

GB

**Assembly instructions  
for sectional doors with  
angle frames**

- sectional door  
with finger guard profile
- with front spring shaft
  - with rear spring shaft

**Types: S · ISO**

**novoferm®**

**Montage-,  
Bedienungs- und  
Wartungsanleitung  
für Sektionaltore  
mit Winkelzarge**

**Baureihe**

**45-1**

**Sektionaltor**

**mit Fingerklemmschutzprofil**

- mit vornliegender Torsionsfederwelle
- mit hintenliegender Torsionsfederwelle

**Typen S · ISO**

Ein Produkt aus dem Hause Novoterm GmbH

F

**Notice de pose pour portes  
sectionnelles à huisserie à  
husserie cornière**

porte sectionnelle avec  
profil anti-pince doigts

- avec ressorts de torsion à l'avant  
des rails de guidage
- avec ressorts de torsion à l'arrière  
des rails de guidage

**Types: S · ISO**

NL

**Montagehandleiding  
voor sectiedeuren  
met hoekkozijn**

Sectiedeuren  
met vingerknelbeveiliging

- met voorliggende torsieveer
- met achterliggende torsieveer

**Types: S · ISO**

**novoferm®**





















**10-year manufacturer's guarantee on sectional doors Novoferm E®, types S • ISO , with torsion springs (front-mounted -VL-, rear-mounted -HL- )**

In addition to our guarantee obligation defined in our Terms of Sale and Delivery, the aforesaid sectional doors are covered by a 10-year manufacturer's guarantee or 50,000 duty cycles.

Should the door or any part thereof prove defective due to material or production flaw or should such flaws seriously impair the door's usability, we will repair or replace at our discretion the defective door.

This guarantee does not cover damages caused by improper installation and mounting, improper commissioning and operation, insufficient maintenance, inappropriate or non-intended use as well as by any and all changes in the design and functionality of the sectional door. This guarantee exclusion also applies to damages caused by transport, force majeure, external influences or natural wear and tear as well as by extreme atmosphere conditions. This applies particularly to the primary lacquer coat .

Finish painting by the purchaser must be carried out in the case of wooden panels immediately before or after assembly at max. 20% humidity of the wood, in the case of steel panels with 3 months after delivery (according to VOB (German building contract procedure) part C, DIN 18.360/3.1.14).

Any unauthorised changes or modification to the operating parts or application of additional volumetric weight that the statutory multiple spring sets cannot counterbalance renders the guarantee void of any legal substance.

The Buyer undertakes to immediately inform in writing the Manufacturer of any defects and shall return the defective part or parts upon the Manufacturer's due request. The costs and expense of dismounting, mounting, freight and postage shall be borne by the Buyer. Should a complaint prove unjustified, the Buyer shall refund the Manufacturer the costs and expense incurred.

The aforesaid guarantee is valid only in conjunction with the paid invoice and commences with the day of delivery.













**10 ans de garantie d'usine sur les portes sectionnelles Novoferm E®,  
Types S • ISO , avec arbre à ressort à torsion  
(à l'avant – VL-, à l'arrière – HL)**

Outre la garantie définie dans nos conditions de vente et de livraison, nous accordons une garantie d'usine de 10 ans pour 50.000 cycles de fonctionnement maxi. sur les portes sectionnelles mentionnées ci-dessus.

S'il est prouvé que ces portes sectionnelles ou une partie de ces portes sont inutilisables ou ne peuvent être utilisées qu'avec des restrictions considérables en raison de vices de matériau ou de fabrication, nous les remettrons gratuitement en état ou nous fournirons une nouvelle porte et ce, à notre choix.

Nous déclinons toute responsabilité pour des dommages résultant de travaux d'installation et de montage défectueux, d'une mise en service incorrecte, d'une utilisation et d'un entretien non conformes aux instructions, d'une sollicitation non adéquate ainsi que de toutes modifications apportées à la construction de la porte sans autorisation préalable. Il en est de même pour les dommages subis pendant le transport ou dus à des cas de force majeure, à l'action de tiers ou à l'usure naturelle, ainsi qu'à des sollicitations atmosphériques particulières. Ceci est en particulier valable pour la couche d'apprêt.

Un traitement peinture finale par le maître d'oeuvre devra être effectué immédiatement avant ou après le montage avec une humidité du bois de max. 20% pour les tabliers en bois, pour des tabliers en acier dans les 3 mois suivant la livraison (selon VOB partie C DIN 18.360/3.1.14).

Nous déclinerons toute responsabilité après des modifications ou des remises en état de pièces fonctionnelles effectuées sans autorisation préalable ou la mise en place d'un poids de remplissage supplémentaire qui ne pourra plus être compensé par les ressorts à torsion prescrits.

Tout vice devra nous être signalé immédiatement par écrit; les pièces concernées devront nous être envoyées sur demande. Les frais de démontage et de montage, de fret et de port ne seront pas à notre charge. Si une réclamation s'avère être injustifiée, le client devra prendre nos frais en charge.

Cette garantie n'est valable qu'en liaison avec la facture acquittée et prend effet le jour de la livraison.





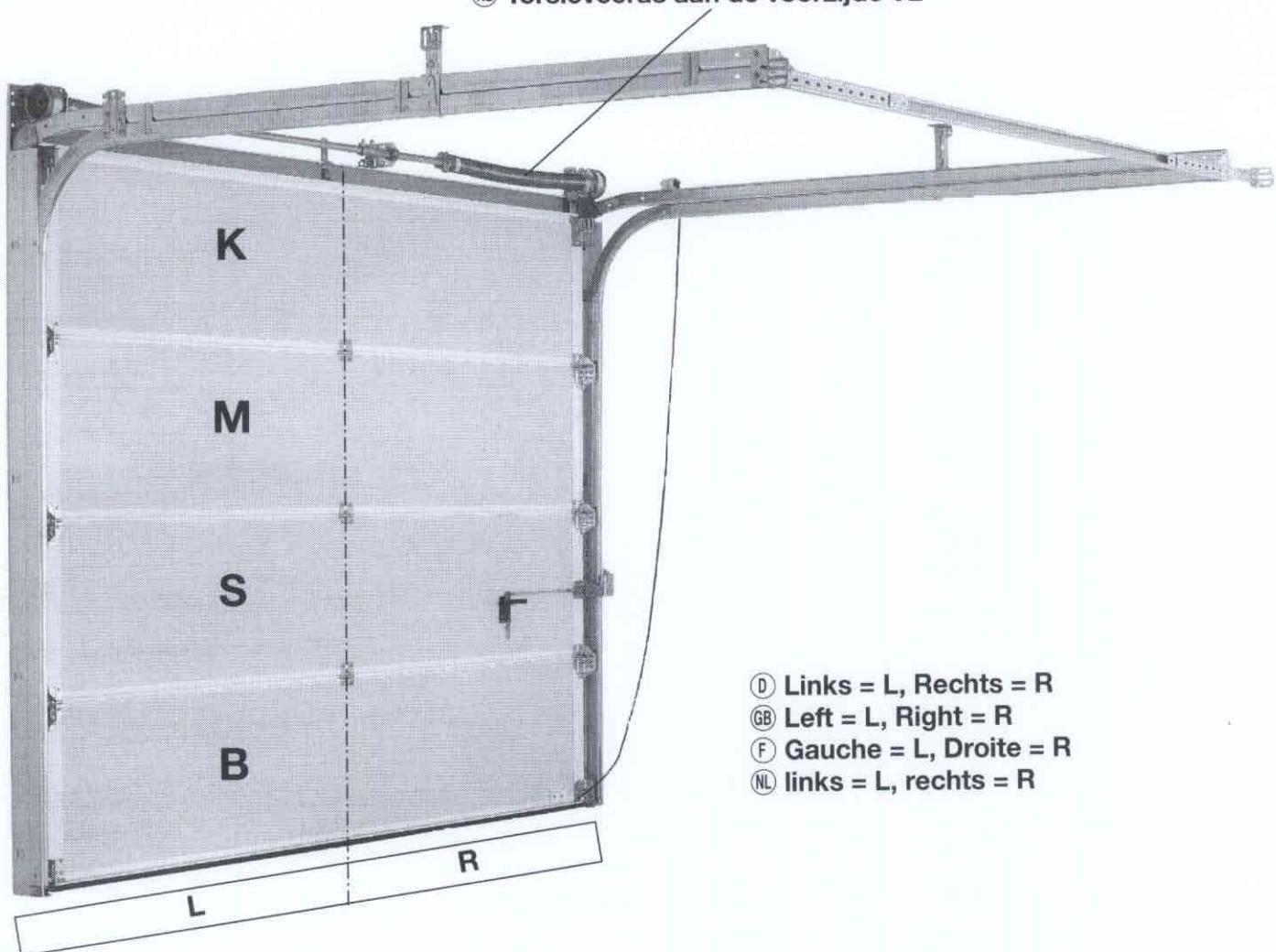








- ④ Torsionsfederwelle vorne liegend VL
- ④B Front-mounted torsion spring VL
- ④F Arbre à ressort à torsion à l'avant VL
- ④NL Torsieveeras aan de voorzijde VL



- ④ Links = L, Rechts = R
- ④B Left = L, Right = R
- ④F Gauche = L, Droite = R
- ④NL links = L, rechts = R

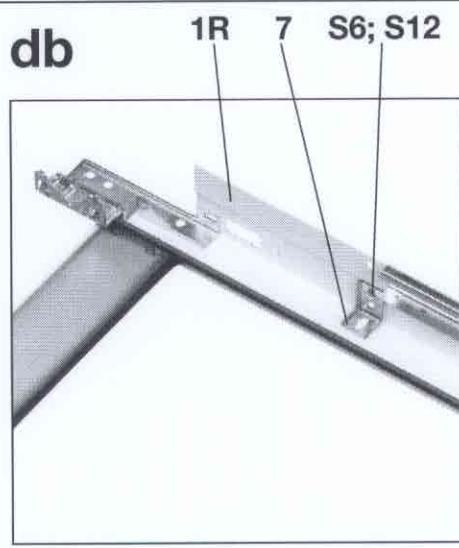
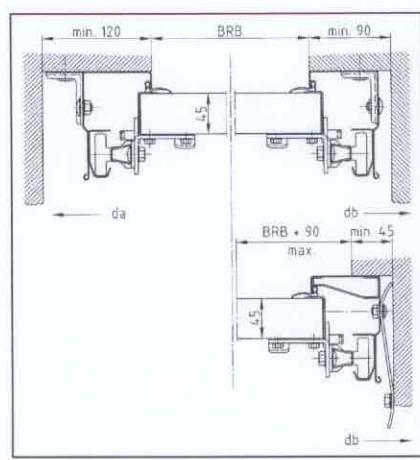
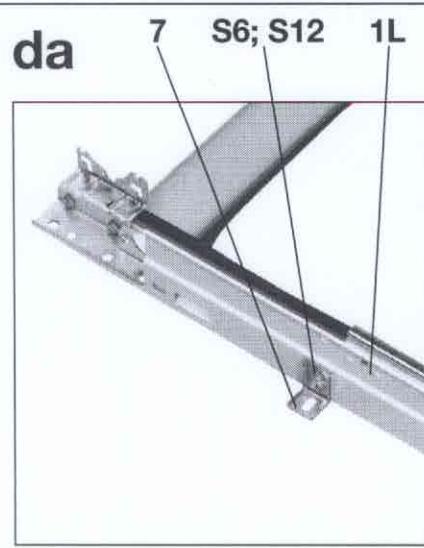
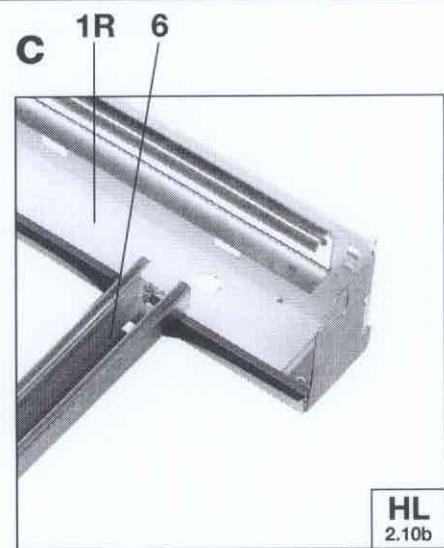
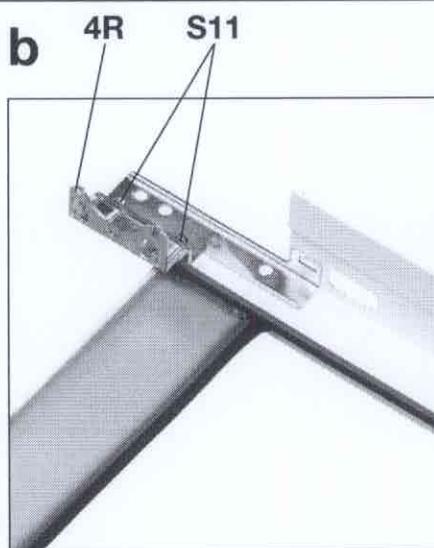
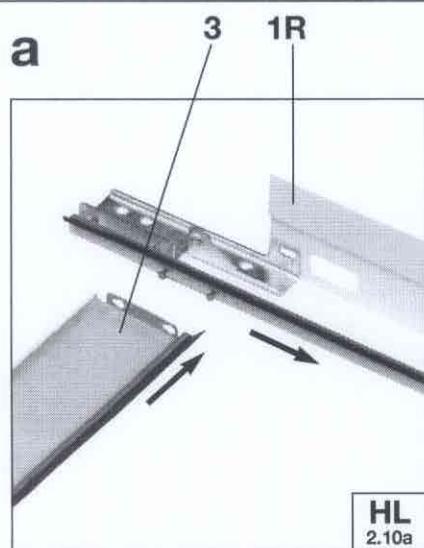
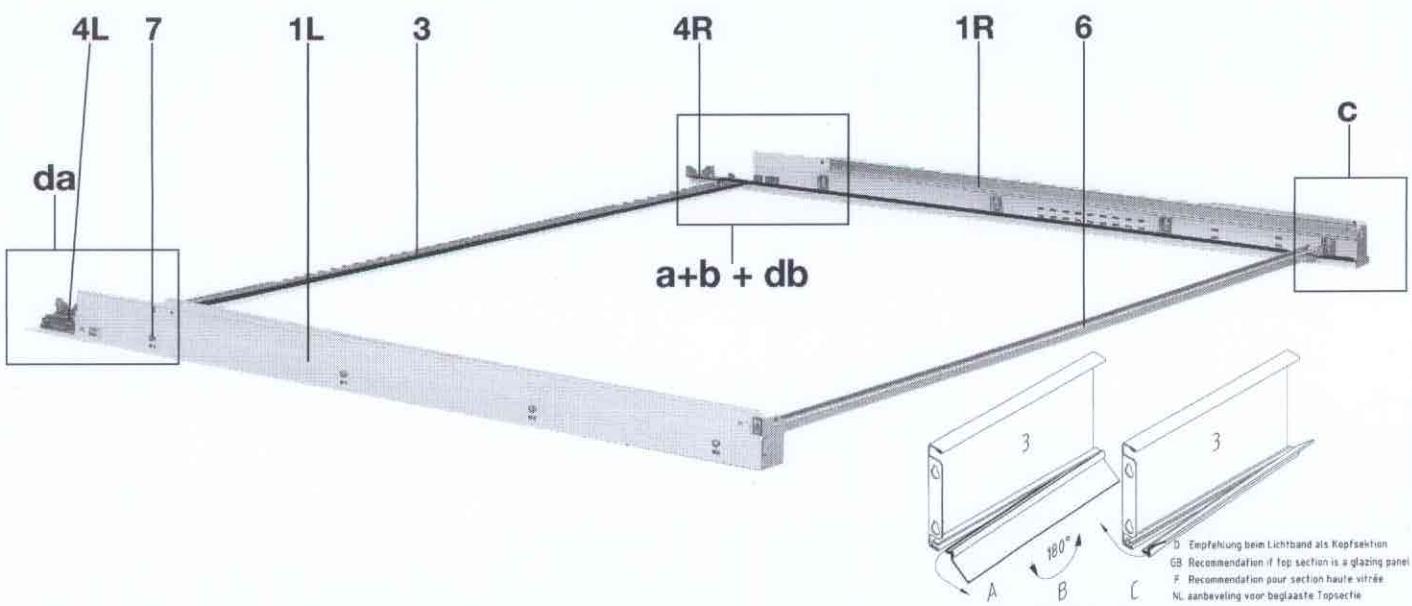
④ B = Bodensektion  
 S = Schloßsektion  
 M = Mittelsektion  
 K = Kopfsektion  
 HL = Kennzeichnung für abweichende Bilder,  
       Torsionsfederwelle hintenliegend

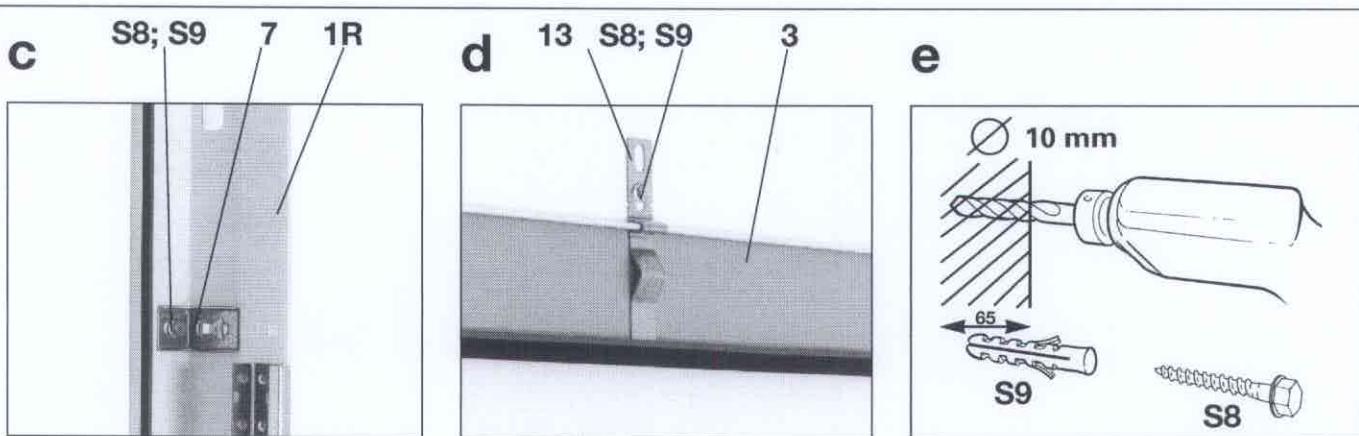
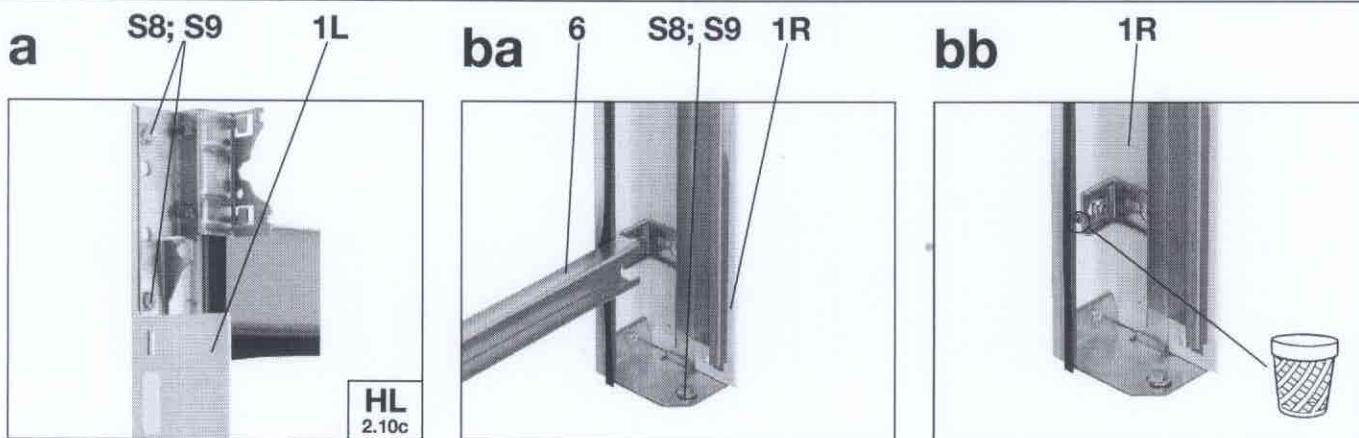
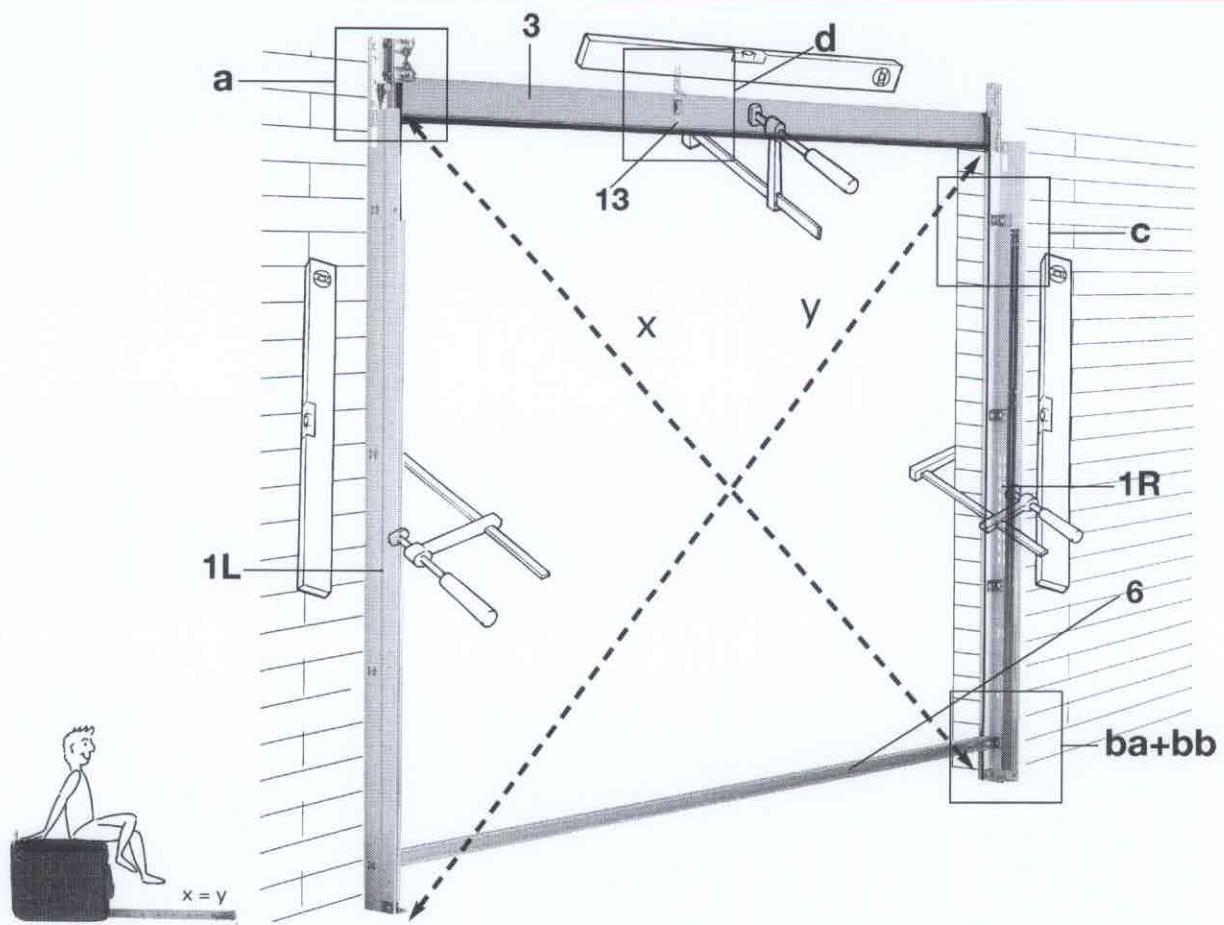
④ F B = section basse  
 S = section de serrure  
 M = section centrale  
 K = section haute  
 HL = Marquage pour configurations divergentes  
       arbre de ressort à torsion à l'arrière

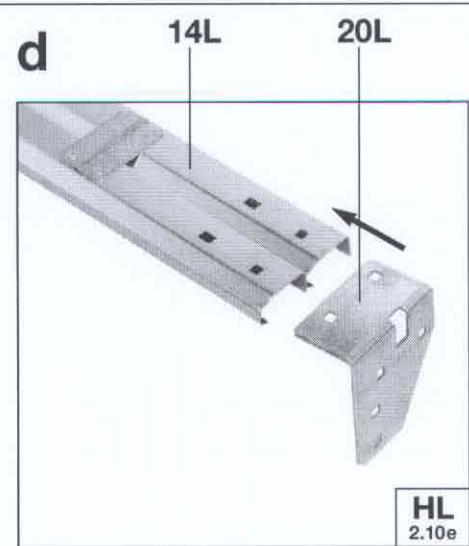
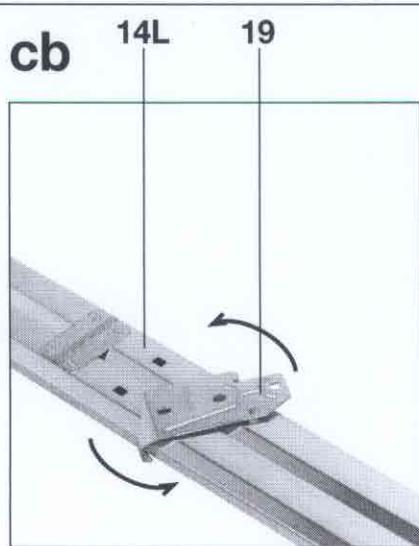
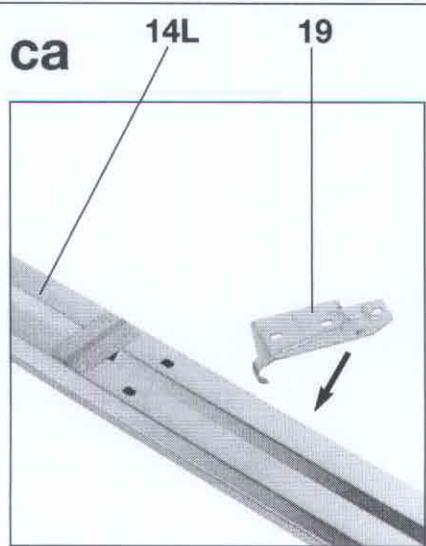
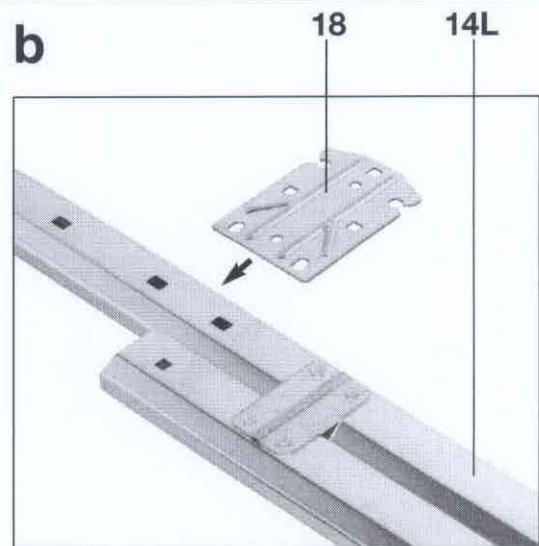
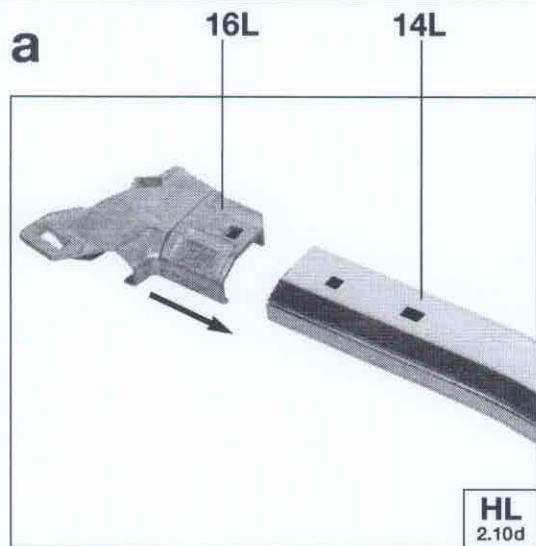
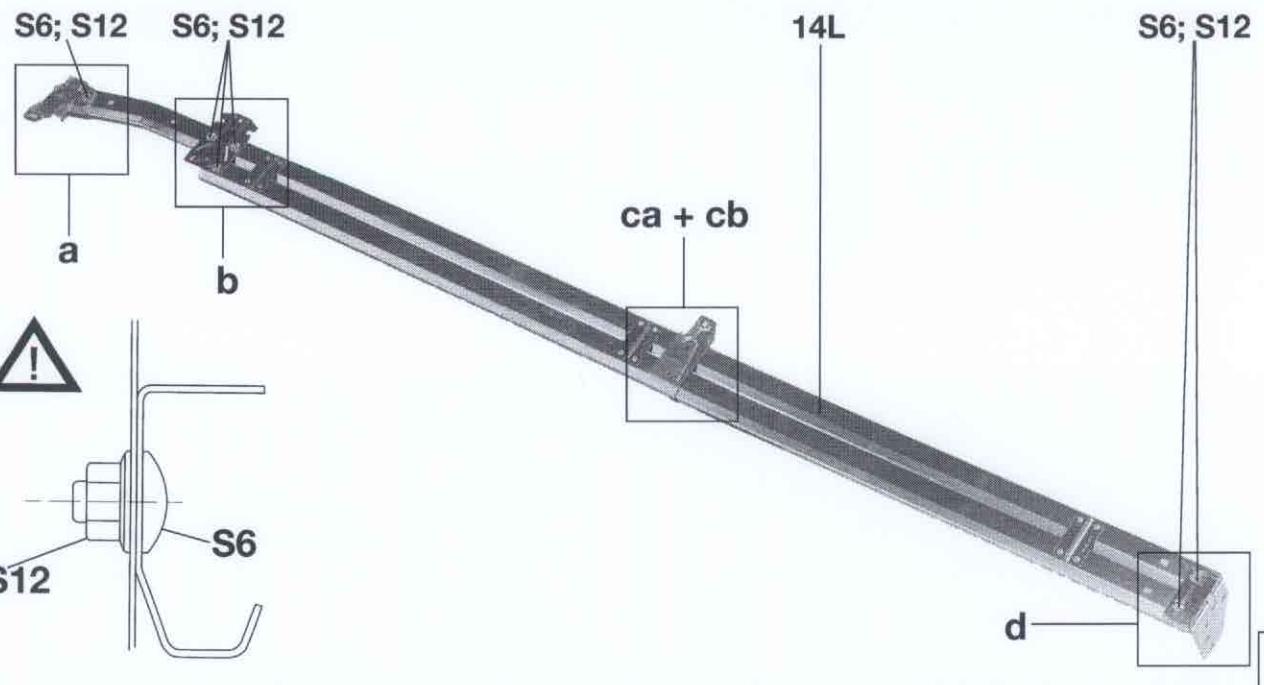
④ Bildteil aus Montageanleitung entnehmen  
 ④B Remove the illustrated section from the installation instructions  
 ④F Illustrations: voir notice de montage  
 ④NL Zie de montageaanwijzing voor de illustratie

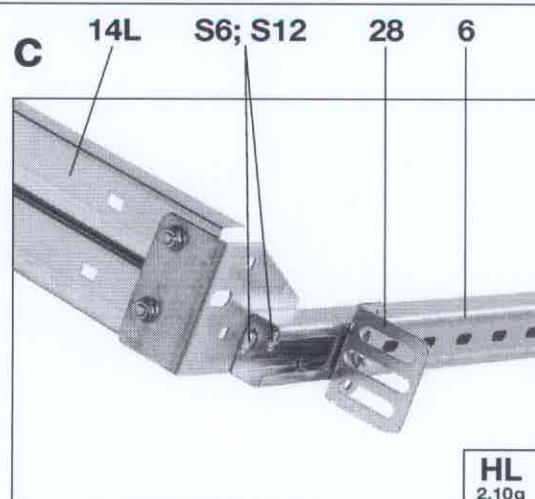
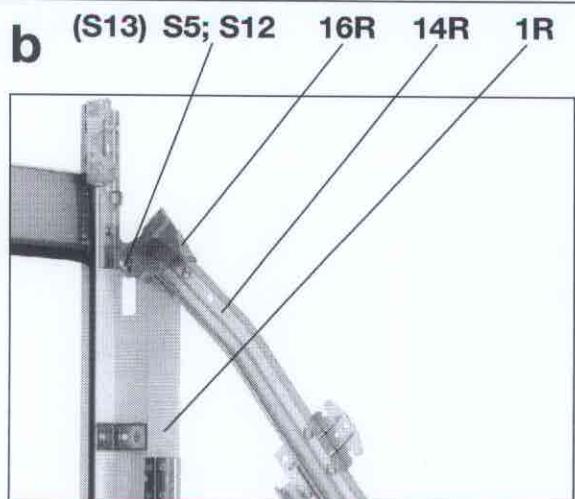
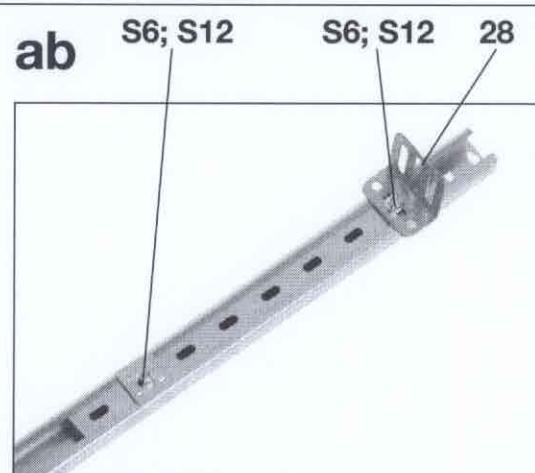
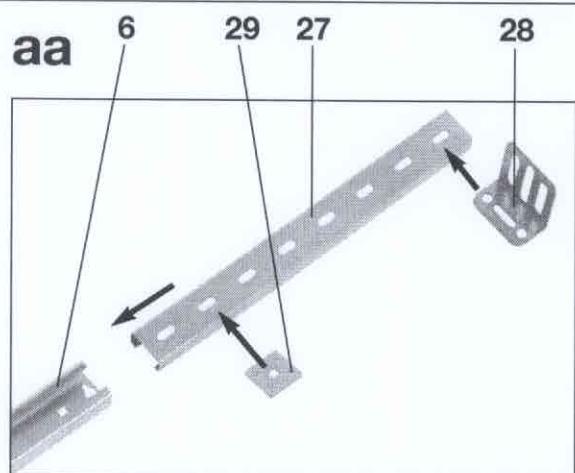
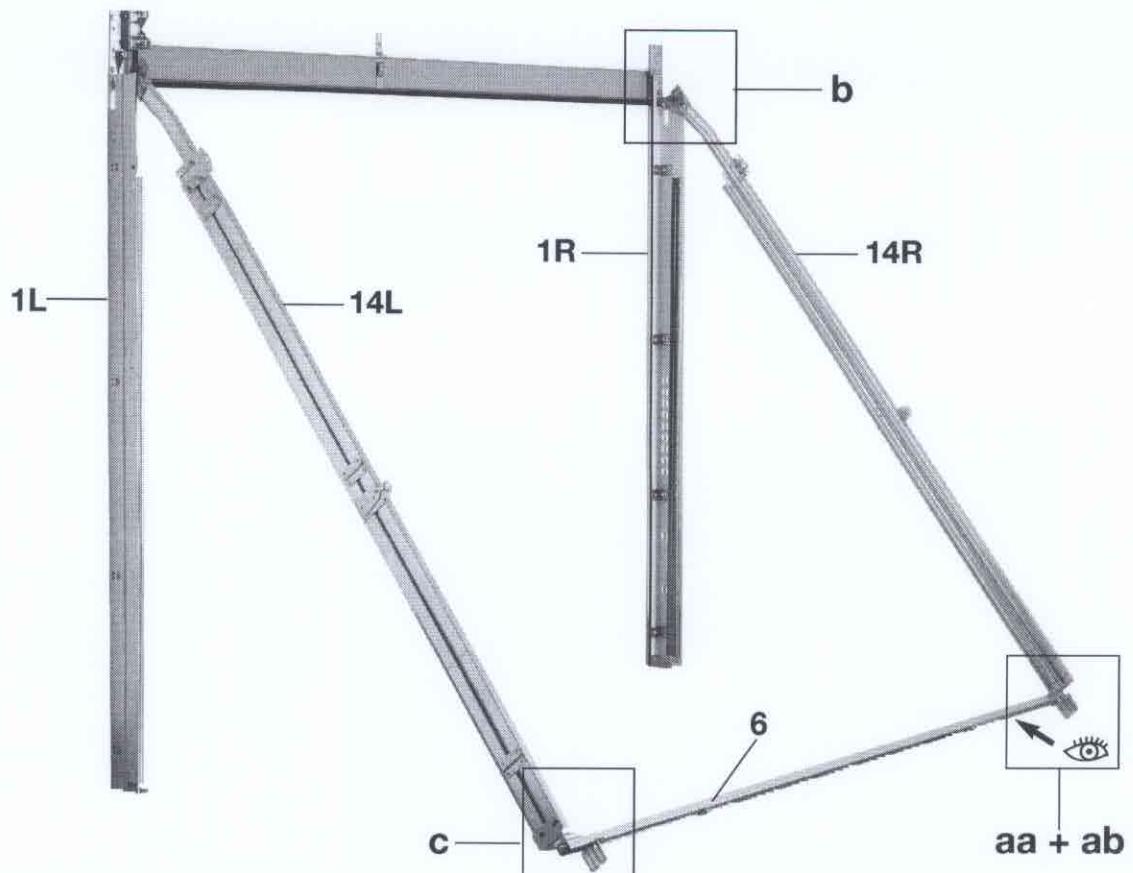
④B B = floor section  
 S = lock section  
 M = middle section  
 K = header section  
 HL = Indicates divergent illustrations,  
       torsion spring is rear-mounted

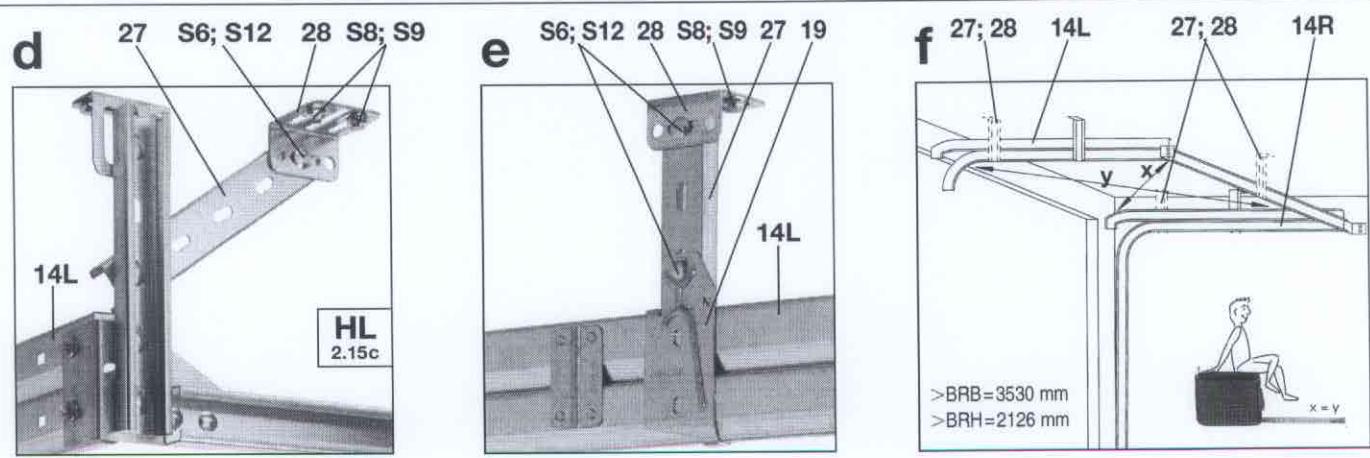
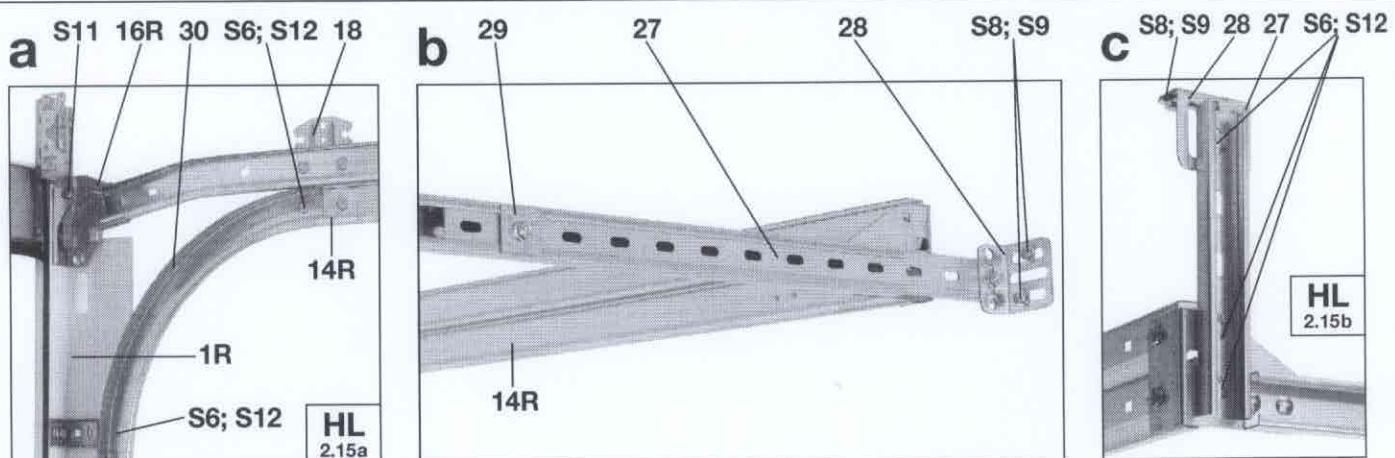
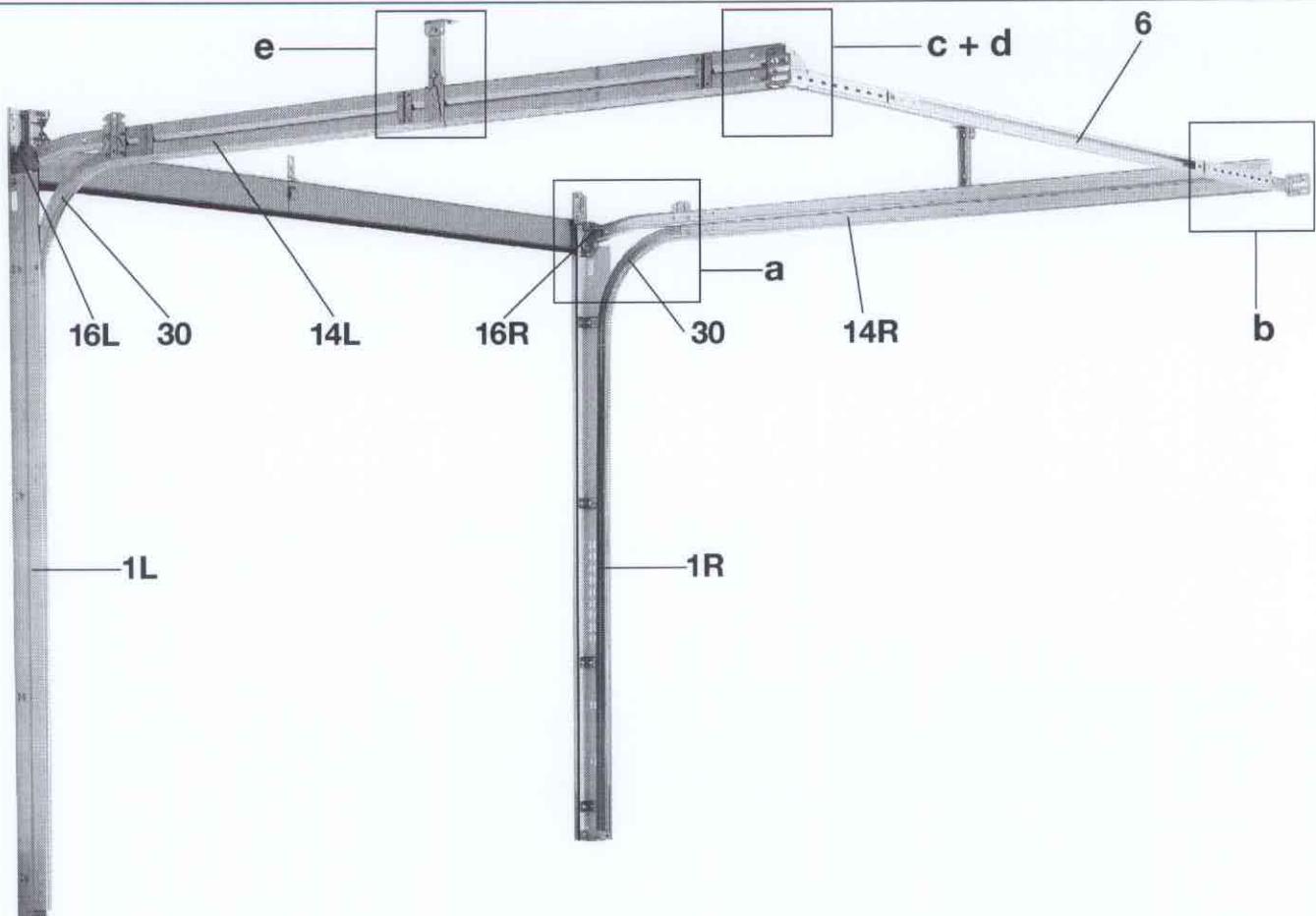
④ NL B = bodemsectie  
 S = slotsectie  
 M = middensectie  
 K = kopsectie  
 HL = kentekening voor afwijkende illustraties,  
       torsieveeras aan de achterzijde

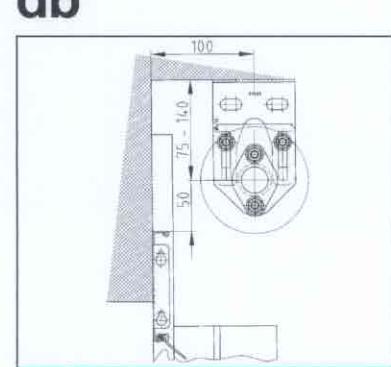
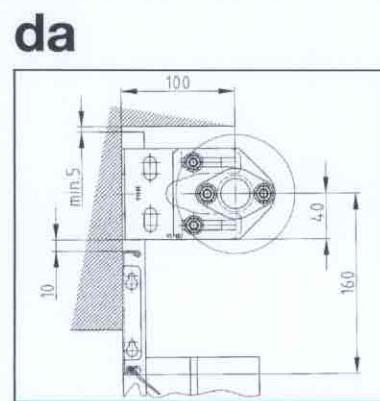
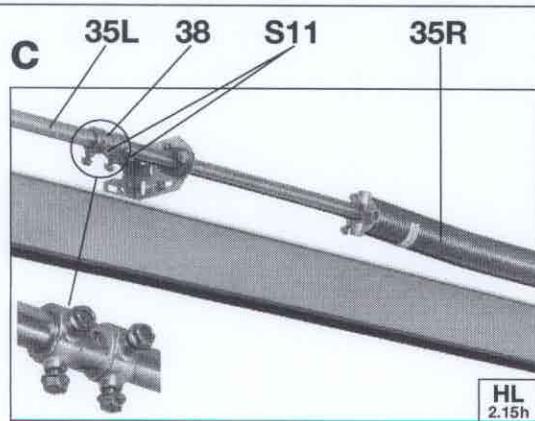
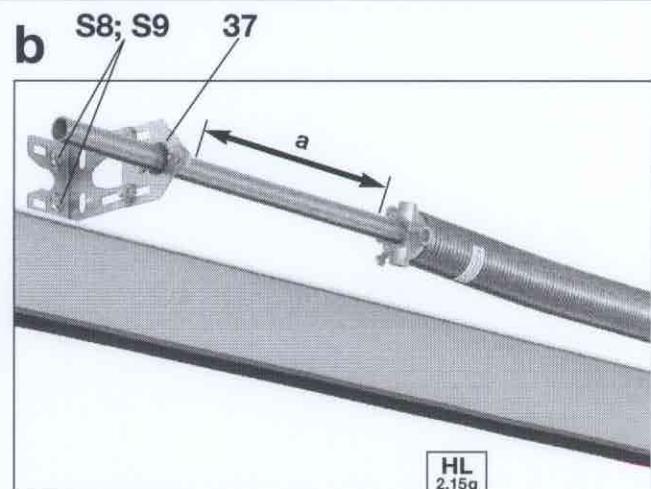
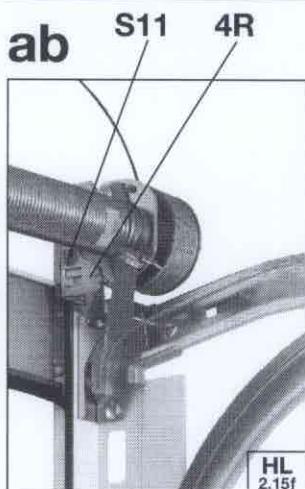
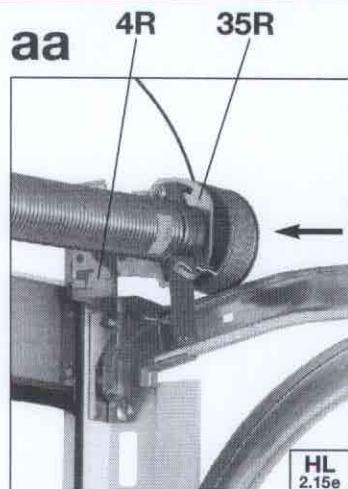
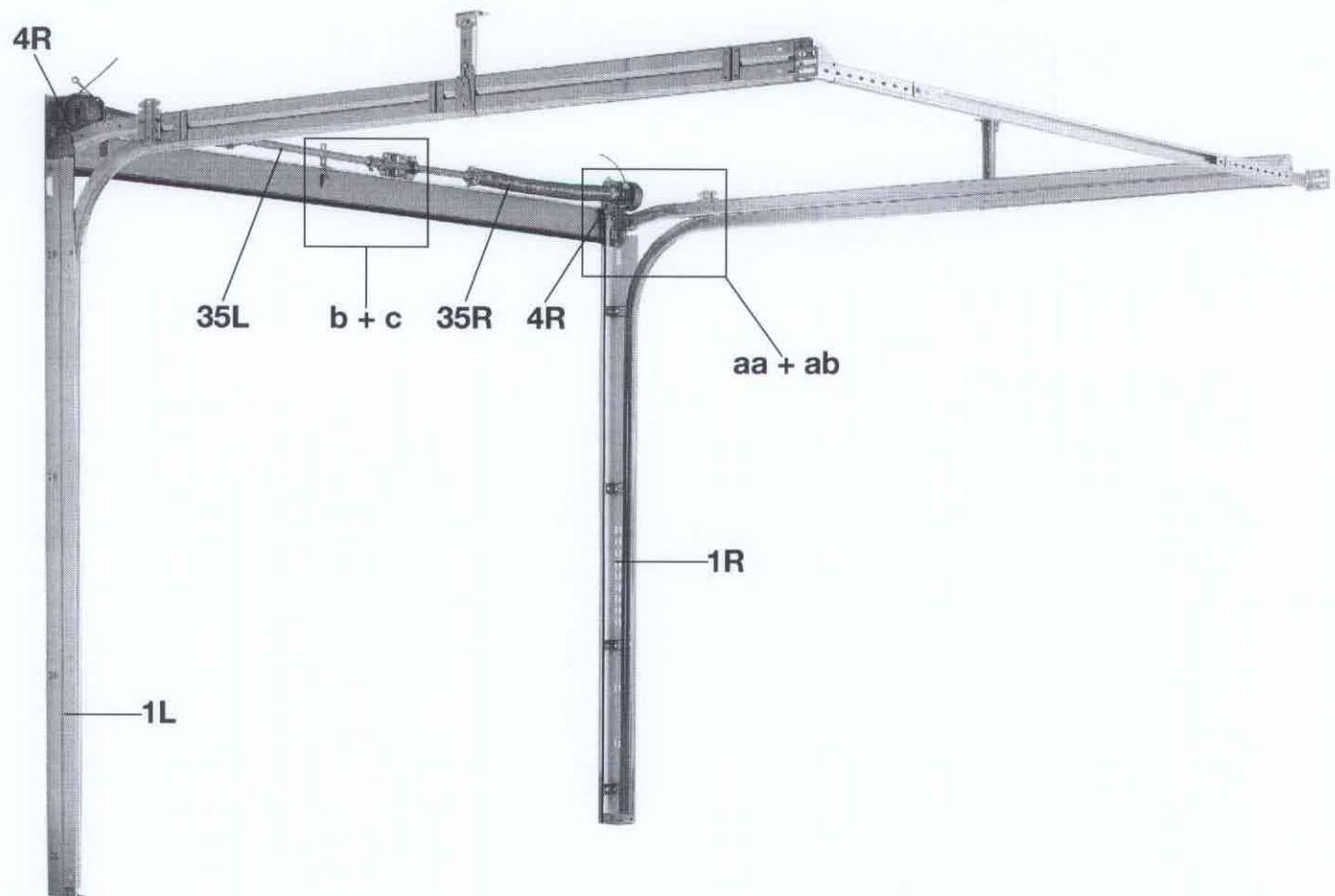


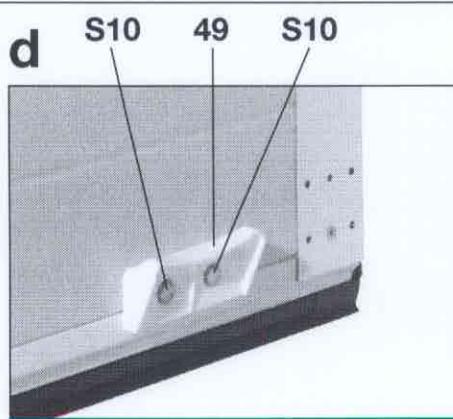
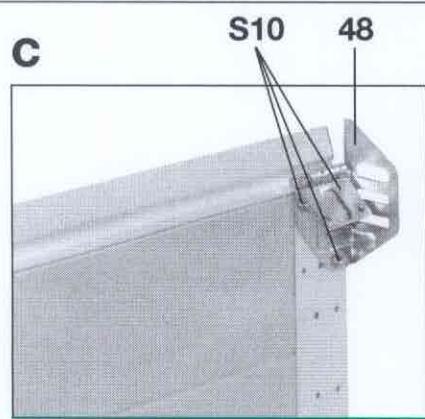
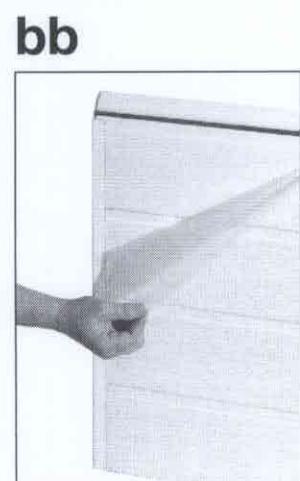
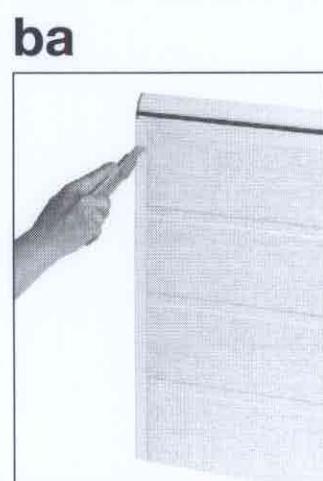
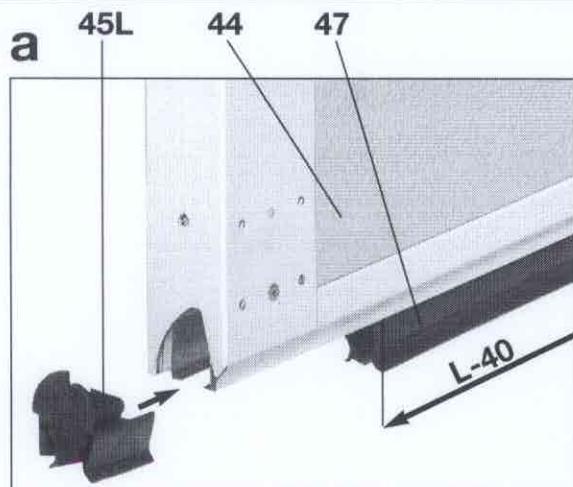
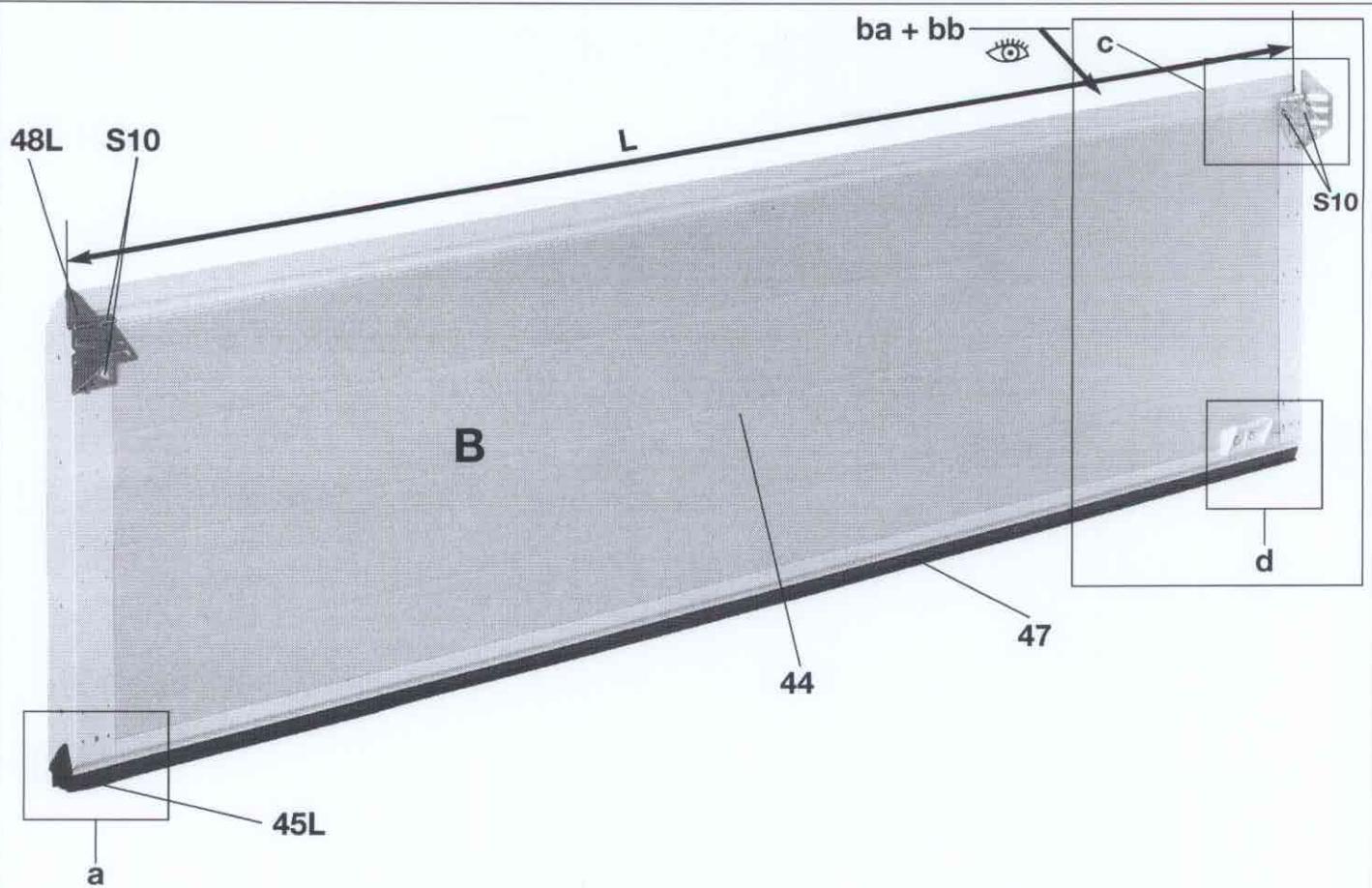


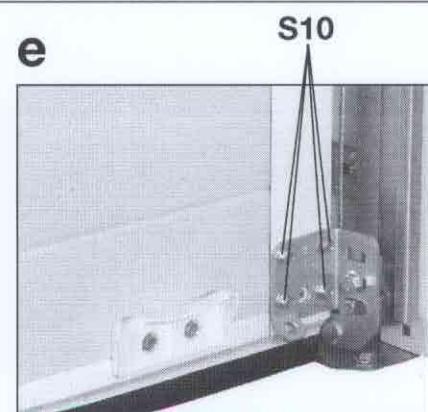
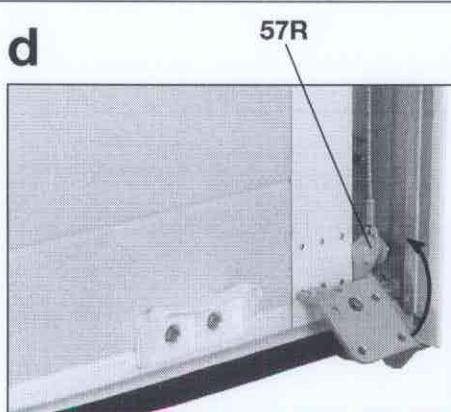
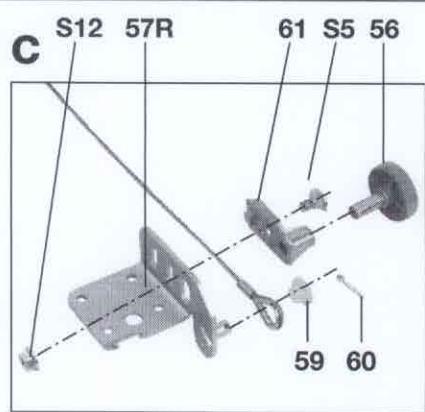
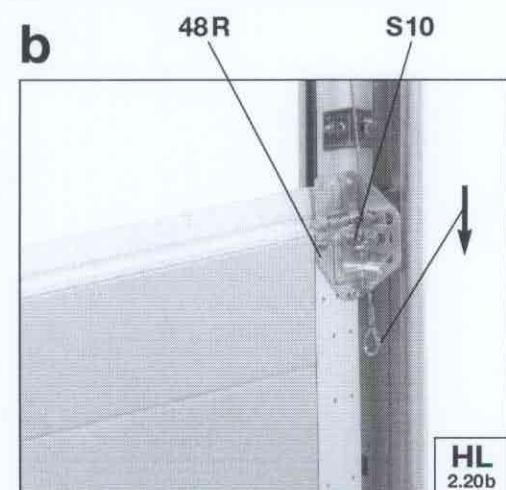
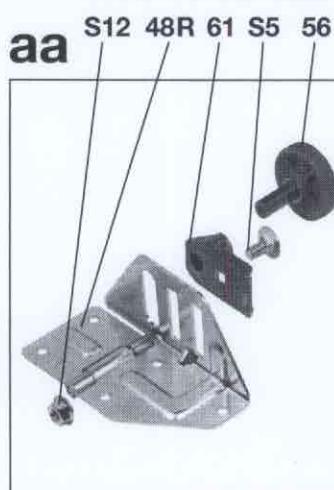
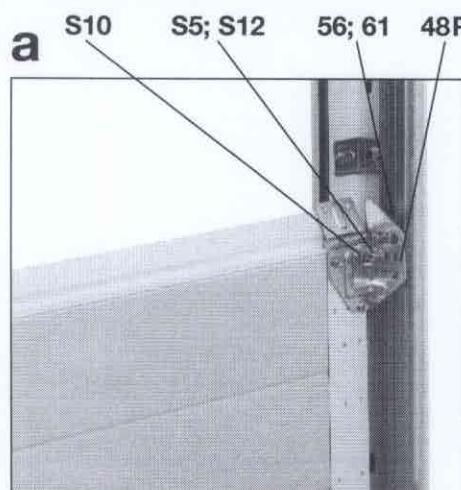
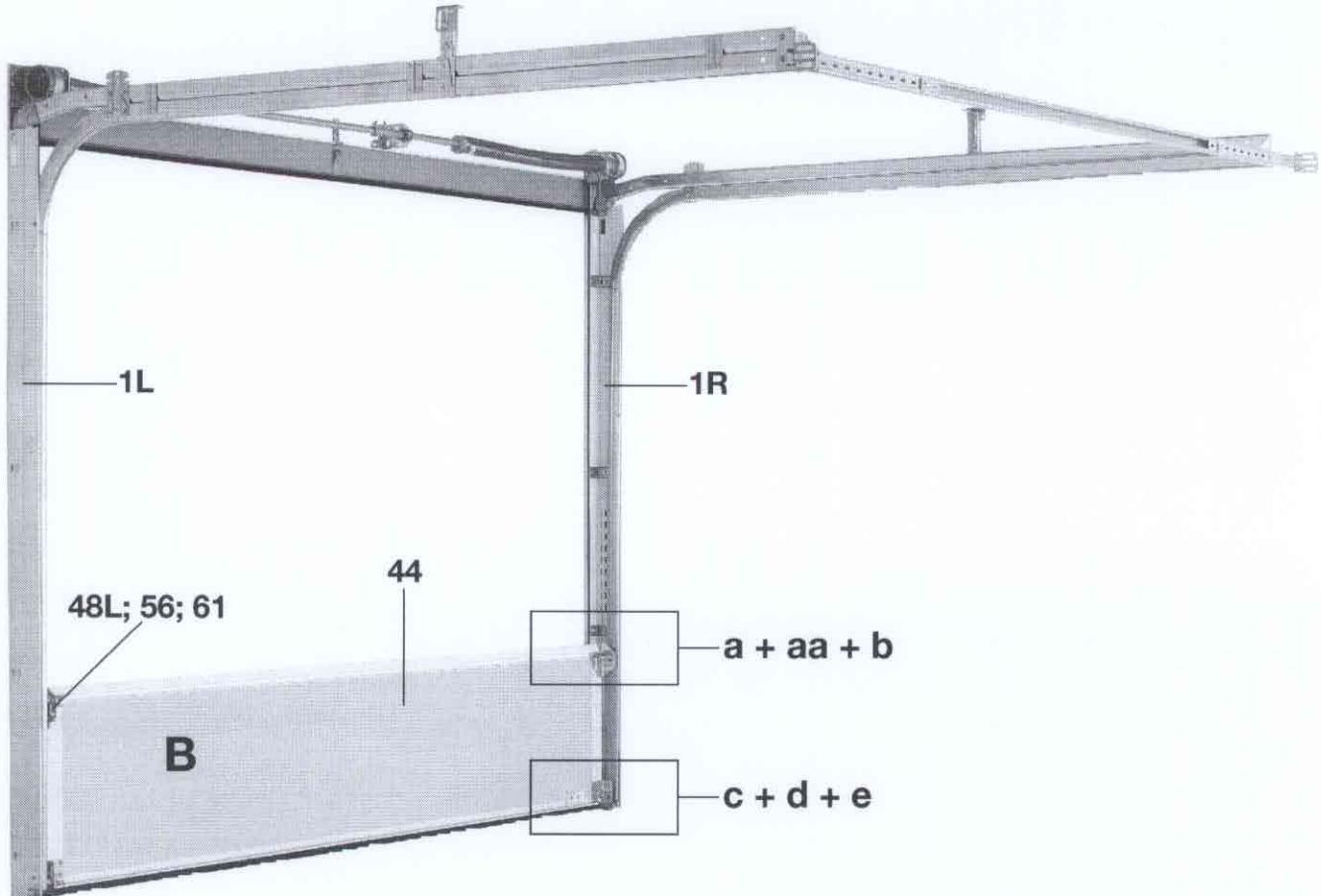


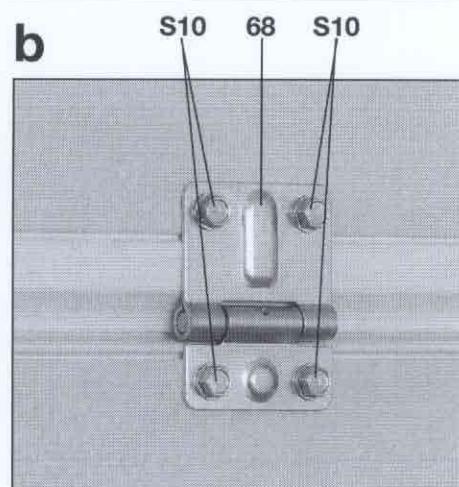
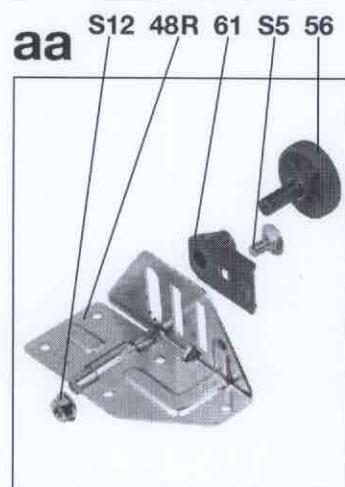
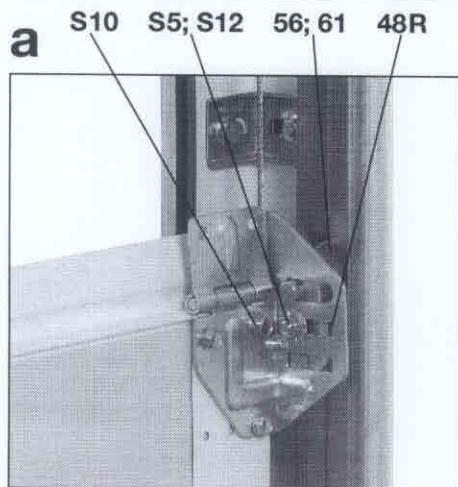
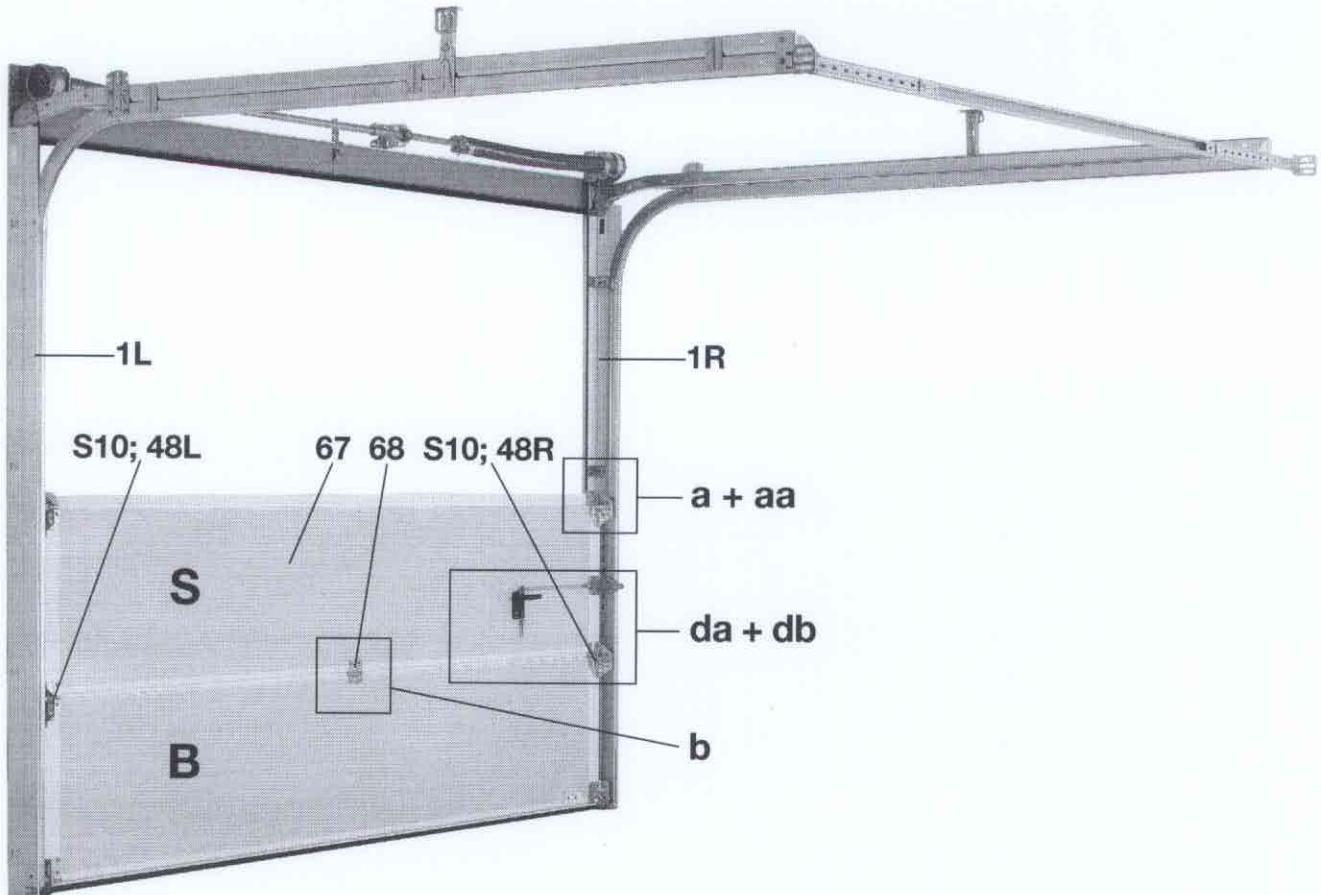




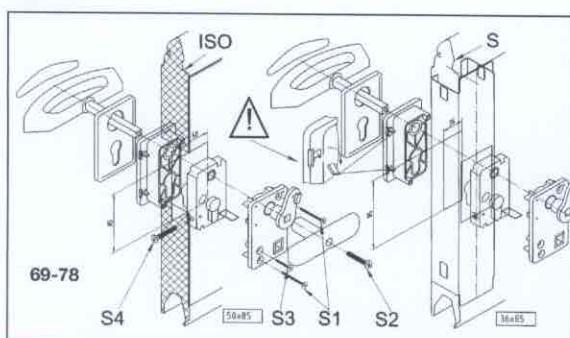




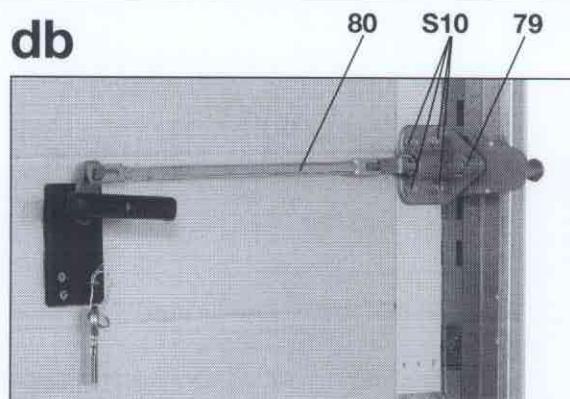


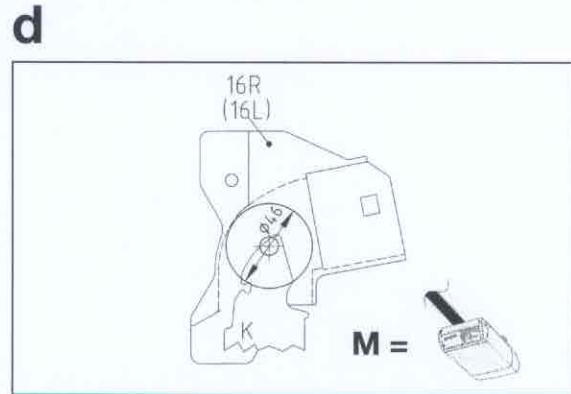
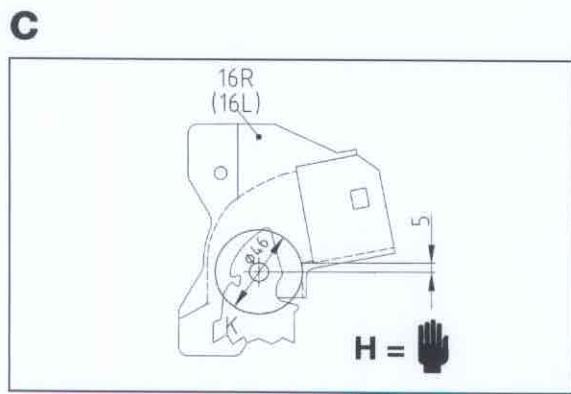
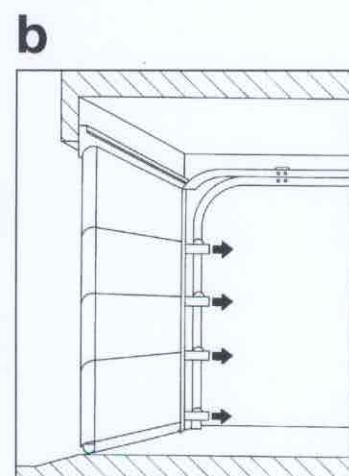
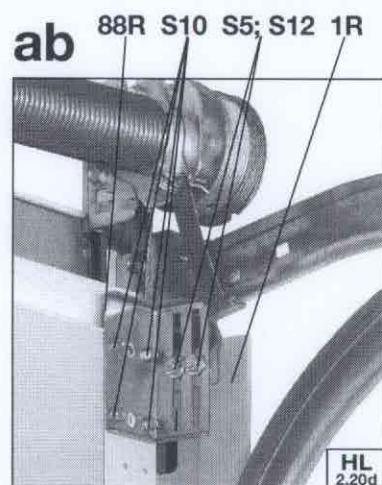
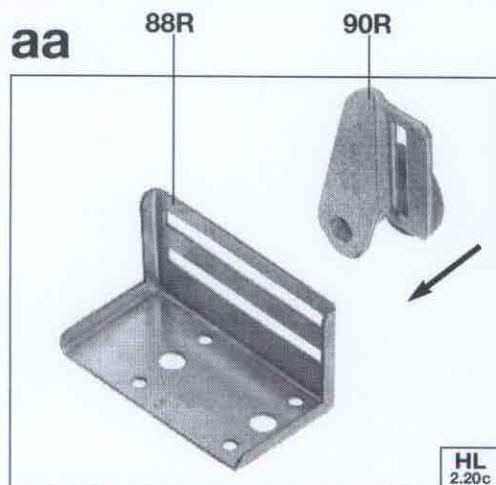
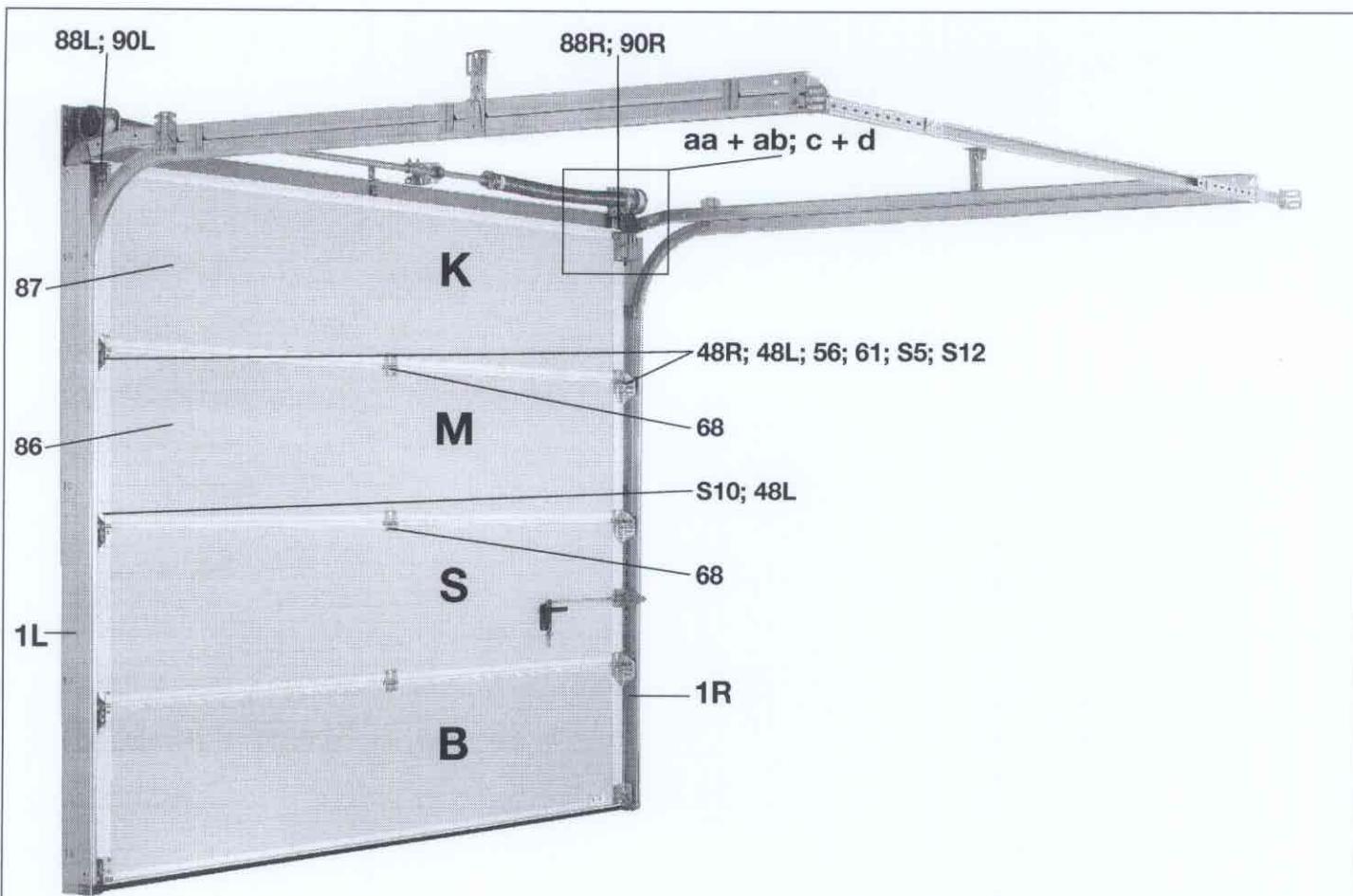


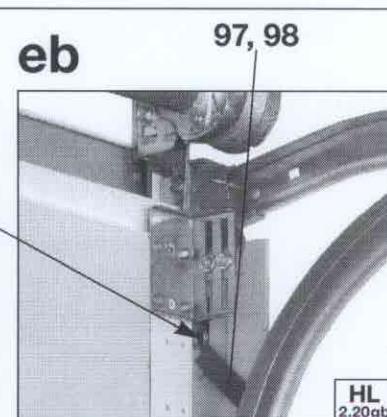
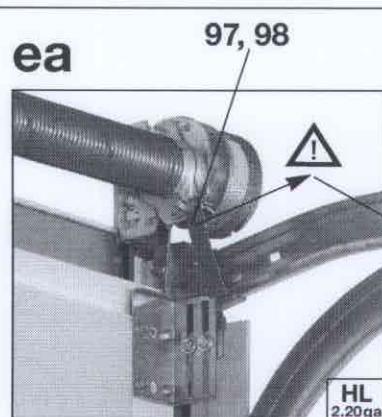
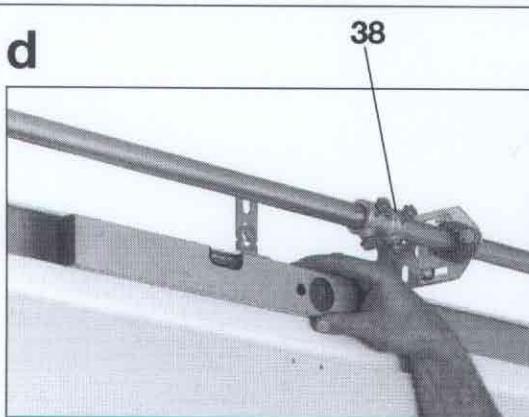
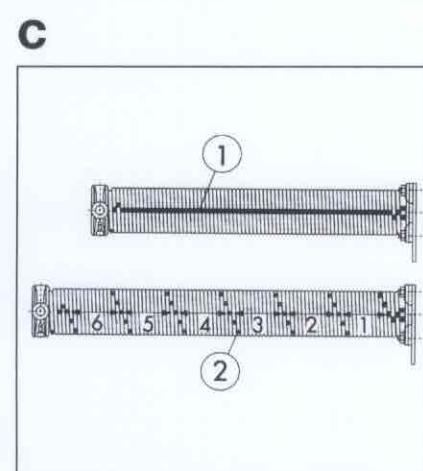
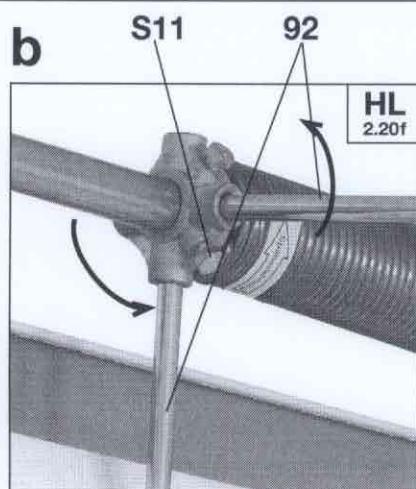
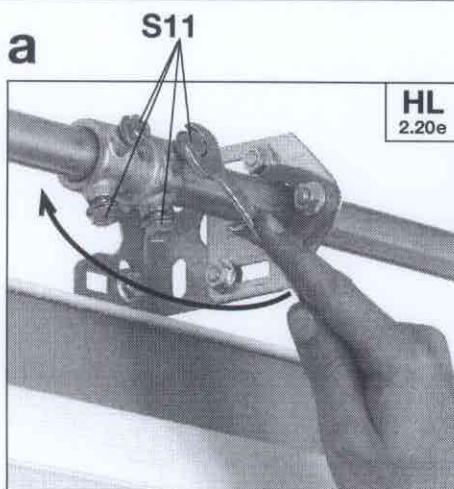
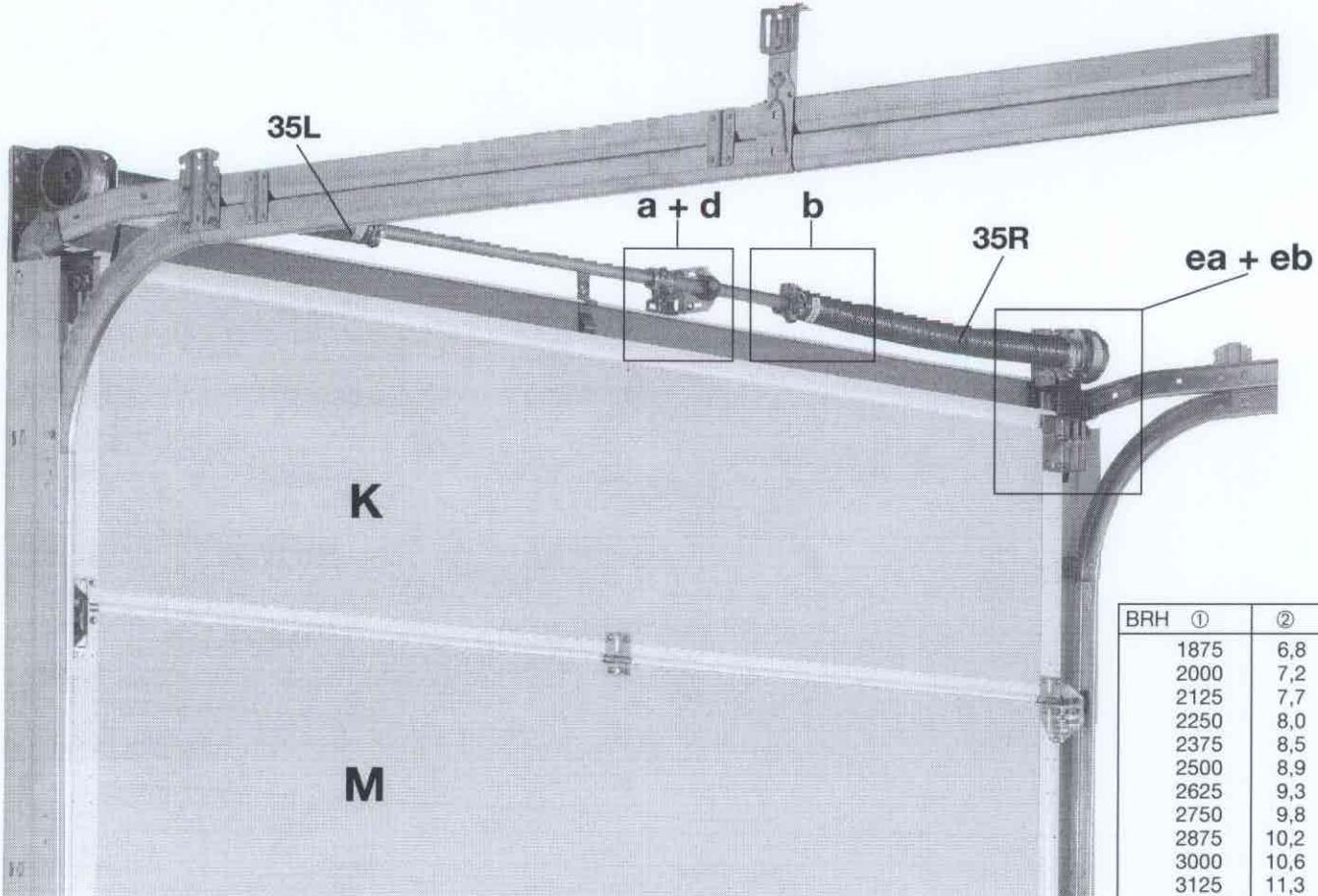
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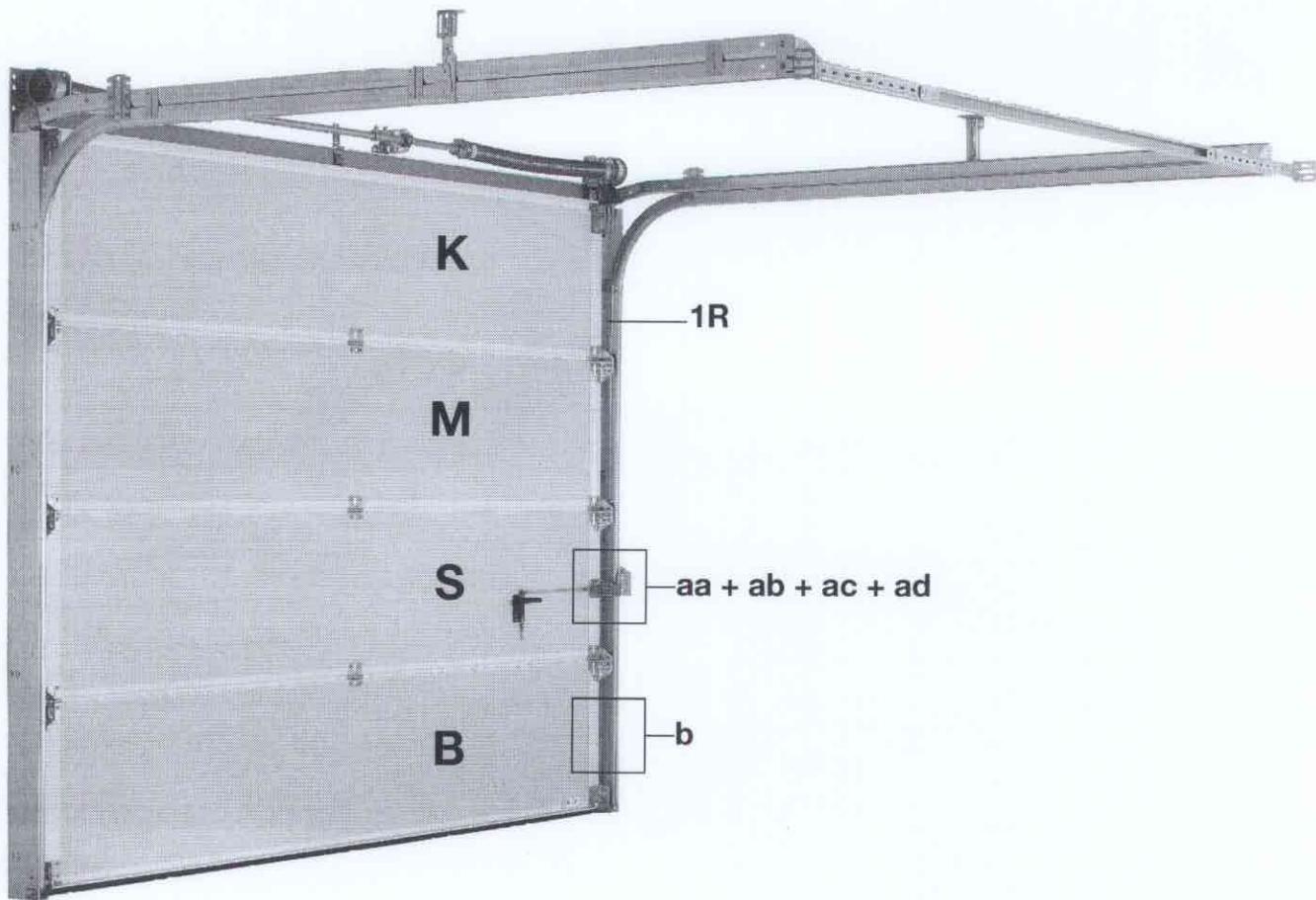


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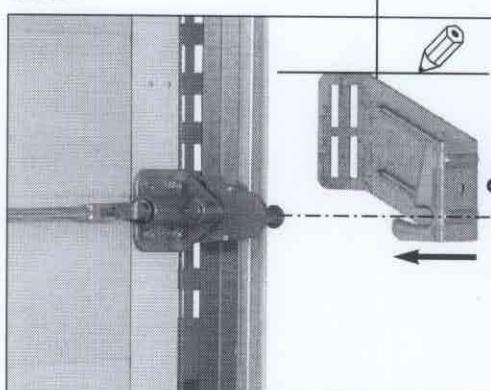




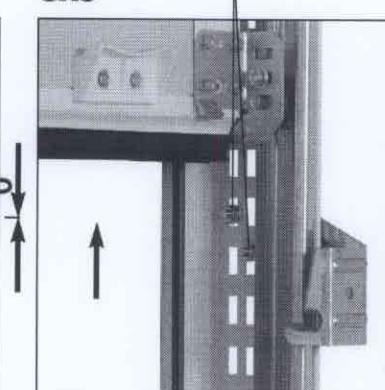




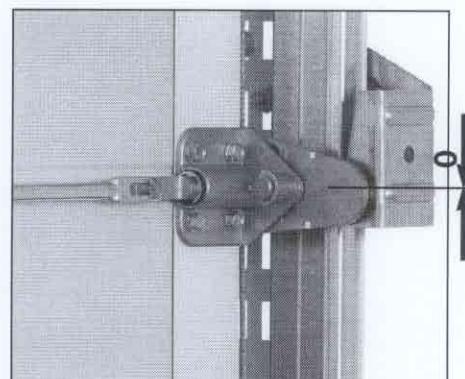
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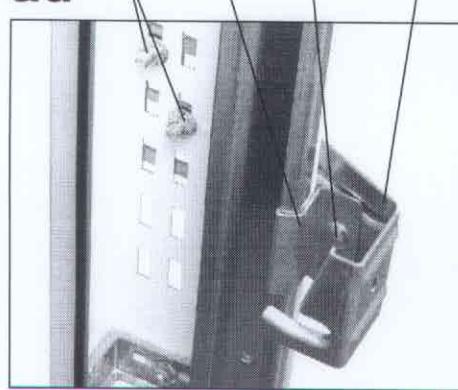
**ab (S13) S6; S12**



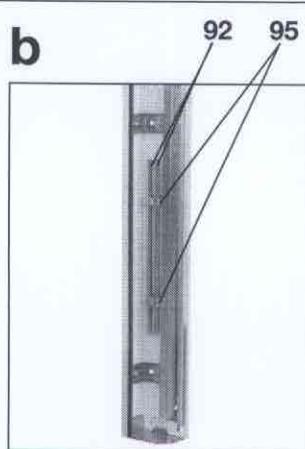
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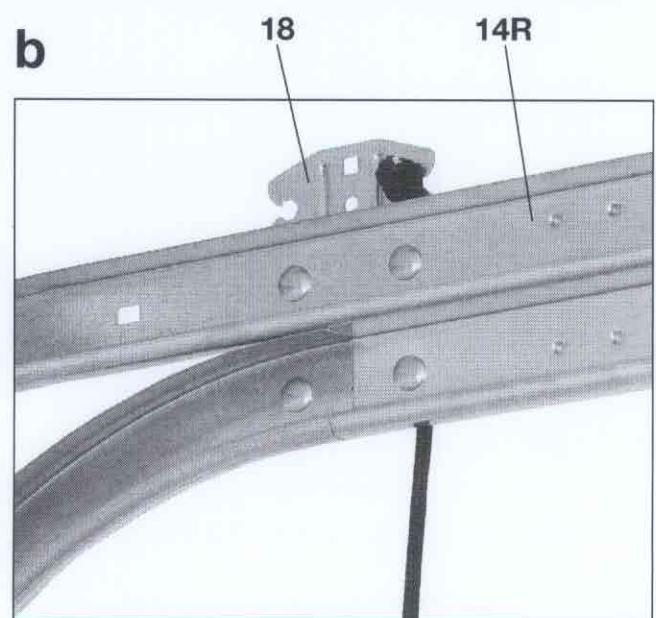
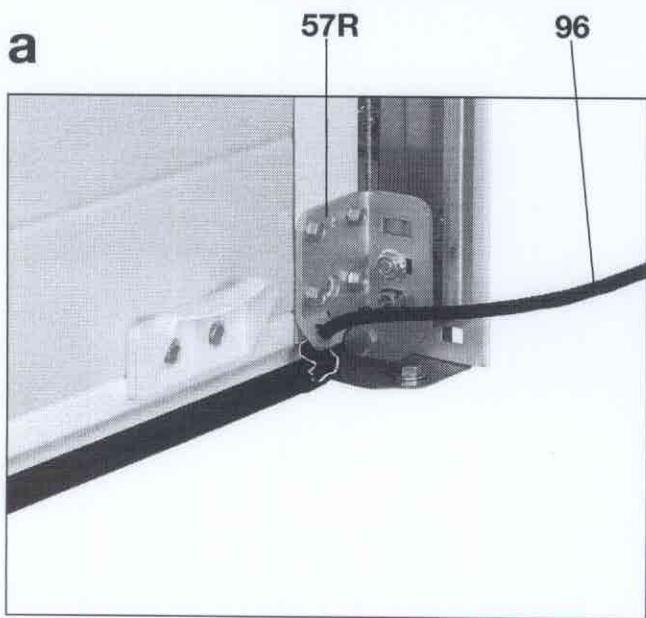
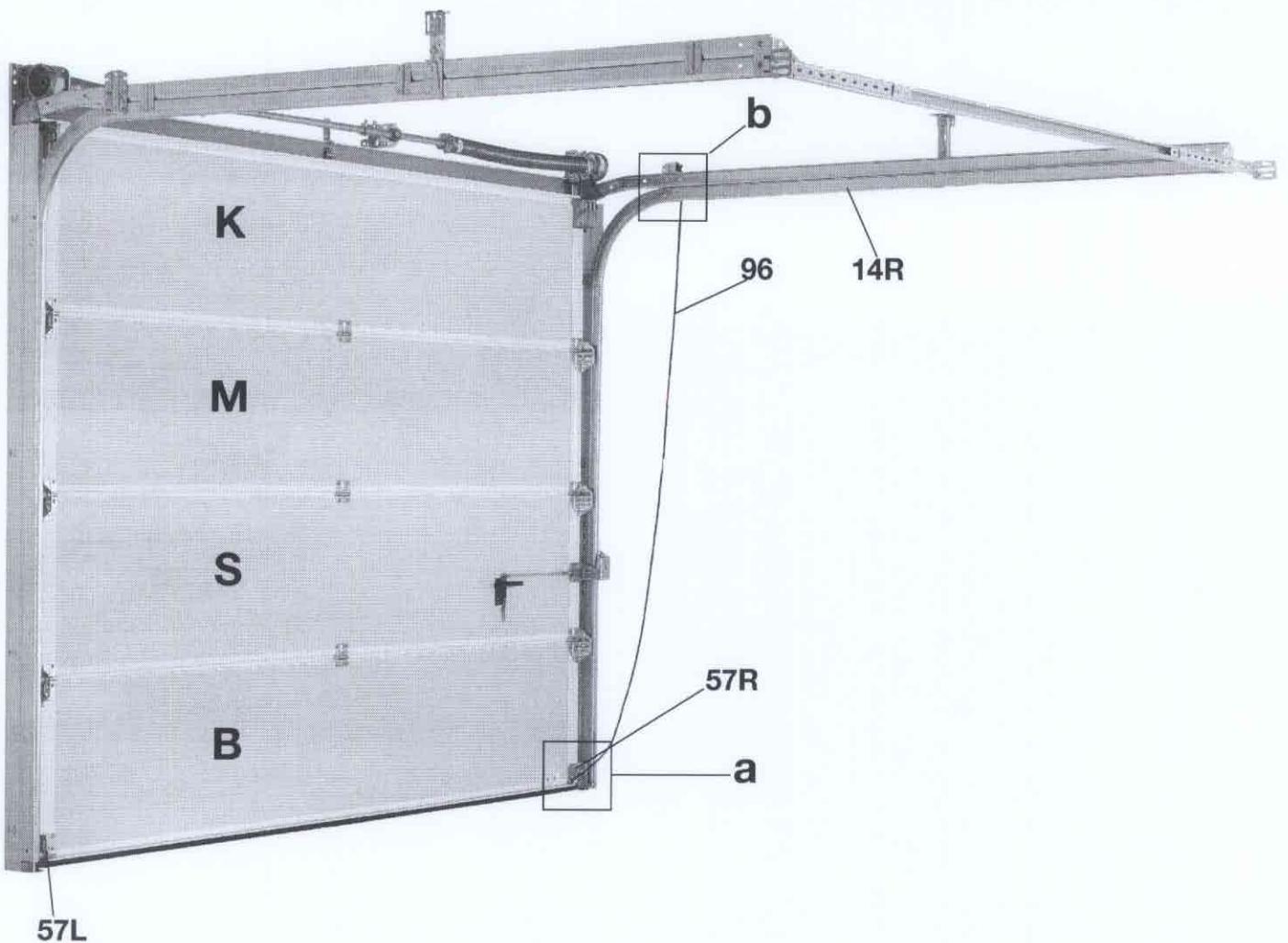


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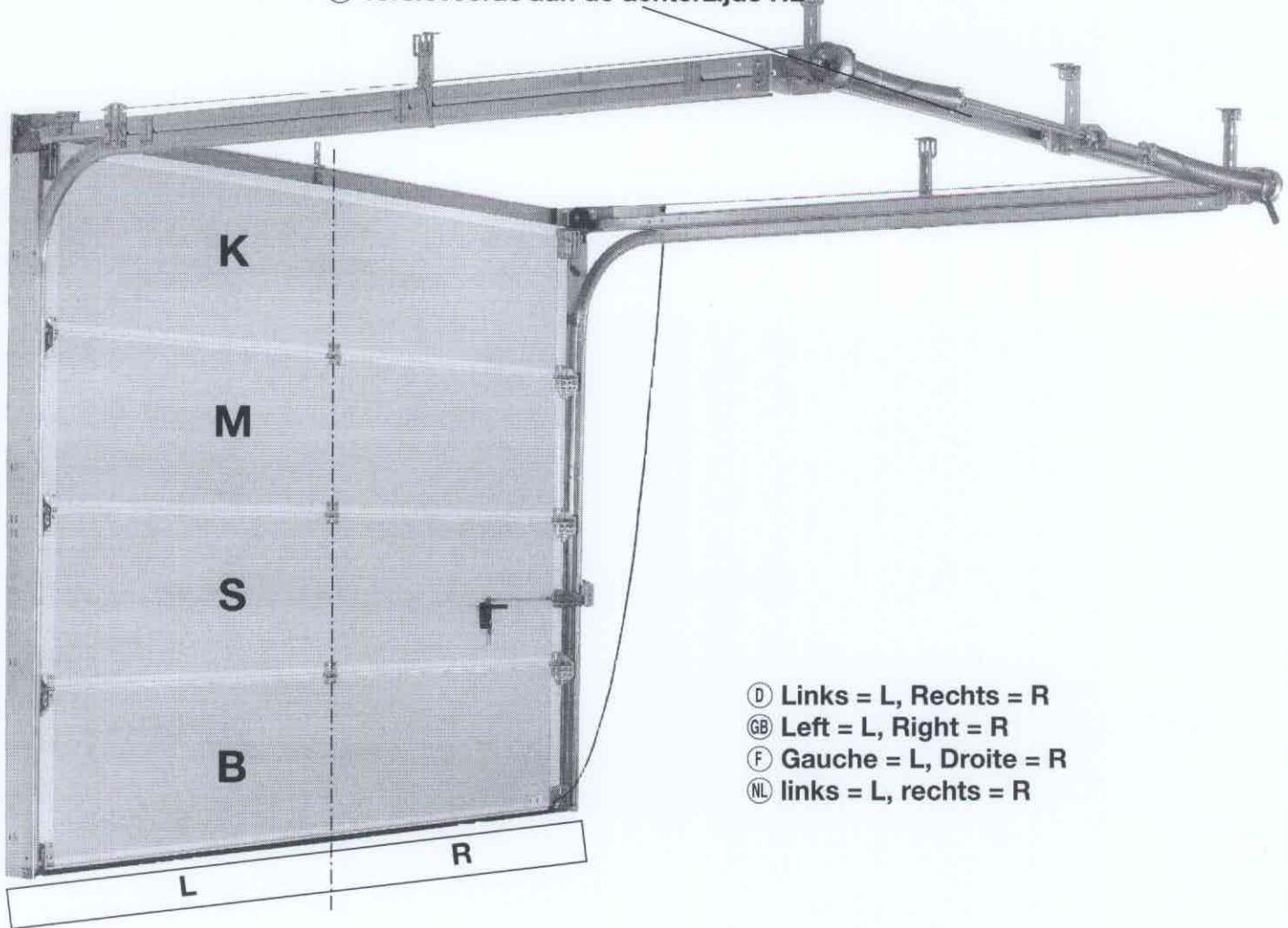


**b**





- ④ Torsionsfederwelle hintenliegend HL
- ④B Rear-mounted torsion spring HL
- ④F Arbre à ressort à torsion à l'arrière HL
- ④NL Torsieveeras aan de achterzijde HL

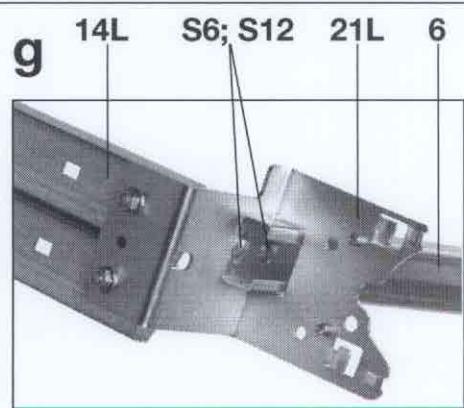
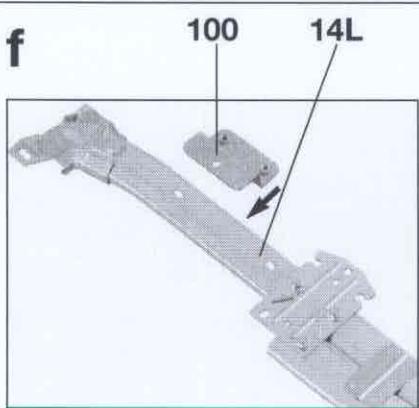
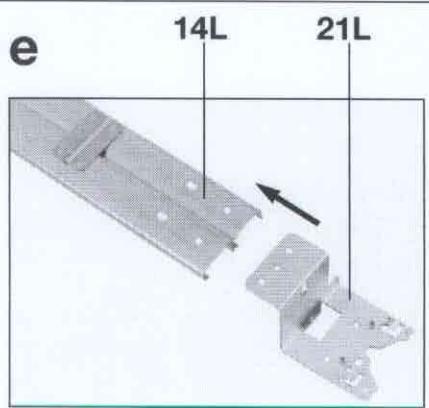
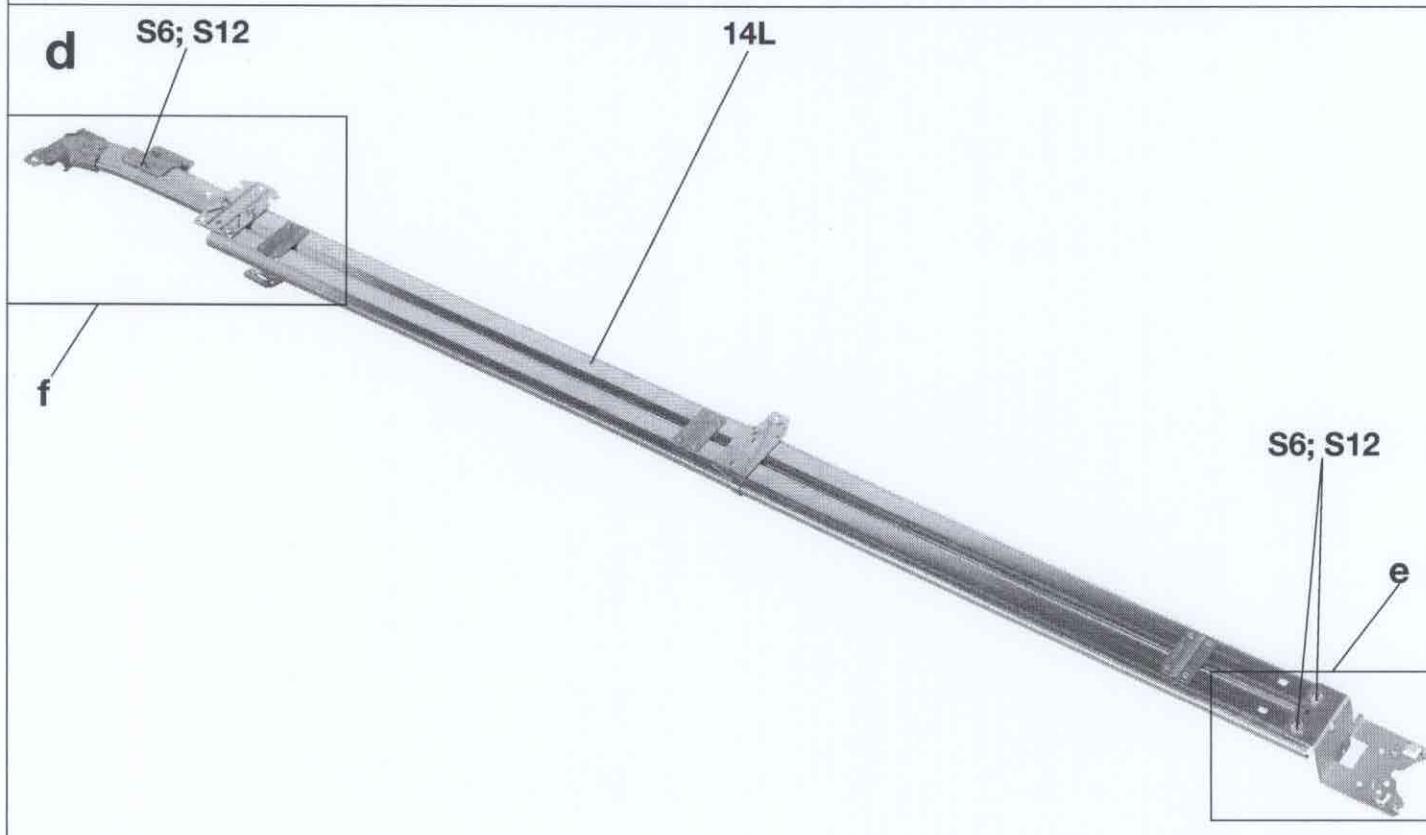
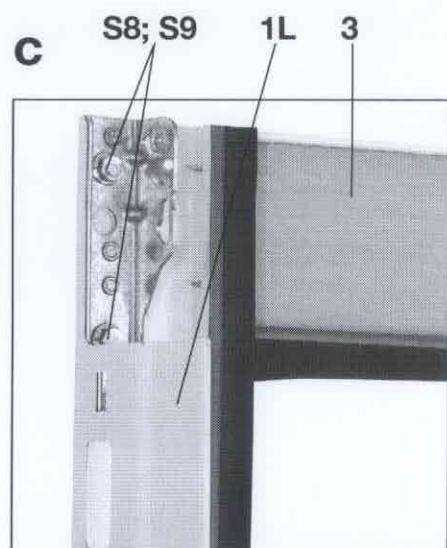
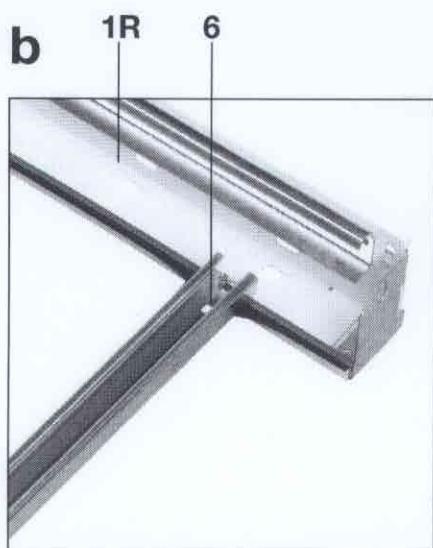
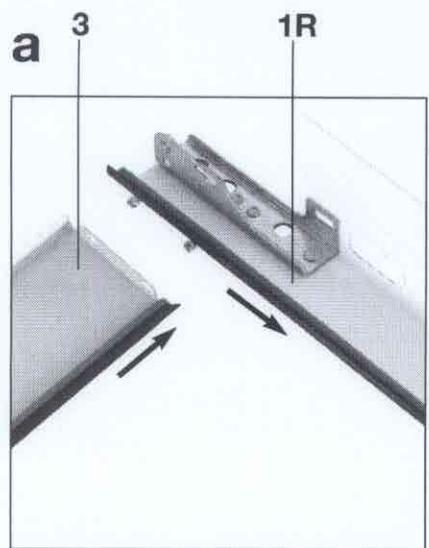


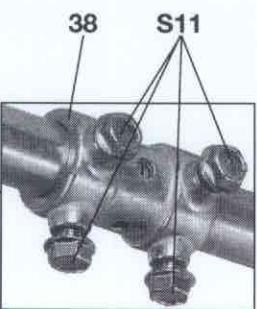
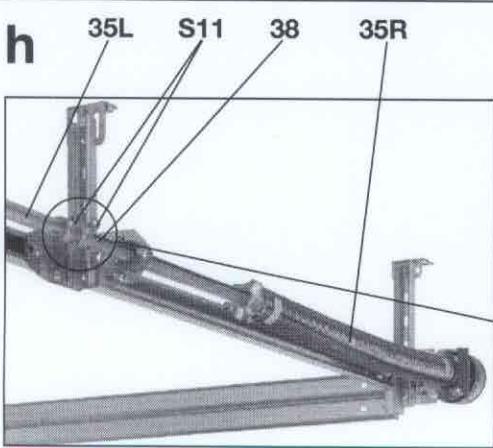
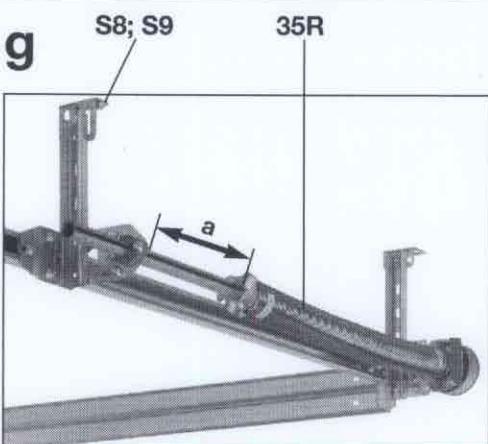
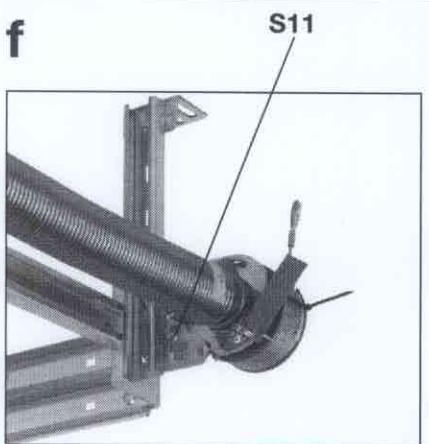
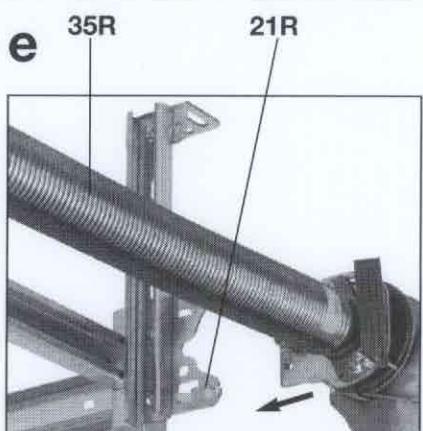
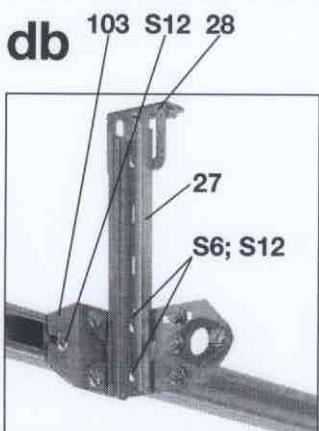
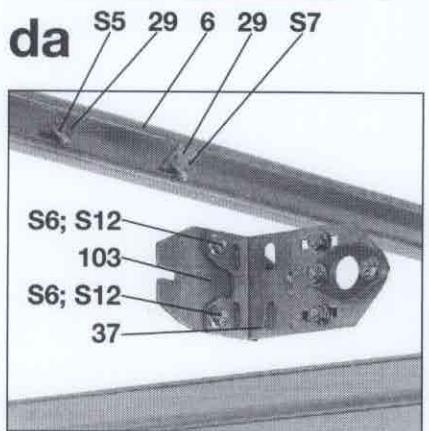
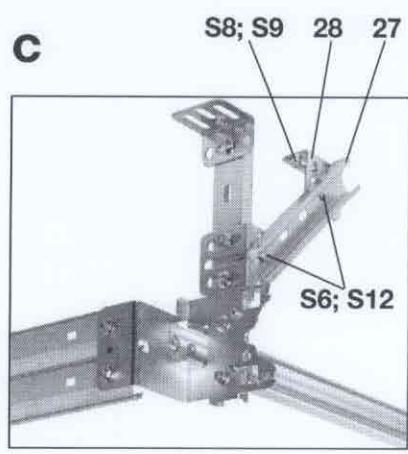
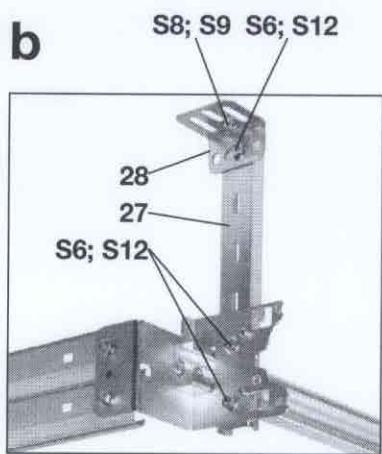
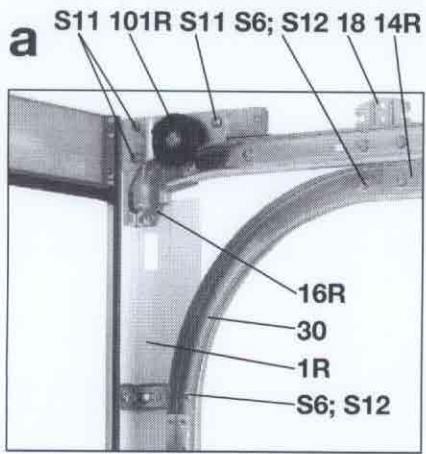
④ B = Bodensektion  
 S = Schloßsektion  
 M = Mittelsektion  
 K = Kopfsektion

④B = floor section  
 S = lock section  
 M = middle section  
 K = header section

④ B = section basse  
 S = section de serrure  
 M = section centrale  
 K = section haute

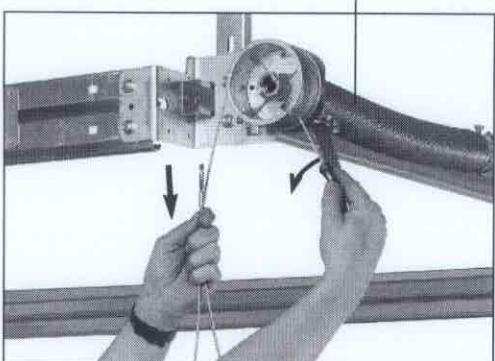
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 S = slotsectie  
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 K = kopsectie



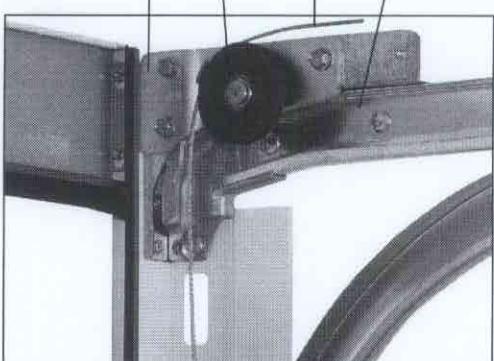


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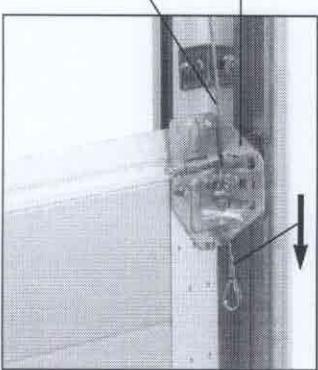
35L (35R)

**ab**

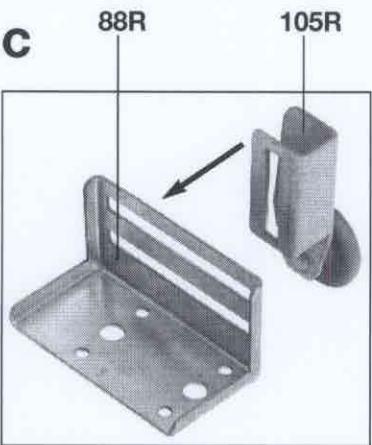
1R 101R 104 14R

**b**

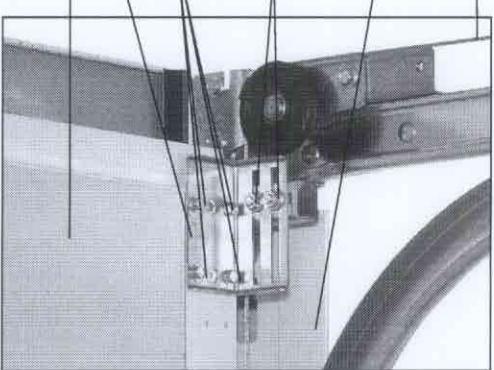
104 48R

**c**

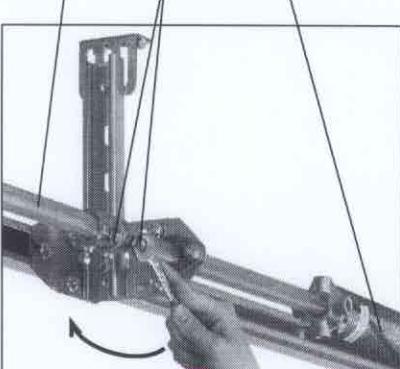
88R

**d**

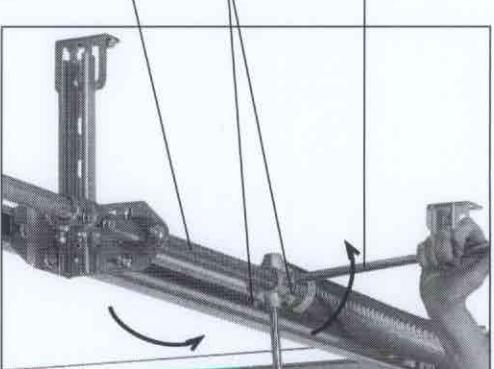
87 88R S10 S5; S12 1R 104

**e**

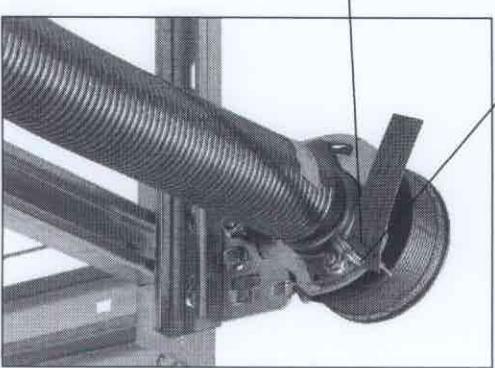
35L S11 35R

**f**

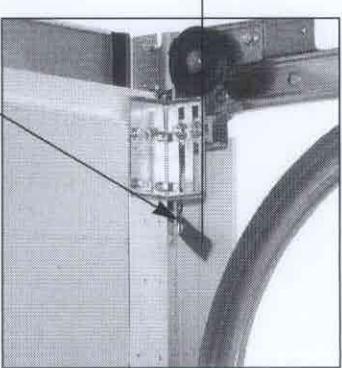
35R S11 92

**ga**

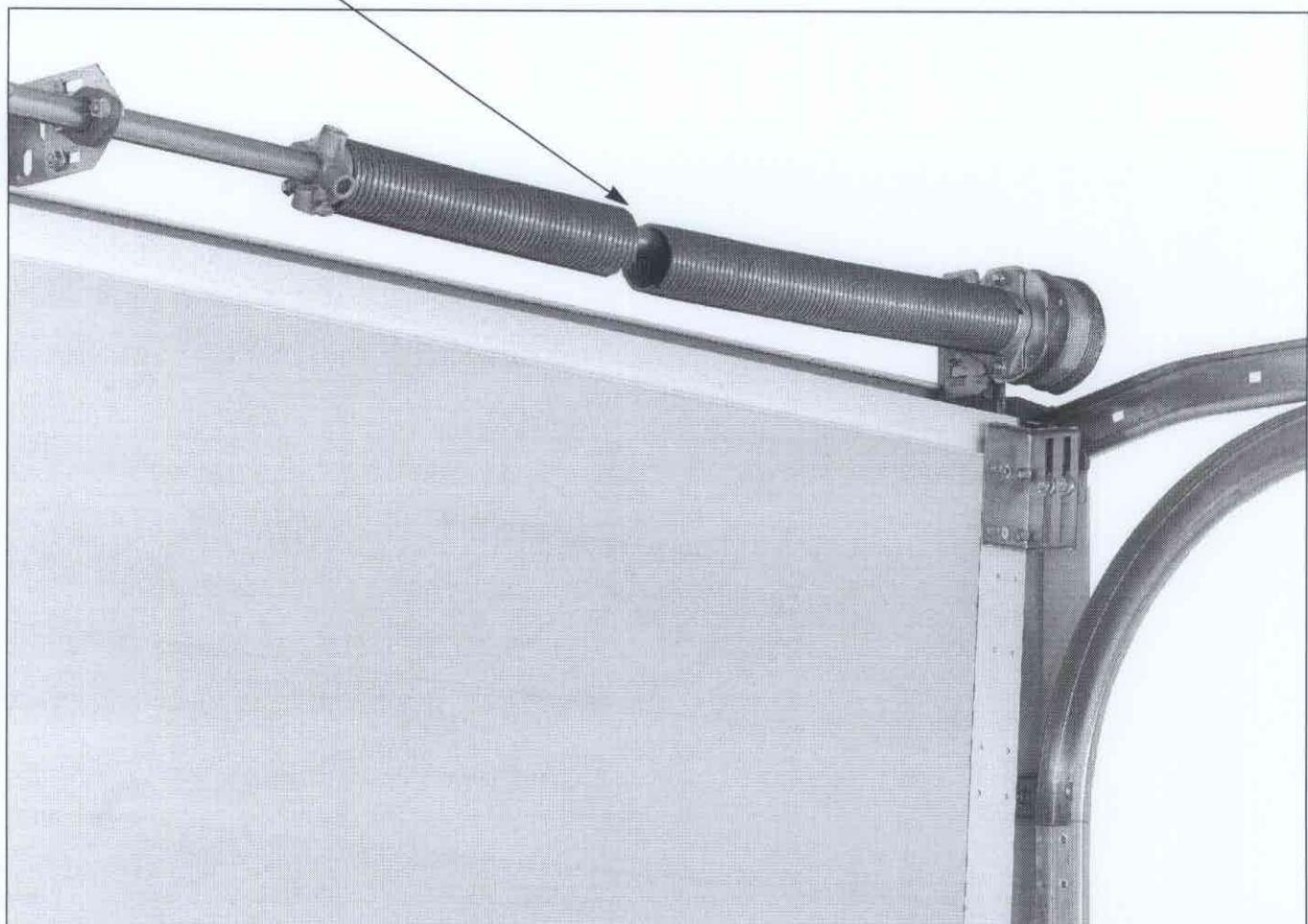
97, 98

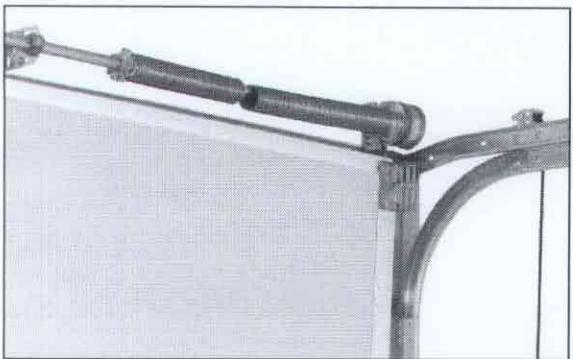
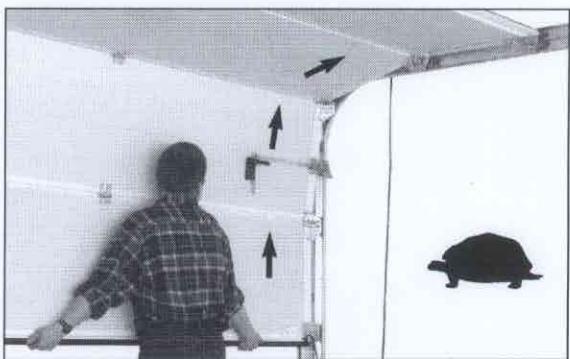
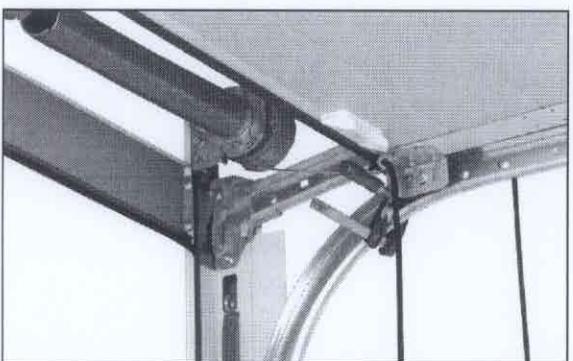
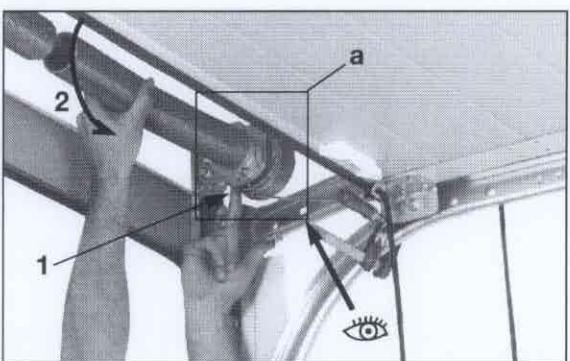
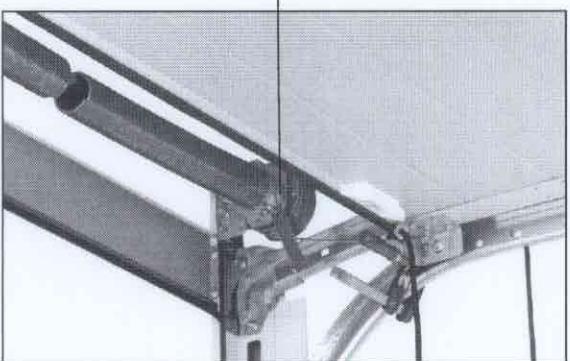
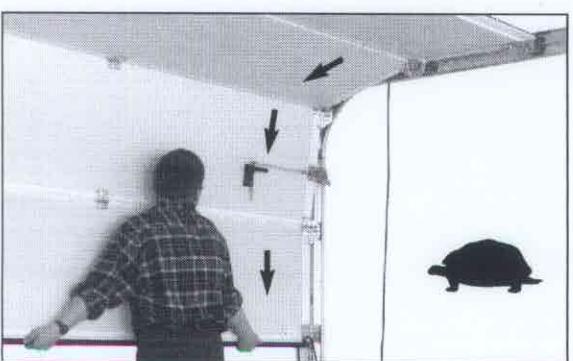
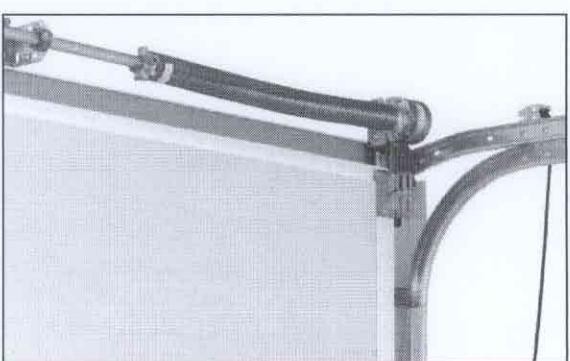
**gb**

97, 98

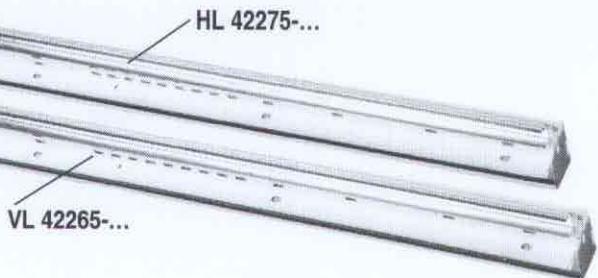
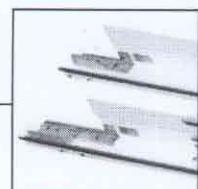
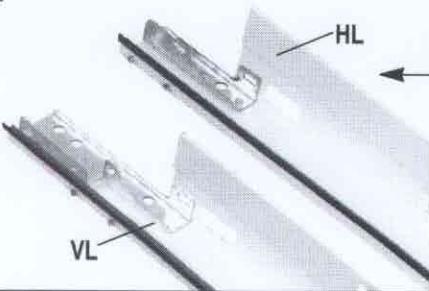
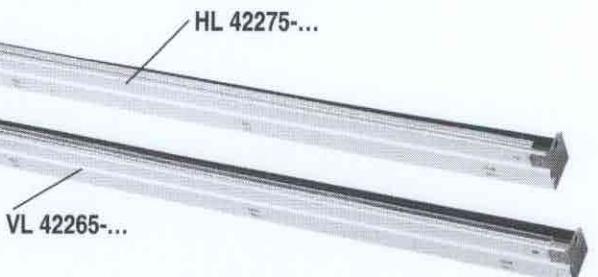
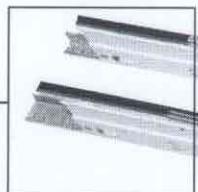
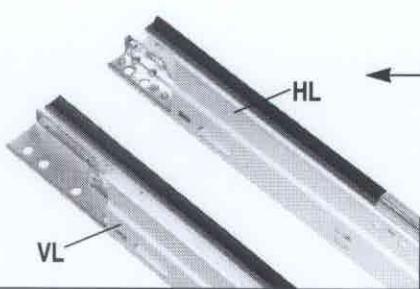
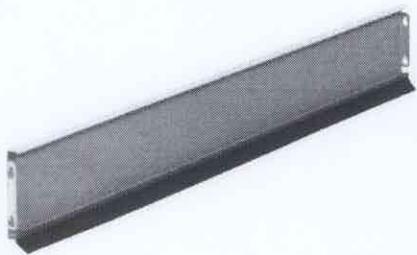
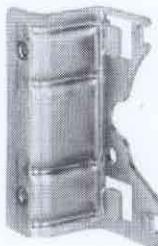
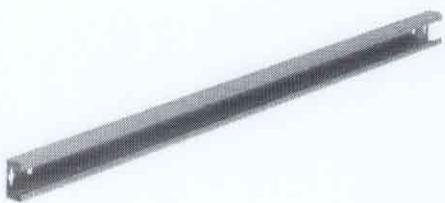
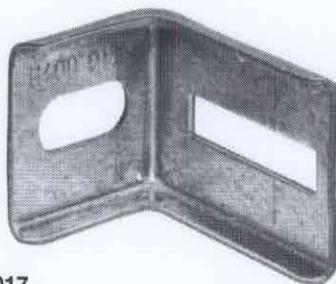
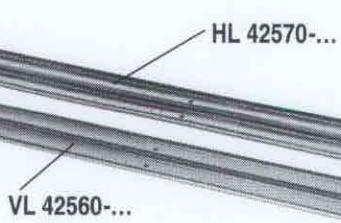
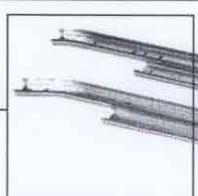
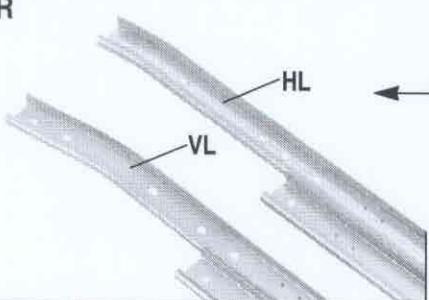
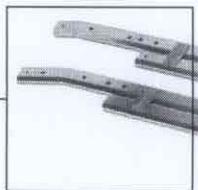
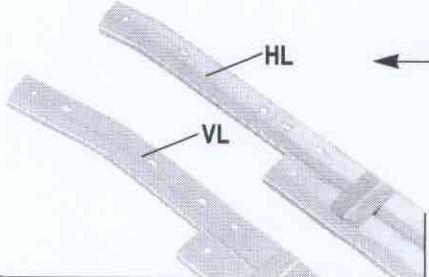


- D** Schadensfall Federbruch
- GB** Damage claim: spring fracture
- F** Dommage rupture de ressort
- NL** Schade veerbreuk



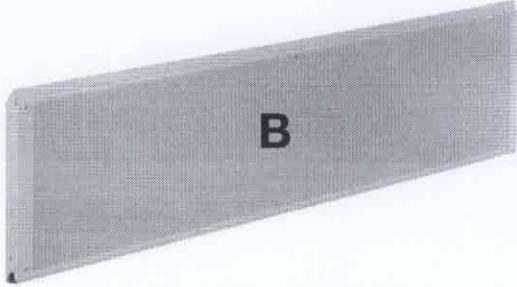
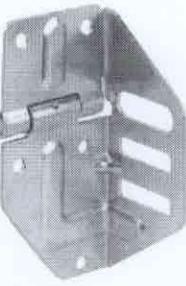
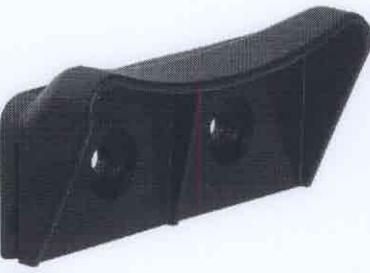
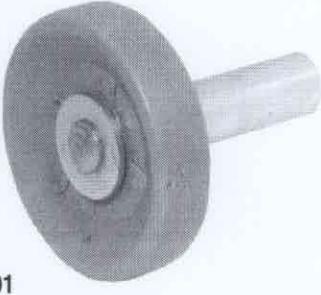
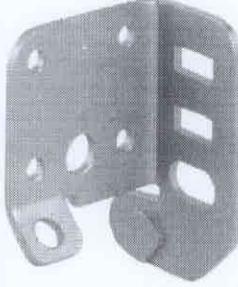
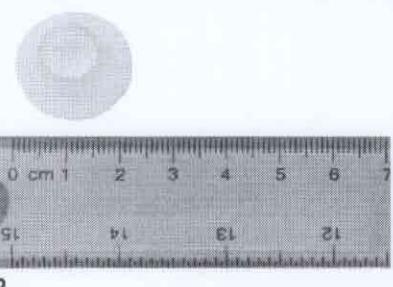
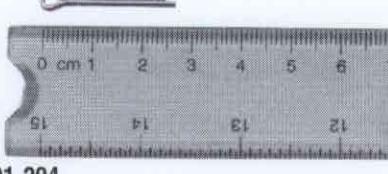
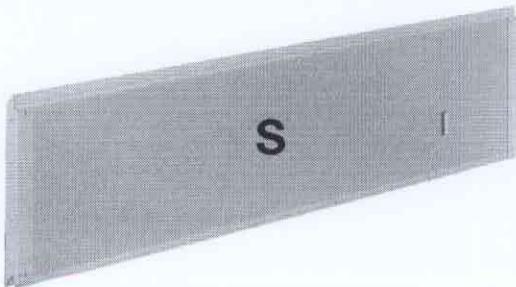
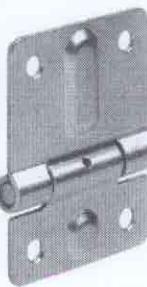
**a****b****ca****cb****cb-a****cc****d****e**

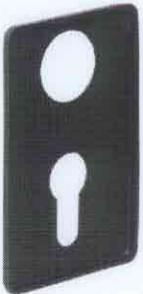
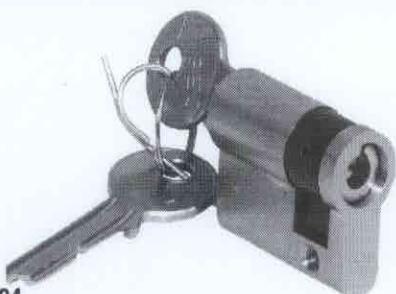
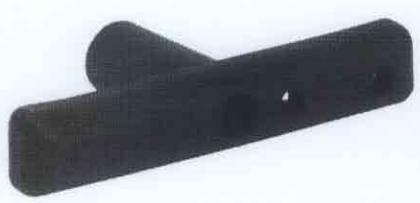
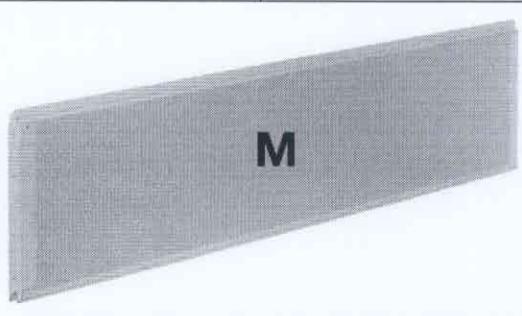
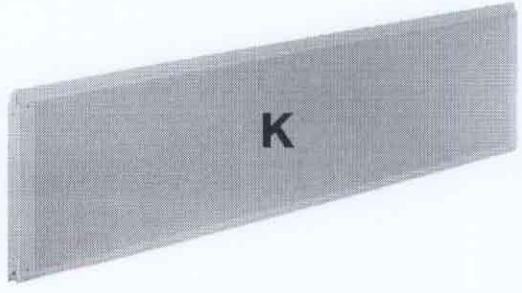
- (D) Einzelteilliste für Sektionaltore  
Novoferm E® mit Torsionsfederwelle  
(vornliegend – VL, hintenliegend – HL)
- (GB) Part list for Novoferm E® sectional doors  
with torsion spring  
(front-mounted – VL, rear-mounted – HL)
- (F) Liste des pièces individuelles pour portes  
sectionnelles Novoferm E® avec arbre  
de ressort à torsion  
(à l'avant – VL, à l'arrière – HL)
- (NL) Lijst met reserveonderdelen voor  
sectiedeuren Novoferm E® met torsieveeras  
(aan de voorzijde – VL, aan de achterzijde – HL)

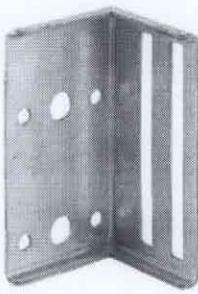
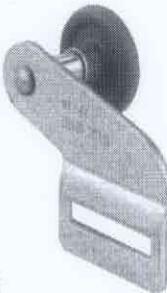
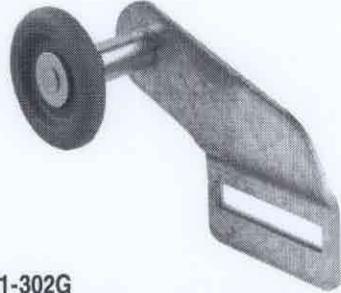
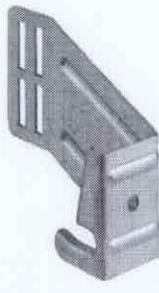
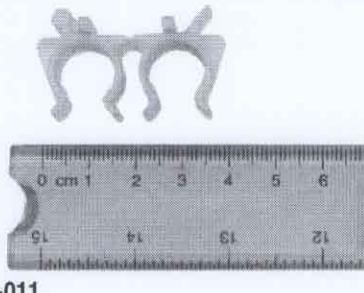
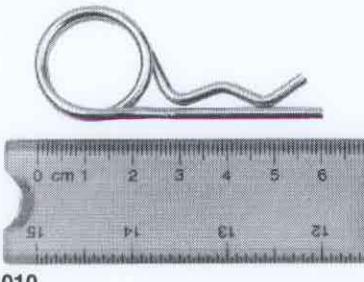
**VL + HL****1R****1L****3****4L****4R****6****7****13****14R****14L**

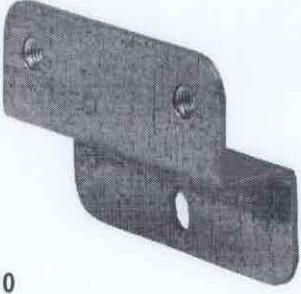
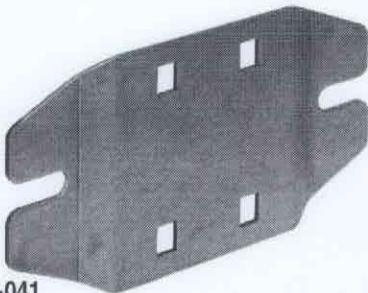
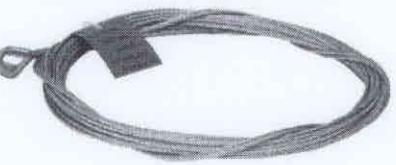
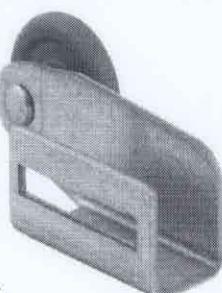
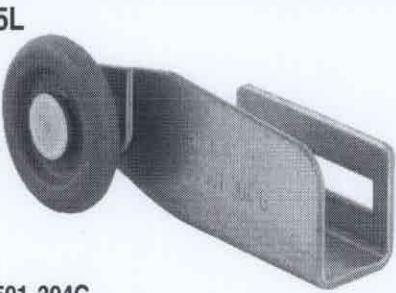
## VL + HL

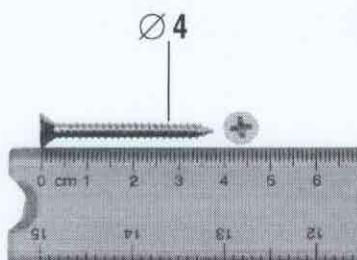
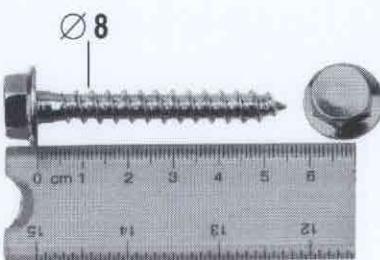
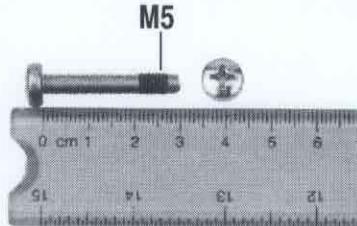
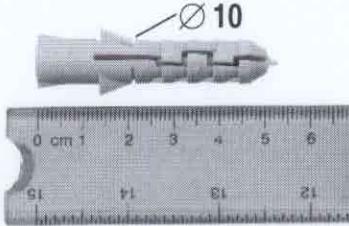
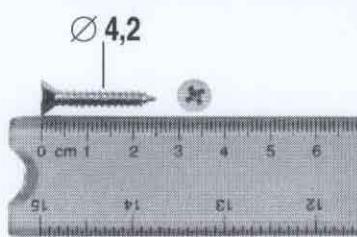
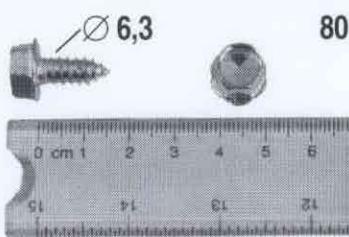
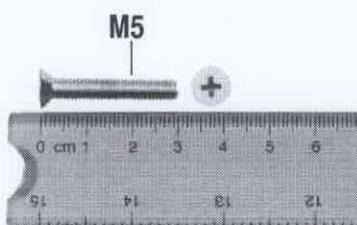
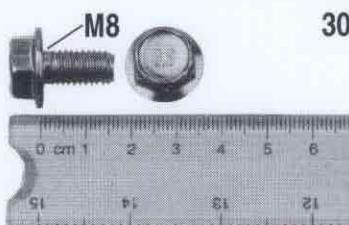
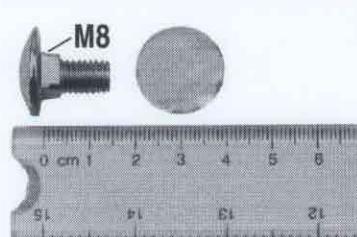
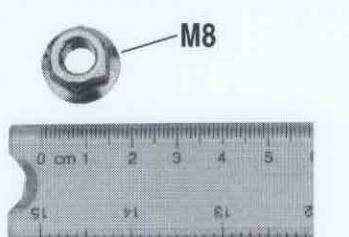
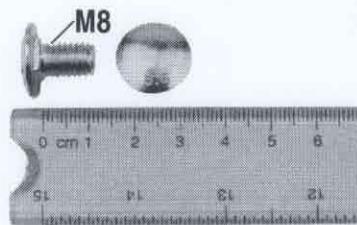
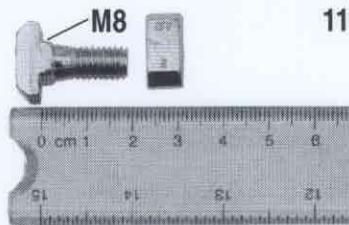
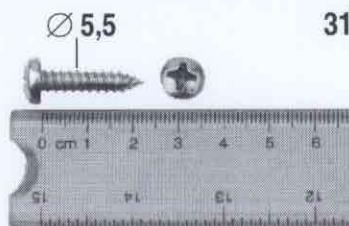
16L 11500-007	16R 11500-008	18 30592-002
19 30592-001	20L 30280-000	20R 30281-000
21L 30501-019	21R 30501-020	27 82570-001
28 30085	29 30059	30 42000-001
35R	35L	
37 65340	38 65330	

44		45L  36001-001
45R  360001-002	47  36008-001	48R  36004-003
48L  36004-002	49  36009-001	56  36010-001
57R  36002-002	57L  36002-001	
59  30462	60  30501-204	61  36006-001
67 		68  36004-001

69  64535-...	70  30545-002	71  30546-002
72  30546-011	73  30539	74  30024
	76  64581	77  30540
78  64565	79  30503-010G	80  65977-...      65978-001 f. Kass.
86 		
87 		

88R 30501-314 	88L 30501-313 	
90R 30501-301G 	90L 30501-302G 	
92 30107 	93R 30503-012 	93L 30503-011 
94 30503-013 	95 11100-011 	96 65170-... 
97 30501-010 	98L 30501-011 	98R 30501-031 

100  30501-110	101R  30501-200G	101L  30501-199G
103  11400-041	104  BRH ≤ 2375 → 30089-002 (L = 5900 mm) BRH = 2376 ... 2875 → 30089-003 (L = 6900 mm) BRH = 2876 ... 3125 → 30089-004 (L = 7500 mm)	
105R  30501-303G	105L  30501-304G	

S1		30541	S8		30087
S2		64513	S9		30255
S3		30542	S10		80161 009
S4		-	S11		30501 016
S5		30536	S12		30233
S6		30317	S13		11000 006
			S14		31433 011