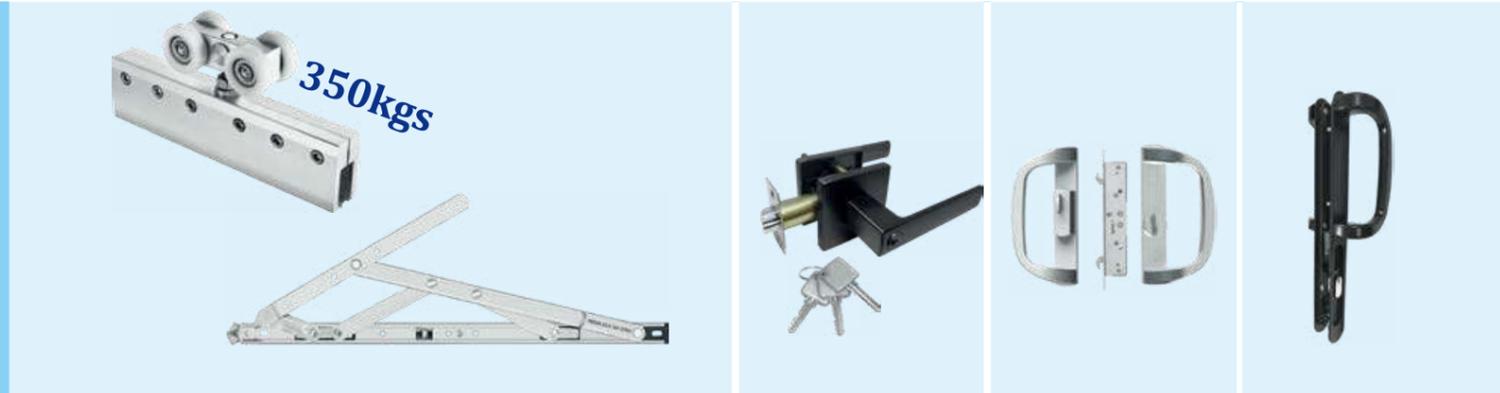


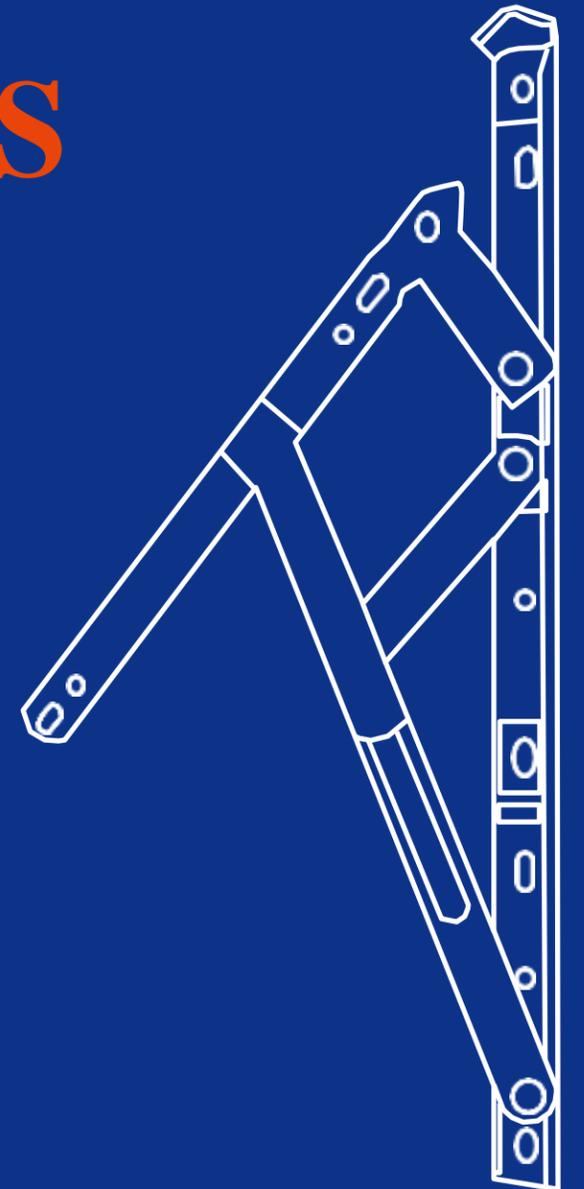
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**NEW INNOVATION ALUMINIUM HARDWARE ACCESSORIES**



**NEW**  
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**FOR**  
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# C CONTENTS

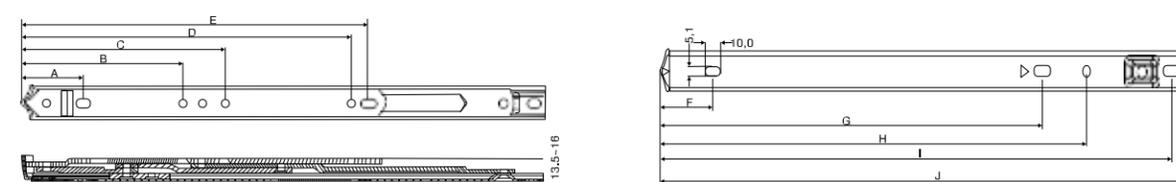


■ - Window Friction Stays Series .....	001-012
■ - Window Casement Handle & Crescent Fastener Series .....	013-018
■ - Sliding Door Lock Series .....	019-026
■ - Performance Sliding Door Handle Series .....	027-030
■ - Mortise Level Lock & Swing Door Lock Series .....	031-044
■ - Multipoint Window Series ( Handle , Bar , Bracket , Catches , Latch , Flat Bar ..... ) .....	045-060
■ - Conceal Heavy-Duty Folding Door .....	061-066
■ - Folding Door Series .....	067-072
■ - Performance Sliding Window .....	073-074
■ - Sliding Door Acceseries .....	075-080
■ - Performance Sliding Door Roller Series .....	081-084
■ - Sliding Door / Window Roller .....	085-088
■ - Sliding Door Series ( Wooden Door , Aluminium Door Hanging Roller ..... ) .....	089-094
■ - Prima Door Closer .....	095-097
■ - Weatherseal .....	098
■ - Lourves .....	099-100
■ - Netting( Stainless Steel , Aluminium , Black Stainless Steel , Fibre ) .....	101-102
■ - Protection Tape Series ( Protection Blue Tape , Frosted Film , Black Protection Tape ..... ) .....	103-104
■ - Others Accessories ( Aluminium Handle , Hinges , Flush Bolt ..... ) .....	105-110
■ - Silicone .....	111-112
■ - Dorma Accessories( Door Closer , Sliding Door ) .....	113-118
■ - Breezway Lourves Series( Palmair / Altair Louvers ) .....	119-124
■ - PVC Bracket .....	125-127
■ - Machine Series ( Hand pull Machine , Mitre-Saw , Hydraulic Machine ..... ) .....	128-134
■ - Milwaukee Tools .....	135-137
■ - Others Tools( Laser , Cutter , Screw , Drill Bit ..... ) .....	138-140
■ - Rivet .....	141
■ - Digital Lock .....	142



## PRIMA™ SUS 304

19 Round Groove : Stainless Steel Friction Stays  
Material : Stainless Steel SUS 304



## FRICTION STAYS SERIES

PRIMA 20mm Round Groove window friction stays range from four-bar, five-bar & six-bar stainless steel friction stays which are used for the support and frictional control of projecting side hung & awning windows.

- Material : Stainless Steel SUS 304
- composite stainless steel and nylon slider for strength, durability, and smooth operation
- Manufactured with the selected best quality of stainless steel
- Designed for standard style of side hung windows
- Easily adjust the opening angle joints
- Works well after overloading tests of 50000 times

MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (kg)	PACKING	(RM)/PAIR
408PR	4 BAR	2.0	450	1200	65°	11	100pairs/ctn	
412PR	4 BAR	2.0	500	1500	90°	18	100pairs/ctn	
416PR	4 BAR	2.5	600	1500	90°	22	50pairs/ctn	
520PR	5 BAR	2.5	700	1400	45°	26	25pairs/ctn	

# PRIMA™ SUS 304(18SQ)

18 Square Groove : Stainless Steel Friction Stays

Material : Stainless Steel SUS 304



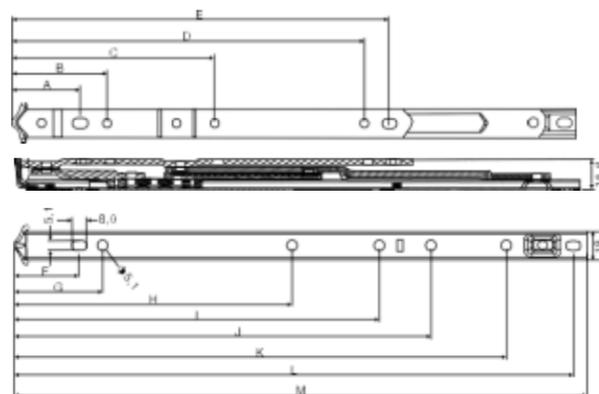
Unique 6mm Pivot



Safety Edge Circumference on Supporting Arms



Quality Stainless Steel Slide Pallet with PVC Coating



PRIMA 18mm Square Groove window friction stay are ranges from four-bar, five-bar & six-bar stainless steel friction stays which are used for the support and frictional control of projecting side hung & awning windows.

- Material : Stainless Steel SUS 304
- Its composite stainless steel and nylon slider for strength, durability, and smooth operation
- Manufactured with the selected best quality of stainless steel
- Designed for standard style of side hung windows
- Easily adjust the opening angle joints
- Works well after overloading tests of 50000 times

MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (kg)	PACKING	(RM)/PAIR
408PR-18SQ	4 BAR	2.0	500	1200	70°	11	100pairs/ctn	
412PR-18SQ	4 BAR	2.0	600	1500	90°	18	100pairs/ctn	
516PR-18SQ-SH	5 BAR	2.5	700	1500	90°	22	50pairs/ctn	
518PR-18SQ-TH	5 BAR	2.5	800	1500	90°	26	25pairs/ctn	
520PR-18SQ-SH	5 BAR	2.5	900	1500	65°	28	25pairs/ctn	
624PR-18SQ-SH	6 BAR	2.5	900	1600	55°	32	25pairs/ctn	

# PRIMA™ SUS 304(22SQ)

22 Square Groove : Stainless Steel Friction Stays

Material : Stainless Steel SUS 304



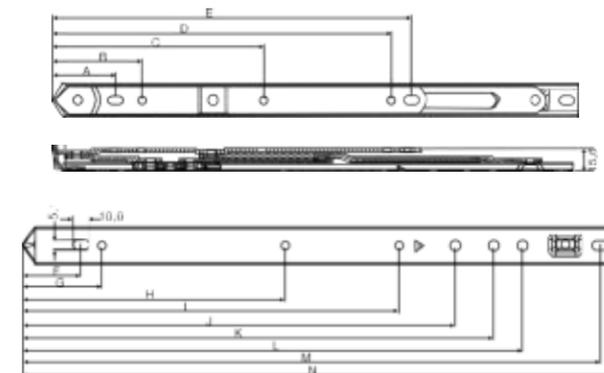
Unique 6mm Pivot



Safety Edge Circumference on Supporting Arms



Quality Stainless Steel Slide Pallet with PVC Coating



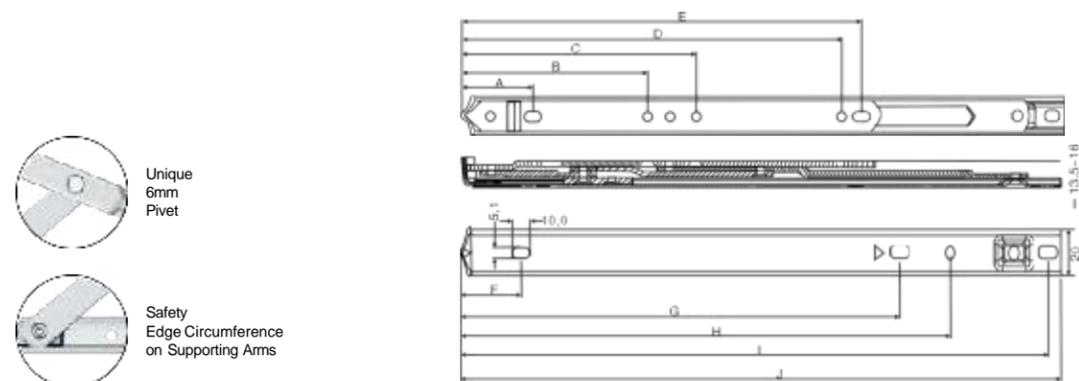
PRIMA 22mm Heavy Groove window friction stay are ranges from four-bar, five-bar & six-bar stainless steel friction stays which are used for the support and frictional control of projecting side hung & awning windows.

- Material : Stainless Steel SUS 304
- Its composite stainless steel and nylon slider for strength, durability, and smooth operation
- Manufactured with the selected best quality of stainless steel
- Designed for standard style of side hung windows
- Easily adjust the opening angle joints
- Works well after overloading tests of 50000 times

MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (mm)	PACKING	(RM)/PAIR
408PR-22SQ	4 BAR	2.5	450	1200	65°	16	100pairs/ctn	
412PR-22SQ	4 BAR	3.0	500	1500	90°	24	100pairs/ctn	
416PR-22SQ-SH	4 BAR	3.0	600	1500	90°	31	25pairs/ctn	
518PR-22SQ-SH	5 BAR	3.0	800	1750	65°	34	25pairs/ctn	
420PR-22SQ-TH	4 BAR	3.0	900	1800	65°	36	25pairs/ctn	

# KEYE 304

19 Round Groove : Stainless Steel Friction Stays  
Material : Stainless Steel (GRADE 202)



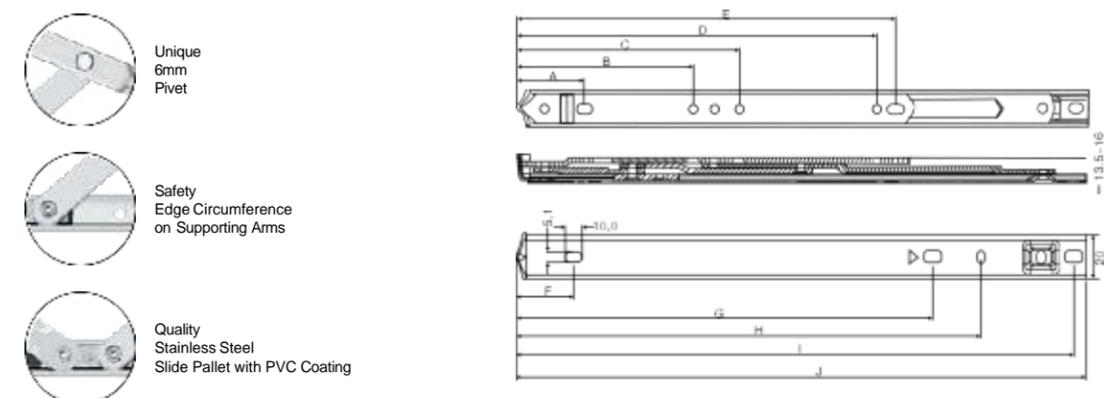
**KEYE 19mm Round Groove window friction stay** are ranges from four-bar & five-bar stainless steel friction stays which are used for the support and frictional control of projecting side hung & awning windows.

- Material : Stainless Steel 202
- Its composite stainless steel and nylon slider for strength, durability, and smooth operation
- Manufactured with the selected best quality of stainless steel
- Designed for standard style of side hung windows
- Easily adjust the opening angle joints
- Works well after overloading tests of 50000 times

MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (mm)	PACKING	(RM)/PAIR
406KEYE	4 BAR	2.0	400	800	55°	8	100pairs/ctn	
408KEYE	4 BAR	2.0	450	1200	60°	11	100pairs/ctn	
412KEYE	4 BAR	2.0	500	1500	90°	18	100pairs/ctn	
416KEYE	4 BAR	2.5	600	1500	90°	22	50pairs/ctn	
516KEYE-SH	5 BAR	2.5	650	1500	70°	24	50pairs/ctn	

# KEYE 304(18SQ)

18 Square Groove : Stainless Steel Friction Stays  
Material : Stainless Steel (GRADE 202)



**KEYE 18mm Square Groove window friction stay** are ranges from four-bar, five-bar & six-bar stainless steel stays which are used for the support and frictional control of projecting side hung & awning windows.

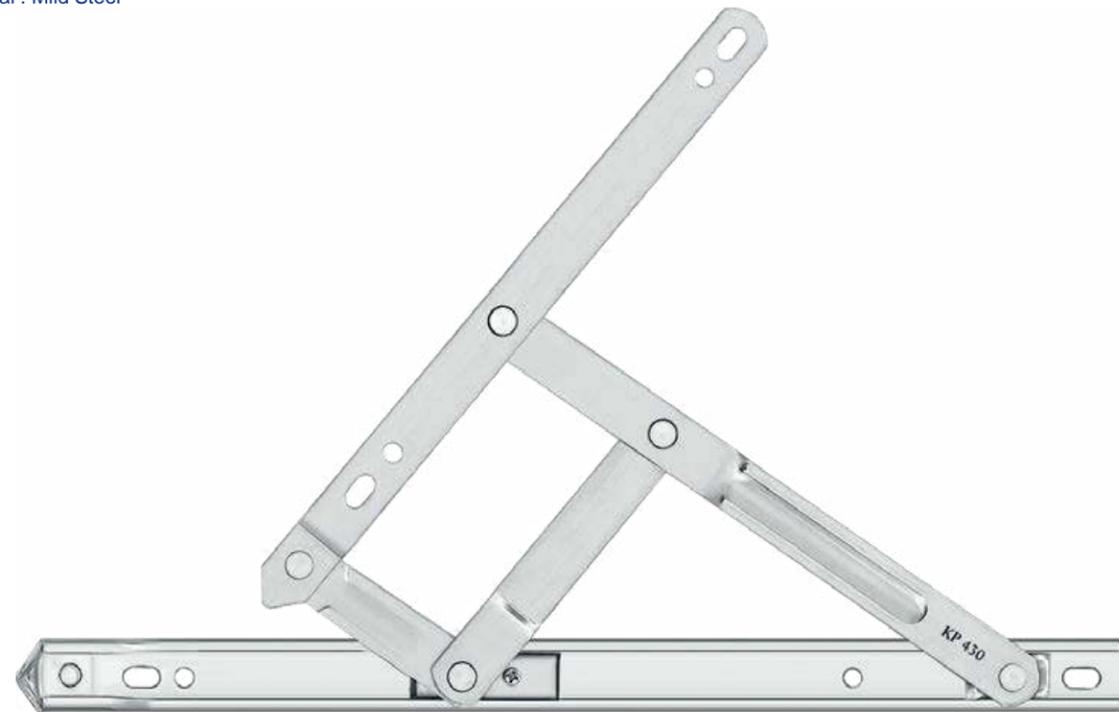
- Material : Stainless Steel 202
- Its composite stainless steel and nylon slider for strength, durability, and smooth operation
- Manufactured with the selected best quality of stainless steel
- Designed for standard style of side hung windows
- Easily adjust the opening angle joints
- Works well after overloading tests of 50000 times

MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (mm)	PACKING	(RM)/PAIR
408KESQ	4 BAR	2.0	500	1200	70°	11	100pairs/ctn	
412KESQ	4 BAR	2.0	600	1500	90°	18	100pairs/ctn	
416KESQ	4 BAR	2.5	650	1500	90°	22	50pairs/ctn	
516KESQ-SH	5 BAR	2.5	700	1500	90°	24	50pairs/ctn	
520KESQ	5 BAR	2.5	800	1500	45°	26	25pairs/ctn	
624KESQ	6 BAR	2.5	800	1750	45°	32	25pairs/ctn	

# KP 430 Mild Steel Stay

19 Round Groove : Mild Steel Stay

Material : Mild Steel



KP 430 Mild Steel stay are four-bar friction stays used for the support and frictional control of projecting side hung & awning windows.

- Material : Mild Steel 430
- Designed for standard style of side hung windows.
- Easily adjust the opening angle by joints.

CODE	A	B	C	D	E	F	G	H	I	J	K
8"	41	141.5	156	31	*	*	155.5	200	207	*	*
10"	41	174	185.5	40	*	*	214.5	252	259	*	*
12"	41	185.5	197	34.5	45.5	*	227.5	290	297	*	*
14"	41	217.5	229	35	46	254	283.5	340	347	340	348
16"	41	235.5	247	39.5	50.5	281	310	396	403	396	404
18"	41	108	146	246.5	258	42	*	247	337.5	449	457
20"	41	55	166.5	280.5	292	42	*	273	409	495	504
22"	41	55	194	305.5	317	42	*	304	458	544.5	555
24"	41	55	231	365.5	378	42	*	320.1	513	600	609

MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (mm)	PACKING (RM)/PAIR
MSH08H-8"	4 BAR	2.0	450	1200	65°	11	125pairs/ctn
MSH08H-12"	4 BAR	2.0	500	1500	90°	18	100pairs/ctn
MSH16H-16"	4 BAR	2.0	600	1500	90°	22	50pairs/ctn

# Top Hung Stay

18 Square Groove

Material : Stainless Steel SUS 304 / Grade 202



18mm Top Hung Square Groove window friction stay are range from 4 bar, 5 bar & 6 bar stainless steel(Grade 202) / Stainless Steel(SUS 304) friction stays which are used for the support and frictional control of projecting top hung window.

- Material : Stainless Steel 202 / Stainless Steel SUS 304
- Its composite stainless steel and nylon slider for strength, durability, and smooth operation.
- Manufactured with the selected style of top hung windows.
- Designed for standard style of top hung windows.
- Easily adjust the opening angle by joints.
- Works well after over loading tests of 50000 times

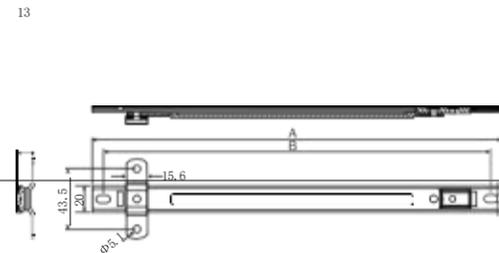
MODEL NO	BAR	THICKNESS (mm)	WIDTH (mm)	HEIGHT (mm)	OPEN DEGREE	WEIGHT (mm)	PACKING (RM)/PAIR
412KEYESQ-T(12" )	4 BAR	2.0	1200	600	35°	22	100pairs/ctn
516KEYESQ-T(16" )	5 BAR	2.5	1500	750	30°	35	50pairs/ctn
520KEYESQ-T(20" )	5 BAR	3.0	1500	900	30°	42	25pairs/ctn
624KEYESQ-T(24" )	6 BAR	3.0	1500	1200	30°	50	25pairs/ctn
412PR-18SQ-TH(12")	4 BAR	2.0	1200	600	35°	22	100pairs/ctn
412PR-18SQ-TH-RL(12")	4 BAR	2.0	1500	600	35°	24	100pairs/ctn
516PR-18SQ-TH(16")	5 BAR	2.5	1500	750	30°	35	50pairs/ctn
520PR-18SQ-TH(20")	5 BAR	3.0	1500	900	30°	42	25pairs/ctn
520PR-18SQ-TH-RL(20")	5 BAR	3.0	1800	900	30°	46	25pairs/ctn
624PR-18SQ-TH(24")	6 BAR	3.0	1500	1200	30°	50	25pairs/ctn
624PR-18SQ-TH-RL(24")	6 BAR	3.0	1500	1300	30°	52	25pairs/ctn

## 208P/210P/212P Two Bar Hinge(Round)

Material : Stainless Steel Sus 304  
Finish : Mill Finish



MODEL	SIZE	A	B
208P	8"	208	187
210P	10"	257	236
212P	12"	304	283

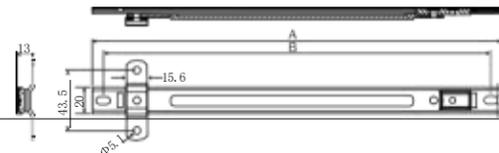


## 212PR22SQ Two Bar Hinge (Square)

Material : Stainless Steel Sus 304  
Finish : Mill Finish

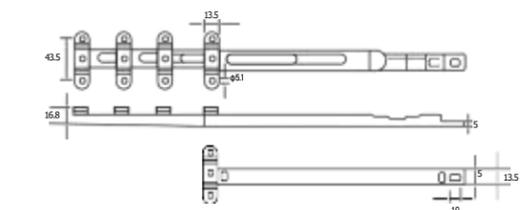


MODEL	SIZE	A	B
212PR22SQ	12"	303	270



## 210HOP Hold Open 2 Bar Hinge

Material : Stainless Steel Sus 304  
Finish : Mill Finish



## CR Restrictor Arm

Material : Stainless Steel Sus 304  
Finish : Mill Finish



MODEL	SIZE	BAR THICKNESS	BAR WIDTH	STACK HEIGHT
MPCR6	6"	2.0	13.5	13
MPCR10	10"	2.0	13.5	13
MPCR12	12"	2.0	13.5	13

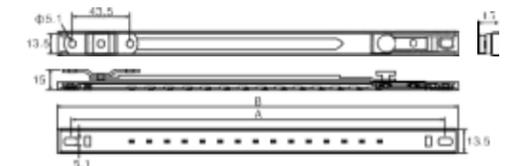


## Restrictor Arm

Material : Stainless Steel Sus 304  
Finish : Mill Finish



MODEL	SIZE	A	B
MP2B8	8"	187	208
MP2B10	10"	236	257
MP2B12	12"	283	304

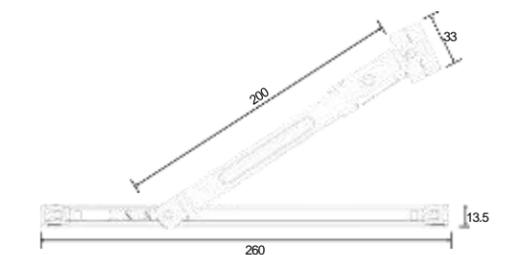


## MPSQ10

Material : Stainless Steel Sus 304  
Finish : Mill Finish



MODEL	SIZE	BAR THICKNESS	STACK HEIGHT	PACKING (CTN)
MP3B10	10"	2.5	20	50 Pairs/ctn



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/PAIR
208P	SUS 304	SS	200PCS/ctn	
210P	SUS 304	SS	200PCS/ctn	
212P	SUS 304	SS	200PCS/ctn	
212PR22SQ	SUS 304	SS	100PCS/ctn	
210HOP	SUS 304	SS	100PCS/ctn	

MODEL NO	SIZE	MATERIAL	FINISHING	PACKING	(RM)/PCS
MPCR6	6"	SUS 304	SS	100PCS/ctn	
MPCR10	10"	SUS 304	SS	100PCS/ctn	
MPCR12	12"	SUS 304	SS	100PCS/ctn	
MP2B8	8"	SUS 304	SS	100PCS/ctn	
MP2B10	10"	SUS 304	SS	100PCS/ctn	
MP2B12	12"	SUS 304	SS	100PCS/ctn	
MPSQ10	10"	SUS 304	SS	100PCS/ctn	





MODEL NO	SIZE	MATERIAL	FINISHING	PACKING	(RM)PAIRS
08SA-N	8"	SUS 304	SS	50pairs/ctn	
10SA-N	10"	SUS 304	SS	50pairs/ctn	
12SA-N	12"	SUS 304	SS	50pairs/ctn	
08SA-ADJ	8"	SUS 304	SS	50pairs/ctn	
10SA-ADJ	10"	SUS 304	SS	50pairs/ctn	
12SA-ADJ	12"	SUS 304	SS	50pairs/ctn	
AH13B	13"	Ahuminium	Black	80pairs/ctn	

Page

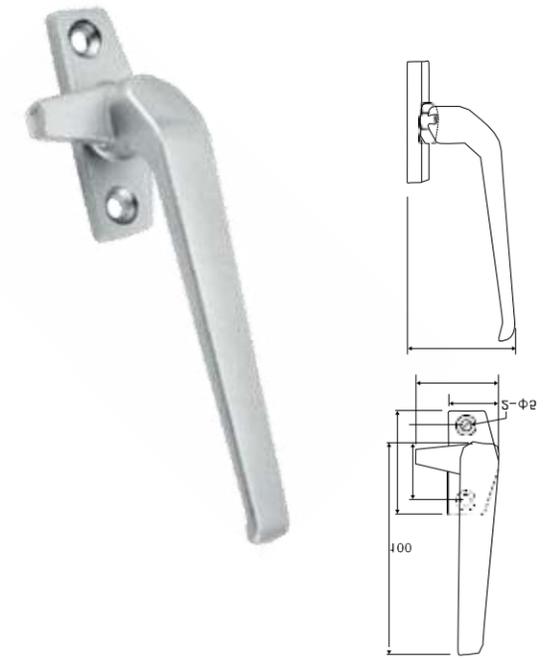
MODEL	SIZE
AH13B	13"



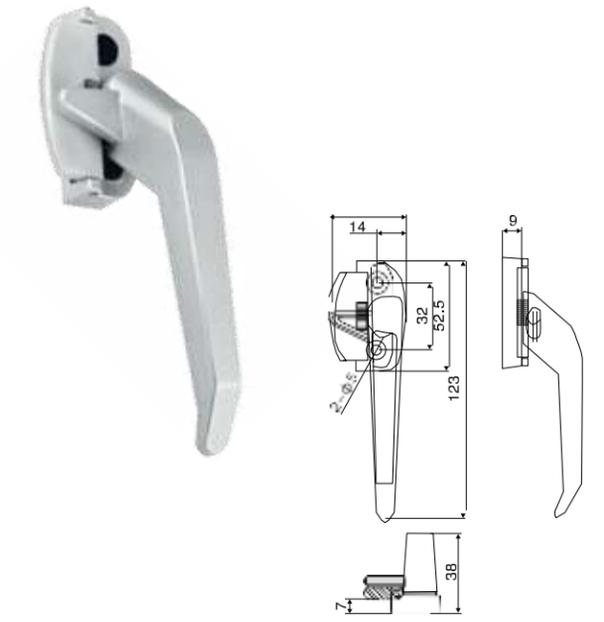


# CASEMENT HANDLE SERIES

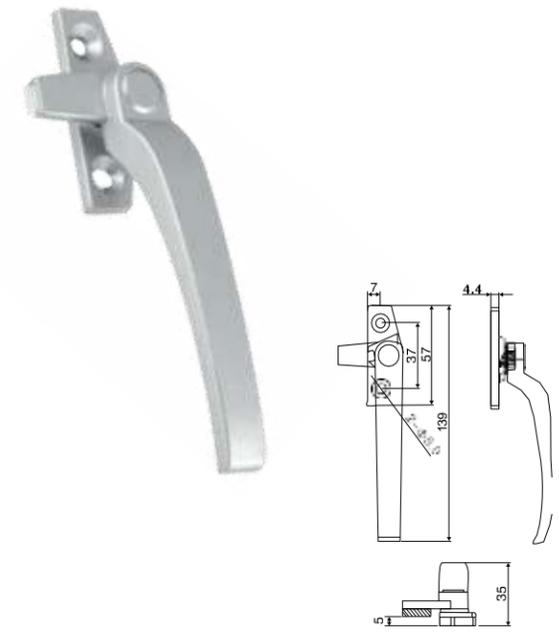
**CH608**  
Small Casement Handle



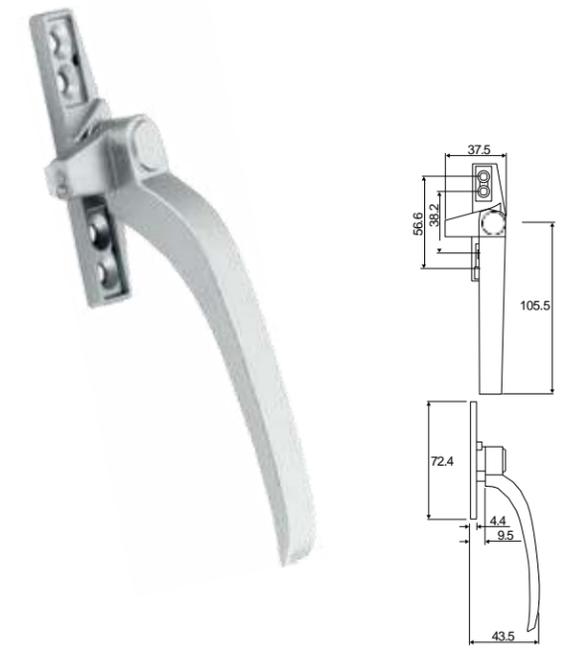
**CH430**  
Casement Handle With Blade



**CH410**  
Casement Handle



**CH410-4 HOLES**  
Casement Handle With 4 Holes

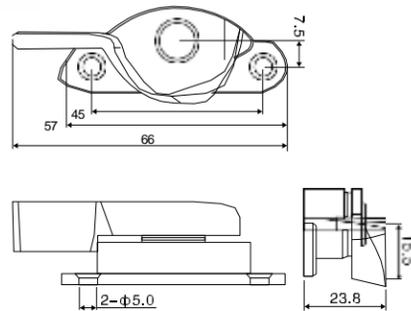


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/PCS
CH608	Aluminium	NA/MB/White/Black	600pcs/ctn	
CH430	Aluminium	NA/White/Black	400pcs/ctn	
CH410	Aluminium	NA/MB/White/Black	400pcs/ctn	
CH410-4HOLE	Aluminium	White/Black	200pcs/ctn	



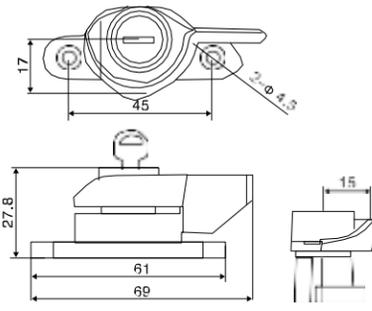
**CF350**

Crescent Fastener



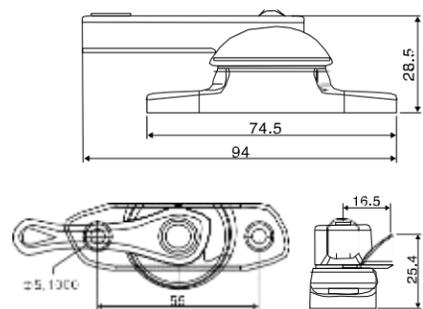
**CF320-KEY**

Crescent Fastener With Key



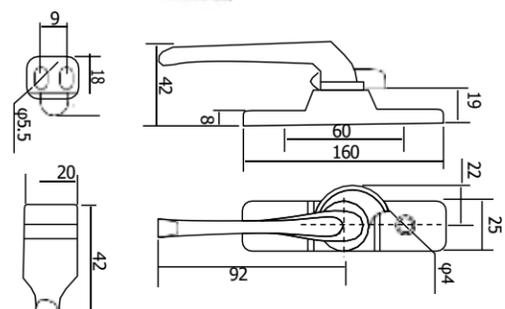
**CF360**

Crescent Fastener



**CF370**

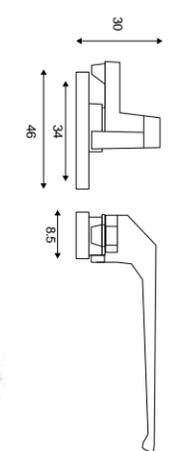
Crescent Fastener For Performance Sliding Window



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
CF350	Aluminium	NA/MB/White/Black	600pcs/ctn	
CF320	Zinc	NA/White/Black	200pcs/ctn	
CF360	Aluminium	NA/White/Black	200pcs/ctn	
CF370	Zinc	White/Black	200pcs/ctn	

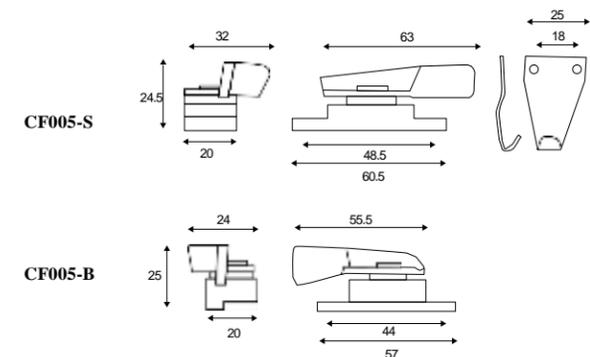
**CH061**

Finish : NA / MB / White / Black



**CF005S / B**

Finish : NA / MB / White / Black



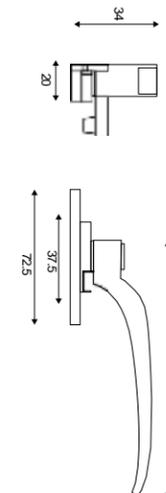
**CF005(KEY)**

Finish : NA / MB / White / Black



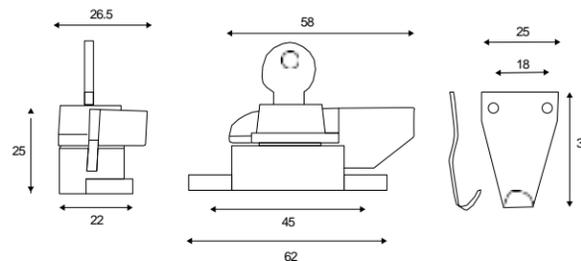
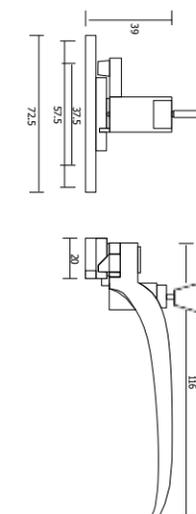
**CH063-V2**

Finish : NA / MB / White / Black



**CH063A(KEY)**

Finish : NA / MB / White / Black

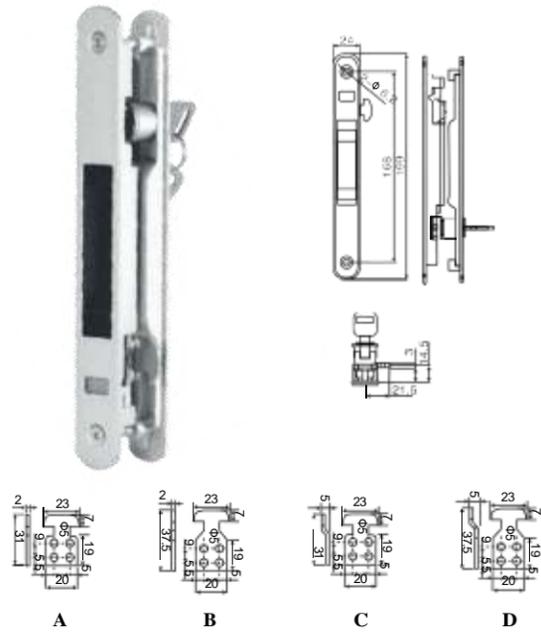


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
CH061	Aluminium	NA/White/Black	700pcs/ctn	
CH063-V2	Aluminium	NA/White/Black	500pcs/ctn	
CH063-V2	Aluminium	NA/White/Black	240pcs/ctn	
CF005-S	Aluminium	NA/White/Black	400pcs/ctn	
CF005-B	Aluminium	NA/White/Black	400pcs/ctn	
CF005-A(Key)	Aluminium	NA/White/Black	300pcs/ctn	



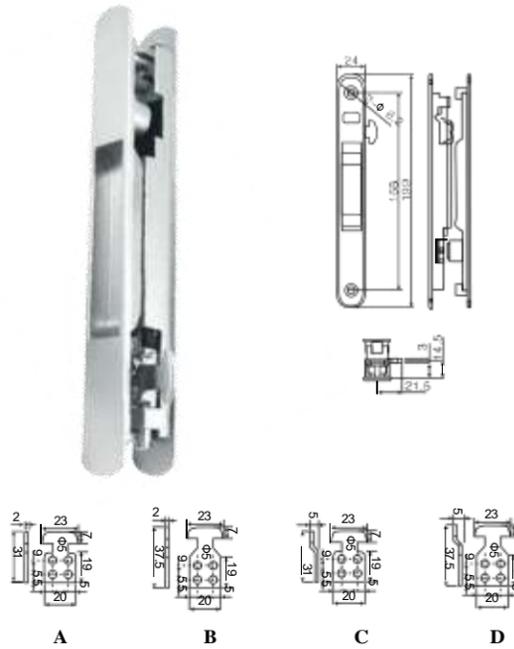
**LA7**

A7 Lock (32mm) C/W Key  
Finish : NA / White / Black



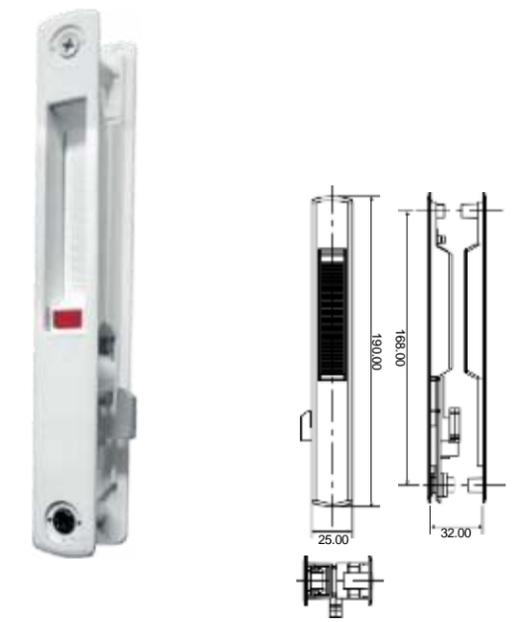
**LA8**

A8 Lock (32mm) W/O Key  
Finish : NA / White / Black



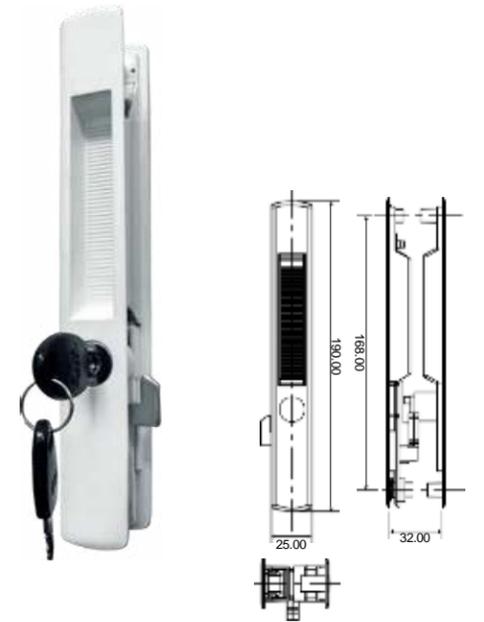
**LA1**

PMA A1 Lock Without Key  
Finish : NA / White / Black



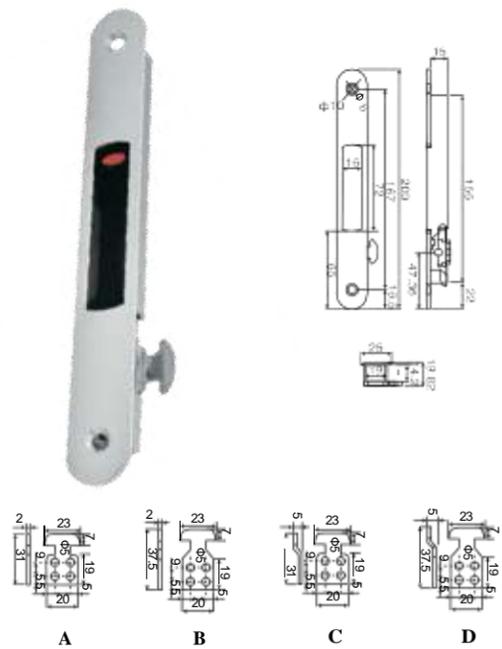
**LA2**

PMA A2 Lock C/W Key  
Finish : NA / White / Black



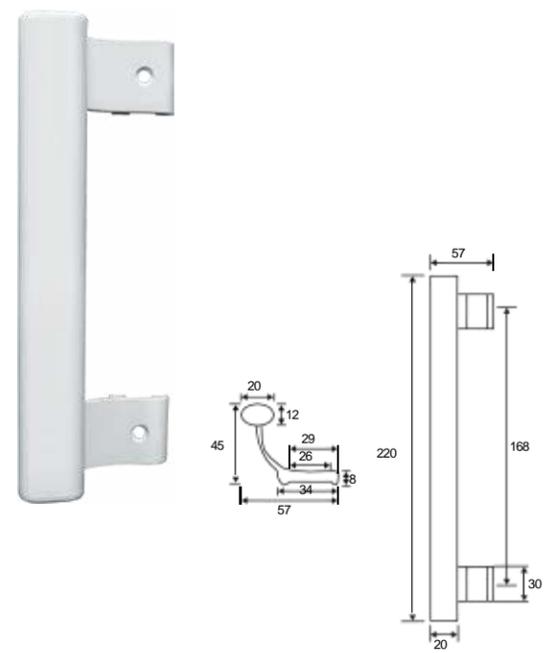
**LC5**

C5 Auto Lock (Single sided) W/O Key  
Finish : White / Black



**LC9** Handle

Suitable for A7/A8 Lock  
Finish : White / Black



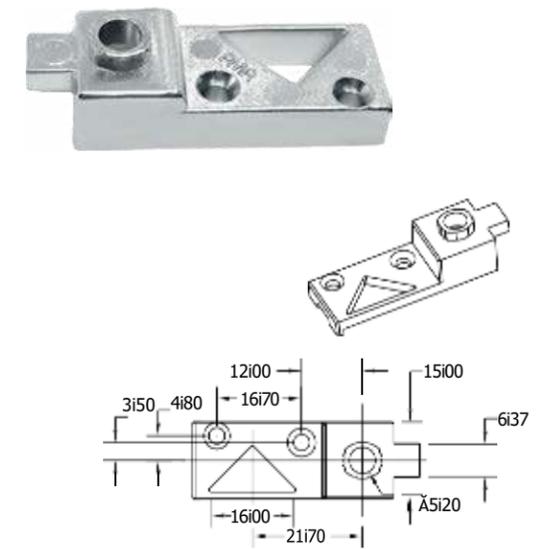
**LB9**

Suitable for A5/A6/A7/A8/B1/B2/A1/A2 Use  
Finish : White / Black



**LA2-ACC**

For A1 & A2 Lock use  
(32mm Aluminium Section)

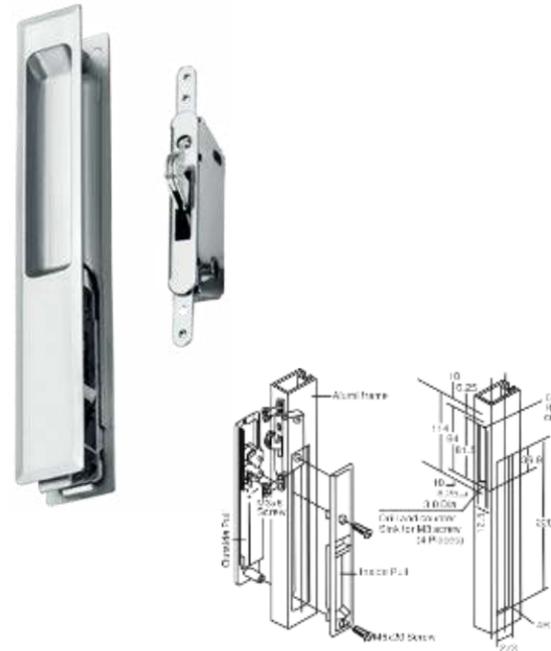


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LA7	Zinc	NA/MB/White/Black	50pcs/ctn	
LA8	Zinc	NA/MB/White/Black	50pcs/ctn	
LC5-AUTO	Zinc	NA/MB/White/Black	50pcs/ctn	
LC9-Handle	Zinc	NA/MB/White/Black	100pcs/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LA1	Zinc	NA/MB/White/Black	100pcs/ctn	
LA2	Zinc	NA/MB/White/Black	100pcs/ctn	
LA2-ACC	Zinc	-	-	
LB9-Handle	Zinc	White/Black	100pcs/ctn	

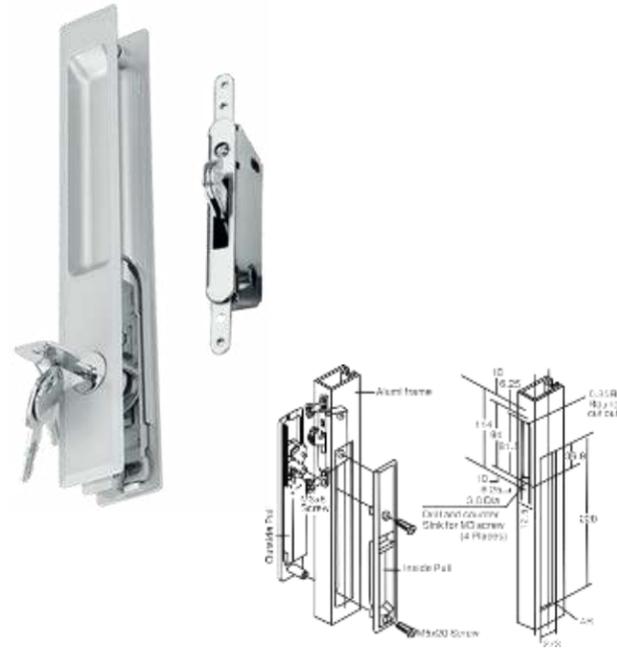
### J5

Lock W/O Key  
Finish : NA / MB / Black / White



### J6

Lock C/W Key  
Finish : NA / MB / Black / White



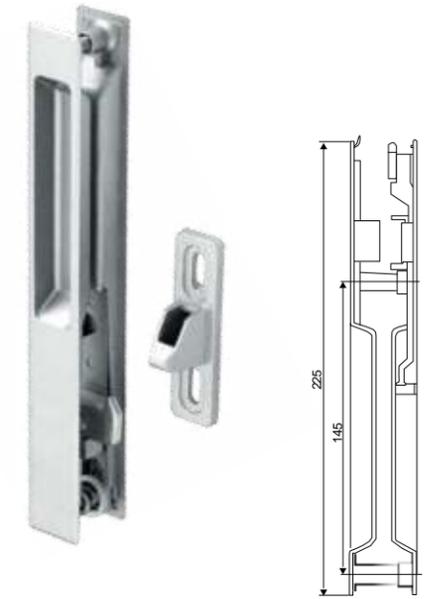
### J9

Lock C/W Key  
Suitable For 40mm Aluminium Section  
Finish : NA/Black/White



### J10

Lock W/O Key  
Suitable For 40mm Aluminum Section  
Finish : NA / Black / White



### J7

Lock Double Sided Key  
Finish : Black / White



### S88 SN S

Series Sliding Door Lock  
Finish : SILVER



### 4420

Lock C/W Single Side Key  
Finish : NA / MB / White



### 4430

Lock C/W Double Side Key  
Finish : NA / MB



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LJ5	Zinc	NA/MB/White/Black	50pcs/ctn	
LJ6	Zinc	NA/MB/White/Black	50pcs/ctn	
LJ7	Zinc	White/Black	50pcs/ctn	
S88-SN-S	Zinc	Silver	50pcs/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LJ9	Zinc	NA/White/Black	50pcs/ctn	
LJ10	Zinc	NA/White/Black	50pcs/ctn	
L4420	Zinc	NA/MB/White	50pcs/ctn	
L4430	Zinc	NA/MB	50pcs/ctn	





# PERFORMANCE SLIDING DOOR HANDLE SERIES

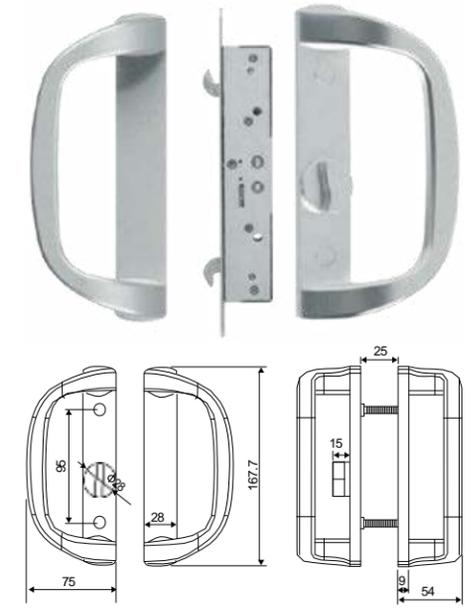
## PSD-712

Sliding Lock With 1 Side Key & 1 Side Thumbtum



## PSD-713

Sliding Lock With Single Thumbtum



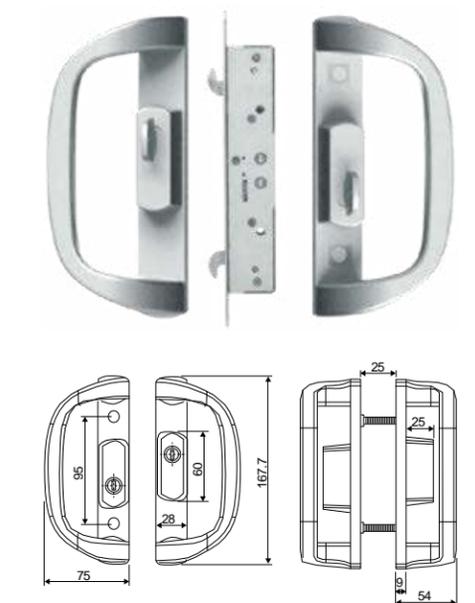
## PSD-714

Sliding Lock With Double Handle



## PSD-715

Sliding Lock With 2 Side Key



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
PSD-712	Zinc	White/Black	20pcs/ctn	
PSD-713	Zinc	White/Black	20pcs/ctn	
PSD-714	Zinc	White/Black	20pcs/ctn	
PSD-715	Zinc	White/Black	20pcs/ctn	

**SHB-1**

Double Door With Key

**SHB-2**

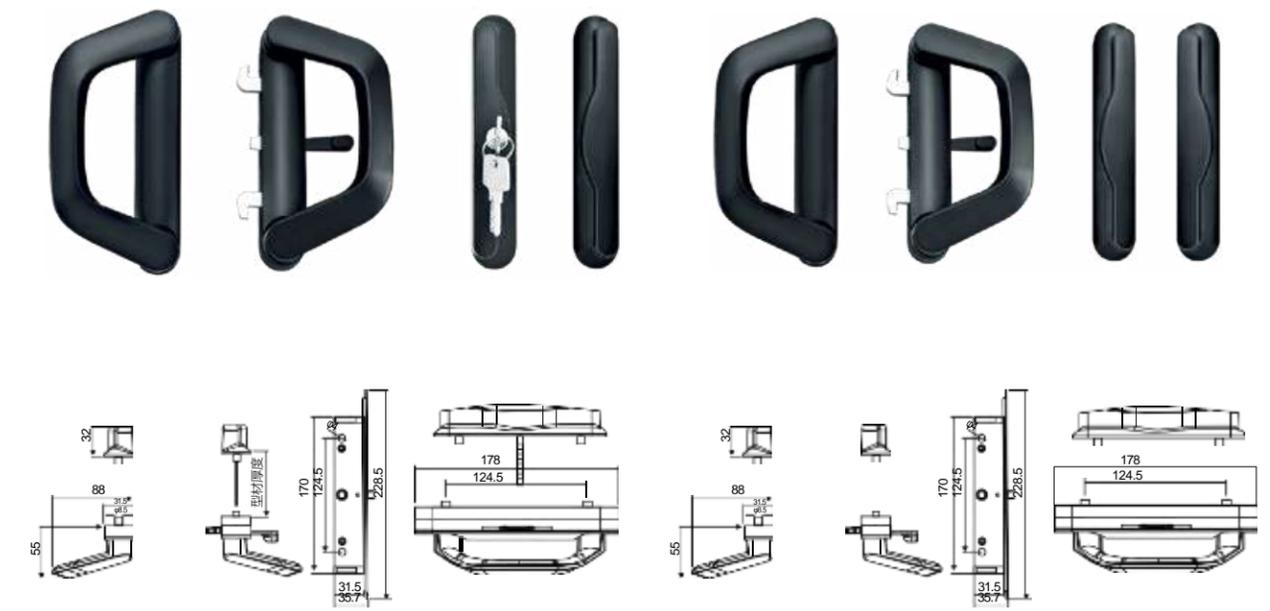
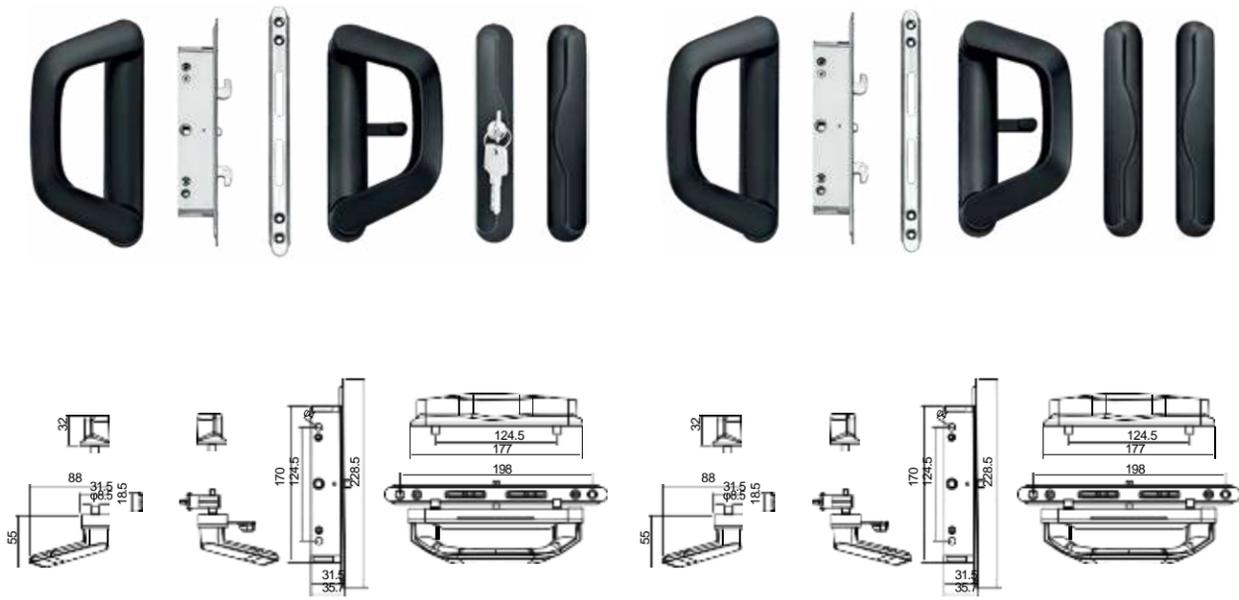
Double Door w/o Key

**SHA-1**

Double Door With Key

**SHA-2**

Double Door w/o Key



**SHB-3**

Single Door With Key

**SHB-4**

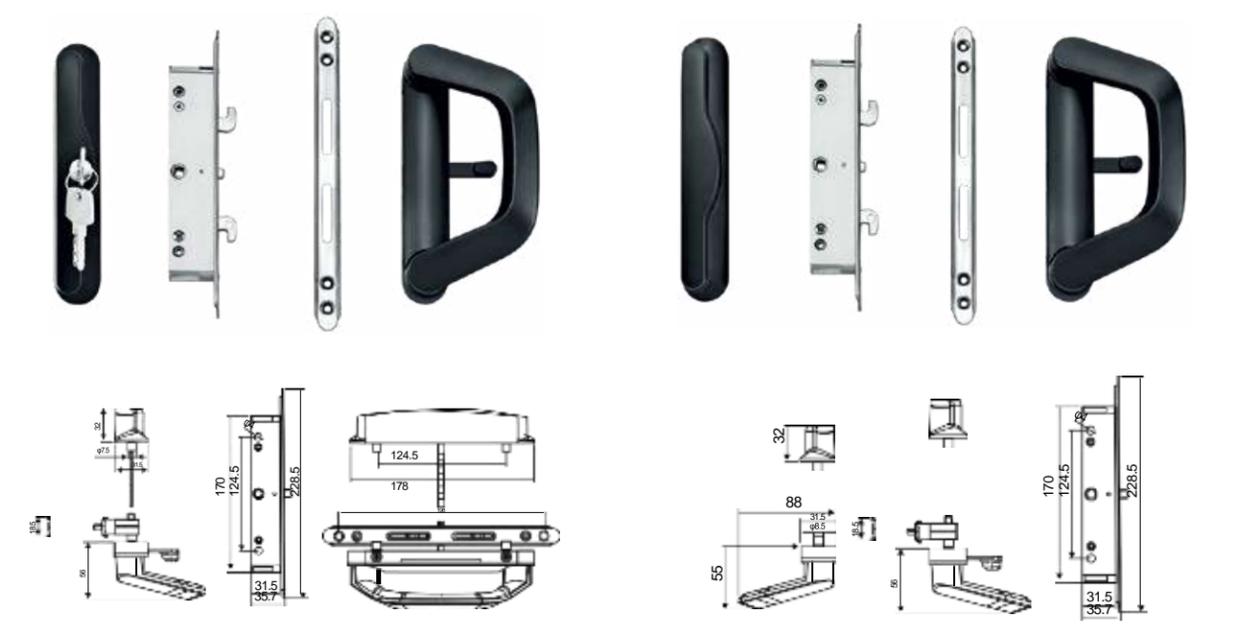
Single Door W/O Key

**SHA-3**

Single Door With Key

**SHA-4**

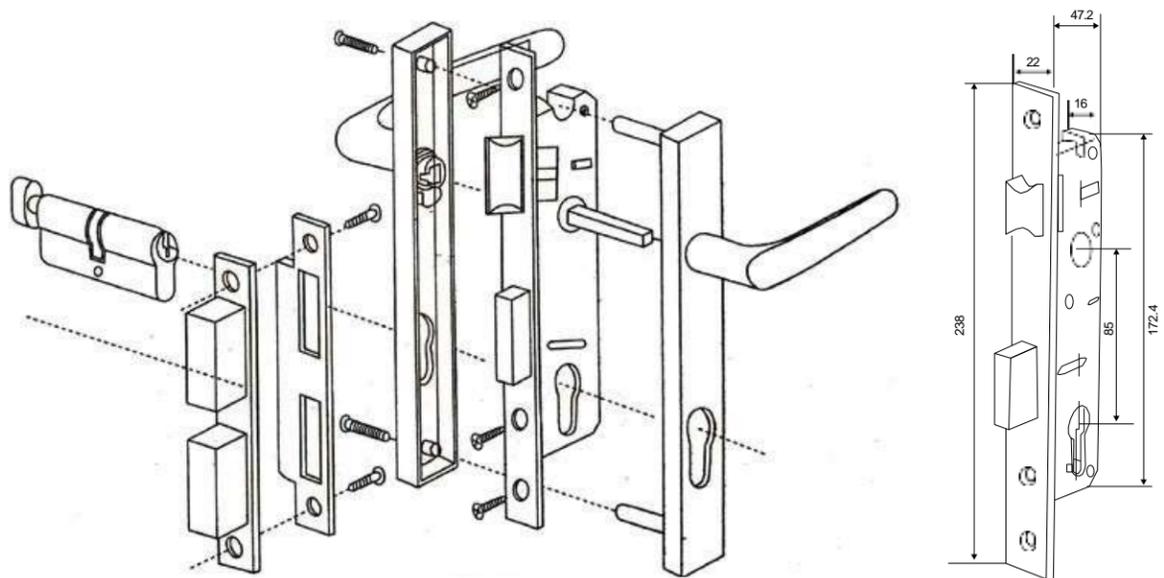
Single Door W/O Key



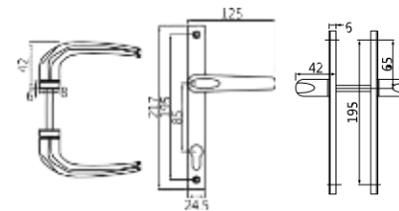
MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
SHB-1	Zinc	White/Black	10set/ctn	
SHB-2	Zinc	White/Black	10set/ctn	
SHB-3	Zinc	White/Black	10set/ctn	
SHB-4	Zinc	White/Black	10set/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
SHA-1	Zinc	White/Black	10set/ctn	
SHA-2	Zinc	White/Black	10set/ctn	
SHA-3	Zinc	White/Black	10set/ctn	
SHA-4	Zinc	White/Black	10set/ctn	

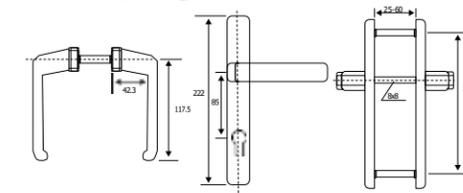
MORTISE LEVER LOCK



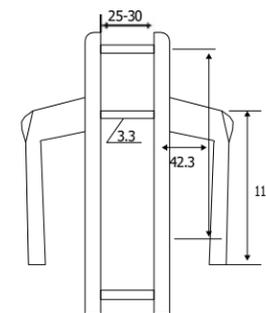
L-316 MORTISE LEVER LOCK



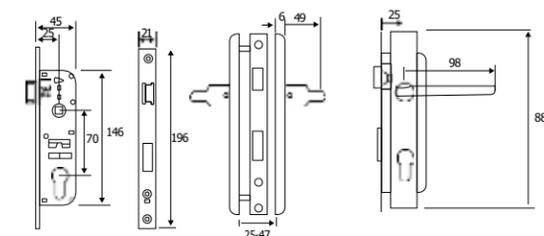
L-226 MORTISE LEVER LOCK



L228 Security Lock

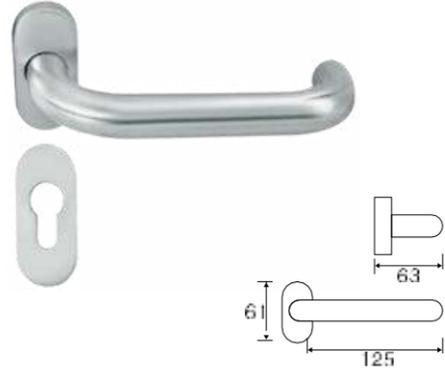


L229 Security Lock

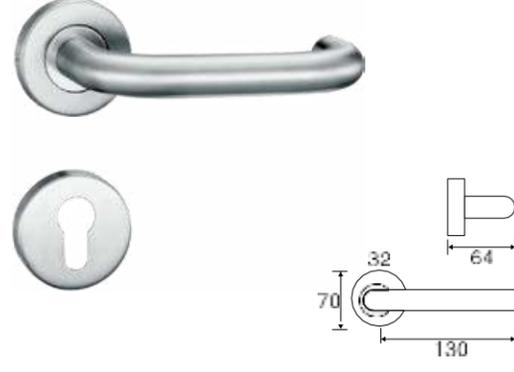


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
L-316	Zinc	NA/SS/White/Black	20pcs/ctn	
L-226	Zinc	White/Black	20pcs/ctn	
L-228	Zinc	SS/White/Black	20pcs/ctn	
L-229	Zinc	White/Black	20pcs/ctn	

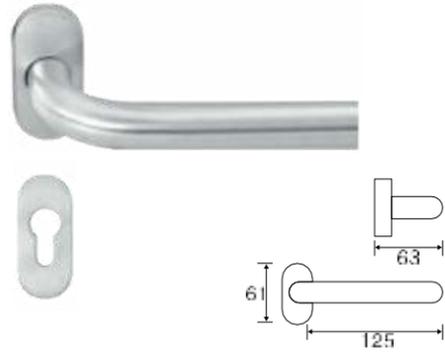
LT 32 OV



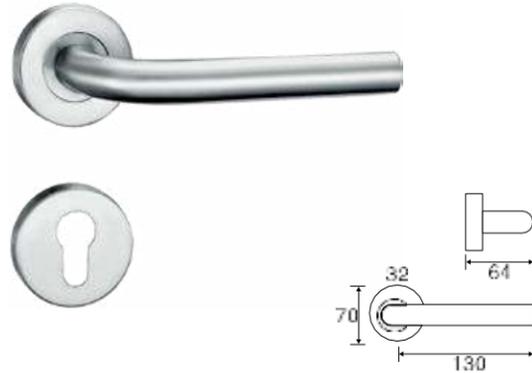
LT 32



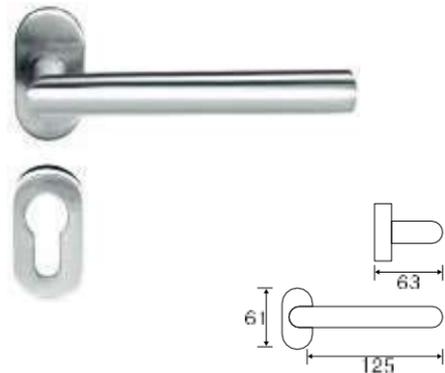
LT-35-OV



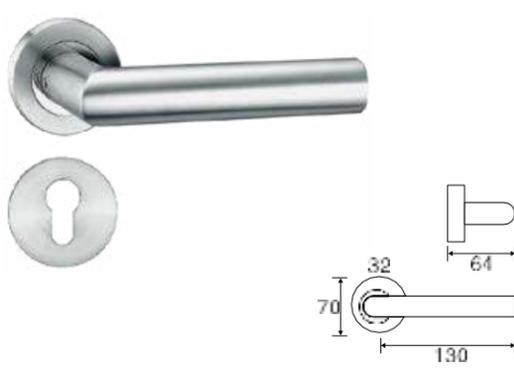
LT-35



LT-32-OV



LT-37



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LT-32-OV	SUS 304/Zinc	SN	20pcs/ctn	
LT-32	SUS 304/Zinc	SN	20pcs/ctn	
LT-35-OV	SUS 304/Zinc	SN	20pcs/ctn	
LT-35	SUS 304/Zinc	SN	20pcs/ctn	
LT-37-OV	SUS 304/Zinc	SN	20pcs/ctn	
LT-37	SUS 304/Zinc	SN	20pcs/ctn	

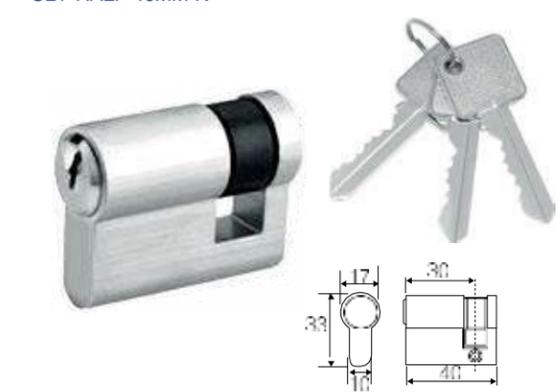
Cylinder Single Side Key

CLY- ST-70MM



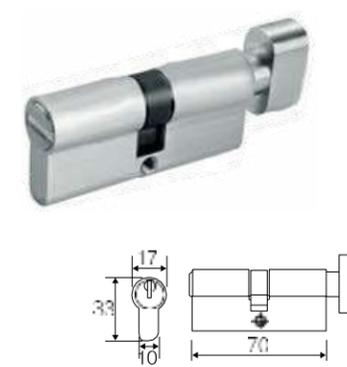
Half Cylinder With Key

CLY-HALF-40MM-K



Privacy Cylinder With Knob

CYL-PV-70MM



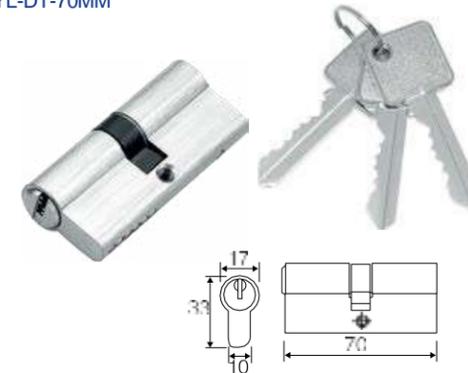
Half Cylinder With Knob

CLY-HALF-40MM-T



Cylinder Double Side Key

CYL-DT-70MM



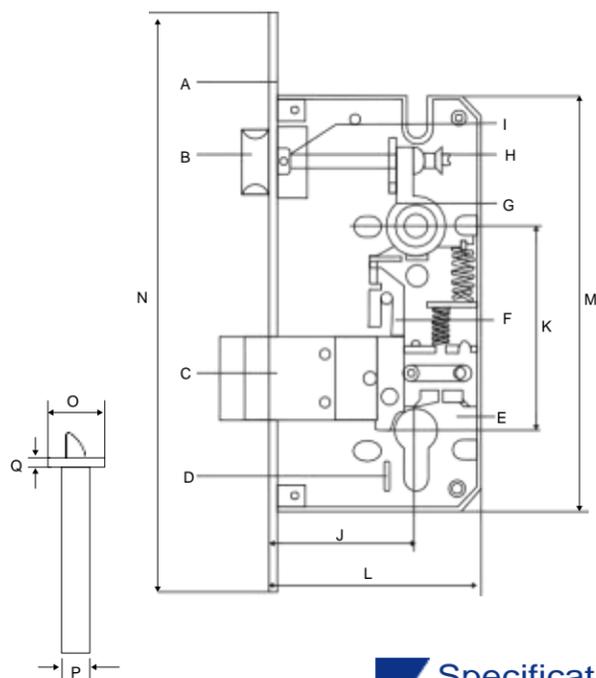
Cylinder for SHB Series Lock

SHB-KEY



MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
CYL-ST-70MM	Thumbturn & Key	Brass	SN	50pcs/ctn	
CYL-DT-70MM	Double Key	Brass	SN	50pcs/ctn	
CYL-HALF-40MM-T	Half Cylinder wt Thumbturn	Brass	SN	50pcs/ctn	
CYL-HALF-40MM-K	Half Cylinder wt Key	Brass	SN	50pcs/ctn	
CYL-PV-70MM	Thumbturn & Privacy	Brass	SN	50pcs/ctn	
SHB-KEY	Single Key	Brass	SN	50pcs/ctn	





- A - Forend Plate
- B - Latch Bolt
- C - Dead Bolt
- D - Screw Channel for Cylinder
- E - lockcase
- F - Action-Arm
- G - Follower
- H - Turning Device
- I - Spring
- J - Backset
- K - Distance
- L - Lockcase Width
- M - Lockcase Height
- N - Forend Length
- O - Forend Width
- P - Lockcase Thickness
- Q - Forend Thickness

**Specification**

- Stainless Steel SUS 304 3mm thickness Forendplate (Square)
- Stainless Steel SUS 304 1.5mm thickness Forendplate (Square)
- Stainless Steel SUS 304 1 x Curve Design Latch Bolt
- Stainless Steel SUS 304 1 x Square Dead Bolt
- Electrolytic steel 1.2mm Lockcase
- 8mm x 8mm Follower.

**Features**

- 25, 30, 35, 40, 45, 60 Backset of door
- 85mm Center distance of lock
- Sash Lock Function
- Reversible Latch Lock

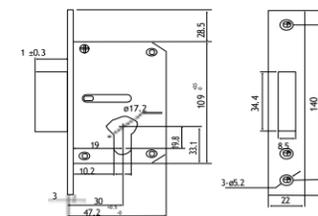


MODEL NO	J	K	L	M	N	O	P	Q
M25*85	25	85	42	172	240	23	15	3
M30*85	30	85	47	172	240	23	15	3
M35*85	35	85	52	172	240	23	15	3
M40*85	40	85	57	172	240	23	15	3
M45*85	45	85	62	172	240	23	15	3
M60*85	60	85	77	172	240	23	15	3

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
M25*85	SUS 304/Brass	SN	50pcs/ctn	
M30*85	SUS 304/Brass	SN	50pcs/ctn	
M35*85	SUS 304/Brass	SN	50pcs/ctn	
M40*85	SUS 304/Brass	SN	50pcs/ctn	
M45*85	SUS 304/Brass	SN	50pcs/ctn	
M60*85	SUS 304/Brass	SN	50pcs/ctn	

**RMD-30**

Cylinder Mortise with Square Latch

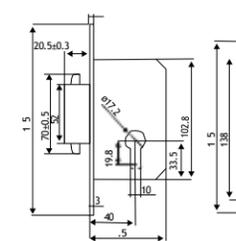


Square Latch: 3.0mm Stainless Steel Plate  
Used For: Wood Door / Aluminium Door  
Finishing: Hairline

30mm

**RMD-31**

Cylinder Mortise with Square Latch Hook

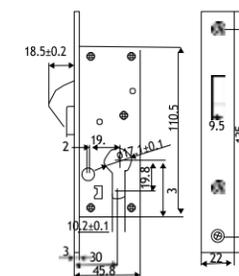


Square Latch with hook: 3.0mm Stainless Steel Plate  
Used For: Wood Door / Aluminium Door  
Finishing: Hairline

40mm

**RMD-32**

Cylinder Mortise with Hook

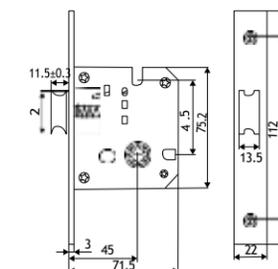


Square Latch with hook: 3.0mm Stainless Steel Plate  
Used For: Wood Door / Aluminium Door  
Finishing: Hairline

30mm

**RMD-33**

Spring Latch Mortise



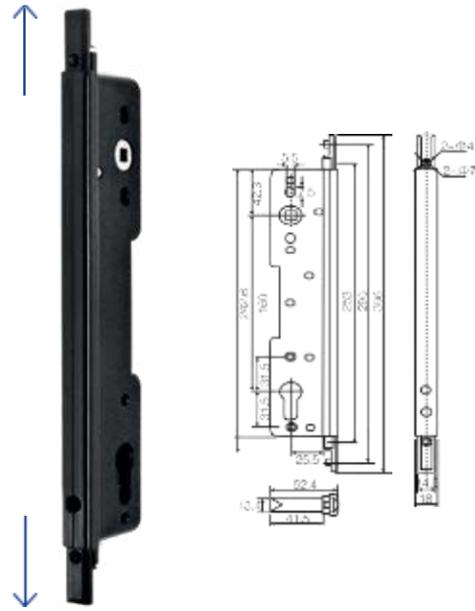
Spring Latch: 3.0mm Stainless Steel Plate  
Used For: Wood Door / Aluminium Door  
Finishing: Hairline

45mm

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
RMD-30	SUS 304	SN	50pcs/ctn	
RMD-31	SUS 304	SN	50pcs/ctn	
RMD-32	SUS 304	SN	50pcs/ctn	
RMD-33	SUS 304	SN	50pcs/ctn	

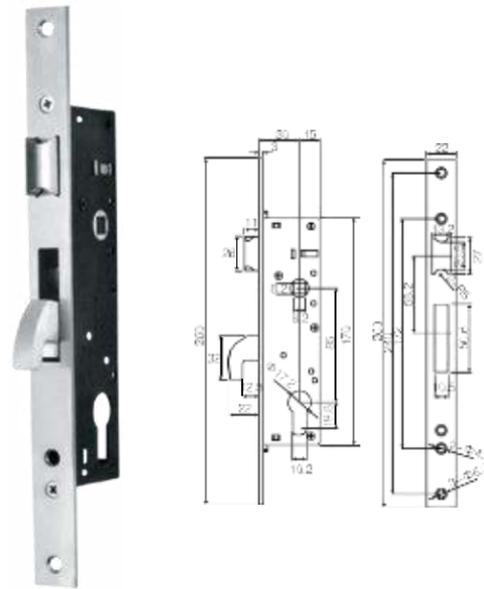
M028

Lock Body



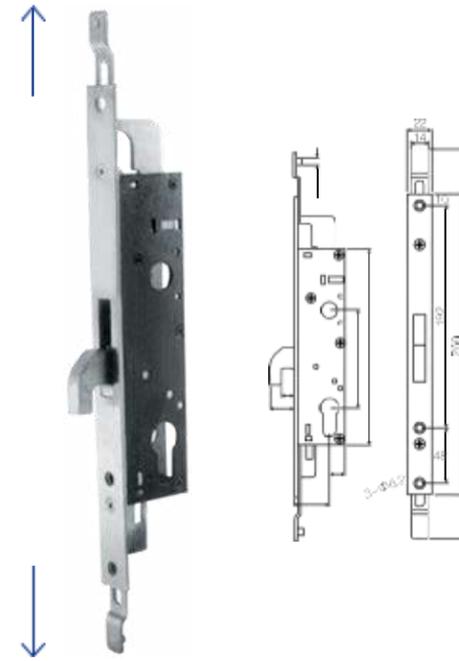
3085-E1

Lock Body



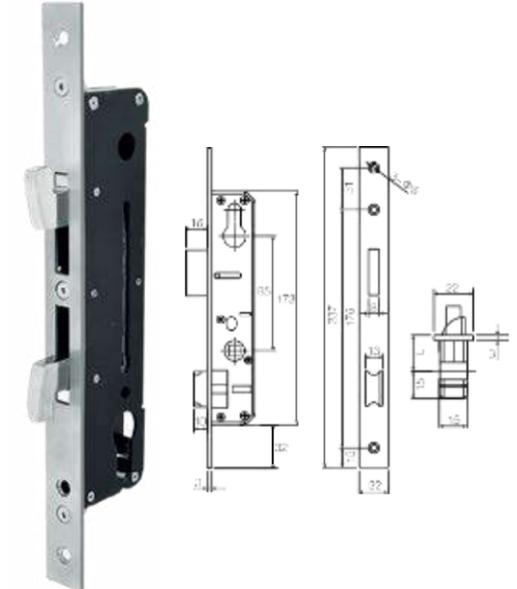
3085-E4

Lock Body



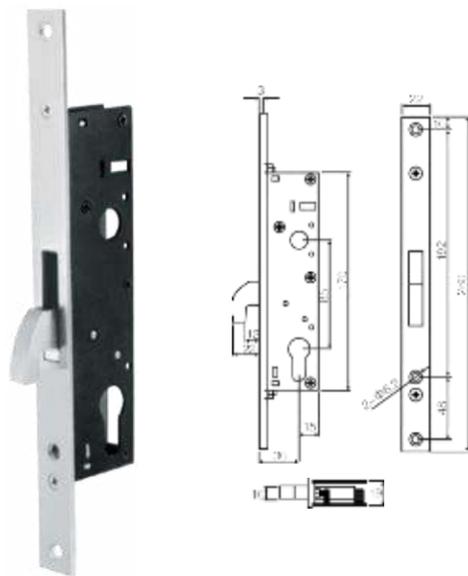
3585-E5

Lock Body



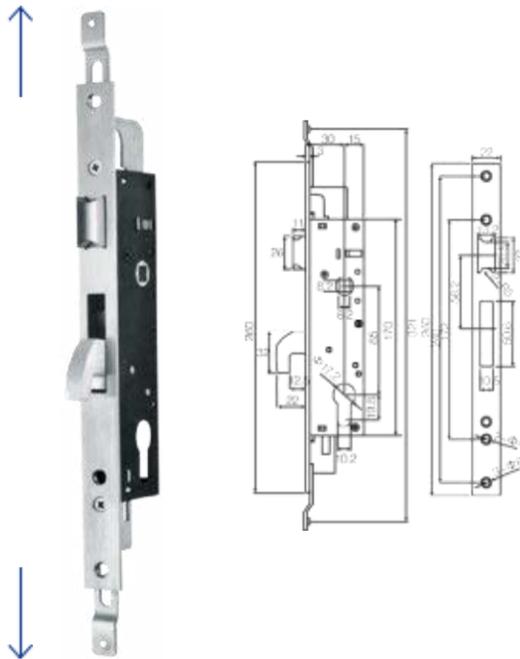
3085-E2

Lock Body



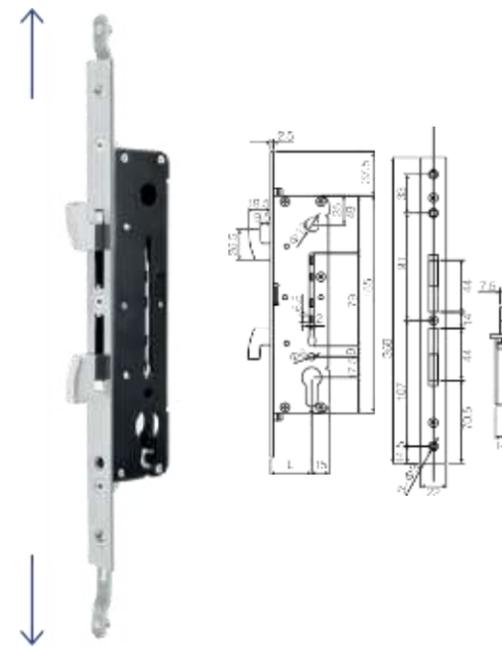
3085-E3

Lock Body For L 316



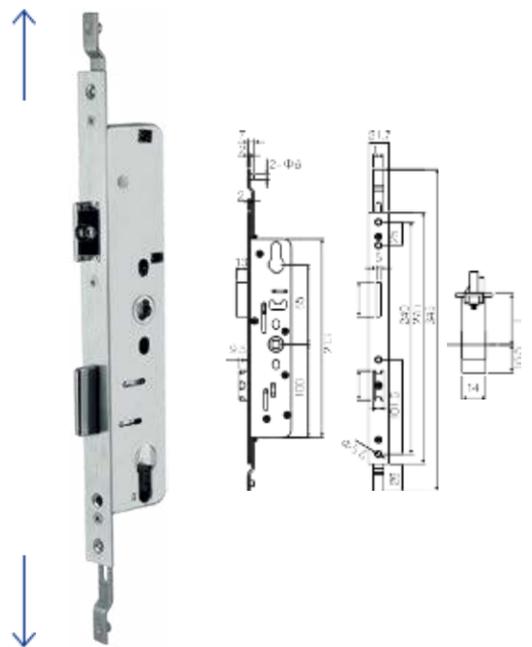
3585-E7

Lock Body



3085-E6

Lock Body

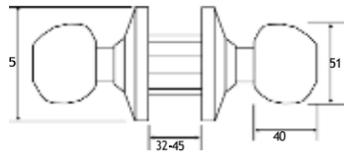


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
M028	Zinc	White/Black	50pcs/ctn	
3085-E1	SUS 304	SN	50pcs/ctn	
3085-E2	SUS 304	SN	50pcs/ctn	
3085-E3	SUS 304	SN	50pcs/ctn	

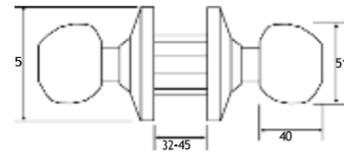
MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
3085-E4	SUS 304	SN	50pcs/ctn	
3085-E5	SUS 304	SN	50pcs/ctn	
3085-E7	SUS 304	SN	50pcs/ctn	
3085-E6	SUS 304	SN	50pcs/ctn	



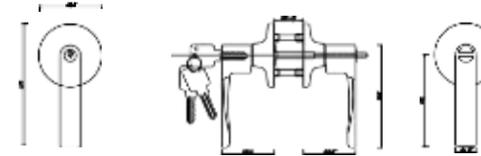
### 3871 Cylinder Lock With key



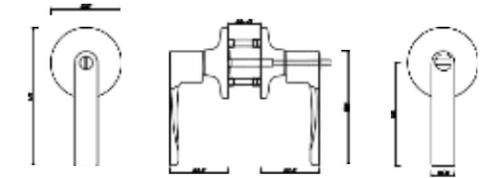
### 3872 Cylinder Lock W/O Key



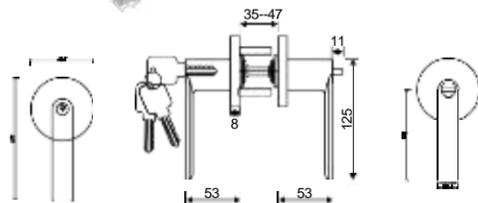
### 8600 Handle Cylinder With Key



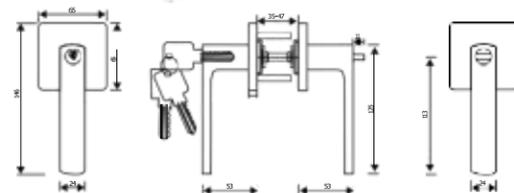
### 8610 Handle Cylinder W/O Key



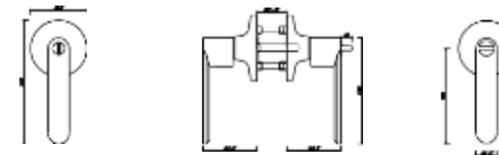
### CYL-J317 Tubular Lock



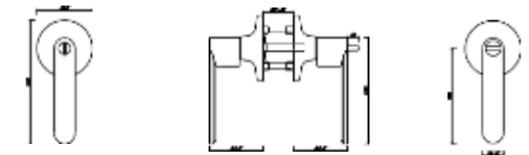
### CYL-J328 Tubular Lock



### TL-6491 Tubular Lock with Key

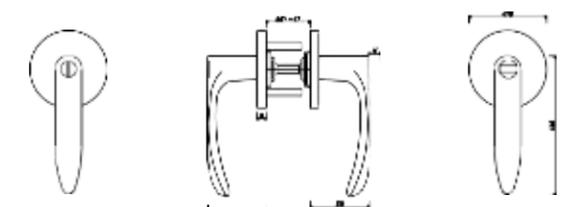
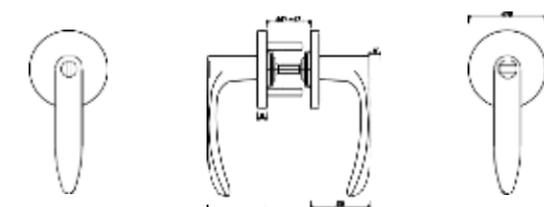
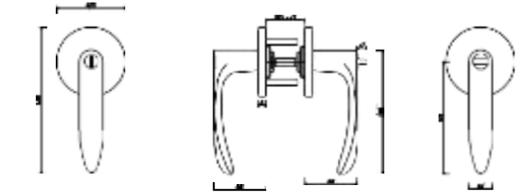
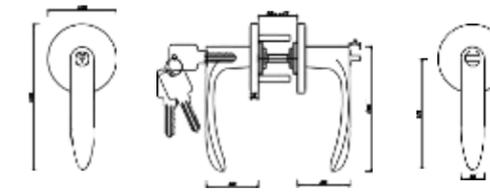
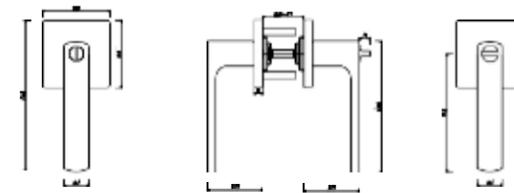
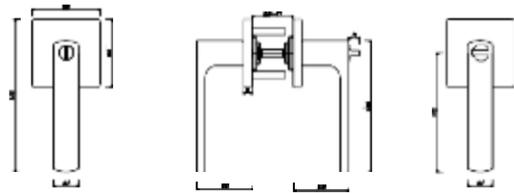
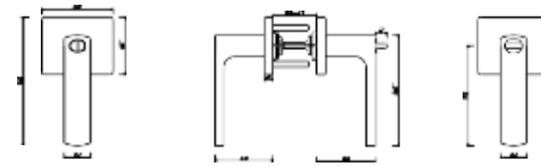
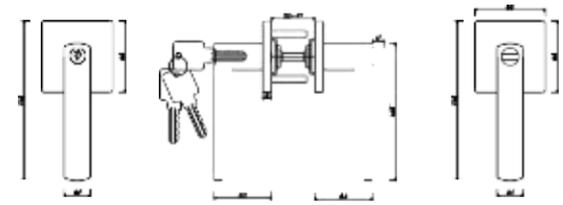


### TL-6492 Tubular Lock w/o Key



MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
CYL-3871	Entrance	SUS 304/Zinc	SS	30pcs/ctn	
CYL-3872	Privacy	SUS 304/Zinc	SS	30pcs/ctn	
TL-J317	Entrance	SUS 304/Zinc	SS	24pcs/ctn	
TL-J328	Entrance	SUS 304/Zinc	SS	24pcs/ctn	

MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
TL-8600	Entrance	SUS 304/Zinc	SS	24pcs/ctn	
TL-8610	Privacy	SUS 304/Zinc	SS	24pcs/ctn	
TL-6491	Entrance	SUS 304/Zinc	SS	24pcs/ctn	
TL-6492	Privacy	SUS 304/Zinc	SS	24pcs/ctn	

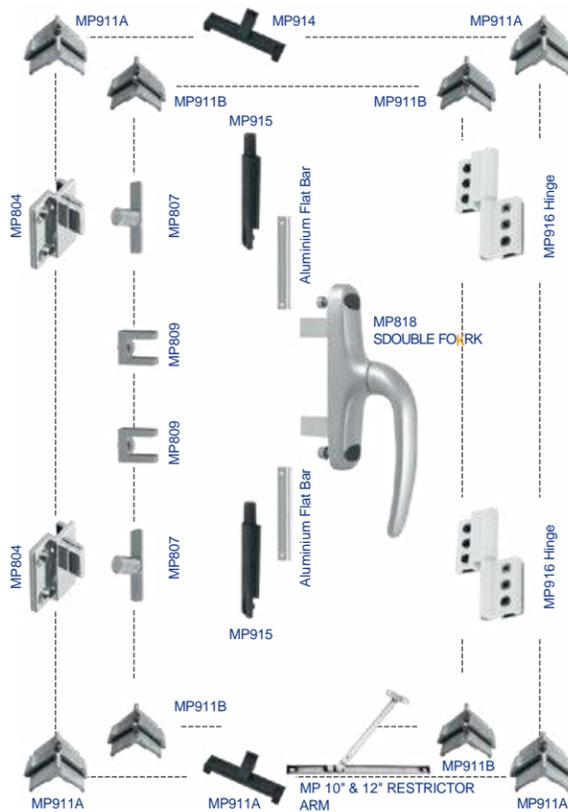
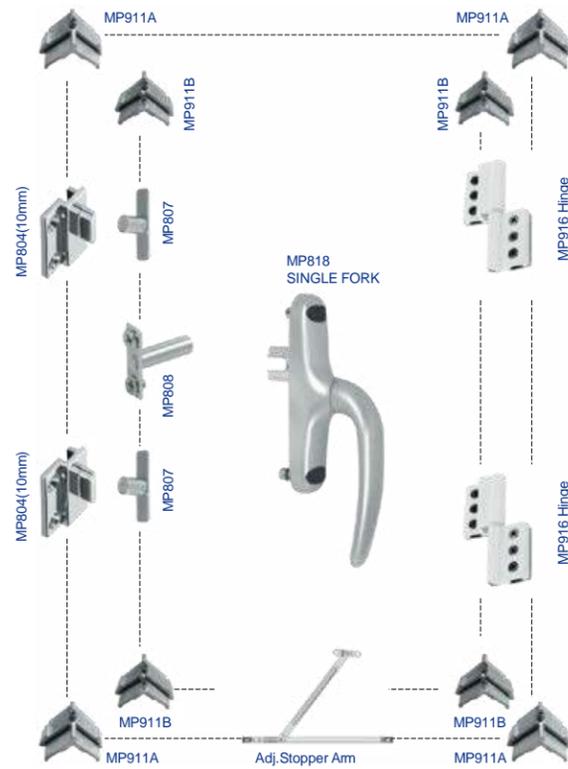


MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
TL-1818-SS	Entrance	SUS 304/Zinc	SS	24pcs/ctn	
TL-1818-MB	Entrance	SUS 304/Zinc	MattBlack	24pcs/ctn	
TL-1828-SS	Privacy	SUS 304/Zinc	SS	24pcs/ctn	
TL-1828-MB	Privacy	SUS 304/Zinc	MattBlack	24pcs/ctn	

MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
TL-1819-SS	Entrance	SUS 304/Zinc	SS	24pcs/ctn	
TL-1819-MB	Entrance	SUS 304/Zinc	MattBlack	24pcs/ctn	
TL-1829-SS	Privacy	SUS 304/Zinc	SS	24pcs/ctn	
TL-1829-MB	Privacy	SUS 304/Zinc	MattBlack	24pcs/ctn	



MULTIPOINT SINGLE SLIDE ACTION

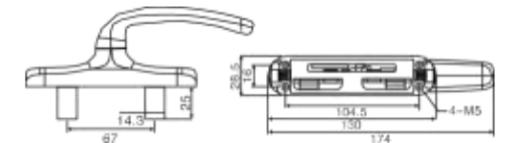
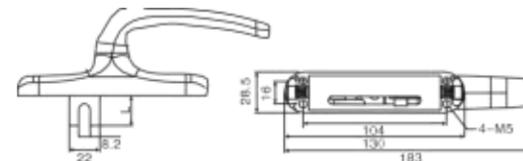


MULTIPOINT DOUBLE SLIDE ACTION

MULTIPOINT WINDOW (PMB)

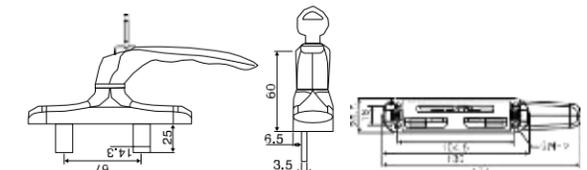
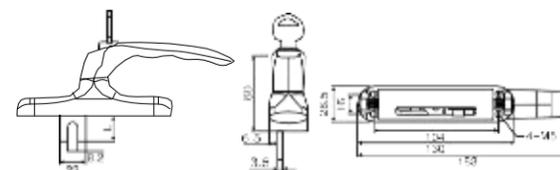
MP 818 SF Single Fork

MP 818 DF Double Fork



MP 820 SF Single Fork

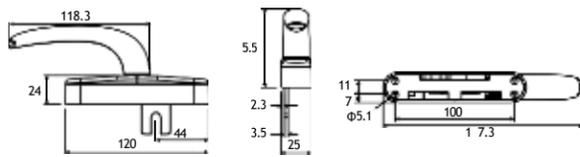
MP 820 DF Double Fork



MODEL NO	FUNCTION	BRAND	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP 818-SF	Single Fork	PRIMA	Zinc	White/Black	50pcs/ctn	
MP 818-DF	Double Fork	PRIMA	Zinc	White/Black	50pcs/ctn	
MP 820-SF	Single Fork	PRIMA	Zinc	White/Black	50pcs/ctn	
MP 820-DF	Double Fork	PRIMA	Zinc	White/Black	50pcs/ctn	

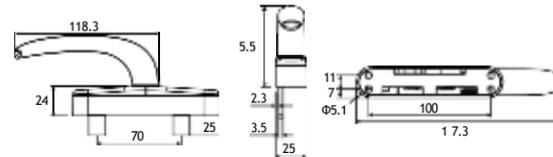
**MP 831-SF Single Fork**

Multipoint Euro Handle Without Screw Cover



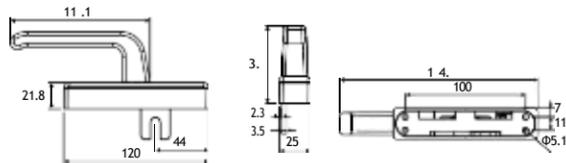
**MP 831-DF Double Fork**

Multipoint Euro Handle Without Screw Cover



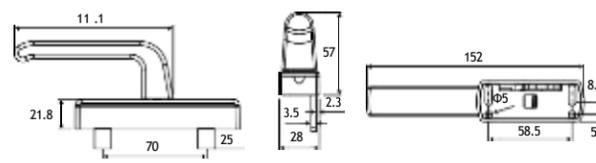
**MP 832-SF Single Fork**

Multipoint Euro Handle Without Screw Cover



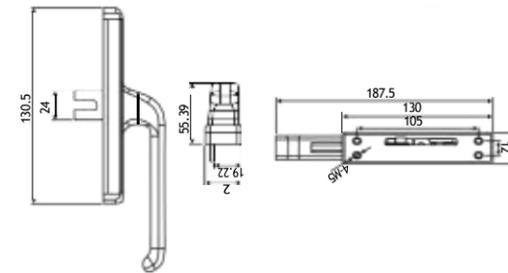
**MP 832-DF Double Fork**

Multipoint Euro Handle Without Screw Cover



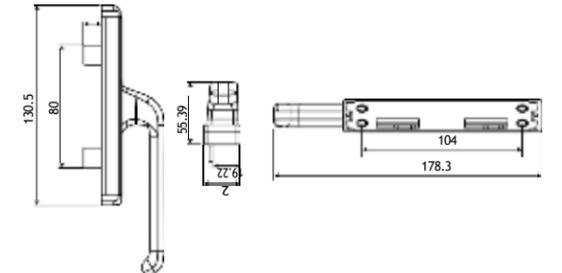
**MP841-SF W/O Push Button**

Single Fork Multipoint Euro Handle



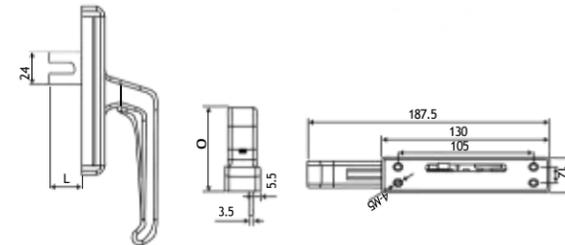
**MP841-DF W/O Push Button**

Double Fork Multipoint Euro Handle



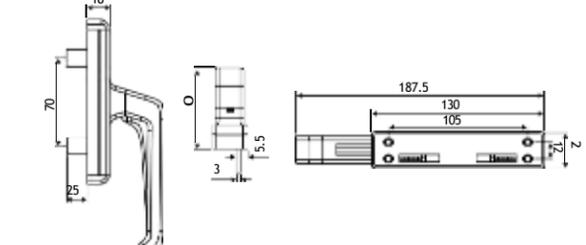
**MP 842-SF C/ W Push Button**

Single Fork Multipoint Euro Handle



**MP842-DF C/W Push Button**

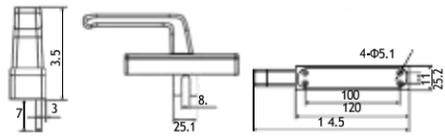
Double Fork Multipoint Euro Handle



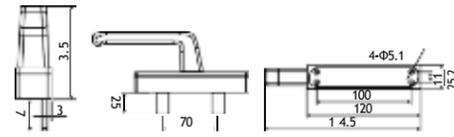
MODEL NO	FUNCTION	BRAND	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP 831-SF	Single Fork	PRIMA	Aluminium	White/Black	50pcs/ctn	
MP 831-DF	Double Fork	PRIMA	Aluminium	White/Black	50pcs/ctn	
MP 832-SF	Single Fork	PRIMA	Aluminium	White/Black	50pcs/ctn	
MP 832-DF	Double Fork	PRIMA	Aluminium	White/Black	50pcs/ctn	

MODEL NO	FUNCTION	BRAND	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP 841-SF	Single Fork	PRIMA	Zinc	White/Black	40pcs/ctn	
MP 841-DF	Double Fork	PRIMA	Zinc	White/Black	40pcs/ctn	
MP 842-SF	Single Fork	PRIMA	Zinc	White/Black	40pcs/ctn	
MP 842-DF	Double Fork	PRIMA	Zinc	White/Black	40pcs/ctn	

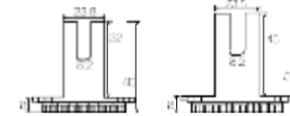
MP851-SF Single Fork



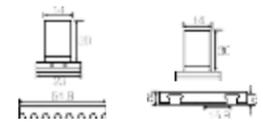
MP851-DF Double Fork



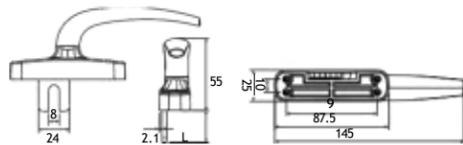
MP802-SF



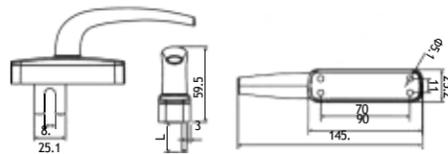
MP801-DF



MP819-SF Single Fork



MP829-SF Single Fork



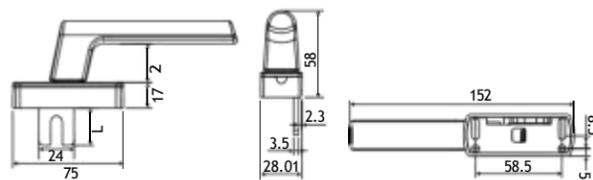
CV-819 Screw Cover



CV-816 Screw Cover



MP833-SF Single Fork



CVP Multipoint Handle Cover



STP Stopper For Multipoint Handle

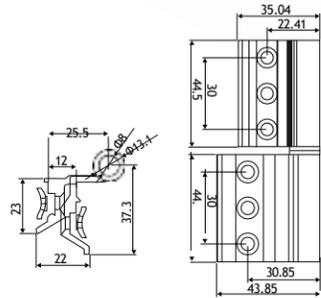


MODEL NO	FUNCTION	BRAND	MATERIAL	FINISHING	PACKING
MP 851-SF	Single Fork	PMA	Zinc	White/Black	50pcs/ctn
MP 851-DF	Double Fork	PMA	Zinc	White/Black	50pcs/ctn
MP 819-SF	Single Fork	PRIMA	Zinc/Aluminium	White/Black	50pcs/ctn
MP 829-SF	Single Fork	PRIMA	Aluminium	White/Black	50pcs/ctn
MP 833-SF	Single Fork	PRIMA	Zinc/Aluminium	White/Black	50pcs/ctn

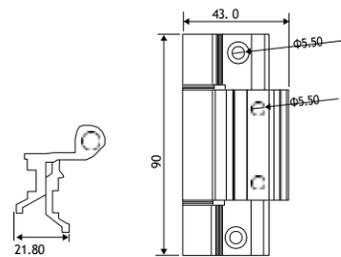
MODEL NO	FUNCTION	BRAND	MATERIAL	FINISHING	PACKING
MP 801-DF	Single Fork	PMA	Zinc	MF	50pcs/box
MP 802-DF	Double Fork	PMA	Zinc	MF	50pcs/box
CV-819-SC	Single Fork	PRIMA	Plastic	White/Black	50pcs/box
CV-816-SC	Single Fork	PRIMA	Plastic	White/Black	50pcs/box
CVP-PLATE	Single Fork	PRIMA	Plastic	Black	50pcs/box



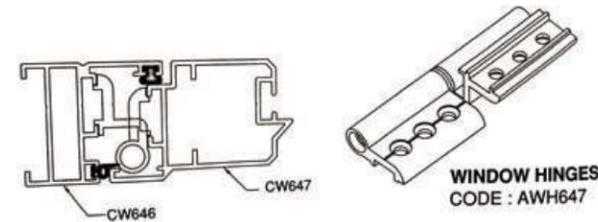
MP805 Euro hinge (exposed)



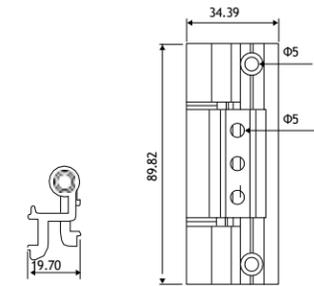
MP006-H heavy duty Euro hinge(exposed)



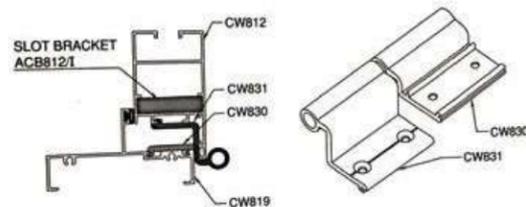
MP916 Euro hinge (concealed)



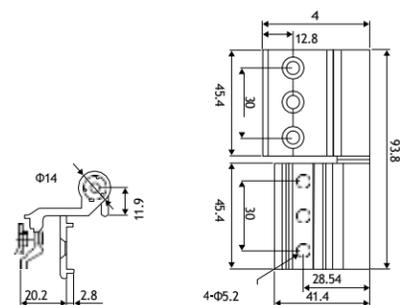
MP002-H Heavy duty Euro hinge(conceal)



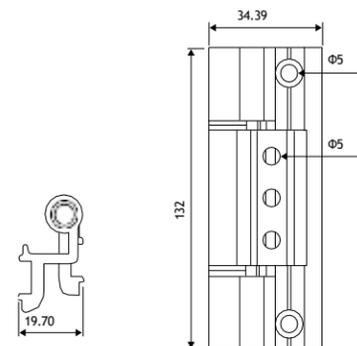
MP812 Multipoint Hinge For pmb(exposed)



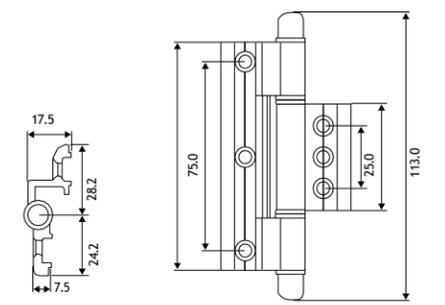
MP891 Multipoint Hinge For pmb (exposed)



MPH005FL



MPH005G Haevy Hinge For pmb(CONCEAL)

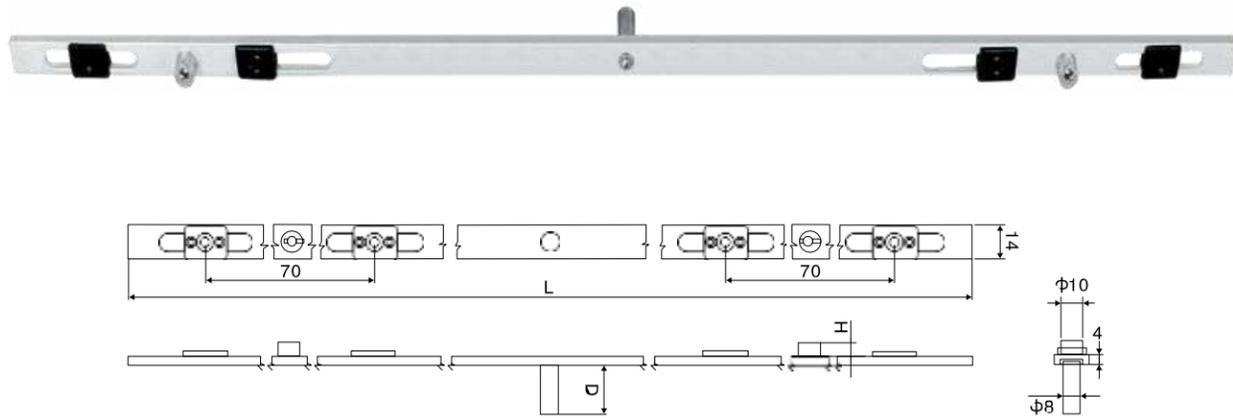


MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MPH-805	Exposed	Aluminium	White/Black	360pcs/box	
MPH-006	Exposed	Aluminium	White/Black	360pcs/box	
MPH-812	Exposed	Aluminium	White/Black	200pcs/box	
MPH-891	Exposed	Aluminium	White/Black	200pcs/box	

MODEL NO	FUNCTION	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MPH-916	Conceal	Aluminium	White/Black	360pcs/box	
MPH-002-H	Conceal	Aluminium	White/Black	200pcs/box	
MPH-005-FL	Conceal	Aluminium	White/Black	150pcs/box	
MPH-005-G	Conceal	Aluminium	White/Black	200pcs/box	

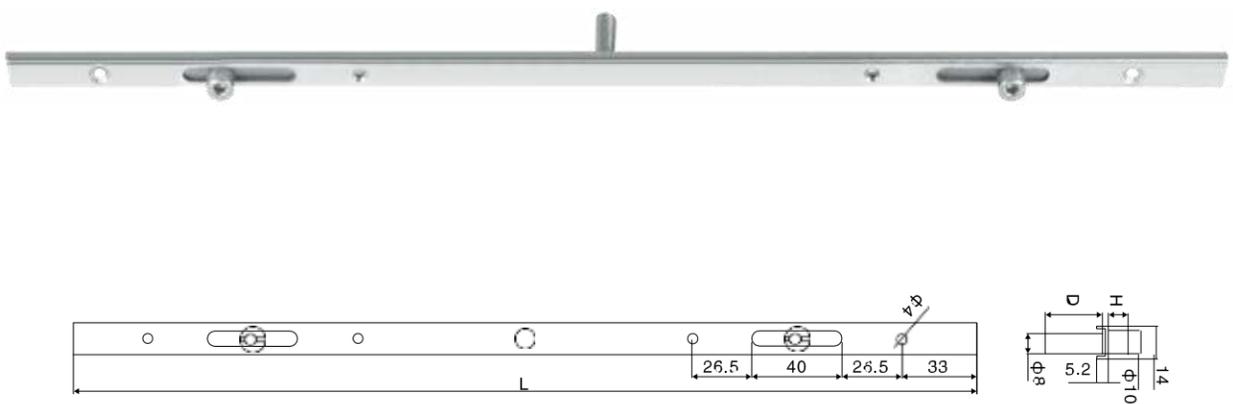


Aluminium Flat Bar



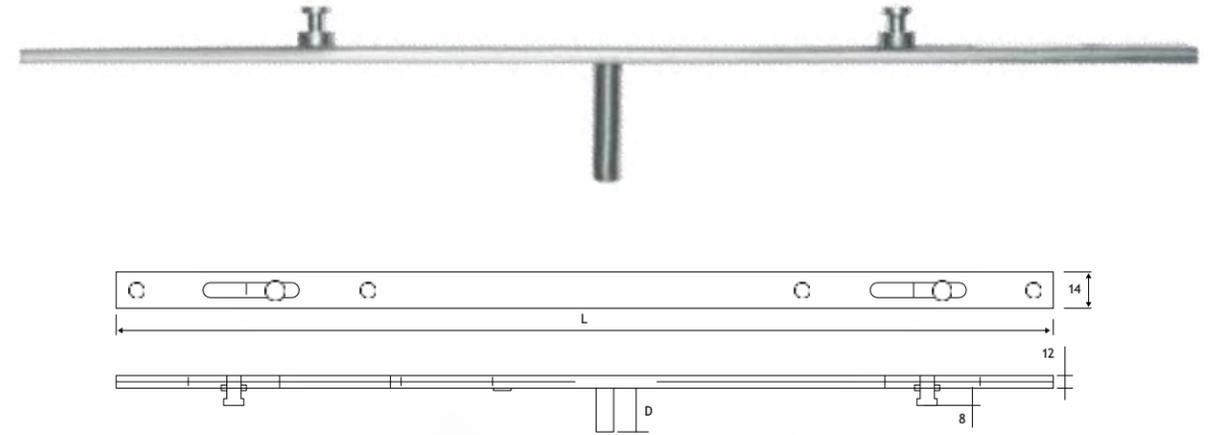
MODEL NO	SIZE	POINT	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP AB-300	300MM	2	Aluminium	MF	100pcs/ctn	
MP AB-600	600MM	2	Aluminium	MF	100pcs/ctn	
MP AB-900	900MM	2	Aluminium	MF	50pcs/ctn	
MP AB-1000	1000MM	2	Aluminium	MF	50pcs/ctn	
MP AB-1200	1200MM	2	Aluminium	MF	50pcs/ctn	
MP AB-1400	1400MM	3	Aluminium	MF	50pcs/ctn	
MP AB-1500	1500MM	3	Aluminium	MF	50pcs/ctn	

Stainless Steel Flat Bar



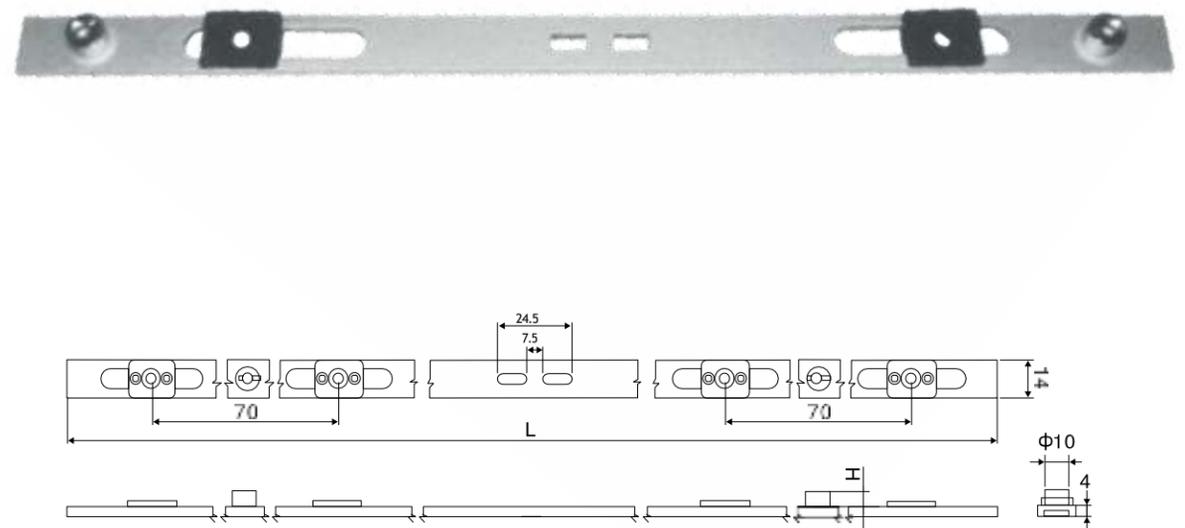
MODEL NO	SIZE	POINT	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP ABSS-300	300MM	2	SUS 304	SS	100pcs/ctn	
MP ABSS-600	600MM	2	SUS 304	SS	100pcs/ctn	
MP ABSS-1000	1000MM	2	SUS 304	SS	50pcs/ctn	
MP ABSS-1200	1200MM	2	SUS 304	SS	50pcs/ctn	
MP ABSS-1500	1500MM	3	SUS 304	SS	50pcs/ctn	

T-Head Stainless Steel Flat Bar



MODEL NO	SIZE	POINT	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LM6-B-300	300MM	2	SUS 304	SS	100pcs/ctn	
LM6-B-600	600MM	2	SUS 304	SS	50pcs/ctn	
LM6-B-900	900MM	2	SUS 304	SS	50pcs/ctn	
LM6-B-1200	1200MM	2	SUS 304	SS	50pcs/ctn	
LM6-B-1200-3	1200MM	2	SUS 304	SS	50pcs/ctn	

Curtain Wall Aluminium Flat Bar



MODEL NO	SIZE	POINT	MATERIAL	FINISHING	PACKING	(RM)/UNIT
CW-B-300	300MM	2	Aluminium	MF	100pcs/ctn	
CW-B-600	600MM	2	Aluminium	MF	50pcs/ctn	
CW-B-800	800MM	2	Aluminium	MF	50pcs/ctn	





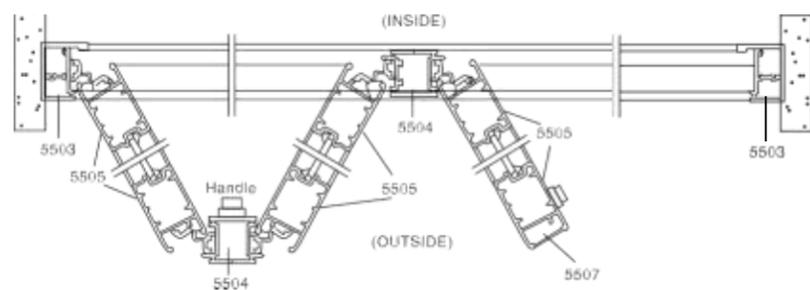


# TYPICAL HARDWARE ARRANGEMENT

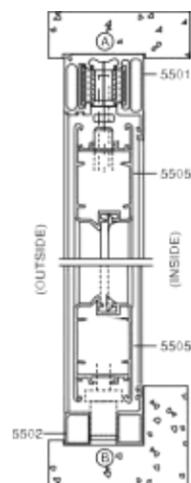
The accessories listed herein are standard parts for the FD 55 series hang & fold door.  
For technical support and assistance in the selection of these accessories for your particular need, please contact our sales personnel.



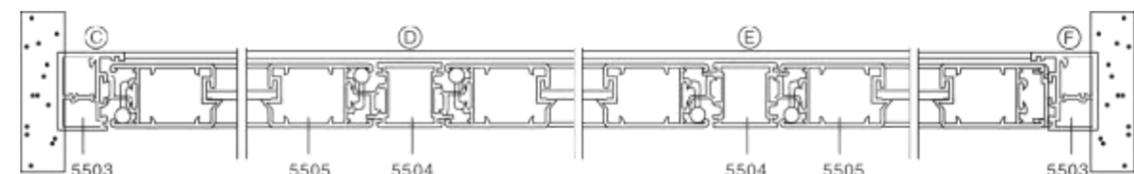
## Horizontal Sectional Detail (with door closed)



## Vertical Sectional Views



## Recommendation for door size & weight



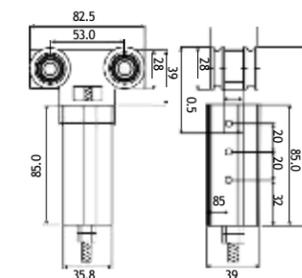
## MFH84B(8HD)

Heavy Top Roller set with 8 brass Wheels



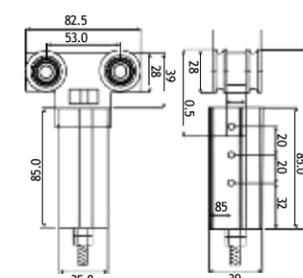
## MFH84(HD)

Top Roller set with 4 Brass Wheels



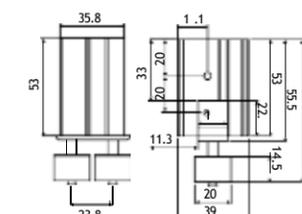
## MFH84(LD)

Top Roller set with 4 Nylon Wheels



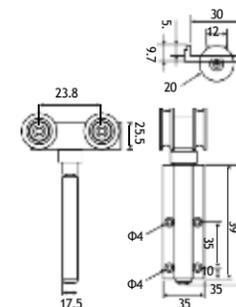
## MFH85BG

Bottom Guide set with Bearing Roller



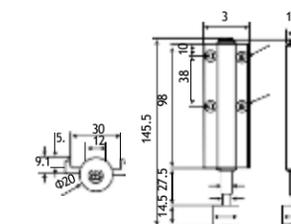
## MFH84LD-SIDE

Side Top Roller set with 4 Nylon Wheels



## MFH85BG-SIDE

Side Bottom Guide set with Single Bearing Roller



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MFH84B(8HD)	Zinc/Brass Roller	MF	50pcs/ctn	
MFH84HD	Zinc/Brass Roller	MF	50pcs/ctn	
MFH84LD	Zinc/Nylon Roller	MF	50pcs/ctn	
MFH85BG	Zinc	MF	50pcs/ctn	
MFH84LD-S	Zinc	MF	50pcs/ctn	
MFH85BG-S	Zinc	MF	50pcs/ctn	



T008

T29

M028

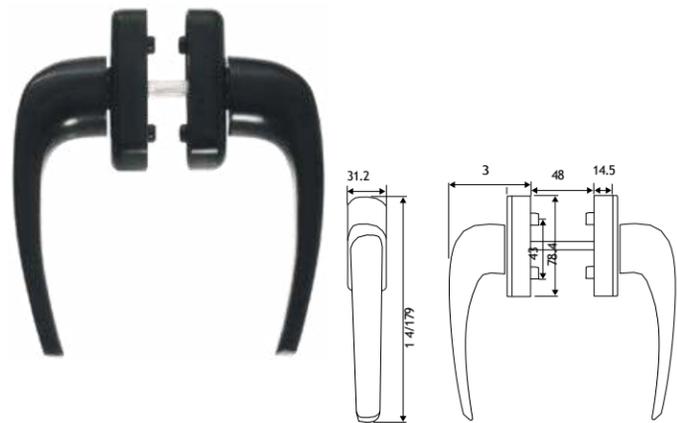
Cylinder Cover Cylinder

M2828 Folding Lockset



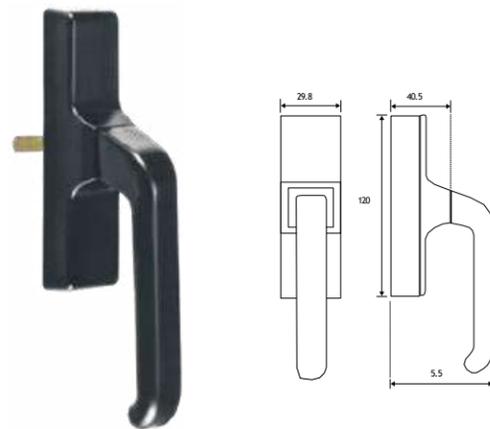
**LH-14**

Level Handle Without Key



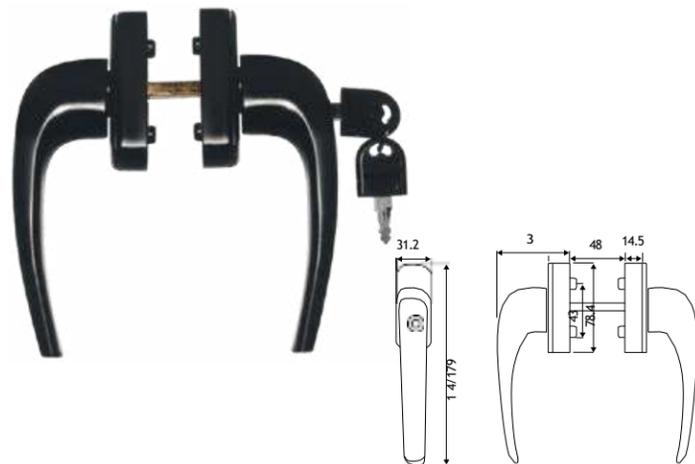
**MDH-70**

Level Handle With Latch



**LH-15**

Level Handle With Key



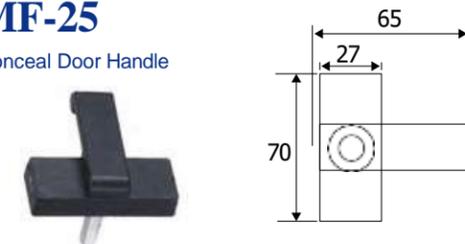
**MF-24**

Conceal Door Handle

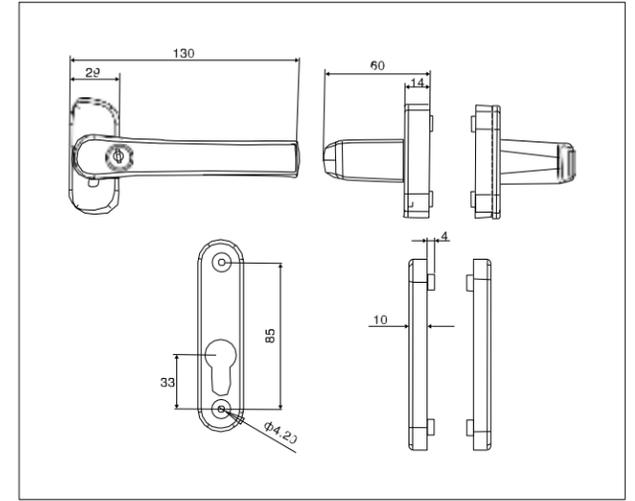
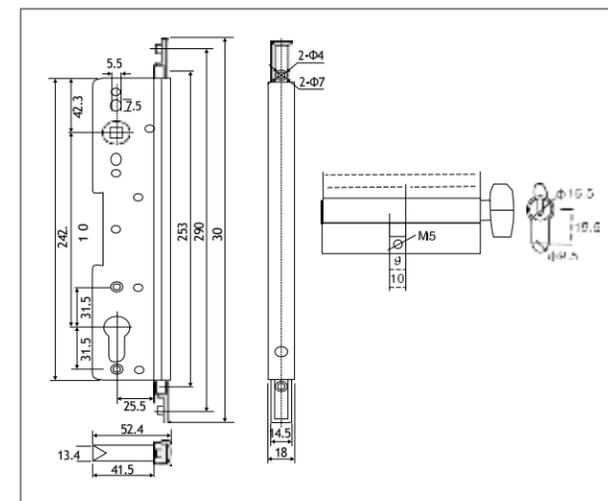


**MF-25**

Conceal Door Handle



Multi Folding Lockset c/w handle (w/o) key & Cylinder  
Finish : White / Black Material : Zinc Alloy



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
LH-14	Zinc	White/Black	20set/ctn	
LH-15	Zinc	White/Black	20set/ctn	
MDH-70	Zinc	White/Black	20set/ctn	
MF-24	Zinc	White/Black	50PCS/CTN	
MF-25	Zinc	White/Black	50PCS/CTN	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
M2828-CS	Zinc	White/Black	20set/ctn	
M028-Mortise	Zinc	White/Black	20set/ctn	



The FD88 Multi Folding Door system is designed as a flexible door access with superior performance, functionality and aesthetics.

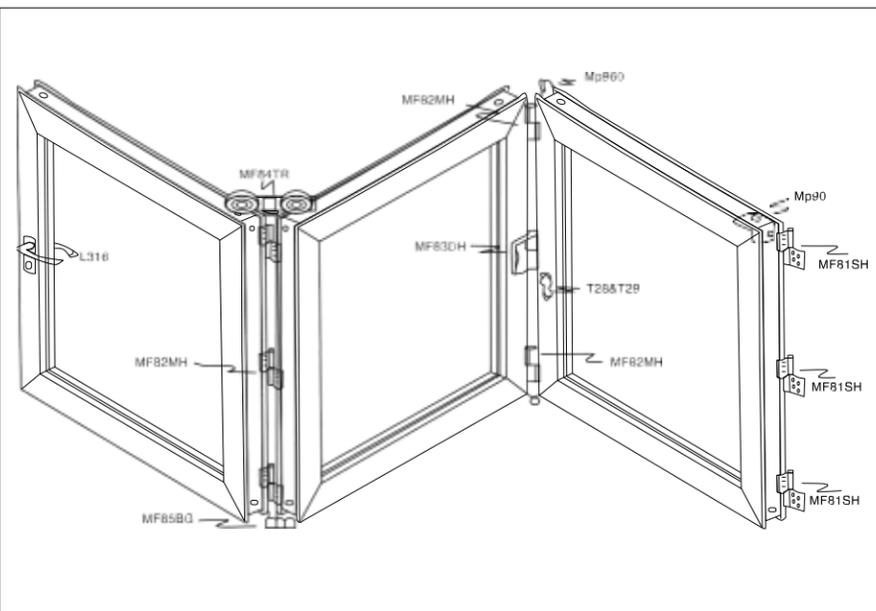
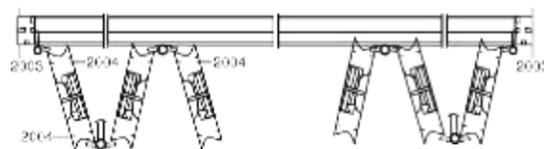
Architectural grade alloy 6063-T5 aluminium extrusions are used to fabricate the aluminium frames thus being able to incorporate various finishing options such as wood grain finishes.

The roller assemblies are fabricated from either plated brass or special nylon with bearings. These assemblies fit to a stainless steel carriage system with a strong and durable design. A uniquely-designed lock pin is mounted to the top roller shaft prevents the carriage from becoming loose.

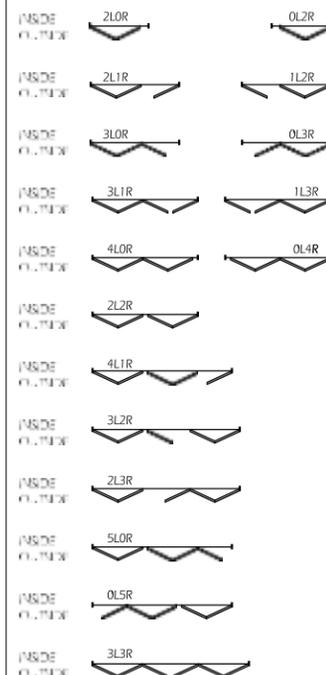
Please contact our sales personnel should you require any assistance in selecting and purchasing the accessories that meet your specific needs.



**HORIZONTAL SECTIONAL DETAIL (WITH DOOR OPENED)**



**HANG & FOLD DOOR CONFIGURATIONS**



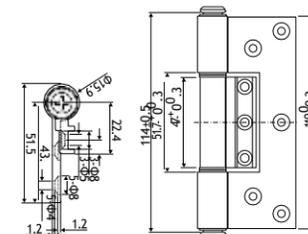
NOTE :  
Other door configurations and options are available on request

OPPR HEIGHT	WIDTH	WEIGHT/KG
7' 0" (2100MM)	3' 0" (990MM)	<80KG
8' 0" (2400MM)	3' 0" (910MM)	<85KG
9' 0" (2700MM)	2' 3" (680MM)	<90KG

NOTE The specifications above should be taken as a guide design only For the best solutions and door sizes configuration, kindly consult our sales personnel

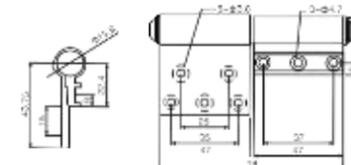
**MFH81-D**

Heavy Duty Side Hinge



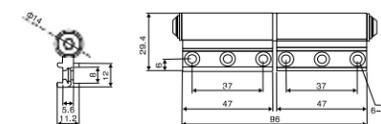
**MFH81-(R / L)**

Side Hinge(R / L)



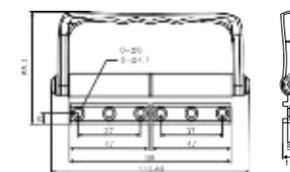
**MFH82**

Mid Hinge



**MFH83**

D-Hinge

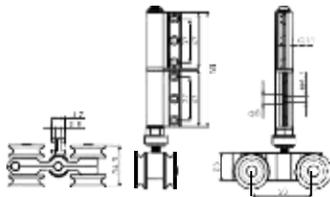


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MFH81-D	Zinc	White/Black	100pcs/box	
MFH81-R/L	Zinc	White/Black	100pcs/box	
MFH82-R/L	Zinc	White/Black	100pcs/box	
MFH83-DH	Zinc	White/Black	50pcs/box	



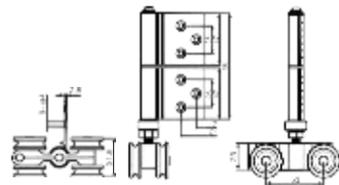
**MFH84-S**

Top Roller



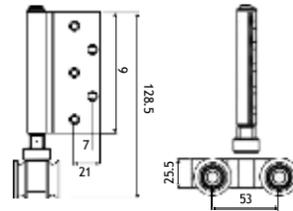
**MFH84-B**

Top Roller(Exposed)



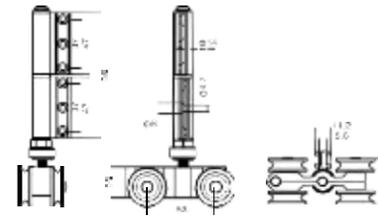
**MFH84-FB Flat**

Top Roller(Exposed)



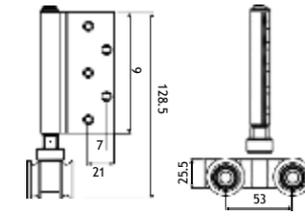
**MFH74-S-BRASS**

Top Roller (Brass) - 4 Roller



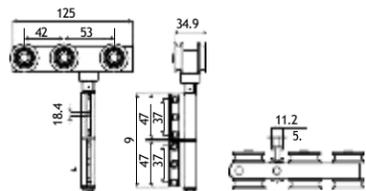
**MFH74-FB-BRASS**

Top Roller (Brass) - 4 Roller



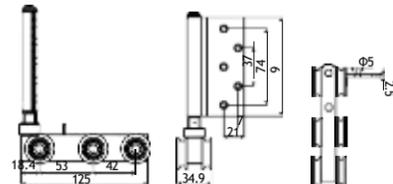
**MFH84-S-6-NY**

Top Roller (Nylon) - 6 Roller



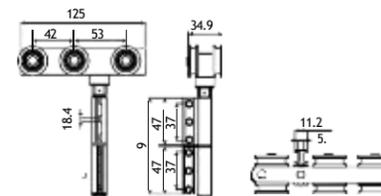
**MFH84-FB-6-NY**

Top Roller (Nylon) - 6 Roller



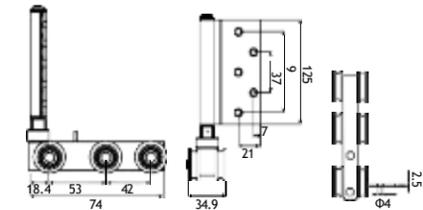
**MFH74-S-6-BRASS**

Top Roller (Brass) - 6 Roller



**MFH74-FB-6-BRASS**

Top Roller (Brass) - 6 Roller

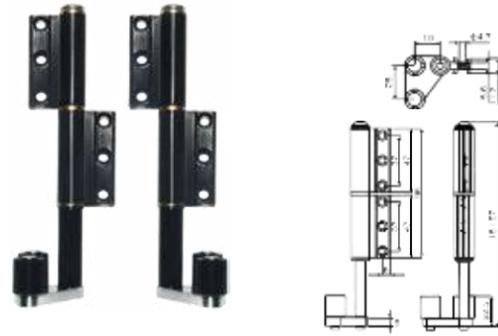


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MFH84-S	Zinc	White/Black	50pcs/box	
MFH84-B	Zinc	White/Black	50pcs/box	
MFH84-FB	Zinc	White/Black	50pcs/box	
MFH84-S-6-NY	Zinc	White/Black	50pcs/box	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MFH74-S-BRASS	Zinc/Brass	White/Black	50pcs/box	
MFH74-FB-BRASS	Zinc/Brass	White/Black	50pcs/box	
MFH74-S-6-BRASS	Zinc/Brass	White/Black	50pcs/box	
MFH74-FB-6-BRASS	Zinc/Brass	White/Black	50pcs/box	

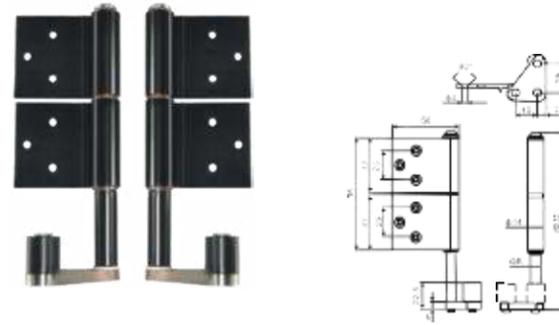
**MFH85-S-R / L**

Bottom Guide(R/L)



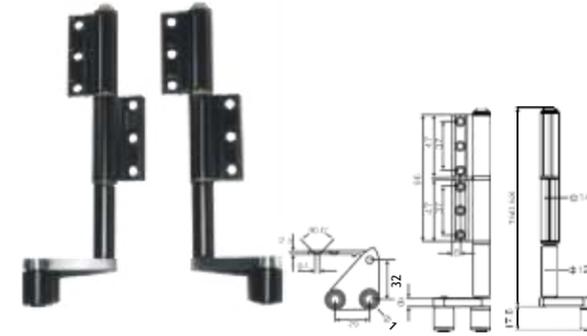
**MFH85-B(R / L)**

Bottom Guide(R / L)



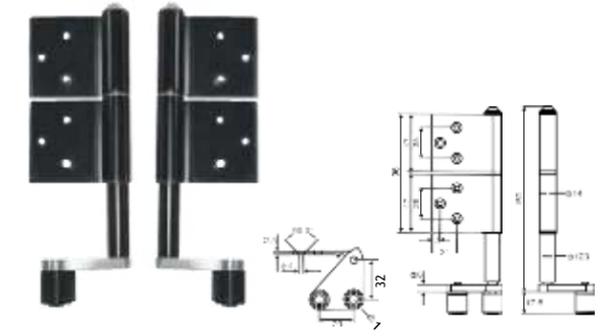
**MFH87-S(R / L)**

Bottom Guide(R / L)



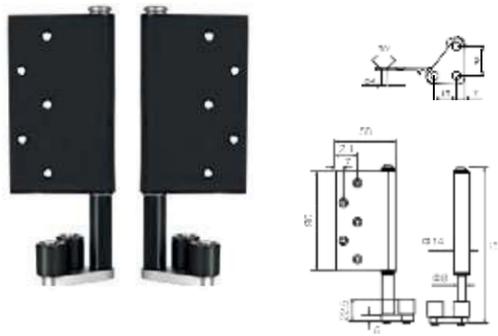
**MFH87-B(R / L)**

Bottom Guide(R / L)



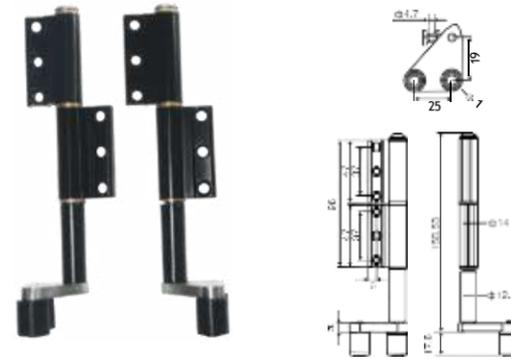
**MFH75-FB(R / L)**

Bottom Guide(R / L)



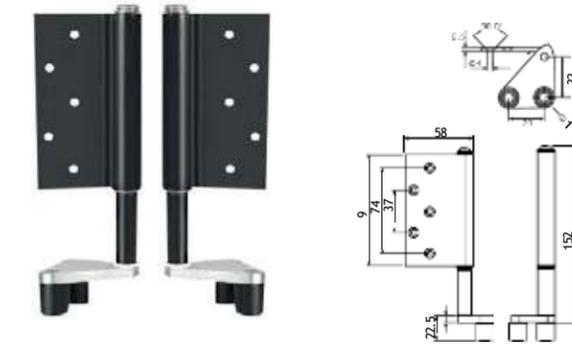
**MFH86-S(R / L)**

Bottom Guide(R / L)



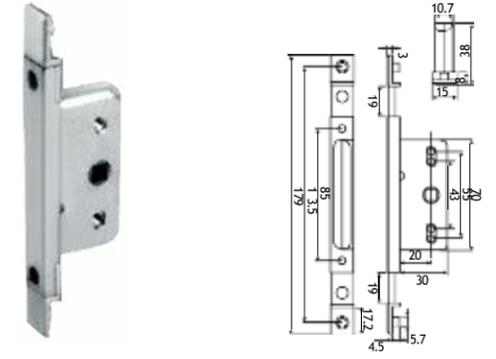
**MFH77-FB(R / L)**

Bottom Guide(R / L)



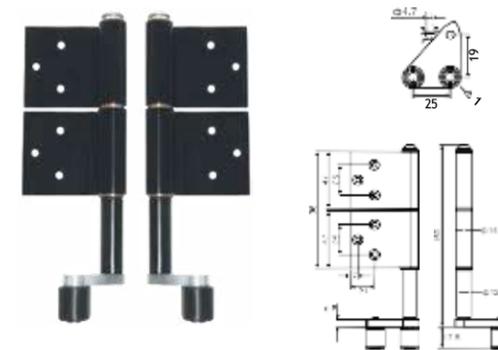
**T29**

Lock Case



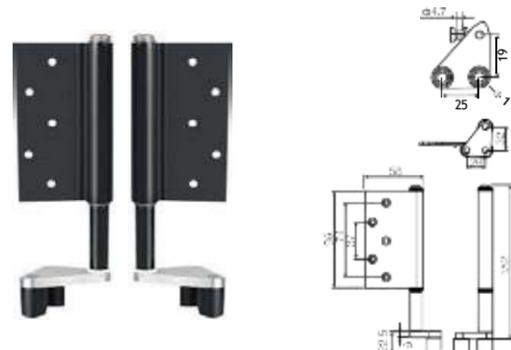
**MFH86-B(R / L)**

Bottom Guide(R / L)



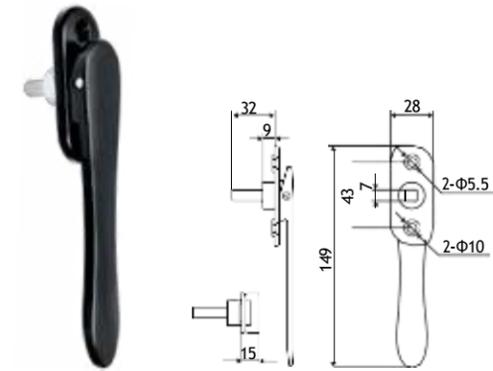
**MFH76-FB(R / L)**

Bottom Guide(R / L)



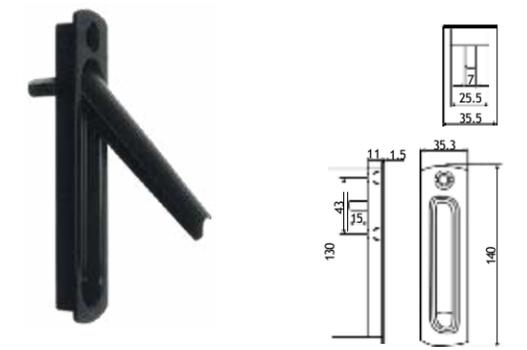
**T-28**

Folding Door Handle(Round)



**T-31**

Folding Door Handle Conceal



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MFH85-S-R/L	Zinc	White/Black	50pcs/ctn	
MFH85-B-R/L	Zinc	White/Black	50pcs/ctn	
MFH75-FB-R/L	Zinc	White/Black	50pcs/ctn	
MFH86-S-R/L	Zinc	White/Black	50pcs/ctn	
MFH86-B-R/L	Zinc	White/Black	500pcs/ctn	
MFH76-FB-R/L	Zinc	White/Black	50pcs/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MFH87-S-R/L	Zinc	White/Black	50pcs/ctn	
MFH87-B-R/L	Zinc	White/Black	50pcs/ctn	
MFH77-FB-R/L	Zinc	White/Black	50pcs/ctn	
MF-T29	Zinc	MF	200pcs/ctn	
MF-T28	Zinc	White/Black	200pcs/ctn	
MF-T31	Zinc	White/Black	100pcs/ctn	

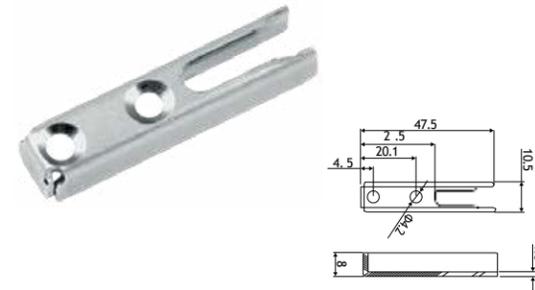




# SLIDING DOOR ACCESSORIES SERIES

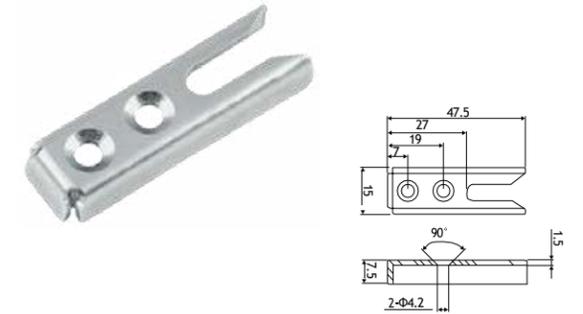
## MP-122A Sliding Door Striker

Height : 8mm



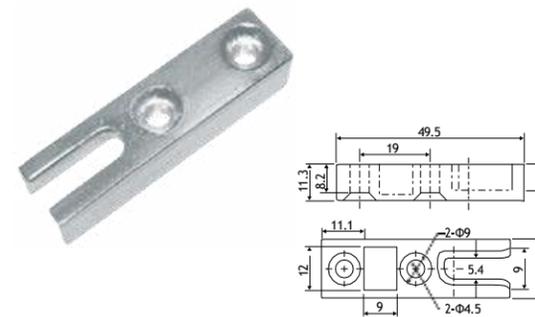
## MP-122B Sliding Door Striker

Height : 7.5mm



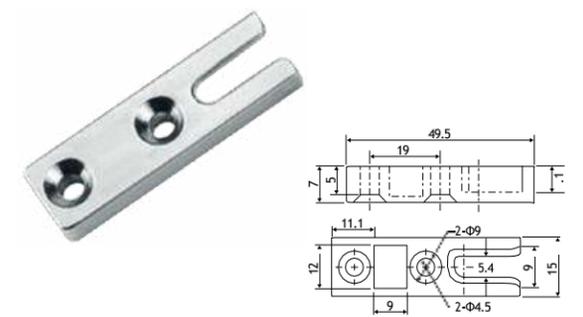
## MP-122C Sliding Door Striker

Height : 11.3mm



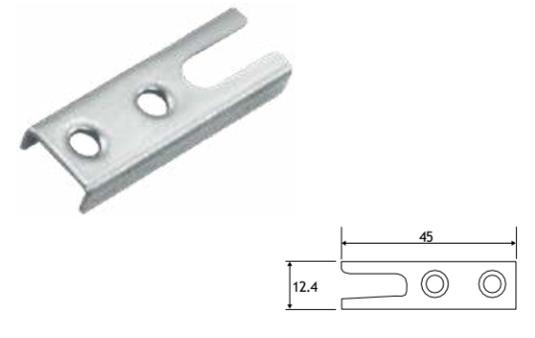
## MP-122D Sliding Door Striker

Height : 7mm



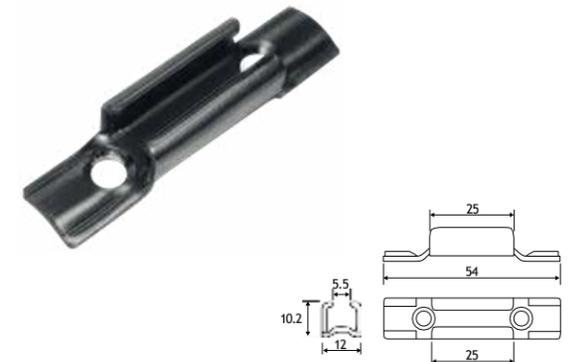
## MP-122E Sliding Door Striker

Height : 5mm



## MP-132 Sliding Door Keeper

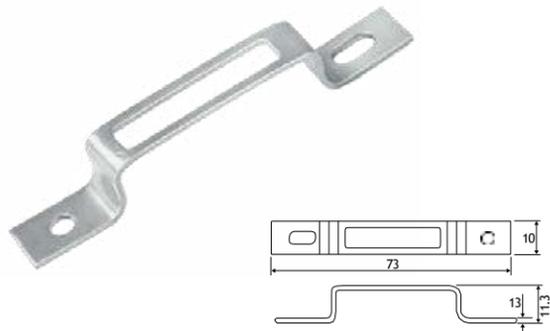
Height : 16x45mm



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP-122A	S/S	SS	100pcs/ctn	
MP-122B	S/S	SS	100pcs/ctn	
MP-122C	S/S	SS	100pcs/ctn	
MP-122D	S/S	SS	100pcs/ctn	
MP-122E	S/S	SS	100pcs/ctn	
MP-132	S/S	SS	100pcs/ctn	

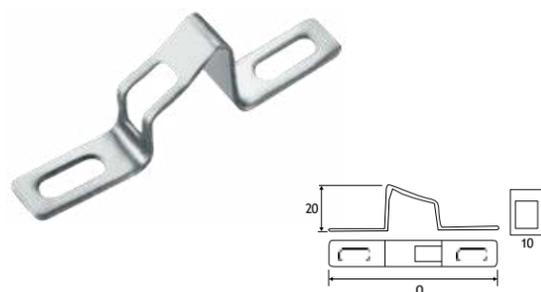
**MP-132 Sliding Door Keeper**

Material : Stainless Steel 202



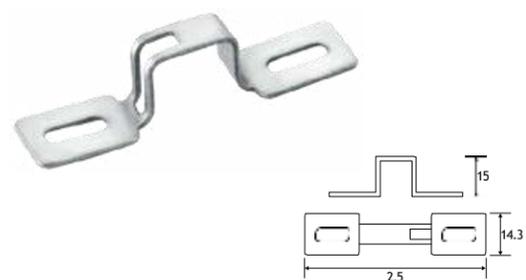
**MP-133 Sliding Door Keeper**

Height : 10mm



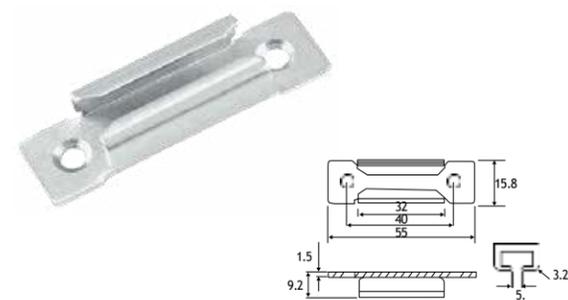
**MP-134 Sliding Door Keeper**

Material : Stainless Steel SUS 304



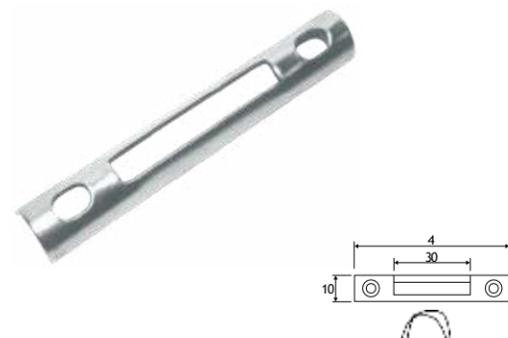
**MP-138 Sliding Door Striker**

Height : 7.5mm



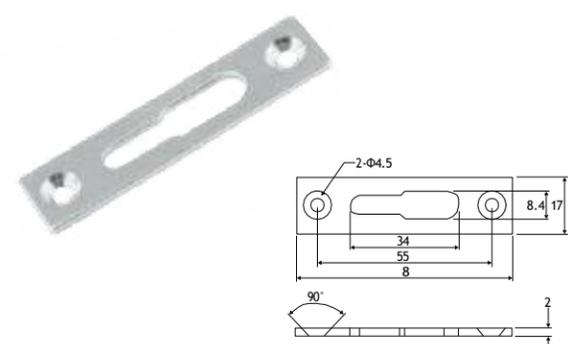
**MP-123 Sliding Door Keeper**

Material : Stainless Steel 202



**MP-126 Sliding Door Keeper**

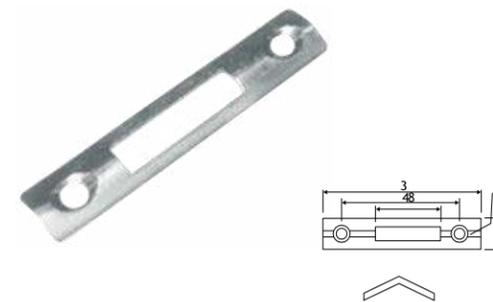
Material : Stainless Steel 202



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP-132	S/S	SS	200pcs/ctn	
MP-133	S/S	SS	200pcs/ctn	
MP-134	S/S	SS	200pcs/ctn	
MP-138	S/S	SS	200pcs/ctn	
MP-123	S/S	SS	200pcs/ctn	
MP-126	S/S	SS	200pcs/ctn	

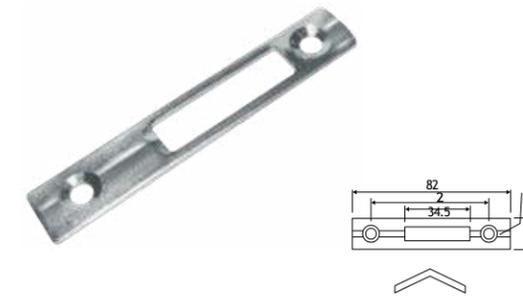
**MP-128A Sliding Door Keeper**

Size : 11.5mm(W)x62mm(L)x2mm(T)



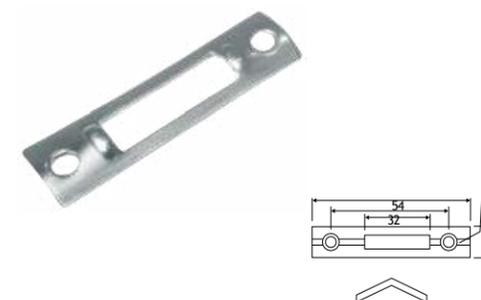
**MP-128B Sliding Door Keeper**

Size : 14mm(W)x66mm(L)x2mm(T)



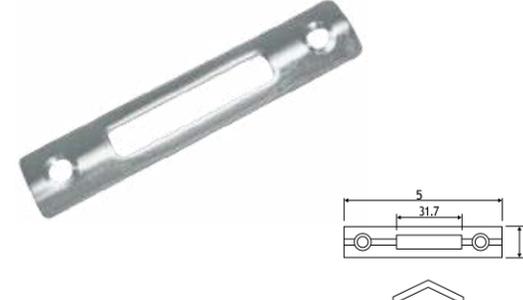
**MP-128C Sliding Door Keeper**

Size : 16mm(W)x66mm(L)x2mm(T)



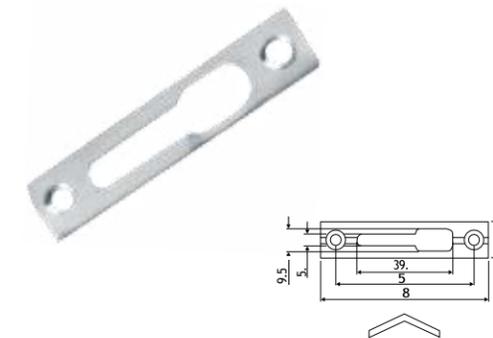
**MP-128D Sliding Door Keeper**

Size : 16mm(W)x66mm(L)x2mm(T)



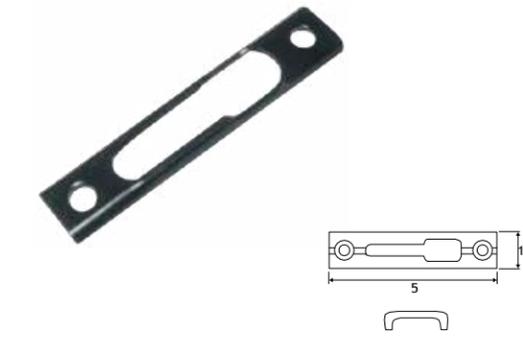
**MP-131 Sliding Door Keeper**

Size : 15mm



**MP-142 Sliding Door Keeper**

Size : 12.5mm

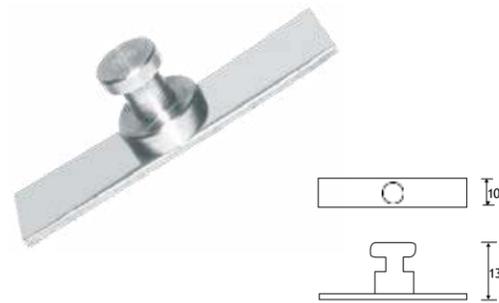


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP-128A	S/S	SS	200pcs/ctn	
MP-128B	S/S	SS	200pcs/ctn	
MP-128C	S/S	SS	200pcs/ctn	
MP-128D	S/S	SS	200pcs/ctn	
MP-131	S/S	SS	200pcs/ctn	
MP-142	S/S	SS	200pcs/ctn	



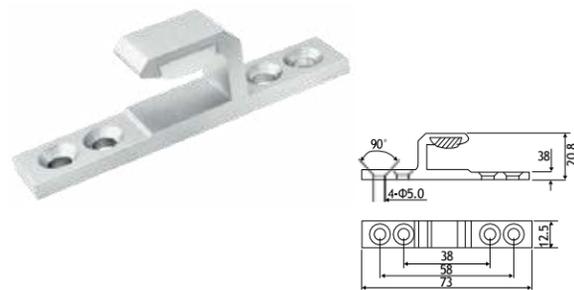
**MP-127 Lock Cam**

Height : 13mm / 16mm



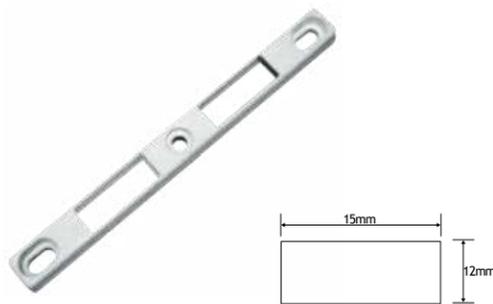
**MP-970 Casement Window Hook**

Finish : NA / White / Black



**MP-130 Sliding Door Keeper For Shb Lock**

Size : 15mm(W)x12mm(H)x163mm(L)  
Finish : White/Black



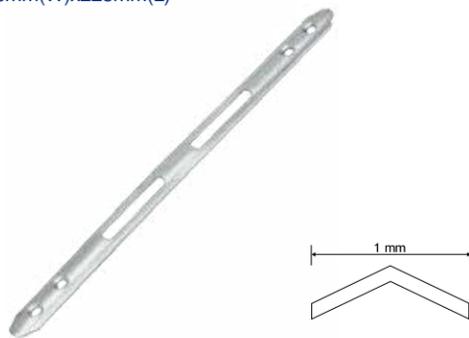
**MP-16F Sliding Door Keeper For Shb Lock**

Size : 16mm(W)x228mm(L)



**MP-16V Sliding Door Keeper For Shb Lock**

Size : 16mm(W)x228mm(L)



**MP-18 Sliding Door Keeper For Shb Lock**

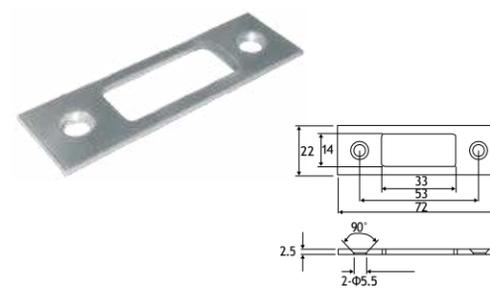
Size : 18mm(W)x228mm(L)



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
MP-127	S/S	SS	1000pcs/ctn	
MP970	Aluminium	NA/White/Black	500pcs/ctn	
MP-130	S/S	White/Black	200pcs/ctn	
MP-16F	S/S	SS	200pcs/ctn	
MP-16V	S/S	SS	200pcs/ctn	
MP-18	S/S	SS	200pcs/ctn	

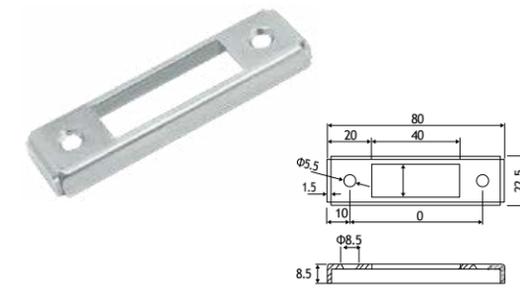
**PD-1 Door Keeper**

Material : Stainless Steel



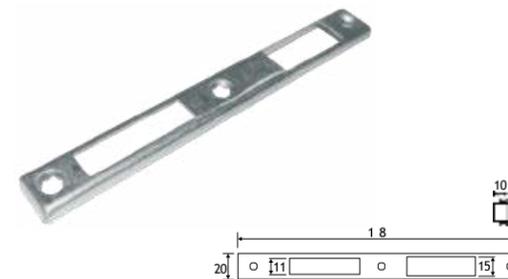
**PD-2 Door Keeper**

Material : Stainless Steel



**PD-3 Door Keeper**

Material : Stainless Steel 202



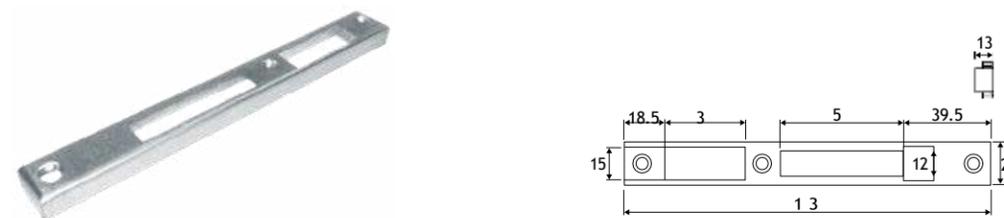
**PD-4 Door Keeper**

Material : Stainless Steel



**PD-5 Door Keeper**

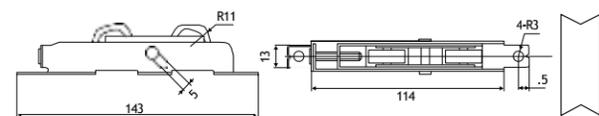
Material : Stainless Steel



MODEL NO	MATERIAL	PACKING	(RM)/UNIT
PD-1	S/S	200pcs/ctn	
PD-2	Aluminium	200pcs/ctn	
PD-3	S/S	200pcs/ctn	
PD-4	S/S	200pcs/ctn	
PD-5	S/S	200pcs/ctn	

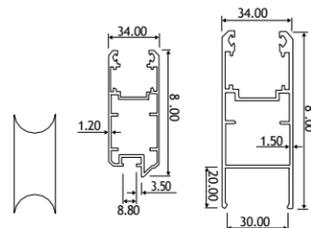
### RMR-019-Y-V Performance Sliding Door Roller

Max.Weight : 70 Kgs



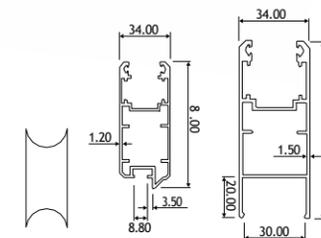
### RMR-019-Y-R Performance Sliding Door Roller

Max.Weight : 70 Kgs



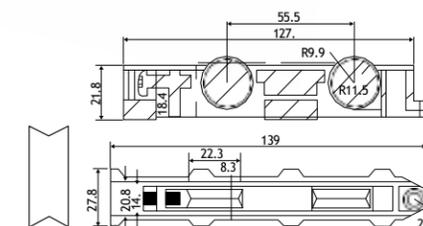
### RMR-11 Sliding Door Roller

Max.Weight : 70 Kgs



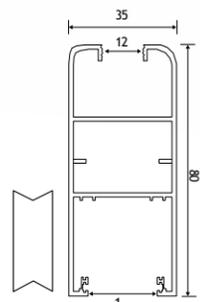
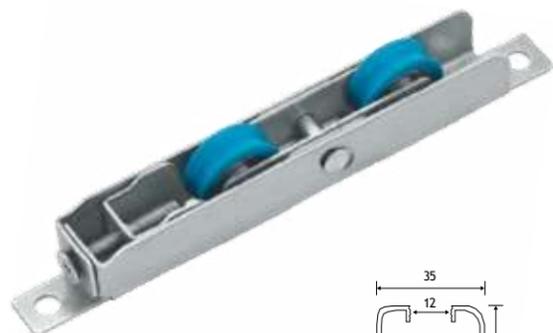
### RMR-12 Sliding Door Roller

Max.Weight : 70 Kgs



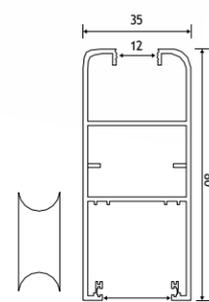
### RMR-019-B-V Performance Sliding Door Roller

Max.Weight : 150 Kgs



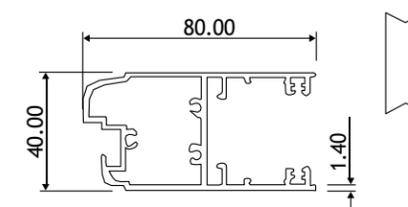
### RMR-019-B-R Performance Sliding Door Roller

Max.Weight : 150 Kgs



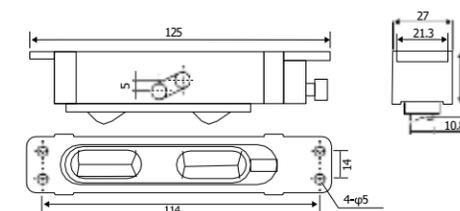
### RMR-14V Sliding Door Roller

Max.Weight : 70 Kgs



### RMR-14R Sliding Door Roller

Max.Weight : 70 Kgs

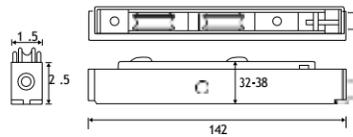


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
RMR-019-Y-V	S/S	SS	150pcs/ctn	
RMR-019-Y-R	S/S	SS	150pcs/ctn	
RMR-019-B-V	S/S	SS	150pcs/ctn	
RMR-019-B-R	S/S	SS	150pcs/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
RMR-11	S/S	SS	150pcs/ctn	
RMR-12	S/S	Black	200pcs/ctn	
RMR-14-R	S/S	SS	150pcs/ctn	
RMR-14-V	S/S	SS	150pcs/ctn	

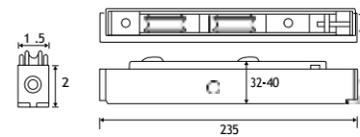
**RMR-15A Sliding Door Roller**

Max.Weight : 70 Kgs



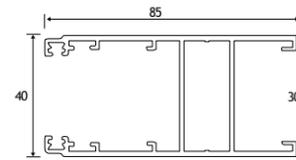
**RMR-16 Sliding Door Roller**

Max.Weight : 150 Kgs



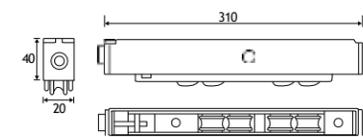
**RL-015 HD Performance Sliding Door Roller**

Max.Weight : 150Kgs



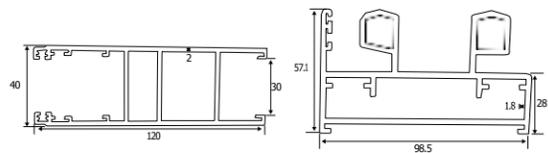
**RL-030 Performance Sliding Door Roller**

Max.Weight : 150Kgs



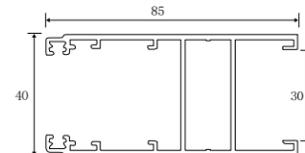
**Prima SD 7057 Fapim Sliding Door Roller**

Max.Weight : 70Kgs



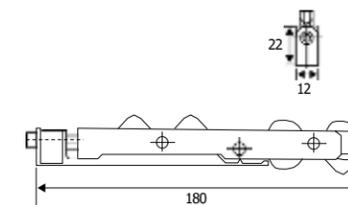
**RL-015 Performance Sliding Door Roller**

Max.Weight : 120Kgs



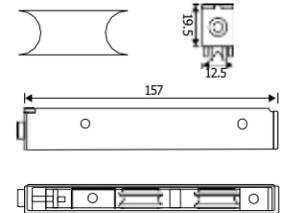
**RL-021 Performance Sliding Door Roller**

Max.Weight : 70Kgs



**RL-026 Performance Sliding Door Roller**

Max.Weight : 45Kgs



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
RMR-15A	S/S	SS	150pcs/ctn	
RMR-16	S/S	Black	200pcs/ctn	
SD 7057	PVC	SS	150pcs/ctn	
RL-015	S/S	SS	150pcs/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
RL-015 HD	S/S	SS	150pcs/ctn	
RL-030	S/S	SS	50pcs/ctn	
RL-021	S/S	SS	150pcs/ctn	
RMR-026	S/S	SS	150pcs/ctn	





### R007

Window Roller  
Max Weight:30 kgs for 2 roller



### R012

Door Roller  
Max Weight:30 kgs for 2 roller



### MATEX D-014

Sliding Window Roller  
Max Weight:12 kgs for 2 roller



### MATEX FA38MM

Sliding Door Roller  
Max Weight:80 kgs for 2 roller



### Star R002

Window Roller(Nylon/Steel)  
Max Weight:12 kgs for 2 roller



### Star R001 (STD)

Door Roller (Nylon/Steel)  
Max Weight:18-38 kgs for 2 roller



### MATEX 400

Sliding Door Roller-STD  
Max Weight:50 kgs for 2 roller



### MATEX 7000

Sliding Door Roller-ECO  
Max Weight:50 kgs for 2 roller



### Star R004 (ECO)

Door Roller (Nylon/Steel)  
Max Weight:18-38 kgs for 2 roller



### Star R001

Double Door Roller  
Max Weight:76kgs for 2 roller



### Star R-018B

Aluminium Door Wheel  
Max Weight:50 kgs for 2 roller



### Anti Jump Roller



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
R007(B)	Steel/Nylon	MF	200pcs/ctn	
R012(B)	Steel/Nylon	MF	200pcs/ctn	
R002(B)	Steel/Nylon	MF	500pcs/ctn	
R001(B)	Steel/Nylon	MF	150pcs/ctn	
R004(B)	Steel/Nylon	MF	150pcs/ctn	
R001D(B)	Steel/Nylon	MF	90pcs/ctn	

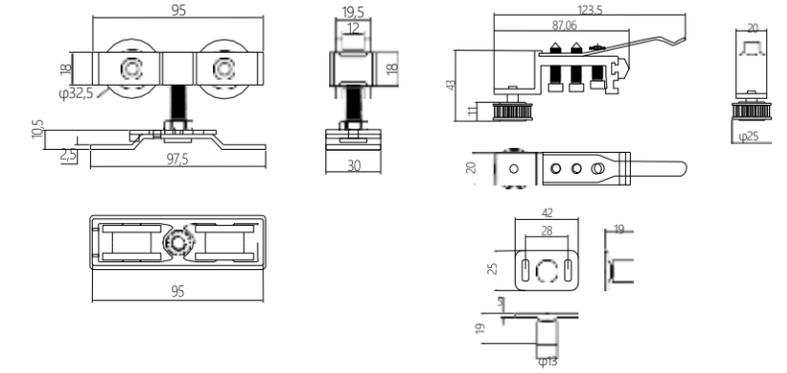
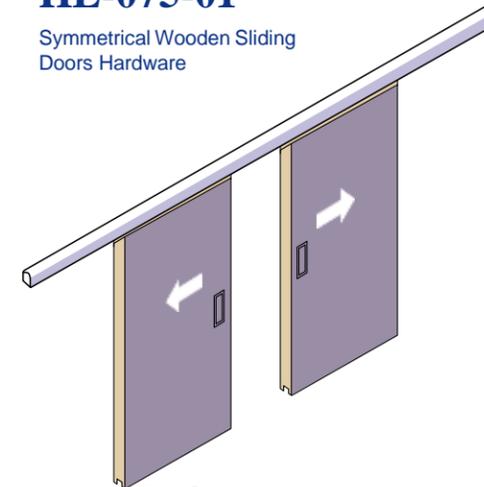
MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
R014(M)	Steel/Nylon	MF	100pcs/ctn	
R0700(M)	Steel/Nylon	MF	100pcs/ctn	
R0400(M)	Steel/Nylon	MF	100pcs/ctn	
RFA-38(M)	Steel/Nylon	MF	100pcs/ctn	
R*018(B)	Steel/Nylon	MF	20pcs/ctn	
R-AJ	Steel/Nylon	MF	100pcs/ctn	



# SLIDING DOOR SERIES

## HL-075-01

Symmetrical Wooden Sliding Doors Hardware



### FEATURES

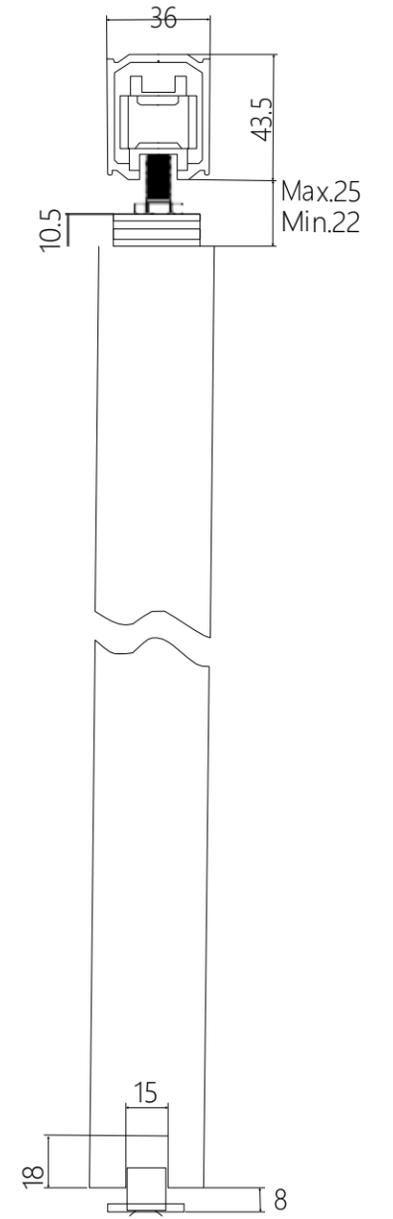
- For double leaf sliding doors, Synchronized inversion sliding system for double door
- Height adjustment of 3mm
- Max door weighr 80KG
- Door thickness 30-45mm
- Door width 500-1200mm
- with 2.0 Mtr Track @ RM 582.50
- with 4.0 Mtr Track @ RM 822.50

### MATERIALS AND FINISHES

- Sliding track: Aluminum, Anodized
- Hanging roller: Zinc alloy, SN
- Bracket: Iron, SN

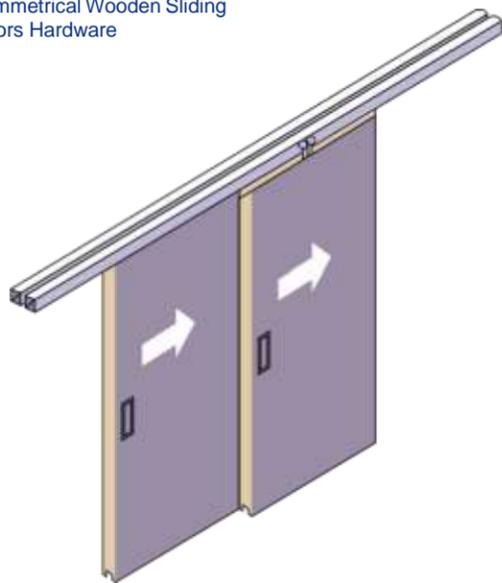
### STANDARD CONFIGURATION

	Hanging roller	4/pcs
	Bracket	4/pcs
	Door stop	2/pcs
	Door stop	2/pcs
	Connector for Belt	2/pcs
	Fixing device for Belt	1/pcs
	Belt 10 meters	1/pcs
	Bottom guide	2/pcs
	Screws	1/pcs



HL-075

Symmetrical Wooden Sliding Doors Hardware

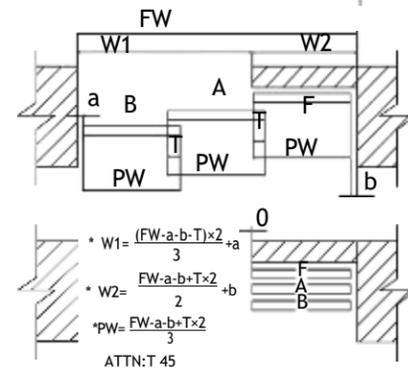
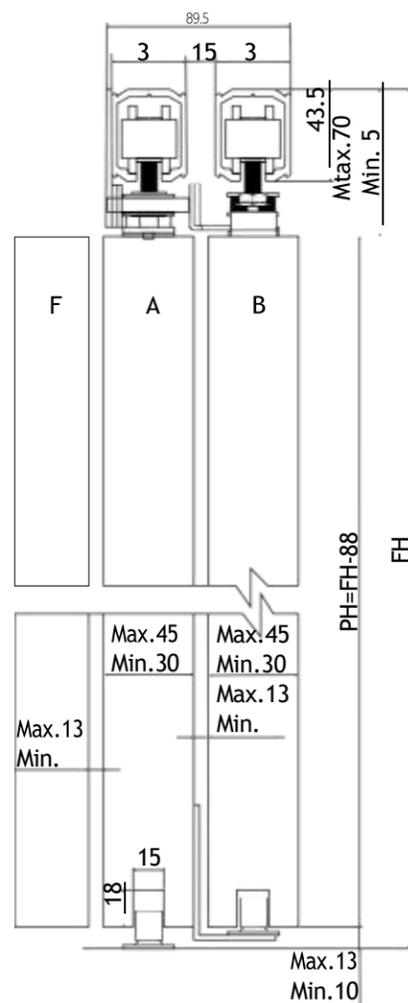
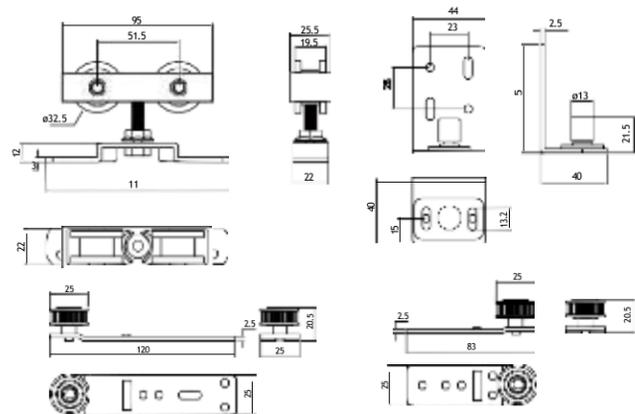


FEATURES

- Synchronized Syntropy sliding system for double doors
- Height adjustment of 3mm
- Max door weight 80KG
- Door thickness 30-45mm
- Door width 500-1200mm
- with 2.0 Mtr Track @ RM 802.50
- with 4.0 Mtr Track @ RM 1,282.50

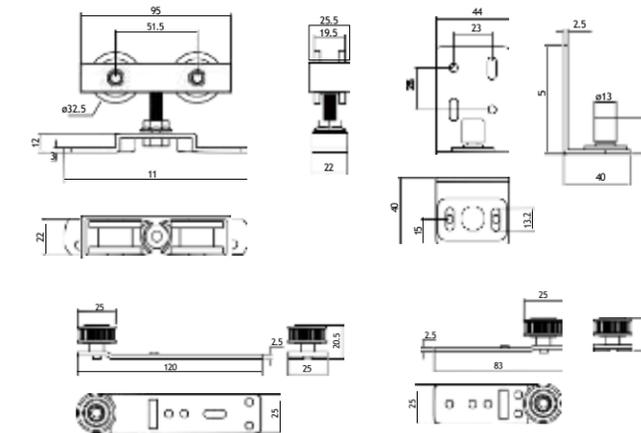
STANDARD CONFIGURATION

	Hanging roller	4/pcs
	Bracket	4/pcs
	Door stop	4/pcs
	Fixed seat	1/pcs
	Long bracket with wheel	1/pcs
	Short bracket with wheel	1/pcs
	Connector for Belt	1/pcs
	Fixing device for Belt	1/pcs
	Belt 3 meters	1/pcs
	Bottom guide	1/pcs
	Screws	1/pcs



HL-074

Symmetrical Wooden Sliding Doors Hardware

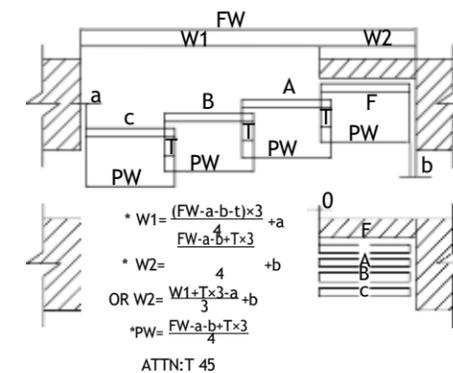
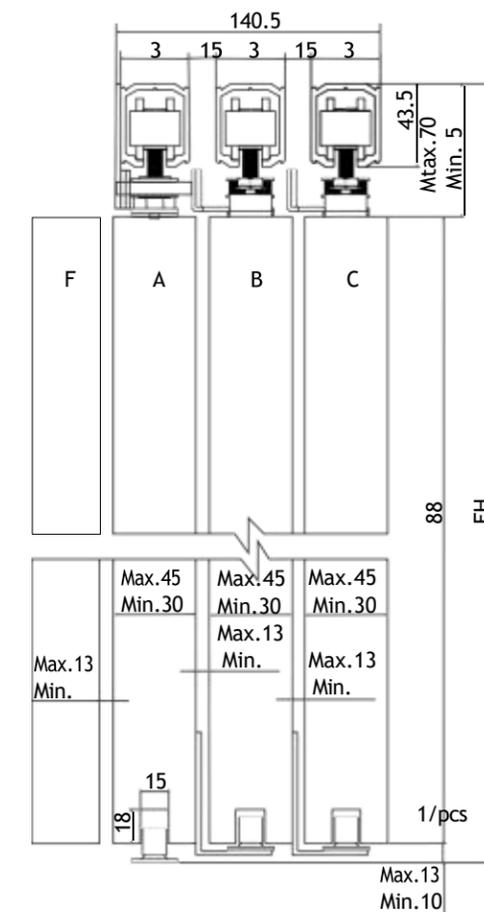


FEATURES

- Synchronized Syntropy sliding system for double doors
- Height adjustment of 3mm
- Max door weight 80KG
- Door thickness 30-45mm with 2.0 Mtr Track @ RM 1,192.50
- Door width 500-1200mm with 4.0 Mtr Track @ RM 1,912.50

STANDARD CONFIGURATION

	Hanging roller	6/pcs
	Bracket	6/pcs
	Door stop	6/pcs
	Fixed seat	1/pcs
	Long bracket with wheel	2/pcs
	Short bracket with wheel	2/pcs
	Adjustable fixing device	1/pcs
	Connector for Belt	2/pcs
	Fixing device for Belt	2/pcs
	Bottom guide	2/pcs
	Belt 3 meters	2/pcs
	Bottom guide	1/pcs
	Screws	1/pcs



**SDA-300**

Soft-Close Sliding Wooden Door Hardware



**FEATURES**

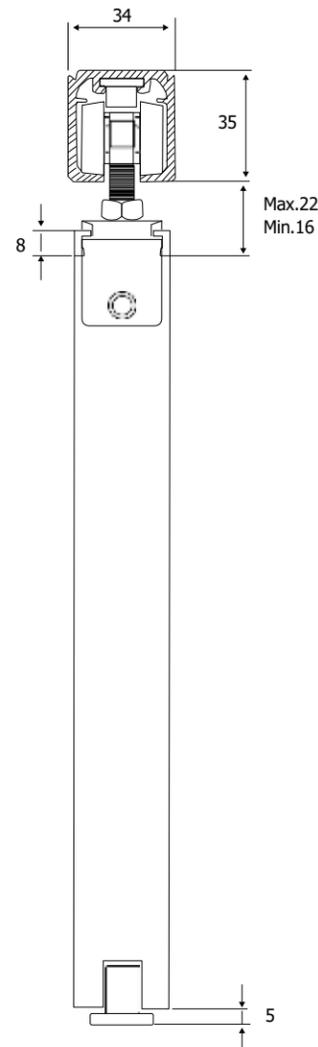
- For single or double leaf doors
- With soft close function
- Height adjustment of 5mm
- Max door weight 80kg
- Min. door thickness 30kg

**MATERIALS AND FINISHERS**

- Sliding track: Aluminum, Anodized
- Hanging roller: Zinc alloy, SN
- Bracket: Brass, SN

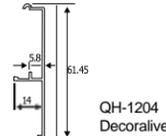
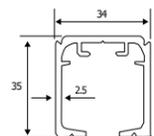
**STANDARD CONFIGURATION**

	Hanging roller	2/pcs
	Bracket	2/pcs
	Soft close clasper device	2/pcs
	Bottom guide	1/pcs



Screws 1/set

**ACCESSORIES OPTIONAL**



**PRIMA 303 (4 Roller)**

Aluminium Door Wheel  
Max Door Weight:80kgs



**PRIMA 313 (8 Roller)**

Aluminium Door Wheel  
Max Door Weight:120kgs



**SDA-304 Sliding System (4 Roller)**

For Wood Door/Aluminium Section  
Max Door Weight:60kgs



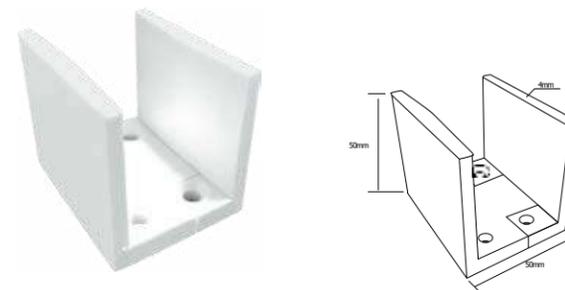
**SDA-304 Sliding System (8 Roller)**

For Wood Door/Aluminium Section  
Max Door Weight:80kgs



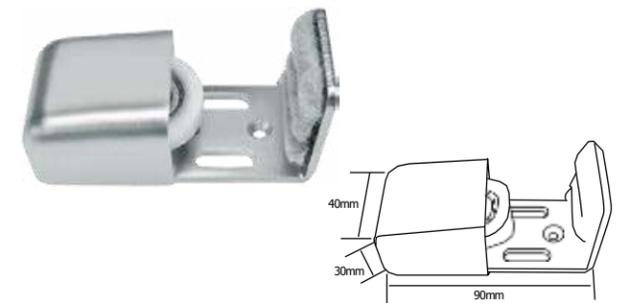
**GSD009(B)**

Adjustable Floor Guide  
Size:30mm~50mm



**GSD008(B)**

Adjustable Floor Guide  
Size:30mm~65mm

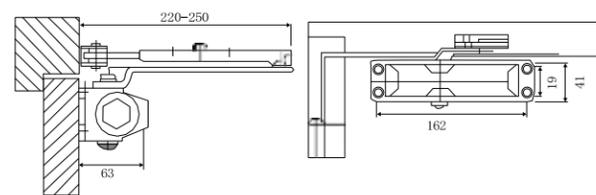


MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
SDA-303	Steel/Nylon	MF	100pcs/ctn	
SDA-313	Steel/Nylon	MF	100pcs/ctn	
SDA-304	Steel/Nylon	MF	100pcs/ctn	
SDA-308	Steel/Nylon	MF	100pcs/ctn	
GSD009(B)	Nylon	White	100pcs/ctn	
GSD008(B)	Nylon	NA	100pcs/ctn	

## PRIMA A-061C Door Closer



- The adjustable section of closing speed is 180° -20° the adjustable section of locking is 20° -0°.
- The painting plastic moving arm can protect from eroding: the excellent closing can protect from oil leakage.
- Super aluminum alloy casting machine and the three layers of brightness painting will protect it from oxygenation.
- Two hydraulic pressure valves control two sections of door closing separately the speed of locking have been control by the whole section of hydraulic pressure.
- The high-carbon steel axis and rack work smart and less transfigure after being managed through high channel adjusting.



MODEL	A	A	A	A	A	A	WEIGHT	WIDTH
A-061C	162	105	220	30	19	17	60-90kg	Less than 1000
A-062C	188	115	270	35	19	19	90-120kg	Less than 1000
A-061	165	100	215	30	19	17	60-80kg	Less than 1000

Closing&latching continuous adjustment : the fastest closing in 3 second srom 90° white the slow closing in more than 40 seconds.

Buffer function : door closer can create resistance to avoid to much for ces while opening the door to hit the wall; resistance is adjustable.

Delayed closing function : between 18° -65° , preset by the factory is 20 seconds which can be easily changed to 1 second to facilitate the senior and the disabled.

Closing force adjustment function : closing force is decided by the doors of different size and weight; this kind of door closer can be adjusted to the min closing force to reduce the resistance and facilitate the senior and disabled.

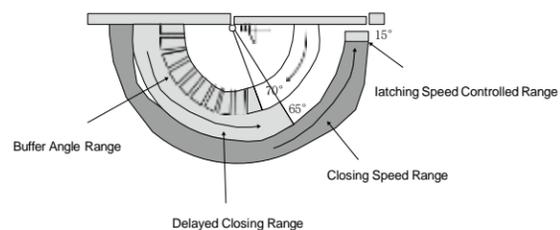
Closing speed adjustment Latching speed adjustment



Closing speed adjustment Latching speed adjustment



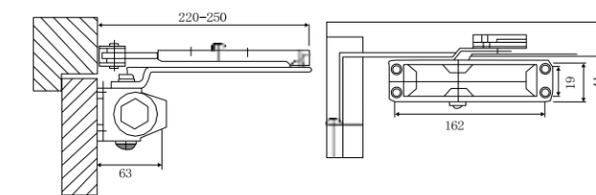
### ANGLE RANGE OF EACH FUNCTION



## PMA Door Closer D-061



- The max width of door is 600-1200mm, suitable for the door weight of 45-60kg.
- With a function of stopping at anchor point of 90° and no anchor point of 180° .
- Distance : 162mm x 19mm



- The adjustable section of closing speed is 180° -20° the adjustable section of locking is 20° -0° .
- The painting plastic moving arm can protect from eroding: the excellent closing can protect from oil leakage.
- Super aluminum alloy casting machine and the three layers of brightness painting will protect it from oxygenation.
- Two hydraulic pressure valves control two sections of door closing separately the speed of locking have been control by the whole section of hydraulic pressure.
- The high-carbon steel axis and rack work smart and less transfigure after being managed through high channel adjusting.

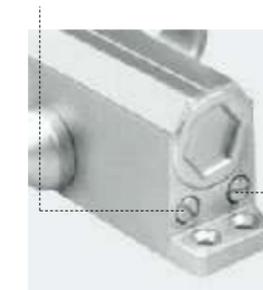
Closing&latching continuous adjustment : the fastest closing in 3 second srom 90° white the slow closing in more than 40 seconds.

Buffer function : door closer can create resistance to avoid to much for ces while opening the door to hit the wall; resistance is adjustable.

Delayed closing function : between 18° -65° , preset by the factory is 20 seconds which can be easily changed to 1 second to facilitate the senior and the disabled.

Closing force adjustment function : closing force is decided by the doors of different size and weight; this kind of door closer can be adjusted to the min closing force to reduce the resistance and facilitate the senior and disabled.

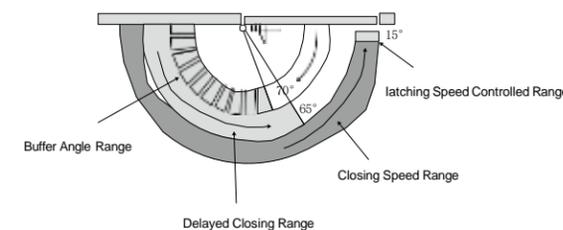
Closing speed adjustment Latching speed adjustment



Closing speed adjustment Latching speed adjustment



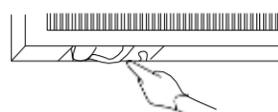
### ANGLE RANGE OF EACH FUNCTION



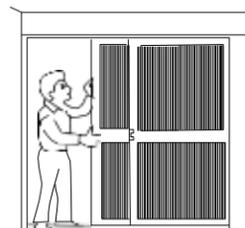
## YOMA Sliding Door Closer



Before mounting door closer, check door is in good working order as follows:



• Check door wheels and oil if necessary.



• Check alignment of doors with each other and with doorway frame.  
• Check sliding action by lightly pushing door to : should close smoothly and rebound slightly.



• Check that sliding rail is clear and clean.



MODEL	DOOR SIZE	CODE
90D	900mm	SDC-YOMA-3
120D	1200mm	SDC-YOMA-4
150D	1500mm	SDC-YOMA-5

## FA-00302

Full-Extension Ball Bearing Slide(45x1.2)



Size : 10" / 12" / 14" / 16" / 18" / 20" / 22" / 24"

Wax. Weight : 45kg

Finish : Cold-rolled Steel

Material : Black Zinc

Packing : 15 Pairs / Box

## FA-00904

Powder Coat Roller Slide



Size : 10" / 12" / 14" / 16" / 18" / 20" / 22" / 24"

Wax. Weight : 25kg

Finish : Cold-rolled Steel

Material : White

Packing : 30 Pairs / Box

## Cabinet Hinge



## Magnet



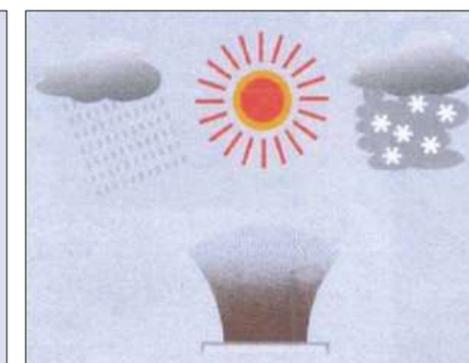
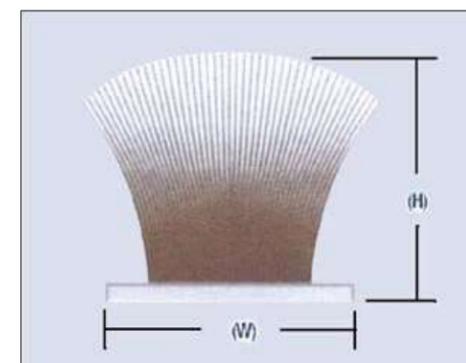
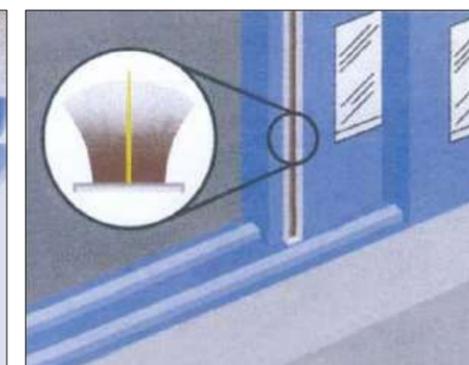
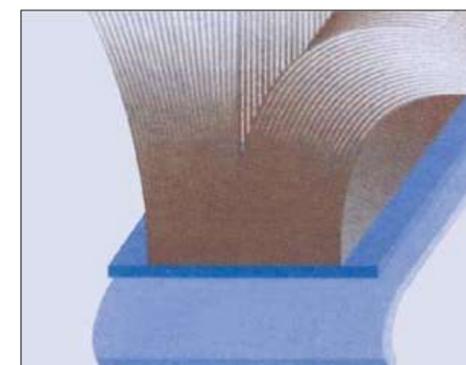
MODEL NO	DESCRIPTION	SIZE / Max.Weight	BRAND	PACKING	(RM)/UNIT
YOMA-3	900mm Sliding Door Closer	Door Size : 900mm	YOMA	10pcs/ctn	
YOMA-4	1200mm Sliding Door Closer	Door Size : 1200mm	YOMA	10pcs/ctn	
YOMA-5	1500mm Sliding Door Closer	Door Size : 1500mm	YOMA	10pcs/ctn	
FA-00302-18 "	Full Extension Ball Bearig Slide ( N )	Weight : 45kgs	-	20pcs/ctn	
CHH03	Csbinet Hinge Y 03 ( 4hole )	-	-	300pcs/ctn	

## Weatherseal

Polypropylene pile weatherseal for applications on aluminium sliding windows and doors.

### The Weatherseal benefits:

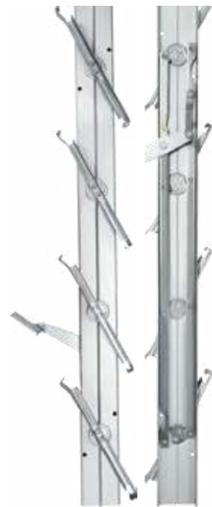
- \* Ease installation
- \* Move independtly, low friction, will not stretch or shrink
- \* Water resistant
- \* effective prevention against nose, water and air filtration



MODEL NO	LENGTH/ROLL	COLOR	(RM)/UNIT
WS 5 X 4.5	500 MTR	DARK GREY	
WS 5 X 5	500 MTR	DARK GREY	
WS 5 X 6	450 MTR	DARK GREY	
WS 5 X 7	300 MTR	DARK GREY	
WS 5 X 8	300 MTR	DARK GREY	
WS 5 X 9	300 MTR	DARK GREY	
WS 5 X 10	300 MTR	DARK GREY	
WS 6 X 5	400 MTR	DARK GREY	
WS 6 X 6	400 MTR	DARK GREY	
WS 6 X 7	350 MTR	DARK GREY	
WS 8 X 8	200 MTR	DARK GREY	
WS 6 X 6 SA	400 MTR	DARK GREY	
WS 6 X 8 SA	300 MTR	DARK GREY	
WS 7 X 8 SA	300 MTR	DARK GREY	
WS 5 X 10 F	200 MTR	DARK GREY	
WS 5 X 9 F	200 MTR	DARK GREY	



**6" Aluminium Louvres With Double Bar Standard**



BLADES	HEIGHT	CONTROL
3	440mm	Single
4	580mm	Single
5	720mm	Single
6	860mm	Single
7	1000mm	Single
8	1140mm	Double
9	1280mm	Double
10	1420mm	Double
11	1560mm	Double
12	1700mm	Double

BLADES	HEIGHT	CONTROL
2	305mm	Single
3	445mm	Single
4	582mm	Single
5	724mm	Single
6	864mm	Single
7	1004mm	Single
8	1143mm	Single
8	1143mm	Double
9	1283mm	Double
10	1422mm	Double
11	1562mm	Double
12	1701mm	Double
13	1842mm	Double
14	1981mm	Double
15	2121mm	Double
16	2261mm	Double
17	2400mm	Triple
18	2540mm	Triple

Material : Aluminium  
Finish : NA / MB / Black / White

**6" Metal Louvres**



BLADES	HEIGHT	CONTROL
3	445mm	Single
4	584mm	Single
5	724mm	Single
6	864mm	Single
7	1003mm	Single/Double
8	1143mm	Single/Double
9	1283mm	Single/Double
10	1422mm	Double
11	1562mm	Double
12	1702mm	Double
13	1842mm	Double
14	1981mm	Double

Material : Metal  
Finish : Mild  
Brand : KingKong

**Aluminium Naco Clip**



**PVC Clip 152mm**



**Insect Gasket Double Roller**



**Mosquito Bracket-Casement**



**Mosquito Bracket-Sliding**



**B 033 Insect Screen Corner Bracket**



**Mosquito Hinge**



**4" Alum.handle**



**B 011 Insect Screen Button H**



**B 012 Insect Screen Button L**



MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
ANCN	Aluminium	NA	1,000pcs/ctn	
		MB	1,000pcs/ctn	
		WHITE	1,000pcs/ctn	
		BLACK	1,000pcs/ctn	
ANCN(P)	PVC	BLACK	500pcs/ctn	
		WHITE	500pcs/ctn	
NETPR	Steel	MF	50pcs/ctn	
NETLB	Aluminium	MF	1000pcs/ctn	
NETLB-S	Aluminium	MF	1000pcs/ctn	
B033	PVC	Grey / Black	800pcs/ctn	
AHNA-4	Aluminium	NA	1000pcs/ctn	
B011	PVC	WHITE	1000pcs/pkt	
B012	PVC	WHITE	1000pcs/pkt	

## Aluminium Netting

Bright Aluminium Insect netting is well know for its superior quality. Aluminium finish is free of streaks and durable. Black color cotaed netting is premium choice for our aluminium netting product.with advance technology from U.S.A allows us to produce superior coating quality. The material is greatly durable and tends to reduce glare allowing an improved outward visibility.



Made in Thailand



Aluminium insect Netting				
Aluminium insect Netting is available in various width				
Inch	Centimeter	Wire Diameter	Length	Midsh
26-60	66-152.4	0.24mm	100ft	18x16
Hole : 1.5mm x 1.5mm				



MODEL NO	SIZE	MATERIAL	FINISHING	PACKING	(RM)/UNIT
NET3	36" X 30MTR	Aluminium	Silver	1 roll/box	
NET4	48" X 30MTR	Aluminium	Silver	1 roll/box	
NET-4-BK	48" X 30MTR	Aluminium	Black	1 roll/box	
NET5	60" X 30MTR	Aluminium	Silver	1 roll/box	

## Fibre Netting

Fibre Insect screen and security screen products. A stylishly screen for your living spaces.Create that fly and mosquito free environment you've dream of,for an affordable price! Retain the existing look of your doors and windows, without having to add cumbersome,hinged or sliding insect screens which invade your living space and collect dust and spider webs.Enjoy fresh air with open doors and windows and also imagining improved hygiene of cooking your meal with on flies landing on your food!

Fibre insect Netting				
Fibre insect Netting is available in various width				
Inch	Centimeter	Wire Diameter	Length	Mesh
26-60	66-152.4	0.24mm	100ft	18 x 16
Hole : 1.5mm x 1.5mm				



MODEL NO	SIZE	MATERIAL	FINISHING	PACKING	(RM)/UNIT
NET-FG-4	48" X 30MTR	Fibre	Grey	1 roll/box	
NET-FG-4-B	48" X 30MTR	Fibre	Black	1 roll/box	
NET-FG-5	60" X 30MTR	Fibre	Grey	1 roll/box	
NET-FG-6	72" X 30MTR	Fibre	Grey	1 roll/box	

## Stainless Steel Netting

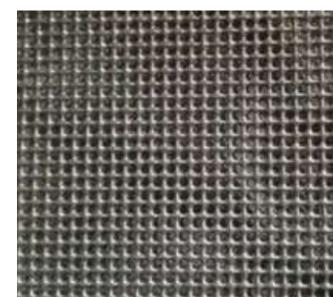
Stainless Steel Wire Mesh is one kind of wire mesh netting, woven by stainless steel wire.It is also called woven wire, atainless steel wire cloth,stainless steel mesh screen,stainless mesh,stainless wire mesh,ss wire mesh.The feaure of Stainless steel is wear-resisting,heat-resisting,acid-resisting and corrosion resisting.

Stainless Steel insect Netting				
Stainless Steel insect Netting is available in various width				
Inch	Centimeter	Wire Diameter	Length	Mesh
26-60	66-152.4	0.25mm	100ft	33G x 20M
26-60	66-152.4	0.60mm	100ft	23G x 10M
26-60	66-152.4	0.90mm	100ft	20G x 4M



MODEL NO	SIZE	MATERIAL	FINISHING	PACKING	(RM)/UNIT
NETSS-3	36" X 100FT	Stainless Steel	S/S	ROLL	
NETSS-4	48" X 100FT	Stainless Steel	S/S	ROLL	

## Black Stainless Steel Netting



Black Stainless Steel insect Netting		
Stainless Steel insect Netting is available in various width		
Inch	Centimeter	Wire Diameter
26-60	66-152.4	0.9mm



MODEL NO	SIZE	MATERIAL	FINISHING	PACKING	(RM)/UNIT
NETSS-BK-3	900MM X FEET	Stainless Steel	Black	cut to Feet Size	
NETSS-BK-4	1200MM X FEET	Stainless Steel	Black	cut to Feet Size	
NETSS-BK-5	1500MM X FEET	Stainless Steel	Black	cut to Feet Size	

### Black Protection Tape



PVC Black protection Tape is designed to provide protection on Aluminium and Steel frames. The tape has a high abrasion resistant backing and excellent UV resistance. The adhesive is designed to provide clean removal. Applications include:

- Protection on Aluminium window and Steel Frames
- Ideal for use in manufacture, transport and installation
- Protecting Aluminium Window and Door frames
- Can be used on Stainless Steel appliances and Sheeting
- Provides Corrosion Protection Barrier between dissimilar metals

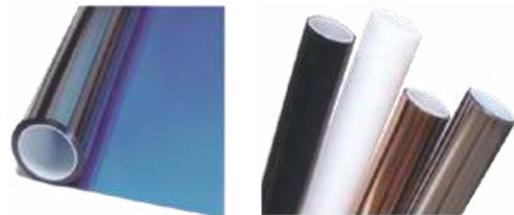
MODEL NO	SIZE	USED FOR	FINISHING	PACKING	(RM)/UNIT
BTPMA-B45	1200mm x 45 Meter	Aluminium	Black/Blue	1 Rolls/ctn	
BTPMA-B80	1200mm x 80 Meter	Aluminium	Black/Blue	1 Rolls/ctn	
BTPMA-R45	1200mm x 45 Meter	Aluminium	Black/Red	1 Rolls/ctn	

### Blue Protection Tape



MODEL NO	SIZE	USED FOR	FINISHING	PACKING	(RM)/UNIT
BTOPT220(G)	50Micron x 1200mm x 180 Mtr	Glass	Blue	4 Rolls/ctn	
BTOPT220(A)	50Micron x 1200mm x 180 Mtr	Aluminium	Blue	4 Rolls/ctn	

### Window Film/Frosted Film



MODEL NO	SIZE	FINISHING	PACKING	(RM)/UNIT
ZSB215/216-3(15)	36" X 15Mtr	Frosted	4 Rolls/ctn	-
ZSB215/216-4(15)	48" X 15Mtr	Frosted	4 Rolls/ctn	
ZSB215/216-5(15)	60" X 15Mtr	Frosted	4 Rolls/ctn	
ZSB-	48" X 15MTR/50Mtr	Others Color Ass		

### Stretch Film 4"



### Stretch Film 20"



### Masking Tape



### Drywall Joint Tape



### Foam Tape With Glue



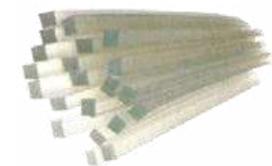
### Backer Rod



### Super Window Film Squeegee(Usa)



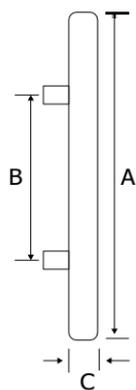
### Setting Block



MODEL NO	SIZE	FINISHING	PACKING	(RM)/UNIT
BTOWT-4	4" x +/- 250g	Transparents	60 Rolls/ctn	
BTOWT-20	20" x +/- 1.3g	Transparents	3 Rolls/ctn	
BTOM-144	24mm x18y	Yellow	144 Rolls/ctn	
BTOM-192	18mm x18y	Yellow	192 Rolls/ctn	
JT-5050	50mm x50Mr	White	48 Rolls/ctn	
SST/DST	(T)x(W)x 1 mtr / 2 mtr	White/Black Grey	Custom made price	
BR	(T)x(W)x 1 mtr / 2 mtr	White/Black Grey		
ZSB-SQ	9"	Grey		
SB0610C	6mm x 10mm x 1 FT	Transparents	100 Rolls/plct	
SB1012C	10mm x 12mm x 1 FT	Transparents	50 Rolls/plct	
SB1612C	16mm x 20mm x 1 FT	Transparents	25 Rolls/plct	

**AHNA/AHMB**

Aluminium Handle-12"



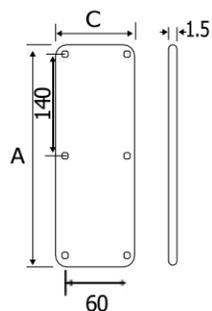
**AHNA-9**

Aluminium Handle-9"



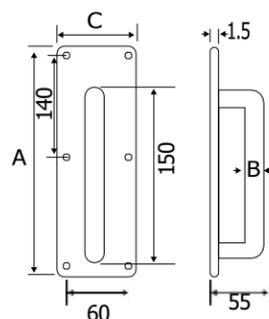
**PUSH**

Push Plate

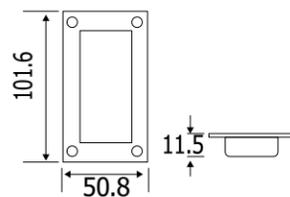


**PULL**

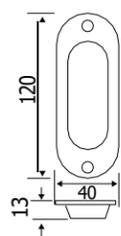
Pull Handle



**FP-SQ**

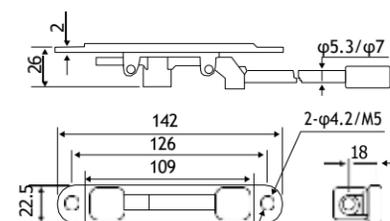


**FP-OV**



**Flush Bolt (Round)**

**FB-301**



**Flush Bolt (Square)**

**FB-302**



**Flush Bolt (Level)**

**FB-304**

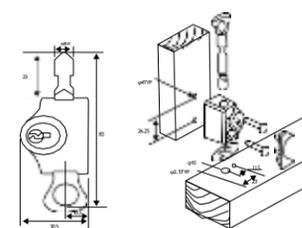


**Box Type Flush Bolt**

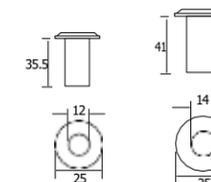
**FB-Box**



**MC93**



**DUST SOCKET**



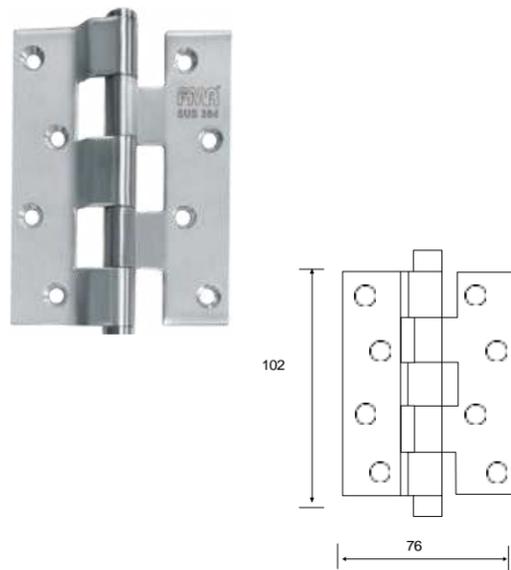
MODEL NO	SIZE	FINISHING	PACKING	(RM)/UNIT
AH-12	300mm	NA	40pcs/ctn	
		MB	40pcs/ctn	
		WHITE	40pcs/ctn	
		BLACK	40pcs/ctn	
AH-9	9"	NA/MB	50pcs/ctn	
		WHITE/BLACK	50pcs/ctn	
PUSH	300mm	S/S	20pcs/ctn	
PULL	300mm	S/S	20pcs/ctn	
FP-SQ	102mm	S/S	100pcs/ctn	
FP-OV	120mm	S/S	50pcs/ctn	

MODEL NO	MATERIAL	FINISHING	PACKING	(RM)/UNIT
FB-301	Aluminium	NA/MB	100pcs/ctn	
FB-301	Aluminium	White/Black	100pcs/ctn	
FB-302	Aluminium	NA/MB	100pcs/ctn	
FB-302	Aluminium	White/Black	100pcs/ctn	
FB-304	Stainless Steel	S/S	100pcs/ctn	
FB-BOX	Aluminium	MF	100pcs/ctn	
MC-93	Zinc	White/Black	50pcs/ctn	
ZDS-30	Stainless Steel	S/S	200pcs/ctn	
ZDS-40	Stainless Steel	S/S	1000pcs/ctn	



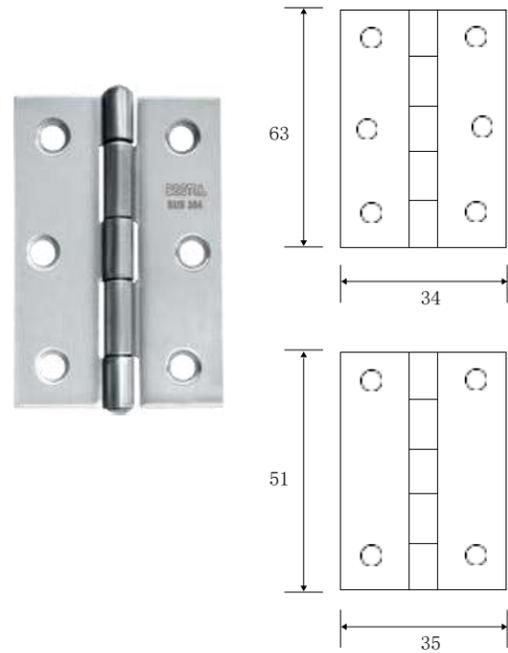
**PMA Grill Door Hinge  
H4X3PMA**

Available in Material : 202/SUS 304

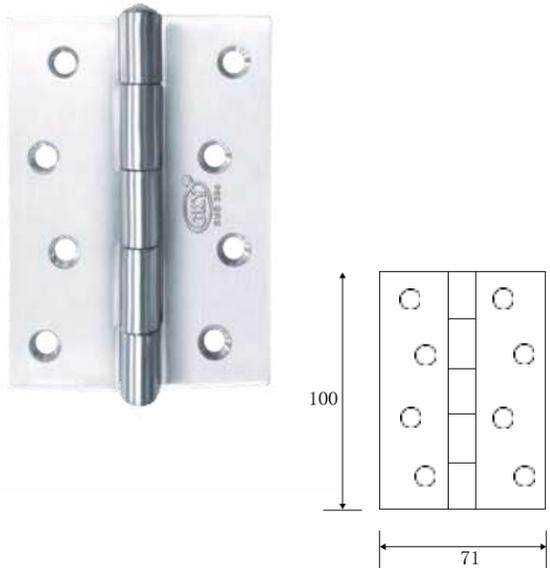


**Bestul Stainless Steel Hinge**

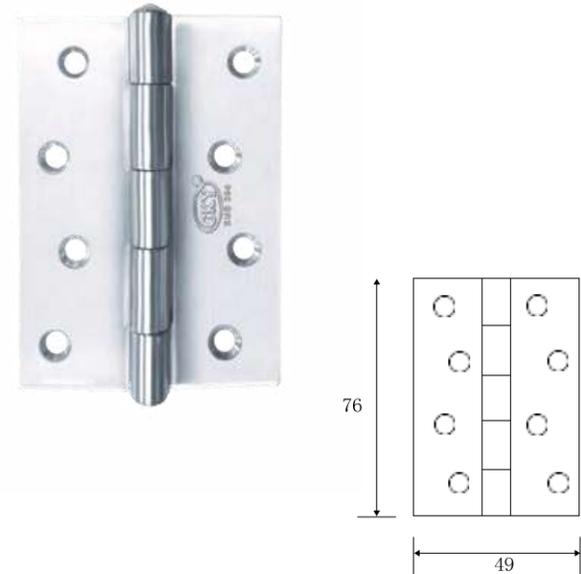
Available in size : 2 1/2" & 2"



**GKY Door Hinge  
H4X3GKY**

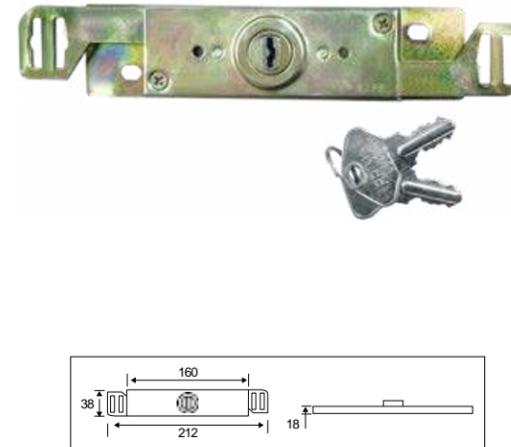


**GKY Door Hinge  
H3X2GKY**



MODEL NO	SIZE	FINISHING	PACKING	(RM)/UNIT
H4X3-PMA	SUS 304	S/S	50prs/ctn	
H4X3-KEYE	SUS 202	S/S	50prs/ctn	
H3X2-GKY-SUS	SUS 304	S/S	120prs/ctn	
H3X2-GKY	SUS 202	S/S	120prs/ctn	
H4X3-GKY-SUS	SUS 304	S/S	96prs/ctn	
H4X3-GKY	SUS 202	Grey	96prs/ctn	

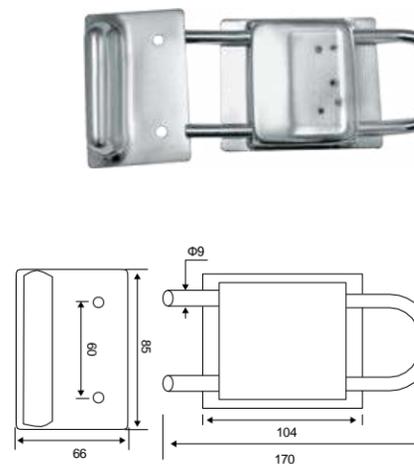
**Roller Shutter Lock  
LRSL**



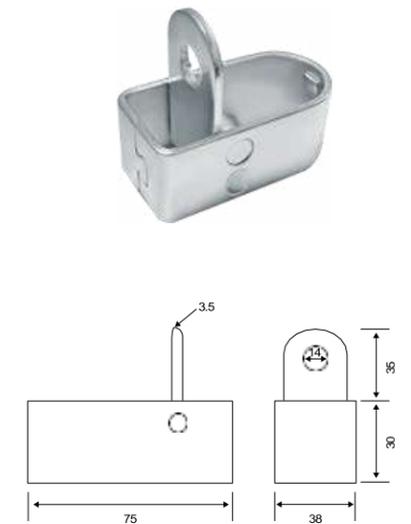
**Ground Lock(Small)  
LGL-S**



**Roller Shutter Middle Lock  
LRS-ML**



**Ground Lock(Big)  
LGL-B**



MODEL NO	SIZE	FINISHING	PACKING	(RM)/UNIT
LRSL	Steel	AB	80pcs/ctn	
LGL-S	Zinc	S/S	200pcs/ctn	
LRS-ML	Zinc	S/S	100pcs/ctn	
LGL-B	Zinc	S/S	100pcs/ctn	

**MC-800**

Acrylic Latex Sealant  
 \*Gap Filter Cabinte / Window  
 Door Frame  
 \*Paintable  
 \*Superior Durability  
 Color : White  
 480g / Cartridge 24 Btls / Ctn  
 600ml / sausage 20Sau / Ctn



**MC-807**

Acrylic Latex Sealant  
 \*Gap Filter Cabinte / Window  
 Door Frame  
 \*Paintable  
 \*Superior Durability  
 Color : White  
 450g / Cartridge 24 Btls / Ctn



**MS-601/MS603**

MS Polymer Adhesive / Sealant  
 \*Metal Frames  
 \*Concrete  
 \*Coaches  
 \*Ship  
 Color : White / Black / Grey  
 290ml / Cartridge 24 Btls / Ctn  
 600ml / Sausage 20 Sau / Ctn



**SN-501**

100% RTV Neutral Silicone  
 \*Glass and Metal  
 \*Polycarbonate  
 \*Fiberglass  
 Color : Clear / White / Black / Grey  
 300g / Cartage 24Tube / Ctn  
 600ml / Sausage 20Pcs / Ctn



**MS-609**

MS Polymer Adhesive / Sealant  
 \*Hybrid Sily Modified Polyether Technology  
 \*Extra Fast Grip Up to 8 Kgs Without Support  
 \*Gluing of Mirror  
 \*Features Wall  
 \*Stripes  
 Color : White  
 290ml / Cartridge 24 Btls / Ctn  
 600ml / Sausage 20 Sau / Ctn



**MS-602**

MS Polymer Sealant-LM  
 \*No Visible Stain Even On Porous Substrate  
 \*Excellent UV & Weather Resistant  
 Color : Matt Black / Grey  
 290ml / Cartridge 24 Btls / Ctn  
 600ml / Sausage 20 Sau / Ctn



**MC-201**

Awning, Roofing and Skylight  
 Color : White / Black / Grey  
 300ml / Cartridge 24 Btls / Ctn  
 400ml / Paper Cartridge 24 Btls / Ctn



**MC-808**

\*Colofil Multi Color  
 \*Acrylic Gap Sealant  
 Color : Lily-White / Barley / Beige / Cherry / Brown / Teak / Gray / Black / Coffee  
 480g / Cartridge 24 Btls / Ctn



**X' BOND**

\*Furniture, Panel  
 \*Styrene Safe  
 \*High Bond Strength  
 \*Fast and Easy Installation  
 Color : Beige  
 320g / Cartridge 24 Btls / Ctn



**SN-505**

Kitchen & Bathroom Sealant  
 \*Anti - Fungus  
 \*Waterproof Seal  
 Color : Clear / White  
 300g / Cartridge 24 Btls / Ctn  
 600ml / sausage 20Sau / Ctn



**SN-502**

All Weather Sealant  
 \*Metal Panel  
 \*Matt Finish  
 Color : Matt Black / Matt Grey / Matt White  
 300g / Cartridge 24 Btls / Ctn  
 600ml / sausage 20Sau / Ctn



**SPECTREM 2**

High-Performance Silicone Sealant  
 \* 2 side structural glazing  
 \*Curtain Wall  
 \*Window Joints.  
 Color : Black  
 600ml / sausage 20Sau / Ctn



**SA-107**

Multi-Purpose Acetoxy Silicone  
 \*Glass to Glass  
 Color : Clear / White / Black  
 280ml / Cartridge 30 Btls / Ctn

**SA-103**

Multi-Purpose Acetoxy Silicone  
 \*Glass to Glass  
 Color : Clear / White / Black / Grey  
 300g / Cartridge 24 Btls / Ctn

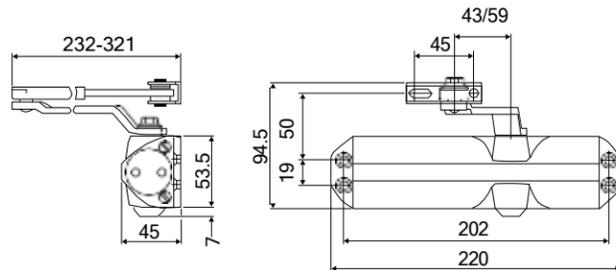


**SA-101**

100% RTV Acetoxy Silicone  
 \*Aquarium  
 \*Glass to Glass  
 \*Excellent Adhesion  
 Color : Clear / White / Black / Grey / Bronze / Aluminium  
 300g / Cartridge 24 Btls / Ctn  
 600ml / Sausage 20 Sau / Ctn



# DORMA DOOR CLOSER TS-68



Selectable Closing Force : EN2/EN3/EN4
Max.Door Width : 1100mm
Closing & Latching Speed : Adjustable by valve
Hold-open Arm : Optional

## The ideal low-cost solution for standard doors

With the DORMA TS 68, Dorma has developed a low-cost door closer which can be universally used on all common door types. It is particularly quick and easy to install and does not require a mounting backplate

The closer arm's power shoe and changes in templating allow easy selection of the closing force to suit various door sizes.



## Plus points

For the trade

- The low cost solution for standard doors.
- Just one model for all mounting positions.

For the installer

- Non-handed unit.
- Quick and easy to install.
- Fixes perfectly to all door types without the need for a mounting backplate

For the specifier / architect

- Compact design.
- Inexpensive, proven reliability.

For the user

- Closing cycle largely unaffected by temperature changes.
- Two valves for optimum closing speed and reliable latching action.

DATA AND FEATURES		TS 68
Selectable closing force (variable via arm power shoe and templating)	Size	En 2/3/4
Door width	≤ 1100mm	-
External doors, outward opening		-
Non-handed		-
Arm typeS	limline	-
	Slide channel	-
Closing speed adjustable via 2 independent valves	° - 15° 15° - 0°	-
Backcheck		-
Delayed action		-
Hold-open		#
Weight in kg		1.4
Dimensions in mm	Length Overall depth Height	220 45 53.5
- Yes -No #Option		

# TS-77

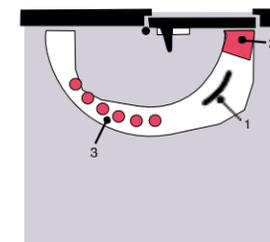


The economical solution for standard doors. Non-hanged, suitable for standard, parallel arm and frame installation.

Full controlled closing cycle. Surface finish for optimum corrosion protection.

DATA AND FEATURES		TS 68
Close forc	S size	3
Standard doors	950mm	-
External doors, opening outwards		-
Non-handed		-
Arm assembly type	Standard	-
	Slide channel	-
Closing force variable at adjustment screw		-
Closing speed variable by valve adjustment		-
Backcheck		-
Delayed action		-
Hold-open		-
Weight in kg		1.3
Length		180
Dimensions in mm	Overall depth	65
Height		44
- Yes -No #Option		

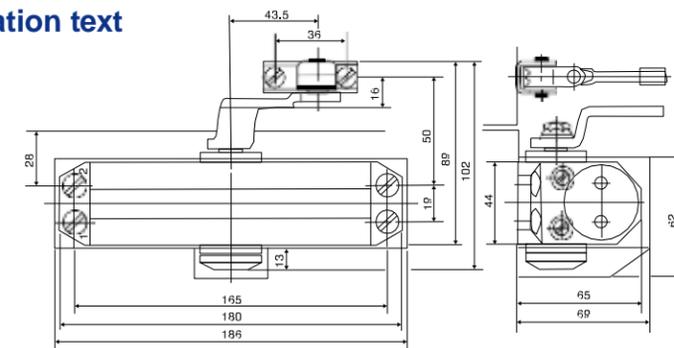
For applications involving particularly heavy doors and doors which have to close against wind resistance, we recommend the DORMA TS 83.



## Standard and optional functions Example:left-hand(ISO 6)door,pull side fixing

1. Fully controlled closing with speed adjustable between 180° or 120° and 20°
2. Adjustable latching action adjustable between 20° and 0°
3. Hold-open range if equipped with hold-open arm ( optional extra)

## Specification text



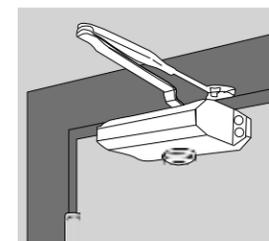
Rack-and-pinion door closer with hydraulically controlled trolled closing cycle and non-handed.

Model:  
□ Size 3  
□ With hold-open arm

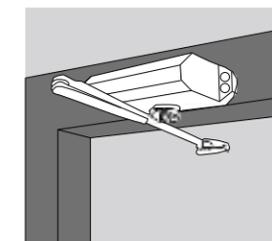
Accessories :  
Closer Colour:  
□ silver

Make:DORMA TS 77

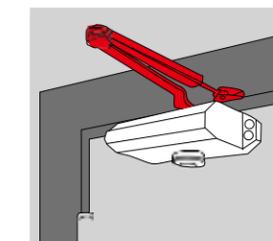
## Applications and fixing



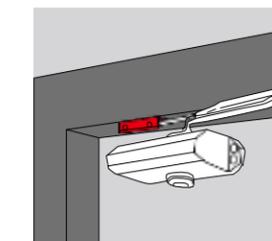
...on the pull side  
Door leaf fixing (standard)



...on the pull side  
Transom fixing  
(overhead installation)

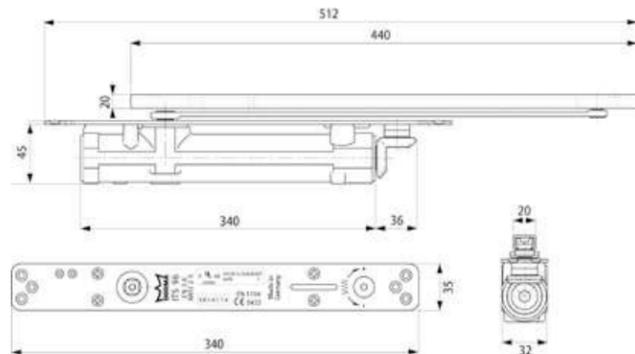


...with hold-open arm  
assembly  
for temporary door hold-open  
(optional extra)



...parallel arm  
for parallel arm assemensions  
( for installation dimensions,  
see fixing instructions)

## DORMA CONCEAL DOOR CLOSER ITS 96(EN2-4)



Hold Open Module for ITS96

### ITS-96 (EN2-3-4) Uncompromising technical Sophistication

The DORMA ITS 96 has ushered in a new era in door closer technology. The closer body and slide channel are so compact that they can be installed out of sight in doors and their frames. These devices offer the same high quality expected of DORMA door closers, as characterised by their ease of operation for the user, and wide range of functions. Thanks to the exceptionally

slender dimensions of the unit, the DORMA ITS 96 can be installed in virtually all doors with thicknesses of 40 mm or more, and offers all the advantages of quality assured manufacture with third-party auditing.



### Plus points...

- ...for the trade
- Low inventory costs and reduced stocking requirements thanks to stream-lined modular system and separate packaging of closer body and slide channel assemblies.
- Tailor-made applications with special accessories.
- ...for the installer
- Non-handed system.
- Can be incorporated within the door pre-fabrication process, allowing complete installation in the factory.
- Easy adjustment of the closing strength, closing speed and latch action after hanging of the doors.

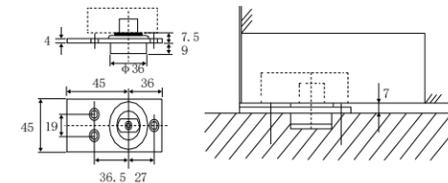
- ...for the specifier/architect
- Unblemished appearance of prestige doors thanks to concealed installation.
- Ideal for doors integral to the interior design.
- ...for the user
- Optimum protection against vandalism thanks to the concealed installation.
- Enhanced user convenience and fully controlled, reliable closing with adjustable latch action.
- Cushioned limit stay with progressive damping for protection of wall and door.

DATA AND FEATURES		ITS 96	
Variable closing force	Spring strength	EN 2-4	EN 3-6
Smoke check doors <sup>1)</sup>	up to 1100 mm up to 1400 mm	•	•
External doors, outward opening		-	-
Fire and smoke check doors	up to 1100 mm up to 1400 mm	•	•
Door leaf thickness	equal to/greater than 40 mm equal to/greater than 50 mm	•	•
Max. door leaf weight in kg		100	180
Non-handed design (closer)		•	•
Arm	Slide channel	•	•
Closing force variable by means of adjustable screw		•	•
Closing speed adjustable by means of valve		•	•
Latching speed adjustable by means of valve		•	•
Cushioned limit stay, mechanical		•	•
Delayed action		•	•
Hold-open		•	•
Max. door opening angle (depends on door design)		#	#
Weight in kg		1.3	2.5
Dimensions in mm	Length	277	291
	Width	32	39.5
	Height	42	51
Door closer tested to EN 1154 A		•	
Hold-open devices tested to EN 1155		•	
Hold-open devices tested to EN 1158		•	

Further information  
Additional information about many of our products is available from a range of electronic media (internet, CD-ROM, diskettes). The abbreviated codes next to the computer symbol indicate the search terms.

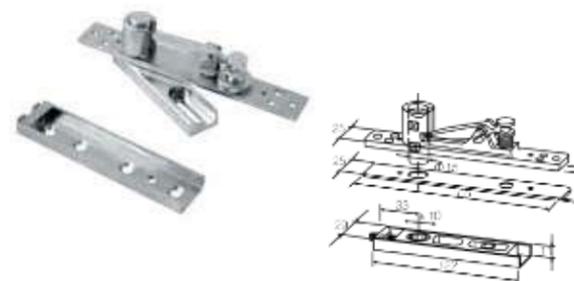
All the measurement by millimeter (mm)

## 7475 AX FLOOR PIVOT BEARING (300kg)

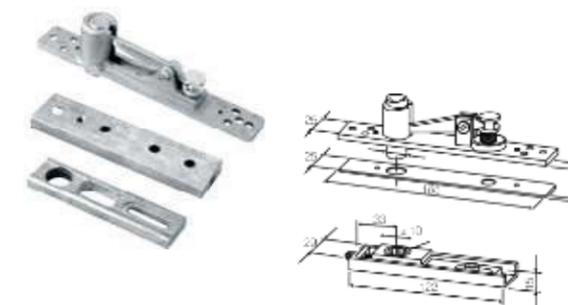


### 8062+8064 TOP CENTRE (120kg)

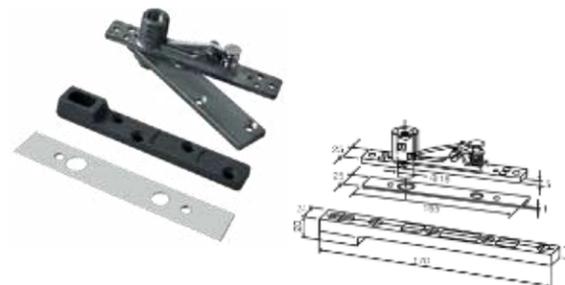
Aluminium Diecast



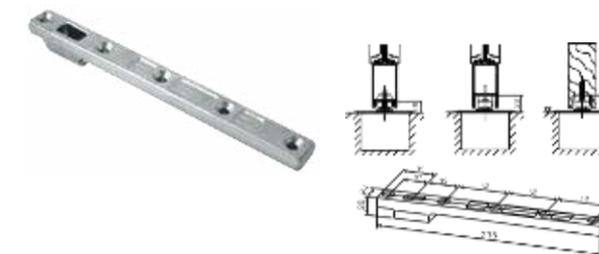
### 8066+8064 TOP CENTRE (300kg)-STEEL



### AL ACCESSORIES (100kg)



### 7421 BOTTOM STRAP (300kg)



### STANDARD EQUIPMENT AND ACCESSORIES

BTS 80 floor spring	BTS 75 V floor spring	Extended spindles (extension in mm)													
		45200401 Standard	45200402	45200403	45200404	45200419	45200405	45200406	45200407	45200414	45200408	45200409	45200410	45200411	45200412

**SL 12 Glass Door**

**SL 12 Timber Door**

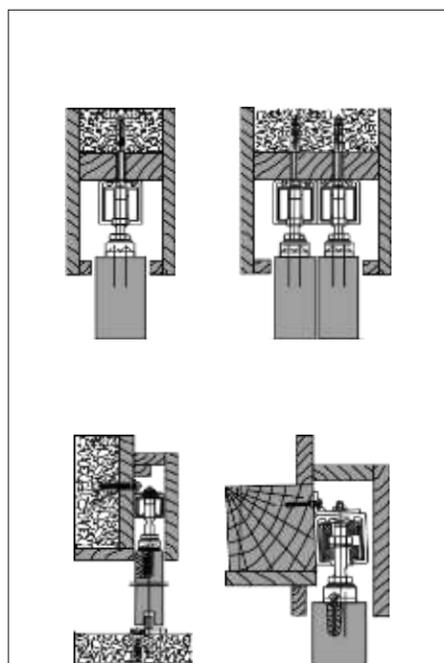
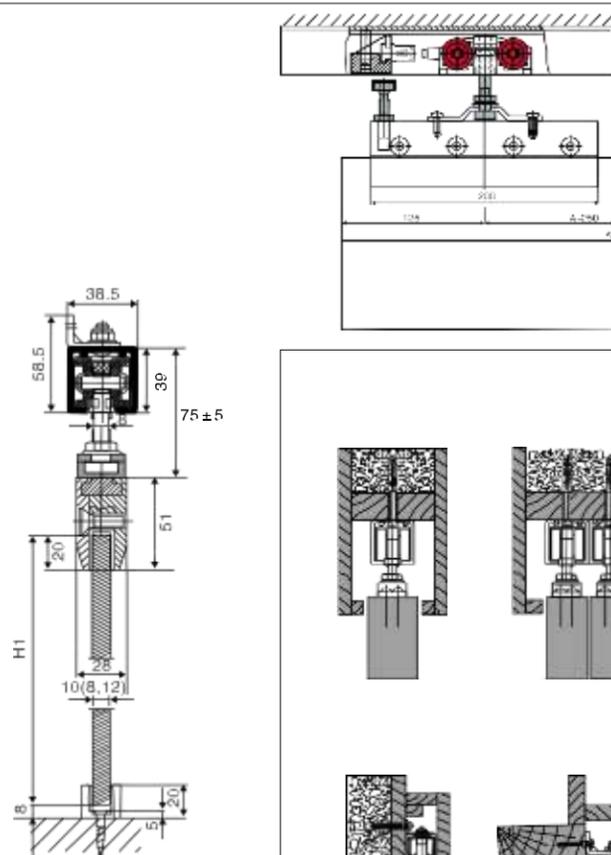
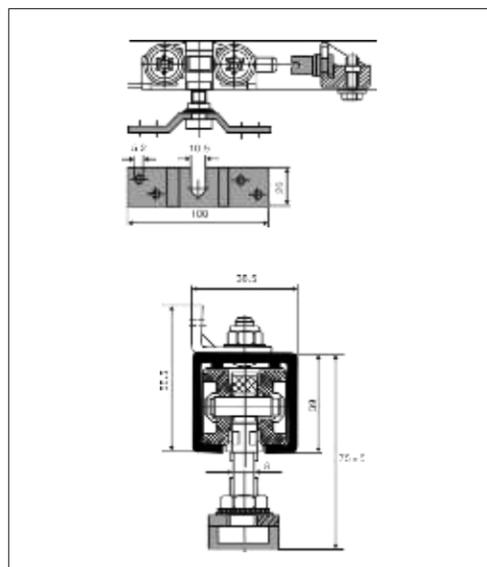
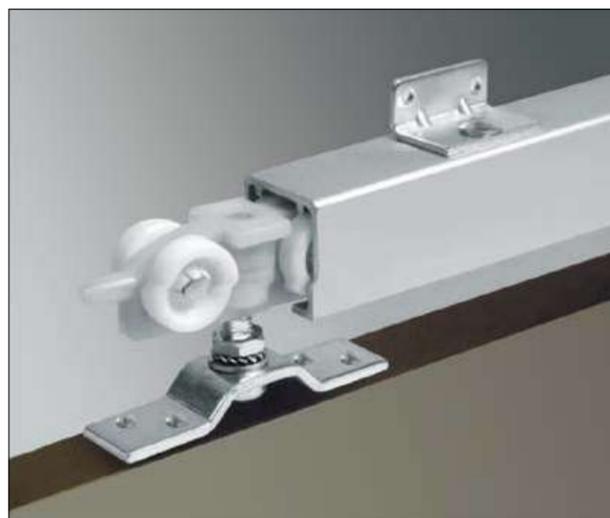


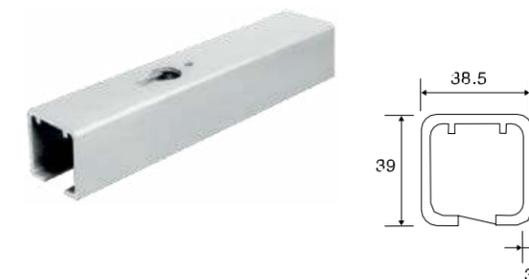
Illustration to show that the DORMA SL can be used even when the fixing for the track is not square.

Size	1	2	3	4
Door Width mm	710-900	910-1200	1210-1500	1510-1800
Track Length mm	1600	2000	2400	3000
Angle bracket for wall fixing per piece	6	6	8	8
Article No.	SL 12.2	SL 12.3	SL 12.4	SL 12.5

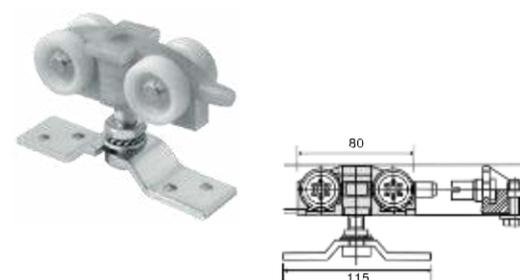
**SL 12 Sliding Roller Set**

Carrying capacities up to 120kg  
2 meter track door leaf widths up to 900mm  
3 meter track door leaf widths up to 1200mm  
(2m & 3m roller set without MT00012 Glass Clamp)

**SL 12 Aluminium Track**



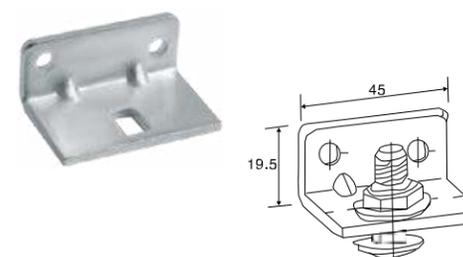
**SL 12 Top Roller**



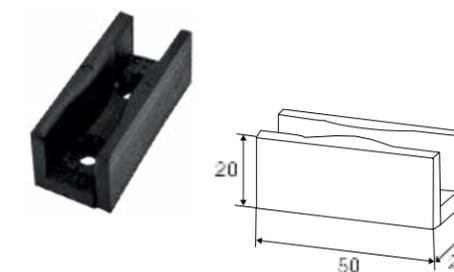
**MT 00012 Glass Clamp**



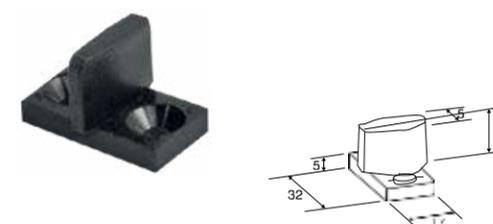
**Side Fixing Bracket**



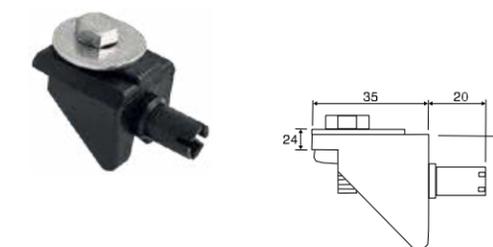
**Floor Guide For Glass Door**



**Floor Guide**



**SL 12 Stopper**

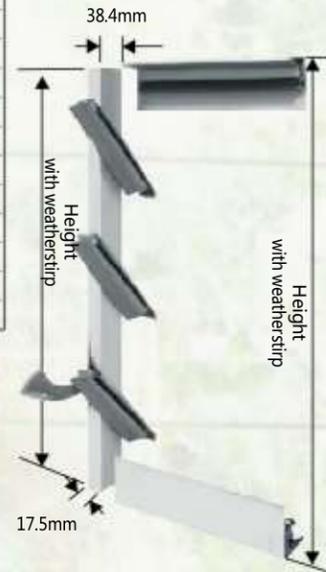


Altair

Altair

Heights for 102mm Blade Louvre Gallery		
NO. of Blades	Height (mm) No Weatherstrip	Height (mm) No Weatherstrip
3	310	320
4	400	410
5	490	500
6	580	590
7	670	680
8	760	770
9	850	860
10	940	950
11	1030	1040
12	1120	1130
13	1210	1220
14	1300	1310
15	1390	1400
16	1480	1490
17	1570	1580
18	1660	1670
19	1750	1760
20	1840	1850
21	1930	1940
22	2020	2030
23	2110	2120
24	2200	2210
25	2290	2300
26	2380	2390
27	2470	2480
28	2560	2570
29	2650	2660
30	2740	2750
31	2830	2840
32	2920	2930
33	3010	

Heights for 152mm Blade Louvre Gallery		
NO. of Blades	Height (mm) No Weatherstrip	Height (mm) No Weatherstrip
2	320	330
3	460	470
4	600	610
5	740	750
6	880	890
7	1020	1030
8	1160	1170
9	1300	1310
10	1440	1450
11	1580	1590
12	1720	1730
13	1860	1870
14	2000	2010
15	2140	2150
16	2280	2290
17	2420	2430
18	2560	2570
19	2700	2710
20	2840	2850
21	2980	2990

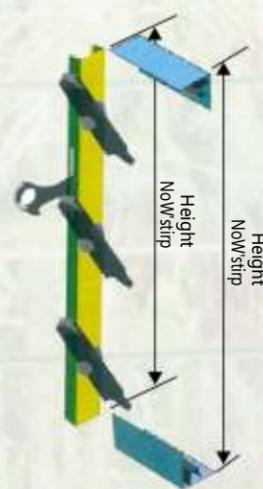


Palmair 102mm Standard Handle

NO. of Blades	Height (mm) No Weatherstrip	Height (mm) No Weatherstrip
3	292	297
4	381	386
5	470	475
6	559	564
7	648	653
8	737	742
9	826	831
10	915	920
11	1004	1009
12	1093	1098
13	1182	1187
14	1270	1276
15	1360	1365
16	1449	1454
17	1538	1543
18	1627	1632
19	1716	1721
20	1805	1810
21	1894	1899
22	1983	1988

Palmair 152mm Standard Handle

NO. of Blades	Height (mm) No Weatherstrip	Height (mm) No Weatherstrip
2	304	309
3	444	449
4	584	589
5	724	729
6	864	869
7	1004	1009
8	1144	1149
9	1284	1289
10	1424	1429
11	1564	1569
12	1704	1709
13	1844	1849
14	1984	1989
15	2124	2129



Louvre Channel

Louvre Blade Clips



The louvre channel is made from 6063-T5 extruded aluminium with a UV-stabilised acetal handle. The handle has been designed to spring back to its normal position, even when severely bent. The operating mechanism has passed a stringent 30,000 open and close cycle test

The blade holder design prevents easy removal of the blade when it's in the locked position and also conceals all the fixing screws. The blade holders are made from high strength UV-stabilised polypropylene plastic which gives the clips flexibility without sacrificing your security

Materials

Weatherstrip



The Palmair Louver has an attractive, uncluttered design with a smooth operation and a compact appearance. Made with non-corrosive materials, including aluminum, stainless steel and UV-stabilized polypropylene and acetal plastic. This ensures a much longer life in a harsh climatic environment than the old steel louvers

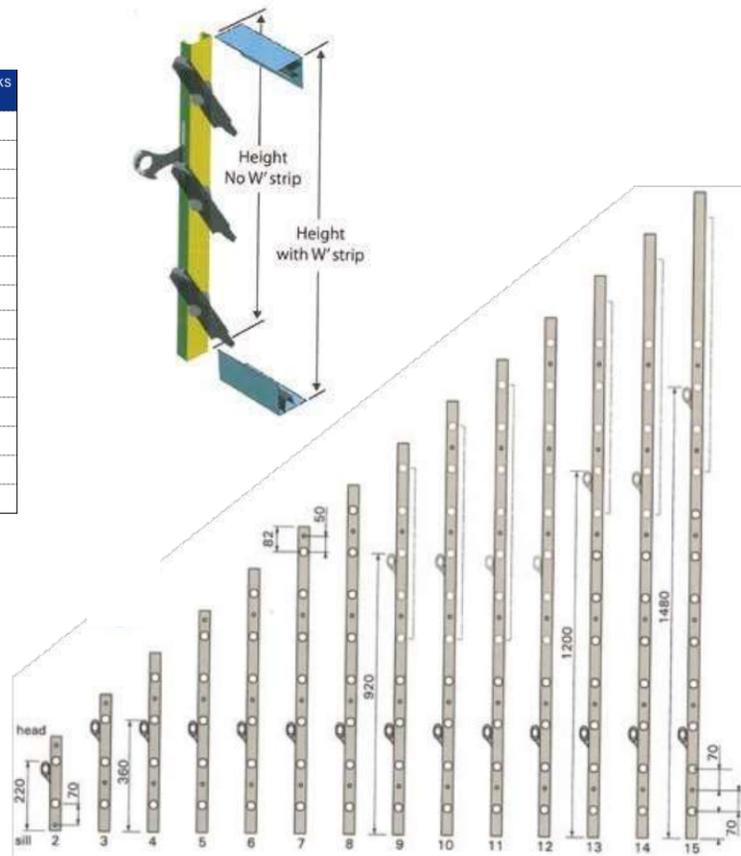


The Weatherstrip seals along the blade to prevent wind and water entering the home. Head and sill Weatherstrip are essential to ensure the highest weather resistance possible

Louvre Gallery Heights And Handle Positions

Palmair™ 152mm Standard Handle

NO. of Blades	Height(mm) No W'strip	Height(mm) No W'strip	Blades Controlled in Banks from Sill Upwards	
2	304	309	2	
3	444	449	3	
4	584	589	4	
5	724	729	5	
6	864	869	6	
7	1004	1009	7	
8	1144	1149	8	
9	1284	1289	4	5
10	1424	1429	4	6
11	1564	1569	4	7
12	1704	1709	4	8
13	1844	1849	6	7
14	1984	1989	6	8
15	2124	2129	8	7



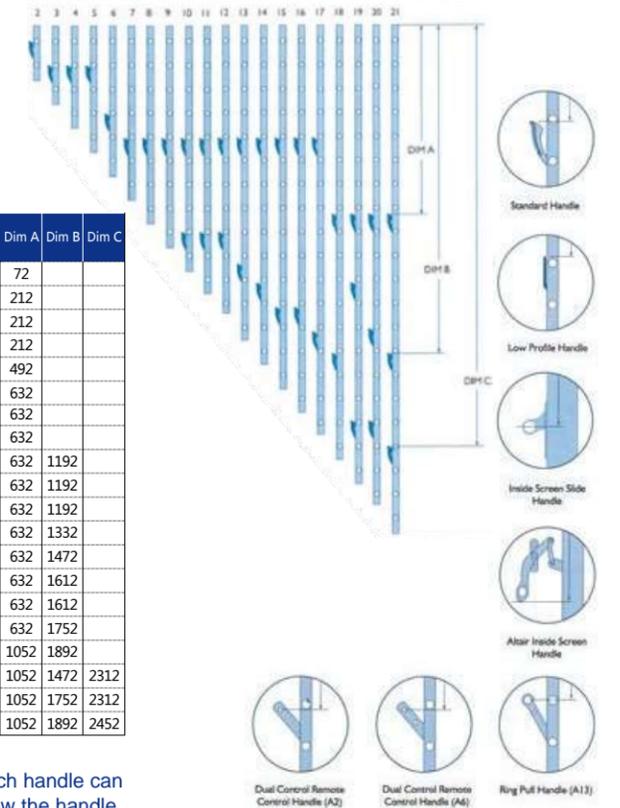
Altair® 152mm Louvre Standard Handle Positions

Formulas For Other Handle Positions

1. Low profile Handle Position
2. Inside Screen Slide Handle
3. Inside Screen Handle Position
4. Ring Handle Position
5. Single Control Remote Control
6. Dual Control Remote Control Control

=Standard Handle Position-3mm  
 =Standard Handle Position+3mm  
 =Pleasecall Breezway Sales for more information  
 =Standard Handle Position+18mm  
 =Standard Handle Position+45mm  
 =Standard Handle Position+18mm

NO. of Blades	Banks of Blades Controlled from Head Downward	Channel Length	Dim A	Dim B	Dim C		
2	2	320	72				
3	3	460	212				
4	4	600	212				
5	5	740	212				
6	6	880	492				
7	7	1020	632				
8	8	1160	632				
9	9	1300	632				
10	7	3	1440	632	1192		
11	7	4	1580	632	1192		
12	7	5	1720	632	1192		
13	8	5	1860	632	1332		
14	9	5	2000	632	1472		
15	7	8	2140	632	1612		
16	7	9	2280	632	1612		
17	8	9	2420	632	1752		
18	9	9	2560	1052	1892		
19	9	4	6	2700	1052	1472	2312
20	9	6	5	2840	1052	1752	2312
21	9	7	5	2980	1052	1892	2452



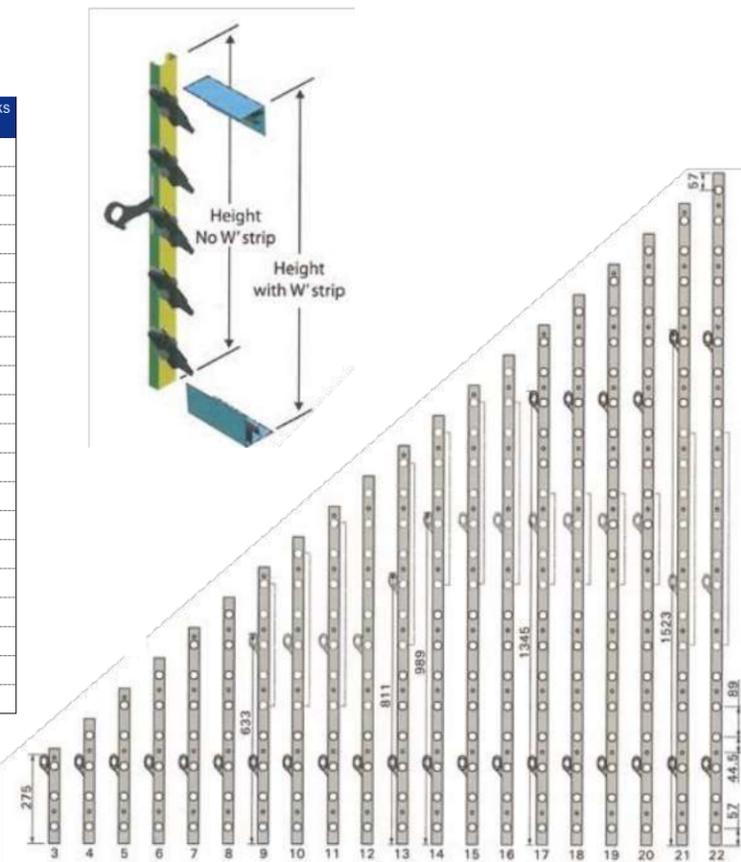
Note :

- Additional handles can be specified or relocated to another position. Each handle can operate a maximum of nine dips including at least one clip directly below the handle. Relocated keylocks are not available.

Louvre Gallery Heights And Handle Positions

Palmair™ 102mm Standard Handle

NO. of Blades	Height(mm) No W'strip	Height(mm) No W'strip	Blades Controlled in Banks from Sill Upwards		
3	292	297	3		
4	384	386	4		
5	470	475	5		
6	559	564	6		
7	648	653	7		
8	737	742	8		
9	826	831	4	5	
10	915	920	4	6	
11	1004	1009	4	7	
12	1093	1098	4	8	
13	1182	1187	6	7	
14	1271	1276	8	6	
15	1360	1365	8	7	
16	1449	1454	8	8	
17	1538	1543	8	4	5
18	1627	1632	8	4	6
19	1716	1721	8	4	7
20	1805	1810	8	4	8
21	1894	1899	6	8	7
22	1983	1988	6	8	8



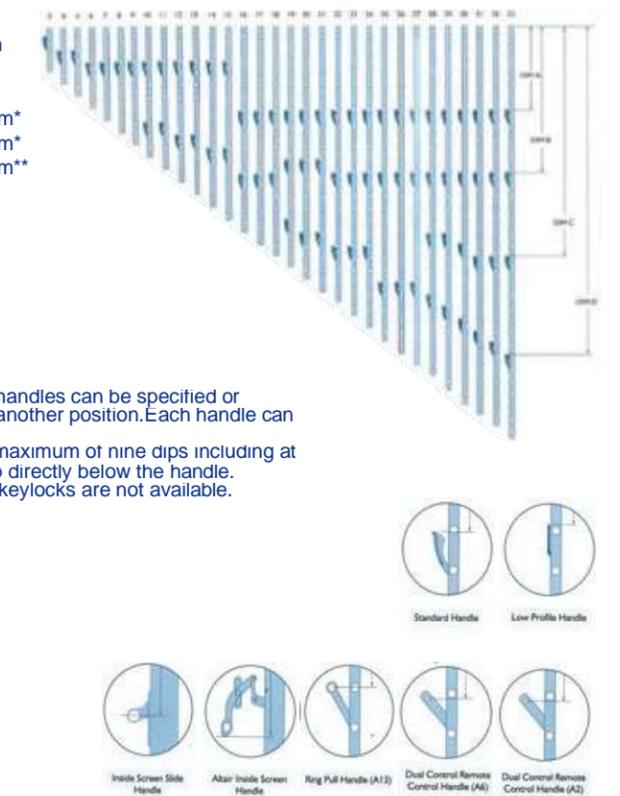
Altair® 102 Louvre Standard Handle Positions

Formulas For Other Handle Positions

1. Low profile Handle Position
2. Inside Screen Slide Handle Position
3. Inside Screen Handle Position
4. Ring Handle Position
5. Single Control Remote Control
6. Dual Control Remote Control

=Standard Handle Position-8mm  
 =Standard Handle Position+3mm  
 =Pleasecall Breezway Sales for more information  
 =Standard Handle Position+15mm\*  
 =Standard Handle Position+15mm\*  
 =Standard Handle Position+42mm\*\*

NO. of Blades	Banks of Blades Controlled from Head Downward	Channel Length	Dim A	Dim B	Dim C	Dim D			
3	3	310	88						
4	4	400	178						
5	5	490	178						
6	6	580	268						
7	7	670	268						
8	8	760	268						
9	9	850	268						
10	6	4	940	268	718				
11	6	5	1030	268	718				
12	6	6	1120	268	808				
13	6	7	1210	268	808				
14	7	7	1300	268	898				
15	7	8	1390	268	1078				
16	9	7	1480	628	1078				
17	9	8	1570	628	1078				
18	9	9	1660	628	988	1438			
19	9	5	5	1750	628	988	1528		
20	9	5	6	1840	628	988	1528		
21	9	5	7	1930	628	1078	1618		
22	9	6	7	2020	628	1078	1618		
23	9	7	8	2110	628	1078	1618		
24	9	6	9	2200	628	1078	1888		
25	9	9	7	2290	628	1078	1888		
26	9	9	8	2380	628	1078	1888		
27	9	9	9	2470	628	1078	1528		
28	9	6	4	9	2560	628	1078	1528	1978
29	9	6	5	9	2650	628	1078	1618	2068
30	9	7	5	9	2740	628	1078	1708	2158
31	9	7	6	9	2830	628	1078	1708	2248
32	9	7	7	9	2920	628	1078	1708	2338
33	9	7	8	9	3010	628	1078	1708	2428



Note :

- Additional handles can be specified or relocated to another position. Each handle can operate a maximum of nine dips including at least one clip directly below the handle. Relocated keylocks are not available.

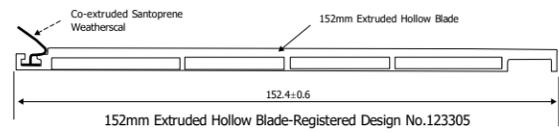
**Extruded Aluminium Blades**

Extruded Hollow Blades are available in Polyester powder paint finishes (minimum 50 micron finish) to a standard colour range or Anodised (minimum 1.5 micron finish). Unique finishes are available on request

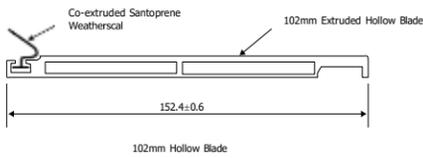
**Perf or mance**

This louvre blade with weatherseal conforms to NATA certifications covering water penetration to AS-2047. Refer to Palmair T M product performance warranty for details

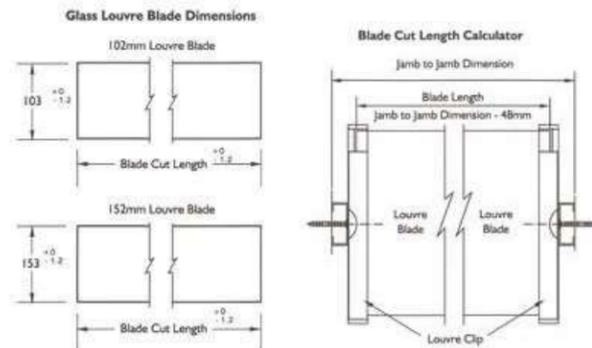
**152mm Extruded Hollow Blade**



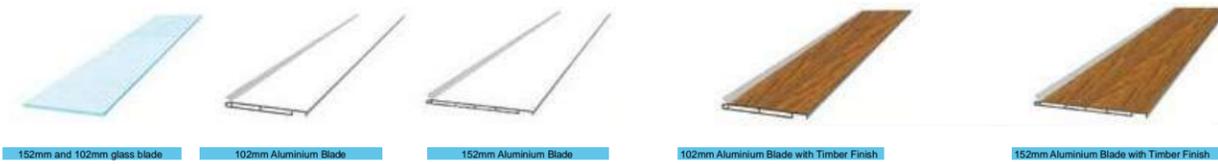
**102mm Extruded Hollow Blade**



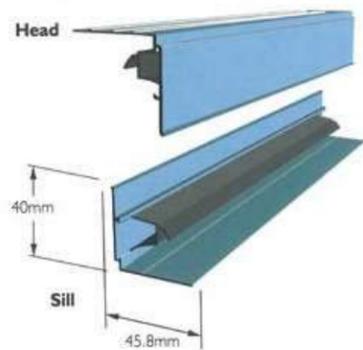
**Blade Dimensions**



**Palmair™ Louvre Blades**

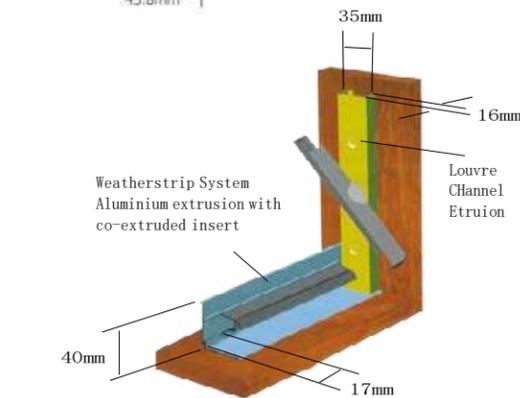


**Palmair™ Louvre WEATHERSTRIP**



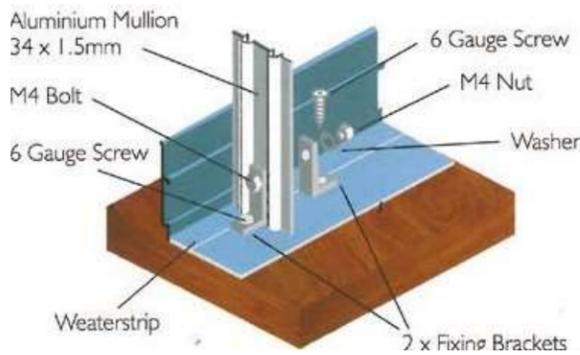
**Notes:**

Weatherstrip for Head and Sill must be used to gain manufacturer's Performance Warranty .  
Palmair™ Louvre Gallery is positioned on top of the weatherstrip, adding 5mm to the overall internal window height 35mm



Corner of louvre Window Assembly Detail

**Fixing Brackets for Palmair™ Mullions**



Bracket Details for light Duty Mullion



**Standard Handle**



Designed to fit the contours of the human hand for easy use.

**Low Profile Handle**



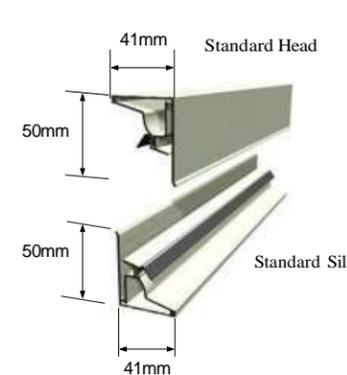
Low Profile Handle is design for bi-fold and same sliding doors. The unique shape and styling provides a slim line and functional fit that won't snag curtains or get in the way of blinds.

**Ring Pull Handle**

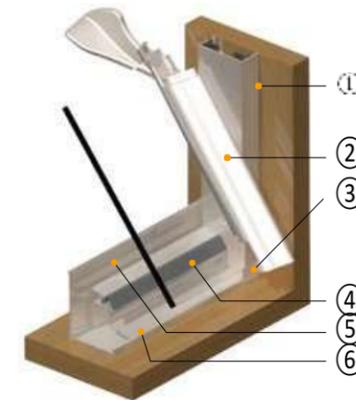


Ring pull handle are offered for up-high and out-of-easy-reach louve placement.

**Standard Height Louvre Weatherstrip**



- ① Gallery mounts onto top of weatherstrip
- ② Clip
- ③ Corner of weatherstrip notched for drainage



- ④ Co-extruded Weatherseal
- ⑤ Weatherstrip
- ⑥ Aluminium Weatherstrip insert

**Map Rod**



Map rod used in conjunction with the ring pull handle when installed out of arm's reach. \*2m, 3m and 4m set lengths \*1.8m-3.6m telescopic length

000	001	002	003	004	005
1x1 Hollow	3/8 Plug	1 1/2 Skid	Stopper	Grill Bracker	Grill Inner
500 pcs/pkt	1,000 pcs/pkt	1,000 pcs/pkt	100 pcs/pkt	1,000 pcs/pkt	100 pcs/pkt
Color:Black	Color : Grey / White / Black	Color : White / Black	Color : White / Black	Color : Black	Color : Black

027C	028	029	030	033	036
1 x 3 Outer Corner Bracket(L)	Casemetn T Bracket	Casemetn H Bracket	3/4 x 1 1/4 Handle Bracket	Insert Screen Corner Bracket	Japan Gill Corner
40 pcs/pkt	500 pcs/pkt	1,000pcs/pkt	100pcs/pkt	200pcs/pkt	Bracket With Roller
Color : Grey / Black	Color :Black	Color :Black	Color :Black	Color : Grey / Black	100pcs/pkt
					Color :Black

008	009	011	012	014	015
1 x 1 1/2 Hollow Bracket	Sub Frame Corner Bracket	Insert Screen Button H	Insert Screen Button L	Handle Bracket	1 x 1 Inner
100 pcs/pkt	100 pcs/pkt	1,000 pcs/pkt	1,000 pcs/pkt	100 pcs/pkt	100 pcs/pkt
Color : Black	Color : Black	Color : White	Color : White	Color : Black/White/Grey	Color : Black

037	040	041	042	045	048
Japan Gill Corner	Grill Outer Frame	Grill Outer Frame	Grill Outer Frame	Basin Cabinet Door	Basin Cabinet Door
Bracket Without Roller	Corner Bracket	Corner Bracket	Corner Bracket	Corner Bracket	Corner Bracket
100pcs/pkt	100pcs/pkt	Color : Grey / Black	Color : Grey / Black	40pcs/pkt	40pcs/pkt
Color : Black	Color : Grey / Black	100pcs/pkt	100pcs/pkt	Color : Black	Color : Black

015C	016	016C	017	017C	018
1 x 1 Outer Corner Bracket	3/4 x 1 1/4 Inner Corner Bracket	3/4 x 1 1/4 Outer Bracket	3/4 x 1 1/2 Inner Bracket	3/4 x 1 1/2 Outer Bracket	3/4 x 1 3/4 Inner Bracket
100 pcs/pkt	100 pcs/pkt	100 pcs/pkt	100 pcs/pkt	112 pcs/pkt	80 pcs/pkt
Color : Grey / Black	Color : Black	Color : Grey / Black	Color : Black	Color : Grey / Black	Color : Black

047	050	051C	052	054	055
Casement	1 1/4 x 2 1/2	1 1/2 Skid	New Basin Cabinet	LB Cabinet Bracket	SKB Cabinet Bracket
Inter Bracket	Casement Outer Bracket	PMB L Corner Bracket	Door Corner Bracket	Price : ¥ 100-200	Price : ¥ 100-200
100pcs/pkt	100pcs/pkt	100pcs/pkt	64pcs/pkt	100pcs/pkt	100pcs/pkt
Color : Black	Color : Black	Color : Black	Color :Grey/ Black	Color : Black	Color : Black

018C	019	020	022	023	024
3/4 x 1 3/4 Outer Bracket	1 x 1 1/2 Inner Bracket	1 x 3 Hollow Brackerk	1 x 2 1/2 Hollow Brackerk	1 x 2 Hollow Brackerk	1 x 1 1/2 Outer Corner Bracket
98 pcs/pkt	80 pcs/pkt	100 pcs/pkt	100 pcs/pkt	100 pcs/pkt	100 pcs/pkt
Color : Grey / Black	Color : Black	Color : Black	Color : Black	Color : Black	Color : Grey / Black

056	340	340C	340C Clon	341	341C
New Cabinet Bracket	Three Way Bracket	Three Way Bracket	Three Way Bracket	Three Way Brack	Super Cabinet Bracket
(045&048)	Color : Grey / Black	Color : Grey / Black	Color : Chrome	Color : Grey / Black	50pcs/pkt
60pcs/pkt	60pcs/pkt	60pcs/pkt	60pcs/pkt	50pcs/pkt	Color : Grey / Black
Color : Grey					

024C	025	025C	026	026C	027
1 x 1 1/2 Outer Corner Bracket	1 x 2 Outer Corner Bracket	1 x 2 Outer Corner Bracket	1 x 2 1/2 Outer Corner Bracket(L)	1 x 2 1/2 Outer Corner Bracket	1 x 3 Outer Corner Bracket(L)
80 pcs/pkt	60 pcs/pkt	60 pcs/pkt	48 pcs/pkt	48 pcs/pkt	40 pcs/pkt
Color : Grey / Black	Color : Grey / Black	Color : Grey / Black	Color : Grey / Black	Color : Grey / Black	Color : Grey / Black

350	351	380	057	058	059
Corner Bracket Grill	Grill Corner Bracket	Super Cabinet Bracket	1 x 2	1 x 2 1/2	1 x 3
With Swing Door	200pcs/pkt	100pcs/pkt	Inter Corner Bracket	Inter Corner Bracket	Inter Corner Bracket
20pcs/pkt	Color : Grey / Black	Color :Black	60pcs/pkt	50pcs/pkt	40pcs/pkt
Color : Black			Color :Black	Color :Black	Color :Black



V 015

1" x 1 1/2" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 018

1" x 1 1/2" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 009

1" x 1 1/2" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 010

1" x 1 1/2" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 011

1" x 3" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 014

1" x 4" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 013

1 6/8" x 3" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 016

2" x 4" Cover Bracket  
Color:Black/Grey/White  
50 ocs/pkt



V 012

1 1/2 x 4" Cover Bracket  
Color:Black/Grey/White  
50 ocs/pkt



V 017

2" x 2" Cover Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 019

3/4" x 2" Hollow Bracket  
Color:Black  
100 ocs/pkt



V 001

Cabinet Board Insert Bracket  
Color:Black  
100 ocs/pkt



V 007

Casement Bracket  
Color:Black/Grey/White  
200 ocs/pkt



V 006

Casement Bracket  
Color:Black/Grey/White  
100 ocs/pkt



V 008

Cabinet L Bracket  
Color:Black/Grey/White  
100 ocs/pkt

### KD 305-230V Mitre Saw Machine



Origin : Turkey  
Without saw blade  
Motor Warranty 3 Months Only.

### KD 350M-230V/400V Mitre Saw Machine



Origin : Turkey  
C/W : 1 Piece of new Saw Blade 350\*3.2/3.5\*30\*108T  
Motor Warranty 6 Months Only.

### KD 400M-230V/400V Mitre Saw Machine



Origin : Turkey  
C/W : 1 Piece of new Saw Blade 400\*3.8/3.2\*30.108T  
Motor Warranty 6 Months Only.

### FR222-230V Copy Router Machine



Origin : Turkey  
C/W : 1 FLUTE Endmill 4\*25\*8\*60L  
Motor Warranty 2 Months Only.

### FR221S-230V/400V Copy Router Machine



Origin : Turkey  
C/W : 1 FLUTE Endmill 4\*25\*8\*60L  
12 Months warranty against manufacturing defect except wear & tear parts.

### KM211-230V/400V Milling Machine



Origin : Turkey  
Without Cutter  
12 Months warranty against manufacturing defect except wear & tear parts.

MODEL NO	VOLTAGE	DESCRIPTION	PACKING	(RM)/UNIT
KD-305	230V	12" Mitre Saw Machine	1unit/ctn	
KD-350	230V/400V	14" Mitre Saw Machine	1unit/ctn	
KD-400	230V/400V	16" Mitre Saw Machine	1unit/ctn	
KD-222	230V	Copy Router Machine	1unit/ctn	
FR-221-S	230V/400V	Copy Router Machine	1unit/ctn	
MK-211	230V/400V	Milling Machine	1unit/ctn	



MACHINE 1600



Specification & Function  
Punch Hole For LB Section  
& Alcom Section  
Price :

MACHINE 1700



Specification & Function  
Punch Hole For Gap For  
Sliding Window. Open Gap  
"I" Outer Standing  
Price :

MACHINE 1800



Specification & Function  
Open Gap For Std & Eco.  
Sliding Door & Window  
Price :

MACHINE 1900



Specification & Function  
Punch Holes For Inner Frame &  
Open Gaps For Outer Frame &  
Center Mullion Casement Window  
Price :

MACHINE 2000LB  
(SQ)/(R) MACHINE  
2000 PMB



Punch Holes & Open Gaps For  
Multipoint Casement Window  
LB(round) or LB(square) or  
PMB Inner & Outer corner  
Price :

MACHINE 2004LB  
(2in 1) PMB & LB



Punch Holes & Open Gaps For  
Multipoint Casement Window  
Inner & Outer Corner Bracket  
Price :

MACHINE 2100



Specification & Function  
Punch Holes For Casement  
Window Outer Frame  
Price :

MACHINE 2500



Specification & Function  
Open Gap For H Bar  
Price :

MACHINE 2800



Specification & Function  
Punch Holes For Std & Eco.  
Sliding Door & Window  
Price :

W8500 COPY ROUTER MACHINE



Product Details :

It can be utilized for outlining wall materials for aluminum curtains as well as window materials of varied from via openings;utilize the openings by Shape 1:1 template ratio and copy to work. Table takes up casting rugged, absence of deformation,tape feed tool which is exceptionally formed, which can enhance the processing completion and prolonged lifespan of the device.

Technical Parameters

Minimum Bending Radius : 300mm	Maximum Travel Route If Upper Roller : 100m
Maximum Diameter Of Mould : 100mm	Maximum Width Of Upper Roller : 95mm
Diameter Of Roller : 38mm	Operating Voltage : 415V/230V
Driving Mode : Linkage of motor with one gear case	Motor Power : 1.5kw
Working Mode : Manual adjustment	Dimension(LxWxH) : 490x630x1380
Center Distance Of Rollers : 180mm,360mm	Machine Weight : 180kg
Positioning Precision Of Upper Roller : 0.3mm	Price :



M3500A AIR PRESS MINI COPY ROUTER MACHINE



Product

Details

It can be utilized for structuring wall materials of aluminum and window materials of numerous forms via holes.Utilize the holes using Shape 1:1 template; ratio copy router to work.Table takes up casting rugged,no deformation,particularly formed.Tool for speed tape feed.It can enhance the procedure for finishing and prolong durability of device.

Technical Parameters

Table Size : 620x260mm	Drilling Aperture(Porous) : φ3 / φ15mm
Maximum Distance Emdmills Left Right : 230mm	Binder Cylinder Stroke : 0-100mm
Maximum Distance Moves Back & Forth Bet : 80mm	Operating Voltage : 230V
End Mills Speed : 12000r / min	Working Pressure : 0.6-0.8Mpa
Milling Cutter Specifications : φ8	Dimension : 540x650x680
Milling Cutter Specification Available : φ3 / φ5	Feed Info : Manual
Single Hole Minimum Distance(Porous) : 13.5-22mm	Machine Weight : 80kg
Price :	



## CUTTING OFF MACHINE

SD 500(12") / SD 600(16") / SD 1000(20")



**Product Details :**

Mostly put in the use for aluminum, outlines of plastic, materials for manufacture, are materials, windows and doors, materials or splitting curtain wall; it can be utilized for splitting angle as well. Base and housing are spread; selection of Japan carbide saw blades of 20°, guide rail which is imported, elevated speed of line, instant cooling of injector and lubricating, management tools, outside finish, top accuracy, steady feeding with elevated power and outstanding strength. One saw with many angles as a single plant focusing in the progress and circulation. Located at any point of 0-135° and the new set of top vertical working to be finalized by the lengthy structure split, milling and other series of machine splitting. It is able to cater for an assortment of needs for angles splitting, easy functioning, top circuit steadiness, huge inclusion of functioning surrounding.



**Technical Parameters**

Angle Processing Range : 45° & 90°	Blade Size : D500xW4.0xD30x120TxB3.2
Feed Info : Air Pneumatic	The Main Motor Speed : 2840rpm/min
Angle Control Mode : Manual	The Main Motor Work Rate : 2.2kw/3.0kw/380V/50hz
Processing Range : 90 50mmx200mm, 160mmx80mm	Working Pressure : 0.6-0.8Mpa
Set High Slitting Function : 45 75mmx150mm, 150mmx75mm	Dimensions(LxWxH) : 860x720x1450
Length Precision : 0.3mm	(HxW)/Cutting Range(HxW) : 90 (50x203)(152x101), 45 (76x152)(152x76)
Angle Precision : 0.05°	Machine Weight : 350kg
Model : SD 500(12") 415V @ 20,300.00	
Model : SD 600(16") 415V @ 28,000.00	
Model : SD 1000(20") 415V @ 35,700.00	

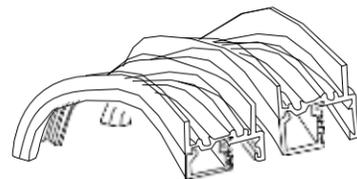
## 1550 CIRCLE BENDING MACHINE

**Product Details :**

Mainly used for bending iron profile, copper profile and aluminium profile, it's the ideal equipment for furniture, iron technique, aluminium windows and doors, as well as decoration steel. Manual profile Arc Bending Machine is the most stable models, it fully solves the problem of inaccurate bending, deformation, surface scratch and crumple, it can realize high precision and nice appearance with easy operation. By adopting special device, it can protect the profiles from deformation and surface scratch.

**Technical Parameters**

Minimum Bending Radius : 300mm	Maximum Travel Route If Upper Roller : 100mm
Maximum Diameter Of Mould : 100mm	Maximum Width Of Profile : 95mm
Diameter Of Roller : 38mm	Operating Voltage : 415V/230V
Driving Mode : Linkage of motor with one gear case	Motor Power : 105kw
Working Mode : Manual adjustment	Dimension(LxWxH) : 490x630x1380
Center Distance Of Rollers : 180mm, 360mm	Machine Weight : 180kg
Positioning Precision Of upper Roller : 0.3mm	Price : RM 12,950.00



## DOUBLE MITRE SAW



Primarily used for cutting aluminium profiles & PVC profiles for aluminium doors & windows, curtain wall etc.

Primarily used for cutting aluminium profiles & PVC profiles for aluminium doors & windows, curtain wall etc.

\*Adopt 5 meter whole length seamless high precision inlet guide bar, ensures the processing precision and stability of machine.

\*Adopt 20° hard alloy saw blade and auto-spray lubricating and cooling system, ensures high cutting linear velocity and high surface finish quality and high accuracy.

\*The two sawing units can machine profiles simultaneously or separately, easy and convenient operating.

\*Mitre angle infinitely adjustable from 45°+~90°-45°-, extended cutting range.

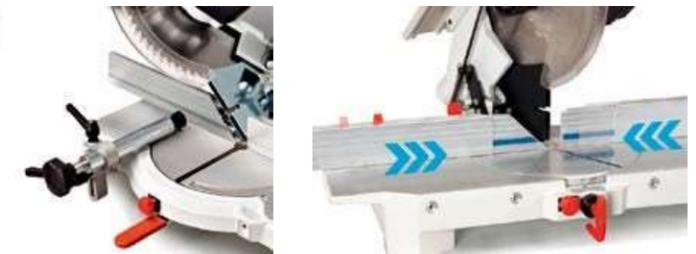
Price :

## OMGA IL300 MITRE SAW



The perfect compromise for accuracy toughness and maneuverability. Positive stops at 45°, 30°, 22° 30' and 15° on both sides of the rotation. A manual locking device for all the intermediate angles provides a great flexibility to this unit. The direct drive transmission an induction motor make of the 1L 300 the ideal tool for heavy duty industrial usage (HM saw blade included).

Price :



**NEW!**

**ALUMINIUM CUTTING**

← 70mm →

← 170mm →

Price : ¥ 100-200

Technical data

Art. XXX Evo  
Code 8.43.60.46  
220V~50Hz 50 single phase motor

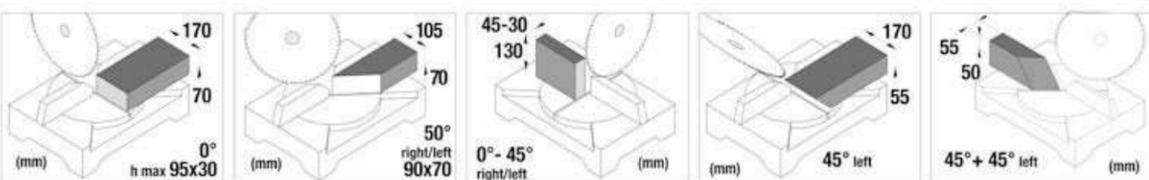
1500 WATT	D305-d30 mm	2850 RPM	630x630x500 mm (a x b x h)	21.5 Kg

Technical features

- Movements on bearings of the turning table, head and joint
- Powerful 1500 Watt induction motor
- **Piece support with sliding kit (INCLUDED)**
- **New transparent protections for the maximum visibility and safety use**
- **New T.P.S. (Three Positions System) handle (Patented)**
- **Micrometric adjustment of the upper working table**
- Release lever with mechanical end stroke
- Cutting angle adjustable at 0° and 50°, right and left, with semi-automatic locking device at 0° - 15° - 22.5° - 30° - 45°
- Adjustable compound cutting angle from 0° to 45° left. Combined mitre and compound cut 45°+45° left

Standard fittings

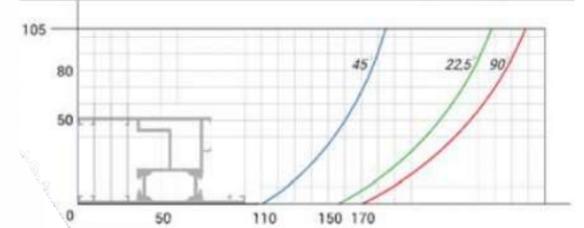
- Aluminium cutting saw blade with Widia inserts and noise dampening-slots
- **Vertical clamp**
- Adjustable bar stop-rod for mass-produced cuts.
- **Sliding Kit**



PORTABLE CUTTING MACHINE (16")



VEGA-I 400 Cutting Diagram



2hp 1.5kw	D400 x d30-32mm	3000 RPM	665a x765b x780h	56 Kg

Price :

PORTABLE COPY ROUTER



0.56hp 0.43kw	D8mm x d5mm	27000 RPM	555a x550b x550h	28 Kg

Price :

## M12 CHZ

M12FUEL™ compact hackzall™



MILWAUKEE CUT LEVEL 5 DIPPED GIOVE



48-22-8951(M)  
48-22-8952 (L)  
48-22-8953(XL)



MILWAUKEE DOOR LOCK INSTALLATION HOLE DOZER™  
HOLE SAW KIT



49-22-4073

MILWAUKEE FASTBACK UTILITY FLIP KNIFE



MILWAUKEE DEMOLITION HAND GLOVE



48-22-8731(M)  
48-22-8732 (L)



MILWAUKEE COMPACT TAPE MEASURE



48-22-7225

MODEL NO	DESCRPTION	VOLTAGE	WEIGHT	PACKING	(RM)/UNIT
M12CHZ-402C	M12 Fuel Compect Hackzall	Fuel 12V	1.6KG	1unit/ctn	
48-22-1901	Fastback Utility Flip Knife			6prs/pkt	
48-22-8951(M)	Cut Level 5 Dipped Glove			6prs/pkt	
48-22-8952(L)	Cut Level 5 Dipped Glove			6prs/pkt	
48-22-8953(XL)	Cut Level 5 Dipped Glove			6prs/pkt	
48-22-8731(M)	Demolition Hand Glove			6prs/pkt	
48-22-8732(L)	Demolition Hand Glove			6prs/pkt	
49-22-4073	Door Lock Installtion hole dozer hole saw kit			2unit/box	
48-22-7225	Compact Tape Measure			6nos/box	

## M18 FMS254

M18 FUEL™ mitre saw



## M18 CHX

M18 FUEL™ SDS-plus hammer



## M18 CHM

M18 FUEL™ 5kg SDS-Max drilling and breaking hammer



## M18 CHPX

M18 FUEL™ high performance sds-plus hammer drill hammer



## M12 CH

M12 FUEL™ compact SDS hammer



MODEL NO	DESCRIPTION	VOLTAGE	CAPACITY	CLAMPING TOOLS	IMPACT ENERGY	WOOD/STEEL /CONCRETE	WEIGHT	PACKING	(RM)/UNIT
M18FMS254	M18 Fuel Mitre Saw	Fuel 18V	9.0AH				20KG	1unit/ctn	
M18CHM-902C	M18 Fuel SDS-Mrx Drilling & breaking hammer	Fuel 18V	9.0AH				6.6KG	1unit/ctn	
M18CHX-502	SDS-plus Hammer	Fuel 18V	5.0AH	SDS-Plus	2.5J	30/13/26mm	3.5KG	1unit/ctn	
M18CHPX-502	SDS-plus Hammer	Fuel 18V	5.0AH	SDS-Plus	4.3J	30/13/26mm	4.3KG	1unit/ctn	
M12CH-402C	M12 Fuel Compact SDS Hammer	Fuel 12V	4.0AH		1.1J	13/10/13mm	1.9KG	1unit/ctn	

## M18 CSX

M18 FUEL™ SAWZALL®



## M18 CAG100XPDB

M18 FUEL 100mm angle grinder With Paddle switch



## M12 FID

M12 FUEL™ sub compact 1/4" Hex impact driver



## M18 FPD

M18 FUEL™ percusslon drill



## M12 FPD

M12 FUEL™ sub compact 2-speed percusslon



MODEL NO	DESCRIPTION	VOLTAGE	CAPACITY	WOOD/STEEL/CONCRETE	WEIGHT	PACKING	(RM)/UNIT
M18CSX-502B	M18 Fuel Mitre Saw	Fuel 18V	5.0AH		4.1KG	1unit/ctn	
M18CAG 100XPDB	M18 Fuel 100mm angle grinder wt Paddle switch	Fuel 18V	5.0AH		2.6KG	1unit/ctn	
M18FPD-502B	M18 Fuel Drill Driver	Fuel 18V	5.0AH	45/13mm	2.5KG	1unit/ctn	
M12FPD-602C	M12 Fuel Sub compact 2-speed Percussion	Fuel 12V	6.0AH	35/13mm	1.5KG	1unit/ctn	
M12FID-602C	M12 Fuel Sub compact 1/4" Hex Impact Driver	Fuel 12V	6.0AH		1.3KG	1unit/ctn	

## Red Line Cross Liner Laser

### Specifications

- Laser wavelength: 635nm
- Laser class: Class II / Class III
- Accuracy: ±0.2mm/m (1° vial range)
- Leveling range: ±3°
- Temperature range: -10°C ~ +45°C
- Power: 3\*AA batteries (or adapter or mini USB power)
- Low voltage indication: power indication LED flash
- Size: φ3 15/16"x8 8/16" (φ100X216mm)
- Weight: 2.54lbs (1.15kg)

### Features

- LS639S Output 5 laser lines and one plumb down laser dot
- LS639SD Output 5 laser lines and 3 laser dots
- Form 2 cross laser lines
- Compatible both indoor and outdoor applications, switchable between the continuous and pulse laser
- Self-leveling, laser flash and sound indication when beyond self-leveling range
- Able to shield warning function and use for tilt purpose
- Able to rotate by 360° freely and the rotating angle can be fine adjusted
- The height of support legs can be fine adjusted
- Able to connect with the tripod through 5/8" screw thread

Price :



## Green Line Cross Liner Laser

### Specifications

- Laser wavelength: 520nm
- Laser class: Class II
- Accuracy: ±0.2mm/m (1° vial range)
- Leveling range: ±3°
- Temperature range: 0°C ~ +40°C
- Power: Li battery box or power adapter
- Low voltage indication: power indication light flash
- Size: φ3 15/16"x8 11/16" (φ100X220mm)
- Weight: 2.76lbs (1.25kg)

### Features

- Traditional pressing button, with pulse function
- LS686S Output 5 laser lines and 1 laser dot
- LS686SD Output 5 laser lines and 3 laser dots
- Form 2 cross laser lines
- Compatible for both indoor and outdoor applications
- Self leveling, laser flash and sound indication when beyond leveling range
- Able to shield alarming function and use for tilt purpose
- Height can be fine adjusted by supporting leg of tripod base
- All metal base
- 360° two way fine adjustable

Price :



## Battery Drill-O



Code : ZDR-O

## Air Riveter



## Freud



Code : SB-F  
Aluminium Saw Blade  
Available Size: 10" / 12" / 14" / 16" / 20" / 24" / 30"

## Wagen



Code : SB-W  
Aluminium Saw Blade  
Available Size: 10" / 12" / 14" / 16" / 20" / 24"

Canada Metal Stud Plier



Code : PPLY-C  
Price :

Keemax Partition Plier



Code : PPLY-K  
Price :

Aviation Snip



Code : ZPLY-AV  
Price :

Picus Hand Riveter



Code : RIHR-007  
Price :

HG-038 Heavy Duty Hand Riveter



Code : RIHR-HG038  
Price :

HG-035 Hand Riveter



Code : RIHR-HG035  
Price :

Setting Block Cutter-S



Code : SBC-S

Setting Block Cutter-M



Code : SBC-M  
Price :

Setting Block Cutter-B



Code : SBC-B  
Price :

Trade Wall Stripper



Code : TRW-4  
Price :

Murata Concrete Nail(Japan)



Size : 14 x 3/4"  
Code : CN1406  
Packing : 50 box / ctn Price : RM

Self Tapping Screw



Available : Flat Head / Pan Head  
Material : Zinc Nickel & Stainless Steel SUS 304  
Code : SC

Self Drilling Screw



Available : Flat Head / Pan Head  
Material : Zinc Nickel & Stainless Steel SUS 304  
Code : SDP

Ruspert Screw Self Tapping Screw



Code : SC-R

Ruspert Screw Self Drilling Screw



Code : SDP-R

Screw Driver Bit



Code : SDB  
Available : 2 x 65mm / 2 x 110mm  
Price :

Hyda Step Drill



Size : 4-12mm  
Code : GSD-HYDA  
Price :

Ceramic Drill



Code : GCD-  
Available size : 6mm / 8mm / 10mm

Ceramic Drill Cross



Code : GCD-CR  
Available size : 6mm / 8mm / 10mm

Measuring Tape



Code : ZMT-

Cutter Knife



Code : ZCUT-K  
Price :

Cutter Blade Cross



Code : ZCUT-B  
Packing : 10 Pcs / Pkt  
200 Pcs / Box Price :

ALUMINIUM BLIND RIVETS



Available in color : NA / MB / White / Black

CODE	SIZE	COLOR	QUANTITY	(RM)/BOX
RIP42-NA	RIVET1/8"X1/4"	NA	20K/CTN	
RIP43-na	RIVET1/8"X5/16"	NA	20K/CTN	
RIP44-NA	RIVET1/8"X3/8"	NA	20K/CTN	
RIP46-NA	RIVET1/8"X1/2"	NA	20K/CTN	
RIP412-NA	RIVET1/8"X1"	NA	10K/CTN	
RIP54-NA	RIVET5/32"X3/8"	NA	10K/CTN	
RIP56-NA	RIVET5/32"X1/2"	NA	10K/CTN	
RIP64-NA	RIVET3/16"X3/8"	NA	10K/CTN	
RIP66-NA	RIVET3/16"X1/2"	NA	10K/CTN	
RIP42-MB	RIVET1/8"X1/4"	MB	20K/CTN	
RIP44-MB	RIVET1/8"X3/8"	MB	20K/CTN	
RIP46-MB	RIVET1/8"X1/2"	MB	20K/CTN	
RIP54-MB	RIVET5/32"X3/8"	MB	10K/CTN	
RIP56-MB	RIVET5/32"X1/2"	MB	10K/CTN	
RIP42-WH	RIVET1/8"X1/4"	WHTRE	20K/CTN	
RIP44-WH	RIVET1/8"X3/8"	WHTRE	20K/CTN	
RIP42-BLK	RIVET1/8"X1/4"	BLACK	20K/CTN	
RIP43-BLK	RIVET1/8"X5/16"	BLACK	20K/CTN	
RIP44-BLK	RIVET1/8"X3/8"	BLACK	20K/CTN	
RIP44-NAF	RIVET1/8"X3/8"(FLAT)	NA	20K/CTN	
RIP54-NAF	RIVET5/32"X3/8"(FLAT)	NA	10K/CTN	
RIP56-NAF	RIVET5/32"X1/2"(FLAT)	NA	10K/CTN	
RIP64-NAF	RIVET3/16"X3/8"(FLAT)	NA	10K/CTN	
RIP66-NAF	RIVET3/19"X4/8"(FLAT)	NA	10K/CTN	

E6800

E6800 SERIES CARD INTELLIGENT LOCK



TECHNOLOGY

- Stainless steel mortise, National standard dimension.
- Stainless Steel panels and handles, sturdy and durable.
- Intelligent voice guidance function.
- Spare mechanical key with ultra clockcore.
- Low voltage alarm function, Spare power interface.
- High frequency password screen, with anti-peeking password inputting function.



4585



3585



3585

TECHNOLOGY

Card technology	Mifare 1 RF card
User capacity	100 passwords, 800 card
working voltage	DC6V, DC battery
Working temperature	-20~+70°C
Working humidity	40%~85%RH
Frequency	13.56MHz
Card Modle	Standard formula, Buttoning style, Thin Film style
Power Consumption	Static current: ≤ 20uA, Dynamic current: ≤ 200mA
Password length	6-10 6-10digits
Door Thickness	Door thickness for 40-120mm