



## STAINLESS STEEL MANUAL FLUSH BOLT

### MP-4A00 SERIES - TIMBER DOOR

MODEL	SIZE	FINISH
MP-4A	06=6"	SS
	08=8"	PS
	12=12"	PVD/PB
		AB

<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	LEVER ACTION BOX TYPE FLUSH BOLT
<b>SIZE:</b>	6"8"and 12"
<b>FINISH :</b>	US3/US5/US32/US32D



### MP-4900 SERIES - TIMBER DOOR

MODEL	SIZE	FINISH
MP-49	06=6"	SS
	08=8"	PS
	12=12"	PVD/PB
		AB

<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	SPRING PUSH BUTTON TYPE FLUSH BOLT
<b>SIZE:</b>	6"8"and 12"
<b>FINISH :</b>	US3/US5/US32/US32D



### MP-DB00 SERIES - METAL DOOR

MODEL	SIZE	FINISH
MP-DB	06=6"	SS
	08=8"	PS
		PVD/PB
		AB

WITH 12" STEEL ROD

<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	LEVER ACTION FLUSH BOLT WITH 12" STEEL ROD
<b>SIZE:</b>	6" & 8" + STEEL ROD 12" WITH LENGTH OPTION
<b>FINISH :</b>	US3/US5/US32/US32D

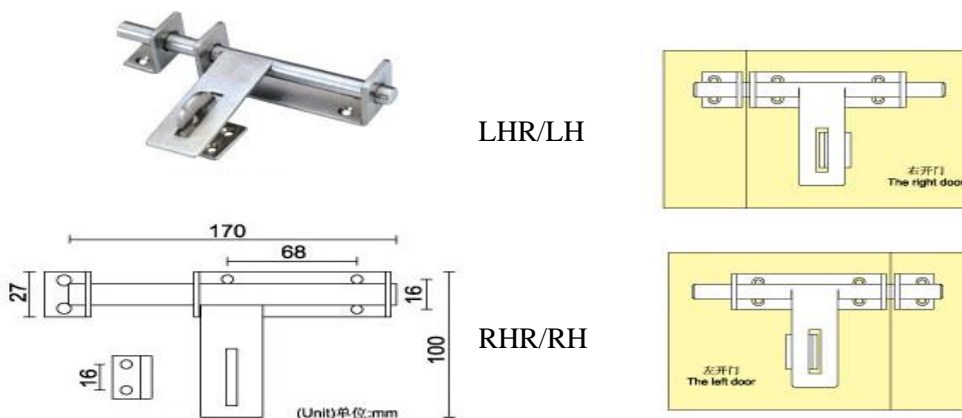




**STAINLESS STEEL FOOT / BARREL BOLT**

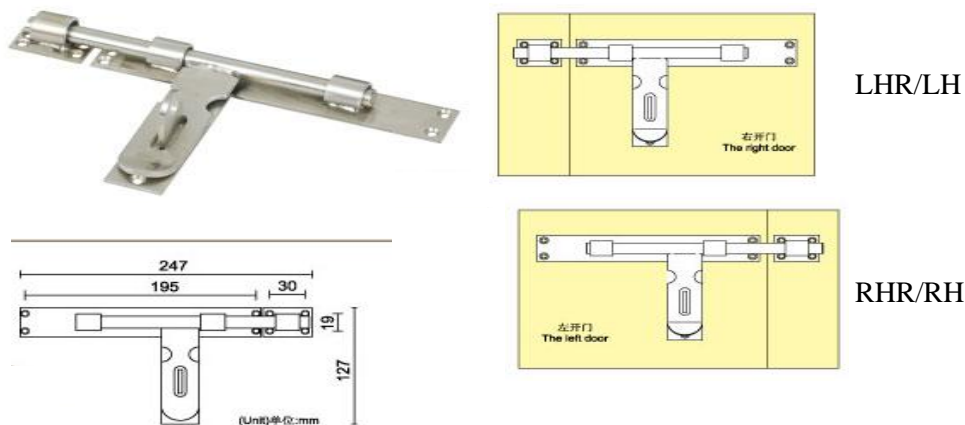


**MP-BBQ2.170.FIN - TIMBER / METAL DOOR**



<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	SURFACE MOUNTED BARREL BOLT
<b>SIZE:</b>	170MM
<b>FINISH :</b>	SATIN / POLISHED STAINLESS STEEL

**MP-BBQ2A.247.FIN - TIMBER / METAL DOOR**



<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	SURFACE MOUNTED BARREL BOLT
<b>SIZE:</b>	247MM
<b>FINISH :</b>	SATIN / POLISHED STAINLESS STEEL

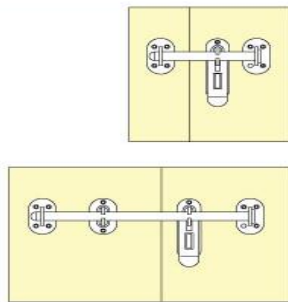
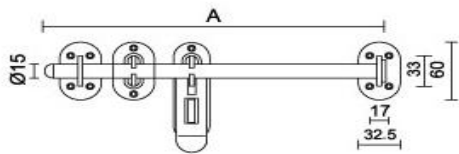


**STAINLESS STEEL FOOT / BARREL BOLT**

**MP-BBQ1.SIZE.FIN - TIMBER / METAL DOOR**

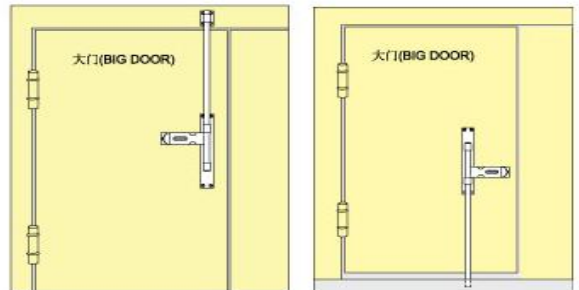
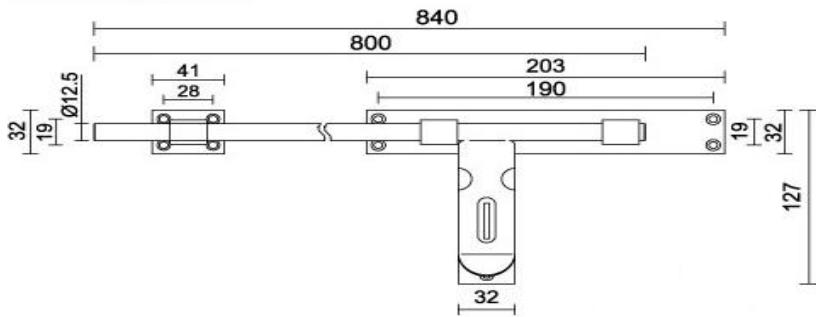


Model	Size / mm
BBQ1- 150	150
BBQ1- 200	200
BBQ1- 250	250
BBQ1- 300	300
BBQ1- 450	450
BBQ1- 600	600



<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	SURFACE MOUNTED BARREL BOLT
<b>SIZE:</b>	150/200/250/300/450/600mm
<b>FINISH :</b>	SATIN / POLISHED STAINLESS STEEL

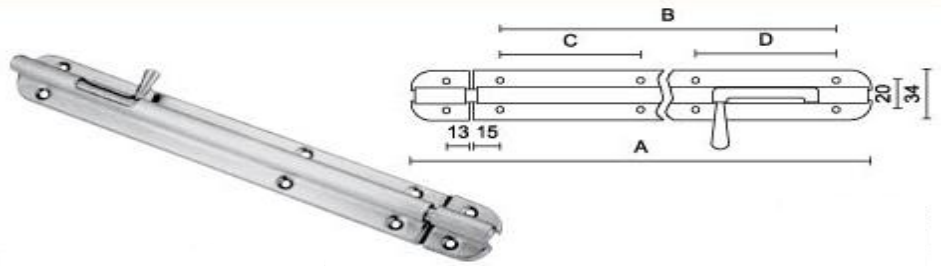
**MP-BBQ1.840.SS - TIMBER / METAL DOOR**



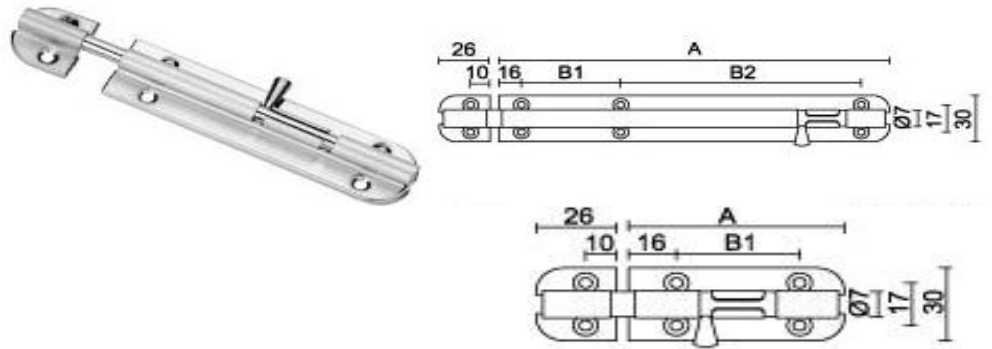
<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	SURFACE MOUNTED BARREL BOLT
<b>SIZE:</b>	840mm
<b>FINISH :</b>	SATIN / POLISHED STAINLESS STEEL



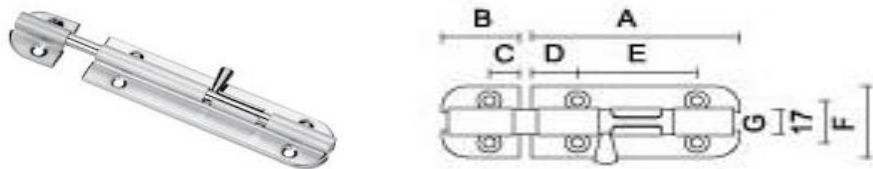
MP-BBEA-SIZE-FIN - TIMBER DOOR



Model	A	B	C	D	ROD
BBEA450	450	385	90	100	7
BBEA400	400	325	80	80	7
BBEA240	240	205	60	NA	7
BBEA185	185	115	NA	NA	7



Model	A	B1	B2	ROD
BBEA250	250	70	145	7
BBEA200	200	70	95	7
BBEA150	150	115	NA	7
BBEA125	125	90	NA	7

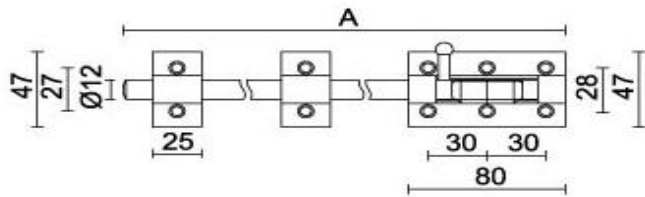


Model	A	B	C	D	E	F	G
BBEA090	90	26	10	16	58	30	7
BBEA070	70	26	10	16	40	30	7
BBEA050	50	16	6	8	34	26	6



**STAINLESS STEEL FOOT / BARREL BOLT**

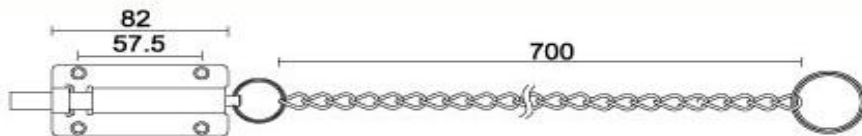
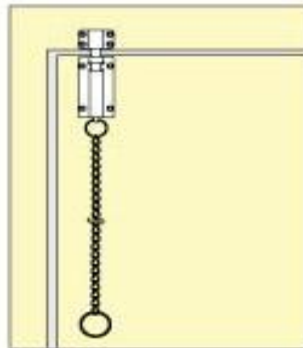
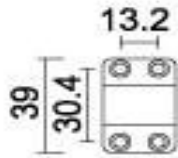
**MP-BBEC.SIZE.FIN - TIMBER / METAL DOOR**



Model	LENGTH	DIA.
BBEC450	450	12
BBEC300	300	12
BBEC200	200	12
BBEC150	150	12

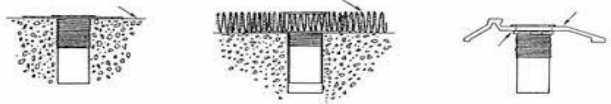
<b>MATERIAL :</b>	STAINLESS STEEL
<b>DESCRIPTION :</b>	SURFACE MOUNTED BARREL / FOOT BOLT
<b>SIZE :</b>	AS TABLE ABOVE
<b>FINISH :</b>	SATIN / POLISHED STAINLESS STEEL

**MP-BBED.700.SS - SPRING BOLT WITH CHAIN**



# MARCO POLO ARCHITECTURAL HARDWARE

Dust proof strike is made of brass/stainless steel with spring plunger, design for preventing dirt from accumulating in the hole and cause trouble when locking the bolt. Tension strength of plunger and size of strike is calibrated for use on different type of bolts.



M01-5639-FIN



MODEL	MATERIAL	HOLE	DEEP	FACEPLATE	
M01-DP01-FIN	BRASS				MM
M01-DP02-FIN	BRASS				MM
M01-5639-FIN	STAINLESS STEEL		36		MM
M01-5646-FIN	STAINLESS STEEL		46		MM

## DUST PROOF STRIKE



# AUTOMATIC FLUSH BOLT



**When active door is opened, inactive door is free  
Don't care how high of the door, it can be locked.**

## WOOD DOOR



M01-0149-FIN

FINISH

CERTIFICATION

## STEEL DOOR



M01-0149M-FIN

STANDARD US32D / US3,  
US5, US10B

US 10B & 10C LISTED

### Feature

- Reversible, non-handed
- Steel body with stainless steel components
- Override feature, prevents damage to doors
- 5 Lbs force to actuate mechanism, meets ADA requirement
- Fits standard and ANSI preparation for wood and metal doors
- Specially designed thermal lock automatically locks inactive door in case of fire
- UL Listed for (A, B, C, D and E Label) metal fire doors, maximum 8' in height. Conforms to UL10C and UBC 7-2-1997
- UL Listed for (B, C, D and E Label) wood composite core fire doors, maximum 8' in height. Conforms to UL10C and UBC 7-2-1997

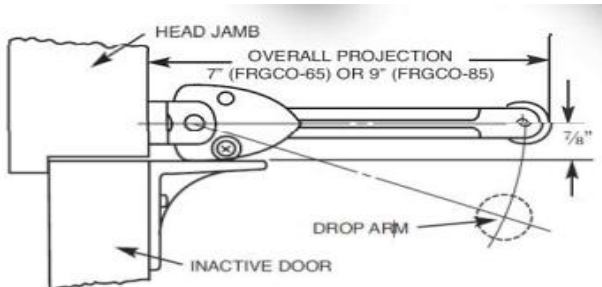
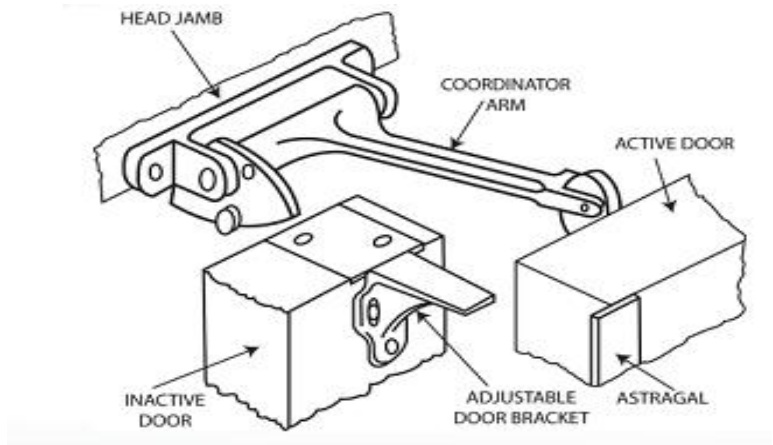
# DOOR COORDINATORS

**M01-DORCO-2-FIN**

**M01-DORCO-3-FIN**



GRAVITY ACTION ARM DOOR COORDINATORS ARE FOR DESIGNED FOR PREVENTING ACTIVE DOOR CLOSING BEFORE THE ACTIVE DOOR, USED ON DOUBLE LEAVES DOOR.



MODEL	MATERIAL	PROJECTION
M01-DORCO2-	FORGED BRASS	6-1/2" 165MM
M01-DORCO3-	FORGED BRASS	8-1/2" 216MM

FINISH	STANDARD US26D / US3, US5, US10B
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## Feature

BHMA4.1.1 TYPE 211 ANSI 156.3

UL 10B/10C LISTED SUIT FOR 3 HOURS FIRE RATED DOOR

TO BE USED WITH AUTOMATIC FLUSH BOLT FOR FULLY AUTOMATIC LOCKING

NYLON ROLLER OR SHORT ARM GLIDES SMOOTHLY OVER DOOR BRACKET AND STRIKE FOR SILENT OPERATION



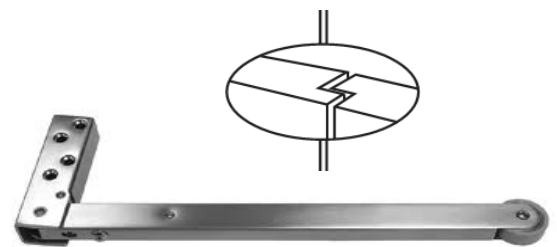
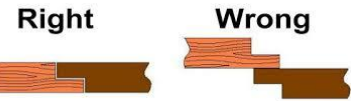
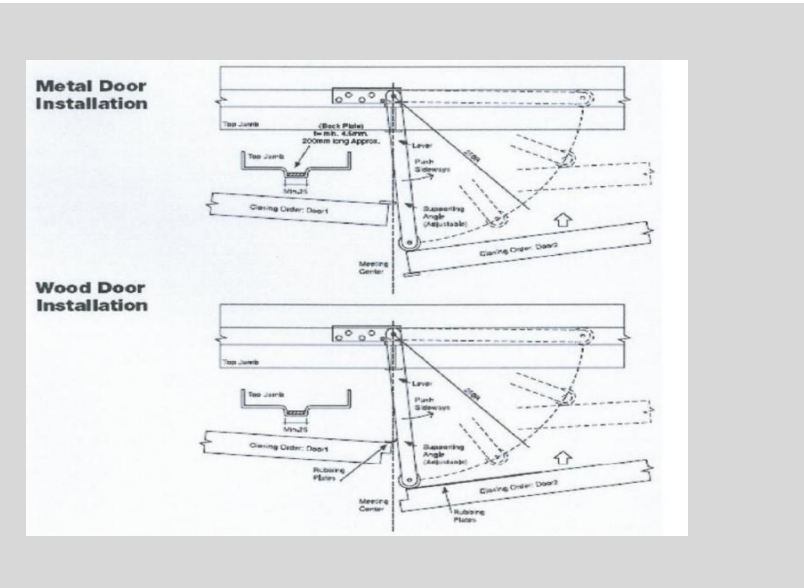


# DOOR COORDINATORS

**M01-D70-SS**

STAINLESS STEEL LIGHT DUTY INVISIBLE DOOR COORDINATOR WITH 250/280 MM LENGTH

Door coordinator is essential hardware for door consecutive closing on double leaves door. Most of the fire rated or exit doors are requested self closing / locking. Marco Polo door coordinator is designed, for double leaves rebated door, to hold the active rebated door leaf as to avoid the rebated door overlapping.



Door co-ordinator devices to **BS EN 1158** **M01-EN1158-SA**

**• BS EN 1158 - Door coordinator devices (Door selectors)**

The standard provides details on product types, classification by use, test cycles, door mass, corrosion resistance, as well as definitions, product performance requirements, test apparatus, test methods and marking of products. In addition, the published standard includes annexes illustrating the various points made through diagrams and supplementary text.



Door coordinator size	Test door leaf mass kg	Recommended door leaf width max. mm	Distance between hinge centrelines max. mm
3	60	950	1900
4	80	1100	2200
5	100	1250	2500
6	120	1400	2800
7	160	1600	3200

**• EXAMPLE:**

The following marking denotes a door coordinator device suitable for a range of door closer power sizes from 4 to 6, for use on fire doors and with moderate resistance to corrosion.



# DOOR COORDINATORS



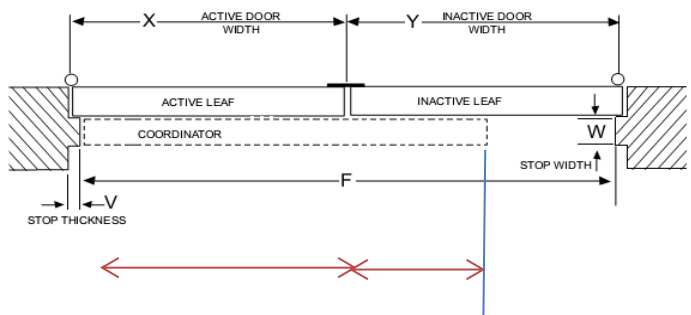
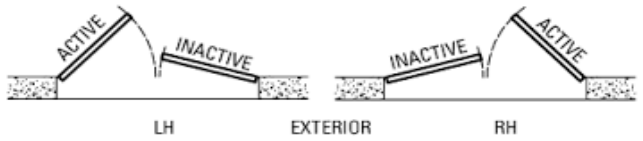
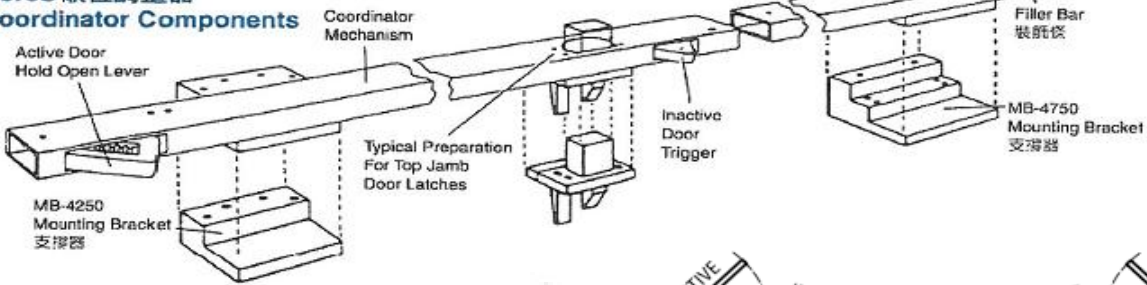
CONCEALED SURFACE MOUNTED



## Stop-Applied Coordinators



## Dorco 順位調整器 Coordinator Components

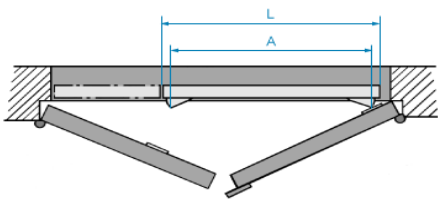


## HOW TO SPECIFY THE LENGTH OF DORCO1

1. Start with the active door size (X).
2. Next consider the overall frame opening between stops (F).
3. Preferably, the coordinator would equal the active door width (X) + approximately 1/2 inactive door width (Y). Keep in mind the coordinator must be 6" longer than the active door width (X) and less than the overall frame opening between stop (F).

## EXAMPLE A - DORCO1-42

- Pair of 30" Doors, 5/8" Stops  
Active Door Size, X = 30"  
Overall Frame Opening between Stops, F = 58-3/4"



## EXAMPLE B - DORCO1-52

- Pair of 36" Doors, 5/8" Stops  
Active Door Size, X = 36"  
Overall Frame Opening between Stops, F = 70-3/4"

## FILLAR BAR

