

# MFS | Modulare Fenstersicherung Modular fall prevention system for windows



**CZ – POZOR:** Práce s výrobkem INNOTECH je povolena teprve po kompletním přečtení a porozumění bezpečnostních pokynů a návodu k montáži.

**DE – ACHTUNG:** Die Verwendung des INNOTECH-Produkts ist erst zulässig, nachdem die Sicherheitshinweise und Montageanleitung vollständig gelesen und verstanden wurden.

**DK – GIV AGT:** Det er først tilladt at anvende INNOTECH-produktet, efter du har læst og forstået sikkerhedshenvisningerne og monteringsvejledningen.

**EN – ATTENTION:** Use of the INNOTECH product is permitted only after the safety instructions and instruction manual in the respective language have been read.

**ES – ATENCIÓN:** Solo se autorizará el uso del producto INNOTECH una vez que se hayan leído y entendido completamente las indicaciones de seguridad y las instrucciones de montaje.

**FR – ATTENTION :** L'utilisation du produit INNOTECH n'est autorisée qu'après avoir intégralement lu et compris les consignes de sécurité et la notice de montage.

**HU – FIGYELEM:** Az INNOTECH termék használatá csak akkor engedhető meg, ha a biztonsági utasításokat és az összeszerelési utasításokat teljes mértékben elolvasta és megértette.

**IT – ATTENZIONE:** L'utilizzo del prodotto INNOTECH è permesso solo previa lettura completa e comprensione integrale delle avvertenze di sicurezza e le istruzioni di montaggio.

**NL – ATTENTIE:** Dit INNOTECH-product mag pas worden gebruikt nadat u de gebruikershandleiding en de montagehandleiding volledig heeft gelezen en begrepen.

**PL – UWAGA:** Używanie produktu INNOTECH jest dozwolone dopiero po zapoznaniu się z wszystkimi zasadami bezpieczeństwa i instrukcją montażu.

**PT – ATENÇÃO:** O uso do produto INNOTECH apenas é permitido depois de terem sido lidas e compreendidas na totalidade as indicações de segurança e o manual de montagem.

**SK – POZOR:** Použitie výrobku INNOTECH je povolené až vtedy, keď si úplne prečítate a pochopíte bezpečnostné pokyny a montážny návod.

**SL – POZOR:** Uporaba izdelkov INNOTECH je dovoljena šele po tem, ko preberete in so vam jasne vse varnostne opombe in navodila za montažo.

**SV – OBS:** INNOTECH-produkten får inte användas, förrän säkerhets- och monteringsinstruktionerna har lästs igenom och förstås fullständigt.

**TR – DİKKAT:** INNOTECH ürünü'nün kullanımına ancak güvenlik uyarılar ve montaj talimatı tamamen okunup anlaşıldıktan sonra izin verilir.

**ZH – 注意:** 只有在完全阅读并理解安全提示和装配说明书之后,才允许使用INNOTECH产品。





2



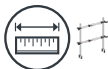
3

3



9

4



11

5



12

6



15

7



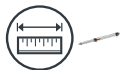
20

8



21

9



25

10



26

11



29

12



31

13



35

14



38



[mm]



**MFS-TRA-51-LI**  
86 x 55 x 75

LEFT



**MFS-TRA-51-RE**  
86 x 55 x 75

RIGHT



**MFS-TRA-52-LI**  
72 x 72 x 52

LEFT



**MFS-TRA-52-RE**  
72 x 72 x 52

RIGHT

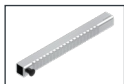




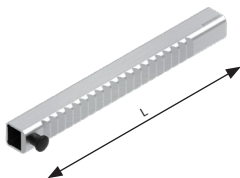
[mm]

**MFS-TRA-53-Z..**

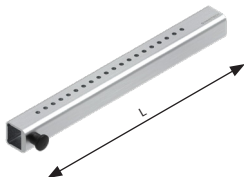
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MFS-TRA-53-Z10	L = 225
MFS-TRA-53-Z20	L = 355
MFS-TRA-53-Z36	L = 563
MFS-TRA-53-Z56	L = 823
MFS-TRA-53-Z95	L = 1330

**MFS-TRA-54-Z..**

MFS-TRA-54-Z01	L = 98
MFS-TRA-54-Z05	L = 150
MFS-TRA-54-Z10	L = 215
MFS-TRA-54-Z20	L = 345
MFS-TRA-54-Z36	L = 553

**MFS-TRA-55-Z..**

MFS-TRA-55-Z01	L = 98
MFS-TRA-55-Z05	L = 150
MFS-TRA-55-Z10	L = 215
MFS-TRA-55-Z20	L = 345
MFS-TRA-55-Z36	L = 553





[mm]



**MFS-EA-61**  
177 x 123 x 37



**MFS-EA-62**  
34 x 34 x 83



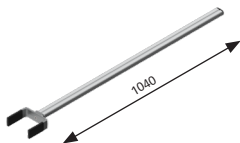
2



[mm]



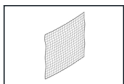
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132 x 42 x 1155



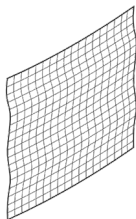
2



[mm]



**MFS-NET-81**  
1700 x 900



2



[mm]



**MFS-ZUB-91**  
Ø 230 | L=1180



PP, PVC,  
LDPE, ...  
PLASTIC



2



[mm]



**FH-S**  
Ø 14 | L=29



PP, PVC,  
LDPE, ...  
PLASTIC



**FH-B**  
32 x 14 x 29

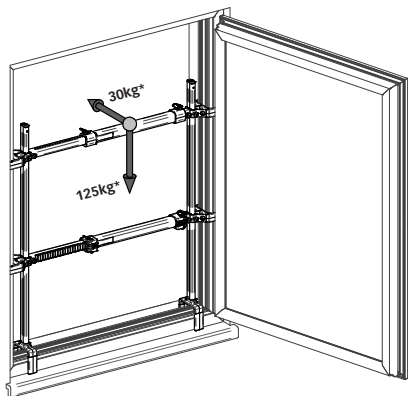


PP, PVC,  
LDPE, ...  
PLASTIC

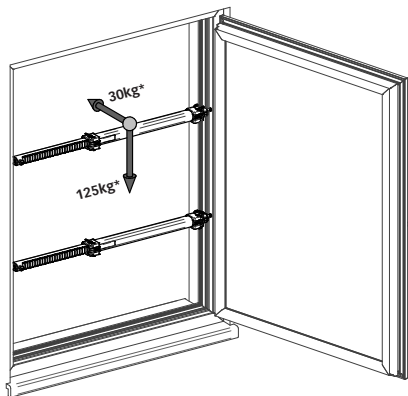








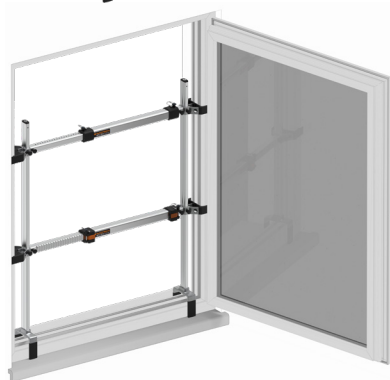
\*  
EN 13374  
2019



\*  
EN 13374  
2019

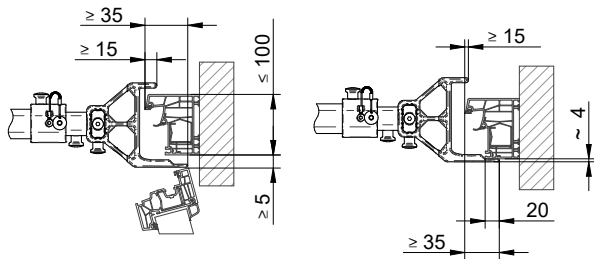
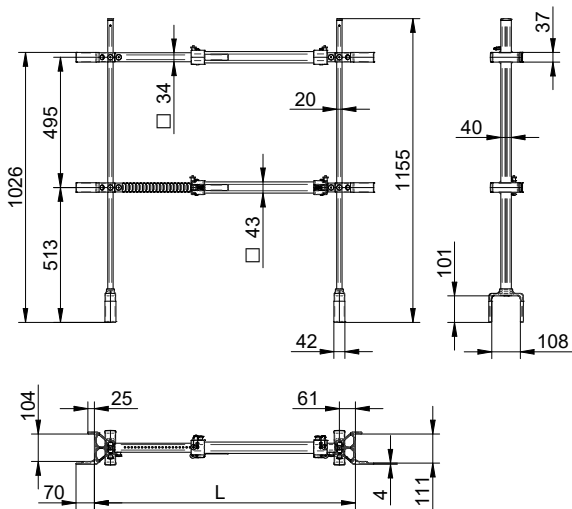
# MFS

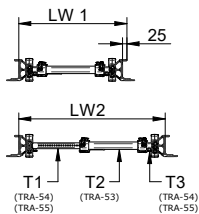
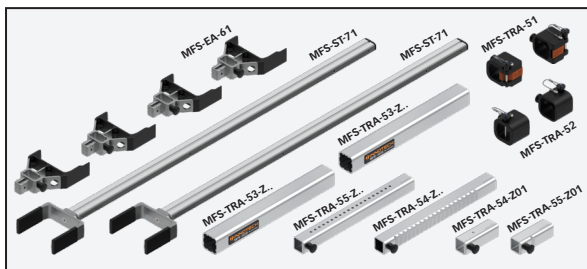
Modulare Fenstersicherung  
*Modular fall prevention  
 system for windows*



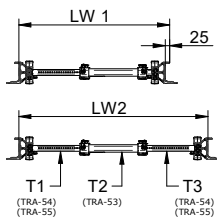
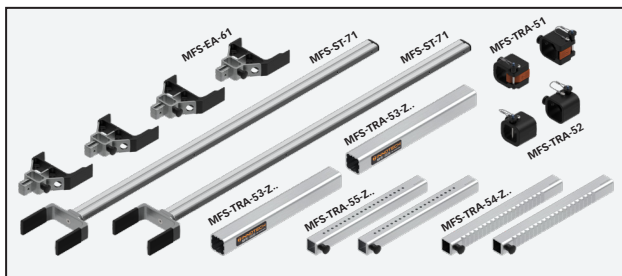


[mm]

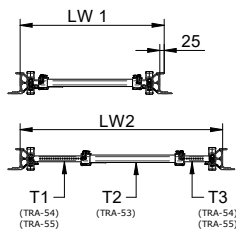
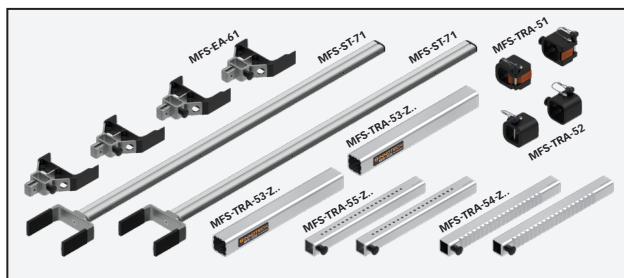




T1	T2	T3	LW1	LW2	KG
TRA-54/-55	TRA-53	TRA-54/-55	mm	mm	
Z05	Z05	Z01	432	459	6,04
Z10	Z10	Z01	497	589	6,35
Z20	Z20	Z01	627	849	6,97
Z36	Z36	Z01	835	1265	7,97



T1	T2	T3	LW1	LW2	KG
TRA-54/55	TRA-53	TRA-54/55	mm	mm	
Z05	Z05	Z05	484	511	6,16
Z10	Z10	Z10	614	706	6,62
Z20	Z20	Z20	874	1096	7,53
Z36	Z36	Z36	1290	1720	9,00

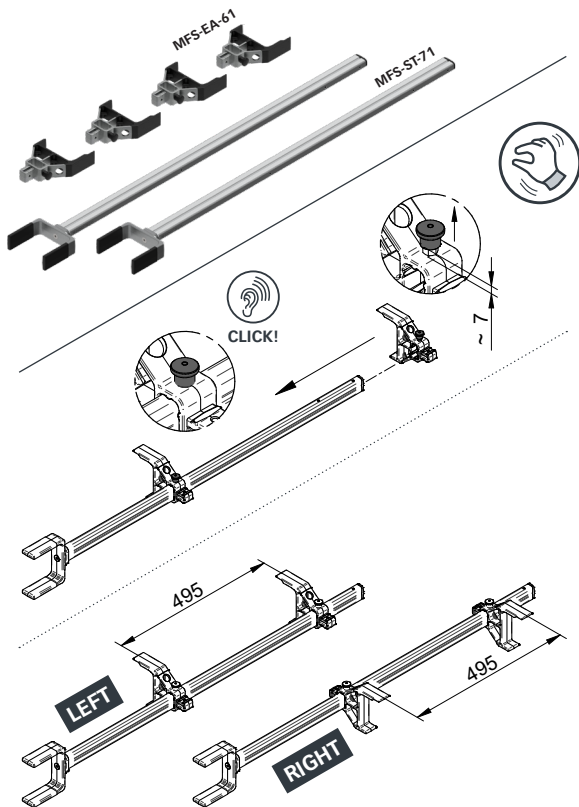


T1	T2	T3	LW1	LW2	KG
TRA-54/-55	TRA-53	TRA-54/-55	mm	mm	
Z05	Z10	Z05	497	576	6,32
Z10	Z20	Z10	627	836	6,94
Z20	Z36	Z10	835	1174	7,76
Z20	Z56	Z20	1095	1564	8,71
Z20	Z56	Z36	1095	1772	9,18
Z36	Z95	Z36	1602	2487	10,93



1.

[mm]





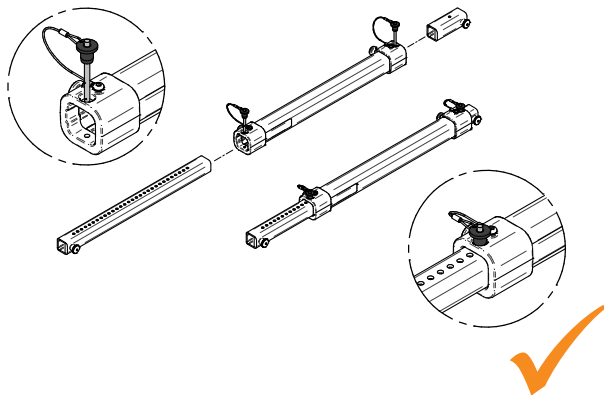
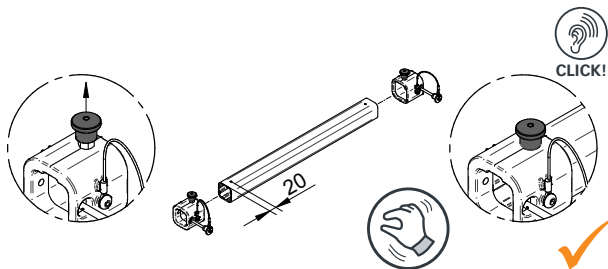
[mm]



MFS-TRA-52-LI



MFS-TRA-52-RE





6



3.

[mm]

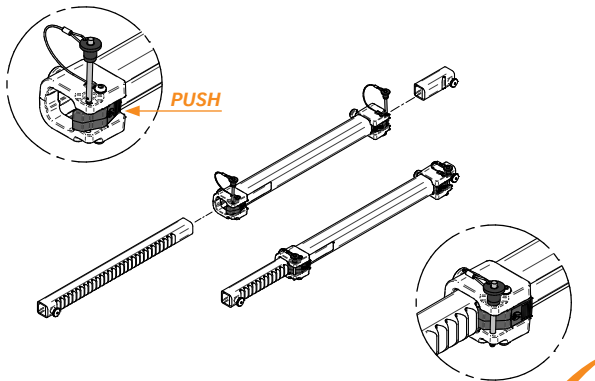
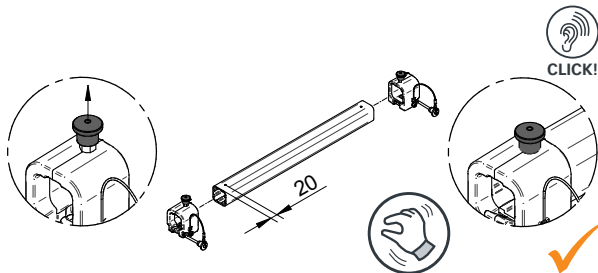
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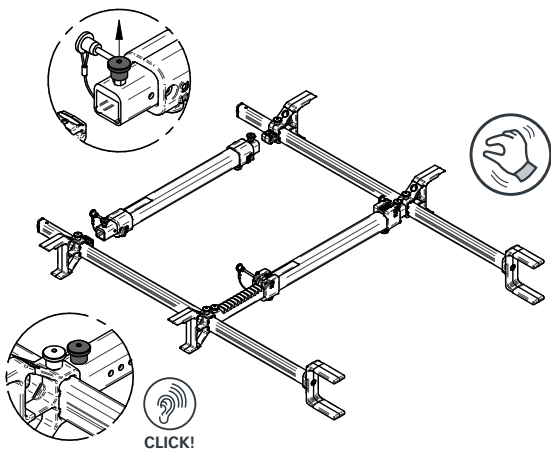
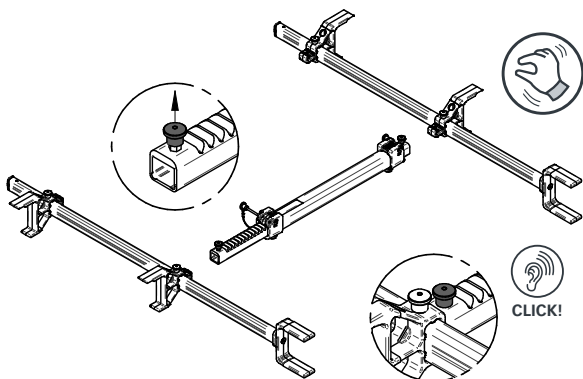
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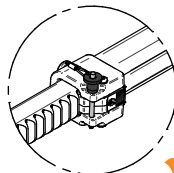
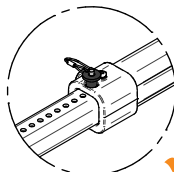
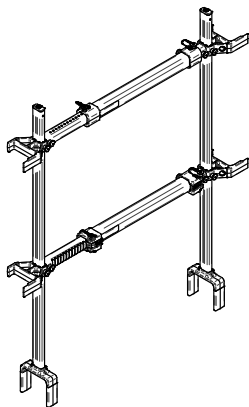
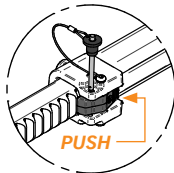
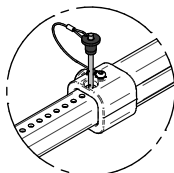
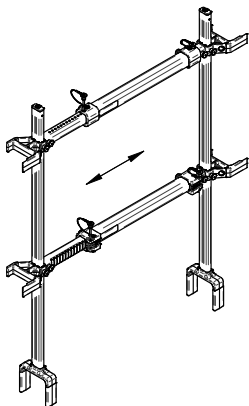
MFS-TRA-54-Z01

MFS-TRA-51-LI

MFS-TRA-51-RE



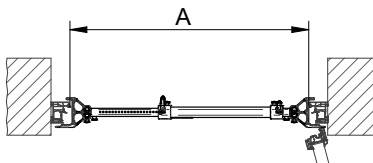
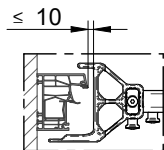
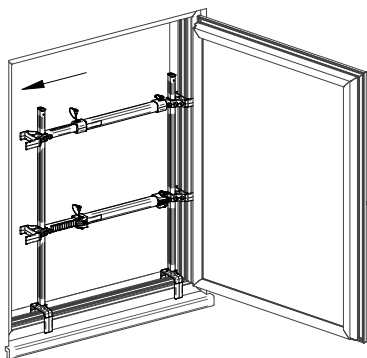
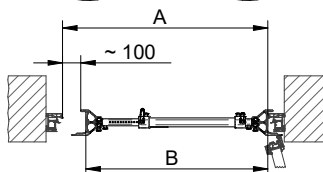
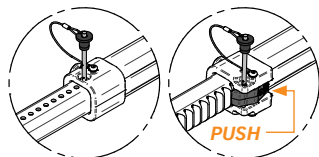
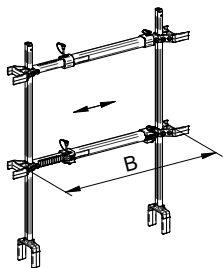






1.

[mm]

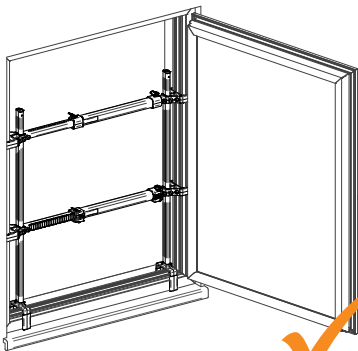
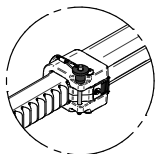
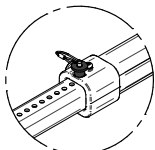


7



2.

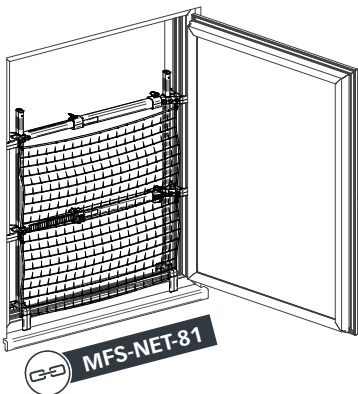
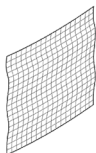
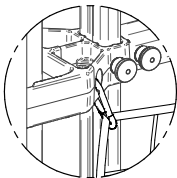
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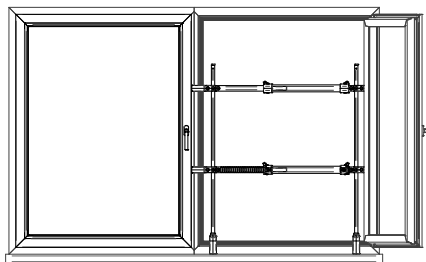
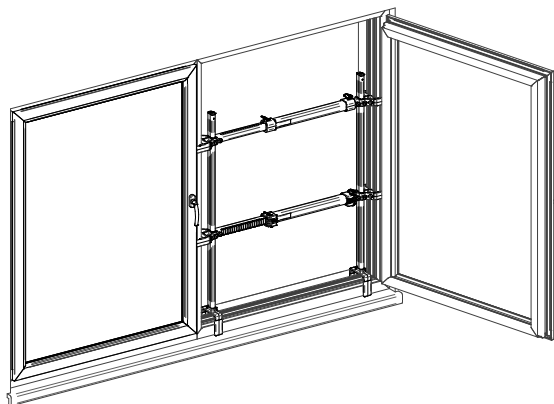


8



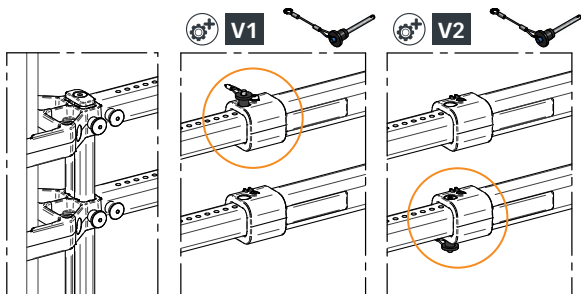
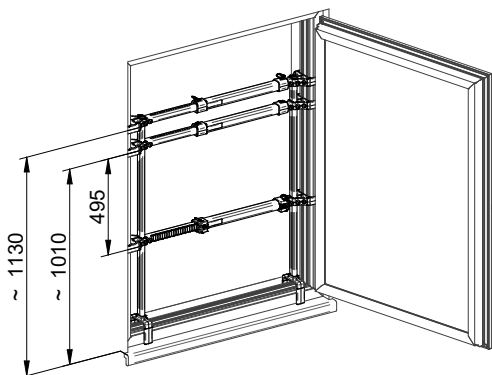
[mm]





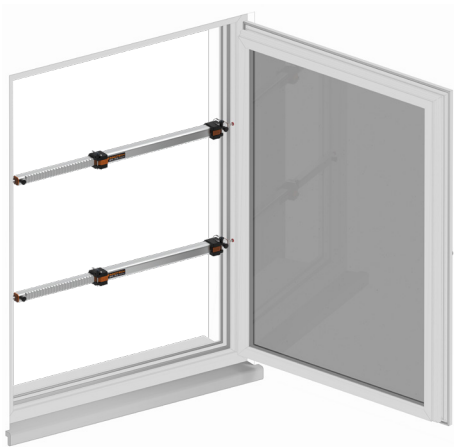


[mm]



# MFS

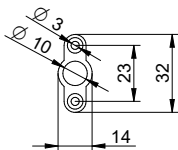
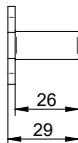
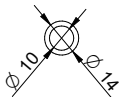
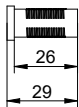
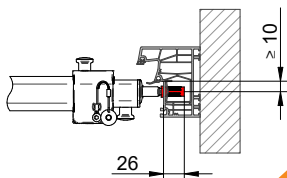
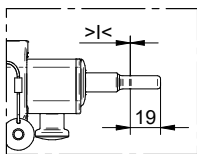
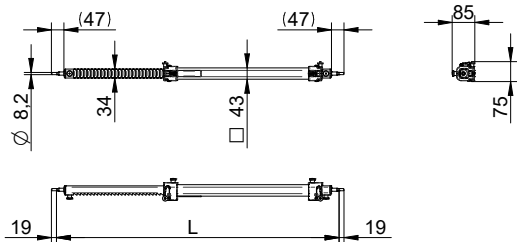
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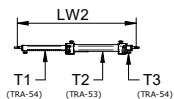
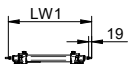
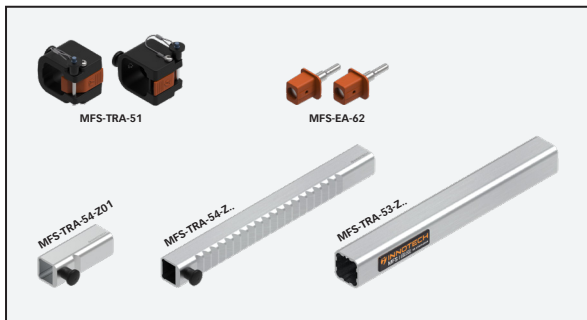
[mm]



FH-S

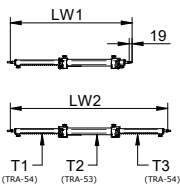
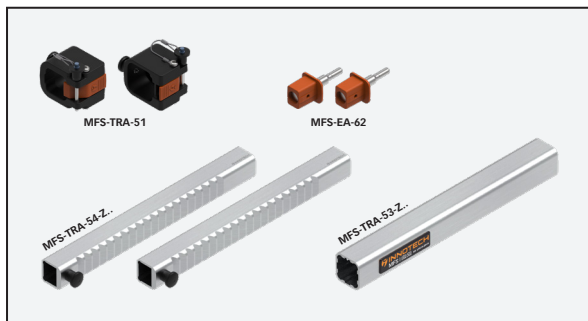
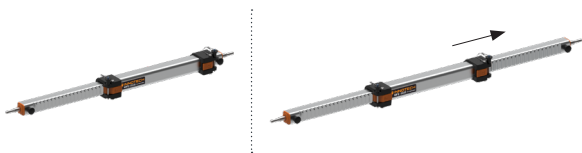


FH-B

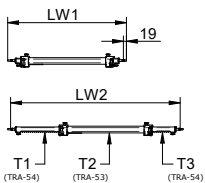
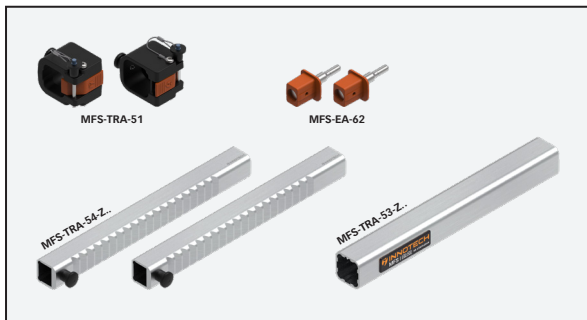
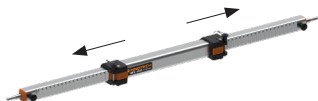


T1 (TRA-54)    T2 (TRA-53)    T3 (TRA-54)

T1	T2	T3	LW1	LW2	KG
TRA-54	TRA-53	TRA-54	mm	mm	
Z05	Z05	Z01	339	372	1,26
Z10	Z10	Z01	404	502	1,41
Z20	Z20	Z01	534	762	1,71
Z36	Z36	Z01	742	1178	2,19



T1	T2	T3	LW1	LW2	KG
TRA-54	TRA-53	TRA-54	mm	mm	
Z05	Z05	Z05	391	424	1,31
Z10	Z10	Z10	521	619	1,53
Z20	Z20	Z20	781	1009	1,97
Z36	Z36	Z36	1197	1633	2,66



T1	T2	T3	LW1	LW2	KG
TRA-54	TRA-53	TRA-54	mm	mm	
Z05	Z10	Z05	404	489	1,40
Z10	Z20	Z10	534	749	1,69
Z20	Z36	Z10	742	1087	2,09
Z20	Z56	Z20	1002	1477	2,56
Z20	Z56	Z36	1002	1685	2,77
Z36	Z95	Z36	1509	2400	3,63



1.

[mm]

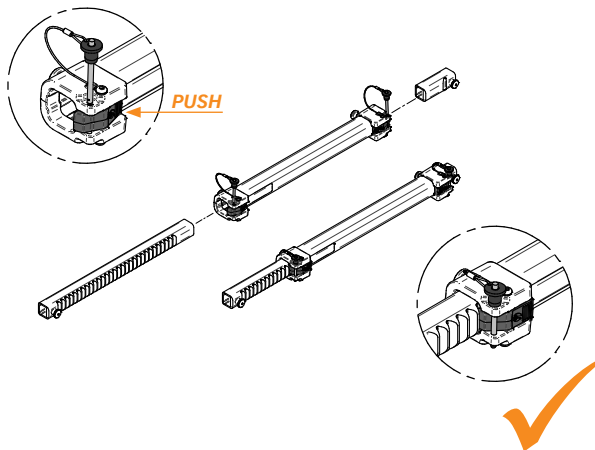
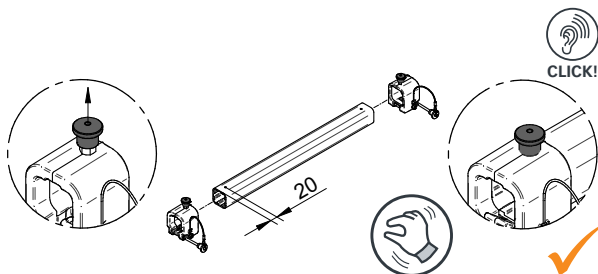
MFS-TRA-53-Z..

MFS-TRA-54-Z..

MFS-TRA-54-Z01

MFS-TRA-51-LI

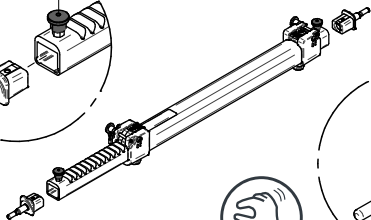
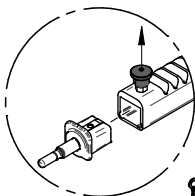
MFS-TRA-51-RE



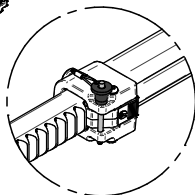
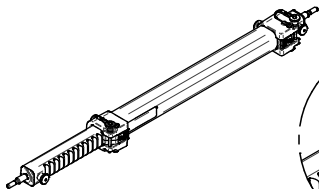
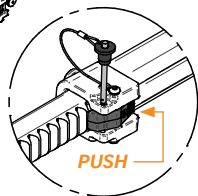
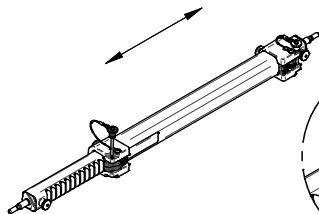
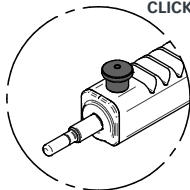


2.

[mm]



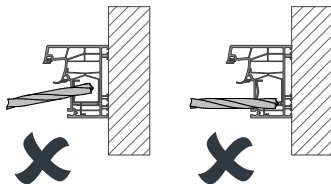
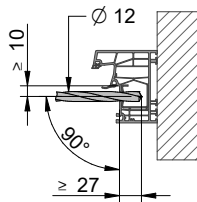
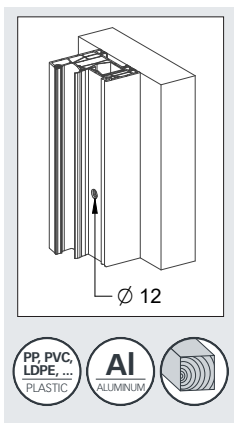
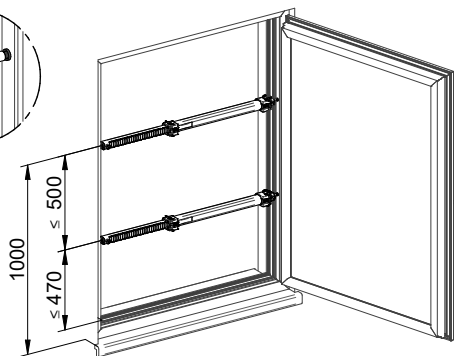
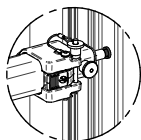
CLICK!





1.

[mm]



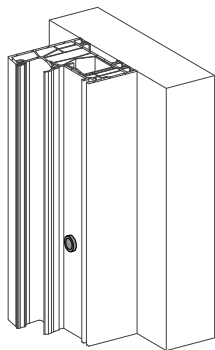
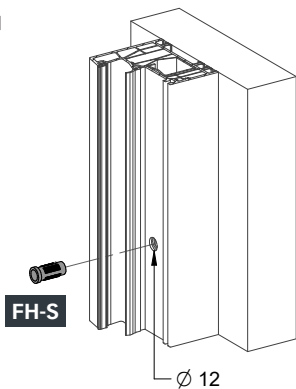


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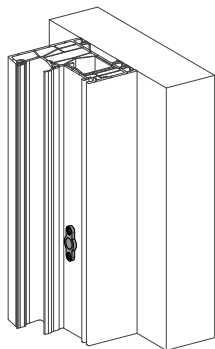
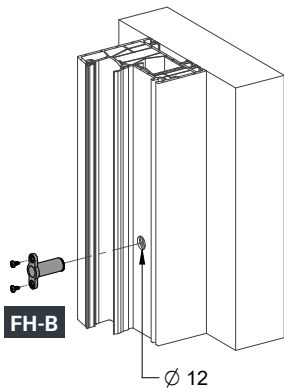
[mm]



Ø 12



Ø 12

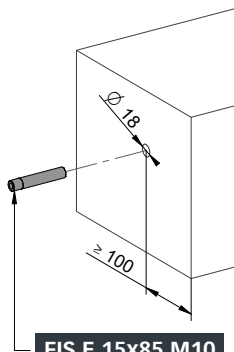




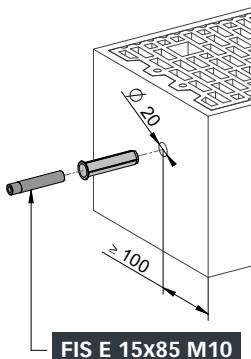
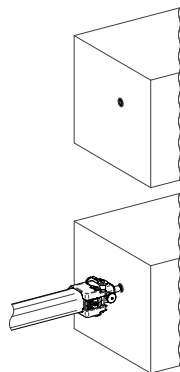


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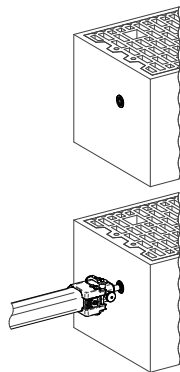
[mm]

**FIS E 15x85 M10**

FISCHER

**FIS E 15x85 M10**

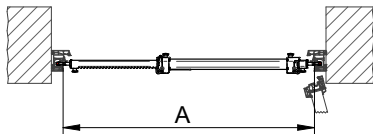
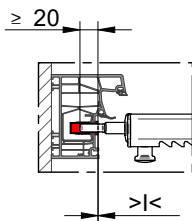
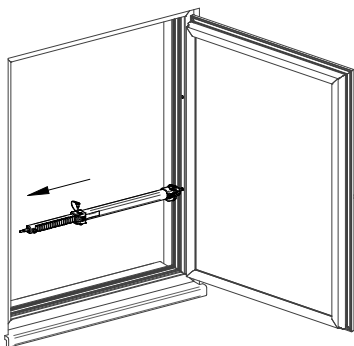
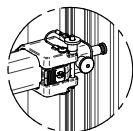
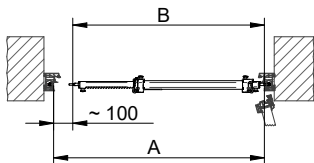
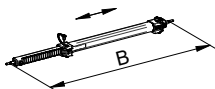
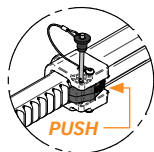
FISCHER





3.

[mm]

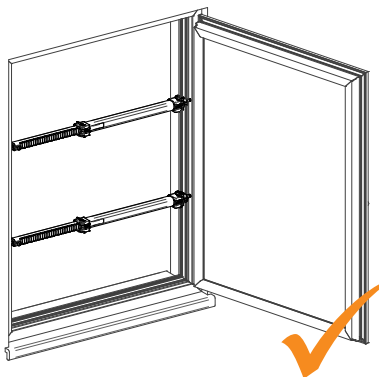
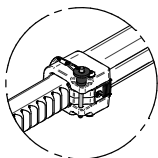
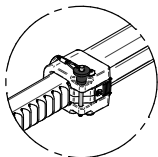


# 12



## 4.

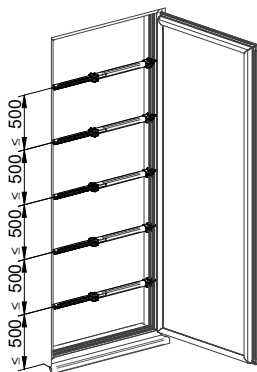
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# 13

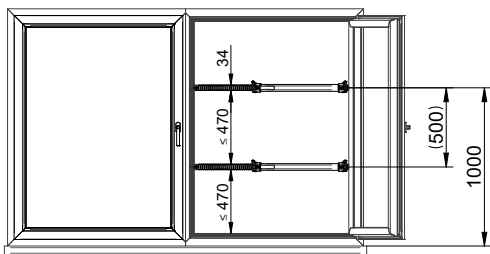
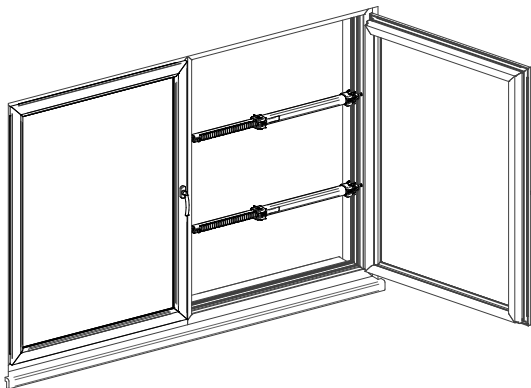


[mm]





[mm]





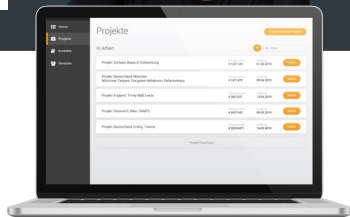
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