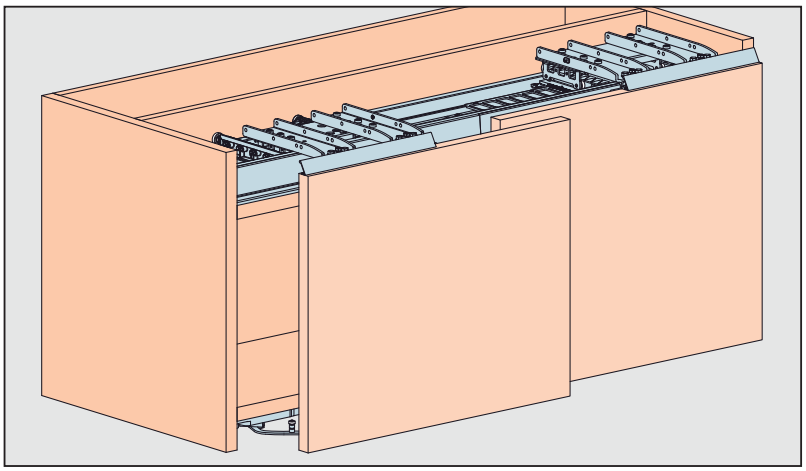
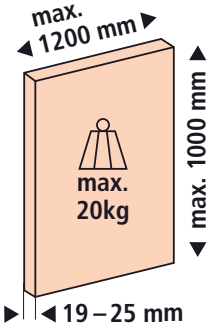
Montageanleitung
Mounting instructions
Instructions de montage

Hawa Frontino 20 H FS ol

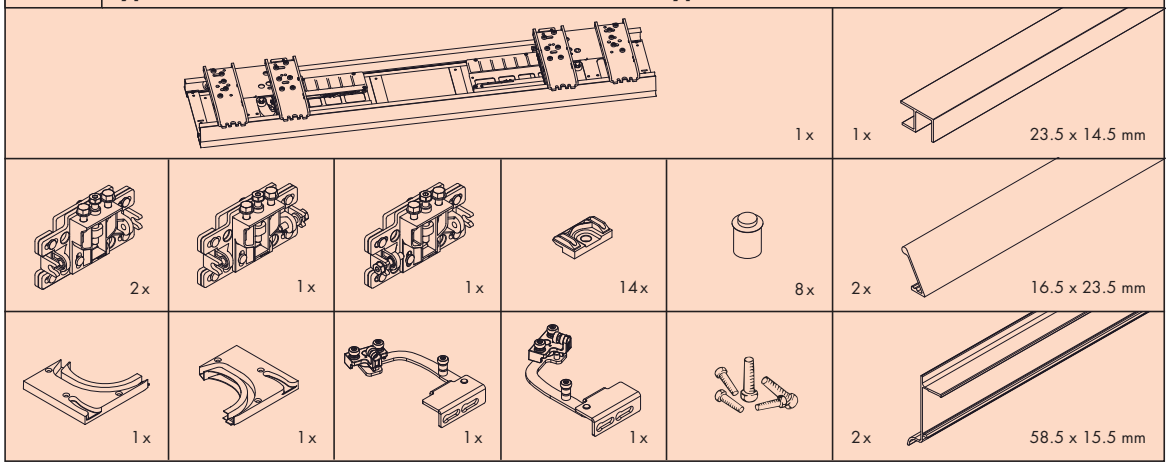




Garnituren/Sets/Guarniture

2 Türen / Doors / Ante

Typ S1 = KAM 1200–1399 mm	**053.3390.071**	**Typ S4 = KAM 1800–1999 mm**	**053.3390.074**
Typ S2 = KAM 1400–1599 mm	**053.3390.072**	**Typ S5 = KAM 2000–2199 mm**	**053.3390.075**
Typ S3 = KAM 1600–1799 mm	**053.3390.073**	**Typ S6 = KAM 2200–2400 mm**	**053.3390.076**

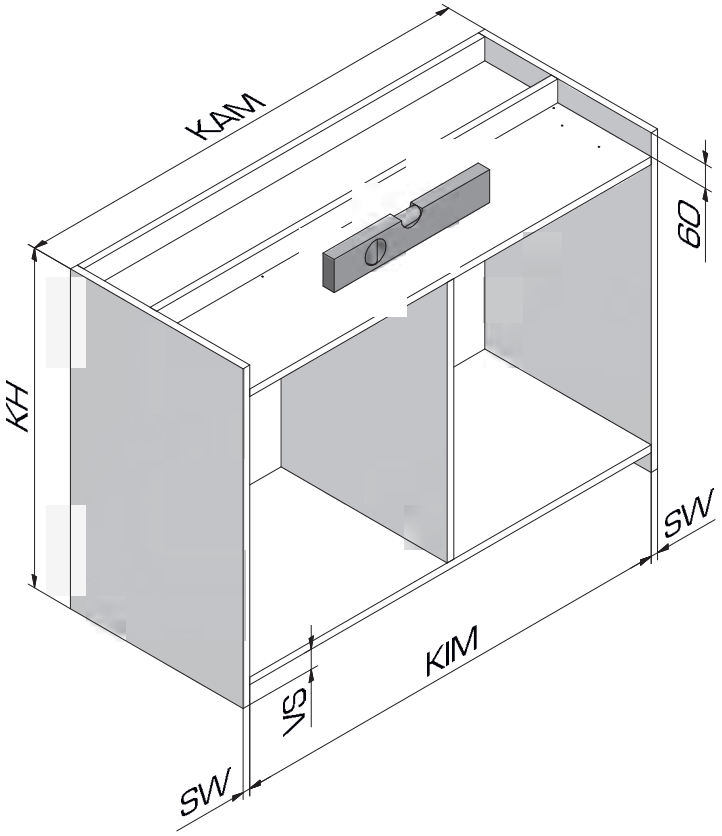


Abkürzungen/Abbrevations/Abbreviazioni			
TH	**Türhöhe**	Door height	Altezza anta
TB	**Türbreite**	Door width	Larghezza anta
W	**Position Führung**	Guide position	Posizione guida
HF	**Höhe Führung**	Height of guide	Altezza guida
X	**Bohrung Frontbefestigung**	Drill hole front fixing	Foro fissaggio frontale
KP	**Position Steuerkurve**	Position radial cam	Posizione camma

Einbaugrössen/Installation dimensions/ Dimensioni di montaggio			**E** mm	**D** mm
Typ S1	=	KAM 1200–1399 mm	231	97
Typ S2	=	KAM 1400–1599 mm	281	147
Typ S3	=	KAM 1600–1799 mm	331	197
Typ S4	=	KAM 1800–1999 mm	381	247
Typ S5	=	KAM 2000–2199 mm	431	297
Typ S6	=	KAM 2200–2400 mm	481	347

Hawa Sliding Solutions

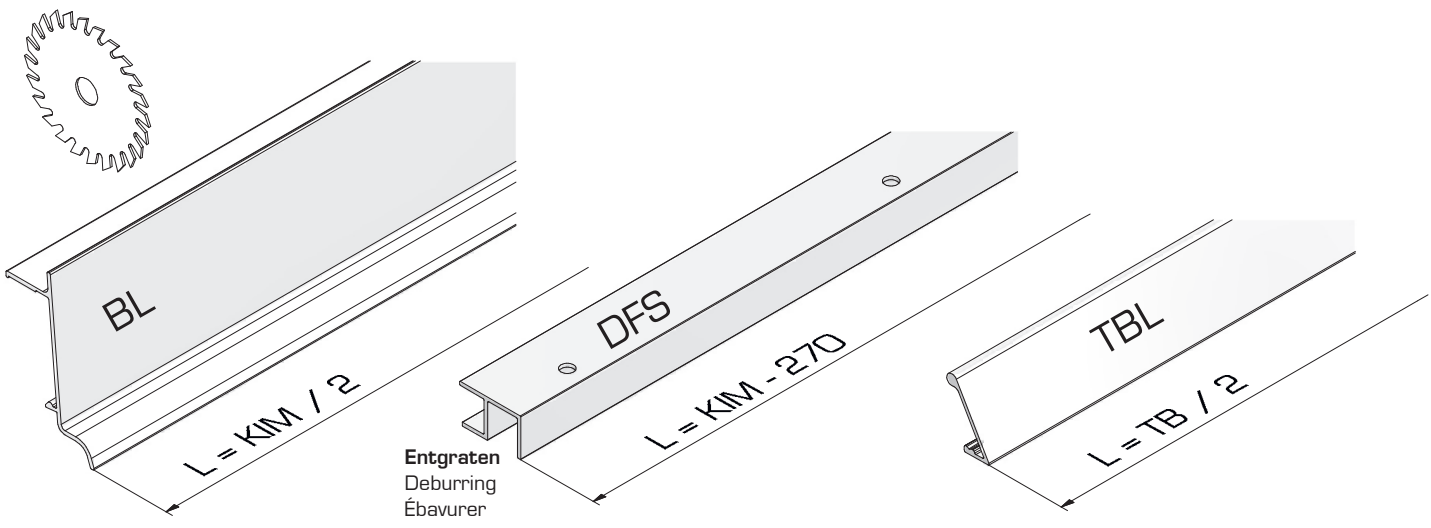
Hawa Sliding Solutions AG, Untere Fischbachstrasse 4, 8932 Mettmenstetten, Switzerland
Tel. +41 (0)44 787 17 17, Fax +41 (0)44 787 17 18, info@hawa.com, www.hawa.com



Werkzeug | Tool | Outil

PZ: 2
SW: 4
TX:
No.:
SW: 10

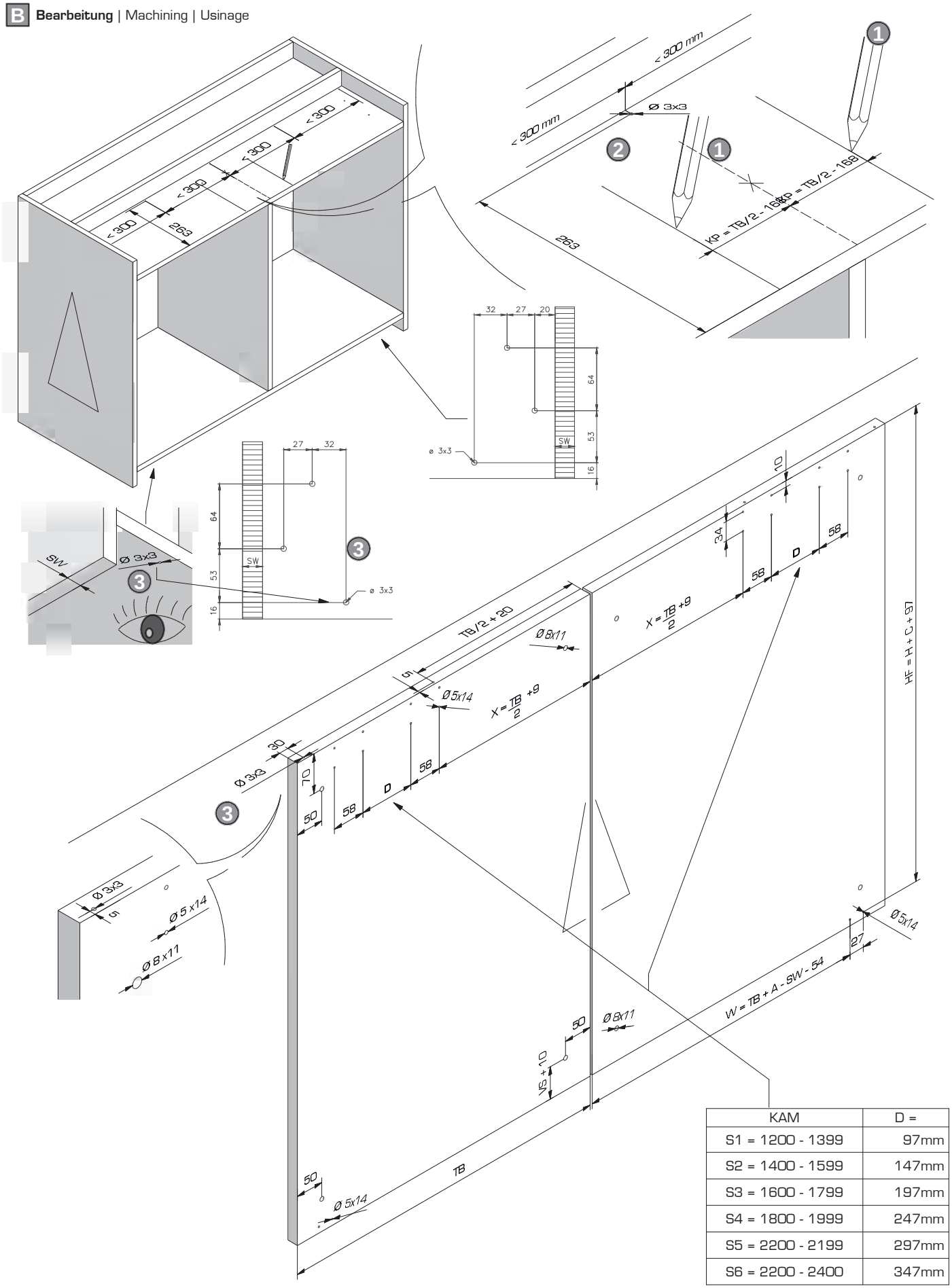
A



Entgraten
Deburring
Ébavurer

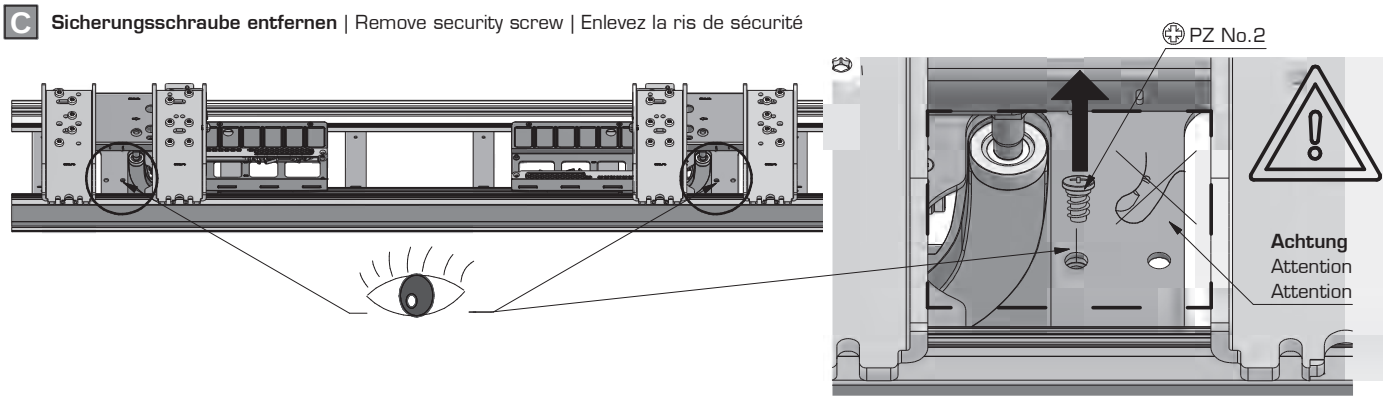
2x 053.3419 **1x** 053.3379 **2x** 053.3381

B Bearbeitung | Machining | Usinage

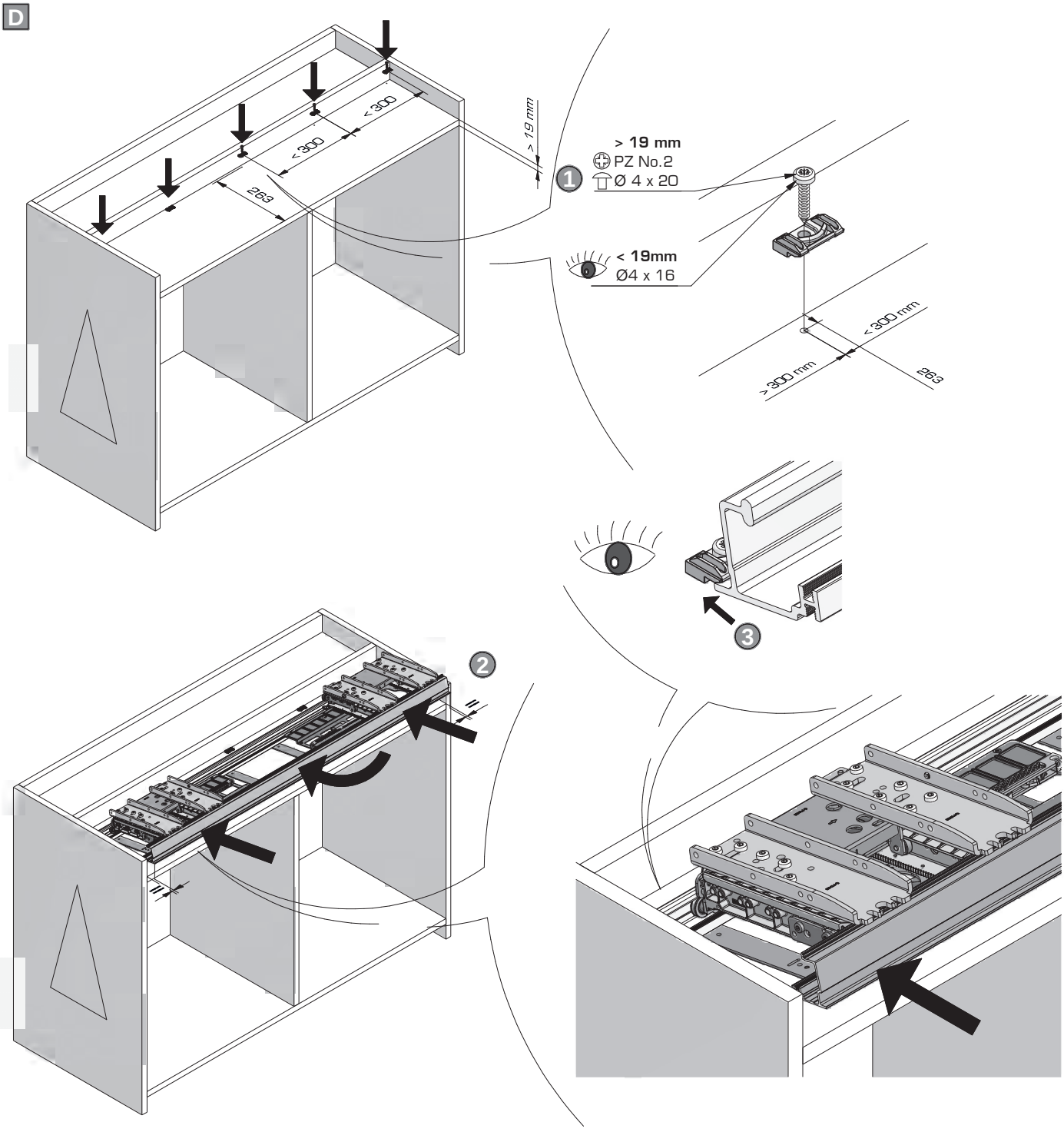


KAM	D =
S1 = 1200 - 1399	97mm
S2 = 1400 - 1599	147mm
S3 = 1600 - 1799	197mm
S4 = 1800 - 1999	247mm
S5 = 2200 - 2199	297mm
S6 = 2200 - 2400	347mm

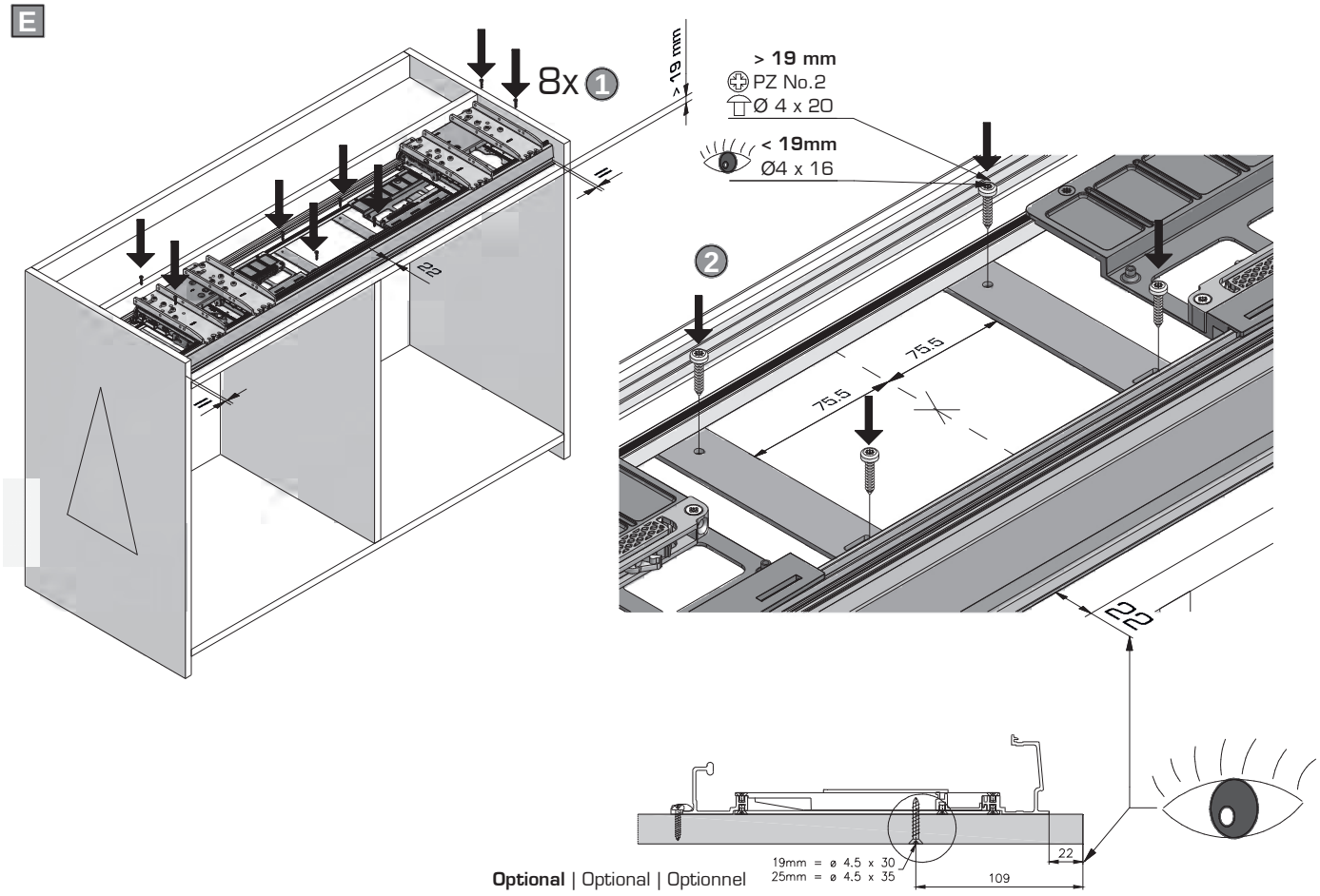
C **Sicherungsschraube entfernen** | Remove security screw | Enlevez la ris de sécurité



D

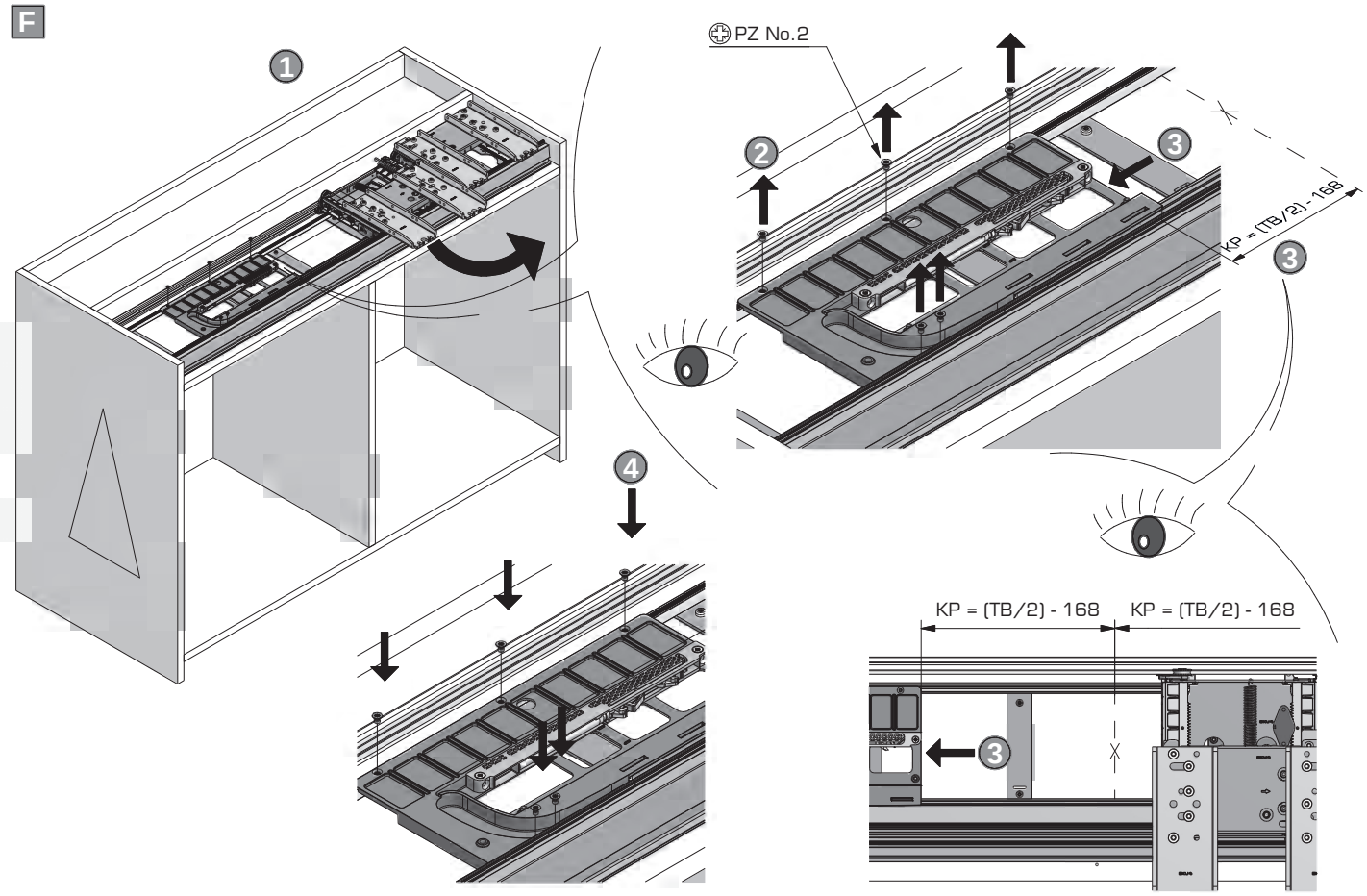


E

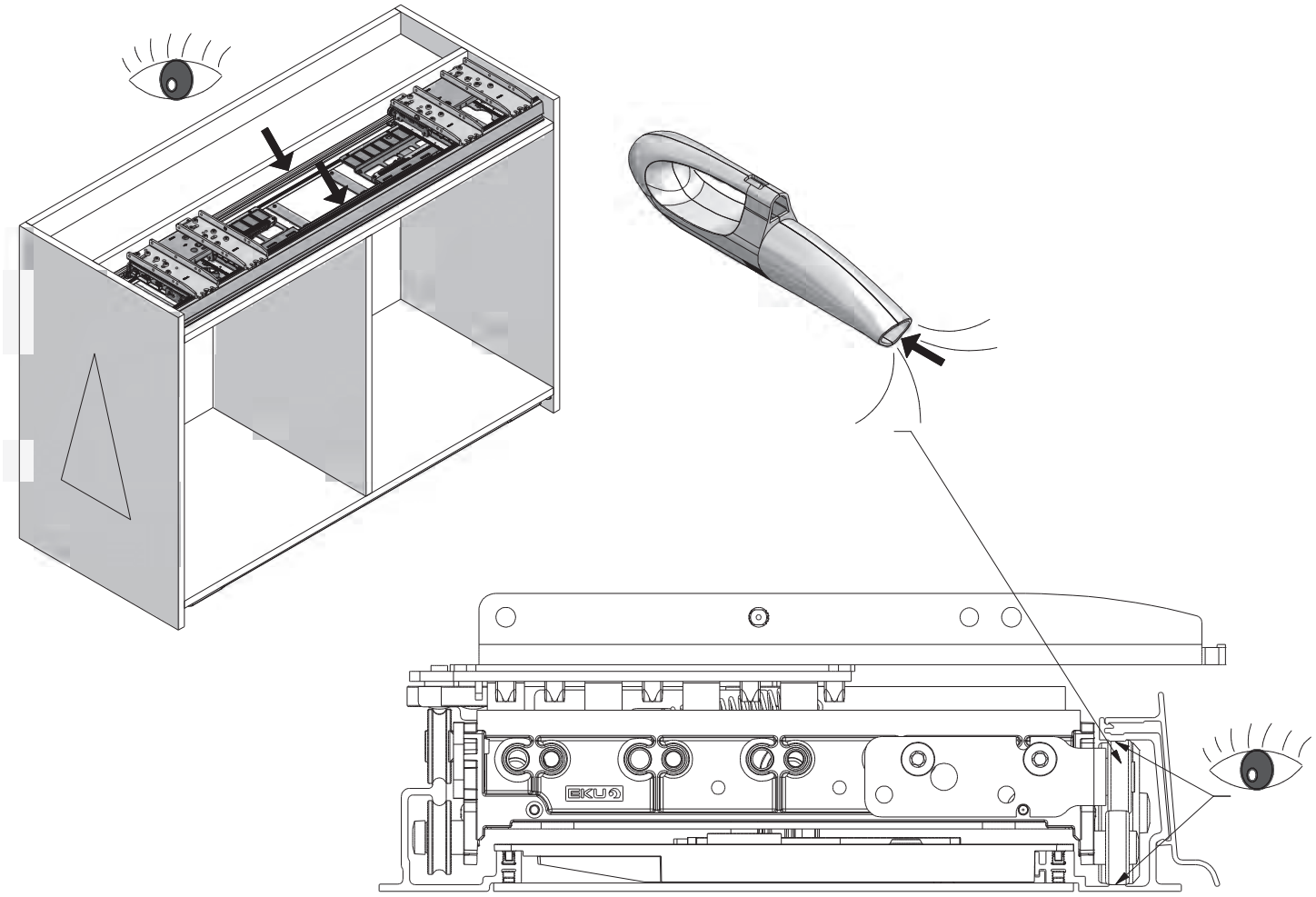


Optional | Optional | Optionnel

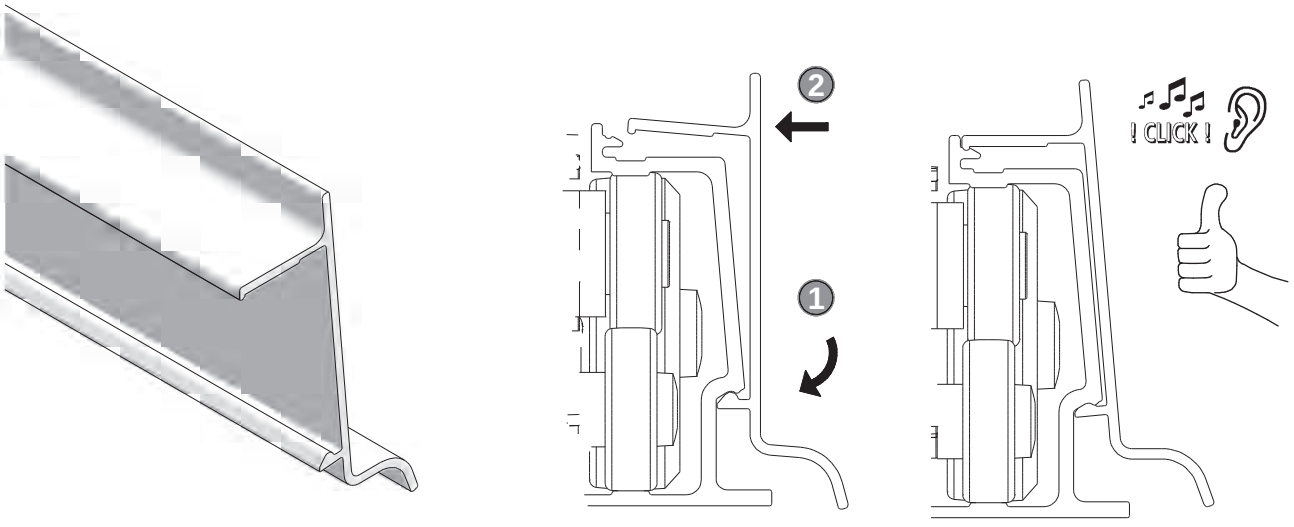
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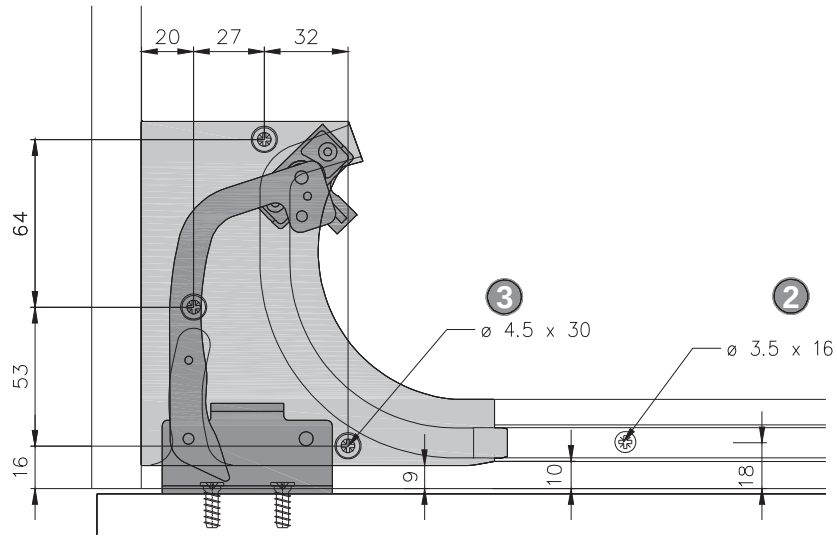
G **Schienen reinigen!** | Clean the tracks! | Nettoyez les rails!

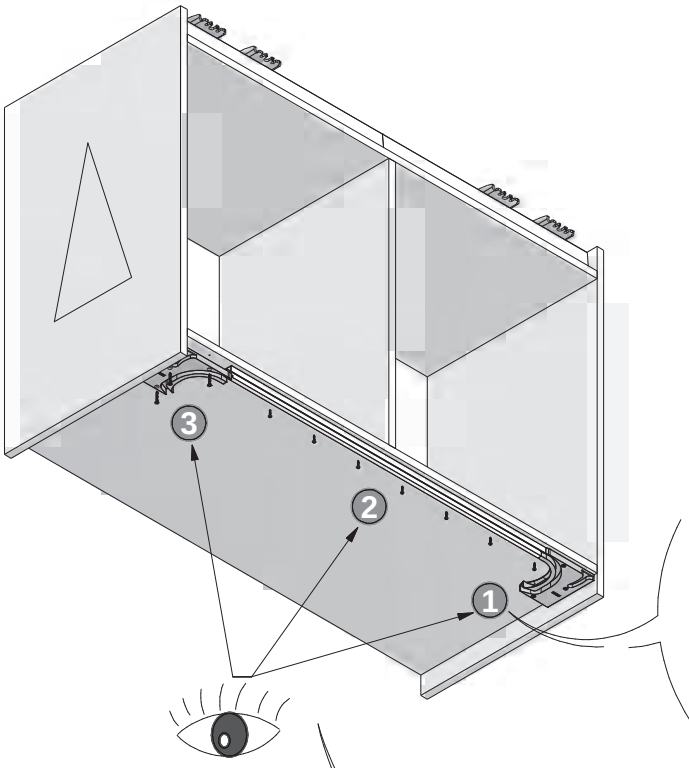


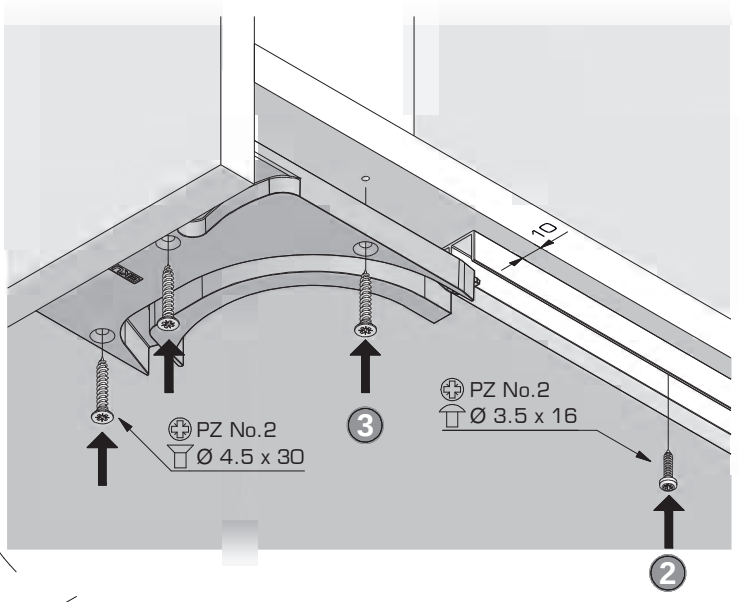
H

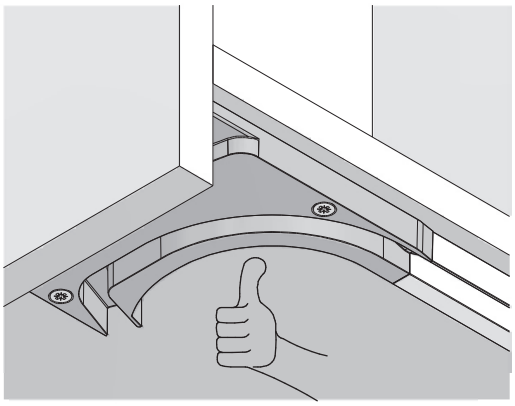


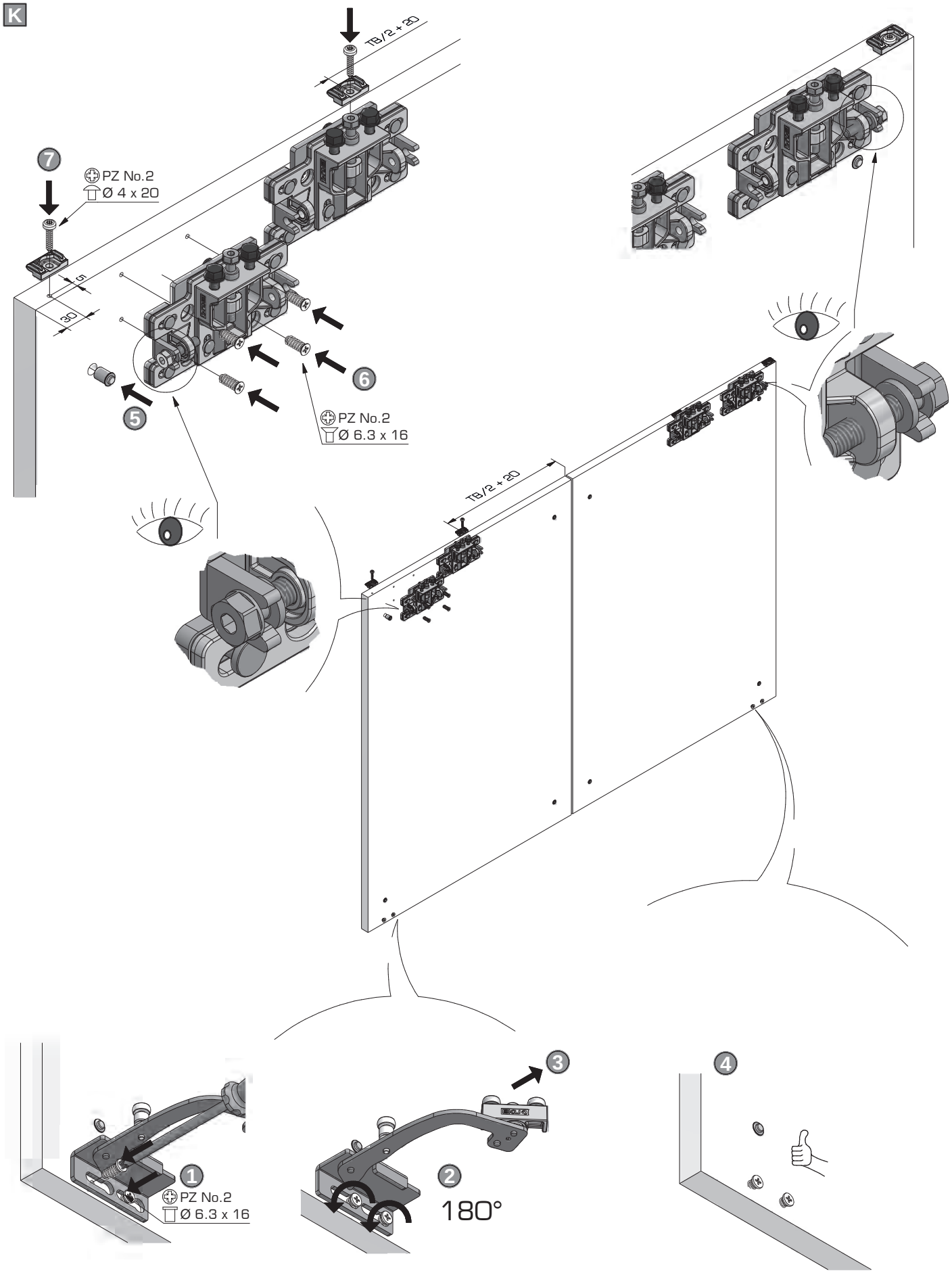
J


20
27
32
64
53
16
3
ø 4.5 x 30
2
ø 3.5 x 16
9
10
18

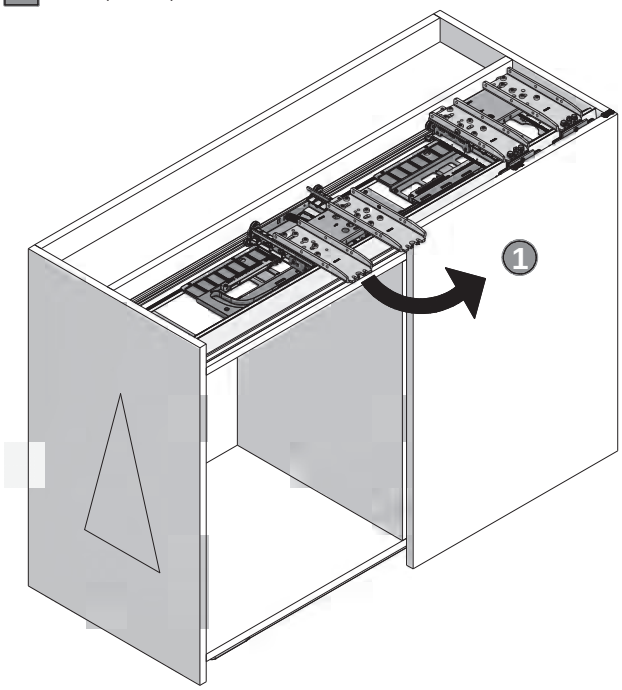

3
2
1

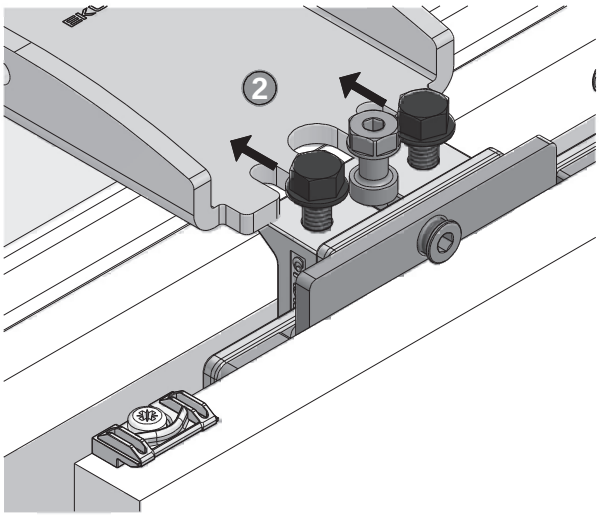

10
PZ No.2
Ø 4.5 x 30
3
PZ No.2
Ø 3.5 x 16
2

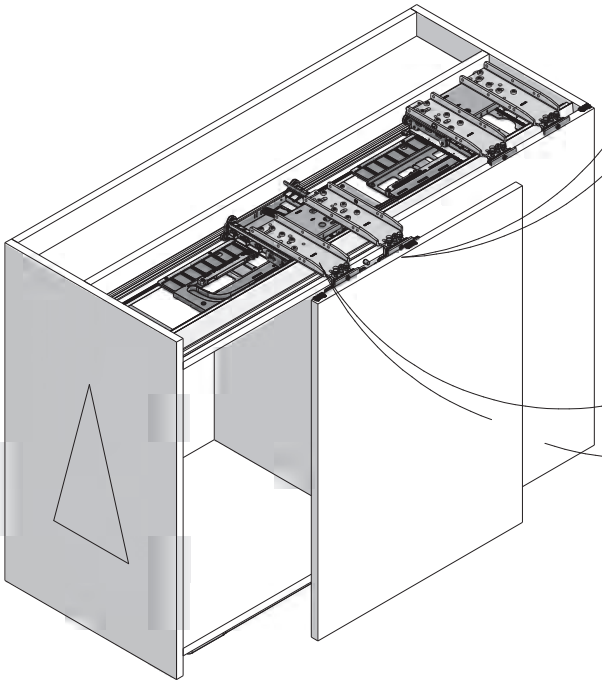


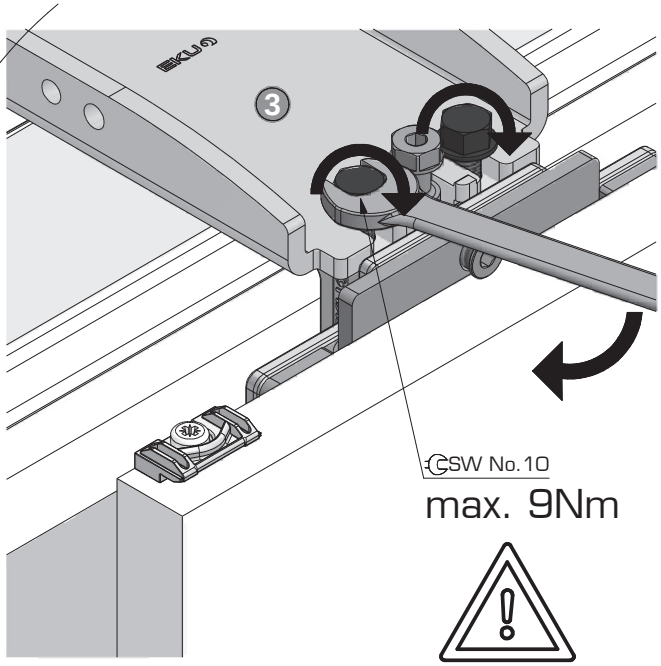

K
TB/2 + 20
7
PZ No.2
Ø 4 x 20
5
30
6
5
PZ No.2
Ø 6.3 x 16
TB/2 + 20
1
PZ No.2
Ø 6.3 x 16
2
180°
3
4

L **Türe** | Door | Porte

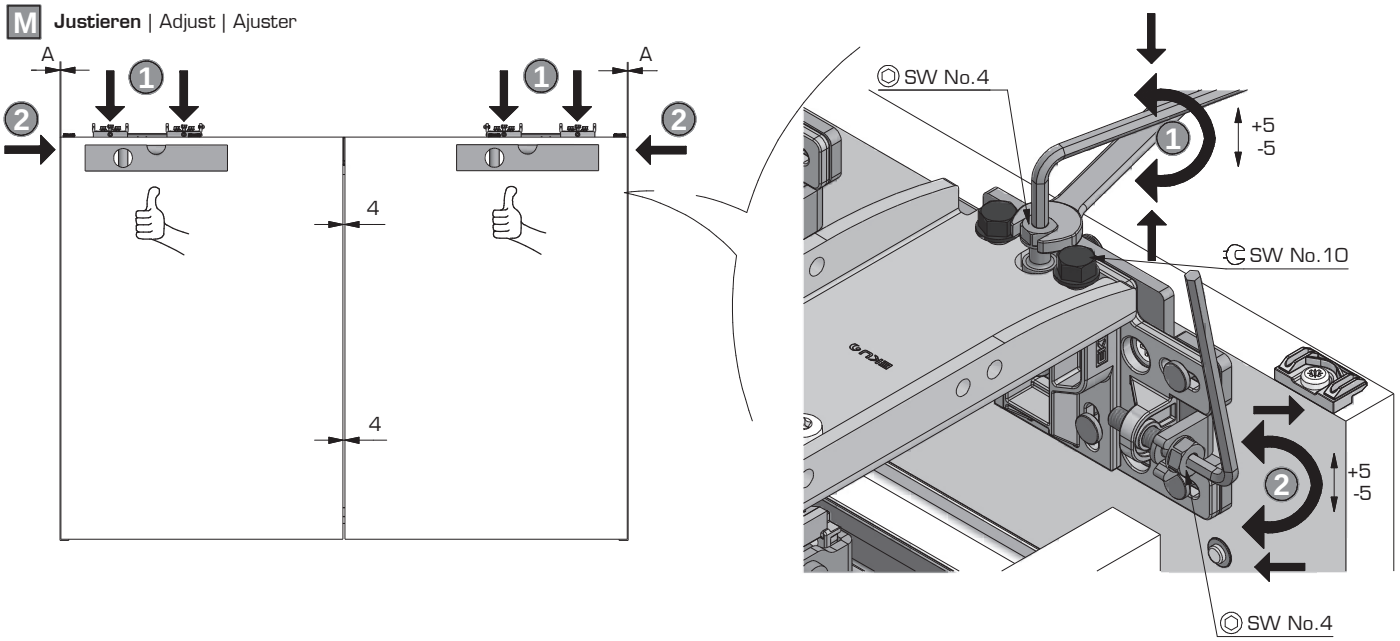


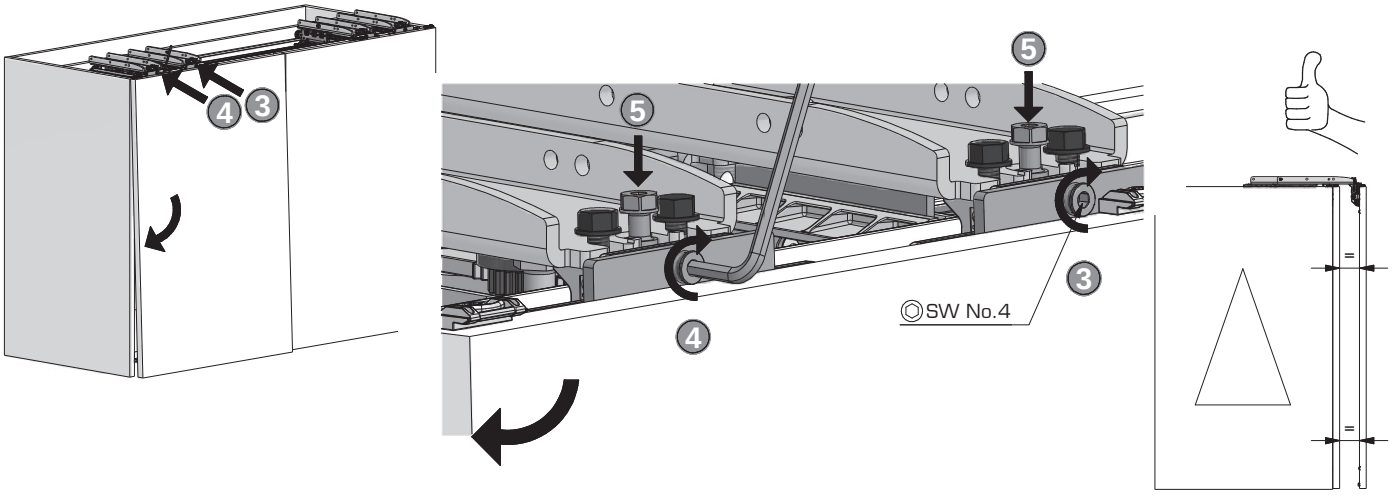




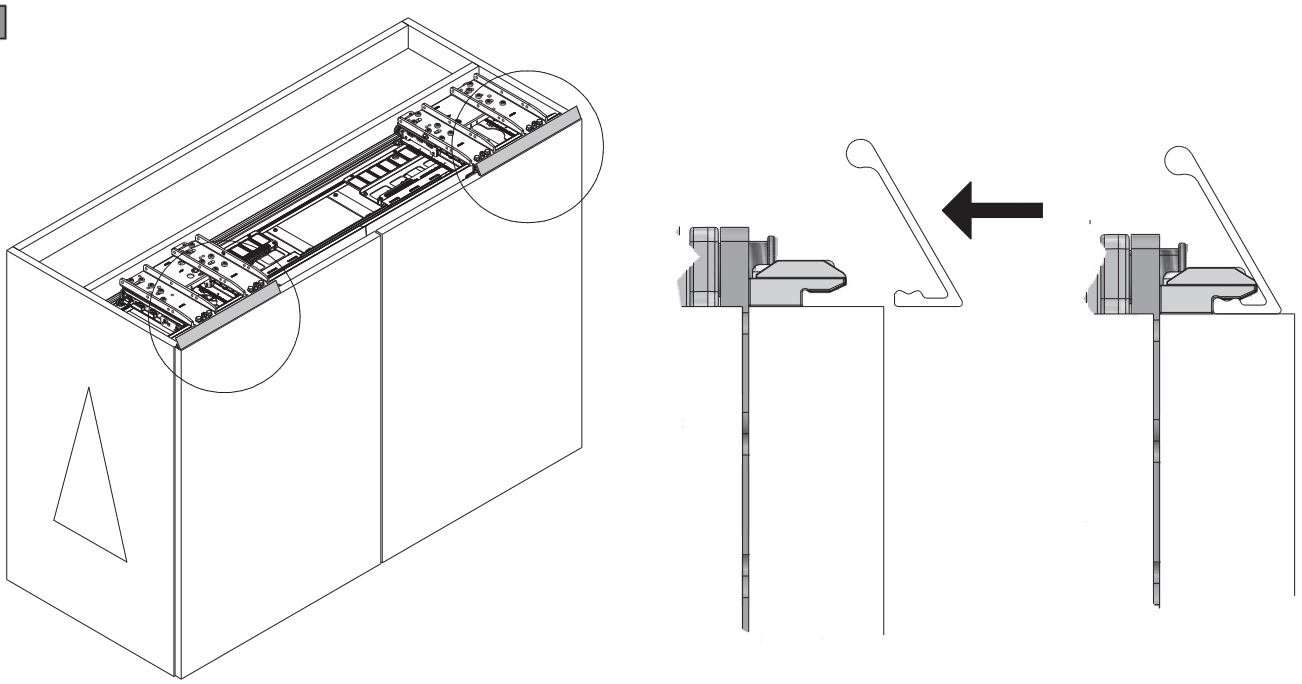


M **Justieren** | Adjust | Ajuster

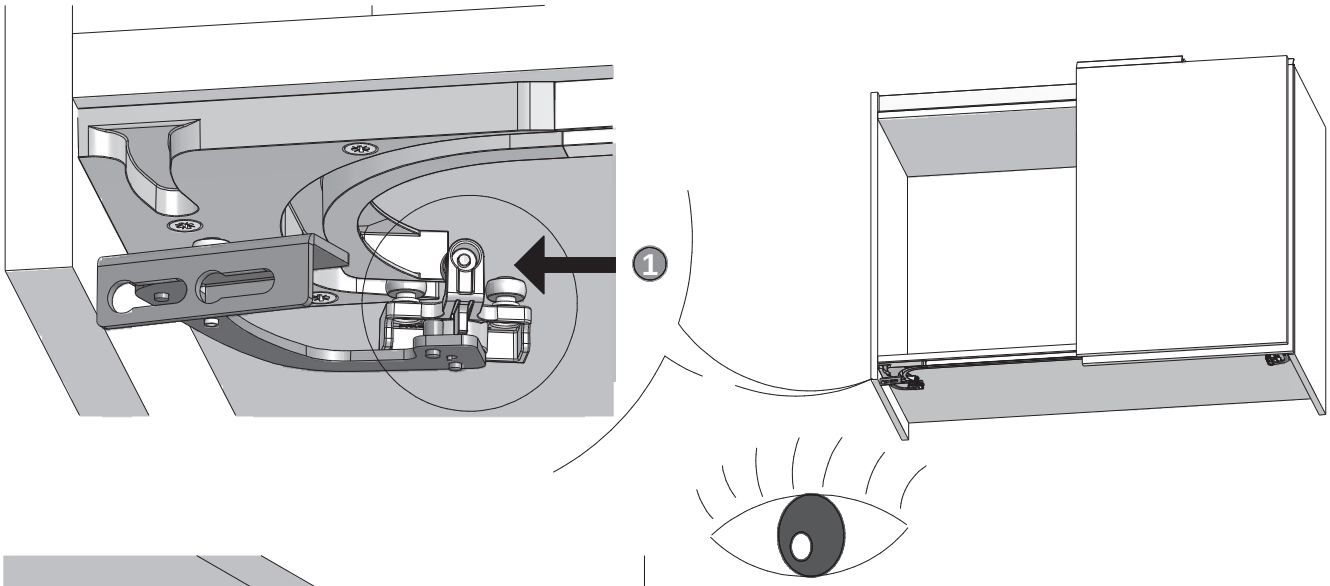


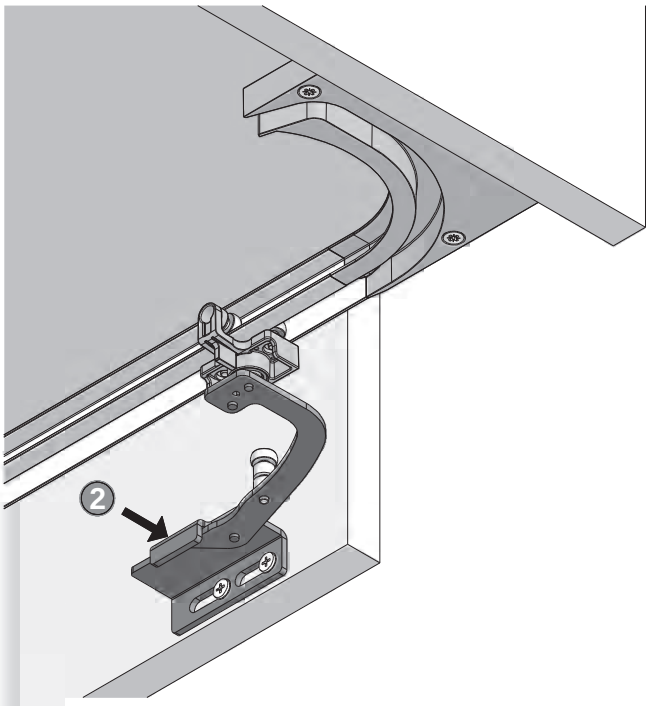


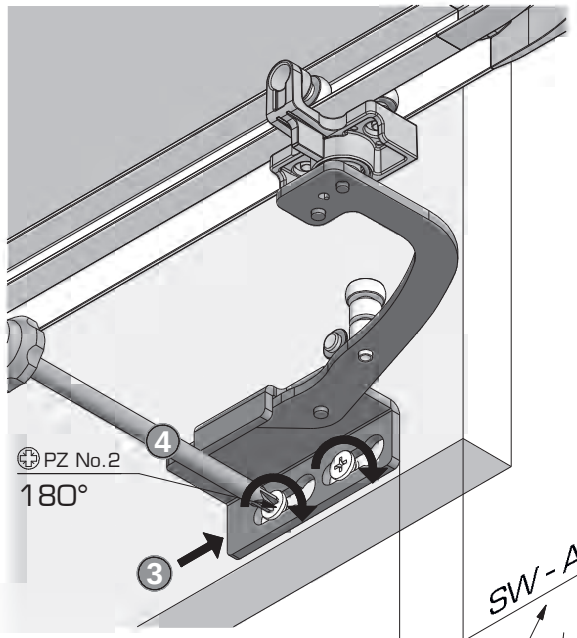
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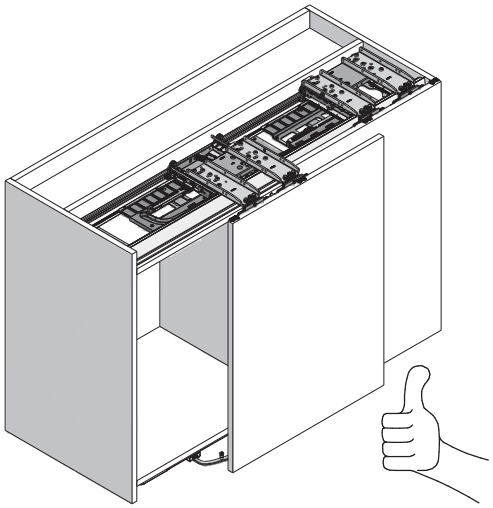


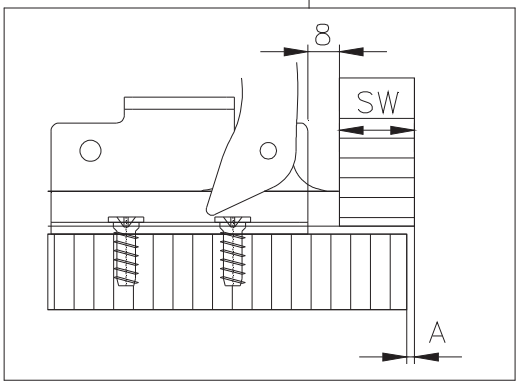
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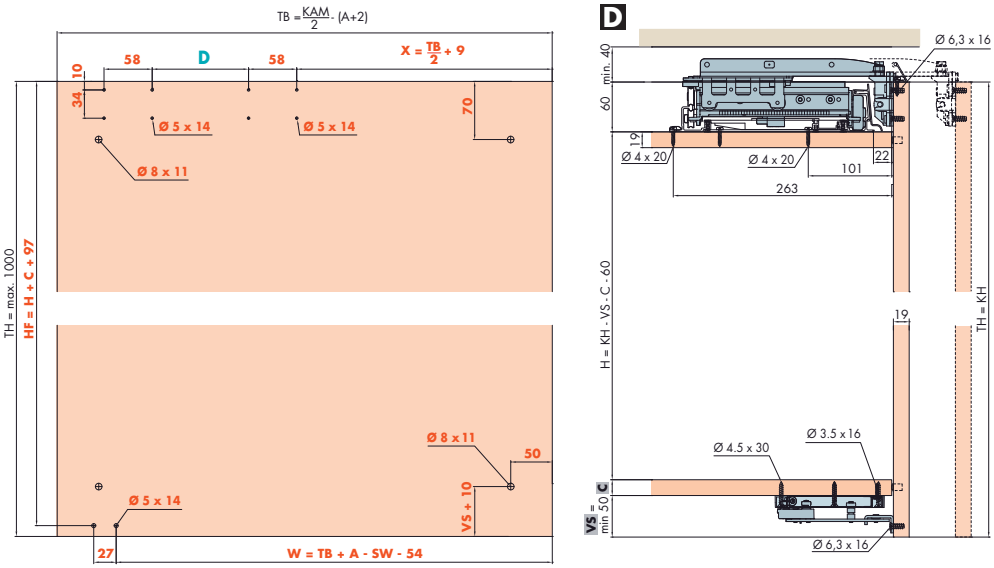




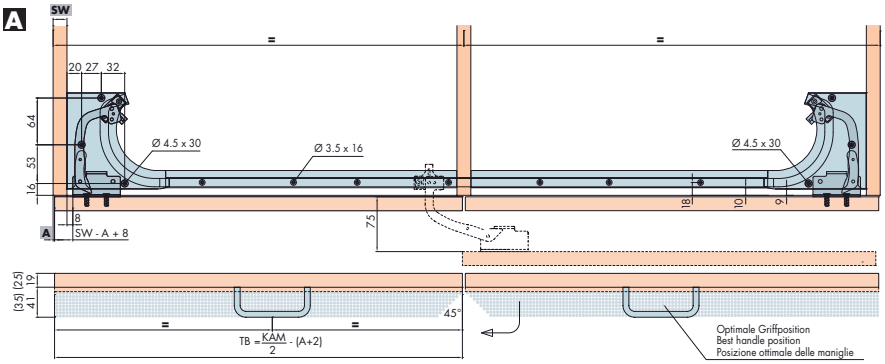


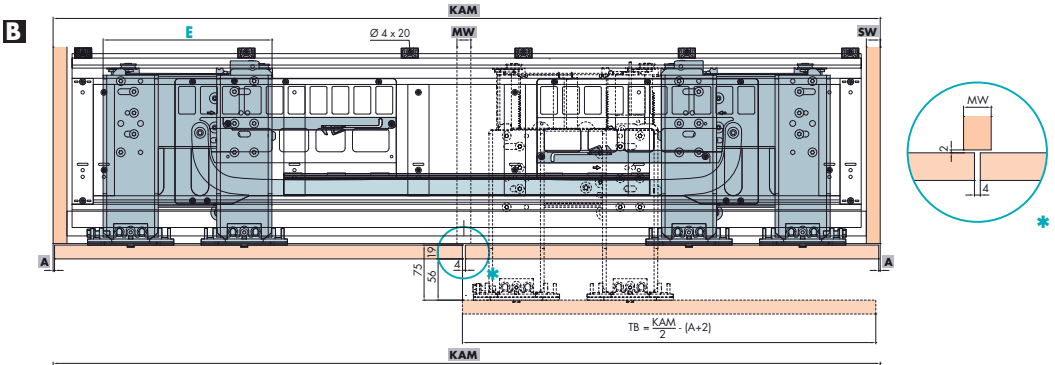


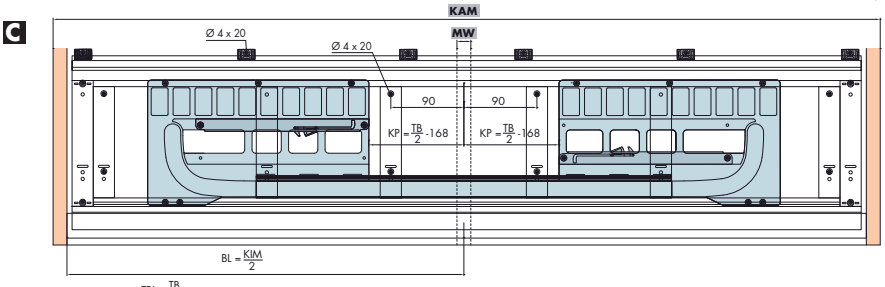


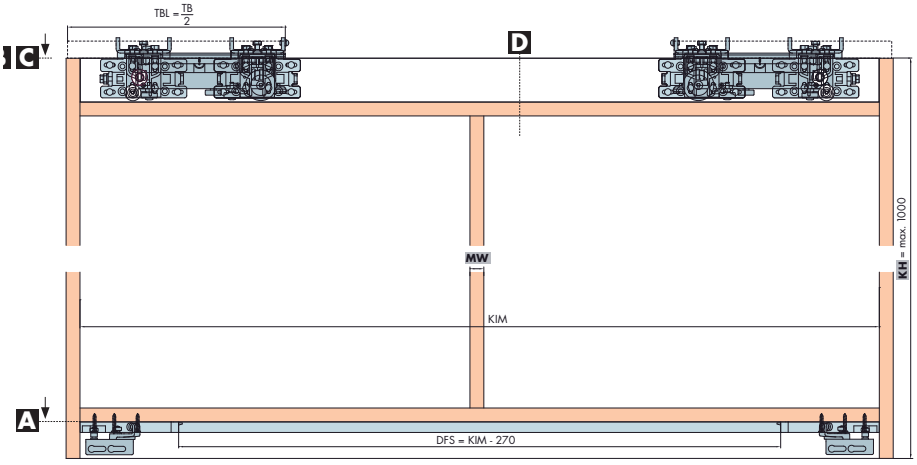

TB = KAM/2 - (A+2)
58
D
58
X = TB/2 + 9
10
34
Ø 5 x 14
Ø 5 x 14
70
Ø 8 x 11
TH = max. 1000
HF = H + C + 97
Ø 8 x 11
50
Ø 5 x 14
VS + 10
27
W = TB + A - SW - 54

D
Ø 6,3 x 16
min. 40
60
19
Ø 4 x 20
Ø 4 x 20
101
22
263
H = KH - VS - C - 60
19
TH = KH
Ø 4.5 x 30
Ø 3.5 x 16
VS = min. 50
C
Ø 6,3 x 16


A
SW
20 27 32
64
53
16
Ø 4.5 x 30
Ø 3.5 x 16
Ø 4.5 x 30
18
10
9
A
8
SW - A + 8
75
(35) (25)
41
19
45°
TB = KAM/2 - (A+2)
Optimale Griffposition
Best handle position
Posizione ottimale delle maniglie


B
KAM
E
Ø 4 x 20
MW
SW
A
A
19
4
75
56
TB = KAM/2 - (A+2)
MW
2
4


C
KAM
Ø 4 x 20
Ø 4 x 20
MW
90
90
KP = TB/2 -168
KP = TB/2 -168
BL = KIM/2


TBL = TB/2
C
D
MW
KH = max. 1000
KIM
A
DFS = KIM - 270