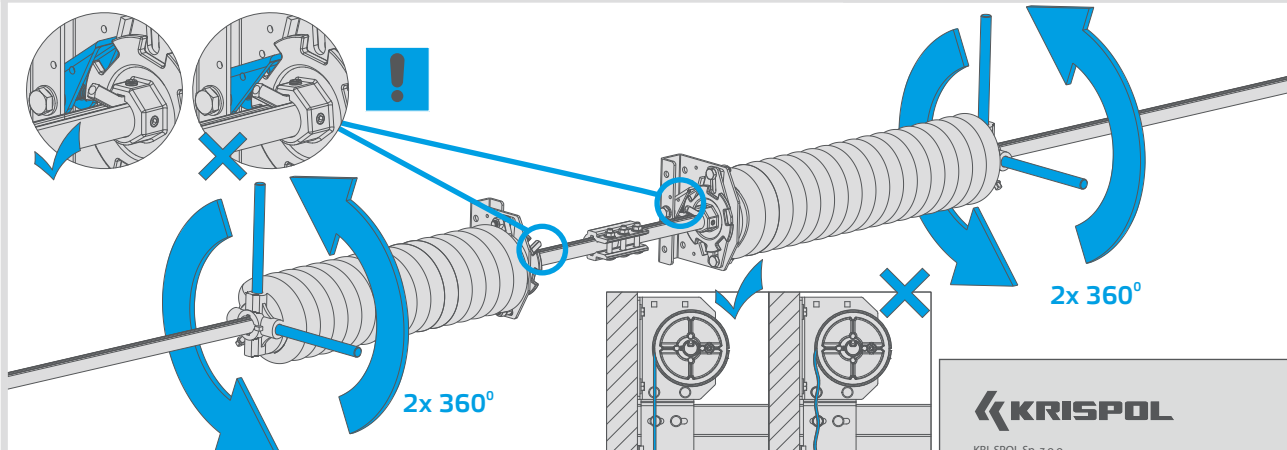
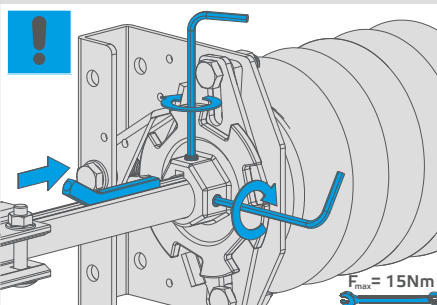


$F_{max} = 9,8Nm$









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ul. Budowlana 1, Psary Małe
62-300 Września, Polska

data produkcji
production date

XXXX-XX-XX

K2 IL

Brama segmentowa przemysłowa-sekcje stalowe
Industrial sectional door: steel sections

nr seryjny
serial number

XXXX

waga kuryny
weight of armature

XXX.X kg

naciąg sprężyn
spring turns

~N

odporność na obciążenie wiatrem
resistance to wind load

klasa/class 1

odporność na przenikanie wody
water tightness

klasa/class 1

przepuszczalność powietrza
air permeability

klasa/class 1

przenikalność cieplna
thermal resistance

U= 1,0 W/(m²/K)

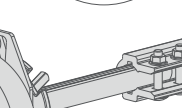
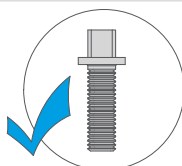
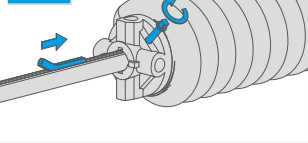
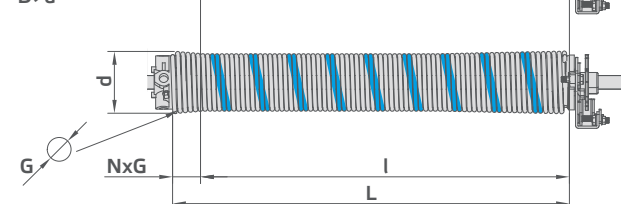
EN 13241-1



(89/106/EWG)

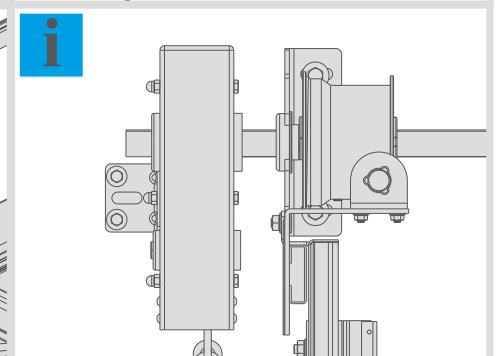
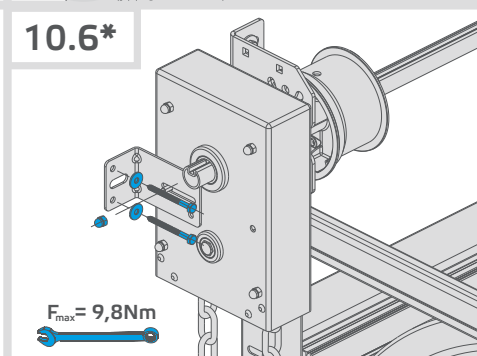
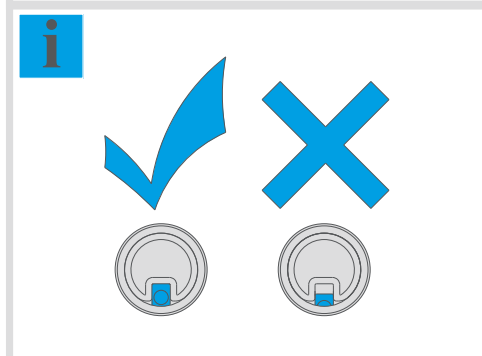
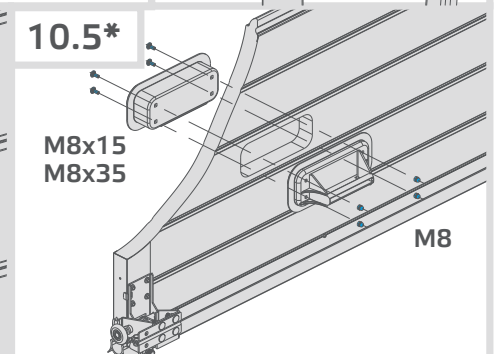
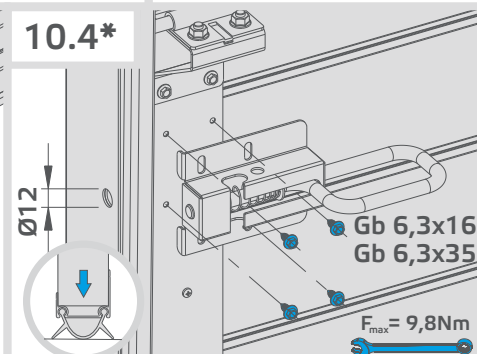
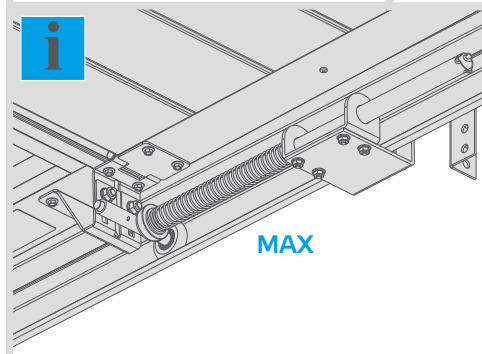
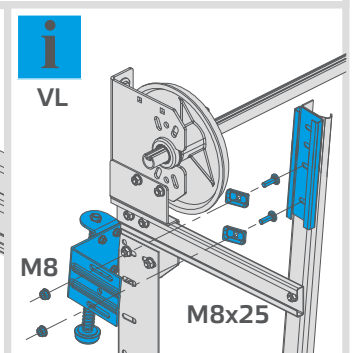
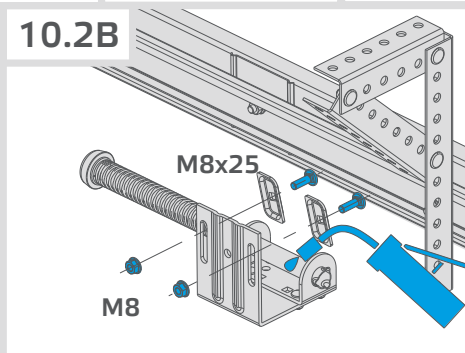
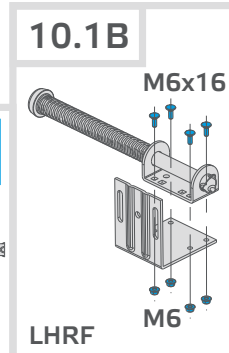
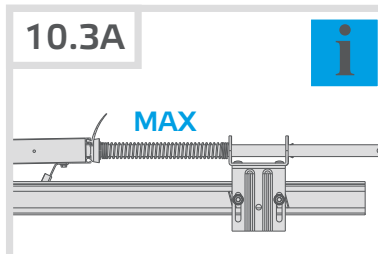
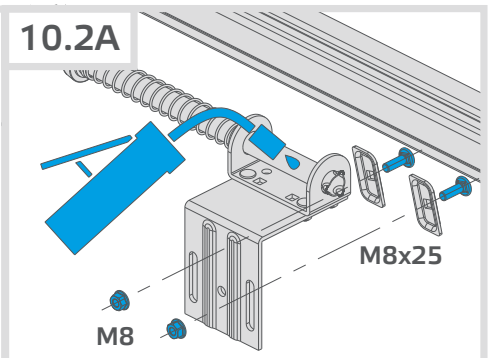
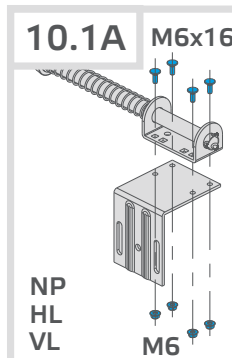
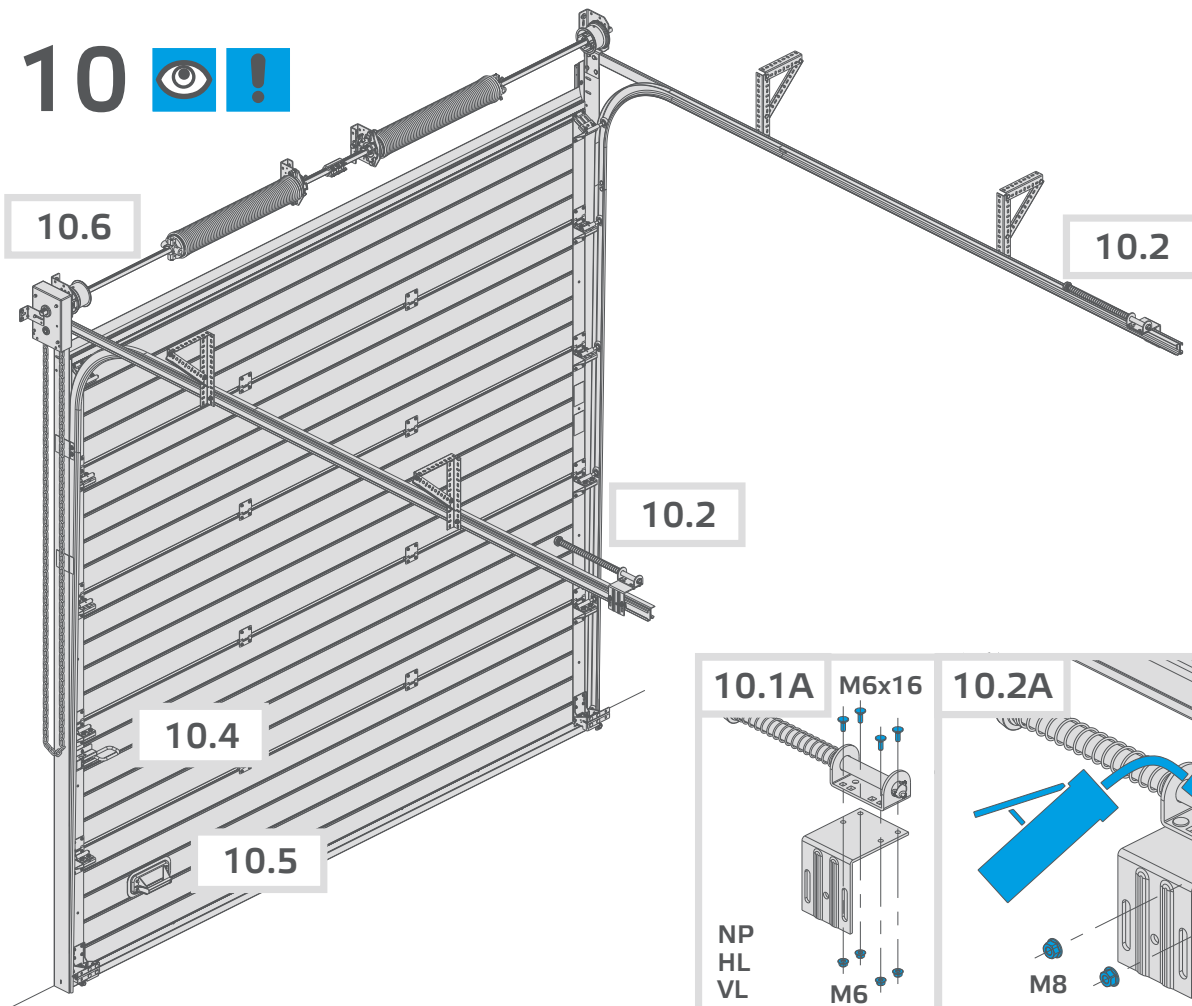


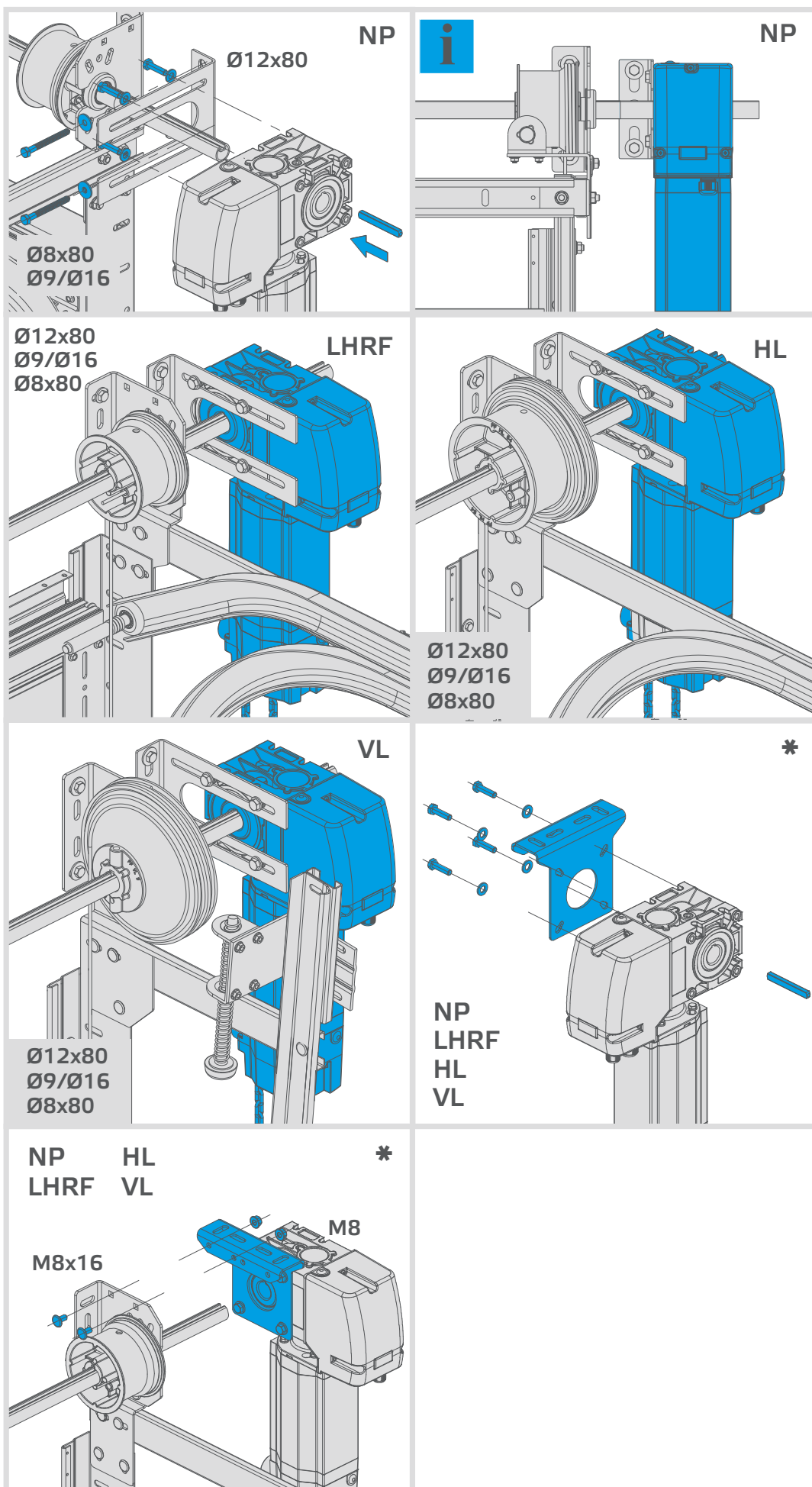
D > d



F_max = 15Nm

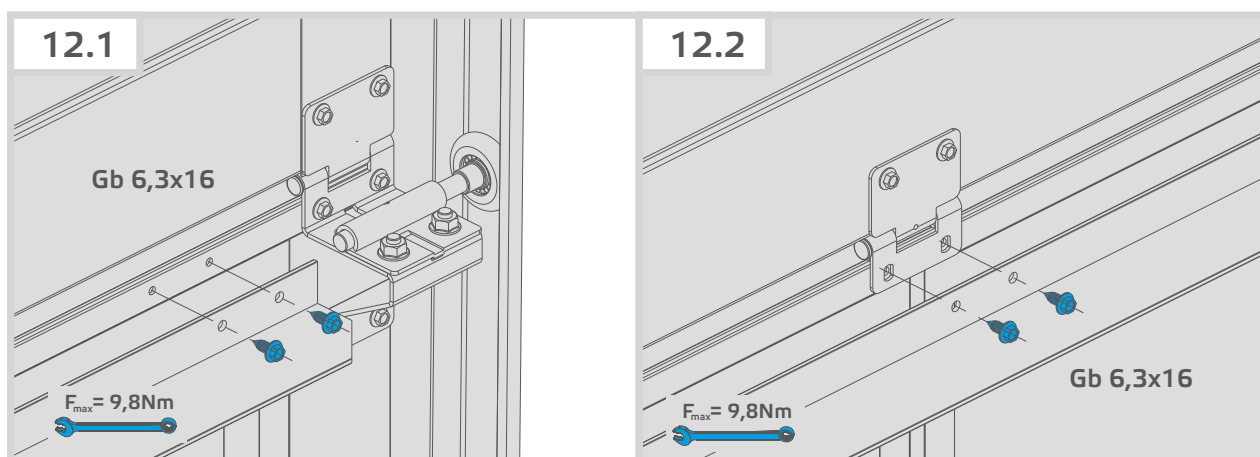
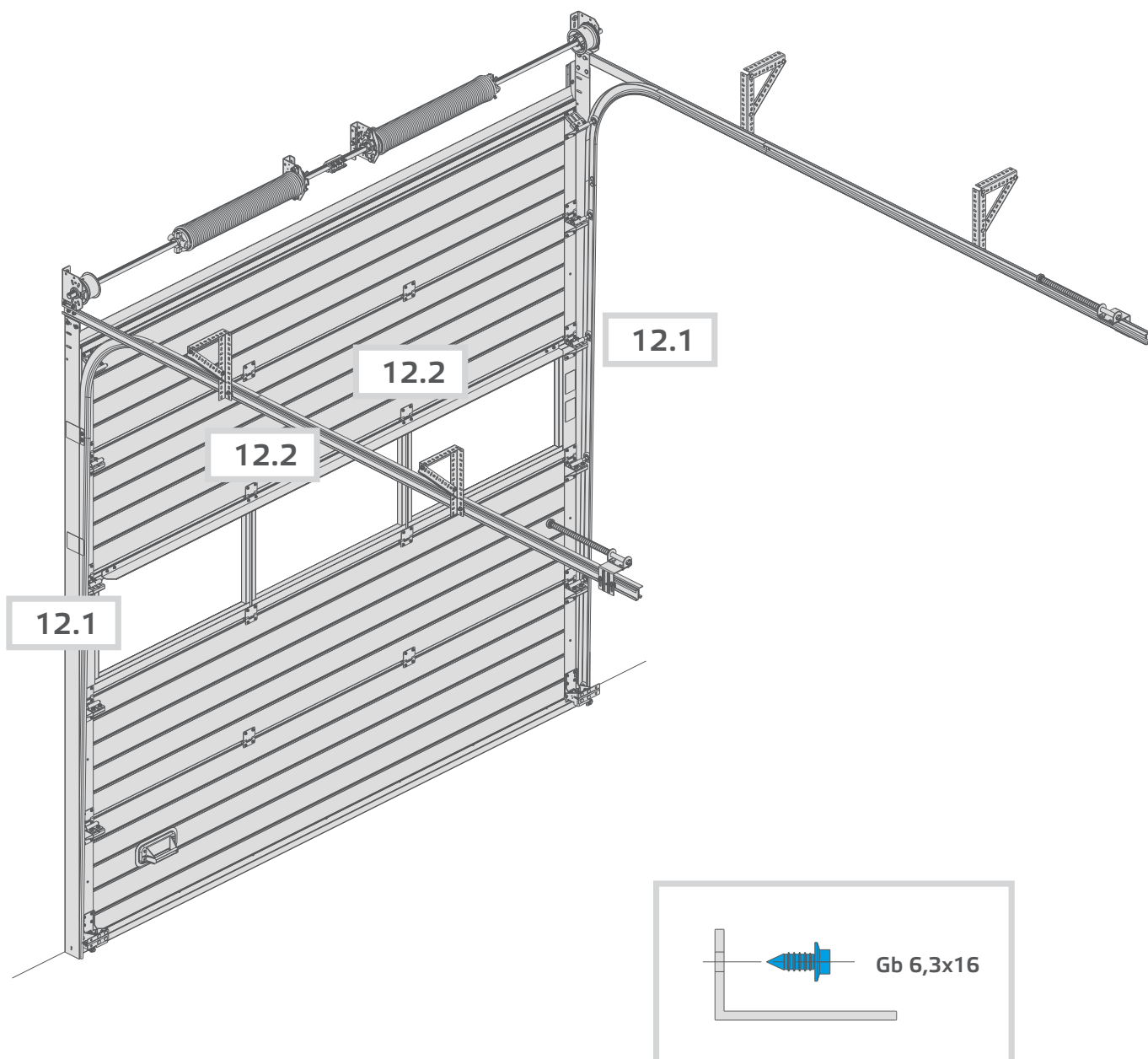
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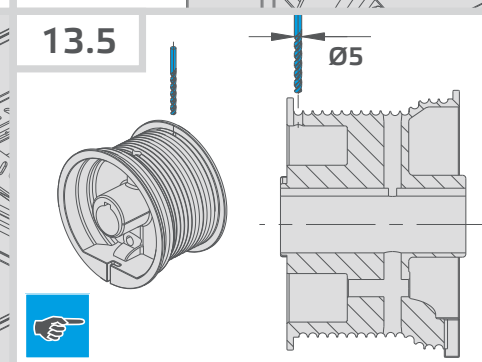
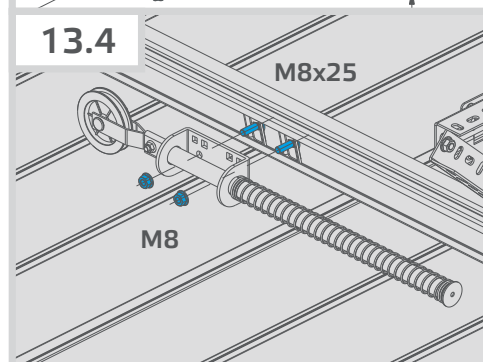
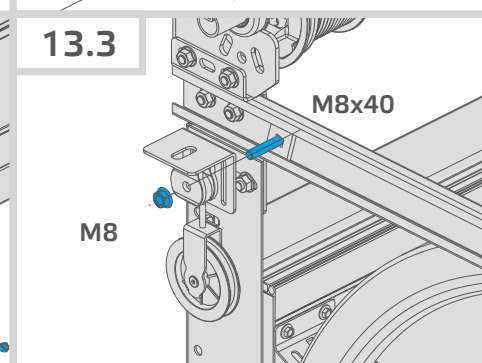
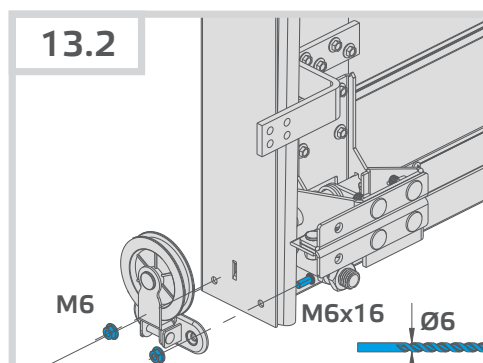
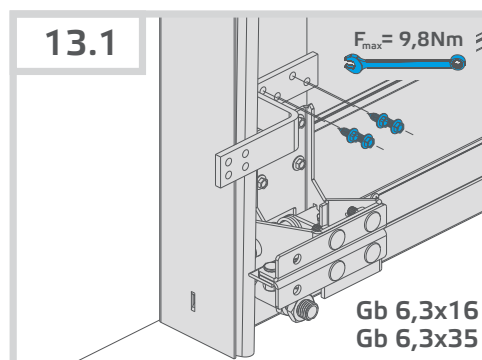
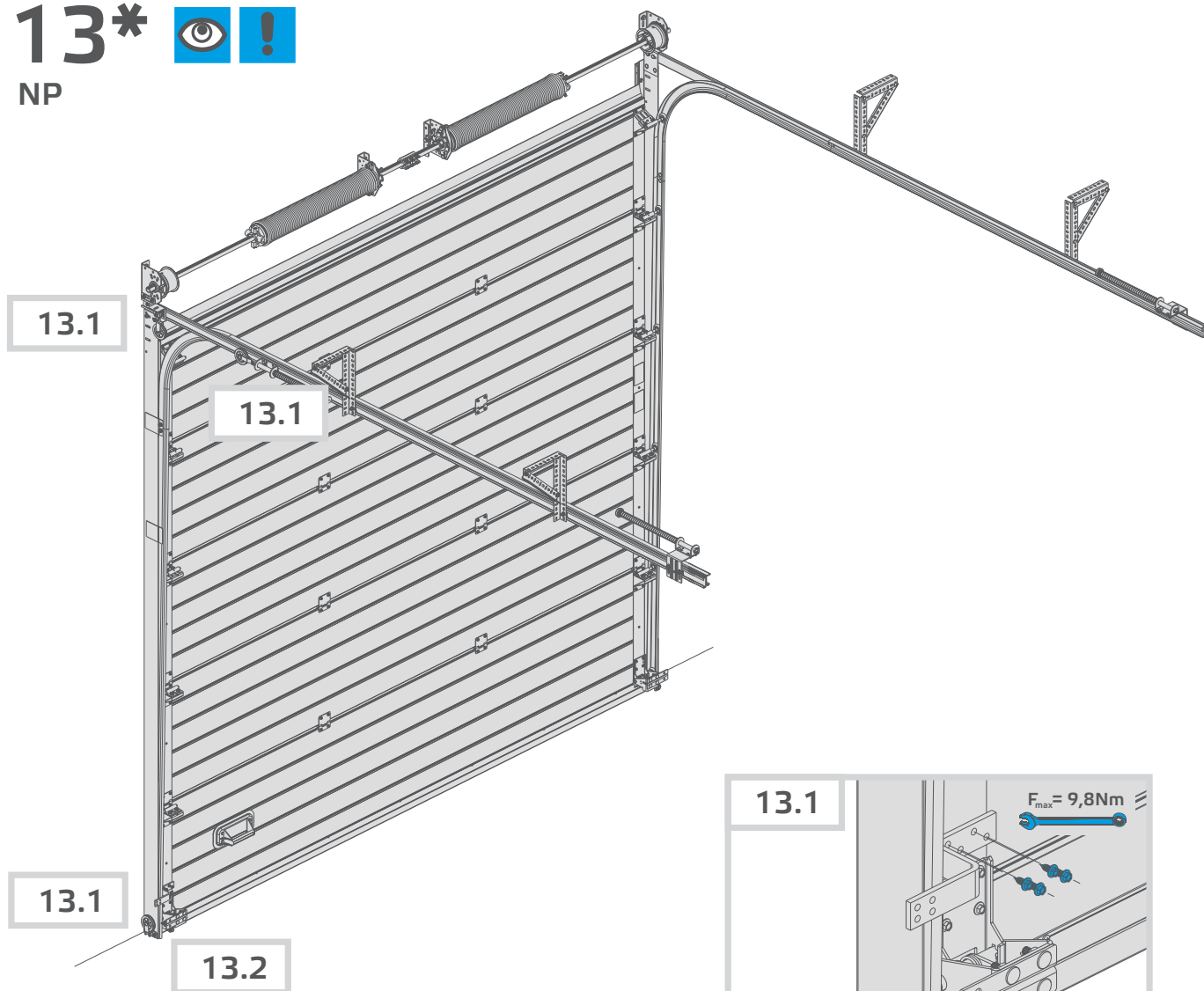


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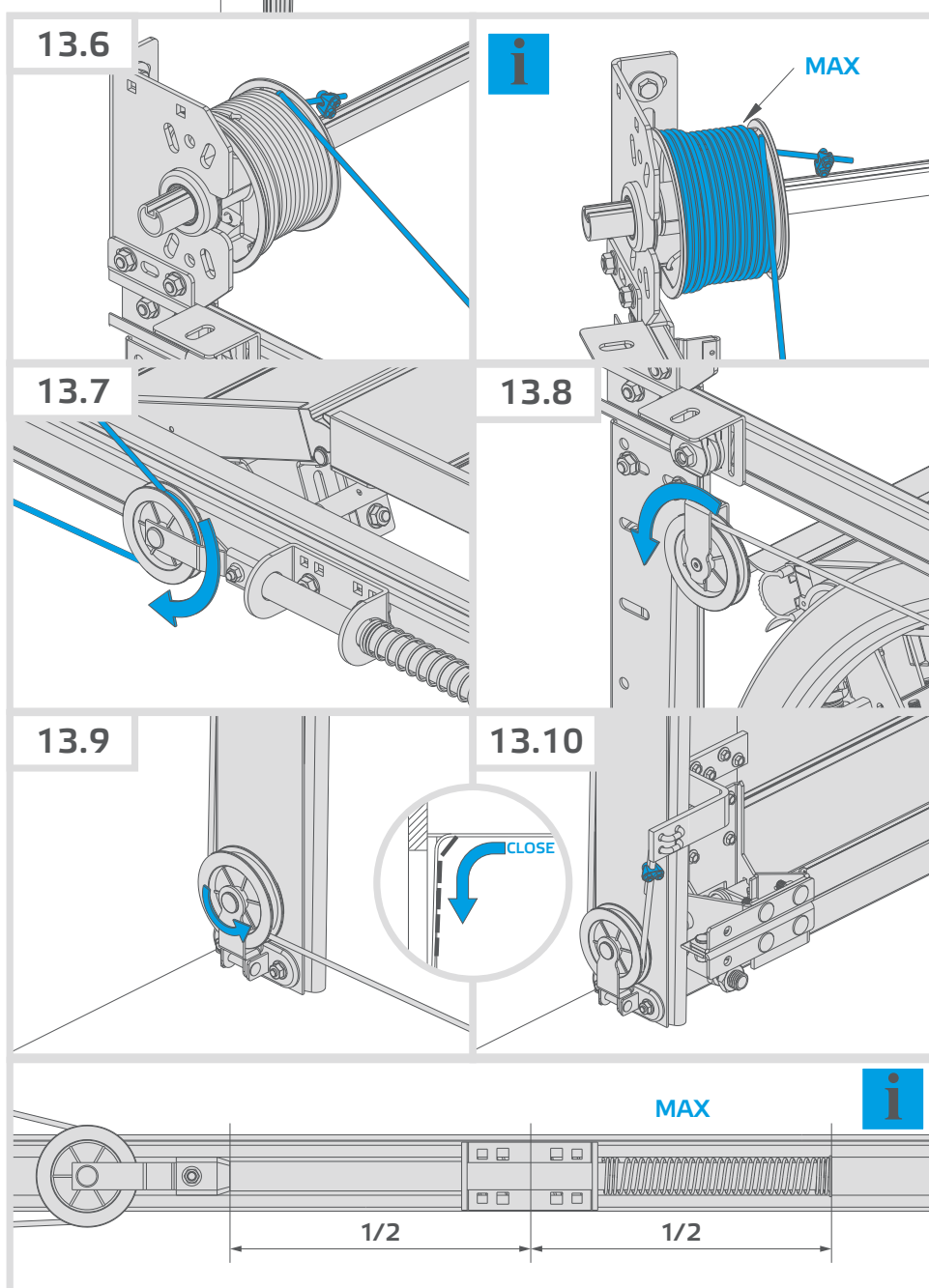
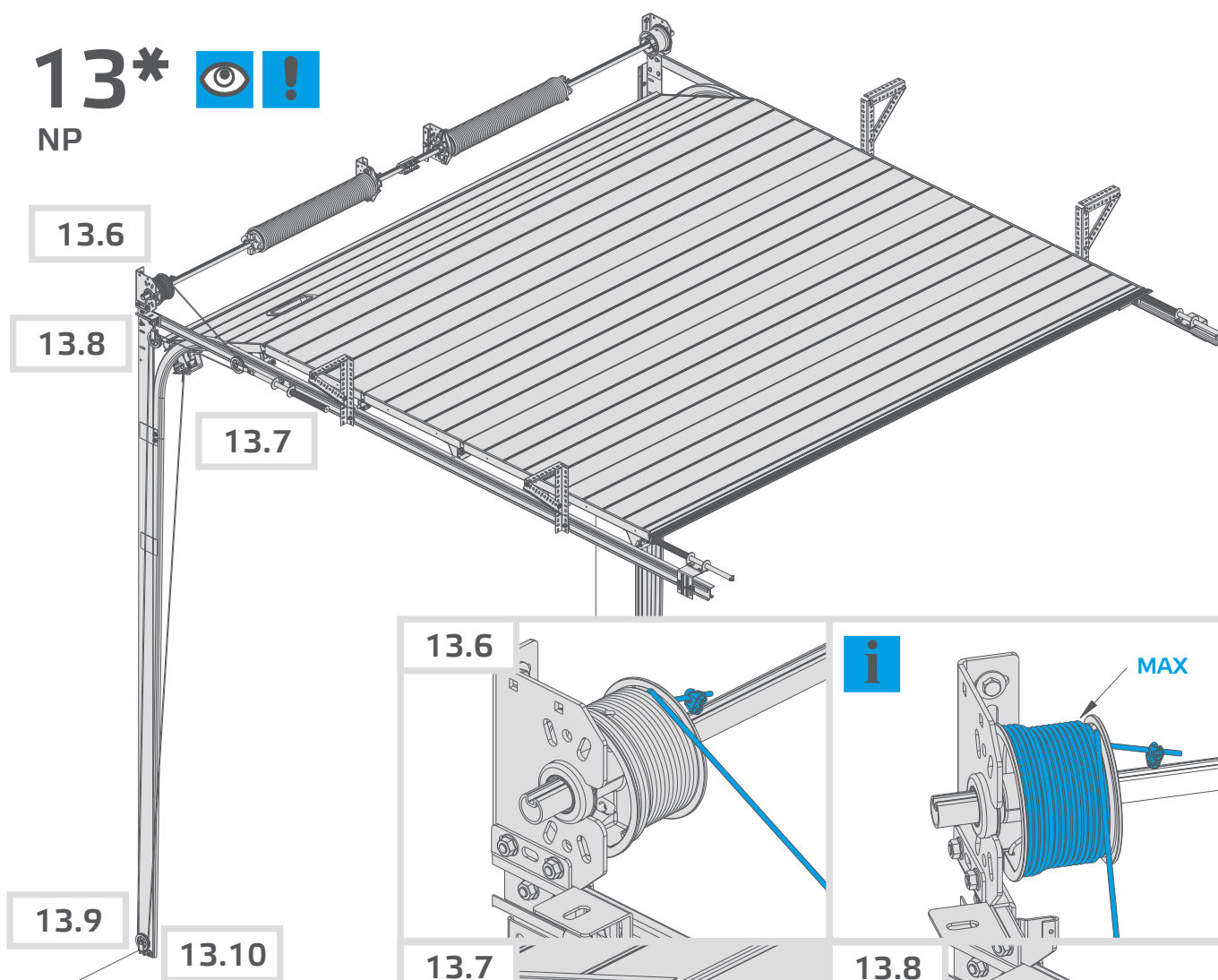
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NP

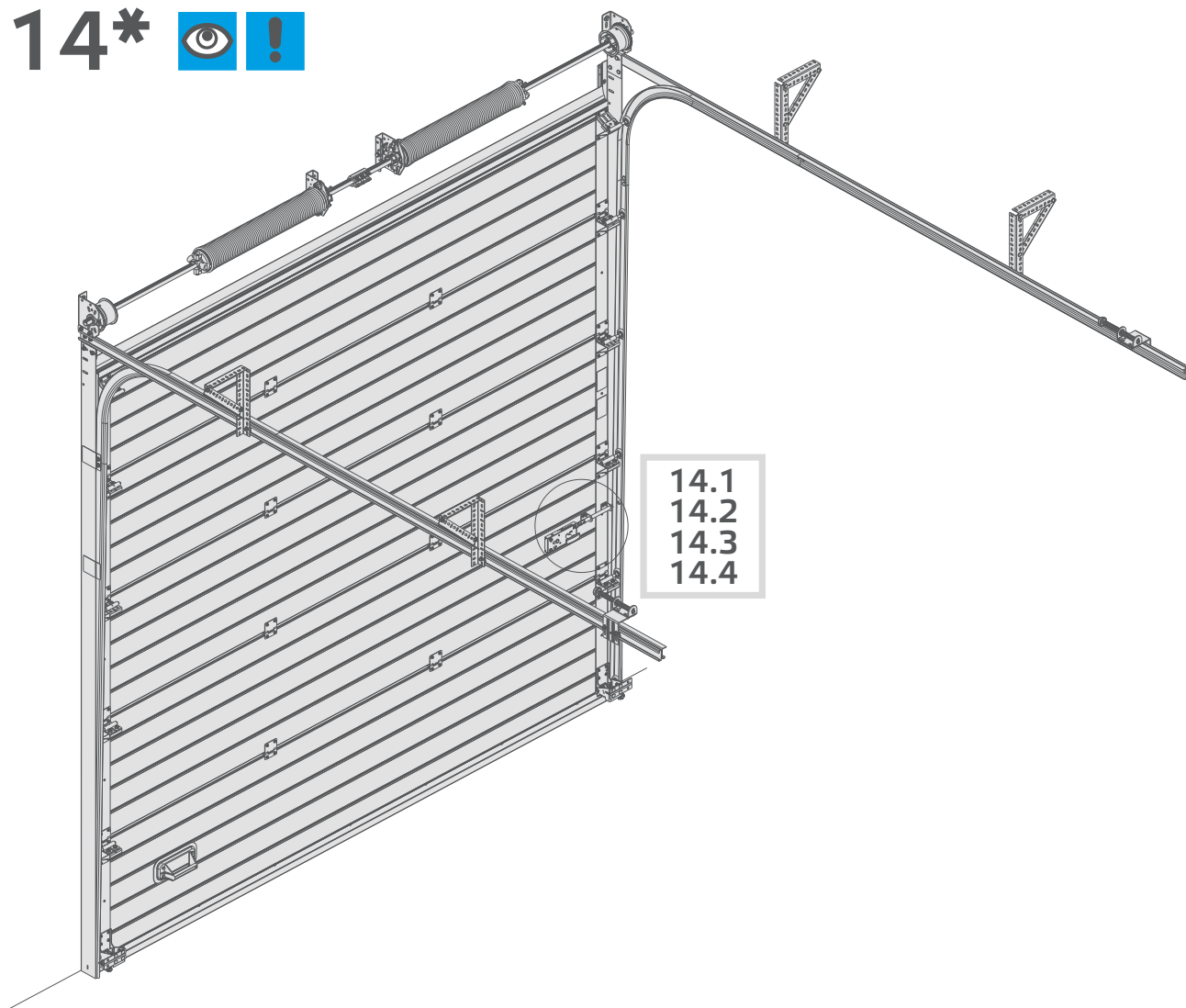


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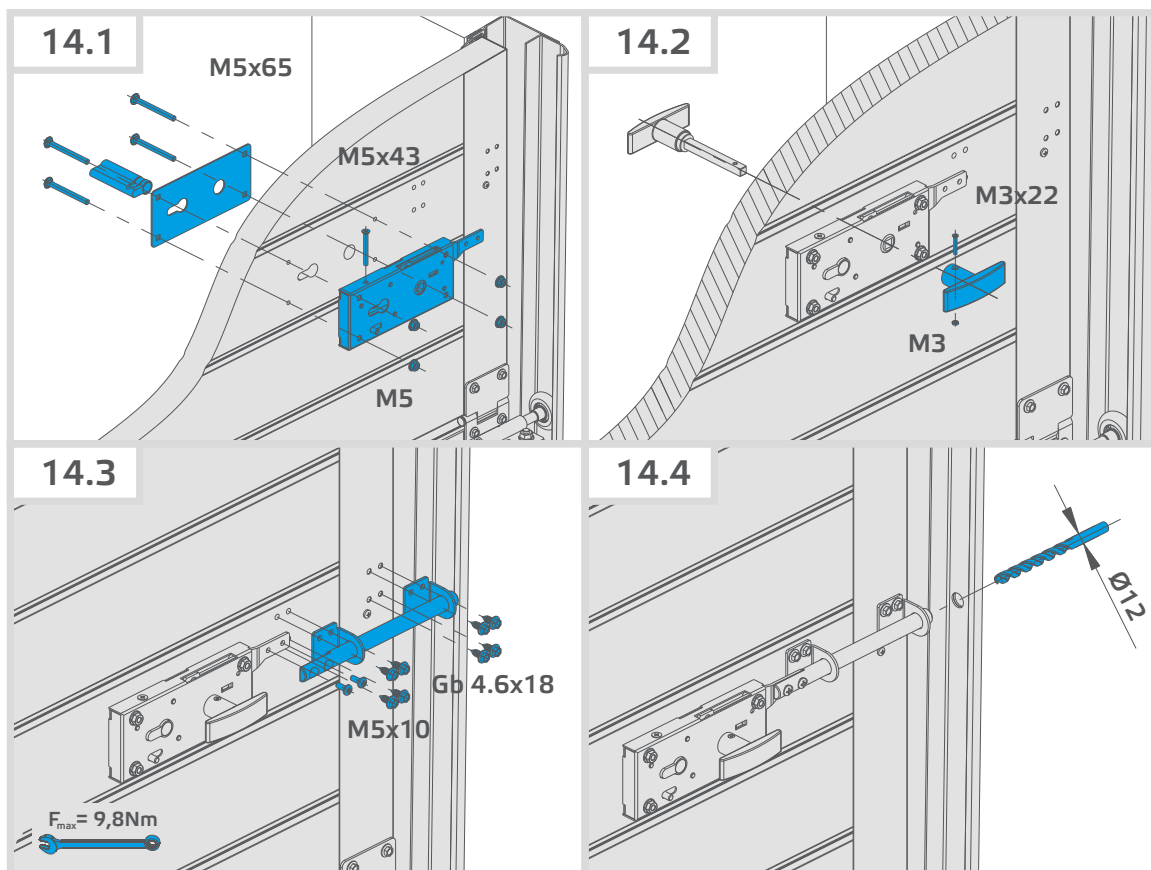
NP



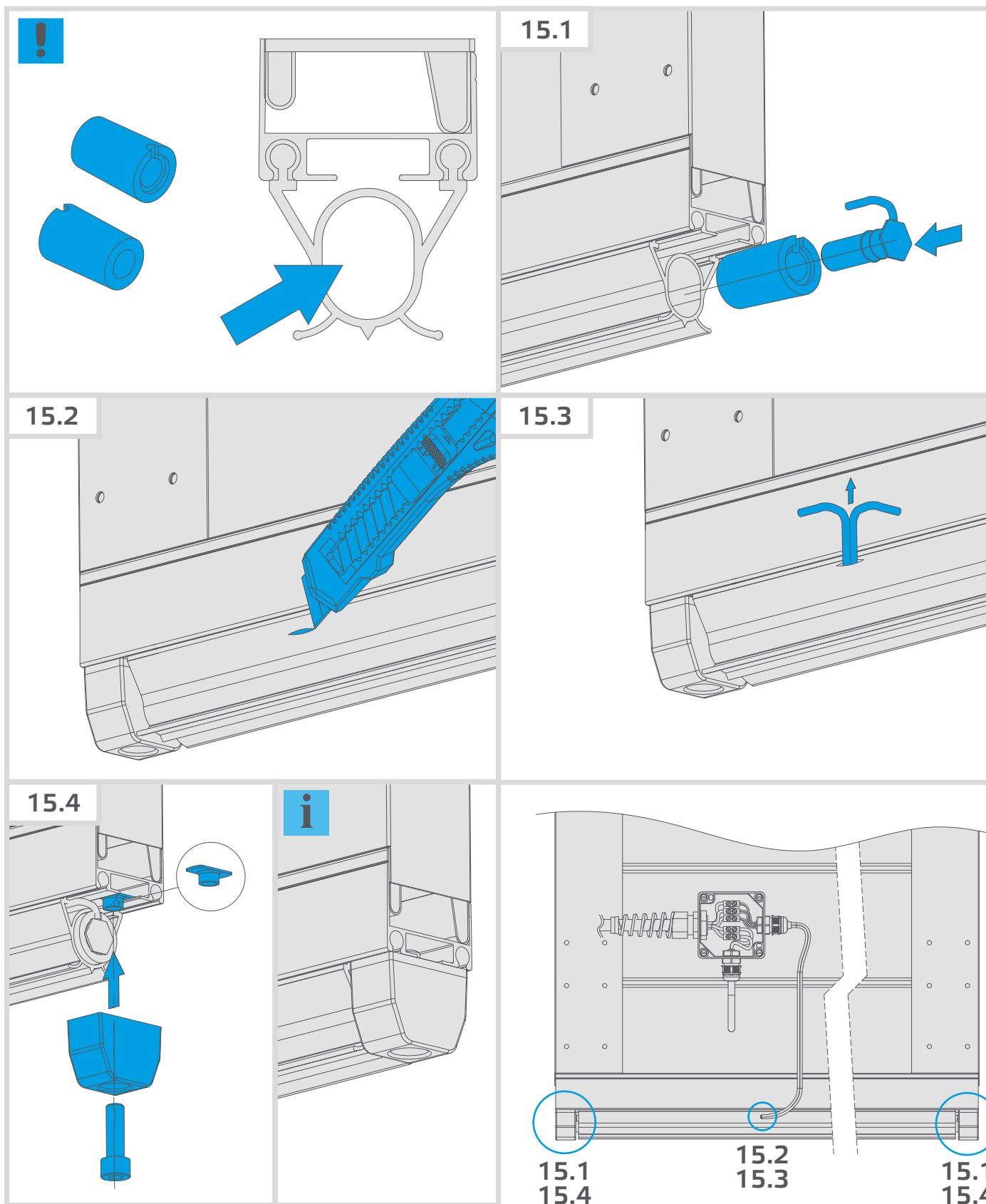
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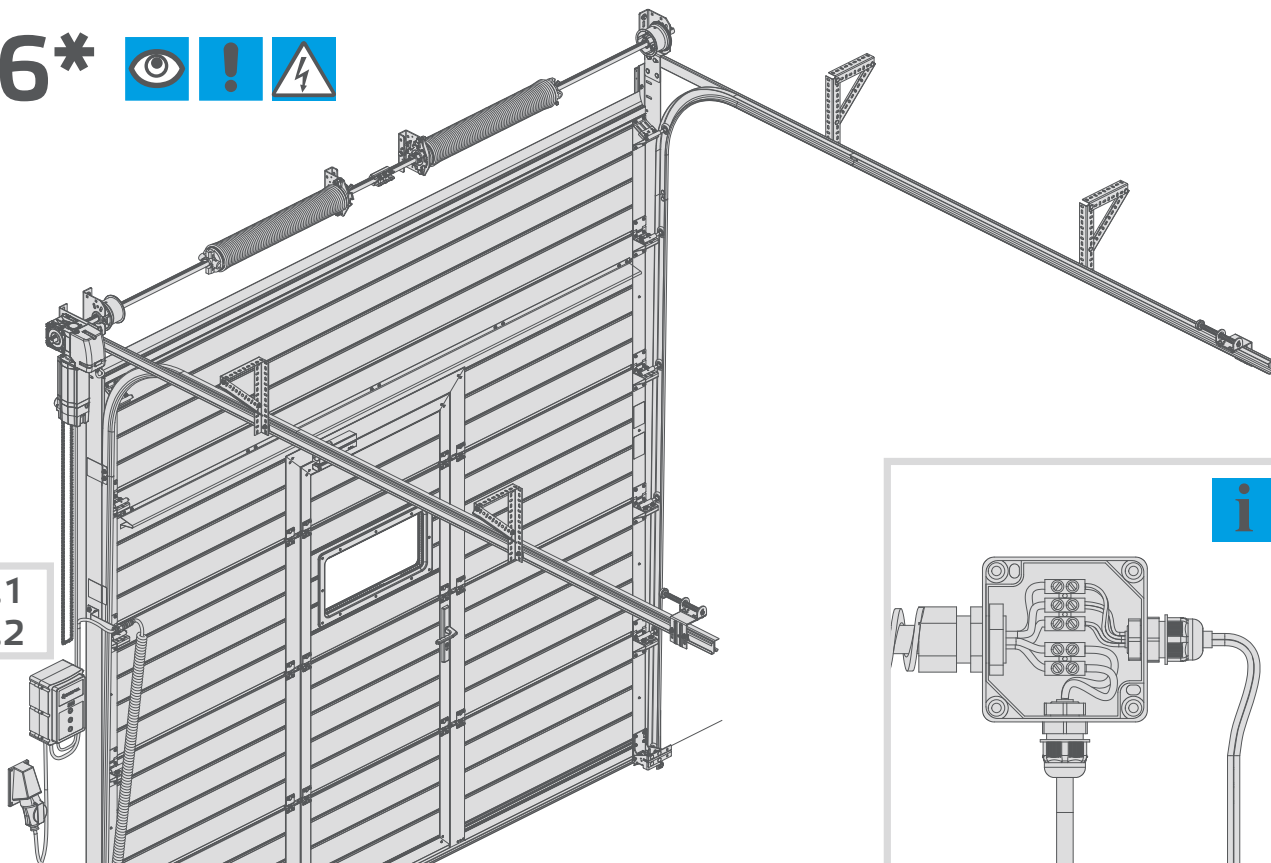
14.1
14.2
14.3
14.4



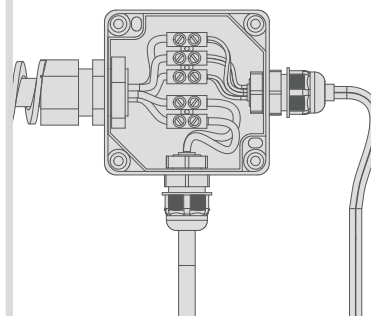
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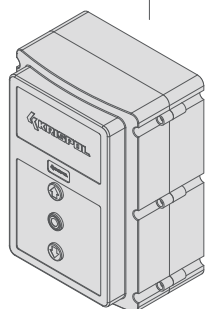
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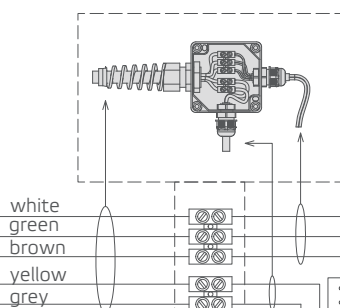
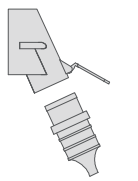
16.1
16.2



X4



X3

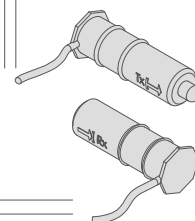
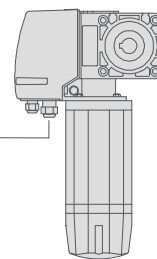


white
green
brown
yellow
grey

white
green
brown



yellow



white: biały
green: zielony
brown: brązowy
yellow: żółty
grey: szary

16.1

Ø8

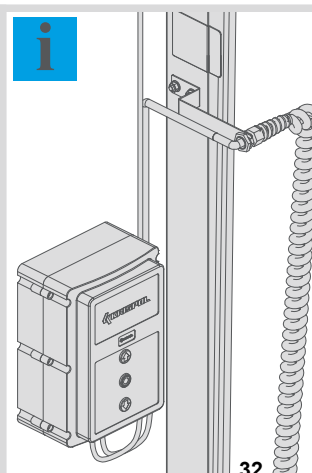
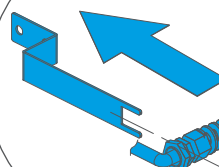
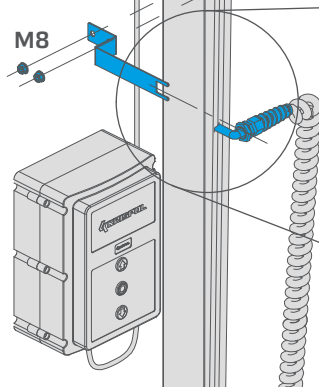


1/2H

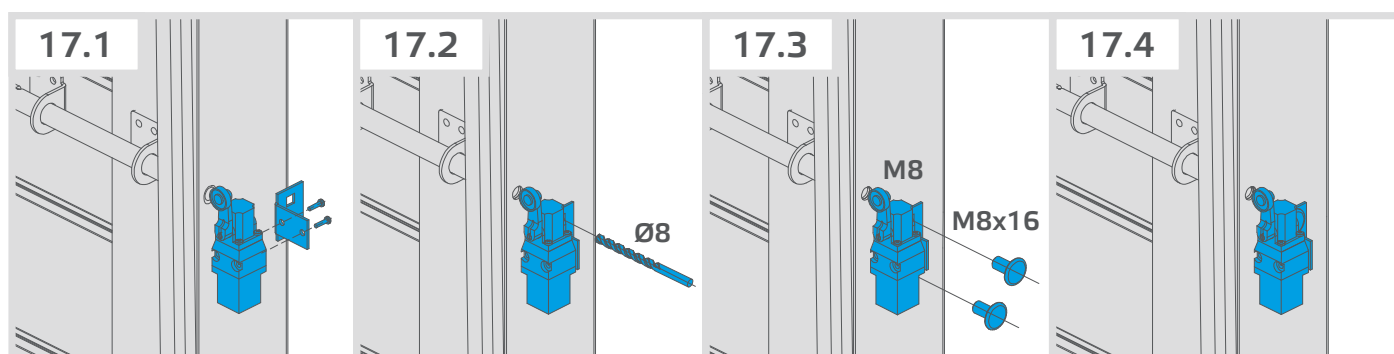
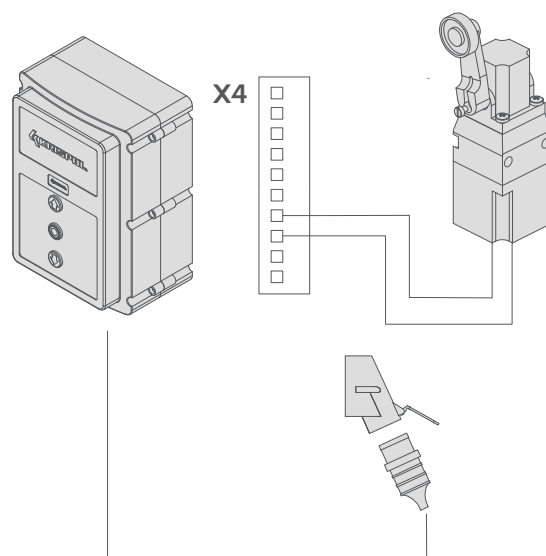
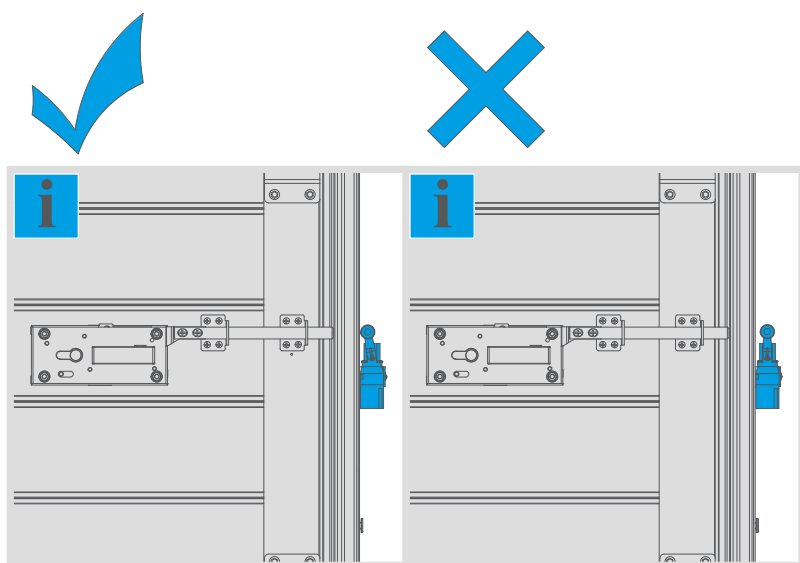
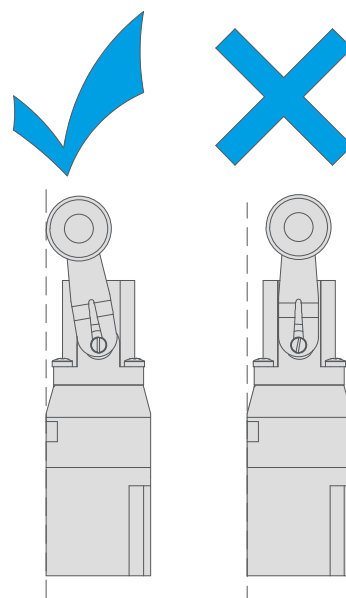
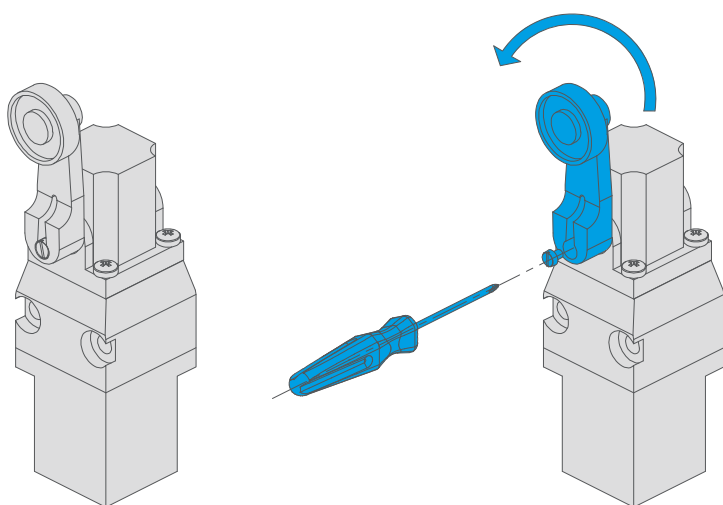
16.2

M8

M8x16



17*
















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