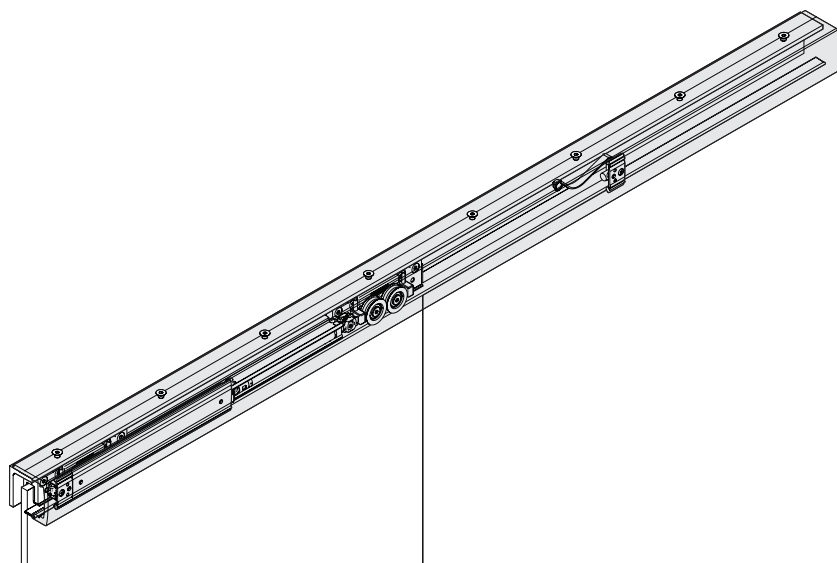




Levolan 150



151617-00

GEZE

2 mm
2,5 mm
3 mm
4 mm
4 mm

FH : FB ≤ 5:1

EN 1527
EN 1670

Levolan 150	150 kg
Levolan Softstop	80 kg

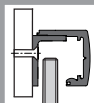
GEZE Levolan 150 SoftStop

			FB [mm]	T [mm]
			650-1000	377
		Duo	860-1365	587
M1	M1	M2	975-1365	703
L1	L1	L2	1365-1700	1093

=
ESG
EN 12150-1
TEMPERED

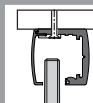
=
VSG/LSG
EN ISO
12543-1

i



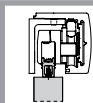
i+

A



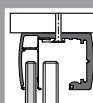
i+

B



i+

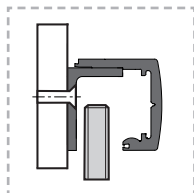
C



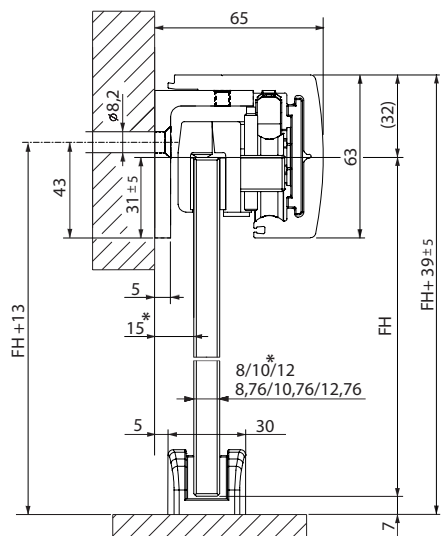
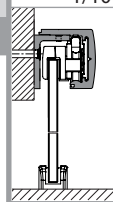
D



i

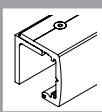


1/10

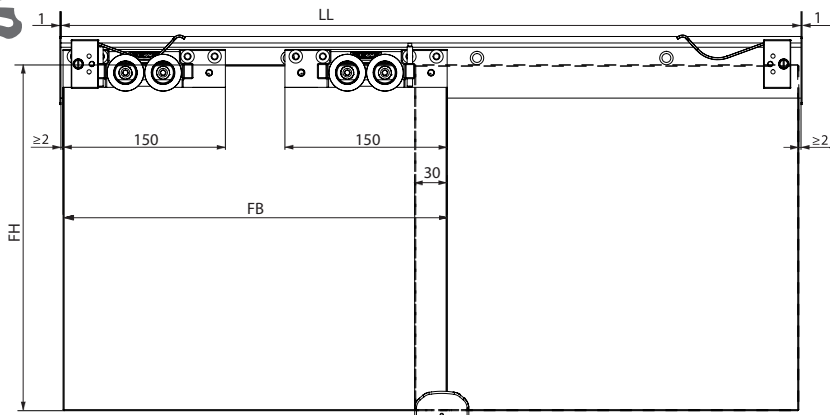


[mm]

1



$$LL = 2 * FB - 30 + 4$$



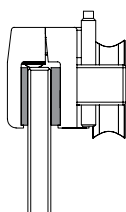
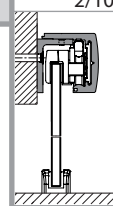
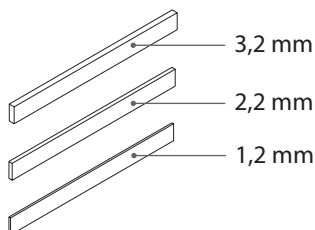
[mm]

2

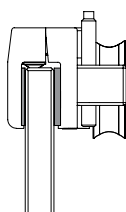
2/10



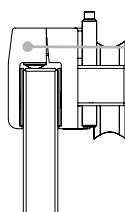
ESG
EN 12150-1
TEMPERED



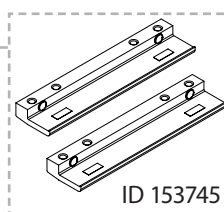
1x2,2 mm
1x3,2 mm
ESG 8 mm



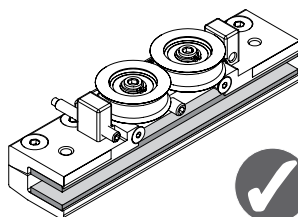
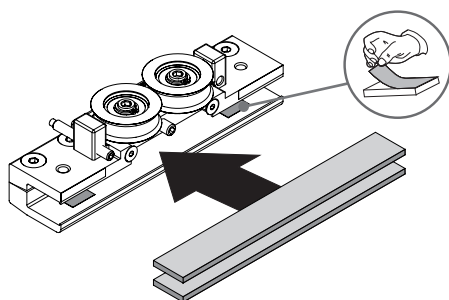
1x1,2 mm
1x2,2 mm
ESG 10 mm



2x1,2 mm
ESG 12 mm



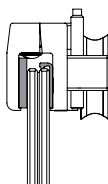
ID 153745



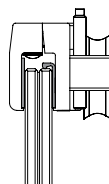
VSG/LSG
EN ISO
12543-1



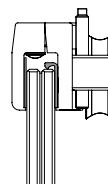
ID 133034



1x
1x 3,2 mm
VSG 8,76 mm



1x
1x 2,2 mm
VSG 10,76 mm

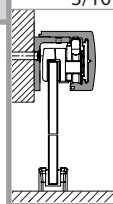
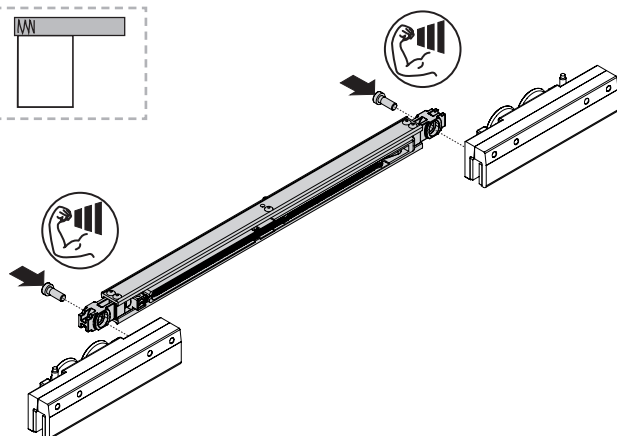
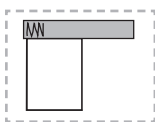


1x
1x 1 mm
VSG 12,76 mm

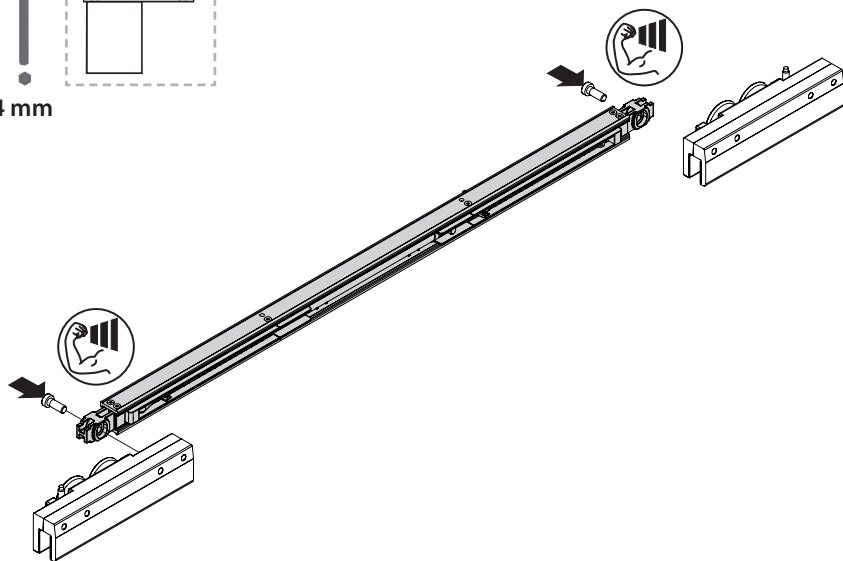
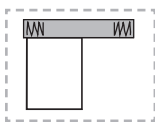
3

3/10

4 mm



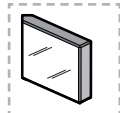
4 mm



4

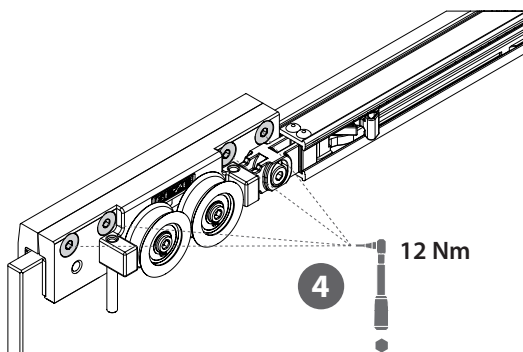
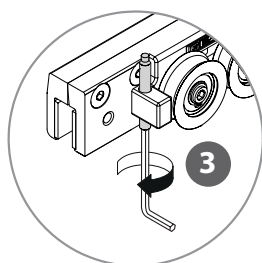
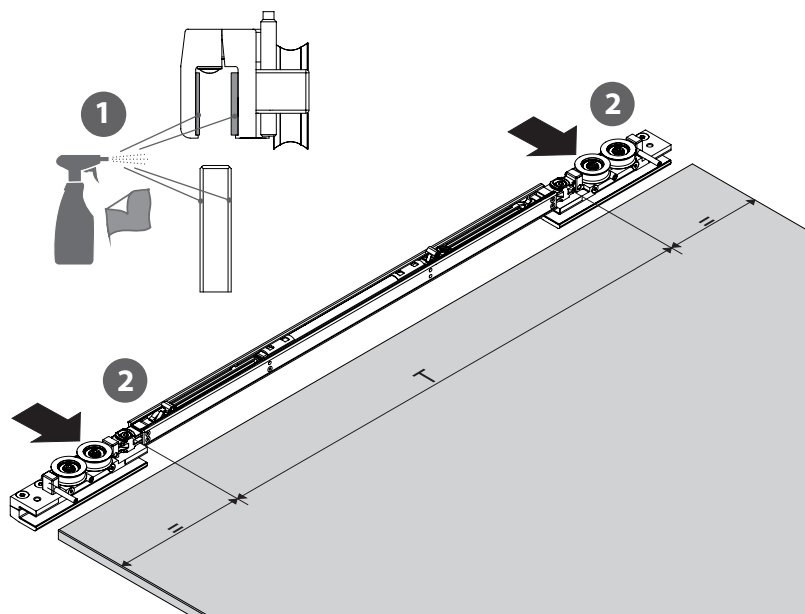
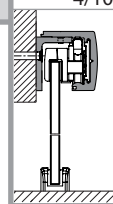
T

4/10



ESG
EN 12150-1
TEMPERED

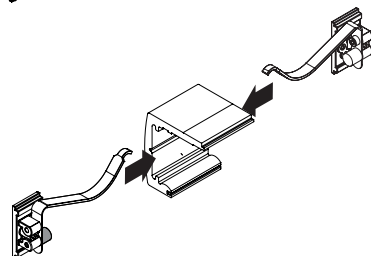
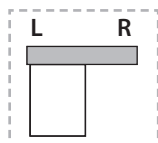
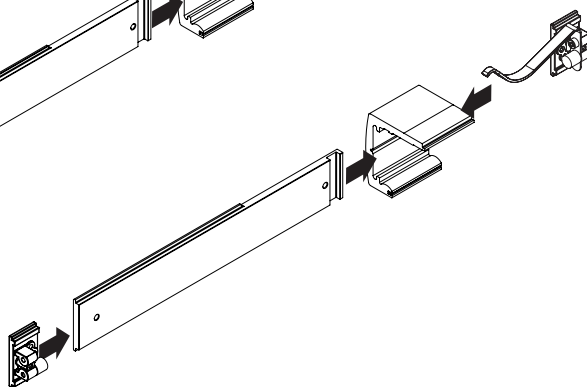
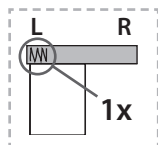
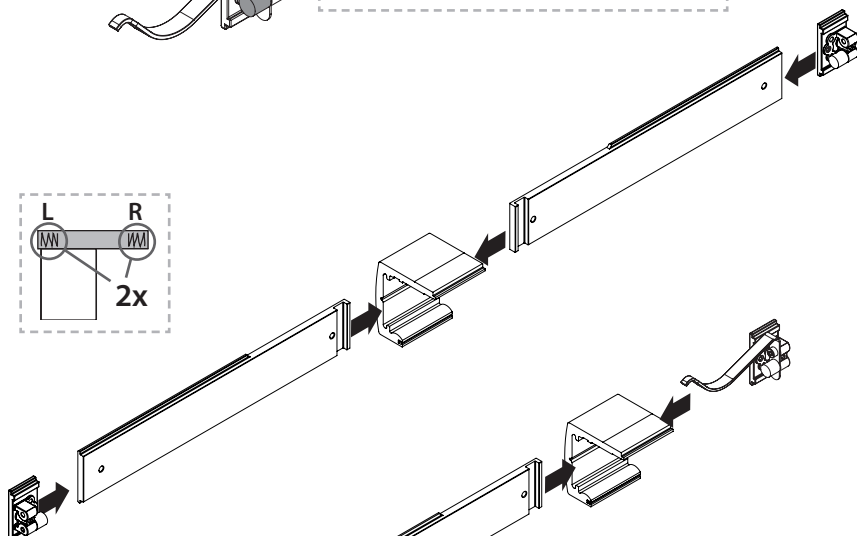
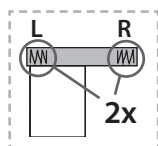
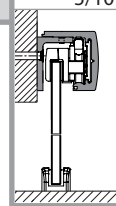
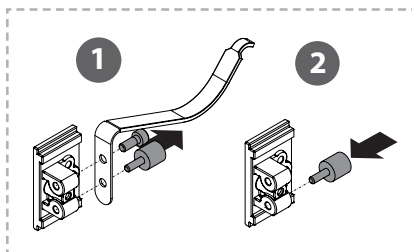
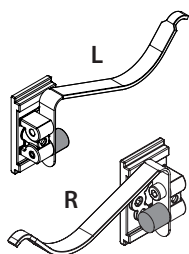
T =

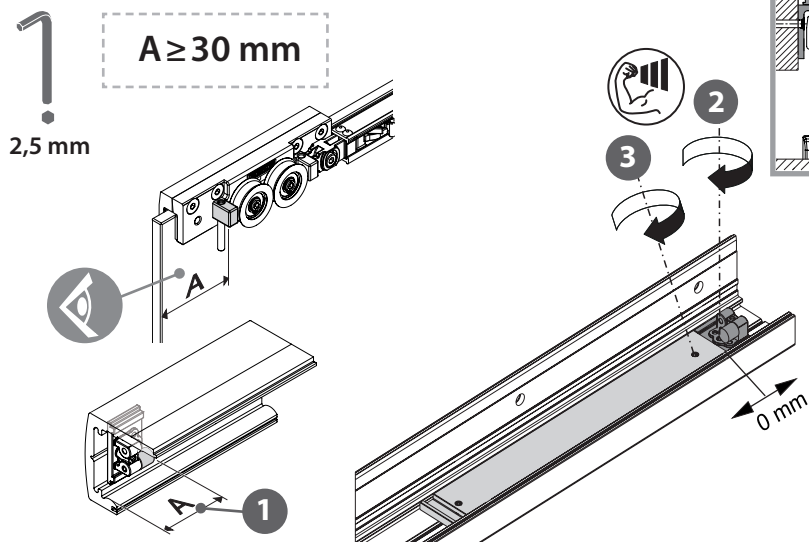


5

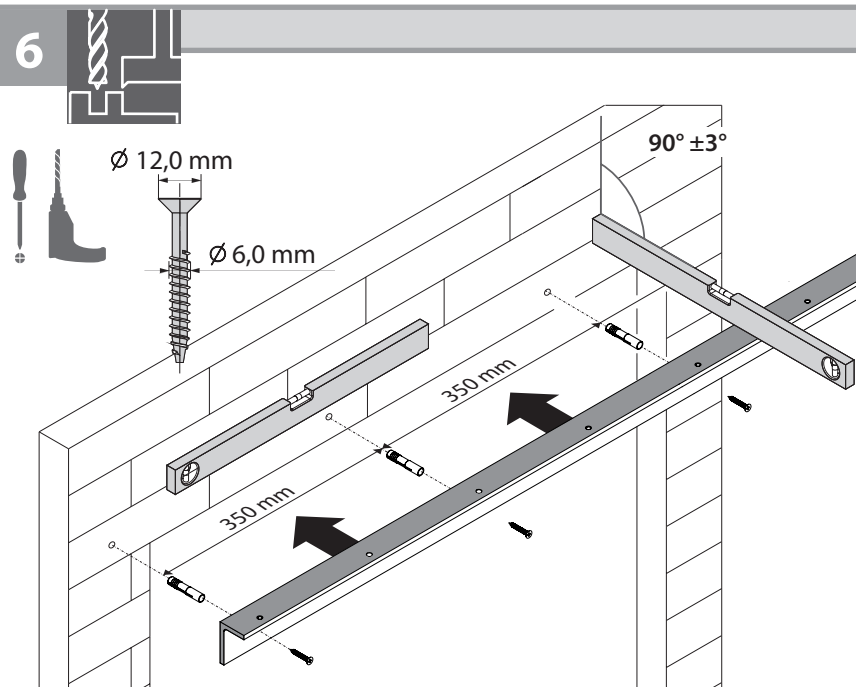
5/10

3 mm





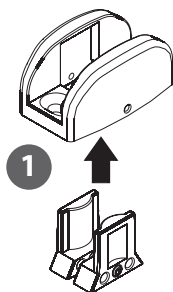
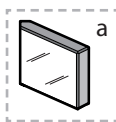
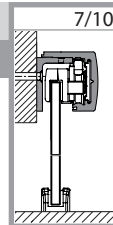
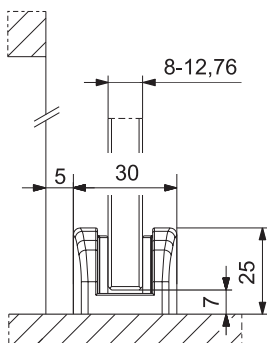
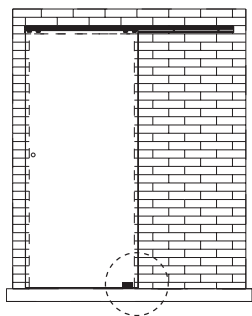
6



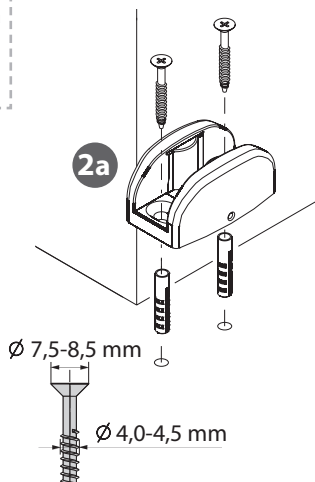
7



7/10



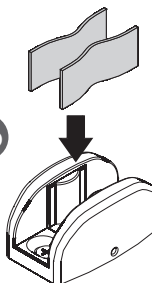
2a



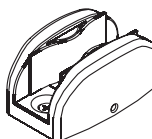
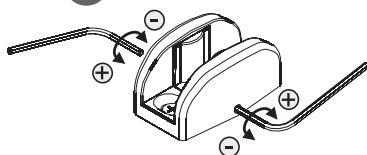
EN 572-2
EN 572-5



2b

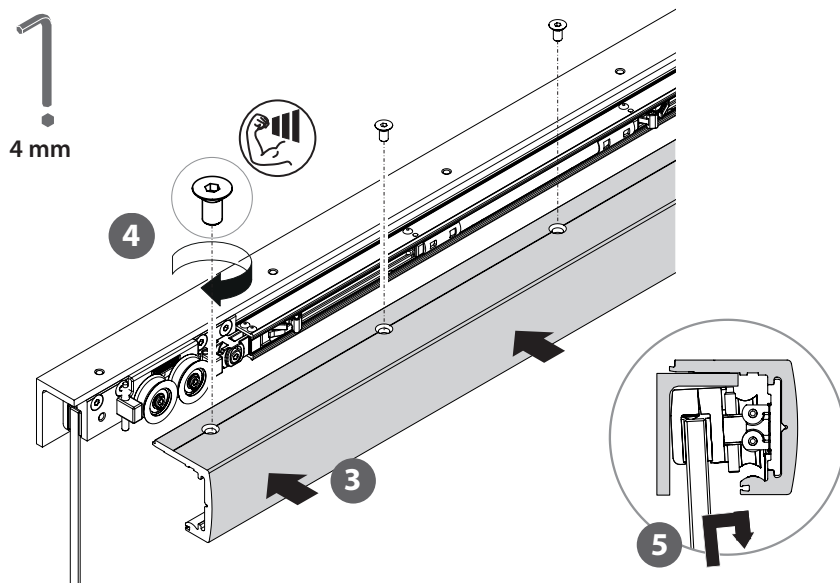
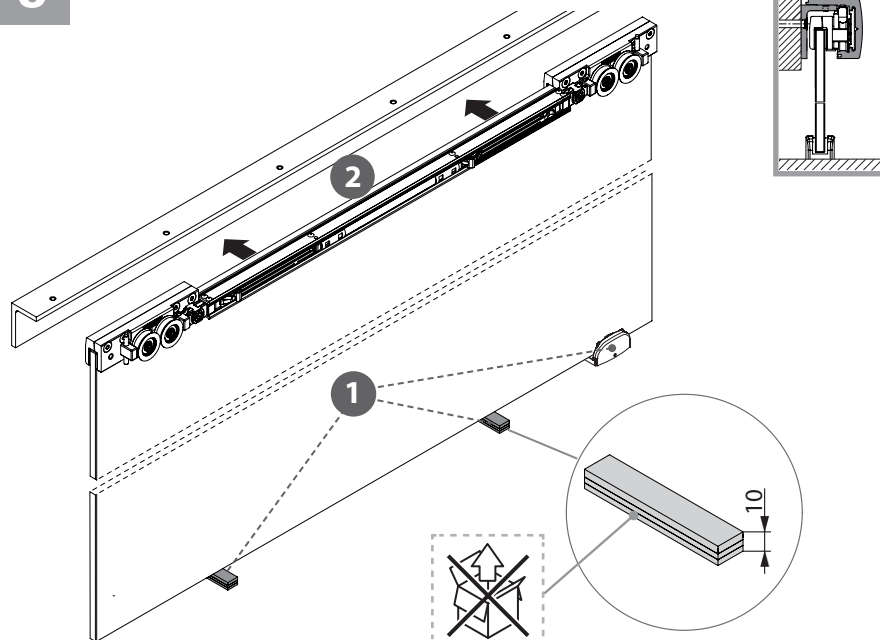


3



8

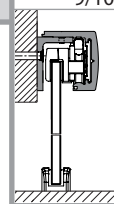
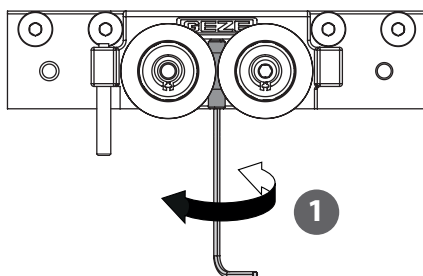
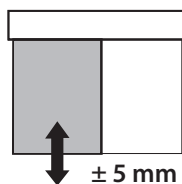
8/10



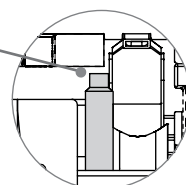
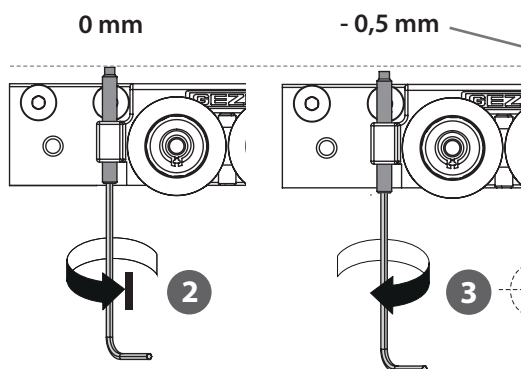
9

9/10

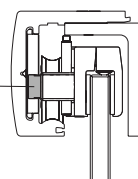
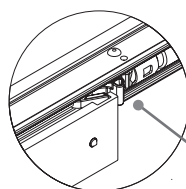
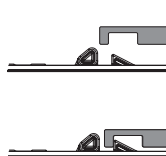
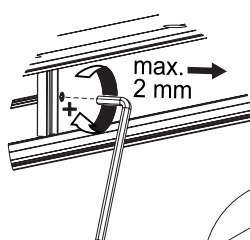
3 mm



2,5 mm

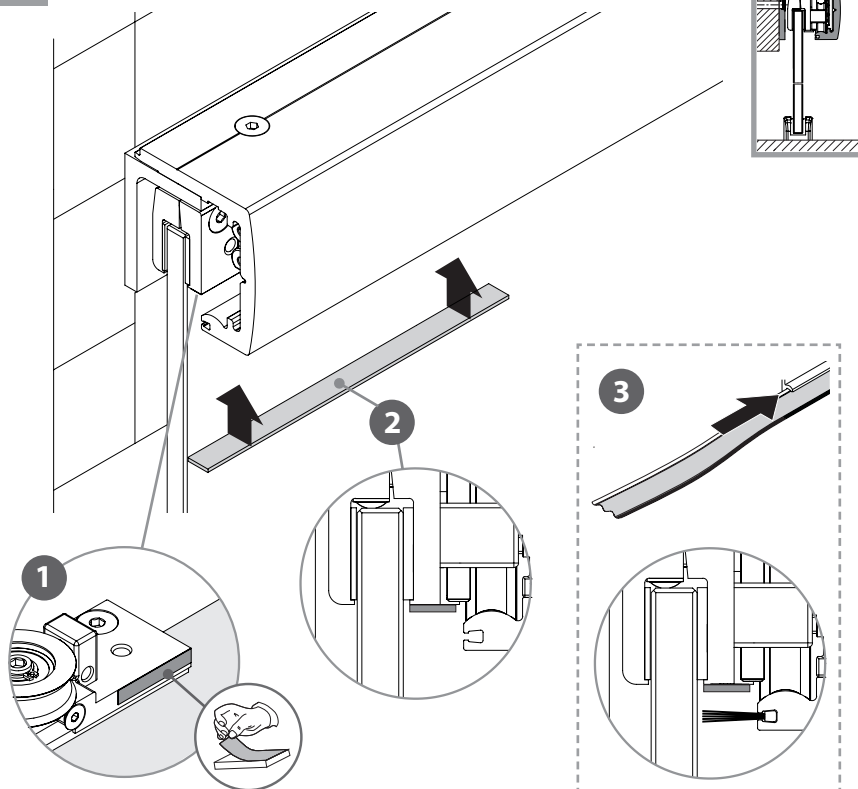


2,5 mm

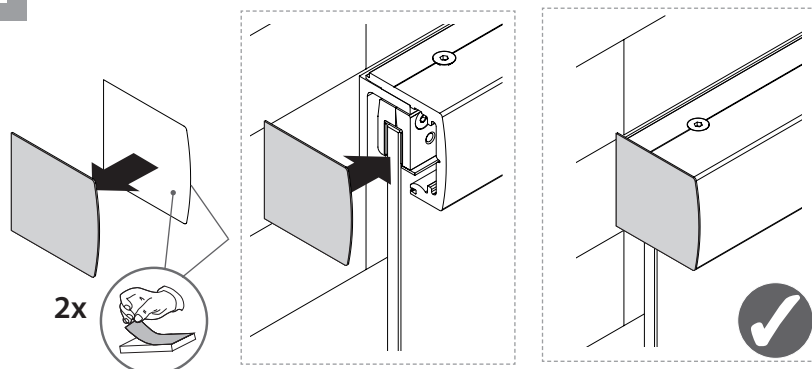


10

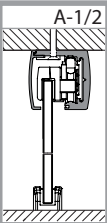
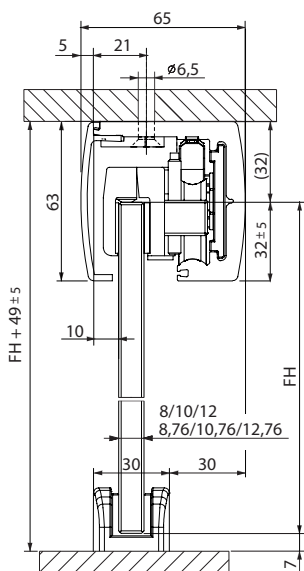
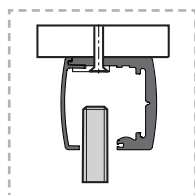
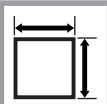
10/10



11



A



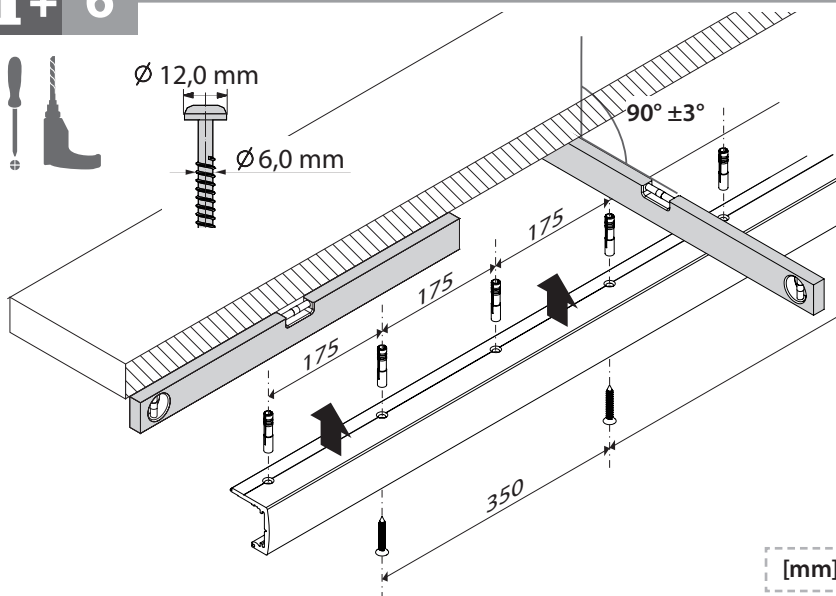
[mm]

i+ 6



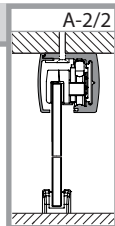
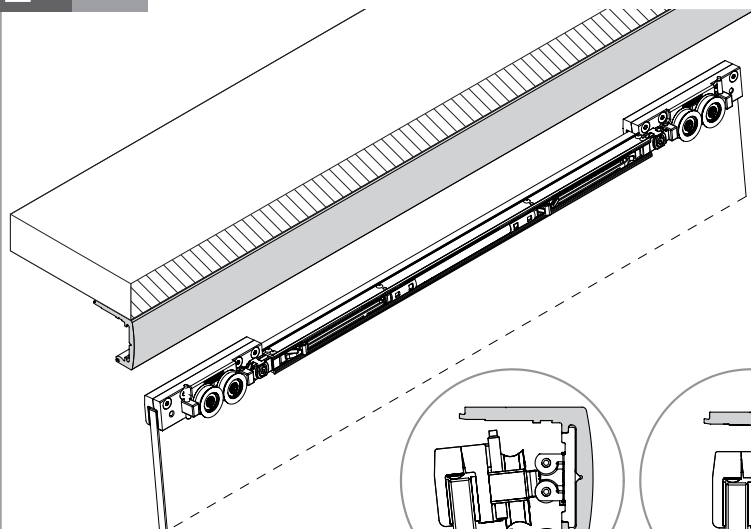
Ø 12,0 mm

Ø 6,0 mm



[mm]

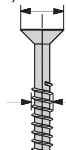
i+ 8



i+ 11



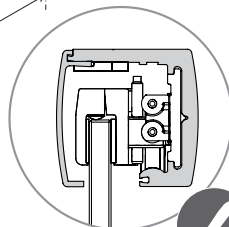
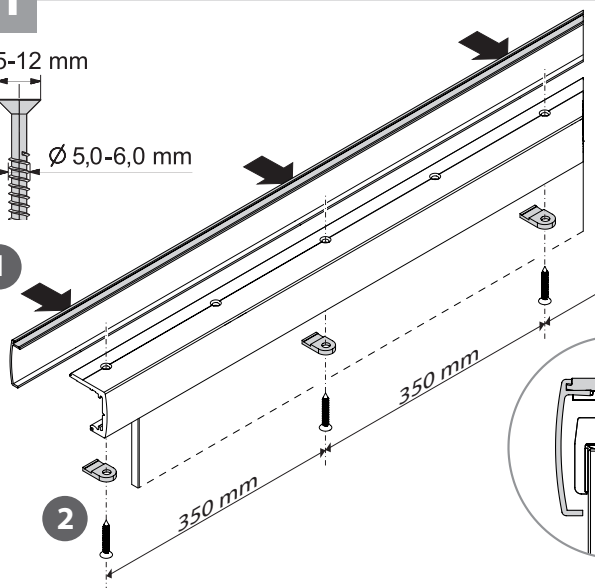
Ø 9,5-12 mm



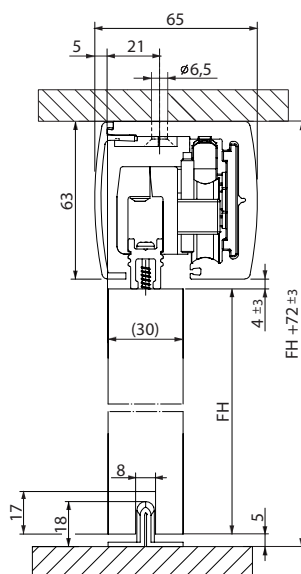
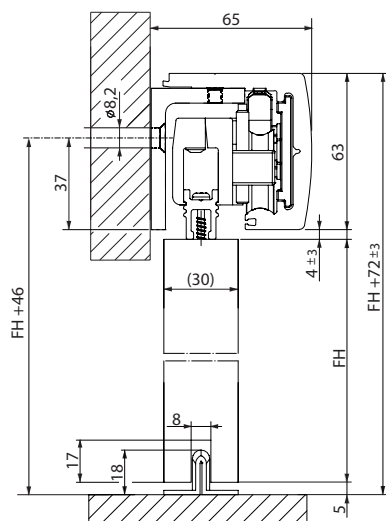
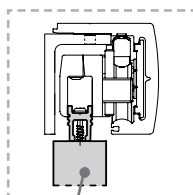
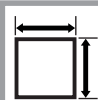
Ø 5,0-6,0 mm

1

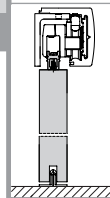
2



B

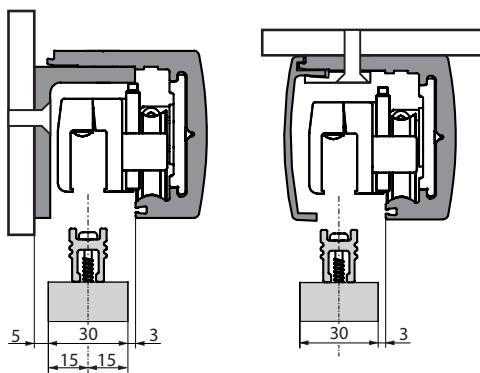
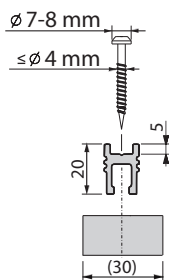


B-1/2

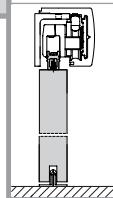


[mm]

i+ 4



B-2/2



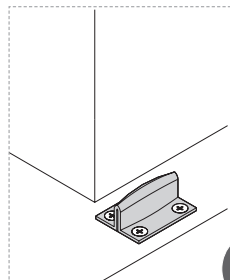
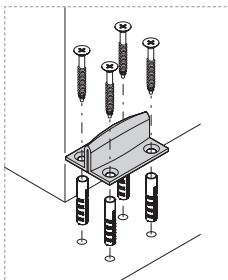
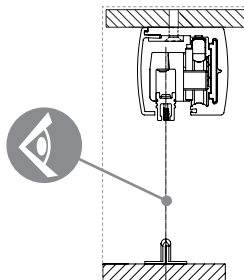
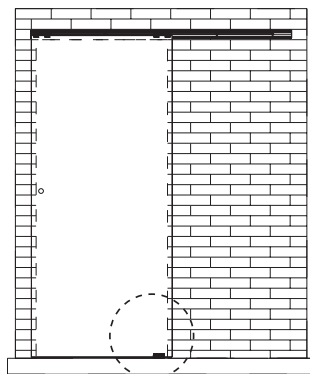
[mm]

i+ 7



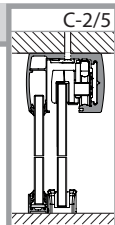
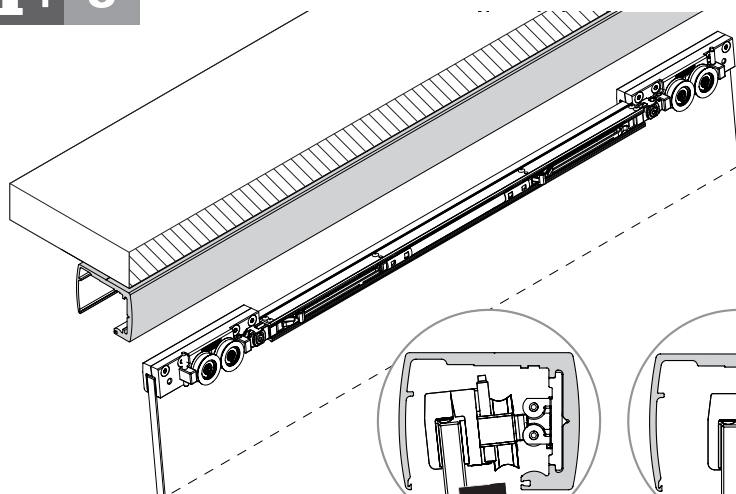
$\varnothing 5,5-7,5 \text{ mm}$

$\varnothing 3,0-4,0 \text{ mm}$

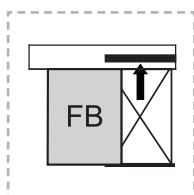




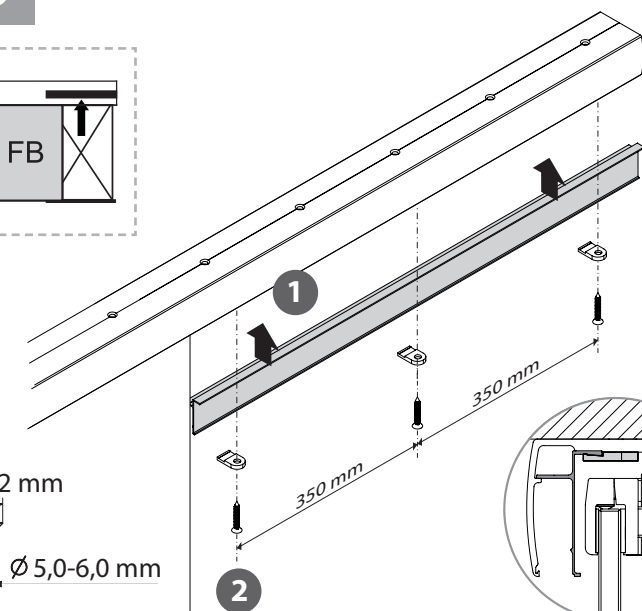
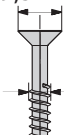
i+ 8

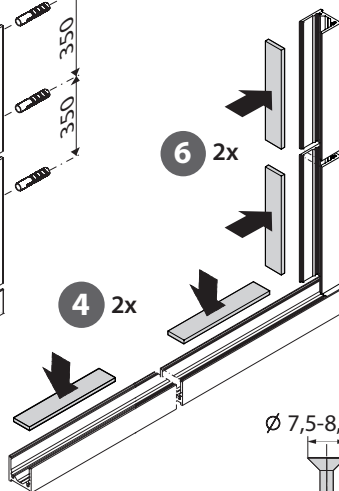
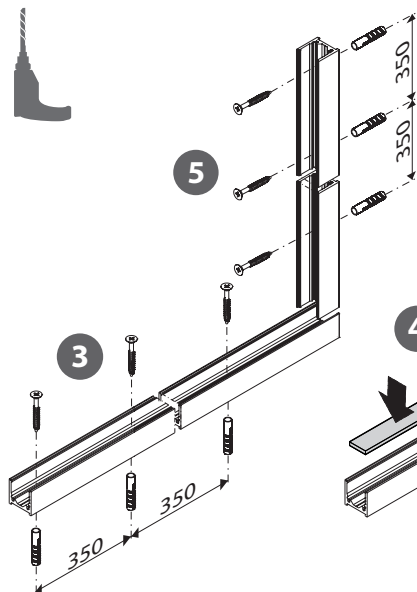


i+ 9



Ø 9,5-12 mm

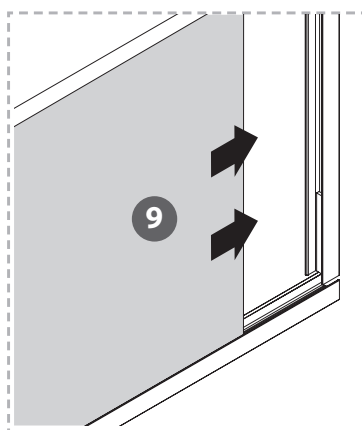
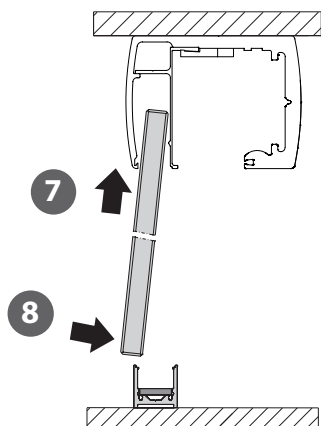
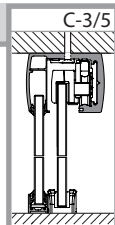




Ø 7,5-8,5 mm

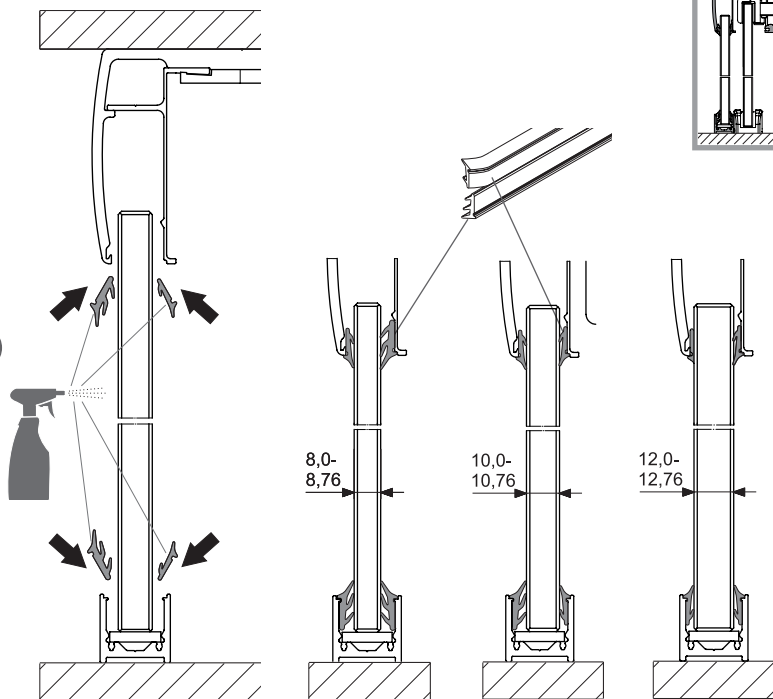
Ø 4,0-4,5 mm

[mm]

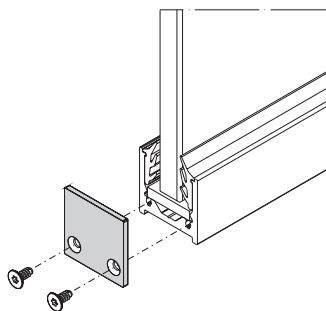


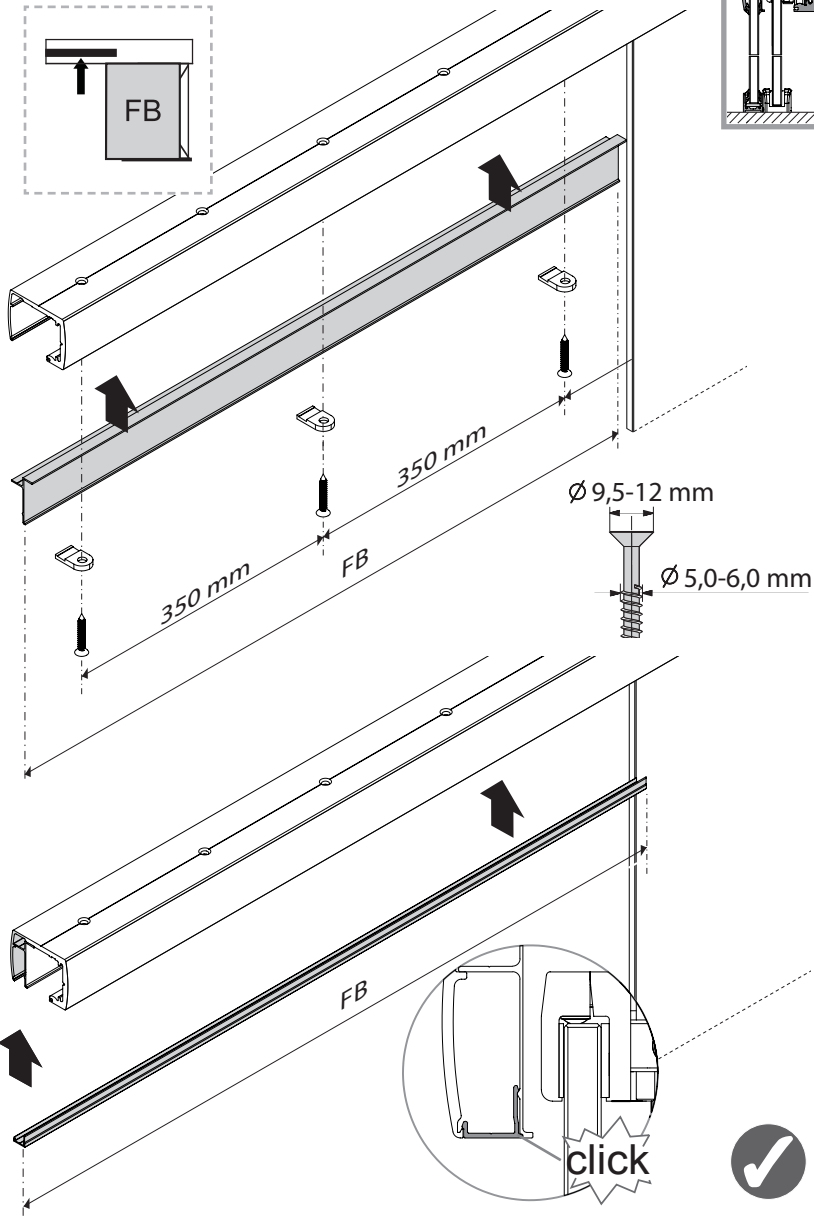
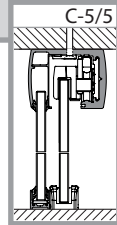
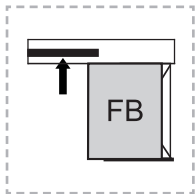
C-4/5

10

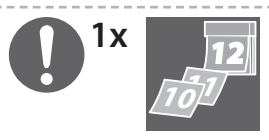
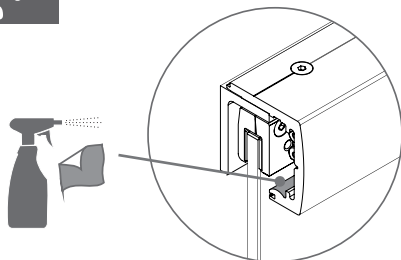


i+ 11





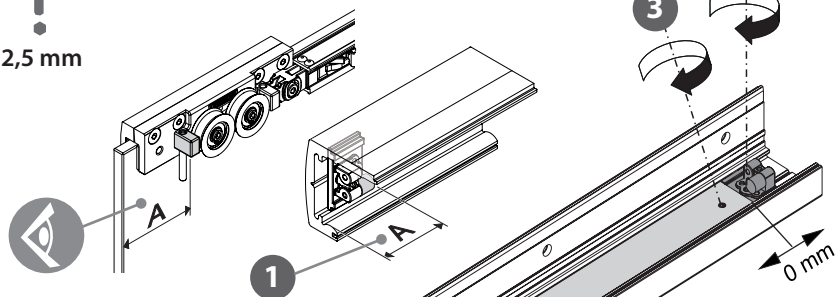
D



i+ 5

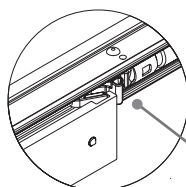
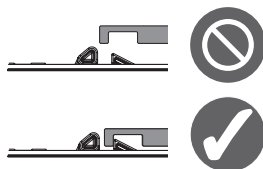
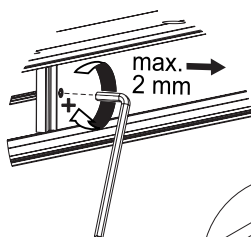
1
2,5 mm

$A \geq 30 \text{ mm}$

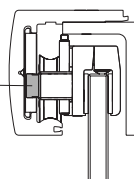


i+ 9

1
2,5 mm



click



Germany

GEZE Sonderkonstruktionen GmbH
Planken 1
97944 Boxberg-Schweigern
Tel. +49 (0) 7930-9294-0
Fax +49 (0) 7930-9294-10
E-Mail: sk.de@geze.com

GEZE GmbH
Niederlassung Süd-West
Tel. +49 (0) 7152-203-594
E-Mail: leonberg.de@geze.com

GEZE GmbH
Niederlassung Süd-Ost
Tel. +49 (0) 89-120 07 42-50
E-Mail: garching.de@geze.com

GEZE GmbH
Niederlassung Ost
Tel. +49 (0) 30-47 89 90-0
E-Mail: berlin.de@geze.com

GEZE GmbH
Niederlassung Mitte/Luxemburg
Tel. +49 (0) 6171-63610-0
E-Mail: frankfurt.de@geze.com

GEZE GmbH
Niederlassung West
Tel. +49 (0) 201-83082-0
E-Mail: essen.de@geze.com

GEZE GmbH
Niederlassung Nord
Tel. +49 (0) 40-2 19 07 16-13
E-Mail: hamburg.de@geze.com

GEZE Service GmbH
Tel. +49 (0) 18 02/92 33 92
E-Mail: service-info.de@geze.com

Austria

GEZE Austria
E-Mail: austria.at@geze.com
www.geze.at

Baltic States

GEZE GmbH Baltic States office
E-Mail: office-latvia@geze.com
www.geze.com

Benelux

GEZE Benelux B.V.
E-Mail: benelux.nl@geze.com
www.geze.be
www.geze.nl

Bulgaria

GEZE Bulgaria - Trade
E-Mail: office-bulgaria@geze.com
www.geze.bg

China

GEZE Industries (Tianjin) Co., Ltd.
E-Mail: Sales-info@geze.com.cn
www.geze.com.cn

GEZE Industries (Tianjin) Co., Ltd.
Branch Office Shanghai
E-Mail: chinasales@geze.com.cn
www.geze.com.cn

GEZE Industries (Tianjin) Co., Ltd.
Branch Office Guangzhou
E-Mail: chinasales@geze.com.cn
www.geze.com.cn

GEZE Industries (Tianjin) Co., Ltd.
Branch Office Beijing
E-Mail: chinasales@geze.com.cn
www.geze.com.cn

France

GEZE France S.A.R.L.
E-Mail: france.fr@geze.com
www.geze.fr

Hungary

GEZE Hungary Kft.
E-Mail: office-hungary@geze.com
www.geze.hu

Iberia

GEZE Iberia S.R.L.
E-Mail: info@geze.es
www.geze.es

India

GEZE India Private Ltd.
E-Mail: office-india@geze.com
www.geze.in

Italy

GEZE Italia S.r.l
E-Mail: italia.it@geze.com
www.geze.it

GEZE Engineering Roma S.r.l
E-Mail: roma@geze.biz
www.geze.it

Poland

GEZE Polska Sp. z o.o.
E-Mail: geze.pl@geze.com
www.geze.pl

Romania

GEZE Romania S.R.L.
E-Mail: office-romania@geze.com
www.geze.ro

Russia

OOO GEZE RUS
E-Mail: office-russia@geze.com
www.geze.ru

Scandinavia – Sweden

GEZE Scandinavia AB
E-Mail: sverige.se@geze.com
www.geze.se

Scandinavia – Norway

GEZE Scandinavia AB avd. Norge
E-Mail: norge.se@geze.com
www.geze.no

Scandinavia – Finland

Branch office of GEZE
Scandinavia AB
E-Mail: finland.se@geze.com
www.geze.com

Scandinavia – Denmark

GEZE Danmark
E-Mail: danmark.se@geze.com
www.geze.dk

Singapore

GEZE (Asia Pacific) Pte. Ltd.
E-Mail: gezeasia@geze.com.sg
www.geze.com

South Africa

GEZE Distributors (Pty) Ltd.
E-Mail: info@gezesa.co.za
www.geze.co.za

Switzerland

GEZE Schweiz AG
E-Mail: schweiz.ch@geze.com
www.geze.ch

Turkey

GEZE Kapı ve Pencere Sistemleri
E-Mail: office-turkey@geze.com
www.geze.com

Ukraine

GEZE Ukraine TOV
E-Mail: office-ukraine@geze.com
www.geze.ua

United Arab Emirates/GCC

GEZE Middle East
E-Mail: geze@emirates.net.ae
www.geze.ae

United Kingdom

GEZE UK Ltd.
E-Mail: info.uk@geze.com
www.geze.com

GEZE GmbH

P.O.Box 1363
Reinhold-Vöster-Straße 21–29
71229 Leonberg
Germany

Tel.: 0049 7152 203-0
Fax: 0049 7152 203-310
www.geze.com

151617-00



GEZE