INFINITY Hardware

Infinity Hardware Factory
www.inf-hardware.com

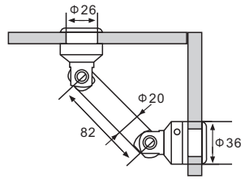


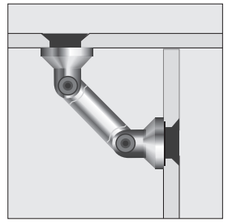
4/ INF ARCHITECTURE

Glass Connector System



IM-C-1

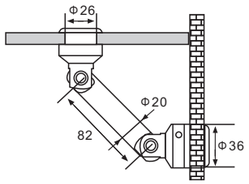


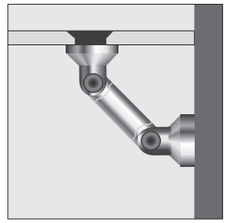


Adjustable Glass to glass connector



IM-C-2

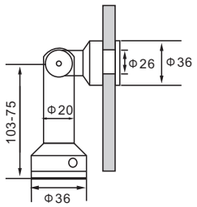


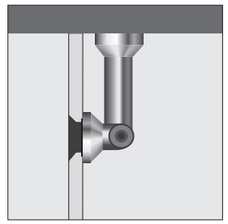


Glass to wall/roof connector



IM-C-3

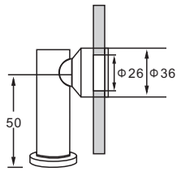


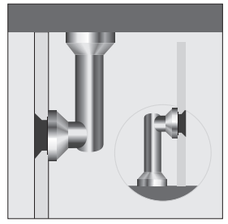


Glass to wall/roof connector



IM-C-4

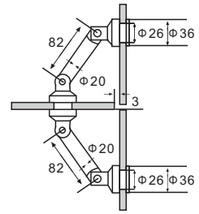


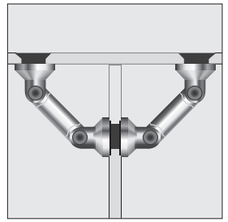


Glass to wall/roof connector



IM-C-5

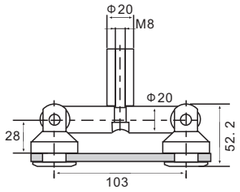


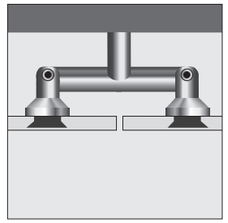


3 ways glass to glass connector with adjustable function



IM-C-6

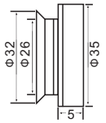


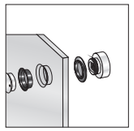


3 ways glass to wall/roof connector with adjustable function



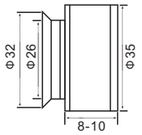
Glass Connector System

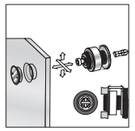





IM-C-7

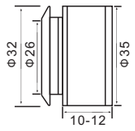
Stand off with adjustable function

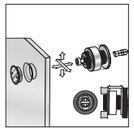





IM-C-8

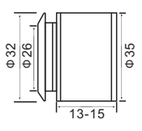
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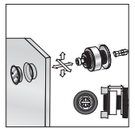





IM-C-9

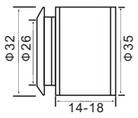
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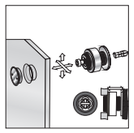





IM-C-10

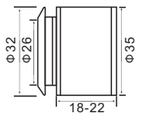
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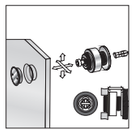





IM-C-10L1

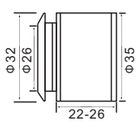
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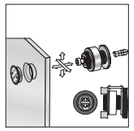





IM-C-10L2

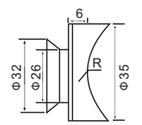
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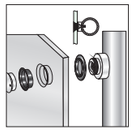





IM-C-10L3

Stand off with adjustable function

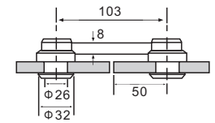


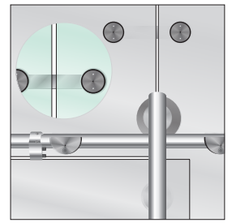
IM-C-11

Stand off with adjustable function



IM-C-12

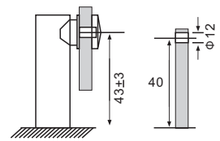




Glass to glass connector with adjustable function



IM-C-17

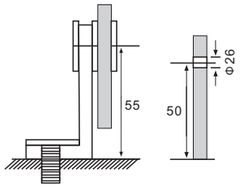




Glass to wall/roof connector with adjustable function



IM-C-18

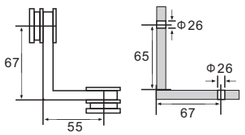


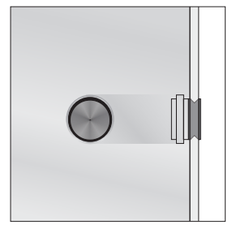


Glass to wall/roof connector with adjustable function



IM-C-19



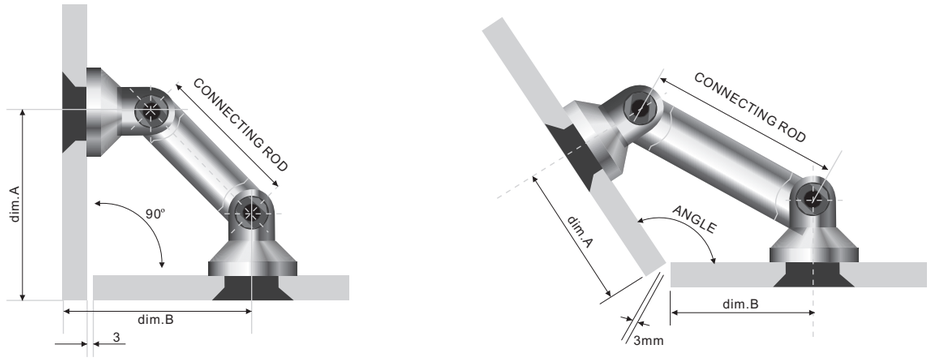


90° Glass to glass connector with adjustable function

GLASS FABRICATION

For glass/glass corner connectors for 10mm or 12mm tempered glass.

Plan view



Connecting rob size and angle:(Dim,In mm for giass. For other glass thickness please adapt accordingly.)

Angle	Length of connecting rod in mm			
	52.5	60	82	103
	A/B	A/B	A/B	A/B
90°	75.6	81	96.5	111.3
95°	60.2	65.3	80.5	94.5
100°	56.7	61.6	75.9	89.5
105°	53.4	58.2	72.1	85.3
110°	50.5	55.1	68.5	81.3
115°	47.8	51.8	65.3	77.7
120°	45.3	49.5	62.3	74.4
125°	42.8	47.1	59.5	71.4
130°	40.7	44.9	57	68.6
135°	38.7	42.8	54.7	66
180°	24.7	28.5	39.5	50

IM-C-A



1

IM-C-B



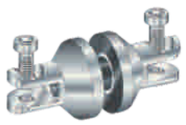
2

IM-C-C



3

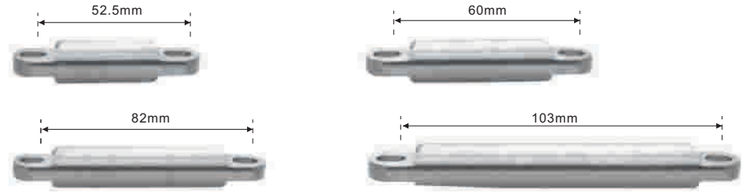
IM-C-D



4

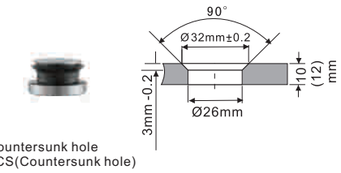
PRODUCT MODEL

Connecting rod



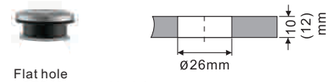
Two kinds connecting for glass hole

Countersunk holes from the front side



Countersunk hole
=CS(Countersunk hole)

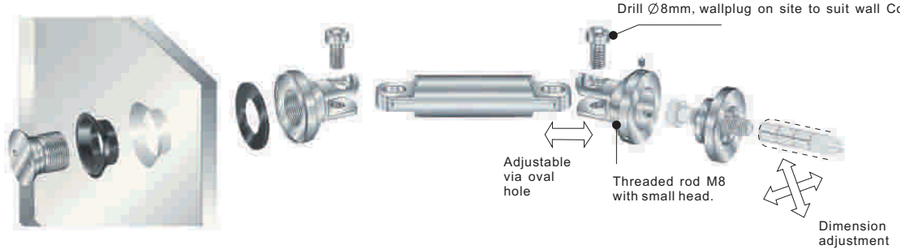
Flat holes from the front side



Flat hole
=STD(Standard hole)

Use: two kinds options of glasses connection,mainly for clamping glass.

Components and assembly of the wall fixing



For glass/glass corner connectors for 10mm and 12mm thick toughened glass.



IM-T

Ajustable pig noise spanner

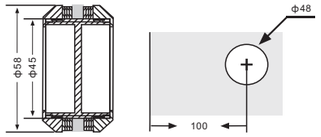


Use: the tool for installation and backout glass connection

The above fitting are used for flexibility connectiong,including the connection between different glasses,and the flexibility connecting for celing wall, floor and so on also the above fittings can be used for any flexibility connecting necessarily.Construction tolerance can be compensated by many ways.

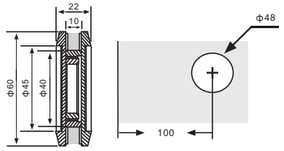
Stainless steel sliding door handle





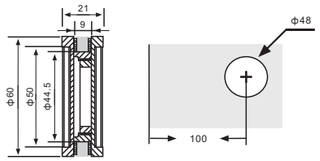
IM-D-1 Round sliding door handle





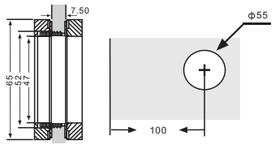
IM-D-5 Round sliding door handle





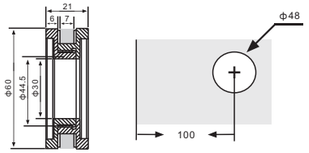
IM-D-2 Round sliding door handle





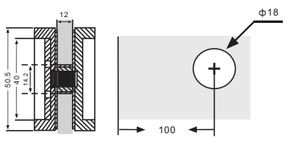
IM-D-6 Round sliding door handle with hole





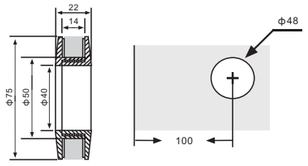
IM-D-3 Round sliding door handle with hole





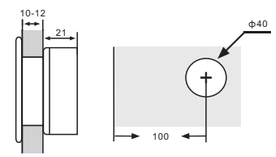
IM-D-7 Square sliding door handle





IM-D-4 Round sliding door handle with hole





IM-OA-7 Round sliding door handle fit for glass door and wooden door

IM-RS Stainless Steel Sliding Door System



IM-RS-1
Sliding door top track roller



IM-RS-2
Sliding door stopper



IM-RS-3
Sliding door bottom roller



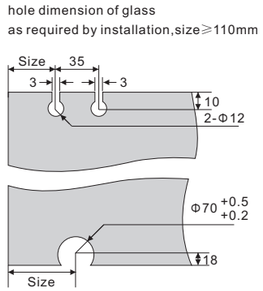
IM-RS-4
Sliding door floor guide for roller



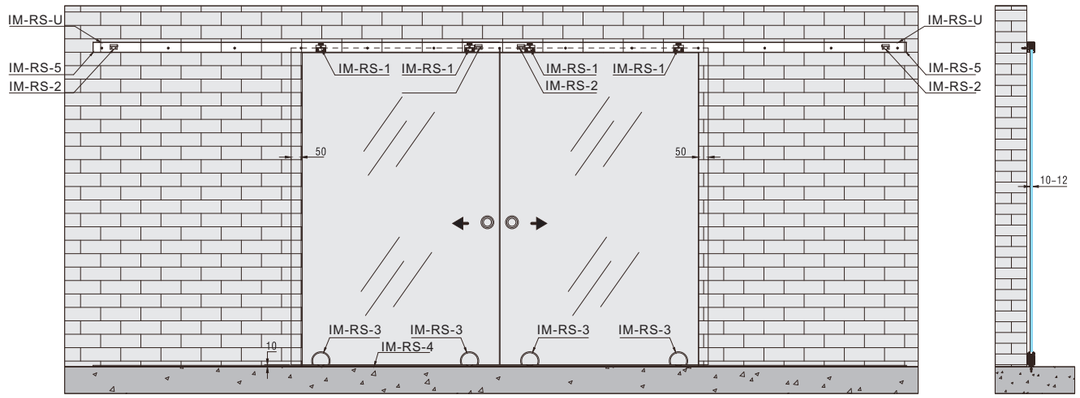
IM-RS-5
Top track end cover

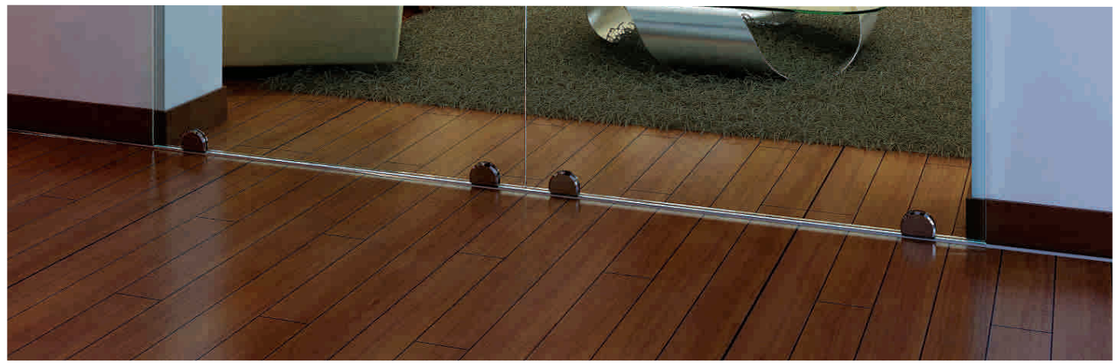


IM-RS-U
Sliding door top track



INSTALL GUIDE





Stainless steel folding glass door system



IM-Z-1
Fixed panel top clip



IM-Z-5
Fixed panel bottom clip



IM-Z-2
Middle panel hinge



IM-Z-6
Middle panel bottom locking hinge



IM-Z-3
Middle panel top roller



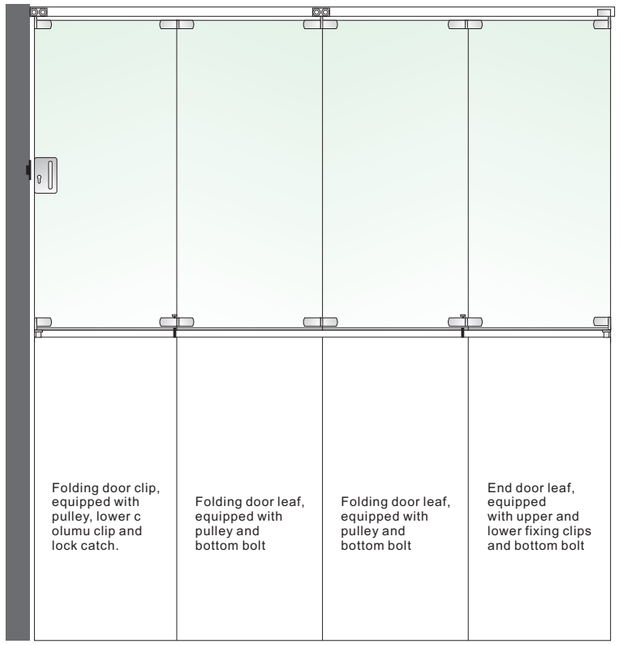
IM-Z-7
Middle panel bottom sliding hinge



IM-Z-4
End panel top roller

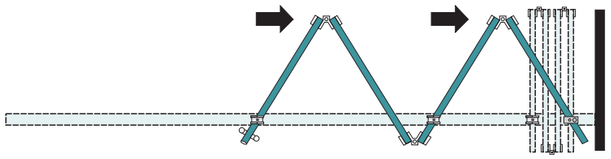


IM-Z-8
End panel bottom clip



Folding door clip, equipped with pulley, lower c olumu clip and lock catch.	Folding door leaf, equipped with pulley and bottom bolt	Folding door leaf, equipped with pulley and bottom bolt	End door leaf, equipped with upper and lower fixing clips and bottom bolt

Max.door leaf height	2500mm	2500mm	2500mm	2500mm
Max.door leaf width	900mm	900mm	900mm	900mm
Max.door leaf load	70kg	70kg	70kg	70kg





IM-G-3N
Top track of folding door



IM-Z-U
Bottom U track of folding door



IM-L-7R
Single bottom lock of folding door



IM-L-7L
Single bottom lock of folding door



IM-ZA-1
Fixed panel bottom hinge



IM-ZA-2
Fixed panel top hinge



IM-ZA-3
Middle panel top hinge



IM-ZA-4
Middle panel bottom locking hinge



IM-ZA-5
Middle panel bottom locking hinge



IM-ZA-P
Fixed panel top pin



DUST POOF
Dust poof for bottom lock



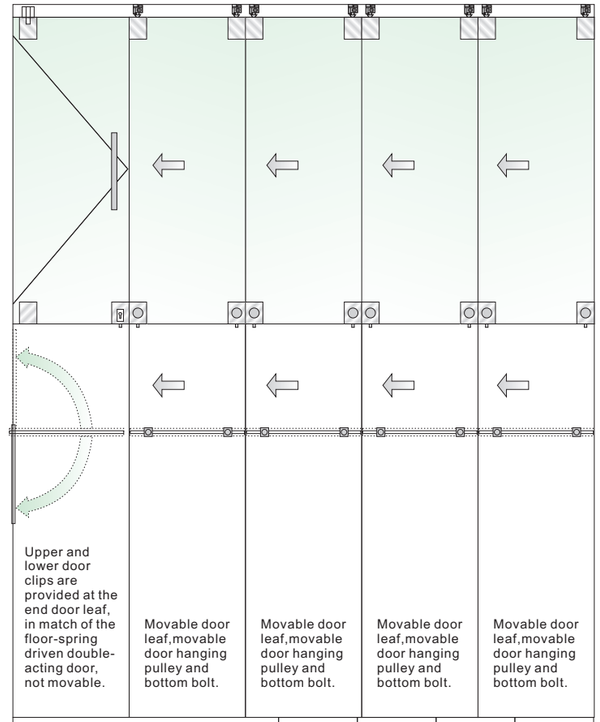
IM-ZA-U
Top Track



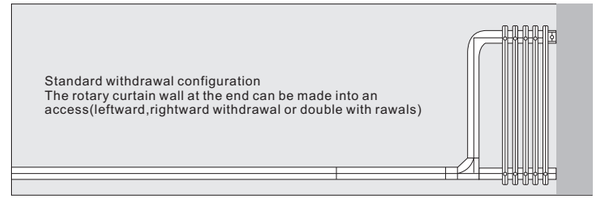
IM-ZA-6
Top track 90° corner



IM-ZA-7
Top track 3 ways



Upper and lower door clips are provided at the end door leaf, in match of the floor-spring driven double-acting door, not movable.	Movable door leaf,movable door hanging pulley and bottom bolt.	Movable door leaf,movable door hanging pulley and bottom bolt.	Movable door leaf,movable door hanging pulley and bottom bolt.	Movable door leaf,movable door hanging pulley and bottom bolt.	
Max.door leaf height	3500mm	3500mm	3500mm	3500mm	3500mm
Max.door leaf width	1000mm	1000mm	1000mm	1000mm	1000mm
Max.door leaf load	100kg	100kg	100kg	100kg	100kg





IM-G series sliding door system



IM-G-1(One Set)



Sliding Door Hanger
The maximum weight 100kg

IM-O-13



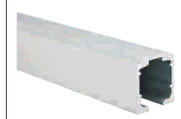
IM-G-6



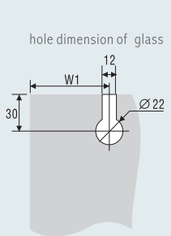
IM-G-7



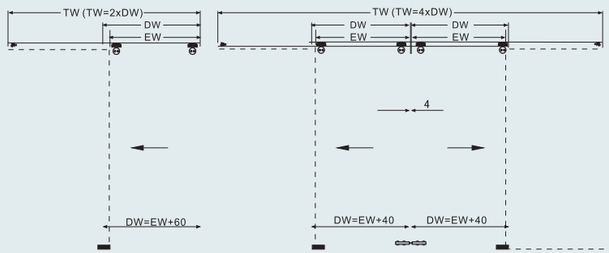
IM-G-3







OW=overpanel width
SW=sidelight width
DW=door width



TW= Tube Length DW=Door Width EW=Entry Width
If you need to assemble the lock, please add the width according to the door width and add the needed size of the lock.



IM-G-2(One Set)



Sliding Door Hanger
The maximum weight 100kg

IM-O-13



IM-G-6



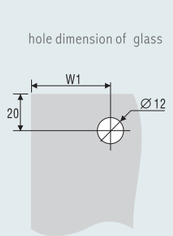
IM-G-7



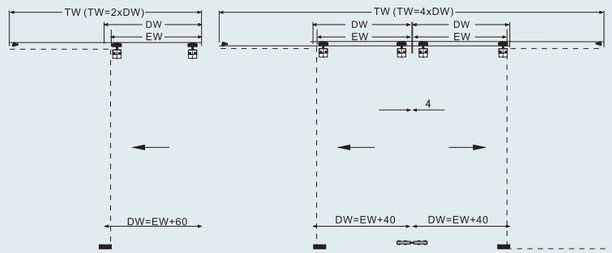
IM-G-3







OW=overpanel width
SW=sidelight width
DW=door width



TW= Tube Length DW=Door Width EW=Entry Width
If you need to assemble the lock, please add the width according to the door width and add the needed size of the lock.

IM-G series sliding door system



IM-G-1R(One Set)

Sliding Door Hanger
The maximum weight 100kg

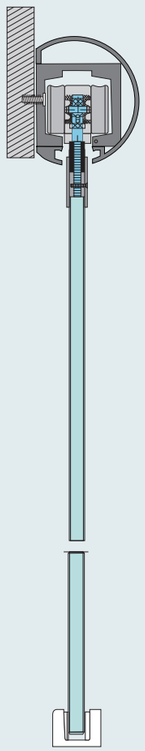






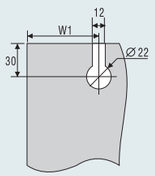




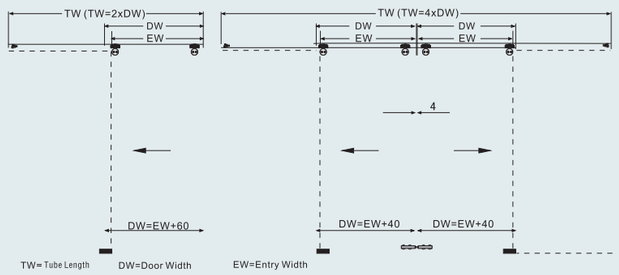




hole dimension of glass



OW=overpanel width
SW=sidelight width
DW=door width



If you need to assemble the lock, please add the width according to the door width and add the needed size of the lock.

IM-G series sliding door system:

Offering full ranges of glass sliding door solution

Max carrying weight up to 100KGS

Sliding door could fix on the wall; roof and glass panel.

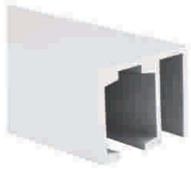
IM-G series sliding door system



IM-G-3
Single track



IM-G-3R
Single curve track with cover



IM-G-4
One side fix panel track

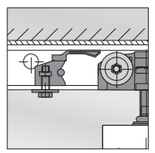


IM-G-5
Double track

Accessories

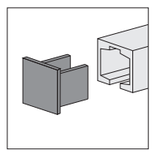


IM-G-6
Door Stopper

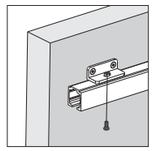




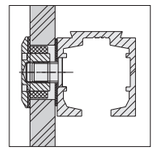
IM-G-7
Track end cover







IM-G-8
Track to wall hanger

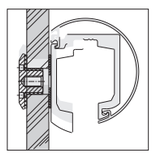




IM-G-9
Track to Fix glass panel hanger

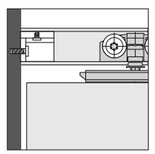


IM-G-10
Track to Fix glass panel hanger



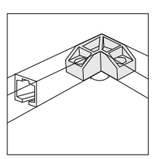


IM-G-11
Track to wall connector



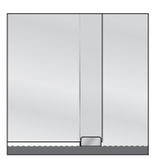


IM-G-12
90° connector of top track





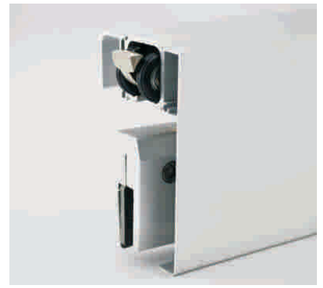
IM-O-13
Floor guide



IM-GH series sliding door system

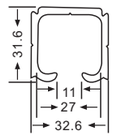


IM-GH-1(One Set)
Sliding Door Hanger
The maximum weight 100kg



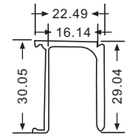


IM-GH-2
Top track



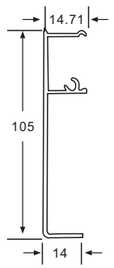


IM-GH-3
Fix panel track



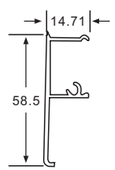


IM-GH-4
Long side cover





IM-GH-5
Short side cover

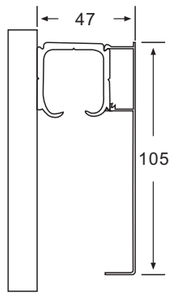


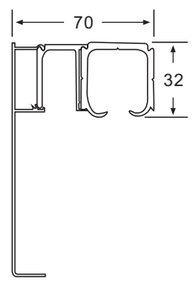


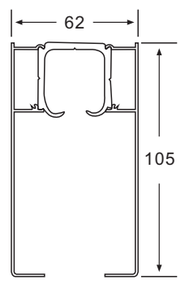
IM-GH-6
End cover

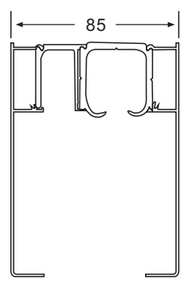


Options of track

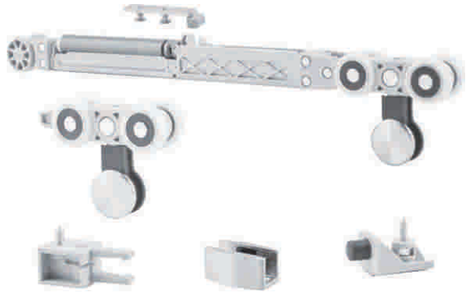








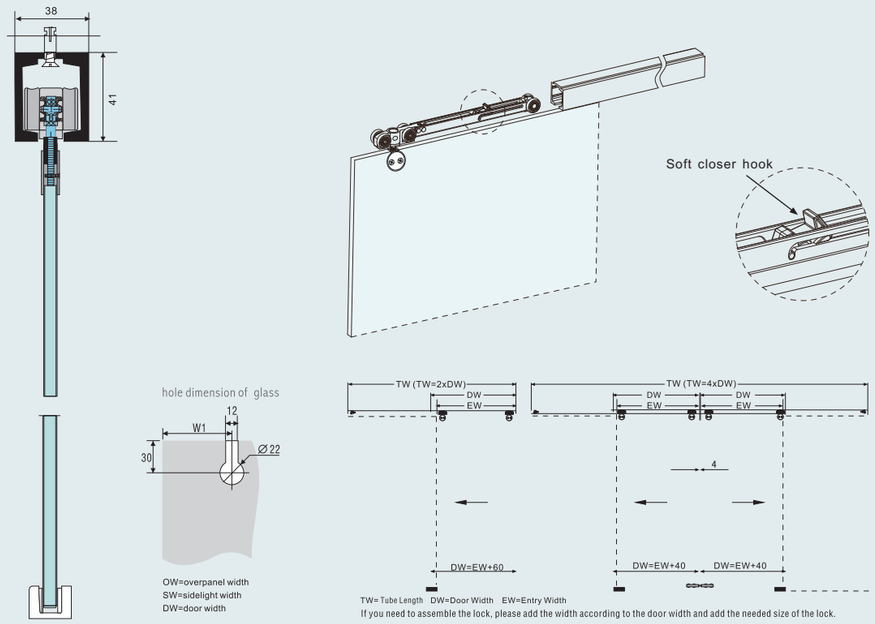
IM-GS series soft close sliding door system



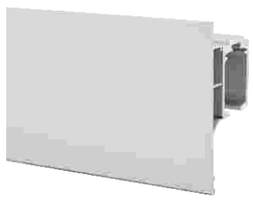
IM-GS-1(One Set)

Soft Close Sliding Door
The maximum weight 80kg





Options of track









IM-GS-3
Single track



IM-GS-3A
Track cover with Brushed



IM-GS-3B
Track cover with Brushed



IM-GS-3C
Track curve cover

Accessories





IM-GS-6A
Door Stopper with hook





IM-GS-6B
Door Stopper





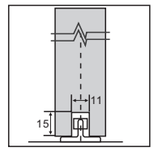
IM-GS-8A
Track to wall hanger





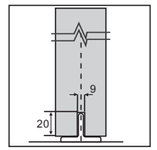
IM-GS-8B
Track to wall hanger





IM-GS-13A
Track to Fix glass panel hanger





IM-GS-13B
Track to wall connector



IM-GS-14
Soft closer hook for top track

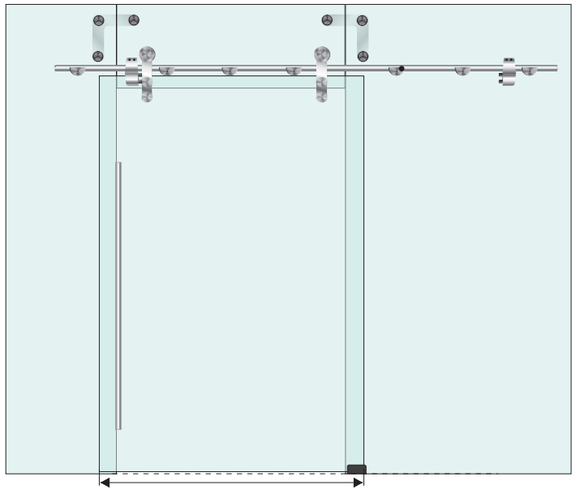


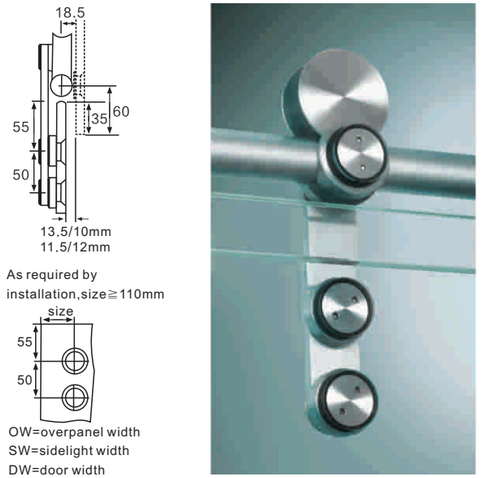


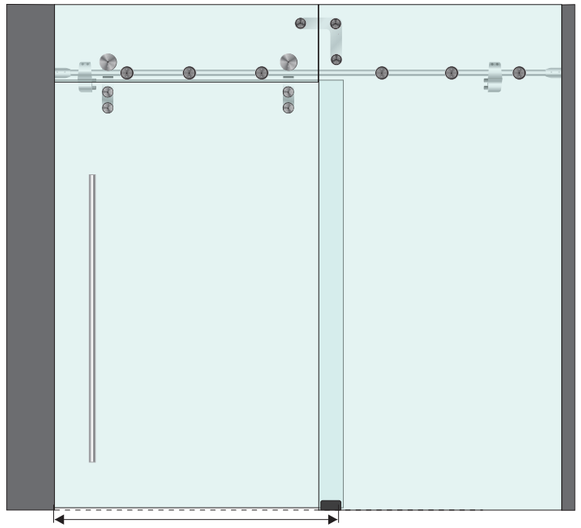
Brushed
Brushed for cover

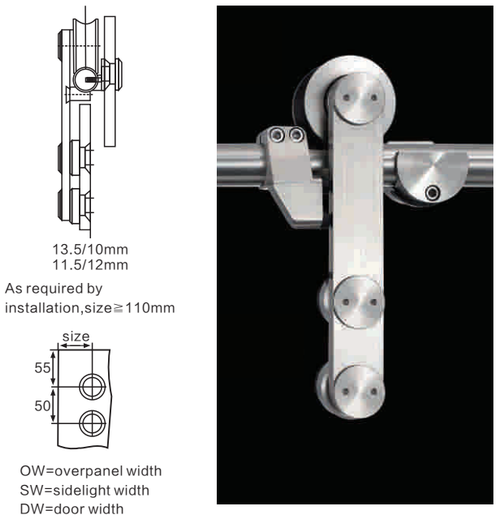


Stainless steel sliding door system







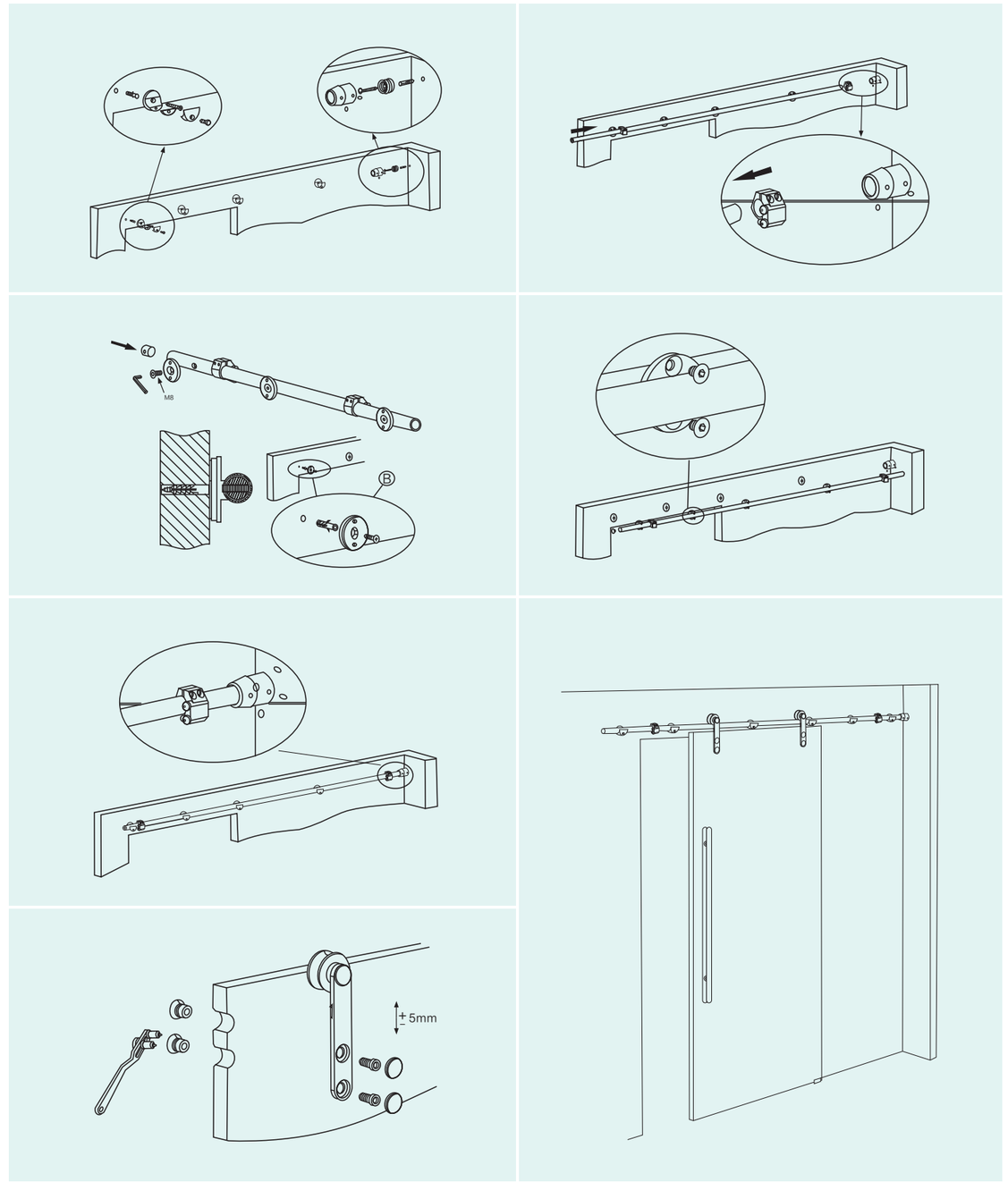


DAYLINGHT OPENING	ENTRY WIDTH	DOOR WIDTH	TUBE LENGTH
910-1010mm	800-900mm	960-1060mm	2038mm
1010-1110mm	900-1000mm	1060-1160mm	2238mm
1110-1210mm	1000-1100mm	1160-1260mm	2438mm
1210-1310mm	1100-1200mm	1260-1360mm	2638mm

Attentions

The distance for clamp fixing for track,wall fixing;
1.Weight 80kg:max-distance between the clamps=1/2 the width of the door;
2.Weight 80kg-120kg:max-distance between the clamps=1/3 the width of the door;
3.Weight 120kg-150kg:max-distance between the clamps=1/4 the width of the door;

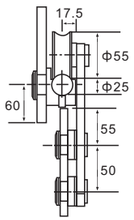
Installation guide

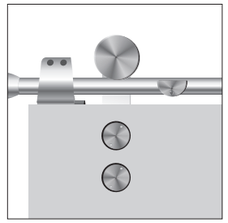


Stainless steel sliding door system



IM-O-1

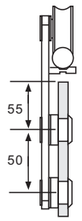


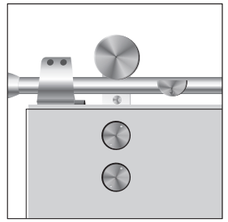


Sliding door roller



IM-O-1P

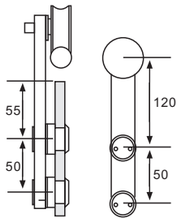


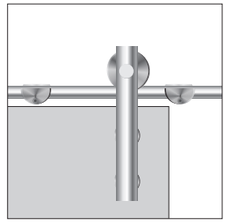


Sliding door roller with safety pin



IM-O-2

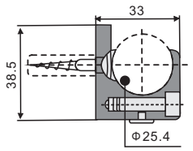


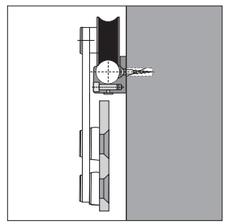


Sliding door roller



IM-O-3

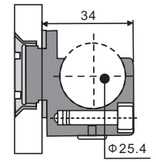


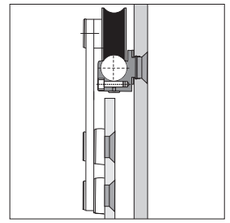


Tube to wall hanger for sliding door



IM-O-4

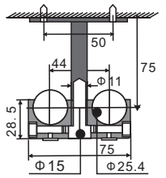


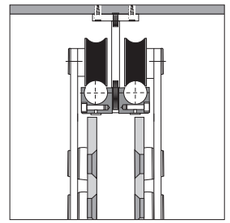


tube to glass hanger for sliding door



IM-O-5

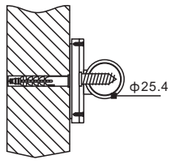


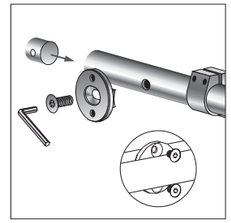


Double tube/roof hanger



IM-O-6

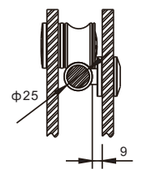


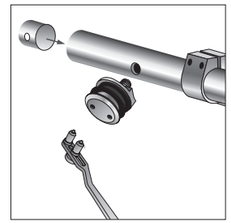


wall to tube hanger for IM-O-1P



IM-O-7





Glass to tube hanger for IM-O-1P