

# EURO SLIDES, REAR BRACKETS



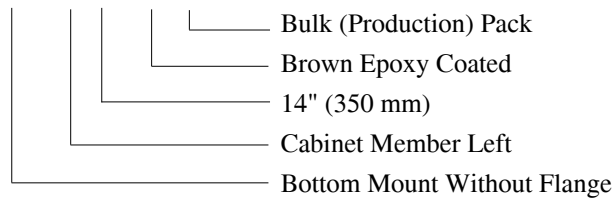
30-Nylon Extension Brackets, Components  
 550-31-Bottom Mount With Flange Slides  
 550-32-Bottom Mount Without Flange Slides  
 550-33-Side Mount With Flange Slides

550-34-Side Mount Without Flange Slides  
 550-35-Self Closing Bottom Mount With Flange  
 550-36-Self Closing Bottom Mount Without Flange

## PRODUCT I.D. NO.

SLIDE MEMBER: CL: Cabinet Member Left  
 CR: Cabinet Member Right  
 DL: Drawer Member Left  
 DR: Drawer Member Right  
 OO: Commercial (Pair/Set) Pack

EXAMPLE:32 - CL14 - BN1



## NUMBERING SYSTEM

BOTTOM MOUNT WITH OR W/O FLANGE			SIDE MOUNT WITH OR W/O FLANGE	
LENGTH	PART NUMBERS		PART NUMBERS	
	(31) Flange	(32) w/o flange	(33) Flange	(34) w/o flange
300mm	12	12	12	12
350mm	14	14	14	14
400mm	16	16	16	16
450mm	18	18	18	18
500mm	20	20	20	20
550mm	22	22	22	22
600mm	24	24	24	24

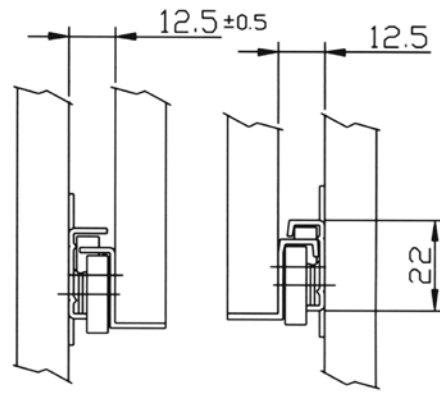
## ACCESSORIES

- Rear mount socket of high strength ACETEL COPOLYMER
- accommodates false reveal and face frame mounting.
- Usable with all slide models.
- Sockets can be mounted with screws or staples.
- Elongated holes provide adjustment.

ITEM NO.	DESCRIPTION
●30-1962	PIVOT BLOCK FOR POCKET DOOR SLIDES
●30-6402L	BRACKET LEFT, STRAIGHT OR SELF-CLOSING
●30-6402R	BRACKET RIGHT, STRAIGHT OR SELF-CLOSING
●30-648L	BRACKET LEFT, STRAIGHT TYPE
●30-648R	BRACKET RIGHT, STRAIGHT TYPE
●30-648SL	BRACKET LEFT, SELF-CLOSING TYPE
●30-648SR	BRACKET RIGHT, SELF-CLOSING TYPE
●30-BL02	BRACKET LEFT, STRAIGHT TYPE
●30-BR02	BRACKET RIGHT, STRAIGHT TYPE

# FINISH

- BK** Black
- BN** Brown
- WT** White
- AD** Almond



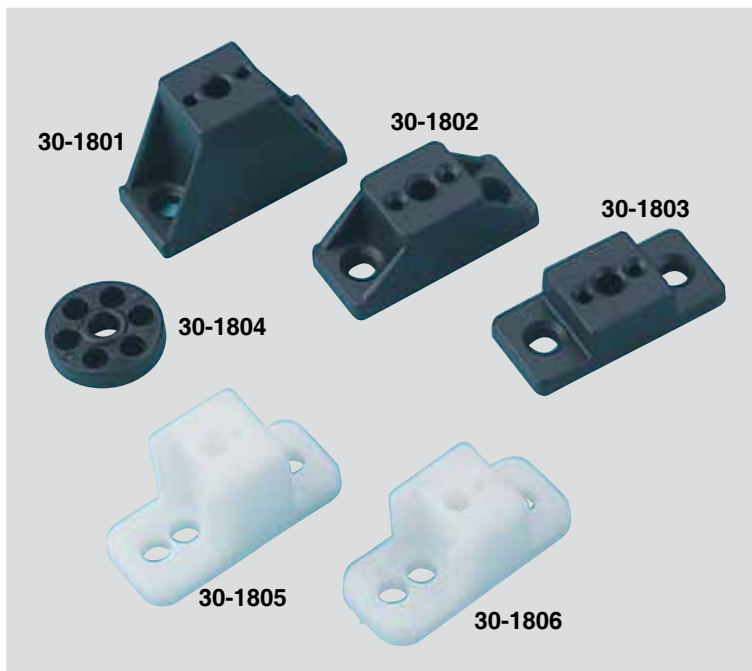
	12" (300mm)	
	14" (350mm)	
	16" (400mm)	
	18" (450mm)	
	20" (500mm)	
	22" (550mm)	
	24" (600mm)	

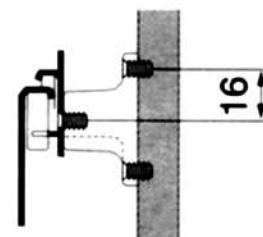

  

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## PLASTIC SPACER



ITEM NO.	SIZE(m/m)
▲30-1801	46 x 20 x 31H
▲30-1802	46 x 20 x 19H
▲30-1803	46 x 20 x 12.5H
▲30-1804	ø25 x 6.5H
●30-1805	47 x 20 x 25H
●30-1806	47 x 20 x 20H

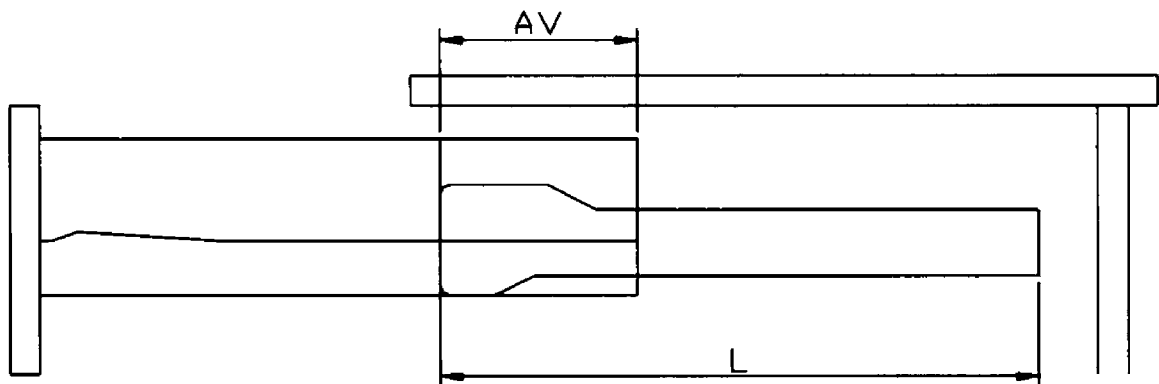
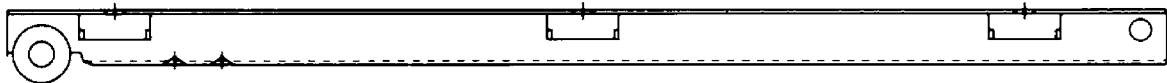
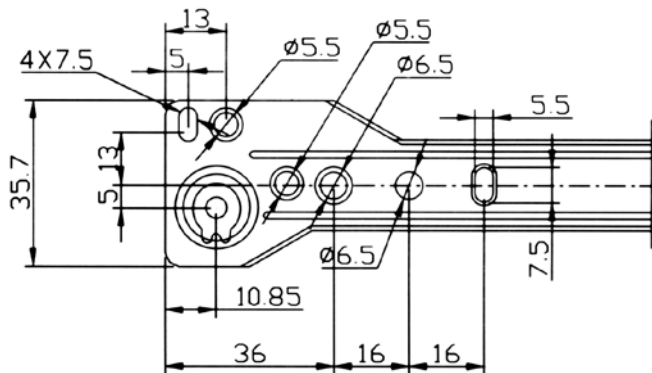


# ▲ 550-39 CLAMP ON SLIDE



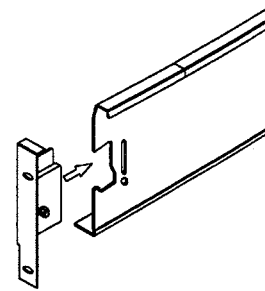
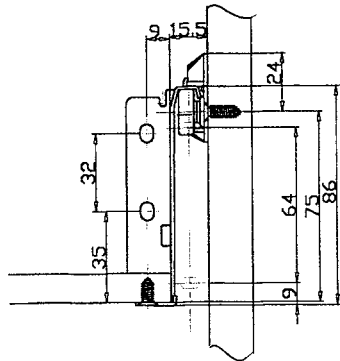
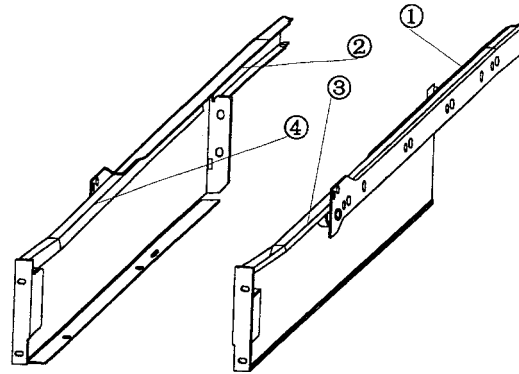
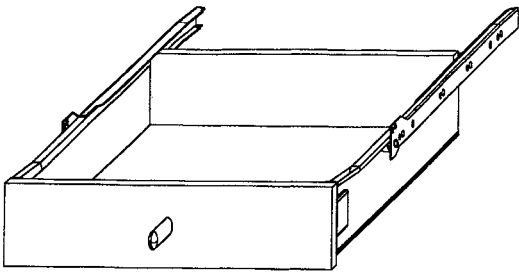
## 550-39 SERIES

1. BOTTOM MOUNT TYPE
2. SELF-CLOSING
3. WITH FLANGE
4. NYLON ROLLER
5. EPOXY POWDER COATING
6. SIZE:250mm~550mm



L	250	300	350	400	450	500	550	600
AV	85	85	85	85	85	85	85	85

# ▲ 550-704 MATAI BOX DRAWER SLIDES



## Application Details

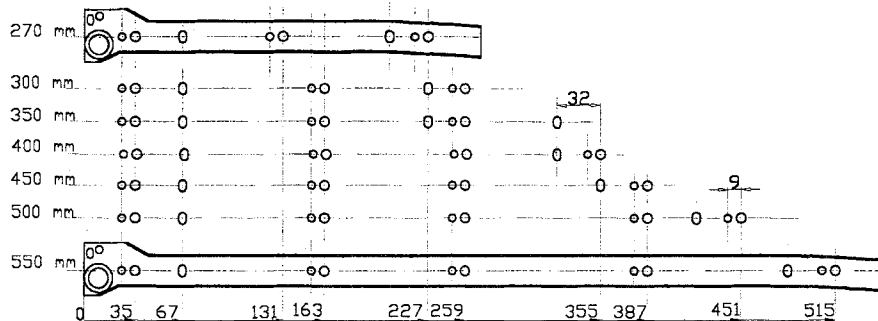
1. Self closing side panel metal drawer.
2. Self closing design at 60mm from closing position.
3. Epoxy-powder coating treatment.

## Illustration

- 1.CR Cabinet Right
- 2.CL Cabinet Left
- 3.DR Drawer Right
- 4.DL Drawer Left

Panel Height : 54mm  
86mm  
118mm  
150mm  
200mm

Slide Length : 270mm~550mm

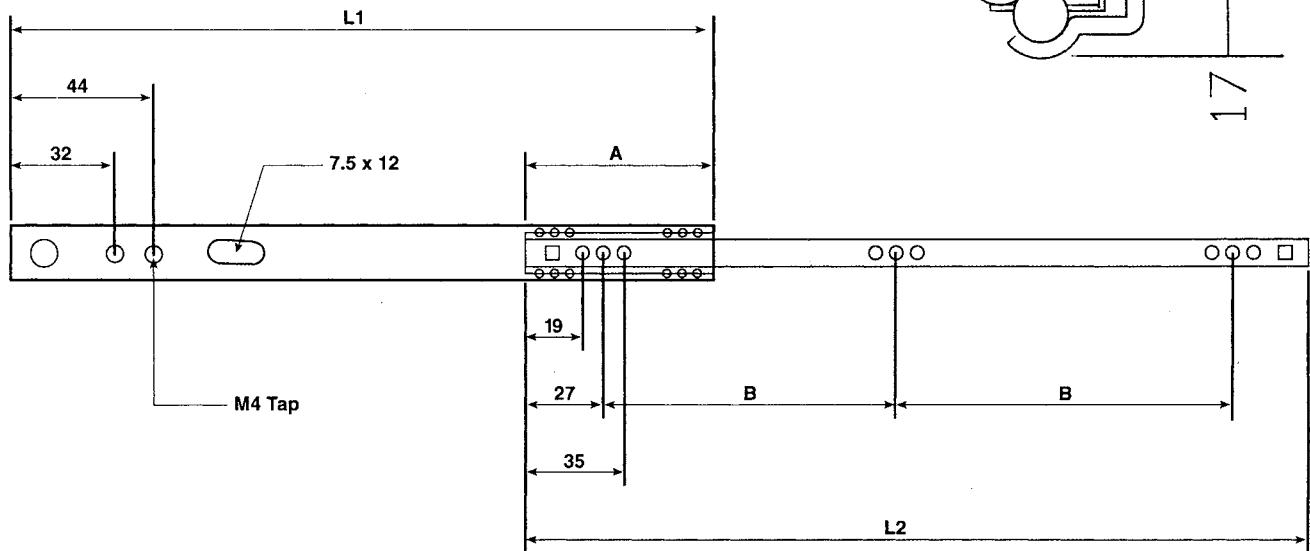
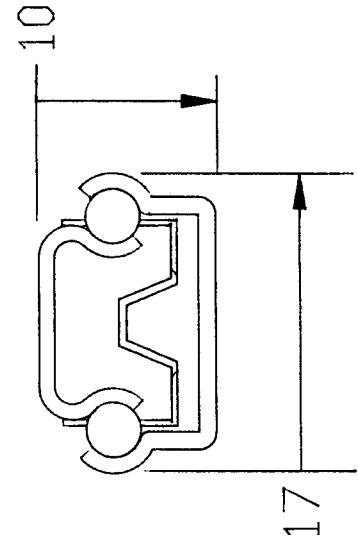


# MINI SLIDE

**Feature: Two-Way, 32 System Hole**

**Loading Capacity: 10Kgs**

**Material: Steel.Z.P**



**Unit: mm**

ITEM NO.	Drawer Length Max.	L1	L2	B	A
▲37-552A	310	182	182	128	46
▲37-552B	360	214	214	160	70
▲37-552C	390	246	246	96	70
▲37-552D	520	310	310	128	94
▲37-552E	580	342	342	144	94
▲37-552F	620	374	374	160	94
▲37-552G	720	438	438	384	118

**\*Only 2 Sets In The Slide**

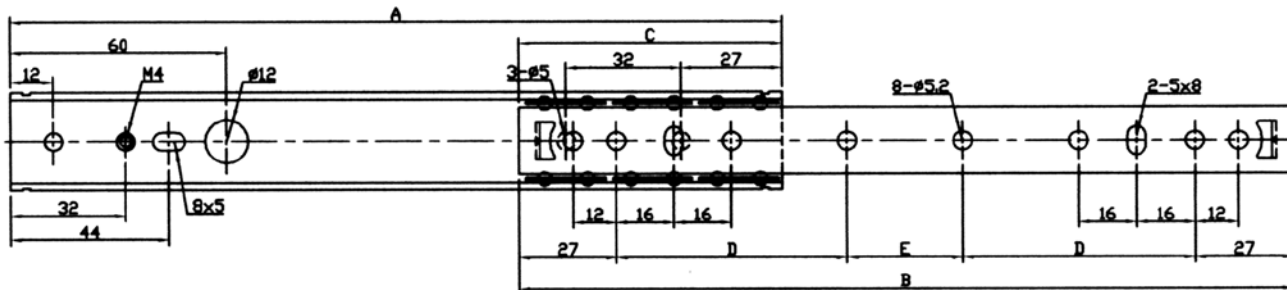
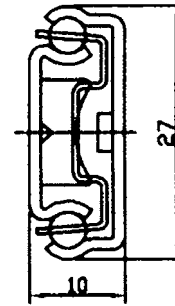
**Fixing: Outer Member (L1): M4 x 9 Screws Inner Member (L2): ø3.5 Sofix-Wooden Screws**

# 27 MM BALL BEARING SLIDE

**Feature: Two-Way, 32 System Hole**

**Loading Capacity: 15Kgs**

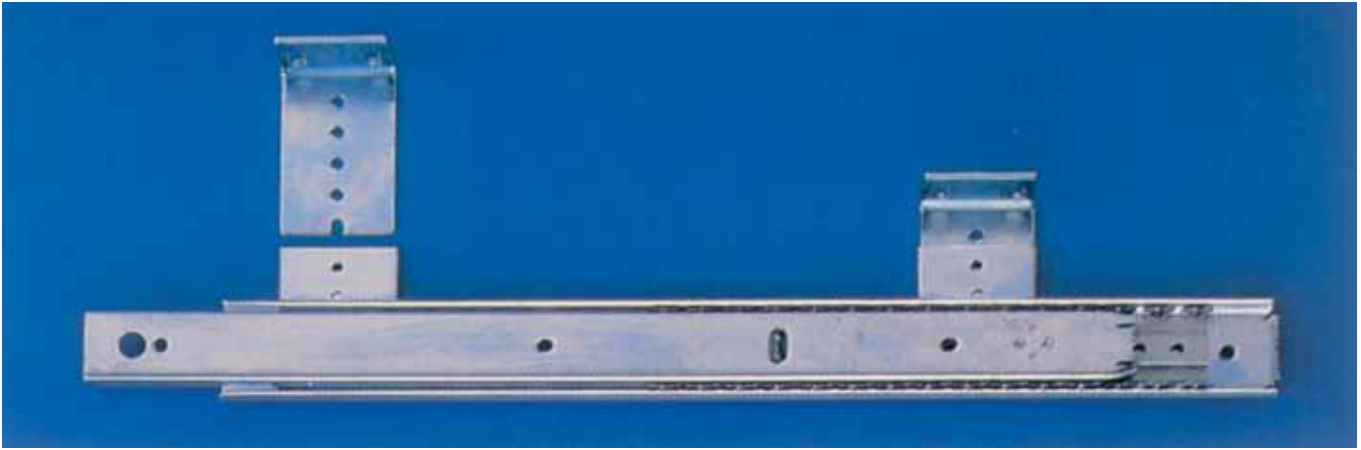
**Material: Steel.Z.P**



**Unit: mm**

ITEM NO.	DRAWER LENGTH	A	B	C	D	E
▲38-2020A	300	182	182	48		
▲38-2020B	350	214	214	48	64	32
▲38-2020C	400	246	246	72	64	64
▲38-2020D	450	278	278	72	64	96
▲38-2020E	500	310	310	72	96	64
▲38-2020F	550	342	342	96	96	96
▲38-2020G	600	374	374	96	96	128
▲38-2020H	650	406	406	120	96	160
▲38-2020I	700	438	438	120	96	192

# KEYBOARD SLIDES



**Application:** Keyboard shelf or any unit w/o sidewall.

**Features:**

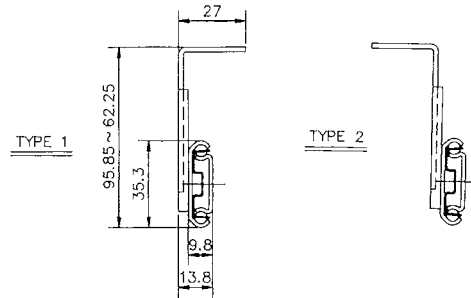
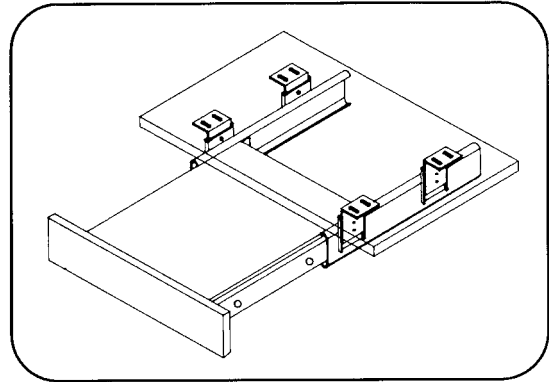
- Variable height mounting brackets.
- Inboard or outboard bracket mounting.
- Lock latch for in/out detent in open position & disconnect.

**Travel:** 3/4 extension.

**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 24" available.

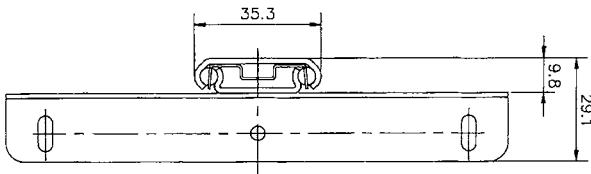
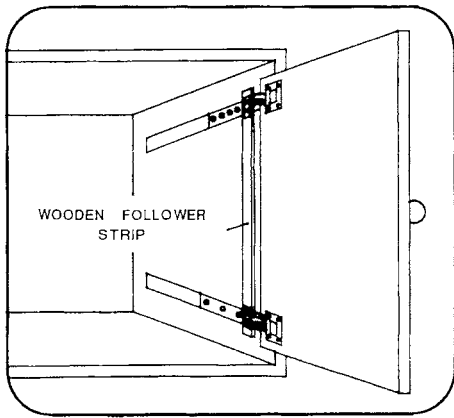
**Gross load rating:** 50 lbs/18".



ITEM NO.	LENGTH	PACKING
▲38-2060A	12"	25 PRS/CTN
▲38-2060B	14"	25 PRS/CTN
▲38-2060C	16"	25 PRS/CTN
▲38-2060D	18"	25 PRS/CTN
▲38-2060E	20"	25 PRS/CTN
▲38-2060F	22"	25 PRS/CTN
▲38-2060G	24"	25 PRS/CTN



# POCKET DOOR SLIDES



**Application:** Entertainment and Kitchen cabinets, concealed doors, storage cabinets.

**Features:**

- Tight door gap.
- Vertical/horizontal mounting.
- European hinges acceptable.

**Door thickness:** 3/4 extension.

**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 24" available.

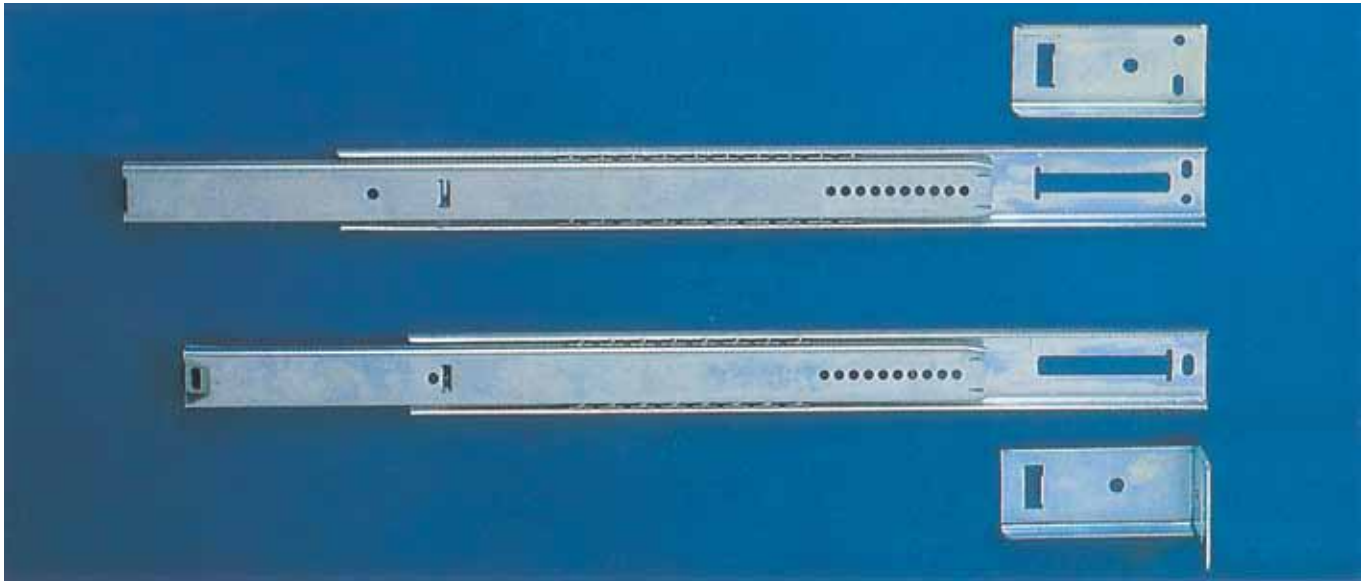
**Gross load rating:** 30 lbs/pair.

**Recommendation:**

- 36" maximum door height.
- Roller for vertical mounting.

ITEM NO.	LENGTH	PACKING
▲38-208A	12"	20 PRS/CTN
▲38-208B	14"	20 PRS/CTN
▲38-208C	16"	20 PRS/CTN
▲38-208D	18"	20 PRS/CTN
▲38-208E	20"	20 PRS/CTN
▲38-208F	22"	20 PRS/CTN
▲38-208G	24"	20 PRS/CTN

# CENTER MOUNT SLIDES



**Application:** Bedroom, Kitchen, & dining casegoods which concealed under the drawers.

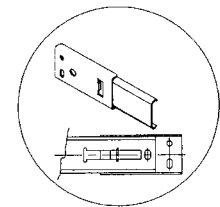
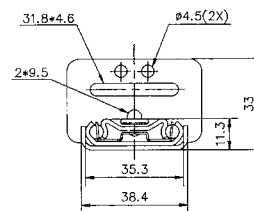
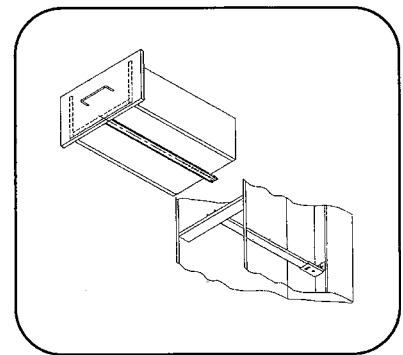
**Features:**

- Minimum side space needed.
- 2 PVC tacks enclosed for balance security.
- Rear mounting bracket for length adjusting.
- Travel: 3/4 extension.

**Material & finish:** Cold rolled steel with clear zinc plated.

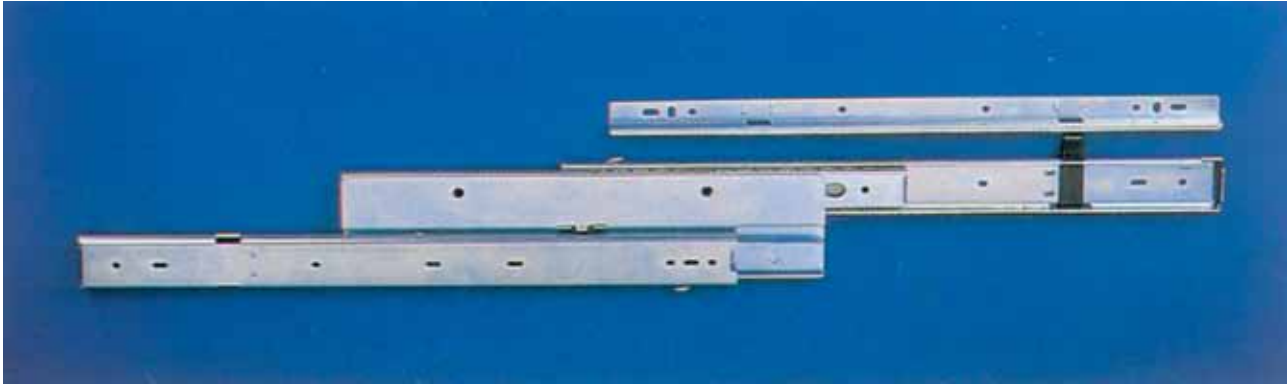
**Length:** 12" to 24" available.

**Gross load rating:** 30 lbs/each.



ITEM NO.	LENGTH	PACKING
▲38-2090A	12"	50 PCS/CTN
▲38-2090B	14"	50 PCS/CTN
▲38-2090C	16"	50 PCS/CTN
▲38-2090D	18"	50 PCS/CTN
▲38-2090E	20"	50 PCS/CTN
▲38-2090F	22"	50 PCS/CTN
▲38-2090G	24"	50 PCS/CTN

# LATERAL FILE DRAWER SLIDES



**Application:** Kitchen cabinets, file drawers or institution furniture.

**Features:**

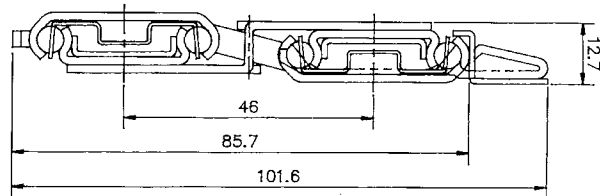
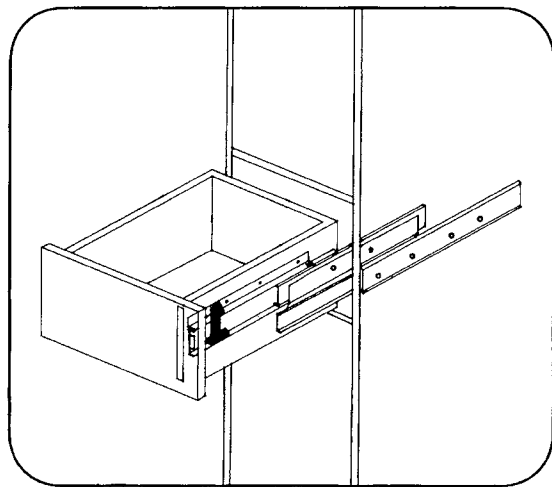
- Hold-in cushion & positive out stop.
- Rail mounting system for easy drawer removal.

**Travel:** Overtravel 1.5".

**Material & finish:** Cold rolled steel with clear zinc plated.

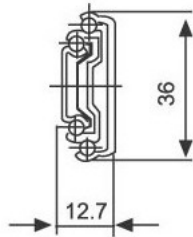
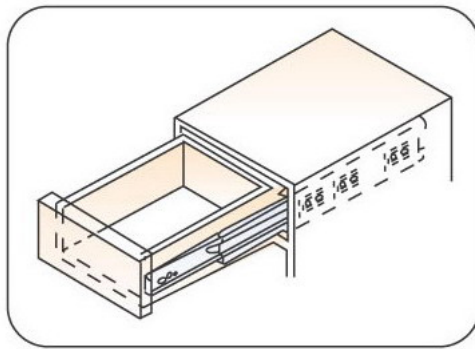
**Length:** 12" to 24" available.

**Gross load rating:** 100 lbs/18".



ITEM NO.	LENGTH	PACKING
▲38-2040A	12"	10 PRS/CTN
▲38-2040B	14"	10 PRS/CTN
▲38-2040C	16"	10 PRS/CTN
▲38-2040D	18"	10 PRS/CTN
▲38-2040E	20"	10 PRS/CTN
▲38-2040F	22"	10 PRS/CTN
▲38-2040G	24"	10 PRS/CTN

# 36mm FULL EXTENSION DRAWER SLIDES



**Application:** Kitchen, office & residential drawers.

**Features:**

- Hold-in cushion & positive out stop.
- Lift-off trigger disconnect.
- 32mm system hole.

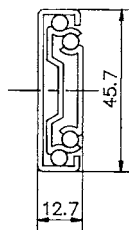
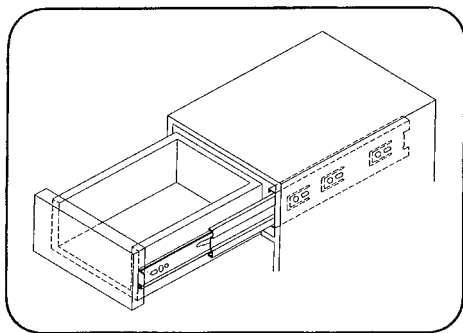
**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 24" available.

**Gross load rating:** 70 lbs/ 18".

ITEM NO.	LENGTH	PACKING
▲38-3036A	12"	20 PRS/CTN
▲38-3036B	14"	20 PRS/CTN
▲38-3036C	16"	20 PRS/CTN
▲38-3036D	18"	20 PRS/CTN
▲38-3036E	20"	20 PRS/CTN
▲38-3036F	22"	20 PRS/CTN
▲38-3036G	24"	20 PRS/CTN

# 45mm FULL EXTENSION DRAWER SLIDES



**Application:** Kitchen, office & residential drawers.

**Features:**

- Hold-in cushion & positive out stop.
- Lift-off trigger disconnect.
- 32 mm system hole.

**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 24" available.

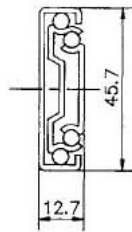
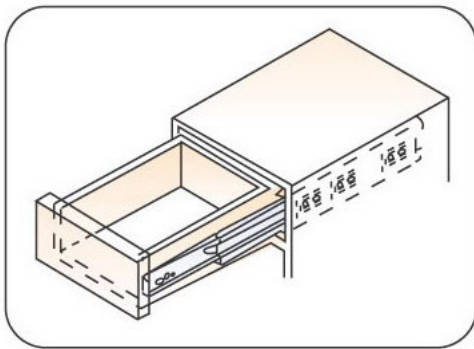
**Gross load rating:** 100 lbs/18".

**Options:**

- Galvanized steel.
- Black zinc finish.

ITEM NO.	LENGTH	PACKING
▲38-3032A	12"	15 PRS/CTN
▲38-3032B	14"	15 PRS/CTN
▲38-3032C	16"	15 PRS/CTN
▲38-3032D	18"	15 PRS/CTN
▲38-3032E	20"	15 PRS/CTN
▲38-3032F	22"	15 PRS/CTN
▲38-3032G	24"	15 PRS/CTN

# 45mm FULL EXTENSION SELF-CLOSING DRAWER SLIDES



**Application:** Kitchen, office & residential drawers.

**Features:**

- Automatically to close with self-closing function
- Hold-in cushion & positive out stop
- Lift-off trigger disconnect.
- 32mm system hole.

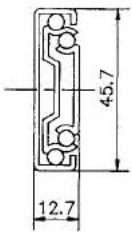
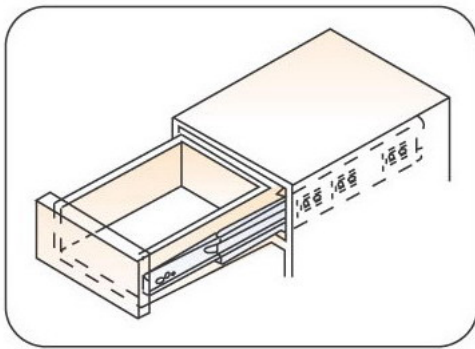
**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 24" available.

**Gross load rating:** 70 lbs/ 18".

ITEM NO.	LENGTH	PACKING
▲38-4501A	12"	15 PRS/CTN
▲38-4501B	14"	15 PRS/CTN
▲38-4501C	16"	15 PRS/CTN
▲38-4501D	18"	15 PRS/CTN
▲38-4501E	20"	15 PRS/CTN
▲38-4501F	22"	15 PRS/CTN
▲38-4501G	24"	15 PRS/CTN

# 45mm FULL EXTENSION SOFT-CLOSING DRAWER SLIDES



**Application:** Kitchen, office & residential drawers.

**Features:**

- Automatically to close with soft-closing function
- Hold-in cushion & positive out stop
- Lift-off trigger disconnect.
- 32mm system hole.

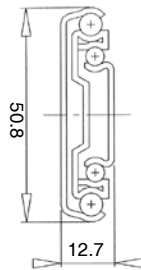
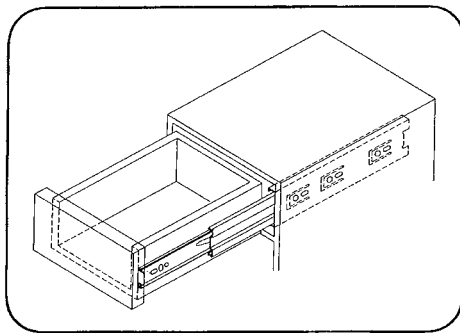
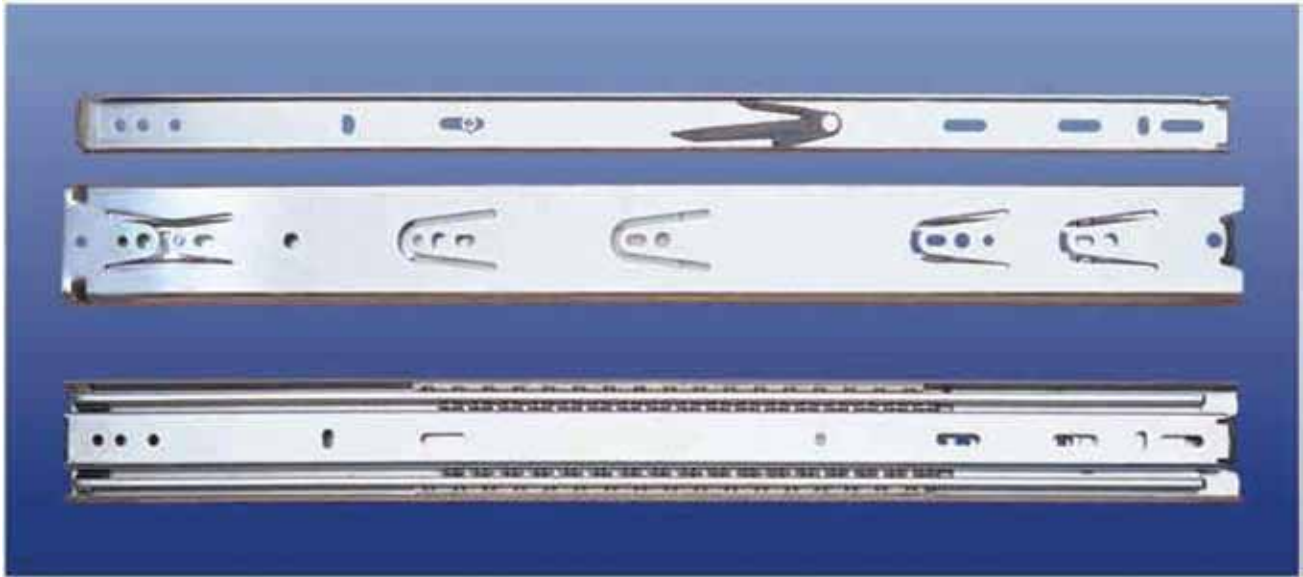
**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 24" available.

**Gross load rating:** 70 lbs/ 18".

ITEM NO.	LENGTH	PACKING
▲38-4502A	12"	15 PRS/CTN
▲38-4502B	14"	15 PRS/CTN
▲38-4502C	16"	15 PRS/CTN
▲38-4502D	18"	15 PRS/CTN
▲38-4502E	20"	15 PRS/CTN
▲38-4502F	22"	15 PRS/CTN
▲38-4502G	24"	15 PRS/CTN

# 51mm FULL EXTENSION DRAWER SLIDES



**Application:** Kitchen, office & residential heavy-duty drawers.

**Features:**

- Separable & stopping release latch.
- Lift-off trigger disconnect.
- 32 mm system hole.
- 15 mm over-travel.

**Material & finish:** Cold rolled steel, clear zinc plated or black painted.

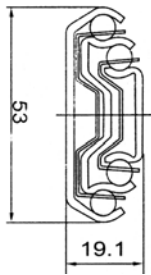
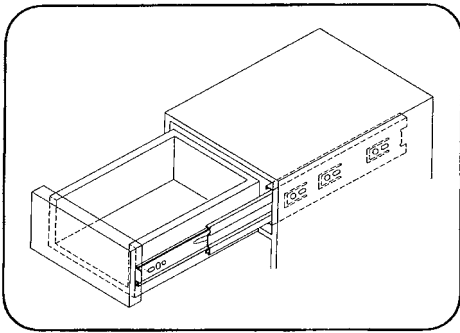
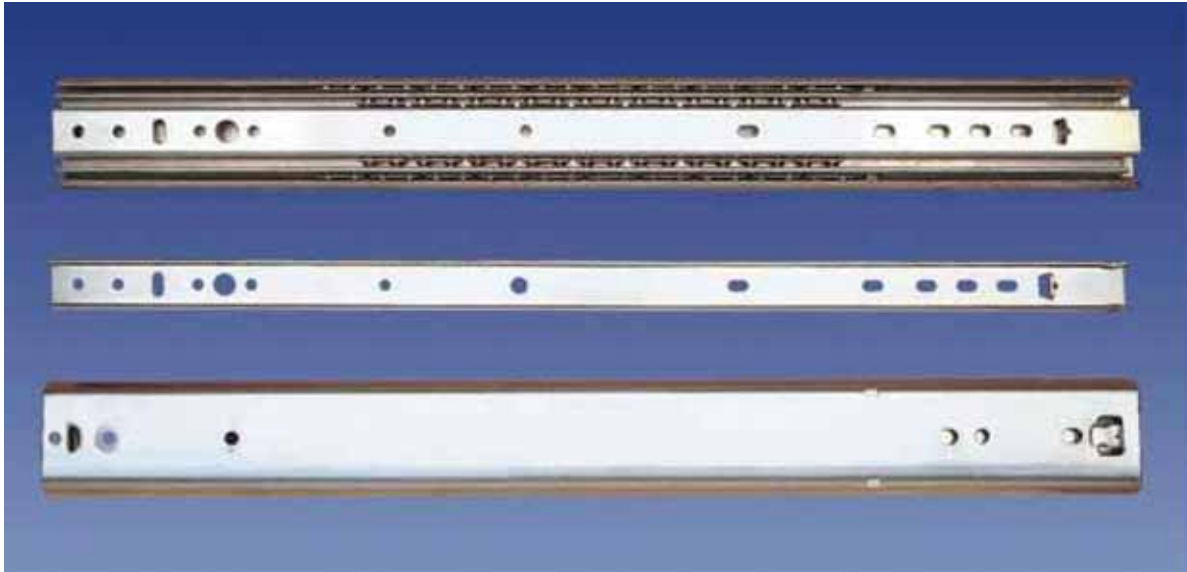
**Length:** 14" to 26" available.

**Gross load rating:** 132 lbs/18".

ITEM NO.	LENGTH	PACKING
▲38-3051A	14"	15 PRS/CTN
▲38-3051B	16"	15 PRS/CTN
▲38-3051C	18"	15 PRS/CTN
▲38-3051D	20"	15 PRS/CTN
▲38-3051E	22"	15 PRS/CTN
▲38-3051F	24"	15 PRS/CTN
▲38-3051G	26"	15 PRS/CTN



# 53mm FULL EXTENSION DRAWER SLIDES



**Application:** Warehouse & Industrial heavy-duty drawers.

**Features:**

- Separable & stopping release latch.
- 32 mm system hole.
- 15 mm over-travel.

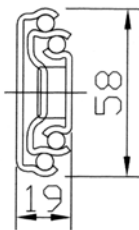
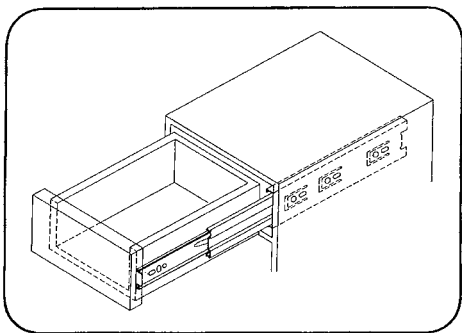
**Material & finish:** Cold rolled steel, clear zinc plated or black painted.

**Length:** 12" to 24" available.

**Gross load rating:** 254 lbs/18".

ITEM NO.	LENGTH	PACKING
▲38-3053A	12"	6 PRS/CTN
▲38-3053B	14"	6 PRS/CTN
▲38-3053C	16"	6 PRS/CTN
▲38-3053D	18"	6 PRS/CTN
▲38-3053E	20"	6 PRS/CTN
▲38-3053F	22"	6 PRS/CTN
▲38-3053G	24"	6 PRS/CTN

# 58mm FULL EXTENSION DRAWER SLIDES



**Application:** Metal drawer & metal cabinet heavy-duty drawers.

**Features:**

- Separable & stopping release latch.
- Lift-off trigger disconnect.
- 32 mm system hole.

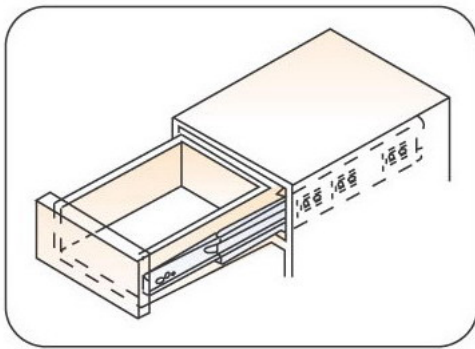
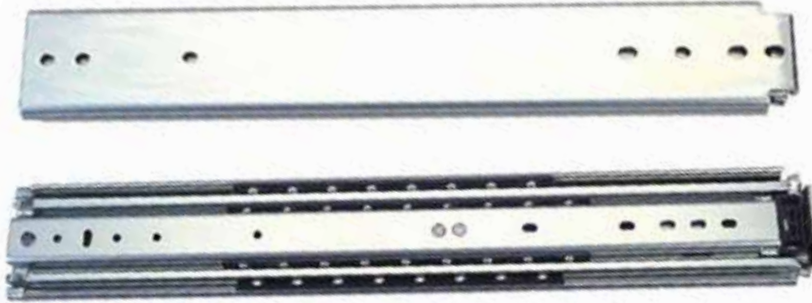
**Material & finish:** Cold rolled steel, clear zinc plated or black painted.

**Length:** 14" to 24" available.

**Gross load rating:** 300 lbs/18".

ITEM NO.	LENGTH	PACKING
▲38-3058A	14"	10 PRS/CTN
▲38-3058B	16"	10 PRS/CTN
▲38-3058C	18"	5 PRS/CTN
▲38-3058D	20"	5 PRS/CTN
▲38-3058E	22"	5 PRS/CTN
▲38-3058F	24"	5 PRS/CTN

# 76mm HEAVY DUTY FULL EXTENSION DRAWER SLIDES



**Application:** Industry heavy-duty drawer & Telecommunication rack & Utility vehicle drawer & Heavy-duty storage.

**Material & finish:** Cold rolled steel with clear zinc plated.

**Length:** 12" to 48" available.

**Gross load rating:** 500 lbs/ 18".



ITEM NO.	LENGTH	PACKING
▲38-3076A	12"	4 PRS/CTN
▲38-3076B	14"	4 PRS/CTN
▲38-3076C	16"	4 PRS/CTN
▲38-3076D	18"	4 PRS/CTN
▲38-3076E	20"	4 PRS/CTN
▲38-3076F	22"	4 PRS/CTN
▲38-3076G	24"	4 PRS/CTN

**▲38-6610**

**SOFT-CLOSING CONCEALED DRAWER SLIDE FULL EXTENSION WITH FRONT ADJUSTMENT BRACKET**



**Application:** Kitchen, Closet & Furniture drawer.

**Features:**

- Quick mount and disconnect.
- Soft-closing damping system.
- 32mm system hole.

**Material :** Galvanized steel.

**Length:** 12", 14", 15", 18", 20", 21".

**Gross load rating:** 35 kgs.

**▲38-6612**

**SOFT-CLOSING CONCEALED DRAWER SLIDE FULL EXTENSION WITH FIXING BOLT MOUNTING**



**Application:** Kitchen, Closet & Furniture drawer.

**Features:**

- Quick mount and disconnect.
- Soft-closing damping system.
- 32mm system hole.

**Material :** Galvanized steel.

**Length:** 14" ~ 24" available.

**Gross load rating:** 35 kgs.

**▲38-6613**

**CONCEALED DRAWER SLIDE FULL EXTENSION WITH PUSH OPEN FUNCTION**



**Application:** Kitchen, Closet & Furniture drawer.

**Features:**

- Quick mount and disconnect.
- Touch to open.
- 32mm system hole.

**Material :** Galvanized steel.

**Length:** 14" ~ 24" available.

**Gross load rating:** 35 kgs.

# SOFT-CLOSING DOUBLE WALL METAL DRAWER



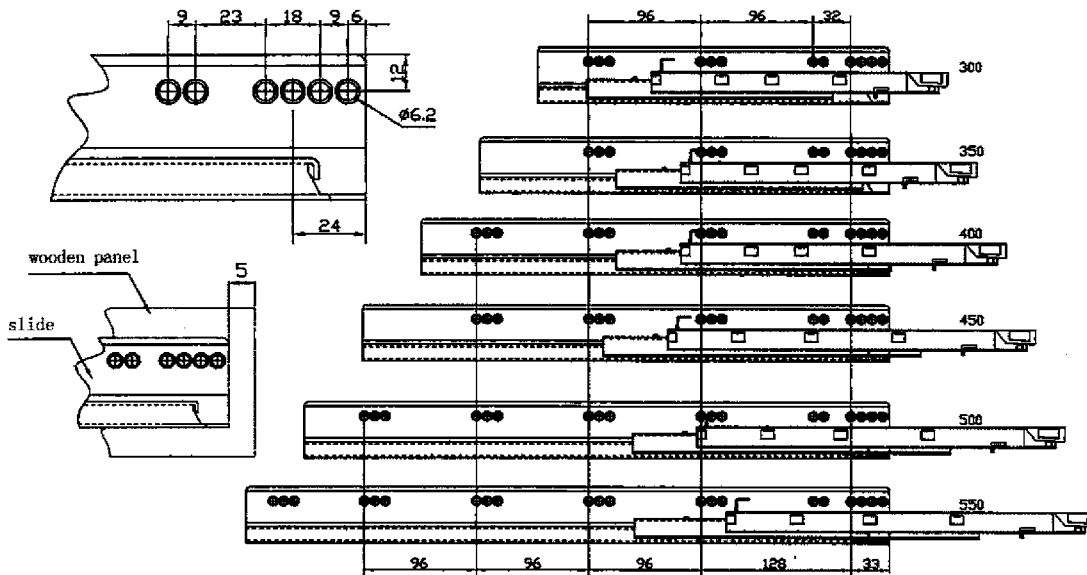
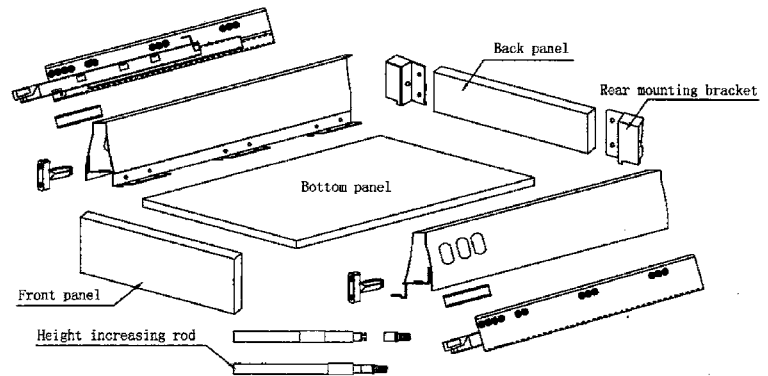
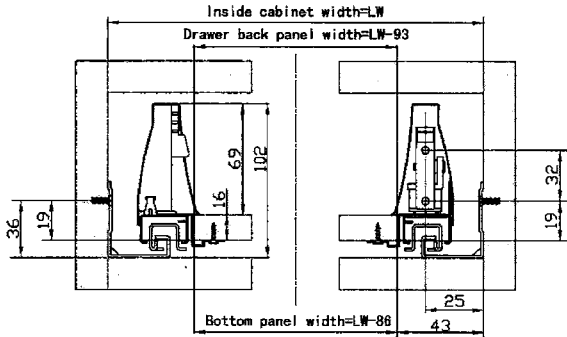
## ▲38-6618

Soft-closing double wall metal drawer.

Panel height: 96mm.

Load capacity: 40 kgs.

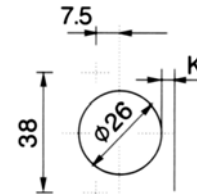
Length: 12" ~ 22" available.



**▲50-9408/9418/9428**  
**26mm CUP SOFT-CLOSING**  
**CONCEALED HINGE**  
**CLIP-ON TYPE**

**OPENING 95°**

**METAL CUP DRILLING SIZE**



Dimension of door(k)= 3~7mm  
 Range for door thickness= 14~18mm  
**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**A** = gap between door and side board

<p>Full overlay</p>	<p><math>H = 12 + K - D</math></p>
<p>Half overlay</p>	<p><math>H = 2 + K - D</math></p>
<p>Inset</p>	<p><math>H = -5 + K + A</math></p>

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	<p>DOWEL</p>	
50-9408	50-9408M	50-9408E
50-9418	50-9418M	50-9418E
50-9428	50-9428M	50-9428E

**FULL OVERLAY**

D \ K	3	4	5	
H	0	15	16	17
2	13	14	15	
4	11	12	13	

**HALF OVERLAY**

D \ K	3	4	5	
H	0	5	6	7
2	3	4	5	
4	1	2	3	

**INSET TYPE**

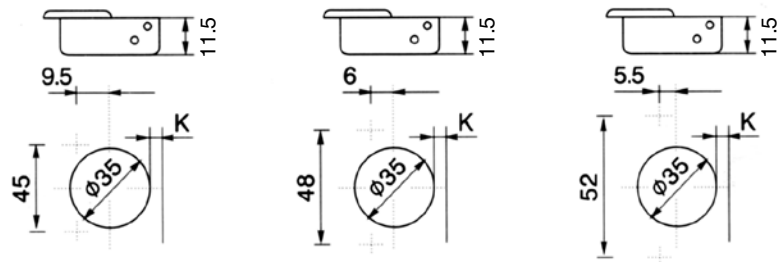
A \ K	3	4	5	
H	0	2	1	0
2	4	3	2	
4	6	5	4	

**CHOOSE PLATE: A B C D E H**


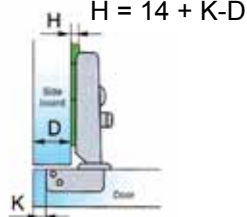

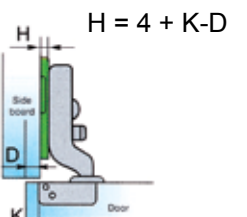

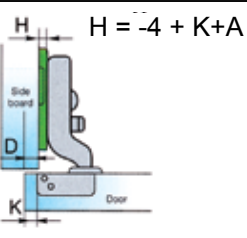
**▲50-9438/9448/9458**  
**35mm CUP SOFT-CLOSING**  
**CONCEALED HINGE**  
**CLIP-ON TYPE**

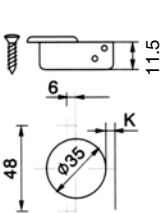
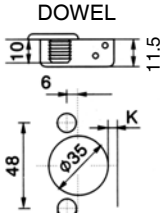
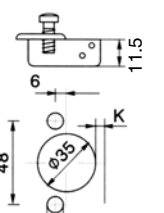
**OPENING 110°**

METAL CUP DRILLING SIZE



Dimension of door(k)= 3~7mm  
 Range for door thickness= 14~20mm  
 H = height of mounting plate  
 D = required door overlay  
 K = drilling distance from edge of door to edge of hole  
 A = gap between door and side board

	Full overlay  $H = 14 + K - D$
	Half overlay  $H = 4 + K - D$
	Inset  $H = -4 + K + A$

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	 DOWEL $\phi 8 \sim \phi 10$	 $\phi 5$
50-9438	50-9438M	50-9438E
50-9448	50-9448M	50-9448E
50-9458	50-9458M	50-9458E

**FULL OVERLAY**

D \ K	3	4	5	6	
H	0	17	18	19	20
2	15	16	17	18	
4	13	14	15	16	

**HALF OVERLAY**

D \ K	3	4	5	6	
H	0	7	8	9	10
2	5	6	7	8	
4	3	4	5	6	

**INSET TYPE**

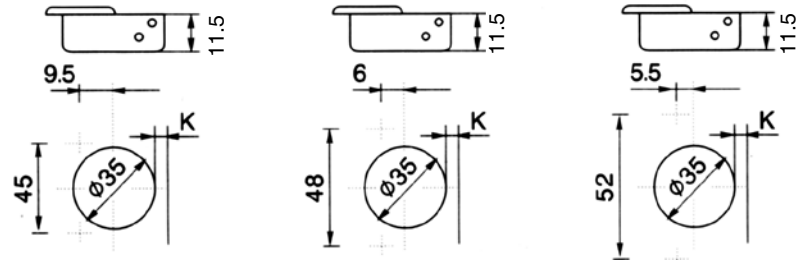
A \ K	3	4	5	6	
H	0	1	0	-1	-2
2	3	2	1	0	
4	5	4	3	2	

**CHOOSE PLATE: A B C D E H**

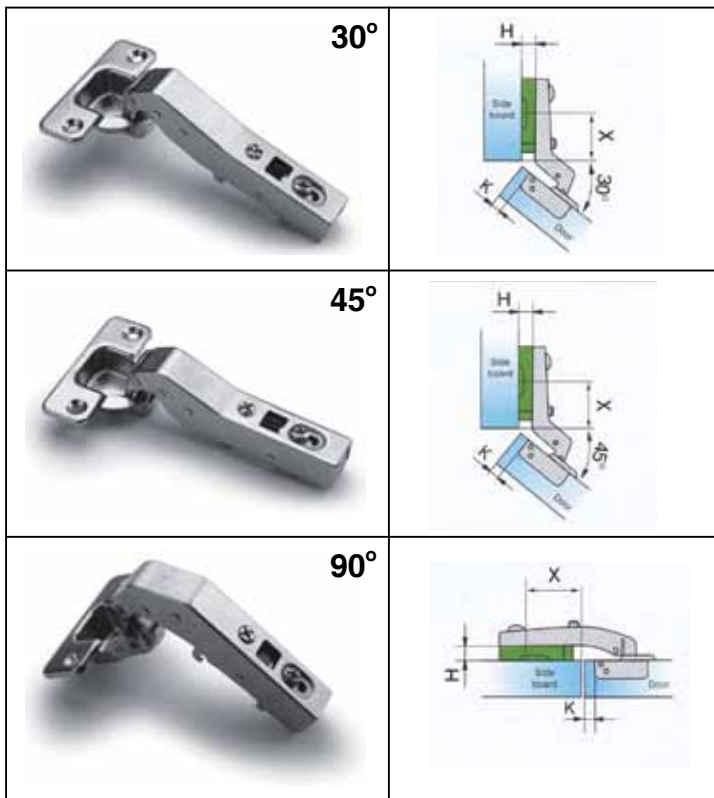
**▲50-9508/50-9518/50-9528**  
**35mm CUP ANGLED HINGE**  
**SLIDE-ON TYPE, TWO STAGE**

**OPENING 95°**

METAL CUP DRILLING SIZE



Dimension of door(k)= 3~7mm  
 Range for door thickness= 14~20mm  
**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**X** = drilling size of mounting plate



STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
50-9508	50-9508M	50-9508E
50-9518	50-9518M	50-9518E
50-9528	50-9528M	50-9528E

30°								
X	D	K	4	5	6	7		
0	38	4	37	4.9	36	5.8	35	6.7
2	38	2	37	2.9	36	3.8	35	4.7
4	38	0	37	0.9	36	1.8	35	2.7

45°								
X	D	K	4	5	6	7		
0	38	2.5	37	3.4	36	4.3	35	5.2
2	38	0.5	37	1.4	36	2.3	35	3.2
4	38	-1.5	37	-0.6	36	0.3	35	1.2

90°						
X	D	K	4	5		
0	20	0	19	0		
2	20	-2	19	-2		
4	20	-4	19	-4		

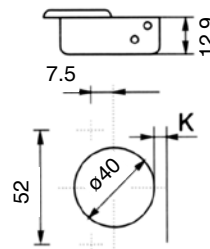
**CHOOSE PLATE:A B C D**




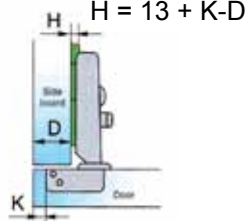

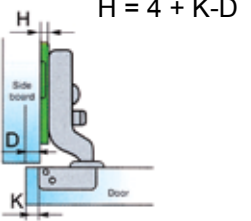

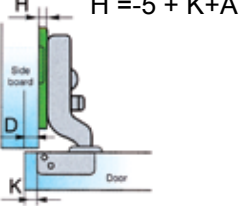
**▲50-9538/9548/9558**  
**40mm CUP SOFT-CLOSING**  
**CONCEALED HINGE**  
**CLIP-ON TYPE**

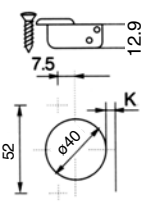
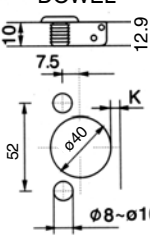
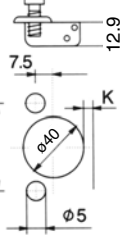
**OPENING 95°**

METAL CUP DRILLING SIZE



Dimension of door(k)= 3~7mm  
 Range for door thickness= 20~30mm  
 H = height of mounting plate  
 D = required door overlay  
 K = drilling distance from edge of door to edge of hole  
 A = gap between door and side board

 <p>Full overlay</p>	 <p><math>H = 13 + K - D</math></p>
 <p>Half overlay</p>	 <p><math>H = 4 + K - D</math></p>
 <p>Inset</p>	 <p><math>H = -5 + K + A</math></p>

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	<p>DOWEL</p> 	
50-9538	50-9538M	50-9538E
50-9548	50-9548M	50-9548E
50-9558	50-9558M	50-9558E

**FULL OVERLAY**

D	K	3	4	5	6
H	0	21	22	23	24
	2	19	20	21	22
	4	17	18	19	20

**HALF OVERLAY**

D	K	3	4	5	6
H	0	13	14	15	16
	2	11	12	13	14
	4	9	10	11	12

**INSET TYPE**

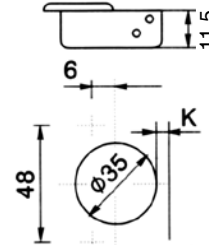
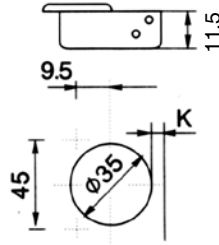
A	K	3	4	5	6
H	0	-3	-4	-5	-6
	2	-1	-2	-3	-4
	4	1	0	-1	-2

**CHOOSE PLATE:A B C D E H**

**▲50-9608**  
**35mm CUP SOFT-CLOSING**  
**CONCEALED HINGE**  
**CLIP-ON TYPE**

METAL CUP DRILLING SIZE

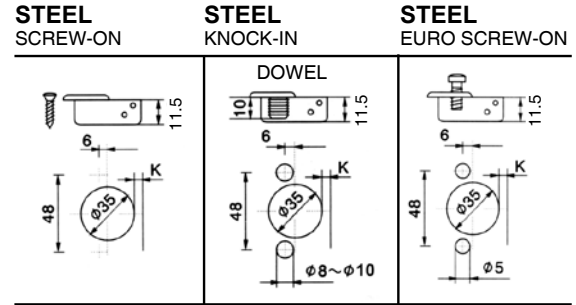
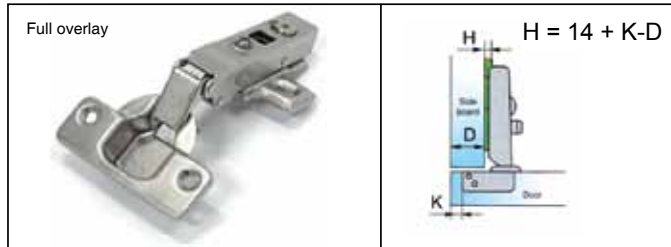
H = height of mounting plate  
 D = required door overlay  
 K = drilling distance from edge of door to edge of hole  
 A = gap between door and side board



**OPENING 125°**

**FULL OVERLAY**

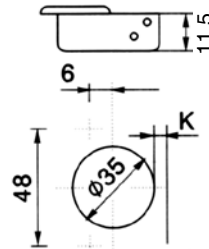
D \ K	3	4	5	6
H				
0	17	18	19	20
2	15	16	17	18
4	13	14	15	16



**▲50-9638**  
**35mm CUP SOFT-CLOSING**  
**CONCEALED HINGE**  
**CLIP-ON TYPE**

METAL CUP DRILLING SIZE

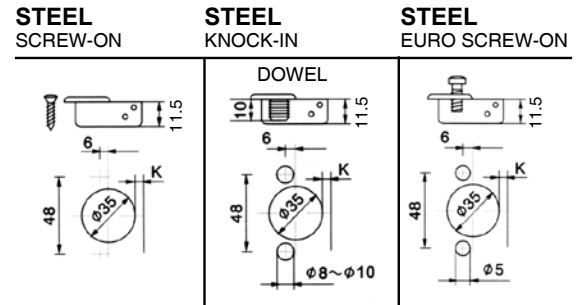
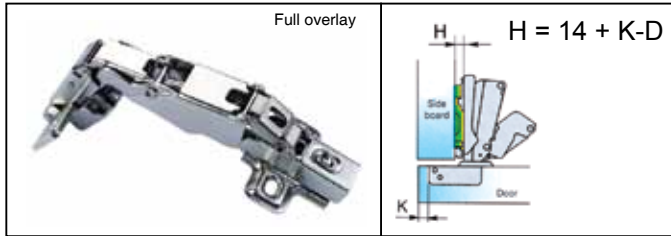
H = height of mounting plate  
 D = required door overlay  
 K = drilling distance from edge of door to edge of hole  
 A = gap between door and side board



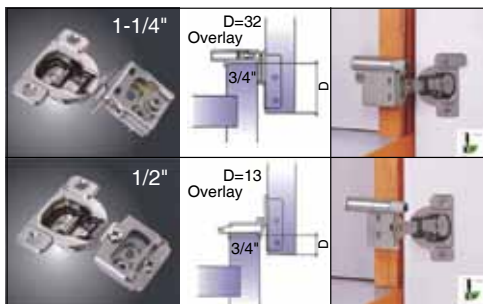
**OPENING 165°**

**FULL OVERLAY**

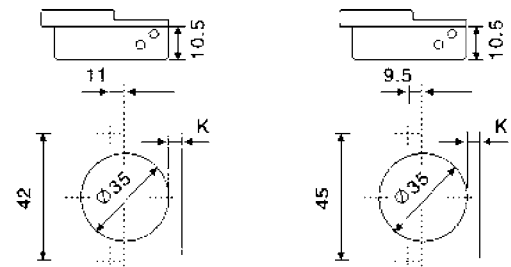
D \ K	3	4	5	6	7
H					
0	17	18	19	20	21
2	15	16	17	18	19
4	13	14	15	16	17



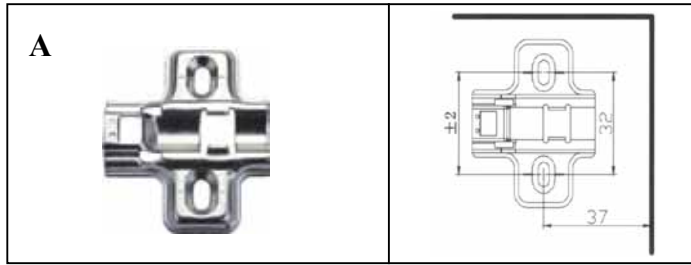
**▲50-9668**  
**35mm CUP FACE FRAME HINGE**  
 SIX-WAY CAM ADJUSTABLE  
 EXTERNAL SOFT-CLOSING DAMPER AVAILABLE  
 FOR 1/2", 1-1/2", 1-3/8", 1-5/16", 1-1/4" FRAMES







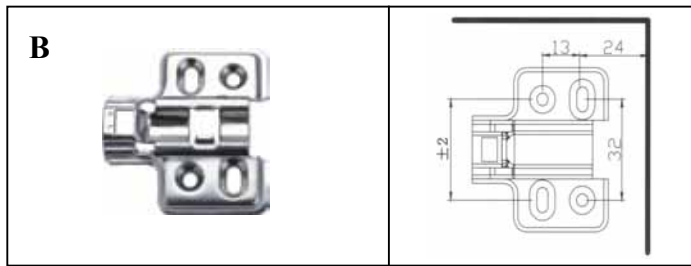
**OPENING 105°**







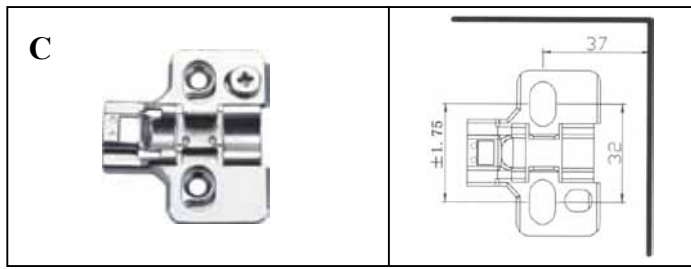
# STEEL MOUNTING PLATE FOR SOFT-CLOSING HINGE







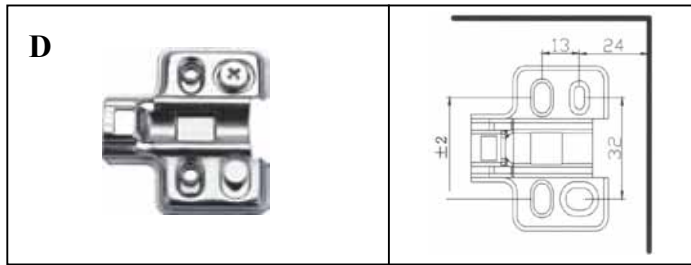
HEIGHT				
H = 0	A04	A07	A00	A02
H = 2	A24	A27	A20	A22
H = 4	A44	A47	A40	A42







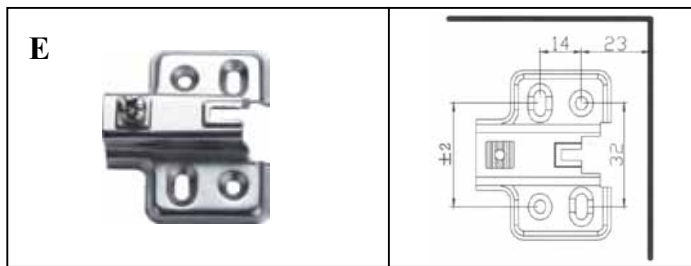
HEIGHT				
H = 0	B04			
H = 2	B24			
H = 4	B44			







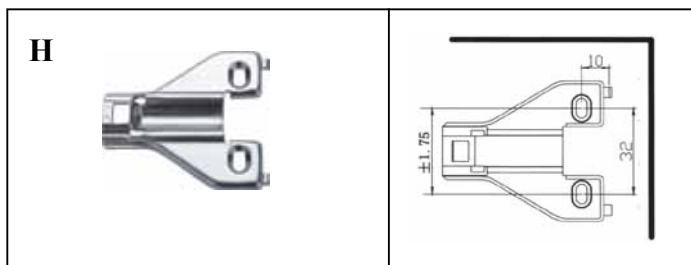
HEIGHT				
H = 0	C04	C07	C00	C02
H = 2	C24	C27	C20	C22
H = 4	C44	C47	C40	C42







HEIGHT				
H = 0	D24			



HEIGHT				
H = 0	E04			

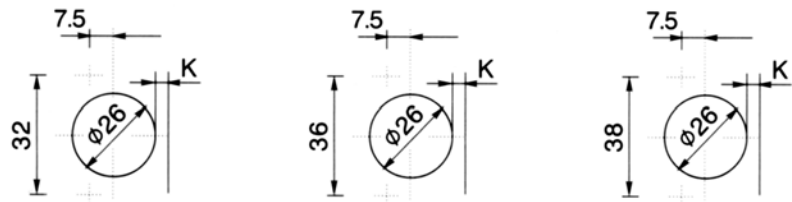


HEIGHT				
H = 0	H04	H07	H00	H02
H = 3	H34	H37	H30	H32

**▲50-1201/50-1202/50-1203**  
**26mm CUP CONCEALED HINGE**  
**KEY-HOLE TYPE, ONE STAGE**

**OPENING 92°**

METAL CUP DRILLING SIZE



**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**A** = gap between door and side board

<p>Full overlay C=0</p>	<p><math>H = 12 + K - D</math></p>
<p>Half overlay C=9</p>	<p><math>H = 3 + K - D</math></p>
<p>Inset C=17</p>	<p><math>H = -6 + K + A</math></p>

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	<p>DOWEL</p>	
50-1201	50-1201M	50-1201E
50-1202	50-1202M	50-1202E
50-1203	50-1203M	50-1203E

**FULL OVERLAY**

D \ K	3	4	5	6	
H	0	15	16	17	18
2	13	14	15	16	
4	11	12	13	14	

**HALF OVERLAY**

D \ K	3	4	5	6	
H	0	6	7	8	9
2	4	5	6	7	
4	2	3	4	5	

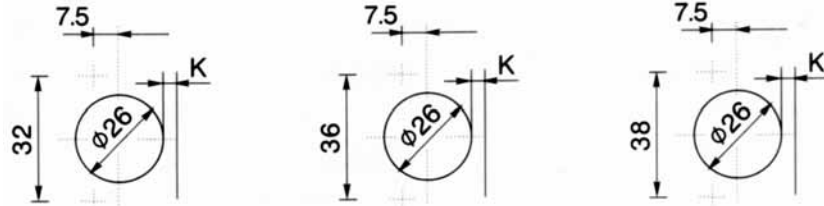
**INSET TYPE**

A \ K	3	4	5	6	
H	0	3	2	1	0
2	1	2	3	2	
4	7	6	5	4	

**▲50-1301/50-1302/50-1303**  
**26mm CUP CONCEALED HINGE**  
**SLIDE-ON TYPE, ONE STAGE**

**OPENING 95°**

METAL CUP DRILLING SIZE



**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**A** = gap between door and side board

<p>Full overlay C=0</p>	<p><math>H = 14 + K - D</math></p>
<p>Half overlay C=9</p>	<p><math>H = 5 + K - D</math></p>
<p>Inset C=17</p>	<p><math>H = -3 + K + A</math></p>

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	<p>DOWEL</p>	
50-1301	50-1301M	50-1301E
50-1302	50-1302M	50-1302E
50-1303	50-1303M	50-1303E

**FULL OVERLAY**

D \ H	K	3	4	5
1.5		15.5	16.5	17.5
3.0		14	15	16
4.5		12.5	13.5	14.5
6.0		11	12	13

**HALF OVERLAY**

D \ H	K	3	4	5
1.5		6.5	7.5	8.5
3.0		5	6	7
4.5		3.5	4.5	5.5
6.0		2	3	4

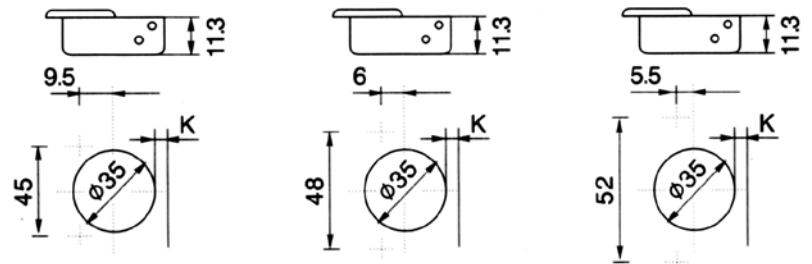
**INSET TYPE**

A \ H	K	3	4	5
1.5		1.5	0.5	-0.5
3.0		3	2	1
4.5		4.5	3.5	2.5
6.0		6	5	4

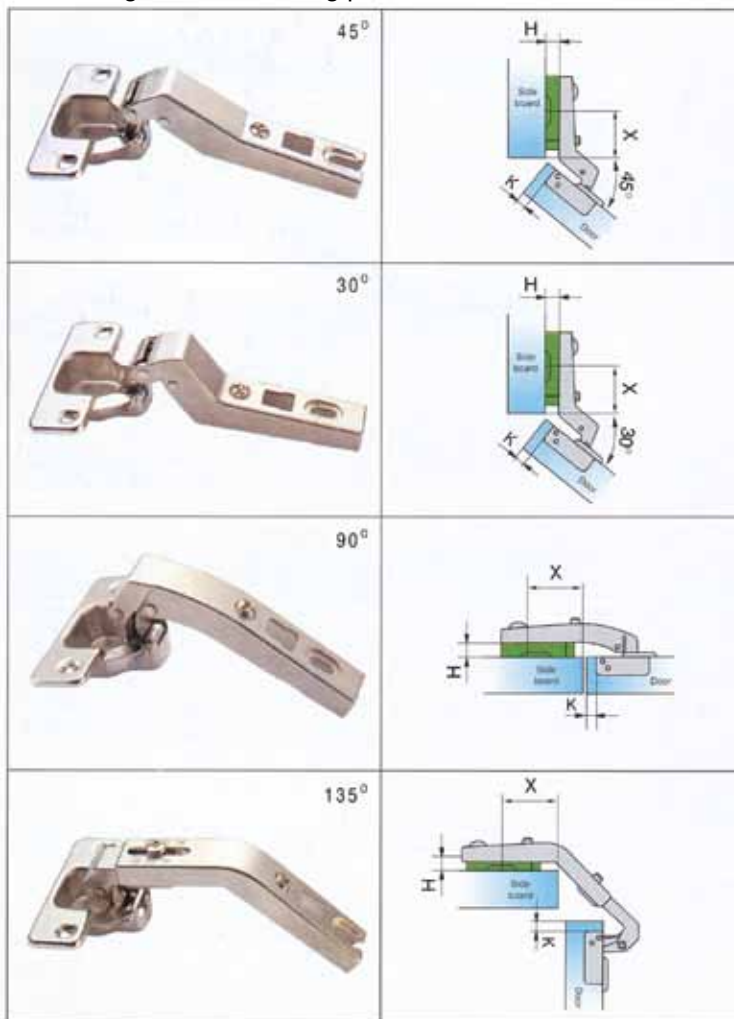
**▲50-9008/50-9018/50-9028/50-9038**  
**35mm CUP ANGLED HINGE**  
**SLIDE-ON TYPE, TWO STAGE**

**OPENING 95°**

METAL CUP DRILLING SIZE



**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**X** = drilling size of mounting plate



STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
50-9008	50-9008M	50-9008E
50-9018	50-9018M	50-9018E
50-9028	50-9028M	50-9028E
50-9038	50-9038M	50-9038E

		45°				
		K				
H		4.0	5.0	6.0		
-2	37	6.5	3.6	7.4	3.5	8.3
0	37	4.5	3.6	5.4	3.5	6.3
2	37	2.5	3.6	3.4	3.5	4.3
4	37	0.5	3.6	1.4	3.5	2.3
X						

		30°				
		K				
H		4.0	5.0	6.0		
-2	37	4.5	3.6	5.4	3.5	6.3
0	37	2.5	3.6	3.4	3.5	4.3
2	37	0.5	3.6	1.4	3.5	2.3
4	37	-1.5	3.6	-0.5	3.5	1.4
X						

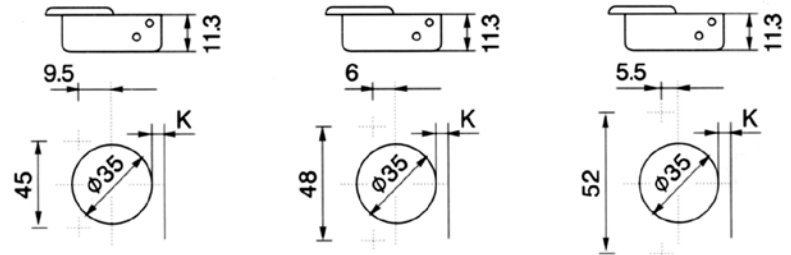
		90°		
		K		
H		4.0	5.0	
-2	20	4.8	1.9	4.8
0	20	2.8	1.9	2.8
2	20	0.8	1.9	0.8
4	20	-1.2	1.9	-1.2
X				

		135°
		door thickness < 18mm
H		2mm
X		37mm
		22mm > door thickness > 18mm
H		0mm
X		37mm

**▲50-9348/50-9358/50-9368**  
**35mm CUP CONCEALED HINGE**  
**SLIDE-ON TYPE, TWO STAGE**

**OPENING 110°**

METAL CUP DRILLING SIZE



**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**A** = gap between door and side board

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	<b>DOWEL</b> 	
50-9348	50-9348M	50-9348E
50-9358	50-9358M	50-9358E
50-9368	50-9368M	50-9368E

<b>Full overlay C=0</b>	$H = 14 + K - D$
<b>Half overlay C=8</b>	$H = 5 + K - D$
<b>Inset C=15</b>	$H = -2 + K + A$

**FULL OVERLAY**

D \ H \ K	3	4	5	6
-2	19	20	21	22
0	17	18	19	20
2	15	16	17	18
4	13	14	15	16

**HALF OVERLAY**

D \ H \ K	3	4	5	6
-2	10	11	12	13
0	8	9	10	11
2	6	7	8	9
4	4	5	6	7

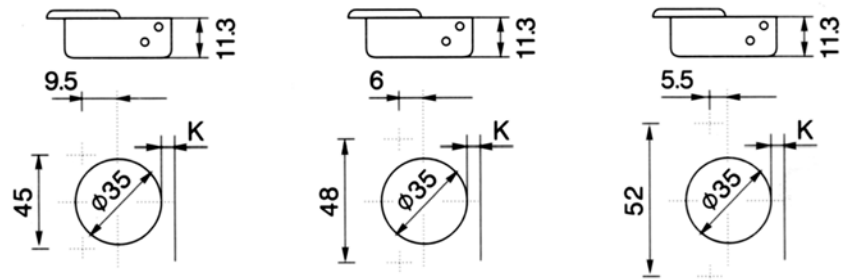
**INSET TYPE**

A \ H \ K	3	4	5	6
-2	-2	-4	-5	-6
0	-1	-2	-3	-4
2	1	0	-1	-2
4	3	2	1	0


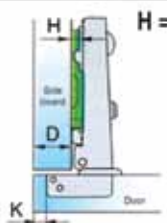

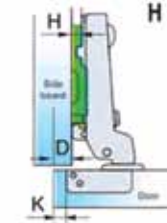

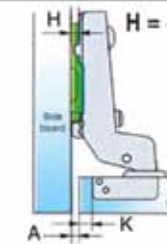
**▲50-9378/50-9388/50-9398**  
**35mm CUP CONCEALED HINGE**  
**CLIP-ON TYPE, TWO STAGE**

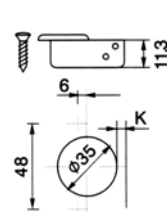
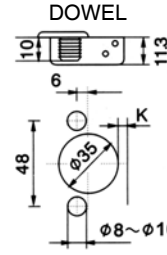
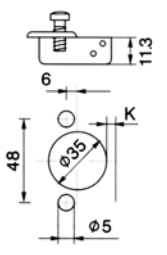
**OPENING 110°**

METAL CUP DRILLING SIZE



**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**A** = gap between door and side board

 Full overlay C=0	 $H = 14 + K - D$
 Half overlay C=8	 $H = 5 + K - D$
 Inset C=15	 $H = -2 + K + A$

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
 48, 6, 113, $\phi 35$ , K	DOWEL  10, 6, 113, 48, $\phi 35$ , K, $\phi 8 \sim \phi 10$	 6, 48, $\phi 35$ , K, $\phi 5$
50-9378	50-9378M	50-9378E
50-9388	50-9388M	50-9388E
50-9398	50-9398M	50-9398E

**FULL OVERLAY**

D	K	3	4	5	6
H		17	18	19	20
0		15	16	17	18
2		13	14	15	16
4					

**HALF OVERLAY**

D	K	3	4	5	6
H		8	9	10	11
0		6	7	8	9
2		4	5	6	7
4					

**INSET TYPE**

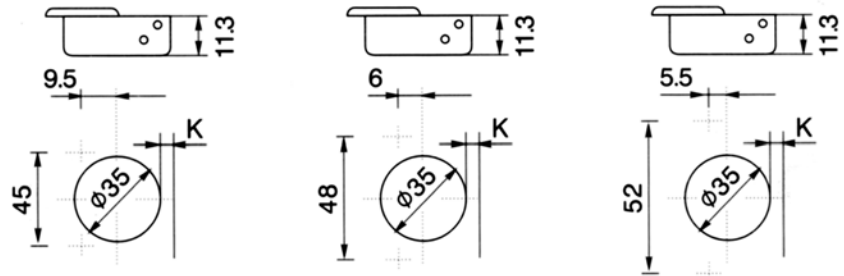
A	K	3	4	5	6
H		-1	-2	-3	-4
0		1	0	-1	-2
2		3	2	1	0
4					



**▲50-9320/50-9321/50-9322**  
**35mm CUP CONCEALED HINGE**  
**SLIDE-ON TYPE, TWO STAGE**

**OPENING 165°**

METAL CUP DRILLING SIZE



**H** = height of mounting plate  
**D** = required door overlay  
**K** = drilling distance from edge of door to edge of hole  
**A** = gap between door and side board

<p>Full overlay C=0</p>	<p><math>H = 14 + K - D</math></p>
<p>Half overlay C=8</p>	<p><math>H = 5 + K - D</math></p>
<p>Inset C=15</p>	<p><math>H = -2 + K + A</math></p>

STEEL SCREW-ON	STEEL KNOCK-IN	STEEL EURO SCREW-ON
	<p>DOWEL</p>	
50-9320	50-9320M	50-9320E
50-9321	50-9321M	50-9321E
50-9322	50-9322M	50-9322E

**FULL OVERLAY**

D	K	3	4	5	6	
H	K	-2	19	20	21	22
H	K	0	17	18	19	20
H	K	2	15	16	17	18
H	K	4	13	14	15	16

**HALF OVERLAY**

D	K	3	4	5	6	
H	K	-2	10	11	12	13
H	K	0	8	9	10	11
H	K	2	6	7	8	9
H	K	4	4	5	6	7

**INSET TYPE**


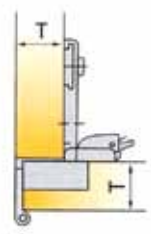

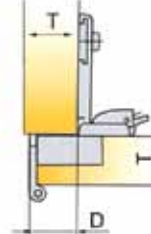
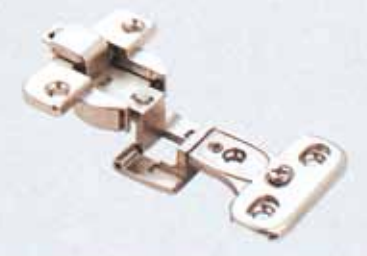
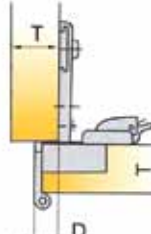

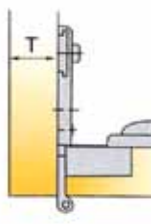
A	K	3	4	5	6	
H	K	-2	-2	-4	-5	-6
H	K	0	-1	-2	-3	-4
H	K	2	1	0	-1	-2
H	K	4	3	2	1	0

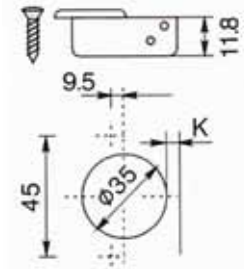
▲50-9361/50-9362/50-9363/50-9364  
**35mm CUP HINGE**  
**WIDE ANGLE TYPE**  
**MATERIAL:ZINC ALLOY**

**OPENING 270°**



**D** = required coverage on side panel  
**T** = panel thickness

 <p style="text-align: right;"><b>3/4"</b></p>	
 <p style="text-align: right;"><b>5/8"</b></p>	
 <p style="text-align: right;"><b>3/8"</b></p>	
 <p style="text-align: right;"><b>inset</b></p>	

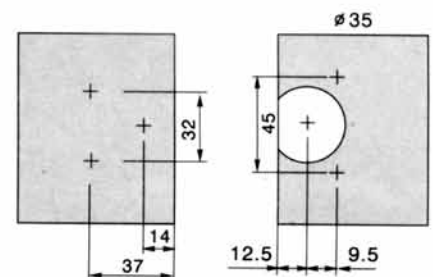
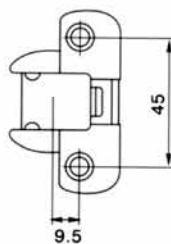
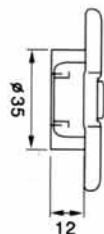
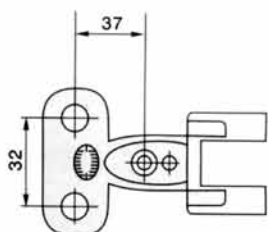


50-9361

50-9362

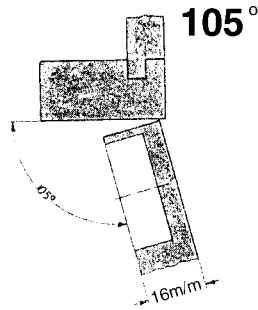
50-9363

50-9364

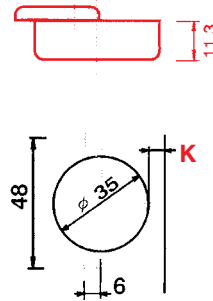


## OPENING 105°

### ▲50-9009 35mm CUP FACE FRAME HINGE ZINC ALLOY MOUNTING PLATE

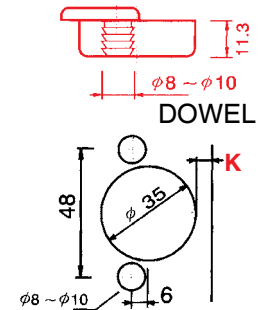


STEEL  
SCREW-ON



CA 50-9009  
CL 50-9009A

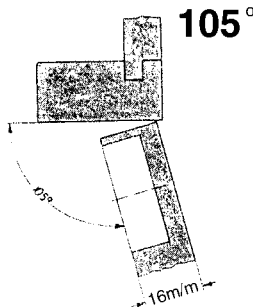
STEEL  
KNOCK-IN



50-9009M  
50-9009B

## OPENING 105°

### ▲50-9010 35mm CUP FACE FRAME HINGE ZINC ALLOY CUP



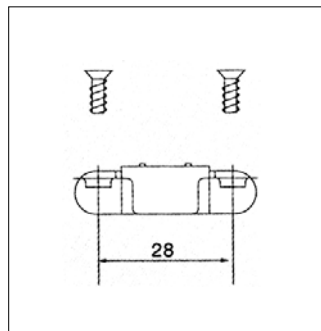
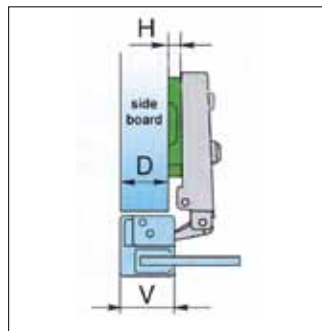
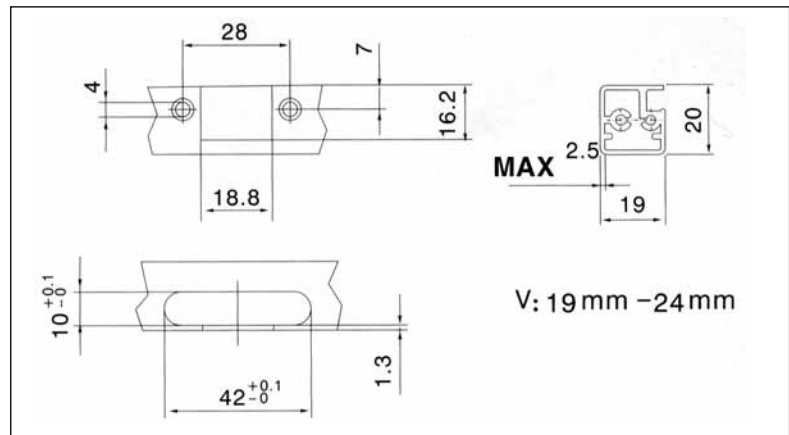
\*50-9010A FOR 1/2" FRAME  
\*50-9010B FOR 5/8" FRAME

## OPENING 95°

### ▲50-9011 ALUMINUM FRAME HINGE SLIDE-ON TYPE



Full overlay C=0

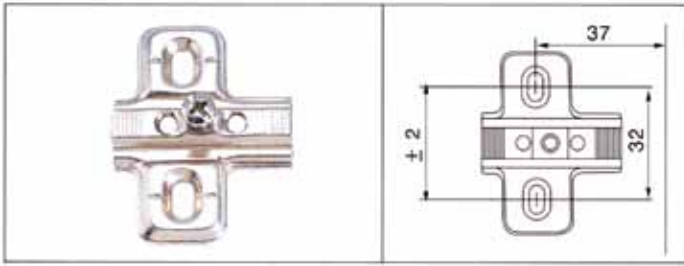






### FULL OVERLAY

D	V	19	20	21	22	23	24
H		19	20	21	22	23	24
	-2	19	20	21	22	23	24
	0	17	18	19	20	21	22
	2	15	16	17	18	19	20
	4	13	14	15	16	17	18

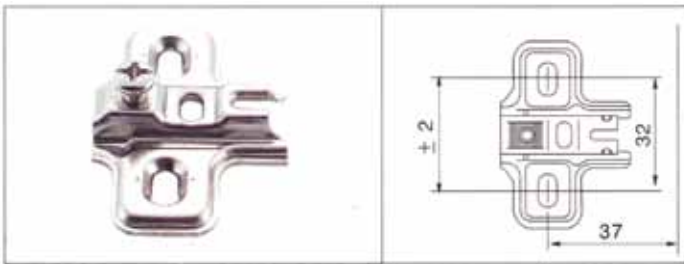
# STEEL MOUNTING PLATE





## FOR 26mm CUP CONCEALED HINGE KEYHOLE TYPE

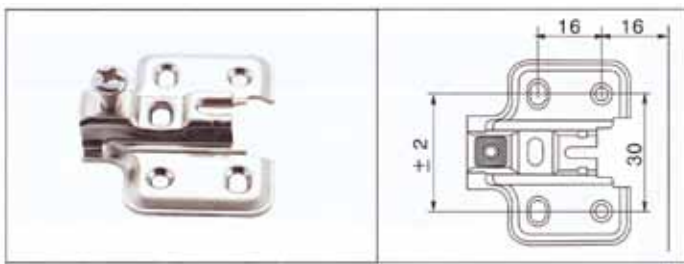






HEIGHT				
H = 0	H0A	H0B	H0C	H0D
H = 2	H2A	H2B	H2C	H2D
H = 4	H4A	H4B	H4C	H4D

## FOR 26mm CUP CONCEALED HINGE SLIDE-ON TYPE

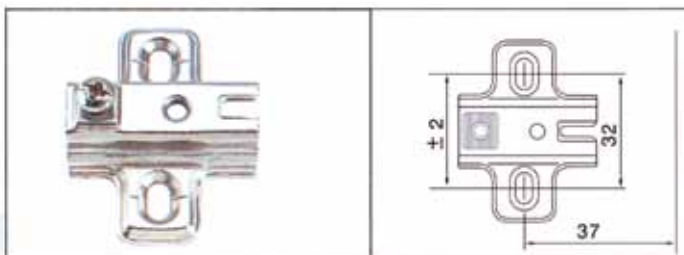






HEIGHT				
H = 1.5	15H10	15H12	15H13	15H14
H = 3.0	30H10	30H12	30H13	30H14
H = 4.5	45H10	45H12	45H13	45H14

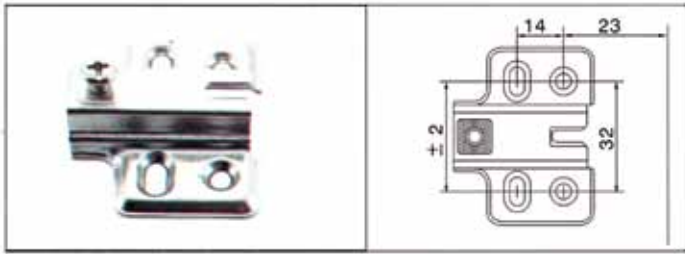






HEIGHT				
H = 1.5	15H30			
H = 3.0	30H30			
H = 4.5	45H30			

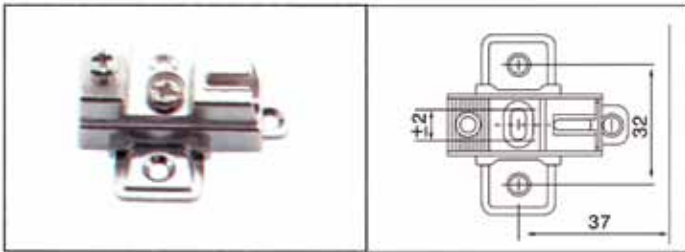
## FOR 35mm CUP CONCEALED HINGE SLIDE-ON TYPE







HEIGHT				
H = 0	H0AZ	H0BZ	H0CZ	H0DZ
H = 2	H2AZ	H2BZ	H2CZ	H2DZ
H = 4	H4AZ	H4BZ	H4CZ	H4DZ

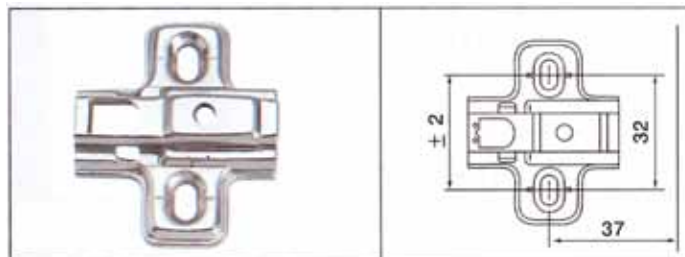






HEIGHT				
H = 2	H00EZ			
H = 4	H20EZ			
H = 4	H40EZ			

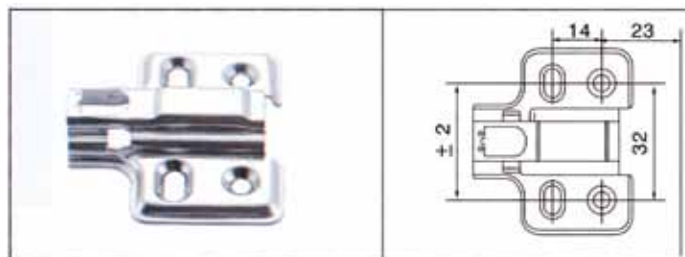






HEIGHT				
H = 0	H00FZ		H03FZ	
H = 2	H20FZ		H23FZ	
H = 4	H40FZ		H43FZ	

**FOR 35mm CUP CONCEALED HINGE  
CLIP-ON TYPE**







HEIGHT				
H = 0	H0AQ	H0BQ	H0CQ	H0DQ
H = 2	H2AQ	H2BQ	H2CQ	H2DQ
H = 4	H4AQ	H4BQ	H4CQ	H4DQ



HEIGHT				
H = 0	H00EQ			
H = 2	H20EQ			
H = 4	H40EQ			



HEIGHT				
H = 0	H00FQ		H03FQ	
H = 2	H20FQ		H23FQ	
H = 4	H40FQ		H43FQ	

# GLASS DOOR HINGE

## ▲50-321A

\*FOR INSET DOOR  
\*WITH PLASTIC WEDGE  
\*FOR 5mm THICKNESS GLASS  
\*BLACK/CHROME/BRASS



## ▲50-325A

\*FOR OVERLAY DOOR  
\*WITH PLASTIC SCREW  
OR BRASS SCREW  
\*40x20mm  
\*BLACK/CHROME/BRASS



## ■50-326A

\*FOR INSET DOOR  
\*WITH MACHINE SCREWS  
\*40x20mm  
\*BLACK/CHROME/BRASS



## ▲50-322A

\*FOR OVERLAY DOOR  
\*WITH MACHINE SCREWS  
\*40x15mm  
\*BLACK/CHROME/BRASS/A.B.



## ▲50-327A

\*WITH MACHINE SCREWS  
\*40x13mm  
\*BLACK/CHROME/BRASS



## ▲50-330A

\*WITH PLASTIC SCREWS  
\*40x20mm  
\*BLACK/CHROME/BRASS/BRONZE



## ▲50-323A

\*FOR WOOD DOOR  
\*40x17mm  
\*20mm HOLE CENTERS  
OR 32mm HOLE CENTERS



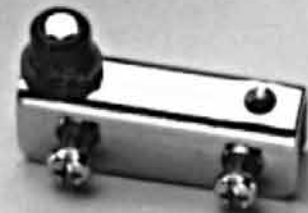
## ▲50-328A

\*WITH MACHINE SCREWS  
\*40x20mm  
\*BLACK/CHROME/BRASS/A.B.



## ▲50-331A

\*WITH MACHINE SCREWS  
\*40x13.5mm  
\*BLACK/CHROME/BRASS/A.B.



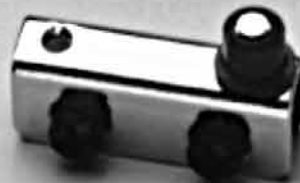
## ▲50-324A

\*WITH PLASTIC WEDGE  
\*FOR 5mm THICKNESS GLASS  
\*BLACK/CHROME/BRASS

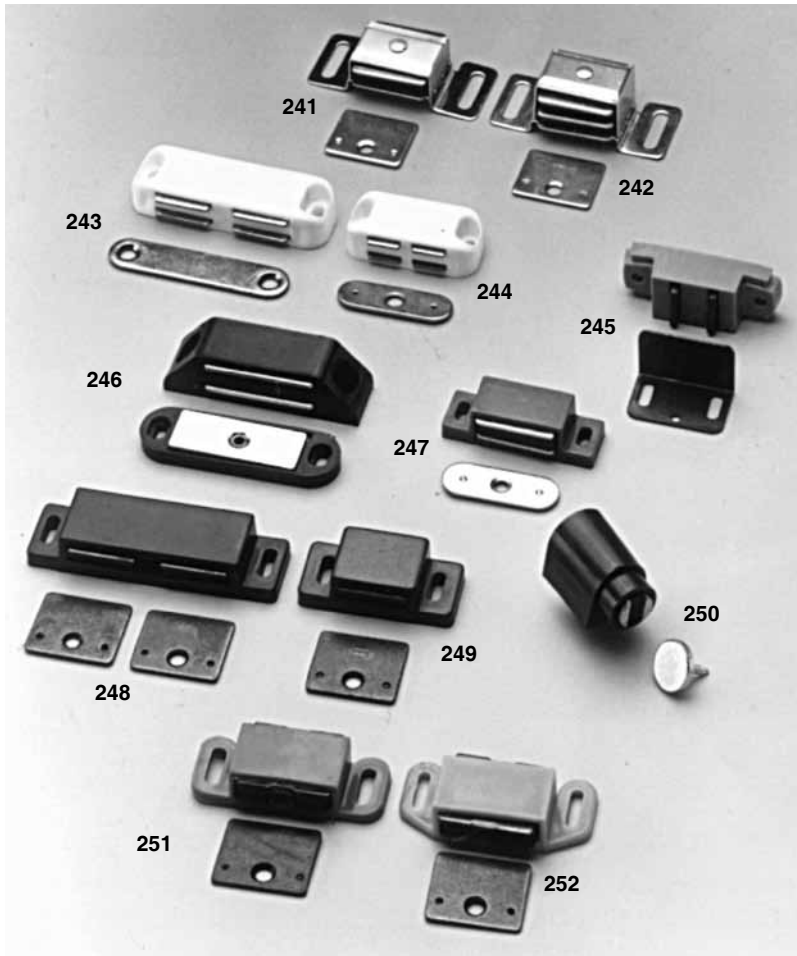


## ▲50-329A

\*WITH PLASTIC SCREWS  
\*40x13.5mm  
\*BLACK/CHROME/BRASS/A.B.



# MAGNETIC CATCH

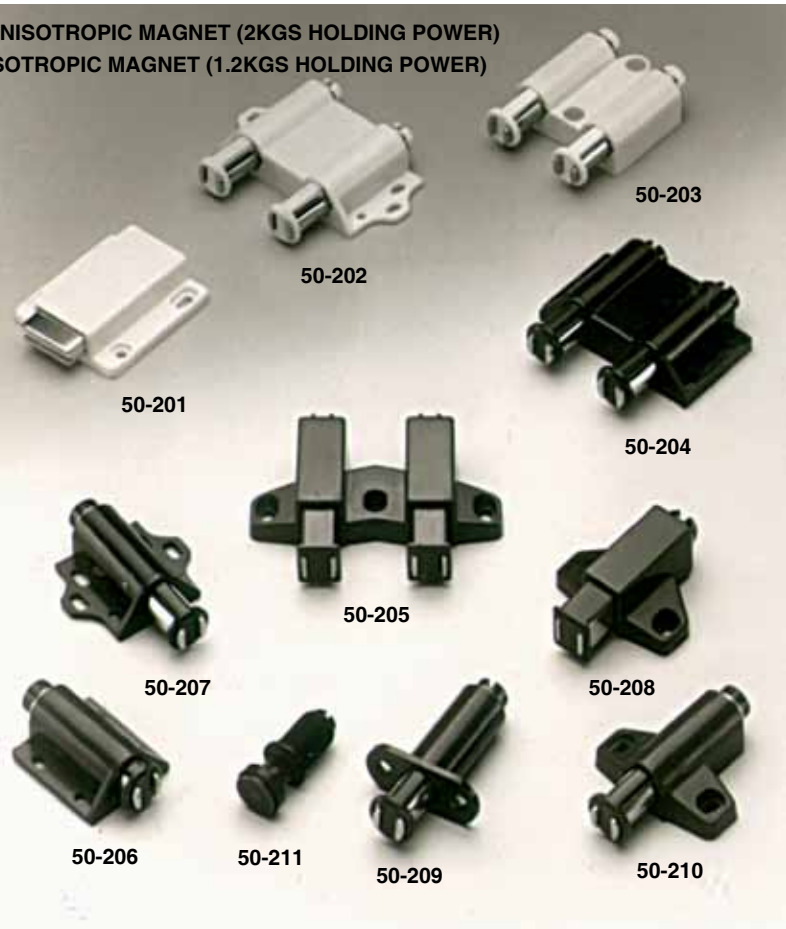


ITEM NO.	SIZE (m/m)
●50-241	57x25x16H
●50-242	57x25x22H
▲50-243	70x19x12H
▲50-244	41x19x12H
●50-245	47x19x12H
▲50-246	63x16x15H
▲50-247	44x16x12H
▲50-248	72x22x12H
▲50-249	44x22x12H
▲50-251	52x22x12H
▲50-252	50x25x12H

# MAGNETIC PUSH LATCH

ITEM NO.	DESCRIPTION
●50-201	RECTANGLE PUSH LATCH
●50-202	ROUND PUSH LATCH 32mmc.c.
●50-203	ROUND PUSH LATCH 32mmc.c.
■50-204	ROUND PUSH LATCH
■50-205	SQUARE PUSH LATCH 32mmc.c.
■50-206	ROUND PUSH LATCH
●50-207	ROUND PUSH LATCH 32mmc.c.
■50-208	SQUARE PUSH LATCH 32mmc.c.
●50-209	ROUND PUSH LATCH
●50-210	ROUND PUSH LATCH 32mmc.c.
▲50-211	DRILL-IN

ANISOTROPIC MAGNET (2KGS HOLDING POWER)  
ISOTROPIC MAGNET (1.2KGS HOLDING POWER)





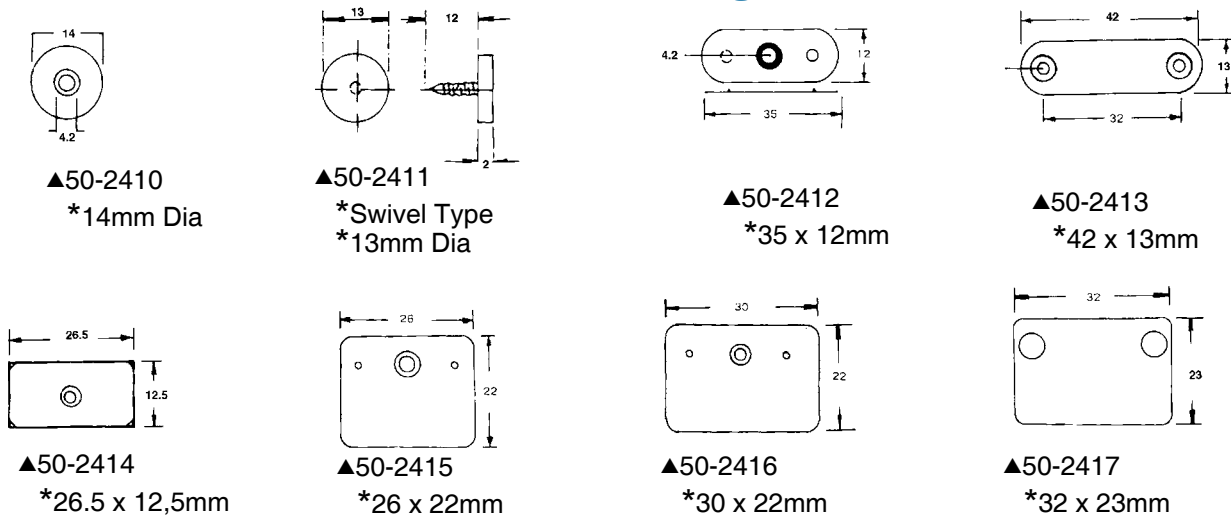
ITEM NO.		DESCRIPTION
▲50-523A		Catch Plate *With Eva Cushion *40x24.5mm
■50-524A		Handle Plate *With Eva Cushion *40x23mm
●50-527A		Audio Hinge Support *For Inset Door *16mm c.c. & 32mm c.c.
●50-5211		Zinc Alloy Glass Door Hinge *For Inset Door *With 1 pc Upper Hinge & 1 pc Lower Hinge *With 2 pcs Plastic or Solid Brass Screws
■50-5212		Glass Door Hinge *With Plastic Screws *20 x 21mm
▲50-5213A		Wood Door Pivot Hinge *With 2 pcs Wood Screws. 2 pcs Hinges & 2 pcs Bushings
▲50-5213B		Wood Door Pivot Hinge *With 2 pcs Wood Screws. 2 pcs Hinges & 2 pcs Bushings
■50-523B		Wood Door Pivot Hinge *32mm Hole Centers *With 1 pc Upper Hinge & 1 pc Lower Hinge *With 2 pcs Plastic Bushings & 2 pcs Wood Screws



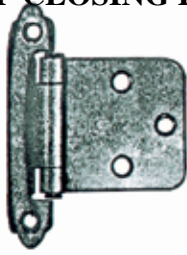


ITEM NO.	DESCRIPTION
▲50-2010	Magnetic Catch *Knock-in Type
●50-2011	Magnetic Catch *5mm Dowels *32mm Hole Centers *Adjustable
▲50-2012	Magnetic Catch *45mm Hole Centers
■50-2014	Magnetic Puch Latch *32mm Hole Centers
■50-2015	Magnetic Catch *6mm Dowels *32mm Hole Centers
●50-2016	Magnetic Catch
▲50-2017	Magnetic Catch *32mm Hole Centers *Adjustable
▲50-2018	Magnetic Catch *25mm Hole Centers *Adjustable
▲50-2019	Magnetic Catch *75mm Hole Centers *Adjustable

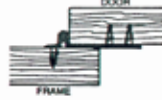
### Catch Plate For Magnetic Catch



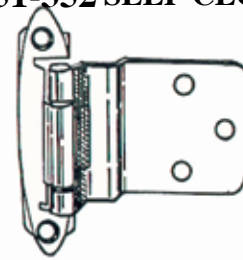
**■51-351 SELF CLOSING HINGE**



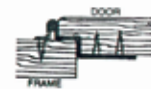
- \*For Overlay Doors
- \*Spring Action



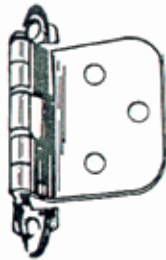
**■51-352 SELF CLOSING HINGE**



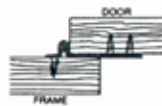
- \*For 3/8" inset doors
- \*Spring Action



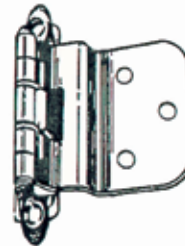
**▲51-353 SELF CLOSING HINGE**



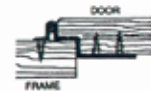
- \*5 knuckles
- \*For Overlay Doors
- \*Spring Action



**▲51-354 SELF CLOSING HINGE**



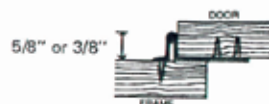
- \*5 Knuckles
- \*For 3/8" inset Doors
- \*Spring Action



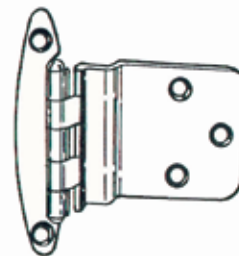
**▲51-3510 NON-SELF CLOSING HINGE**



- \*For Overlay Doors
- \*Without Spring Action



**▲51-3511 NON-SELF CLOSING HINGE**



- \*For 3/8" Inset Doors
- \*Without Spring Action



**●51-357 SELF CLOSING HINGE**

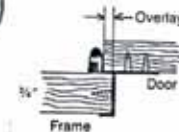


- \*For Overlay Doors
- \*Provides 1/4" Overlay.
- \*Two Slot Holes in Frame Wing



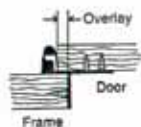
**■51-356 SELF CLOSING HINGE**

- Full Wrap-Around
- \*Two Slot Holes in Door Wing
- One Slot Hole in Frame Wing
- \*For 1/4", 3/8", 1/2", 5/8" Overlay



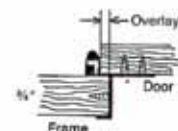
**■51-358 SELF CLOSING HINGE**

- Partial Wrap-Around
- \*Two Slot Holes in Frame Wing
- \*For 1/4". 3/8". 1/2". 5/8" Overlay



**■51-359 SELF CLOSING HINGE**

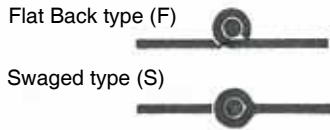
- Full Wrap-Around
- \*One Slot Hole in Frame Wing
- \*For 1/4", 3/8", 1/2". 5/8" Overlay



**▲51-540 FLUSH HINGE**



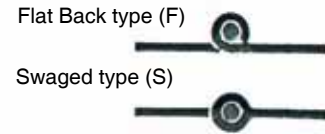
\*Size: 2"  
\*Flat or Swaged Type



**▲51-5401 FLUSH HINGE**



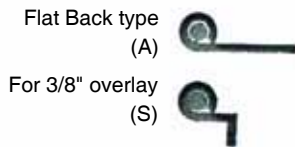
\*Size: 2-1/2", 3"  
\*Flat or Swaged type



**▲51-5402 FLUSH HINGE**



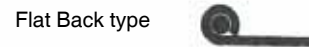
\*Size: 2"  
\*With Finial Head



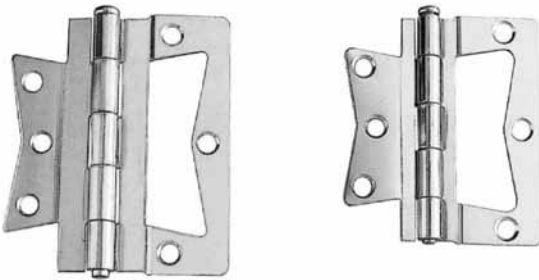
**▲51-5403 FLUSH HINGE**



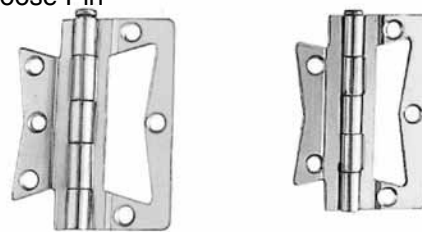
\*Size: 2-1/2", 3"  
\*With Finial Head



**▲51-5404 NON-MORTISE HINGE SERIES**



\*Size: 2-1/2", 3", 3-1/2", 4"  
\*Loose Pin



**■51-5405 SIX-FINGER HINGE**



\*Size: 3-1/2" x 3-5/8"

**■51-5406 PIVOT HINGE**



\*For 5/8" or 3/4" thick Overlay doors

**●51-5407 CENTER LEAF HINGE**

\*Specially designed to hinge the folding centre leaves of an extension table, allowing one to fold over exactly on top of the other, Hinge is concealed under table leaves when open.  
180° opening angle.  
\*25mm Panel Thickness



**■51-5408 SCISSORS HINGE**



(A) LEFT ARM

(B) RIGHT ARM



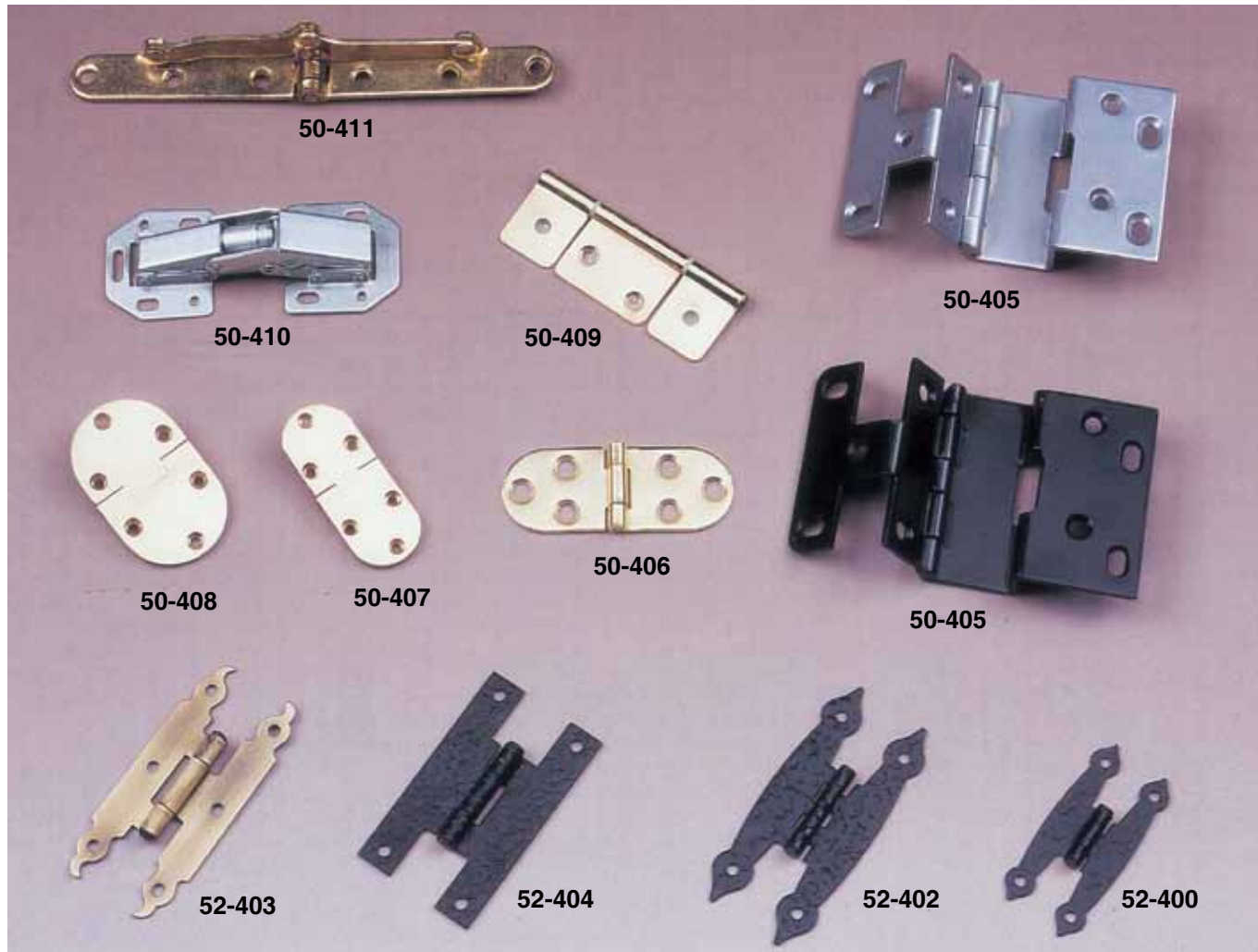
(C) DOUBLE ARM

# HINGES



ITEM NO.	SIZE
●51-5431	3"
●51-5432	2 -1/4"
●51-5433	2"
▲51-5434	2 -1/2"
■51-5435	2 -1/2". ROUND HEAD OR CROWN HEAD
▲51-5436	2"
▲51-5437	2"
▲51-5438	2"
▲51-5439	2"
▲51-5440	33 x 121 x 1.4mm THICK

# CABINET HINGES



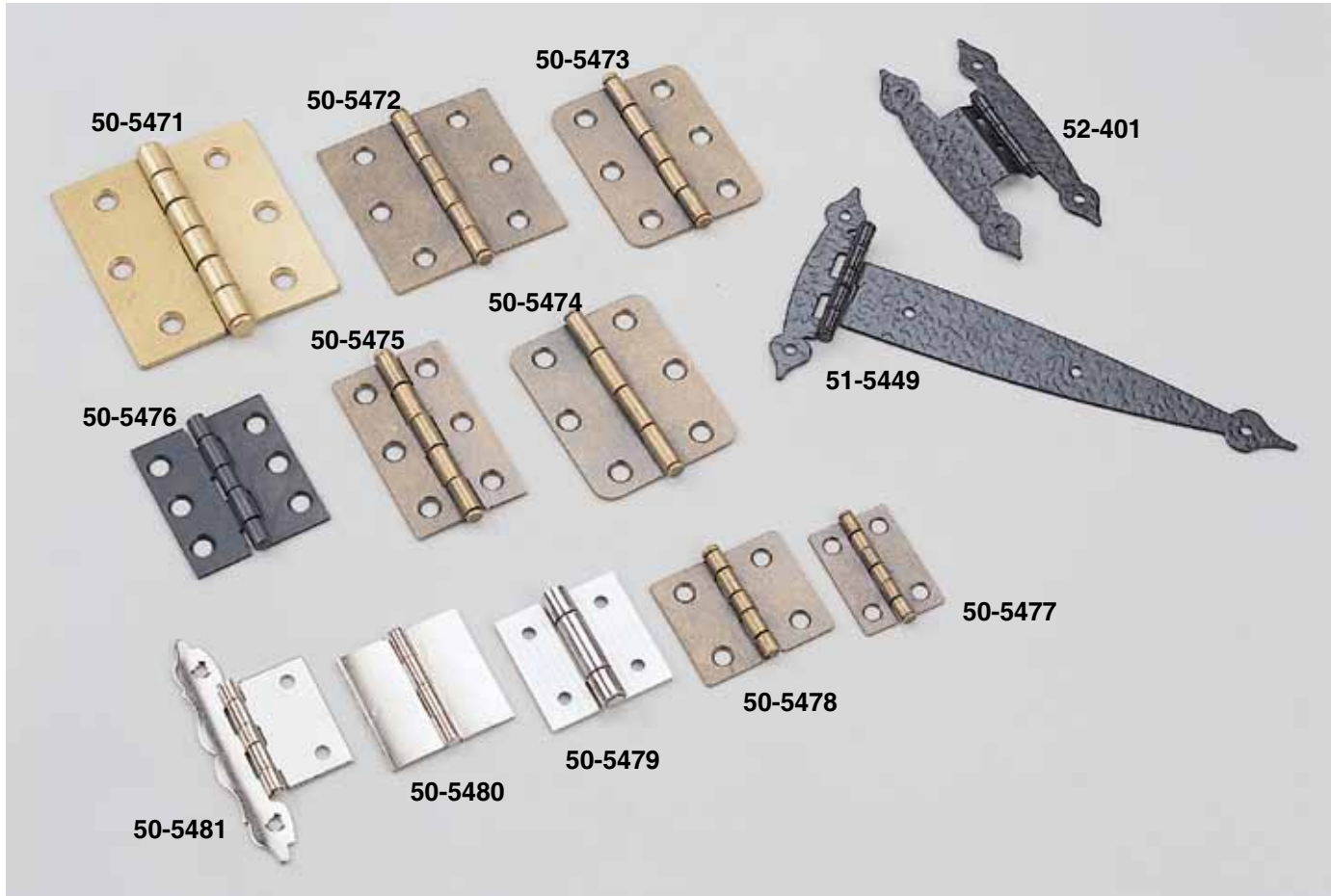
ITEM NO.	DESCRIPTION
▲50-405	INSTITUTIONAL HINGE 270 DEGREE
●50-406	SEWING MACHINE HINGE
■50-407	BUTLER TRAY HINGE, 1"X2-1/2"
■50-408	BUTLER TRAY HINGE, 1-1/2"X2-1/2"
■50-409	3-1/2" THREE LEAF FLAG HINGE
▲50-410	HOLDING HINGE
●50-411	7" OPEN, 180 DEGREE STOP HINGE
▲52-400	MINI FLUSH HAMMERED "H" HINGE
▲52-402	3" FLUSH HAMMERED "H" HINGE
▲52-403	FANCY "H" HINGE
▲52-404	3" HAMMERED SQUARE "H" HINGE

# HINGES

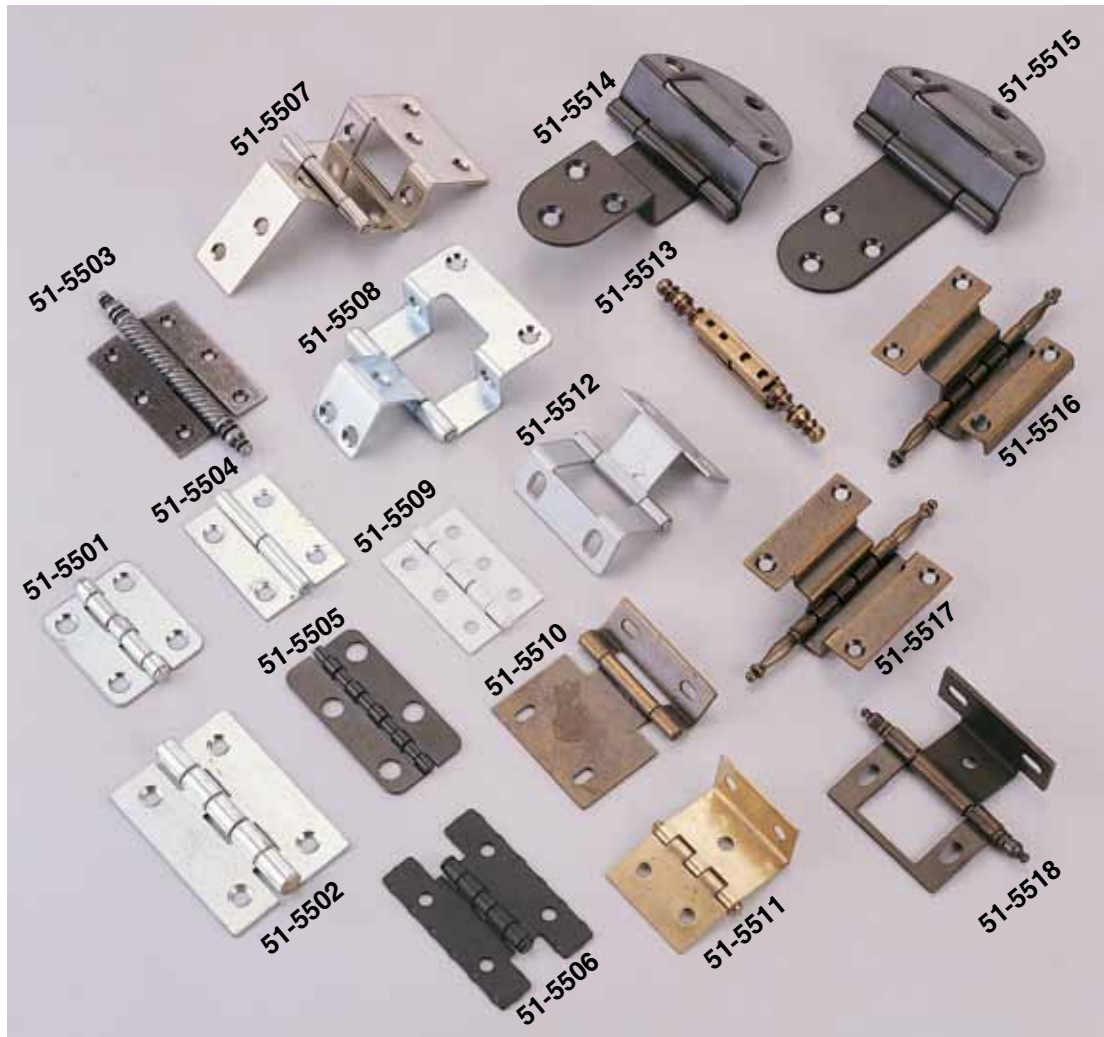


ITEM NO.	DESCRIPTION
▲51-5451	NON-MORTISE HINGE, 3" LEAF
▲51-5452	NON-MORTISE HINGE, 2" LEAF
■51-5453	NON-MORTISE HINGE, 2" LEAF
▲51-5454	NON-MORTISE HINGE, 2" LEAF
▲51-5455	NON-MORTISE HINGE, 2" LEAF
●51-5456	NON-MORTISE HINGE, 2" LEAF
●51-5457	NON-MORTISE HINGE, 2" LEAF
▲51-5458	WRAP AROUND HINGE, 2" LEAF, 1-1/16" & 9/32" RETURN
▲51-5459	WRAP AROUND HINGE, 2" LEAF, 1-3/16" RETURN
▲51-5460	WRAP AROUND HINGE, 3" LEAF, 1-1/16" RETURN
▲51-5461	WRAP AROUND HINGE, 2" LEAF, 3/4" RETURN
▲51-5462	WRAP AROUND HINGE, 2-1/2" LEAF, 1" RETURN
▲51-5463	WRAP AROUND HINGE, 1-1/2" LEAF, 7/8" RETURN
▲51-5464	BUTT HINGE, 1-1/2" x 2-7/16" x 1.2mm

# HINGES

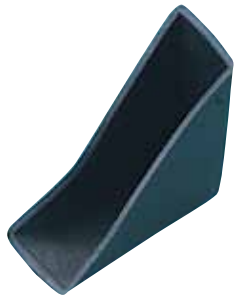


ITEM NO.	DESCRIPTION
▲52-401	HAMMERED "H" HINGE, 3.5", 3/8" OFFSET
▲51-5449	HAMMERED "T" HINGE, 6" x 1.4mm
▲50-5471	BUTT HINGE, 3" x 2-3/4" x 2.0mm
▲50-5472	BUTT HINGE, 2-1/2" x 2-1/2" x 1.5mm
▲50-5473	BUTT HINGE, 2-1/2" x 2" x 1.5mm, 5 KNUCKLES
▲50-5474	BUTT HINGE, 2-1/2" x 2" x 1.5mm, 4 KNUCKLES
▲50-5475	BUTT HINGE, 2-1/2" x 1-1/2" x 1.5mm
▲50-5476	BUTT HINGE, 2" x 1-3/4" x 1.5mm
▲50-5477	BUTT HINGE, 1-1/2" x 1-1/16" x 1.0mm
▲50-5478	BUTT HINGE, 1-1/2" x 1-3/4" x 1.2mm
▲50-5479	STAINLESS STEEL HINGE, 1-9/16" x 1-9/16" x 2.0mm
▲50-5480	DOUBLE WINGS HINGE, 1-9/16" x 1-9/16" x 1.5mm
▲50-5481	NON-SELF CLOSING HINGE, 1-1/2" LEAF



ITEM NO.	SIZE
▲51-5501	1-7/8" x 1-9/16" x 1.7mm
▲51-5502	70 x 50 x 2.0mm
▲51-5503	LIFT-OFF HINGE 2-3/8" x 1-5/8" x 1.4mm
▲51-5504	LIFT-OFF HINGE 2" x 1-7/16" x 1.5mm
▲51-5505	2.5" x 1-1/4" x 1.0mm
▲51-5506	" H" HINGE, 2.5" x 1-19/32" x 1.6mm
▲51-5507	2-3/16" L, 7/8" INSET
▲51-5508	2-3/8" L x 3/4" INSET
▲51-5509	2" x 1-3/8" x 1.2mm
▲51-5510	2" L, 3/8" OFFSET
▲51-5511	1.5" L, 7/8" RETURN
▲51-5512	2" L, 3/4" OVERLAY
▲51-5513	1-9/16"
▲51-5514	2-13/16" L, 3/4" OFFSET
▲51-5515	2-13/16"
▲51-5516	2"
▲51-5517	2"
▲51-5518	2" CABINET HINGE, 3/4" DOOR, MINARET TIP PIN





**▲50-5620 PLASTIC CORNER PROTECTOR**

\*44 x 44 x 20mm



**●50-5621 CORNER PROTECTOR**

\*PLASTIC TRANSPARENT  
\*50 x 50 x 17mm THICK



**●50-5622 PLASTIC HOOK**

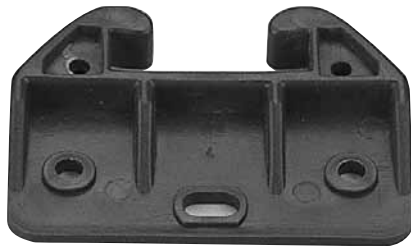
\*W/ SPRING ACTION

**●50-5623 PLASTIC CORNER CONNECTOR**



\*47 x 22 x 15mm THICK

**●50-5624 PLASTIC DRAWER GUIDE**



**▲50-5080 DOUBLE BALL CATCH**

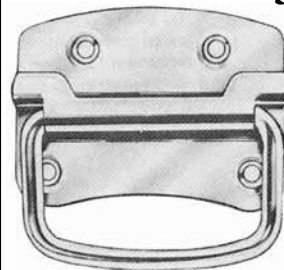


\*SOLID BRASS  
\*31mm x 9mm



**■50-4091 THREE LEAF FLAG HINGE**

\*3-1/2"  
\*W/CROWN PIN



**■50-5626 CHEST HANDLE**

\*STEEL. Z.P. or BLACK PAINTED  
\*SIZE:3". 3-1/2". 4"

**▲50-311 STEEL CHEST CLAP**

\*HOOK & LATCH  
\*SCREW ADJUSTABLE



**▲50-312 TOGGLE FASTENER**

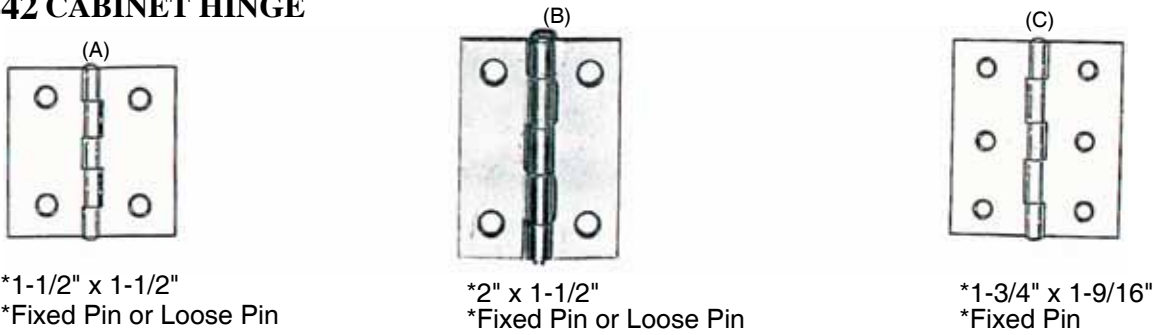
\*HOOK & LATCH



●51-5441 ORNAMENTAL HINGE



●51-5442 CABINET HINGE



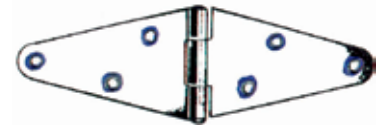
▲51-5443 LIGHT STRAP HINGE

\*Sizes: 2" x 1.4mm thickness  
 3" x 1.4mm  
 4" x 1.4mm  
 5" x 1.6mm  
 6" x 1.6mm



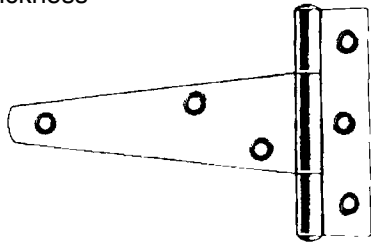
▲51-5444 HEAVY DUTY STRAP HINGE

\*sizes: 4" x 2.1mm thickness  
 5" x 2.3mm  
 6" x 2.3mm  
 8" x 2.8mm  
 10" x 3.0mm



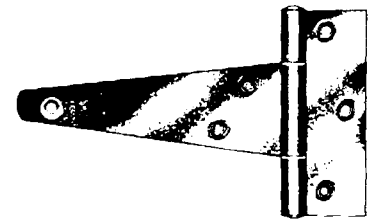
▲51-5445 LIGHT T- HINGE

\*sizes: 2" x 1.4mm thickness  
 3" x 1.4mm  
 4" x 1.4mm  
 5" x 1.6mm  
 6" x 1.6mm



▲51-5446 HEAVY DUTY T-HINGE

\*sizes: 4" x 2.1mm thickness  
 5" x 2.3mm  
 6" x 2.6mm  
 8" x 2.8mm  
 10" x 3.0mm



▲51-5447 BRASS CYLINDER HINGE



\*sizes: 10mm DIA  
 12mm DIA  
 14mm DIA  
 16mm DIA  
 18mm DIA  
 22mm DIA



●51-5448 FOLDING SCREEN HINGE

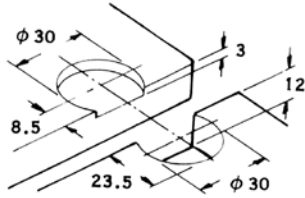
\*For 3/4", 1", 1-1/4"  
 Frame Thickness





### ▲51-5409 HEAVY DUTY PIVOT HINGE

- \*MATERIAL: STAINLESS STEEL
- \*FOR DOORS UP TO 32mm THICKNESS
- \*OPENING ANGLE: 180° UP TO 270°



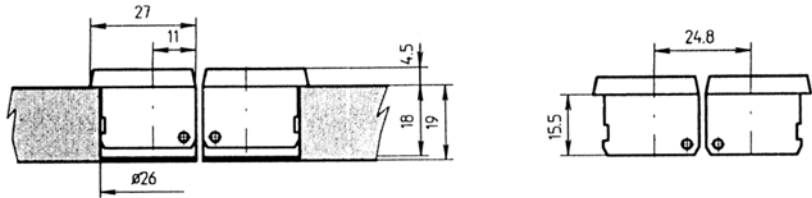
### ●51-5410 CONCEALED FLAP HINGE

- \*SIZE: 47 x 30mm
- \*MATERIAL: ZINC ALLOY
- \*NICKEL PLATED



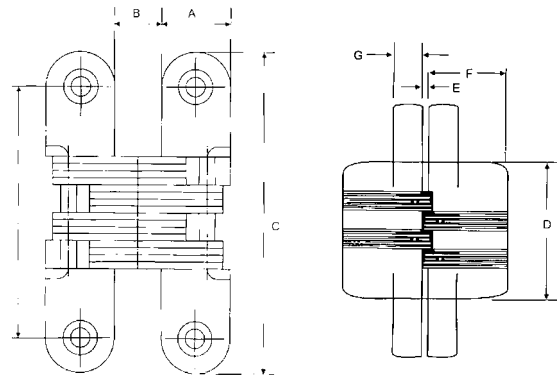
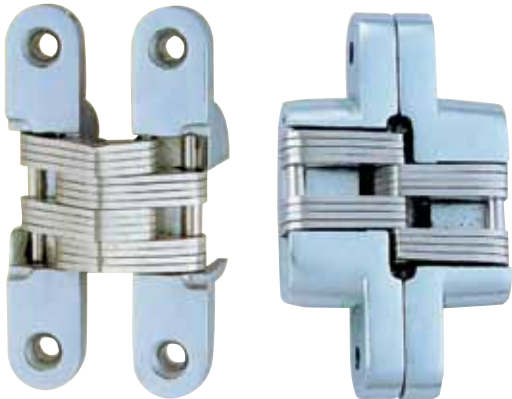
### ▲51-5411 PLASTIC TABLE HINGE

- \*SIZE: 46 x 27 x 18mm
- \*90° & 180° OPENING



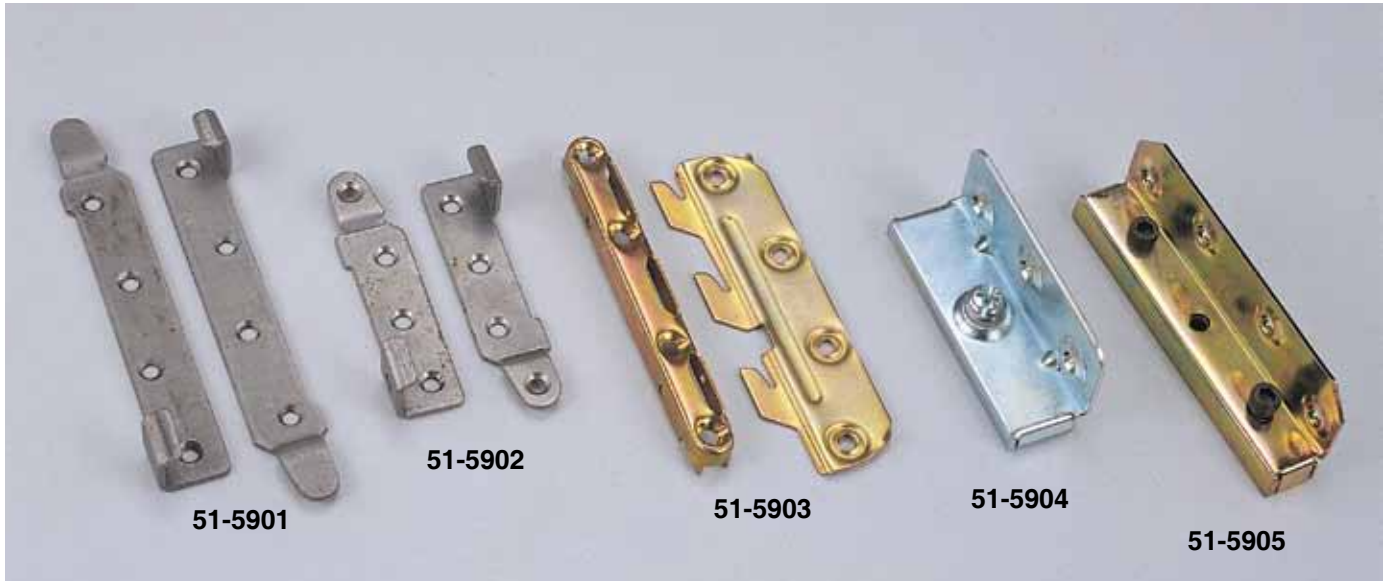
### ▲51-5450 ZINC ALLOY CONCEALED HINGE

- \*ZINC ALLOY SHELL
- STAINLESS STEEL KNUCKLES & PINS



Dimension	ITEM NO.							
	5450-3	5450-4	5450-5	5450-6	5450-7	5450-8	5450-9	
A	12.70mm	12.70mm	15.80mm	19.05mm	25.40mm	28.58mm	34.93mm	
B	9.13mm	9.13mm	11.51mm	13.49mm	18.26mm	22.23mm	26.99mm	
C	44.45mm	60.33mm	69.85mm	95.25mm	117.48mm	117.48mm	139.70mm	
D	19.05mm	31.75mm	34.13mm	52.39mm	65.88mm	61.91mm	74.61mm	
E	79.00mm	1.59mm	1.19mm	1.19mm	1.59mm	1.59mm	1.59mm	
F	18.26mm	18.26mm	23.02mm	27.38mm	36.51mm	40.48mm	49.21mm	
G	4.76mm	6.35mm	7.14mm	9.53mm	11.91mm	10.32mm	11.91mm	

# ▲ BED FITTING



ITEM NO.	SIZE
▲51-5901	145mm L
●51-5902	95mm L
▲51-5903	130mm L (3 Hooks)
■51-5904	90mm L
●51-5905	120mm L



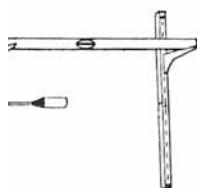
ITEM NO.	SIZE
▲51-5917S	90mm L
▲51-5917L	132mm L
▲51-5918	132mm L
▲51-5919	96mm L STEEL HANGER

## ●70-7601 SHELF SYSTEM

- \*EPOXY COATED OR CHROME STRIPPING
- \*ACRYLIC CLIP

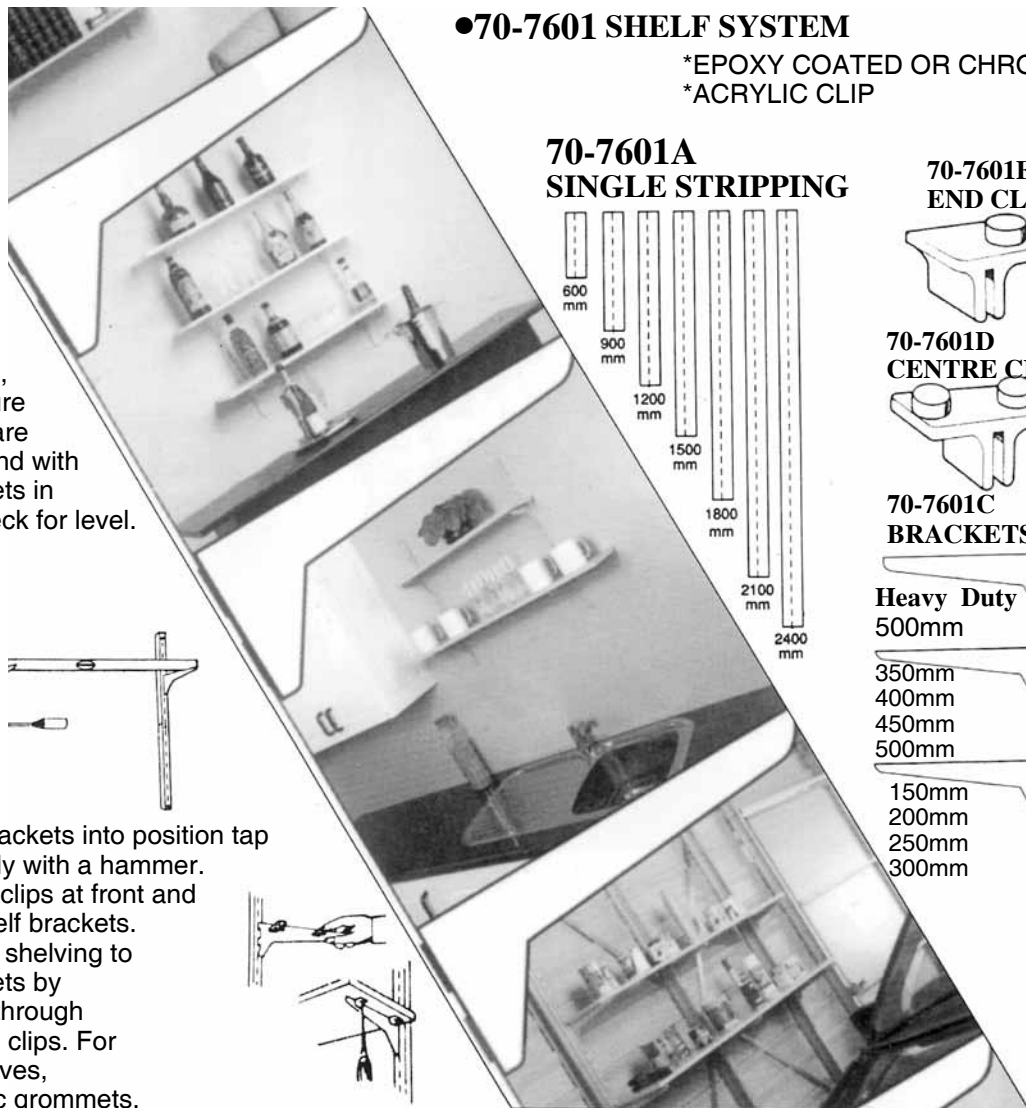
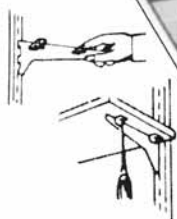
### EASY TO FIX

1. Fixing the stripping to the wall, making sure that they are vertical, and with the brackets in place, check for level.

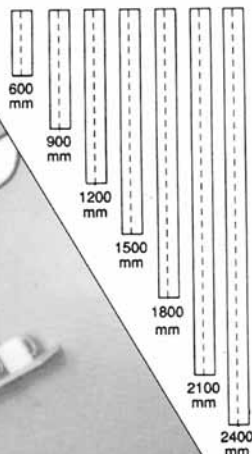


To lock brackets into position tap down firmly with a hammer.

2. Fit plastic clips at front and rear of shelf brackets.
3. Fix timber shelving to the brackets by screwing through the plastic clips. For glass shelves, use plastic grommets.



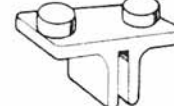
### 70-7601A SINGLE STRIPPING



### 70-7601E END CLIP



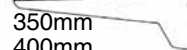
### 70-7601D CENTRE CLIP



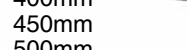
### 70-7601C BRACKETS



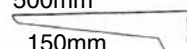
Heavy Duty  
500mm



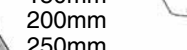
350mm



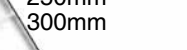
400mm



450mm



500mm



150mm



200mm



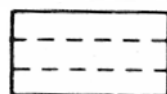
250mm



300mm

### 70-7601B DOUBLE SLOT STRIPPING

Available in chrome, white or black

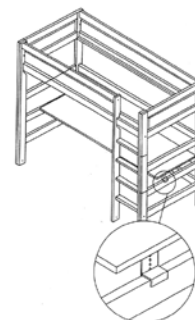
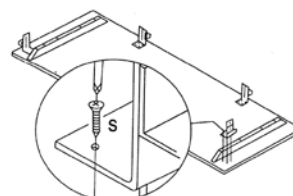
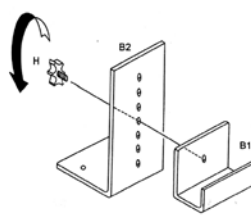
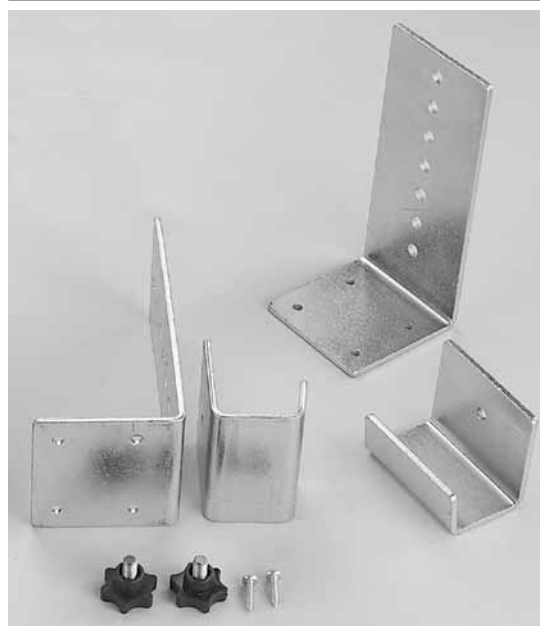


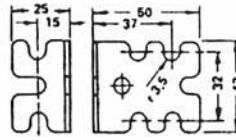
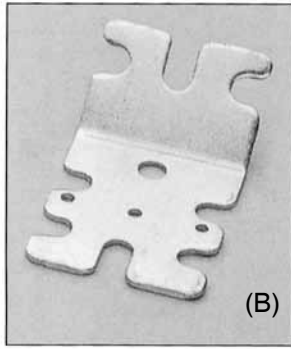
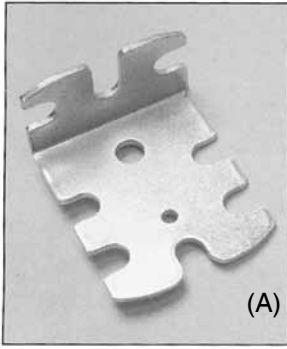
1,800mm  
2,100mm  
2,400mm

## ▲51-5920 BED BRACKET FITTING

### \*ACCESSORIES

- 4 PCS OF L BRACKET, 60 x 135 x 63 x 3.0mm
- 4 PCS OF U BRACKET, 49 x 30 x 25 x 3.0mm
- 4 PCS OF PLASTIC GLIDE, M6 THREAD
- 16 PCS OF SCREWS, 3.5 x 15mm. PH

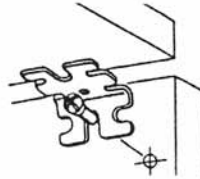




**SYSTEM 32  
KNOCK-DOWN**

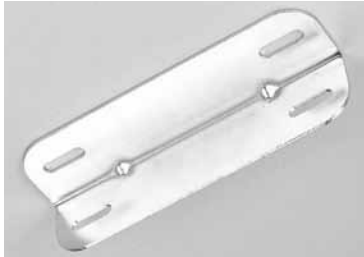
**▲51-5908 STEEL BRACKET**

\*Z.P.  
\*(A) 90 DEGREE  
(B) 45 DEGREE



**▲51-5909 CORNER BRACKET**

\*STEEL Z.P  
\*153 x 38mm



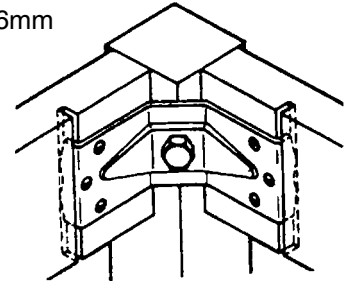
**▲51-5910 STEEL BRACKET**

\*Z.P  
\*101 x 59mm



**▲51-5911 LEG TRUSS BRACKET**

\*STEEL Z.P  
\*125 x 56mm



**▲51-5912 CORNER BRACKETS-ZINC PLATED**

7/8" x 7/8"	(22mm x 22mm)
1-1/2" x 1-1/2"	(40mm x 40mm)
2" x 2"	(50mm x 50mm)
2-1/2" x 2-1/2"	(65mm x 65mm)
4" x 5"	(100mm x 125mm)

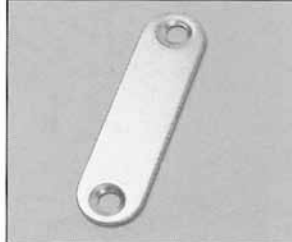
**▲51-5913 JOINER**

SIZE:76 x 16mm



**▲51-5914 JOINER**

SIZE:48mm x 12mm



**▲51-5915 JOINER**

RAISED KEY HOLE  
SIZE:45 x 16mm



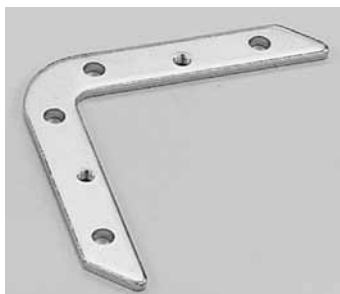
**▲51-5916 JOINER**

FIGURE EIGHT



**▲51-5930 STEEL BRACKET**

\*78mm x 78 x 3.2mm  
\*Z.P.



**▲51-5931 STEEL BRACKET**

\*95mm x 58 x 2.3mm  
\*Z.P.





**▲51-5921 STEEL BRACKET**

\*SIZE:95 x 95mm  
\*WIDTH:30mm  
\*THICKNESS:1.5mm



**▲51-5922 CORNER BRACKET**

\*SIZE:63 x 63mm  
\*WIDTH:60mm  
\*THICKNESS:2.0mm  
\*STEEL



**▲51-5923 CORNER BRACKET**

\*SIZE:95 x 95mm  
\*WIDTH:41mm  
\*THICKNESS:1.5mm  
\*STEEL



**▲51-5924 STEEL BRACKET**

\*SIZE:32 x 100mm  
\*WIDTH:25mm  
\*THICKNESS:3.0mm



**▲51-5925 STEEL BRACKET**

\*SIZE:55 x 55mm  
\*WIDTH:16mm  
\*THICKNESS:2.5mm



**▲51-5926 STEEL HOOK**

\*SIZE:86mm L  
\*WIDTH:15.5mm  
\*THICKNESS:3.0mm



**▲51-5927 STEEL HOOK**

\*SIZE:64mm L  
\*WIDTH:16mm  
\*THICKNESS:3.0mm



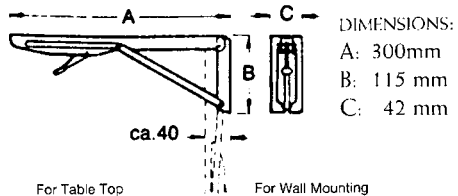
**▲51-5928 STEEL HOOK**

\*SIZE:88mm L  
\*WIDTH:16mm  
\*THICKNESS:2.8mm



**▲51-5929 STEEL HOOK**

\*SIZE:91mm L  
\*WIDTH:13mm  
\*THICKNESS:3.0mm

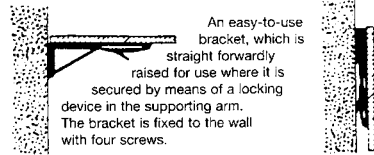


**DIMENSIONS:**  
 A: 300mm  
 B: 115 mm  
 C: 42 mm

### ●70-7603 FOLDING SHELF BRACKET

WITH LOCKING DEVICE SUPPORT ARM  
 Load bearing capacity: up to 50kg per pair  
 Finish: steel, white painted

\*EPOXY COATED



An easy-to-use bracket, which is raised straight forwardly for use where it is secured by means of a locking device in the supporting arm. The bracket is fixed to the wall with four screws.

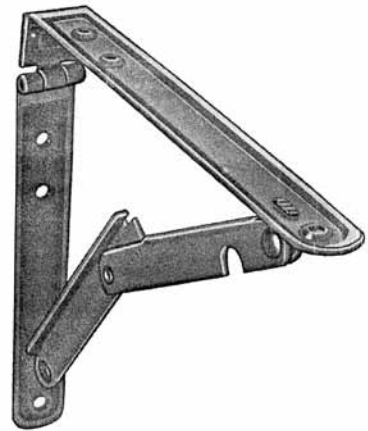
To fold, lift slightly to release the safety device. Press the release lever and the bracket will fold down.



### ▲70-7604 FOLDING SHELF BRACKET



\*STEEL, EPOXY COATED  
 \*SIZE: 6" x 6"  
 8" x 8"  
 10" x 10"  
 12" x 12"  
 16" x 16"



### ▲70-7605 SHELF BRACKET

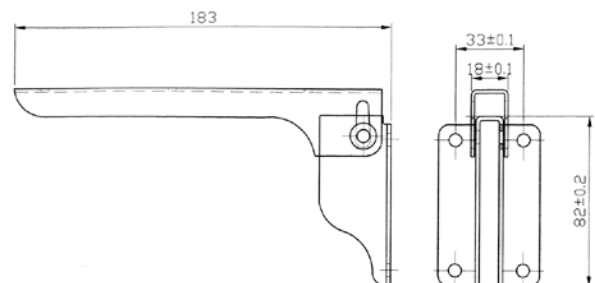


\*STEEL, EPOXY COATED  
 \*SIZE: 3" x 4"  
 4" x 5"  
 5" x 6"  
 6" x 8"  
 8" x 10"  
 10" x 12"  
 12" x 14"

### ▲70-7609 FOLDING SHELF BRACKET

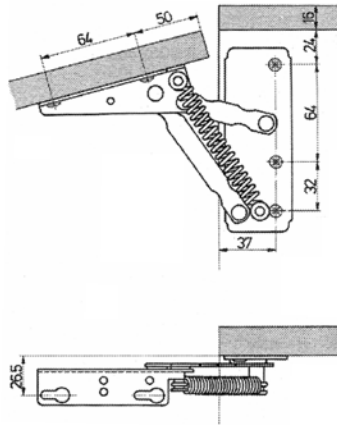


\*STEEL, CHROME PLATED  
 \*180mm OVERALL LENGTH



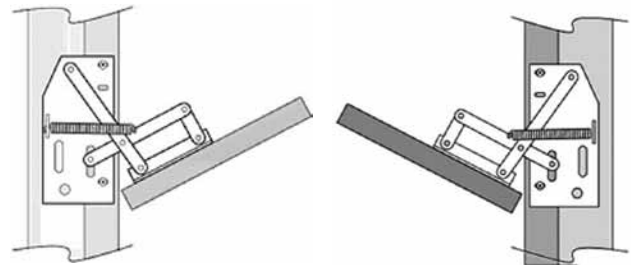


●70-7606 LIFT-UP HINGE



- \*STEEL, EPOXY COATED
- \*OPEN 75 DEGREE
- \*WITH SPRING SAFETY DEVICE
- \*ADJUSTABLE TENSION

■70-7610 SCISSOR HINGE

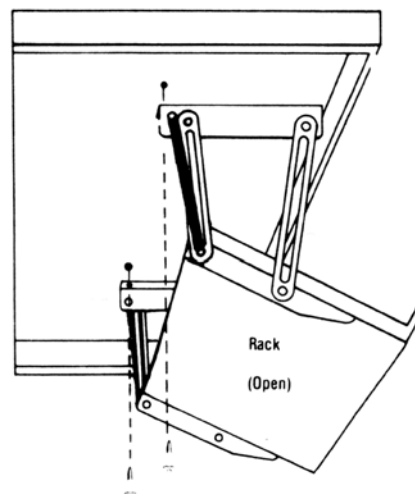


- \*STEEL, NICKEL PLATED
- \*HEIGHT: 3-3/4"
- \*WIDTH: 3/4"
- \*DEPTH: 1-3/4"

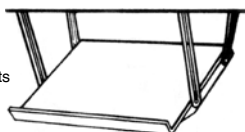
●70-7608 CABINET AIDS DISPLAY RACK



- \*STEEL, NICKEL PLATED
- \*SPRING MECHANISM



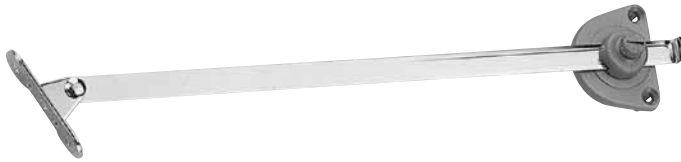
- This Set Includes:**
- (1) Assembled rack
  - (2) Four wood screws
  - (3) Four machine screws with nuts





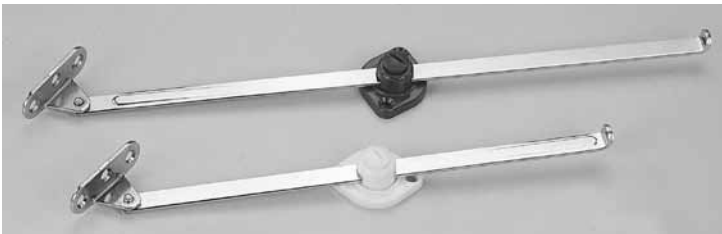
**▲50-5307 LID STAY**

\*WITH ADJUSTABLE STEEL HOUSING  
\*SIZE:8" & 10" LENGTH



**▲50-5308 LID STAY**

\*WITH ADJUSTABLE PLASTIC HOUSING  
\*SIZE:236mmL  
\*CRANKED FOOT, 32mm c.c.



**●50-5302 FLAP STAY**

\*WITH ADJUSTABLE PLASTIC HOUSING  
FOR BREAKING POWER  
\*SIZE:220mmL or 290mmL



**▲50-5314 LID STAY**

\*WITH ADJUSTABLE STEEL HOUSING  
\*SIZE: 220mm  
\*CRANKED FOOT: 32mm c.c.



**●50-5303 TENSION SUPPORT**

\*PLASTIC WITH NYLON BUSHING  
\*5" LENGTH



**■50-520 DROP LEAF SUPPORT**

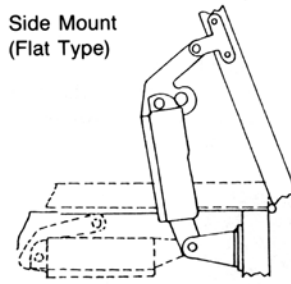
\*WITH FINGER PULL  
\*STEEL:ZING PLATED  
\*SIZE:8" or 10"L



**●50-5310 LID STAY**

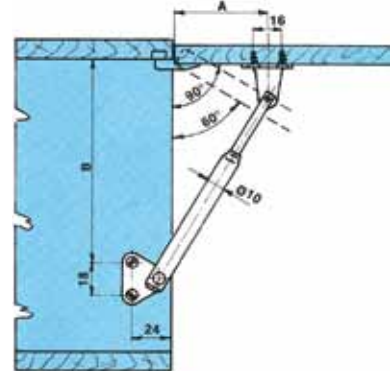
- \*STEEL
- \*BRONZE FINISH
- \*LEFT/ RIGHT SIDE
- \*SPRING MECHANISM

Side Mount  
(Flat Type)



**●50-5311 LID STAY**

- \*STEEL 150mm LENGTH
- \*INSTALLATION 60°, 90°
- \*SPRING MECHANISM

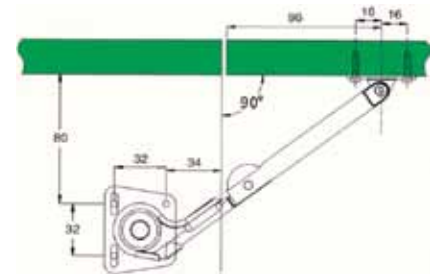


ANGLE	A(m/m)	B(m/m)
60°	85	155
90°	50	120



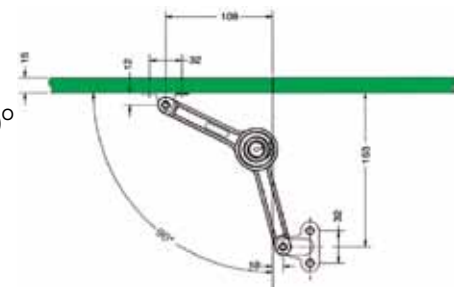
**▲50-5312 LID STAY**

- \*STEEL / ZINC ALLOY
- \*NICKEL PLATED
- \*LEFT/ RIGHT SIDE
- \*INSTALLATION: 75°, 90°, 100°
- \*HYDRAULIC MECHANISM



**▲50-5313 LID STAY**

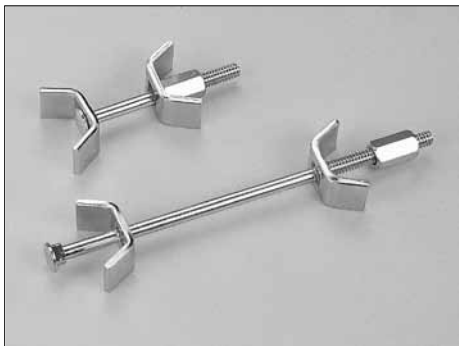
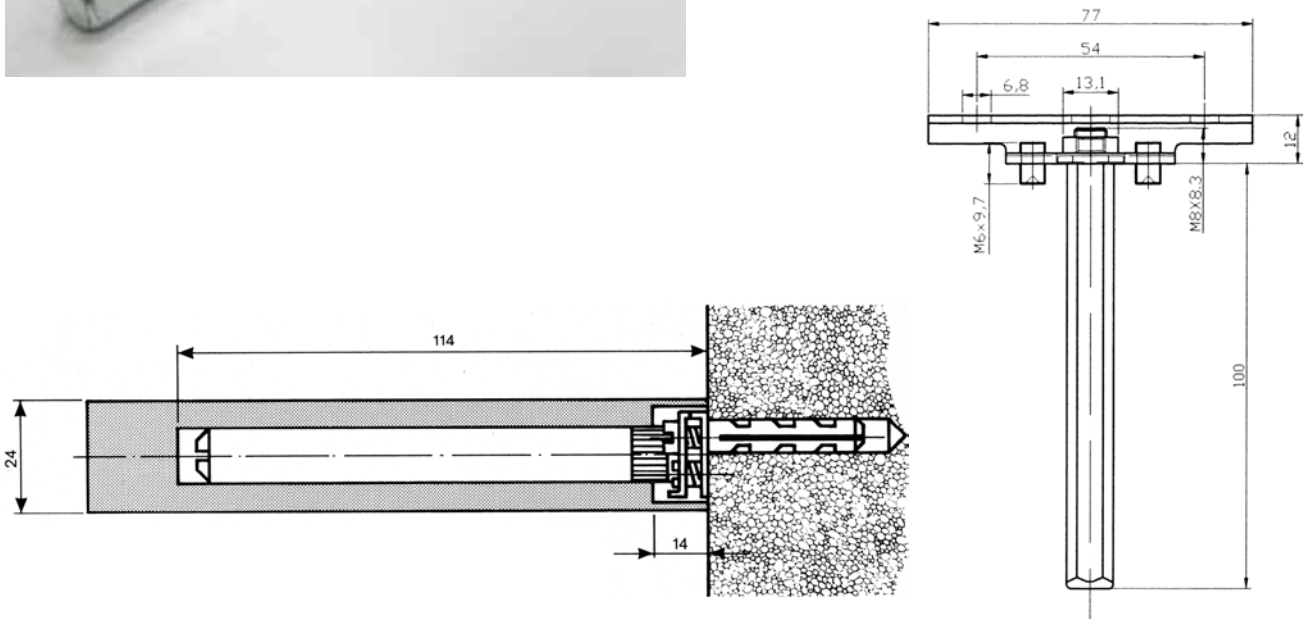
- \*STEEL / ZINC ALLOY
- \*NICKEL PLATED
- \*INSTALLATION: 75°, 90°, 100°
- \*RATCHET MECHANISM





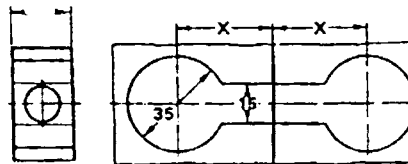
### ▲50-532 STEEL SHELF SUPPORT

- \*FOR SHELF PANEL FROM 24mm THICKNESS ONWARD
- \*10mm HEXAGON BOLT
- \*LOADING CAPACITY: UP TO 85 KGS PER M<sup>2</sup>



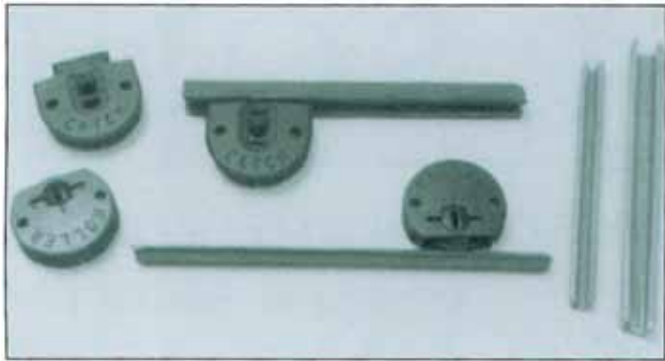
### ▲50-526 BENCH TOP CONNECTOR

- \*STEEL. ZINC PLATED
- \*LENGTH: M6 x 65mm L
- M6 x 150mm L

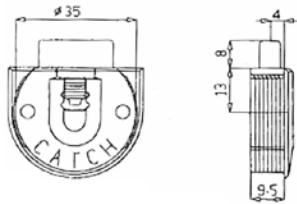


### ▲50-5301 COUNTER TOP CONNECTOR

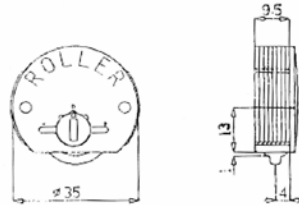
- \*STEEL. ZINC PLATED
- \*LENGTH: M6 x 75mm L
- M6 x 90mm L



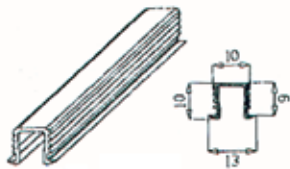
**●60-197 SLIDING DOOR FITTING**  
\*Plastic Roller & Track



**60-197A CATCH**  
Guide Bolt with Catch engaging at 5 or 8 mm.  
Press-fit type. Plastic finish.



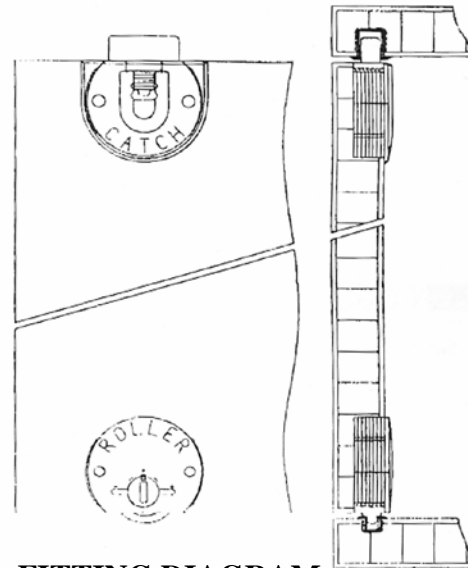
**60-197B ROLLER**  
Lower Roller with adjustable spindle for vertical adjustment of 0.4mm increments.  
Min 0.2mm -Max 1.8mm  
Press-fit type. Plastic finish.



**60-197C UPPER TRACK**  
Upper Track with flanged edges.  
Press-fit type. Plastic finish.



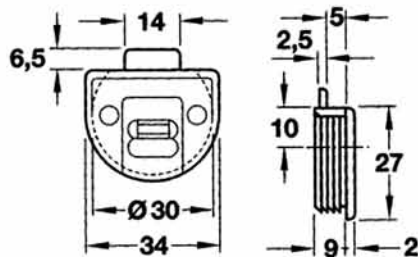
**60-197D LOWER TRACK**  
Lower Track with flanged edges.  
Press-fit type. Plastic finish.



**FITTING DIAGRAM**  
Catch and Roller fitting diagram for wood thicknesses from 16 mm.  
Door panel weight up to 25 kg.



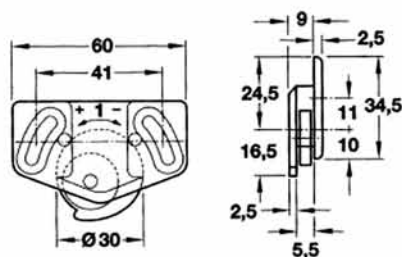
**60-199A**



**CATCH**

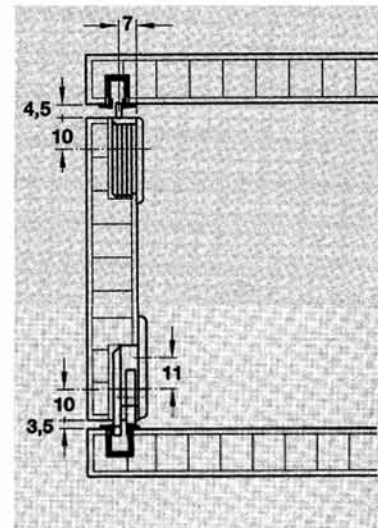


**60-199B**



**ROLLER**

**▲60-199 SLIDING DOOR FITTING**

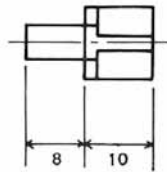


**FITTING DIAGRAM**

**■50-5140 SHELF SUPPORT**



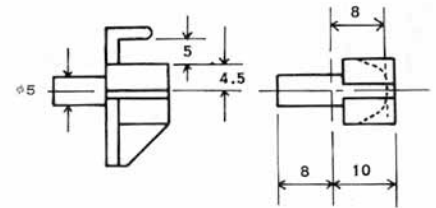
\*5mm STUD



**■50-5141 SHELF SUPPORT**



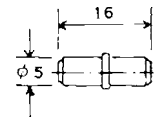
\*5mm STUD  
\*5mm THICK SHELVES



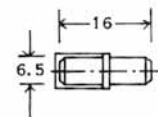
**■50-5142 STEEL SHELF SUPPORT**



\*5mm STUD



**■50-5143 SHELF SUPPORT**



\*5mm STUD  
\*WITH PVC CUSHION

**■50-5144 STEEL SHELF SUPPORT & BUSHING**



\*5mm, 6mm, 1/4", 7mm STUD

**■50-5145 STEEL SHELF SUPPORT**

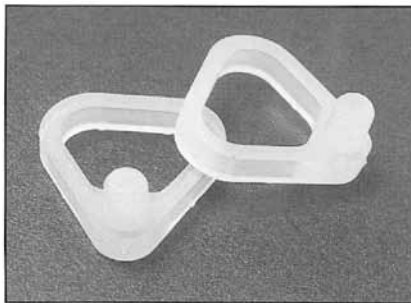


\*5mm, 6mm,  
1/4" STUD

WITH HOLE

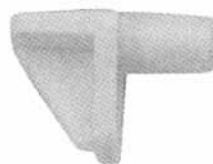
WITH VINYL COATING

**●50-5146 PLASTIC SHELF SUPPORT**

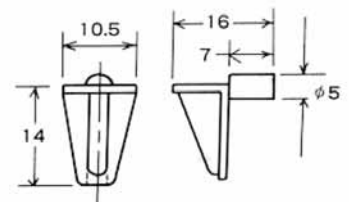


\*5mm STUD  
\*FOR HOLDING  
SHELVES  
SECURELY

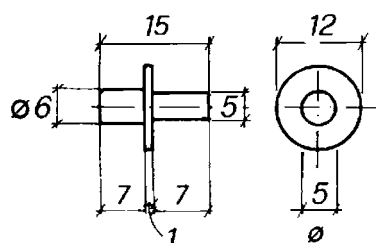
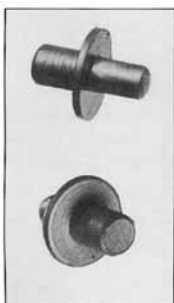
**●50-5147 PLASTIC SHELF SUPPORT**



\*5mm STUD



**●50-5148 PLASTIC SHELF SUPPORT**

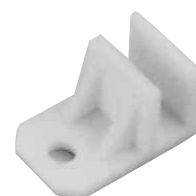


\*5mm & 6mm STUD

**●50-5149 PLASTIC SHELF SUPPORT**



\*SCREW ON  
\*1/4" THICK SHELVES





■ **50-5171 HOLE COVER CAP**

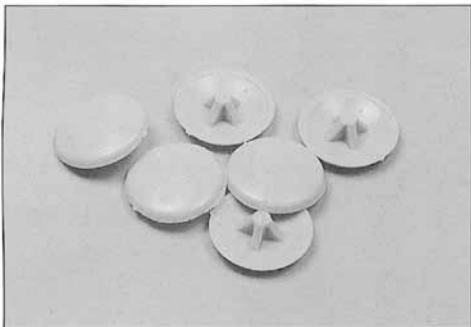
\*RECESS DIA:5mm. 6mm. 10mm



● **50-5172 PLASTIC SCREW CAP**

\*5mm HOLE DIA

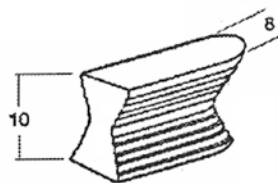
\*10mm CAP DIA



● **50-5173 PLASTIC COVER CAP**

\*TO SUIT PHILLIPS & POZI HEAD SCREWS

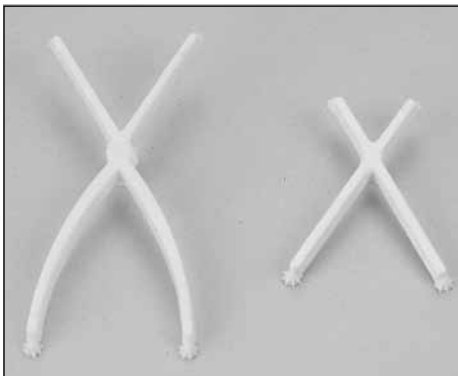
\*13mm CAP DIA



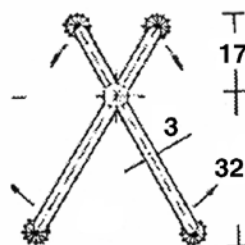
▲ **50-5174 MITRE ASSEMBLY FITTING**

\*8 x 10 x 13.5mm LENGTH

\*10 x 13.5 x 16.5mm LENGTH



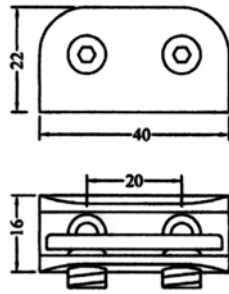
● **50-5175 PLASTIC SELF FASTENER**



\*for fixing shelves during transport

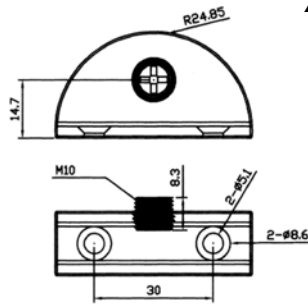
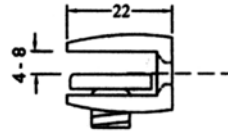
\*17 x 32mm. 5mm STUD

32 x 50mm. 1/4" STUD



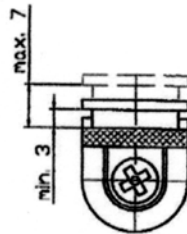
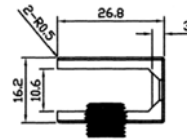
### ▲50-5640 GLASS HOLDER

- \* MATERIAL: ZINC ALLOY
- \* WITH PLASTIC CUSHION
- \* WITH METAL SCREW
- \* FOR 4-8mm GLASS



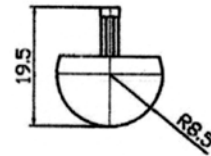
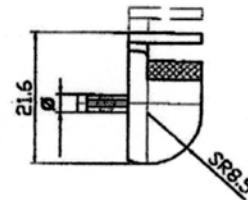
### ▲50-5641 GLASS HOLDER

- \* MATERIAL: ZINC ALLOY
- \* WITH PLASTIC SCREW
- \* FOR 5-8mm GLASS



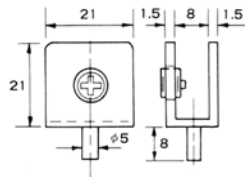
### ▲50-5642 GLASS SHELF SUPPORT

- \* 3mm & 5mm STUD
- \* FOR 3-7mm GLASS
- \* ZINC ALLOY. NP



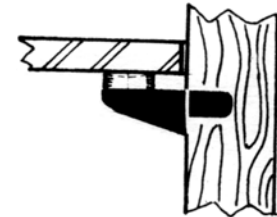
### ▲50-5643 GLASS SHELF SUPPORT

- \* FOR 5-6mm GLASS
- \* STEEL. ZINC PLATED



### ▲50-5644 GLASS SHELF SUPPORT

- \* 5mm STUD
- \* WITH PVC CUSHION



### ▲50-5645 SHELF SUPPORT

- \* 5mm STUD
- \* ZINC ALLOY
- \* RAW FINISH



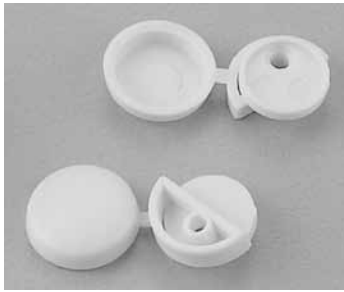
### ▲50-5646 SHELF SUPPORT

- \* 3mm STUD
- \* 6mm THICK SHELVES



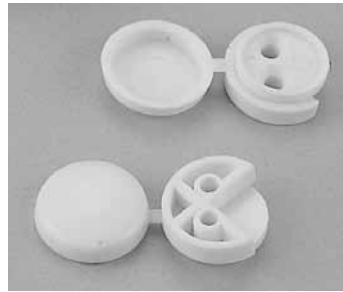


**▲50-5671 PLASTIC MIRROR CLIP**



\* 20mm DIA, 10mm H  
\* ONE HOLE

**▲50-5672 PLASTIC MIRROR CLIP**



\* 20mm DIA, 10mm H  
\* TWO HOLES

**▲50-5673 GLASS DOOR HANDLE**

\* 20mm DIA



**▲50-5674 BACKWALL HOLDER**

\* 10 x 15mm L  
\* WITH SCREW



**▲50-5304 STEEL MIRROR HOLDER**

\* FOR 6mm GLASS

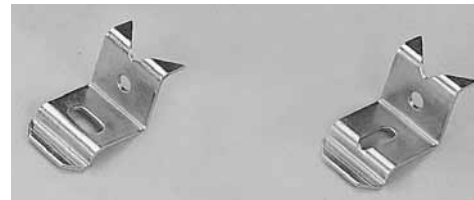


(A)

(B)

**●50-5305 STEEL TABLE CLIP**

\* Z.P

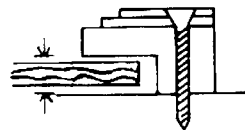


(A)21mm WIDTH

(B)21mm WIDTH

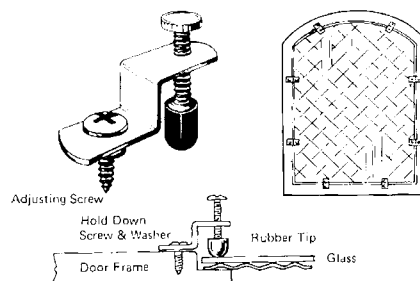
**▲50-5306 PLASTIC MIRROR HOLDER**

\* FOR 3mm or 4mm GLASS



**■50-302 GLASS RETAINER**

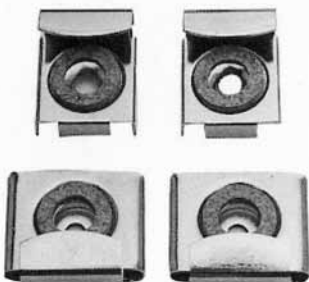
\* AC FINISH



**■50-5627 GLASS PLATE CLIP**

\* ONE SET CONSISTS OF  
2 PCS UPPER CLIP  
& 2 PCS LOWER SPRING  
LOADED CLIP.

\* STEEL. CHROME PLATED



**●50-5628 REVOLVING MIRROR HOLDER**





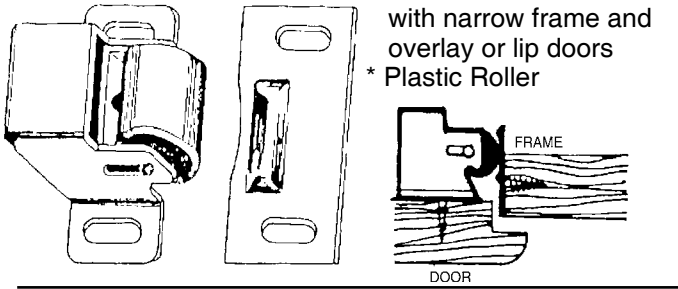
ITEM NO.	DESCRIPTION
■50-501	Tip Latches, push/pull action.
●50-502	Cabinet Touch Latch, push/pull action.
●50-503	K/D Fitting, zinc, alloy cam.
●50-504	K/D Fitting, zinc, alloy cam, w/10mm dia dowel.
■50-505	Double roller Catch spear or round Strike.
■50-506	Double Roller Catch, high rise type, spear or round strike.
■50-507	Elbow Catch.
■50-508	Single roller catch.
■50-509	Mini latch, push/pull action.
■50-510	K/D Fitting, cover part, steel nickel plated, plastic cases.
●50-511	Plastic Shelf Support, lock-in type, 3/4" thick shelves.
●50-512	Plastic Pivot Hinge, spring inside.
■50-513	Nylon K/D Connector, w/10 mm dia dowel.

**●50-5065 TABLE TOP LEVELLER**  
 \* Nylon  
 \* 32mm.c.

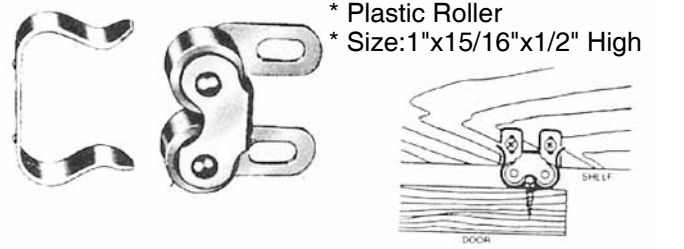
**●50-5066 K/D FITTING**

**▲50-5067 K/D FITTING**

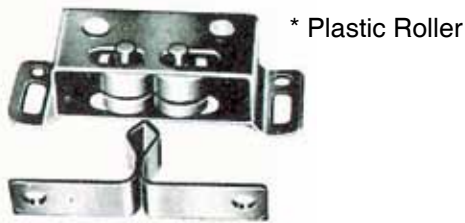
**●50-5070 JUMBO ROLLER CATCH**



**●50-5071 DOUBLE ROLLER CATCH**



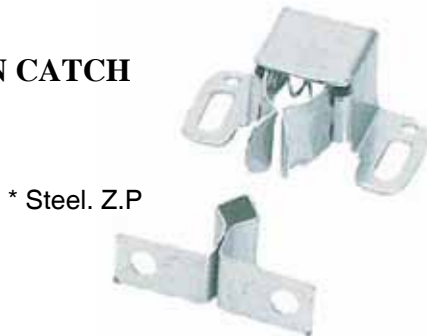
**■50-5072 BOX ROLLER CATCH**



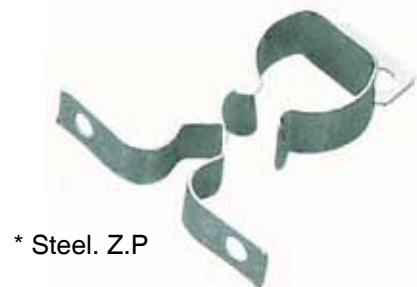
**●50-5073 PRESS-IN CATCH**



**●50-5074 FRICTION CATCH**



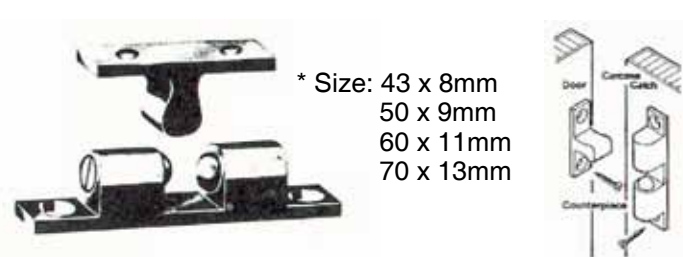
**■50-5075 PLINTH SPRING CATCH**



**●50-5076 PLASTIC FRICTION CATCH**



**▲50-5077 SOLID BRASS DOUBLE BALL CATCH**



**●50-5078 PLASTIC DOUBLE ROLLER CATCH**



**●50-5079 STEEL BALES CATCH**



# MAGNETIC CATCH



ITEM NO.		SIZE (m/m)
▲50-253		48x12x13H
▲50-254	*8mm dowel ,	16x18x16H
▲50-255		44x12x14H
▲50-256		40x19x12H
▲50-257	Recess	26x11x14H

# PLASTIC GROMMET

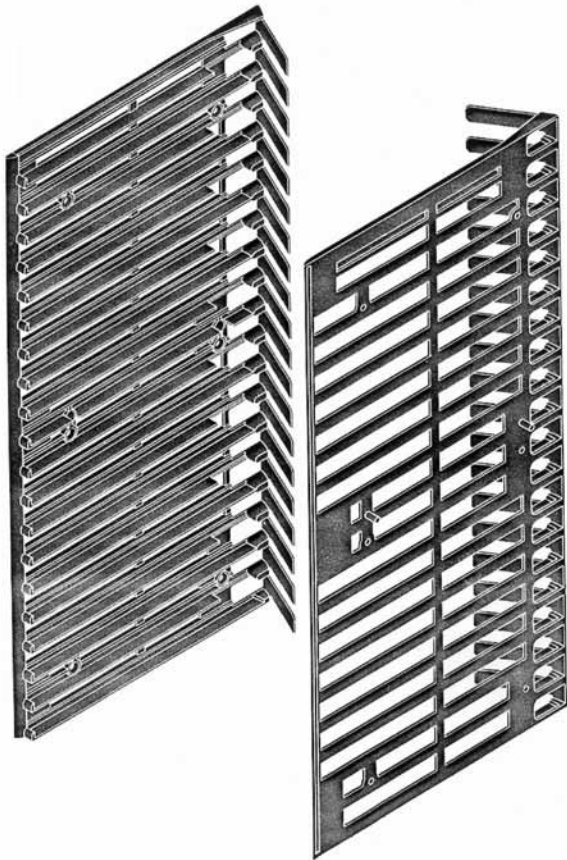
ITEM NO.	SIZE (m/m)
▲60-164	151 x 70mm Recess Dia
▲60-165	44mm Recess Dia
▲60-166	37 x 85mm Recess Dia
▲60-167	37mm Recess Dia



# PLASTIC GROMMET



ITEM NO.	SIZE
●60-186	44mm Recess Dia
●60-187	51mm Recess Dia. Spring Action
●60-188	60mm Recess Dia. Spring Action
●60-189	70mm Recess Dia. Spring Action
●60-190	80mm Recess Dia. Spring Action
●60-191	64mm Recess Dia
●60-192	70mm Recess Dia
●60-193	49 x 83mm Recess Dia
●60-194	48 x 83mm Recess Dia. Zinc Alloy Cover



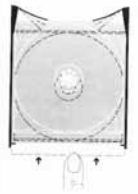
**●60-171 CD RACKS**

- \* 20 Space 320mm L
- \* Moveable Finger or Unmoveable Finger



**60-171B DVD RACKS**

- \* 20 Space 320mm L
- \* Unmoveable Finger



**60-172**

**●60-172 CD RACKS**

- \*10 Space 160mm L
- \* Moveable Finger



ITEM NO.	SIZE
●60-173	8 Space CD Racks
●60-182	42 x 440mm Recess Dia Paper Outlet
●60-183	10 Video Cassette 318mmL
●60-184	16 Audio Cassette 318mmL
▲60-185	26 Compact Disc 312mmL



**●60-360 DVD HOLDER**

- \* 15 SPACE
- \* 320mm L
- \* UNMOVEABLE FINGER



**●60-361 DVD HOLDER**

- \* 7 SPACE
- \* 160mm L
- \* 200mm W



**▲60-362 15 SPACE CD HOLDER**

- \* 286L x 65W x 32H(mm)



**▲60-363 25 SPACE CD HOLDER**

- \* 329L x 50W x 19H(mm)
-



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**●60-365 PLASTIC SYSTEM CD HOLDER**



- \* WIDTH:118mm
- \* LEFT & RIGHT
- \* CAN BE CUT BY CUSTOMER TO SPECIFIED LENGTH

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**▲60-366 SWIVEL PENCIL TRAY**



- \* 208 x 208mm L
- \* 32 mm H

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**▲60-367 PENCIL TRAY**



- \* 350 x 236mm L
- \* 30 mm H

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**●60-196 PLASTIC GROMMET**

- \* 60mm RECESS DIA



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**●60-195 PLASTIC GROMMET**

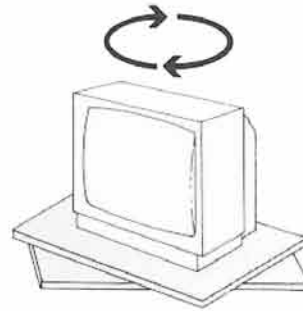
- \* 49 x 83mm RECESS DIA
- \* 32mm RECESS HEIGHT



**▲60-168 PLASTIC T.V. SWIVEL**



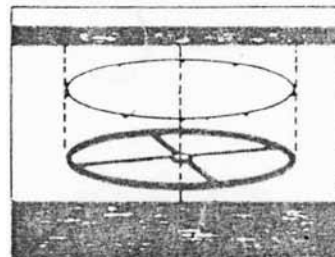
- \*Size:300mm Dia
- \*Swivel:360°
- \*Loading Capacity:150kgs



**●60-180 PLASTIC T.V. SWIVEL**



- \*Size:285mm Dia
- \*140kgs Loading Weight
- \*8 Pcs Ball Bearing
- \*Swivel:360° or 180°

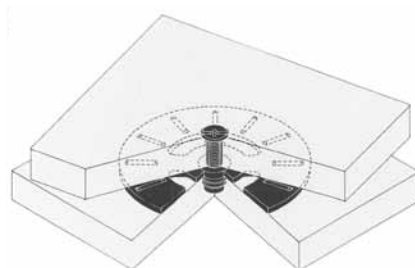


Face Ball Bearings down  
when inserting into housing

**▲60-181 PLASTIC T.V. SWIVEL**



- \*Size:220mm. 320mm Dia
- \*100 kgs Loading Weight
- \*Swivel:360°





●**60-177 LAZY SUSAN SWIVELS**

\*Square Type

\*Size: 3" x 3"

4" x 4"

6" x 6"

\*9mm Height



●**60-178 LAZY SUSAN SWIVELS**

\*Round Type

\*Size: 8" Dia

12" Dia

\*9mm Height

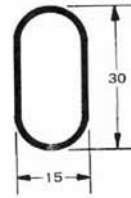
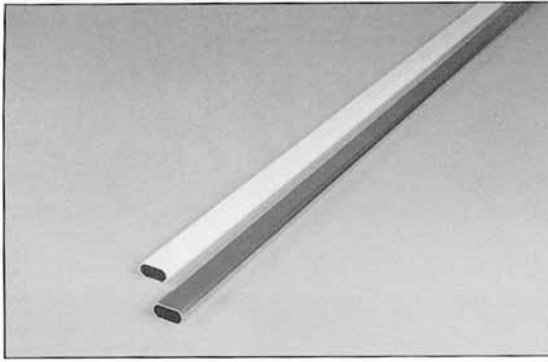


▲**60-179 ALUMINUM SWIVELS**

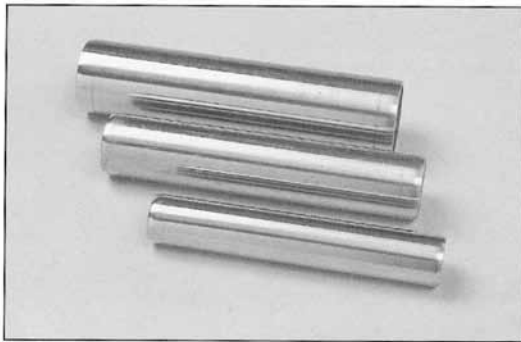
\*With Ball Bearing

ITEM NO.	OUTER DIA.	INNER DIA.	HEIGHT	LOADING CAPACITY
60-179A	200mm	146mm	10mm	30~50 KGS
60-179B	250mm	196mm	10mm	30~50 KGS
60-179C	300mm	246mm	10mm	50~80 KGS
60-179D	350mm	296mm	10.5mm	50~80 KGS
60-179E	400mm	336mm	11mm	80~100 KGS
60-179F	450mm	388mm	11.5mm	100~125KGS
60-179G	500mm	430mm	12mm	150~175KGS
60-179H	600mm	520mm	16mm	200~300KGS
60-179I	650mm	570mm	16mm	300~350KGS

# WARDROBE FITTING

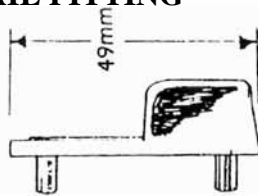


■**70-7501 ALUM OVAL TUBE**  
 \*30 x 15 x 3100mm LENGTH  
 \*ANODIZED OR EPOXY COATED



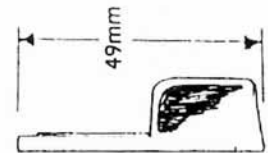
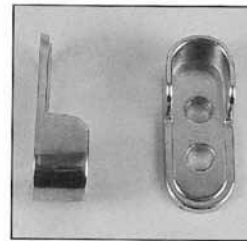
■**70-7502 STEEL ROUND TUBE**  
 \*CHROME PLATED  
 \*16mm DIA. 19mm DIA. 25mm DIA  
 \*3600mm LENGTH

●**70-7506 OVAL RAIL FITTING**



\*NICKEL PLATED OR EPOXY COATED

■**70-7507 OVAL RAIL FITTING**



\*NICKEL PLATED OR EPOXY COATED  
 \*SCREW ON



■**70-7508 OVAL RAIL FITTING**  
 \*SCREW ON  
 \*CHROME PLATED  
 \*65mmL

●**70-7509 CENTRE OVAL RAIL FITTING**



\*CHROME PLATED  
 \*75mmL



●**70-7519 WARDROBE FIXINGS.**  
 \*YELLOW ZINC PLATED

# WARDROBE FITTING



● **70-7511 PILLAR END-CHROME**  
\*ROD DIA:16mm. 19mm. 25mm



● **70-7512 PILLAR CENTRE-CHROME**  
\*ROD DIA:16mm. 19mm. 25mm



● **70-7513 OVAL FLANGE-CHROME**  
\*ROD DIA:16mm. 19mm



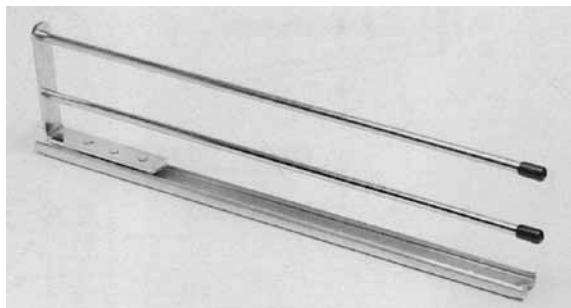
● **70-7514 ROUND FLANGE-CHROME**  
\*ROD DIA::16mm. 19mm. 25mm



● **70-7515 ROUND FLANGE-WHITE PLASTIC**  
\*22mm ROD DIA



■ **70-7516 POLE SOCKET-WHITE PLASTIC**  
\*35mm ROD DIA  
\*ONE OPEN & ONE CLOSED



●**70-7602 TOWEL RAILS**

- \*STEEL, CHROME PLATED
- \*TELESCOPIC
- \*410 mm LENGTH



▲**70-7701 TOWEL RAILS**

- \*STEEL, CHROME PLATED
- \*TELESCOPIC
- \*325 mm LENGTH



▲**70-7702 WINE GLASS RACK**

- \*STEEL, BRASS PLATED
- \*262 mm LENGTH



▲**70-7703 WARDROBE RAILS**

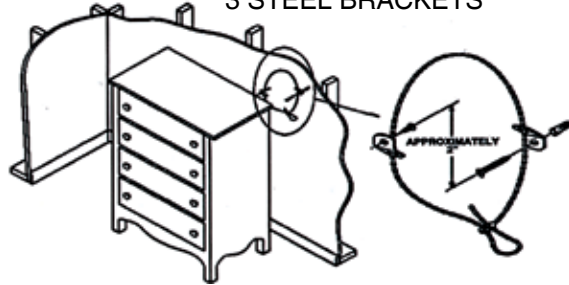
- \*STEEL, NICKEL PLATED
- \*TELESCOPIC
- \*SIZE: 260mm LENGTH
  - 310mm
  - 360mm
  - 410mm
  - 460mm

### ▲60-231 FURNITURE TIPPING RESTRAINT

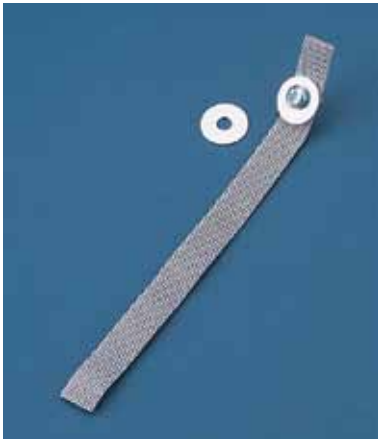


\*INCLUDING:

- 1 CABLE TIE
- 2 SCREWS & 1 WALL ANCHOR
- 3 STEEL BRACKETS

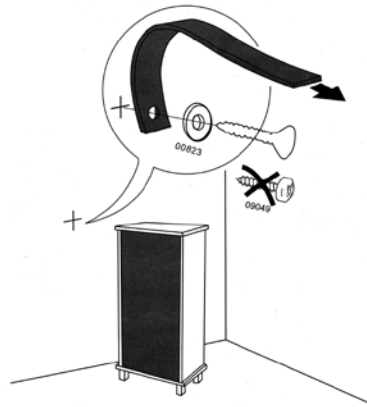


### ▲60-232 BALANCE PROTECTOR



\*INCLUDING:

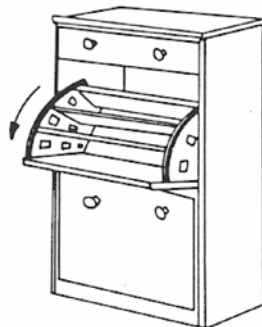
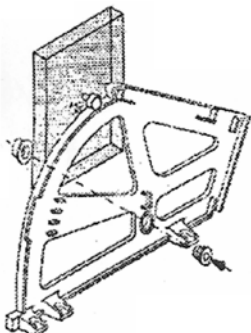
- 150mm GREY NYLON STRAP
- 1 SCREW & 2 WASHERS



### ●60-198 PLASTIC BRACKET

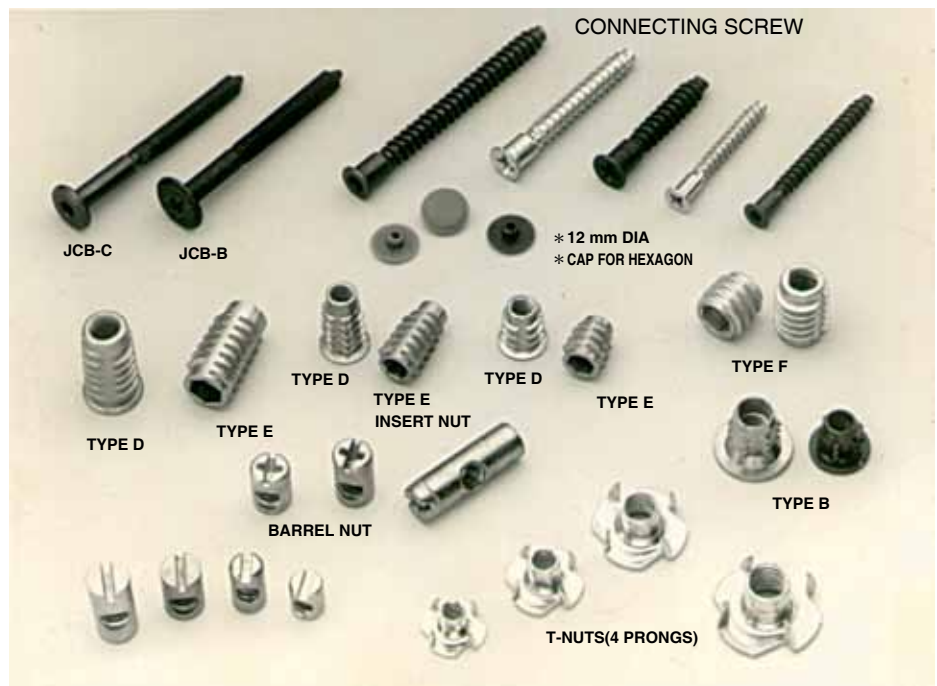
\*SHOE BOY

\*2 OR 3 COMPLETE





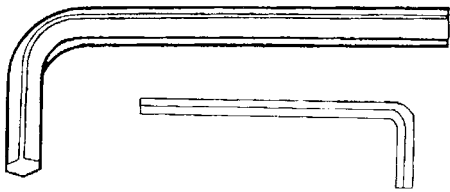
- 61-7270 TAPPING SCREWS
- 61-7271 CHIP BOARD SCREWS
- 61-7272 DRYWALL SCREWS
- 61-7273 NIB CHIPBOARD SCREWS
- 61-7274 MACHINE SCREWS
- 61-7275 PARTICLE BOARD SCREWS
- 61-7276 HI-LO THREADED DRYWALL SCREWS



<p><b>JCB-B</b> *STEEL, 17mm DIA, M4 HEX, SOCKET *THREAD: M6 OR 1/4"-20</p> <ul style="list-style-type: none"> <li>●61-7010 30mmL    ●61-7050 70mmL</li> <li>●61-7020 40mmL    ●61-7060 80mmL</li> <li>●61-7030 50mmL    ●61-7070 90mmL</li> <li>●61-7040 60mmL    ●61-7080 100mmL</li> </ul>	<p><b>INSERT NUT</b></p> <p><b>TYPE B PRESS-IN</b></p> <ul style="list-style-type: none"> <li>●61-7310 M6 OR 1/4-20x12mmL</li> <li>●61-7320 M8 OR 5/16-18x16mmL</li> <li>●61-7330 M8 OR 5/16-18x22mmL</li> </ul>	<p><b>BARREL NUT</b></p> <p>PHILLIPS/SLOT 9.5mm DIA</p> <ul style="list-style-type: none"> <li>●61-7510 M6 OR 1/4-20x13mmL</li> <li>●61-7520 M6 OR 1/4-20x16mmL</li> </ul> <p><b>SLOT</b></p> <ul style="list-style-type: none"> <li>●61-7550 M5 OR 10-24x10mmLx8mm DIA</li> <li>●61-7560 M6 OR 1/4-20x15mmLx8mm DIA</li> <li>●61-7570 M6 OR 1/4-20x15mmLx9.5mm DIA</li> <li>●61-7560 M6 OR 1/4-20x20mmLx10mm DIA</li> </ul>
<p><b>JCB-C</b> *STEEL, 13mm DIA, M4 HEX, SOCKET *THREAD: M6 OR 1/4"-20</p> <ul style="list-style-type: none"> <li>●61-7110 30mmL    ●61-7150 70mmL</li> <li>●61-7120 40mmL    ●61-7160 80mmL</li> <li>●61-7130 50mmL    ●61-7170 90mmL</li> <li>●61-7140 60mmL    ●61-7180 100mmL</li> </ul>	<p><b>TYPE D SCREW-IN</b></p> <ul style="list-style-type: none"> <li>●61-7350 M6 OR 1/4-20x13mmL</li> <li>●61-7360 M6 OR 1/4-20x20mmL</li> <li>●61-7370 M8 OR 5/16-18x25mmL</li> </ul>	<p><b>T-NUTS</b></p> <p>STEEL THREAD</p> <ul style="list-style-type: none"> <li>●61-7610 M4 OR 8-32</li> <li>●61-7620 M5 OR 10-24</li> <li>●61-7630 M6 OR 1/4-20</li> <li>●61-7640 M8 OR 5/16-18</li> <li>●61-7650 M10 OR 3/8-16</li> </ul>
<p><b>CONNECTING SCREW</b> STEEL, HEX HEAD OR POZIDRIVE WITH OR WITHOUT HOLE</p> <ul style="list-style-type: none"> <li>●61-7210 5x40mmL    ●61-7230 7x40mmL</li> <li>●61-7220 5x50mmL    ●61-7240 7x50mmL</li> <li>●61-7250 7x70mmL</li> </ul>	<p><b>TYPE E SCREW-IN</b></p> <ul style="list-style-type: none"> <li>●61-7410 M6 OR 1/4-20x13mmL</li> <li>●61-7420 M6 OR 1/4-20x20mmL</li> <li>●61-7430 M8 OR 5/16-18x25mmL</li> </ul> <p><b>TYPE F SCREW-IN</b></p> <ul style="list-style-type: none"> <li>●61-7450 M8 OR 5/16-18x13mmL</li> <li>●61-7460 M8 OR 5/16-18x20mmL</li> </ul>	

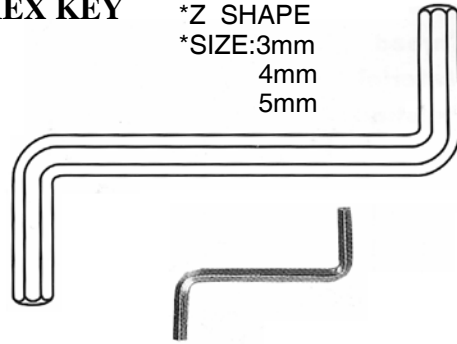


**●50-518 HEX KEY**



\*L SHAPE  
\*SIZE:3mm  
4mm  
5mm  
6mm  
8mm

**●50-519 HEX KEY**



\*Z SHAPE  
\*SIZE:3mm  
4mm  
5mm

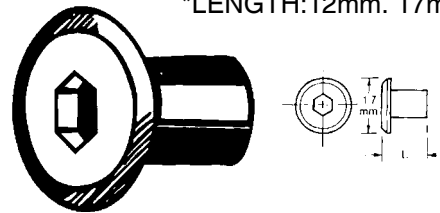
**●61-7571 JOINT CONNECTOR NUT**

\*13mm HEAD DIA. M4 HEX  
\*THREAD:M6 OR 1/4-20  
\*LENGTH:12mm. 17mm



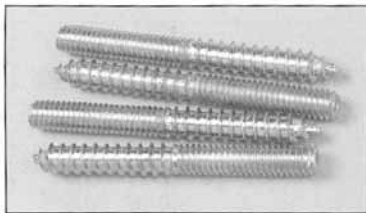
**●61-7572 JOINT CONNECTOR NUT**

\*17mm HEAD DIA. M4 HEX  
\*THREAD:M6 OR 1/4-20  
\*LENGTH:12mm. 17mm



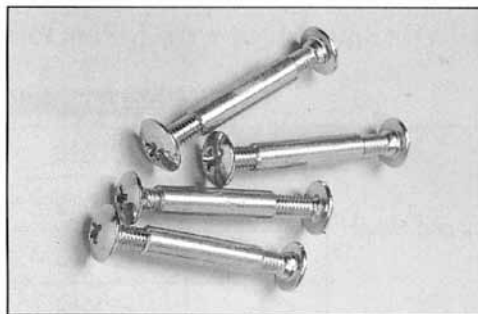
**●61-7281 LAG SCREWS**

\*THREAD:1/4-20 OR M6  
5/16-18 OR M8  
3/8-16 OR M10  
\*LENGTH:2".2-1/2".3".3-1/2". 4".

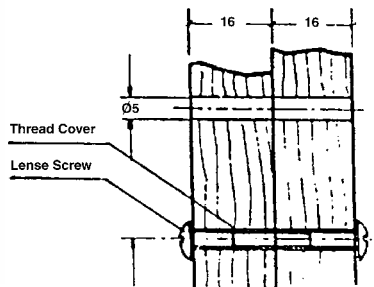


**●61-7573 WING NUTS**

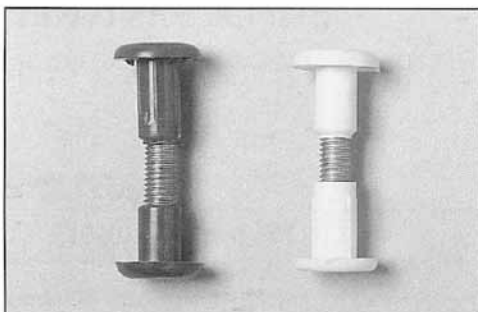
\*ZINC ALLOY. Z. P  
\*THREAD:1/4-20 OR M6  
5/16-18 OR M8  
3/8-16 OR M10



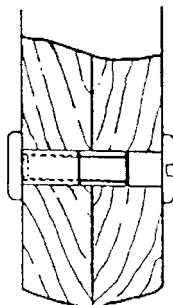
**●50-531 5mm STEEL CONNECTOR**



\*SCREW SIZE:M4 x 13mmL  
\*SLEEVE LENGTH:12mm TO 50mm

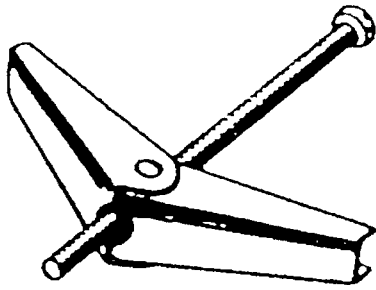


**●50-530 8mm CABINET CONNECTOR**



\*PLASTIC HEAD  
\*SCREW SIZE:M6 x 28mmL  
M6 x 32mmL  
\*SLEEVE LENGTH:M6 x 14mmL

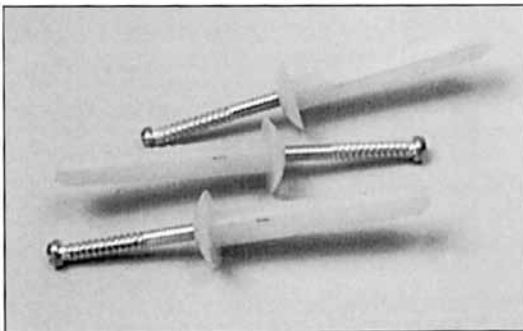
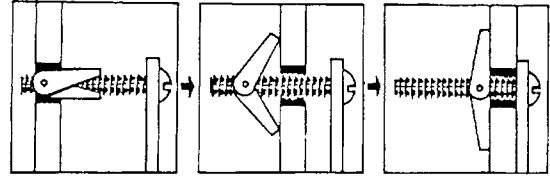
Dimensions: Length, Ø8, 14, 12, Ø16, 3



### ■50-5631 SPRING TOGGLE BOLT

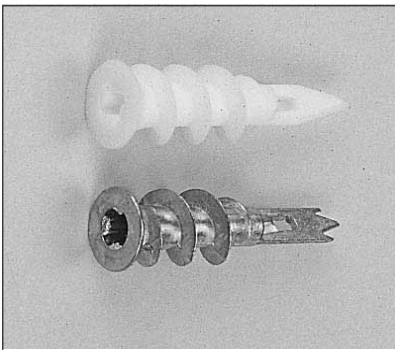


\*STEEL ZINC PLATED  
\*SIZE: 1/8". 3/16". 1/4"



### ●50-5632 WALL ANCHORS

\*MUSHROOM HEAD  
\*SIZE: 6.5 x 25mmL  
6.5 x 40mmL  
6.5 x 50mmL  
6.5 x 75mmL  
6.5 x 100mmL

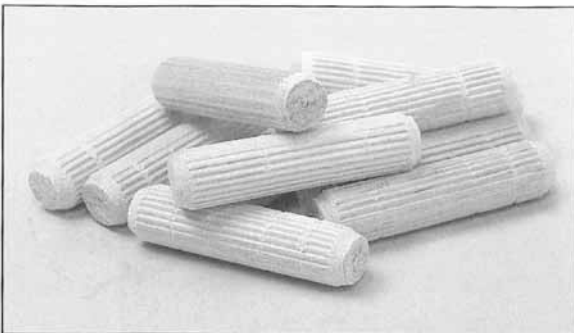


(A)

(B)

### ●50-5633 WALL ANCHORS

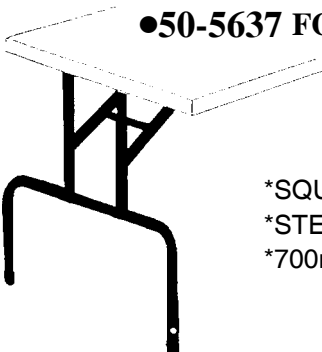
\*(A) NYLON, 44mmL  
\*(B) ZINC ALLOY 42mmL



### ●48-5634 TIMBER DOWEL

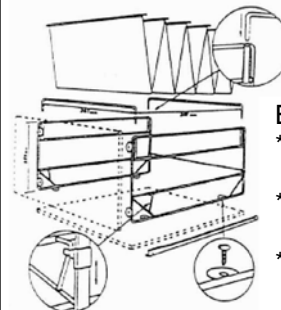
mmL	6	8	10	12	mm DIA
20	✓	✓	✓		
25	✓	✓	✓		
30	✓	✓	✓	✓	
35	✓	✓	✓	✓	
40		✓	✓	✓	
45		✓	✓	✓	
50		✓	✓	✓	
60		✓	✓	✓	
70		✓	✓	✓	
80		✓	✓		

### ●50-5637 FOLDING TABLE LEGS



\*SQUARE TUBE 22mm DIA  
\*STEEL: BLACK PAINTED  
\*700mmH x 570mmW

### ●50-5638 SUSPENDED FILE FRAME



Base mounted.  
\*Design allows files to be stored in each direction.  
\*Minimal freight charges due to collapsible design.  
\*Size: 235mm x 387mm x 387mm

■50-5751 FLEXIBLE DOOR STOPPER

\*STEEL 3" LENGTH



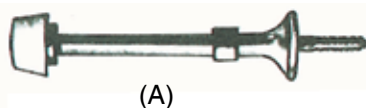
(A)



(B)

■50-5752 RIGID DOOR STOPPER

\*ZINC ALLOY  
\*3" LENGTH

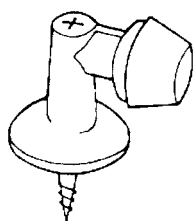


(A)

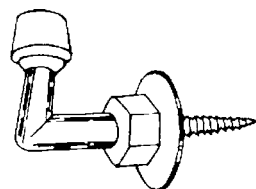


(B)

●50-5753 ZINC ALLOY DOOR STOPPER



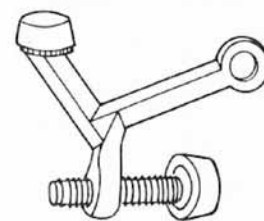
(A)



(B)

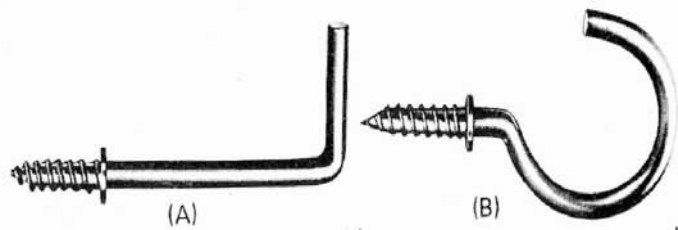


(C)



(D)

●50-5754 HOOKS \*Steel, Finish:Zinc, Nickel, Brass  
\*With or Without Shoulder



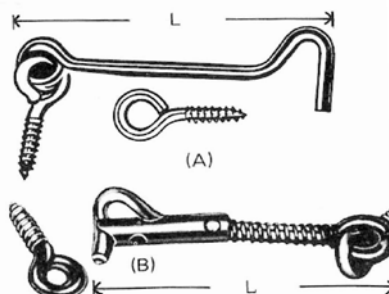
\*A. Length: 3/4", 1", 1-1/8", 1-1/4", 1-1/2", 2"  
\*B. Length: 1/2", 5/8", 3/4", 7/8", 1-1/4", 1-1/2", 2"

●50-5755 GATE HOOKS

\*Steel, Finish:Zinc, Nickel, Black

\*A. Length: 1-1/2", 2"2-1/2", 3", 4"

\*B. Length: 2", 2-1/2", 3"

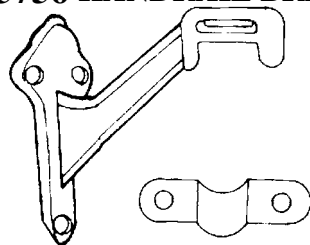


(A)

(B)

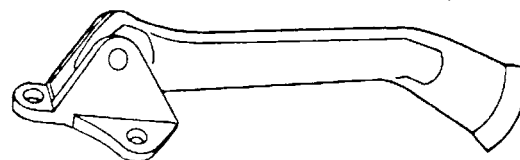
●50-5756 HANDRAIL BRACKET

\*ZINC ALLOY  
\*3" LENGTH



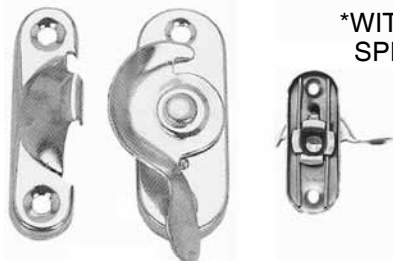
●50-5757 DOOR HOLDER

\*ZINC ALLOY  
\*SIZE:4", 5"



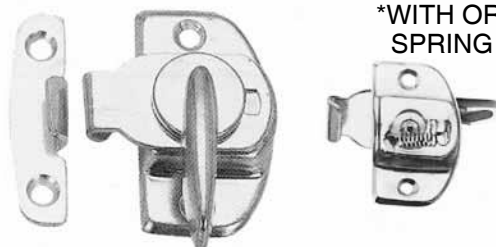
●50-5758 STEEL SASH LOCK

\*WITH OR WITHOUT SPRING ACTION



●50-5759 STEEL SASH LOCK

\*WITH OR WITHOUT SPRING ACTION





●**70-731 CUPBOARD LOCK**

- \*STEEL CASE
- \*2 ZINC ALLOY KEYS
- \*45 x 47 x 8.5mm THICKNESS



●**70-732 CUPBOARD LOCK**

- \*SOLID BRASS CASE & PLATE
- \*2 ZINC ALLOY KEYS
- \*45 x 40 x 8.5mm THICKNESS



●**70-733 CUPBOARD LOCK**

- \*STEEL CASE, SOLID BRASS PLATE
- \*1 ZINC ALLOY KEY
- \*26 x 37 x 9.5mm THICKNESS



●**70-520 DESK LOCK**

- \*STEEL CASE, SOLID BRASS PLATE
- \*2 ZINC ALLOY KEYS
- \*45 x 39 x 11mm THICKNESS



### ▲70-735 PUSH BUTTON DOOR LOCK

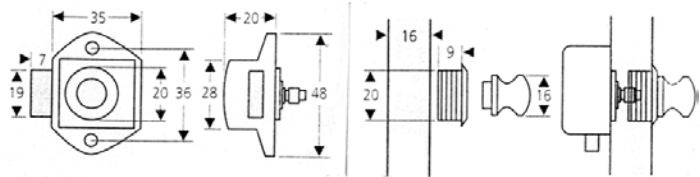
\*PUSH BUTTON ACTION

\*ACCESSORIES:

1 KNOB, 16mm DIA

1 ROSETTE

\*FOR 16mm & 18mm PANEL



### ▲70-736 DRAWER LOCK

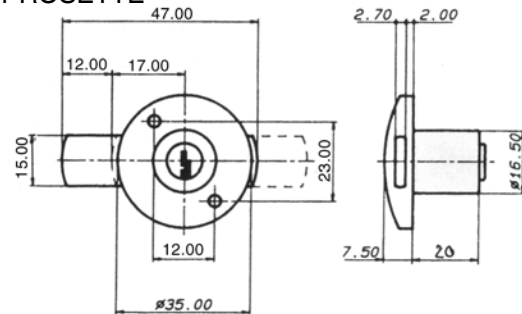
\*ZINC ALLOY CYLINDER, 16mm DIA

\*ACCESSORIES:

2 BRASS KEYS WITH PLASTIC COVER

1 STRIKE PLATE

1 ROSETTE



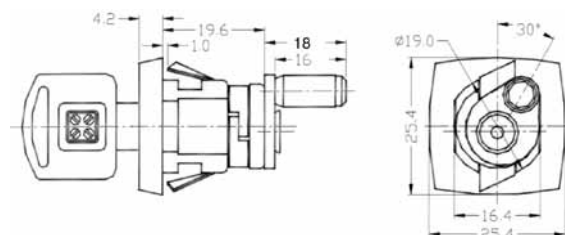
### ▲70-737 FILE CABINET LOCK

\*ZINC ALLOY CYLINDER

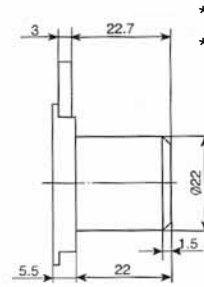
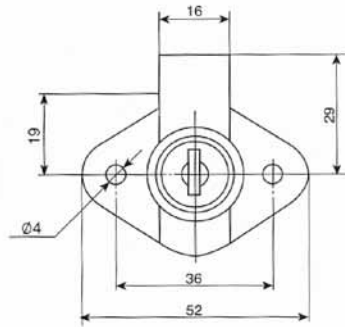
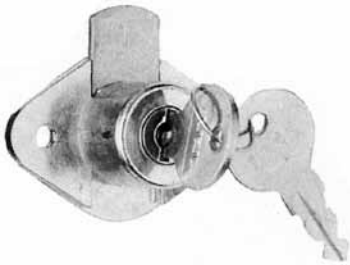
\*ACCESSORIES:

2 BRASS KEYS

1 RETAINING BRACKET

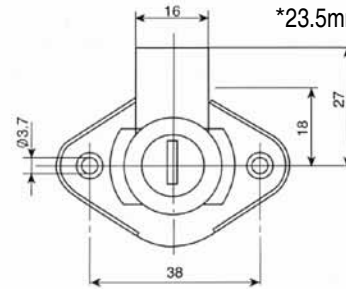
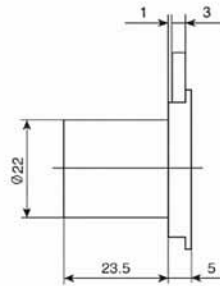


**▲70-702 ZINC ALLOY DRAWER LOCK**



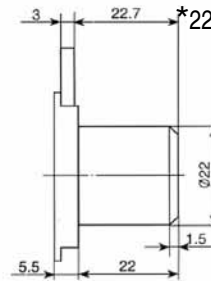
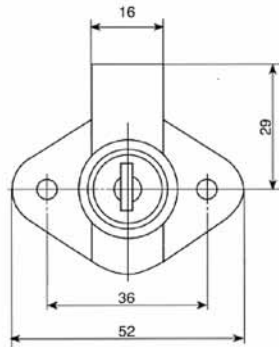
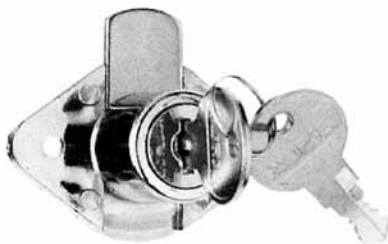
\*ZINC ALLOY CYLINDER. 22mm DIA  
\*22mm LENGTH

**▲70-724 DRAWER LOCK**



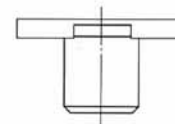
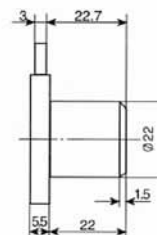
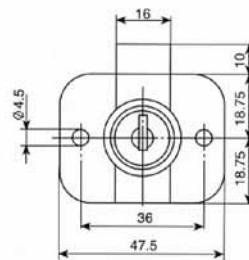
\*STEEL CASE  
\*ZINC ALLOY CYLINDER. 22mm DIA  
\*23.5mm LENGTH

**▲70-725 PLASTIC DRAWER LOCK**

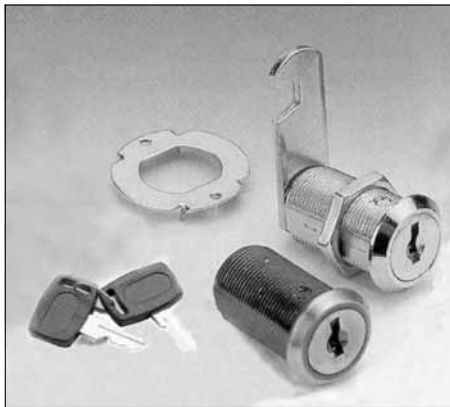


\*PLASTIC CASE  
\*ZINC ALLOY CYLINDER. 22mm DIA  
\*22mm LENGTH

**▲70-726 DRAWER LOCK**

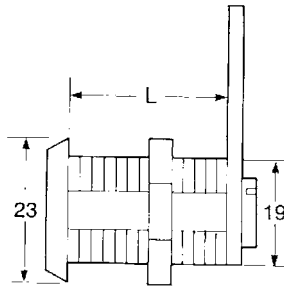


\*STEEL CASE  
\*ZINC ALLOY CYLINDER. 22mm DIA  
\*22mm LENGTH



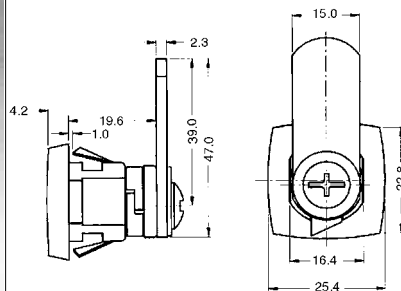
### ▲70-701 CAM LOCK

- \*Zinc Alloy Cylinder. 19mm Dia
- \*Cylinder Length: 16mmL. 20mmL. 25mmL. 28mmL. 30mmL. 35mmL.



#### \*ACCESSORIES:

- 2 BRASS KEY WITH PLASTIC COVER
- 1 HEXAGON NUT 19mm
- 1 HOOK CAM 47mm
- 1 M4 x 8mm SCREW
- 1 FIX WASHER
- 1 WASHER DIA 14mm



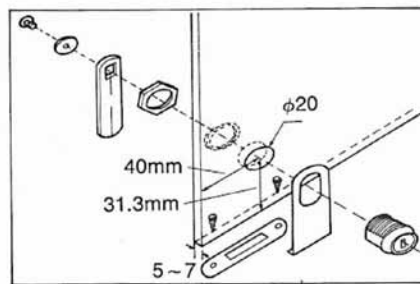
### ▲70-711 SQUARE CAM LOCK

- \*ZINC ALLOY CYLINDER

#### \*ACCESSORIES:

- 2 BRASS KEY WITH PLASTIC COVER
- 1 RETAINING BRACKET
- 1 STRAIGHT CAM 47mm
- 1 M4 x 6mm SCREW

### ▲70-712 CABINET SWINGING GLASS DOOR LOCKS FOR SINGLE DOOR

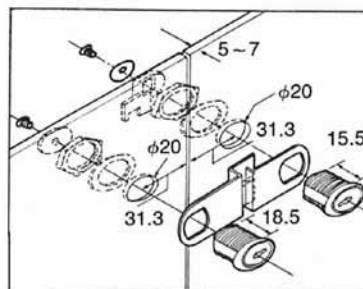
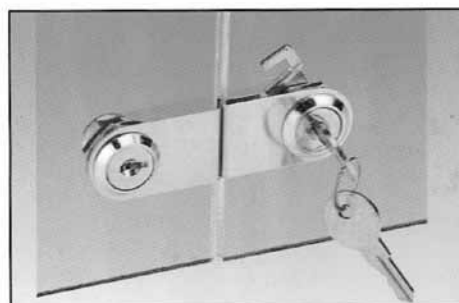


- \*ZINC ALLOY CYLINDER 19mm DIA

#### \*ACCESSORIES:

- 2 BRASS KEY WITH PLASTIC COVER
- 1 STAINLESS STEEL FRONT PLATE
- 1 STAINLESS STEEL STRIKER
- 2 SCREWS
- 1 HEXAGON NUT 19mm
- 1 PLASTIC WASHER
- 1 STRAIGHT CAM 47mm

### ▲70-713 CABINET SWINGING GLASS DOOR LOCKS FOR DOUBLE DOORS



- \*ZINC ALLOY CYLINDER. 19mm DIA

#### \*ACCESSORIES:

##### a>LEFT DOOR

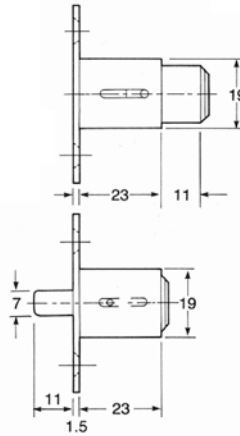
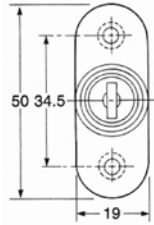
- 1 DECORATIVE CYLINDER
- 1 STAINLESS STEEL FRONT PLATE FOR LEFT DOOR
- 1 HEXAGON NUT 18mm
- 1 PLASTIC WASHER

##### b>RIGHT DOOR

- 2 BRASS KEY WITH PLASTIC COVER
- 1 CYLINDER
- 1 OFFSET HOOK CAM 40mm
- 1 STAINLESS STEEL FRONT PLATE FOR RIGHT DOOR
- 1 HEXAGON NUT 19mm
- 1 PLASTIC WASHER

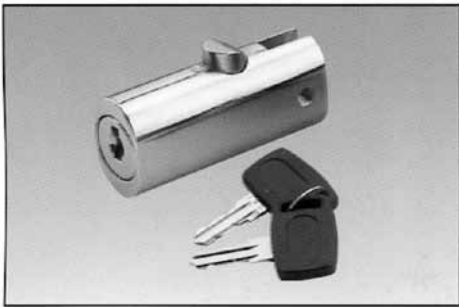


### ▲70-703 PUSH LOCK (FOR SLIDING DOOR)



\*ZINC ALLOY CYLINDER 19mm DIA  
 \*ACCESSORIES:  
 2 BRASS KEY WITH PLASTIC COVER  
 1 ROSETTE

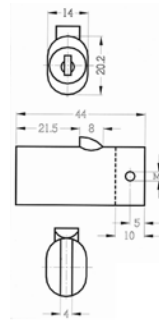
\*FUNCTION:  
 Locking by Pushing the Cylinder  
 Opening by Turning the Key.



### ▲70-714 FILE CABINET LOCK

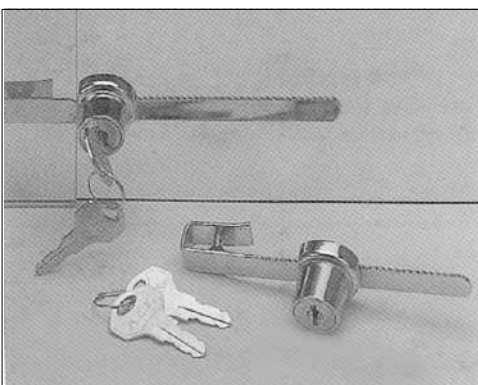
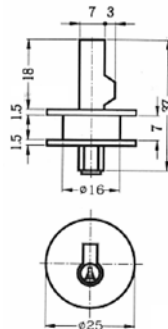
(PUSH BUTTON CYLINDER)

\*ZINC ALLOY CYLINDER  
 \*ACCESSORIES:  
 2 BRASS KEYS WITH PLASTIC COVER



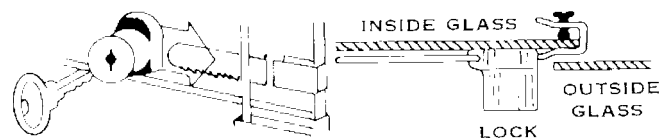
### ▲70-715 CABINET SLIDING GLASS DOOR LOCK

\*ACCESSORIES:  
 2 BRASS KEY WITHOUT PLASTIC COVER  
 1 PLUG 7mm LOCKING CASE  
 2 RUBBER WASHER  
 2 SCREWS



### ▲70-716 SLIDING GLASS DOOR LOCK

\*ZINC ALLOY CYLINDER  
 \*BAR LENGTH:120mmL. 140mmL. 160mmL







**▲70-719 DRAWER LOCK**

\*ZINC ALLOY CYLINDER. 19mm DIA

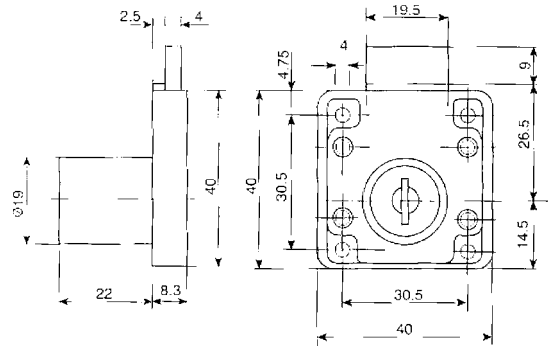
\*ACCESSORIES:

2 BRASS KEY WITH PLASTIC COVER

1 ROSETTE 19mm DIA

\*70-719R RIGHT-HAND LOCK

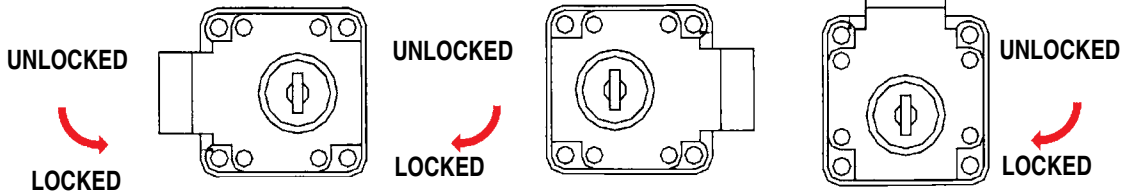
70-719L LEFT-HAND LOCK



**70-719R  
RIGHT-HAND LOCK**

**70-719L  
LEFT-HAND LOCK**

**70-719  
DRAWER LOCK**



**▲70-720 SLAM LOCK (SPRING RIM LOCK)**

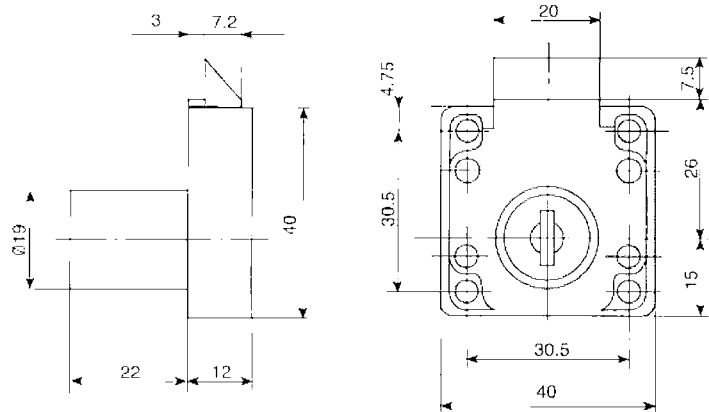
\*ZINC ALLOY CYLINDER

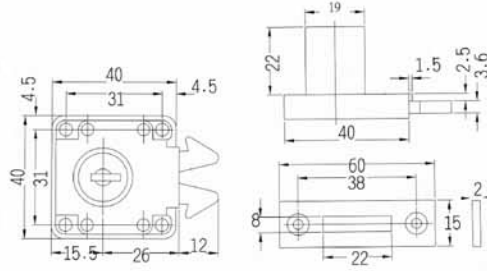
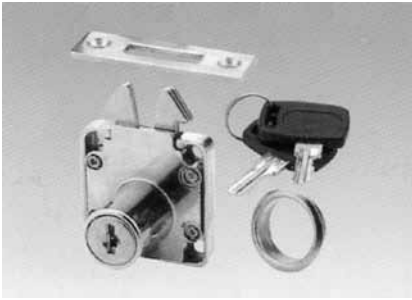
\*ACCESSORIES:

2 BRASS KEY WITH PLASTIC COVER

1 ROSETTE DIA 19mm

1 STRIKE PLATE

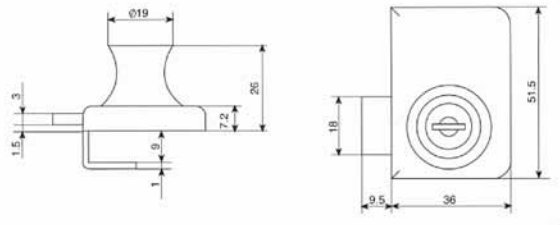




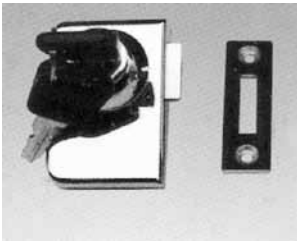
- ▲70-727 MORTISE LOCK (FOR ROLLER SHUTTERS)**  
 \*ZINC ALLOY CYLINDER 19mm DIA  
 \*ACCESSORIES:  
 2 BRASS KEY WITH PLASTIC COVER  
 1 ROSETTE DIA 19mm  
 1 STRIKING PLATE



**▲70-721 GLASS DOOR LOCK (FOR DOUBLE DOOR)**

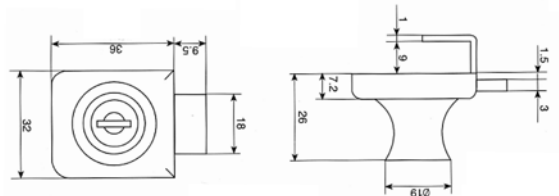


- \*ZINC ALLOY CYLINDER. 19mm DIA  
 \*ACCESSORIES:  
 2 BRASS KEY WITH PLASTIC COVER  
 2 M4 SCREWS  
 1 STRIKER PLATE



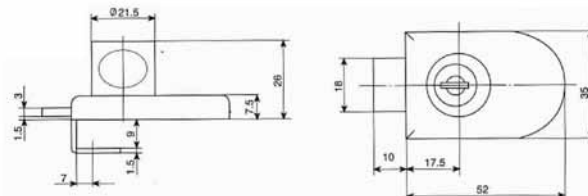
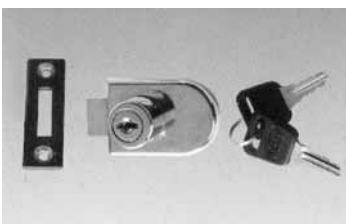
**▲70-722 GLASS DOOR LOCK (FOR SINGLE DOOR)**

- \*ZINC ALLOY CYLINDER. 19mm DIA  
 \*ACCESSORIES:  
 2 BRASS KEY WITH PLASTIC COVER  
 2 M4 SCREWS  
 1 STRIKER PLATE



**▲70-723 GLASS DOOR LOCK**

- \*ZINC ALLOY CYLINDER  
 \*ACCESSORIES:  
 2 BRASS KEY WITH PLASTIC COVER  
 2 M4 SCREWS  
 1 STRIKER PLATE



## ▲70-717 CENTRAL LOCK FRONTAL MOUNTED SYSTEM

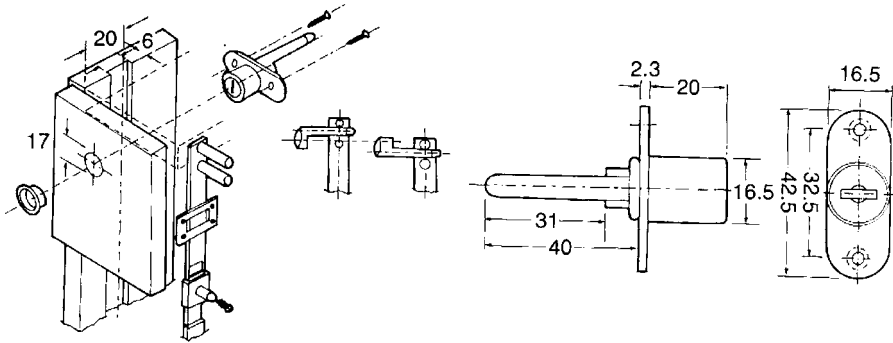
\*ZINC ALLOY CYLINDER. 16.5mm DIA

\*ACCESSORIES:

2 BRASS KEY WITH PLASTIC COVER

1 ROSETTE

### A: PEDESTAL LOCK BODY



**B: S-BAR**  
Aluminum Solid Locking Bar  
Standard Length 600mm.

70-717-1 One Set Contain:

No.	Part Name	PC
A	Lock body	1
B	S-Bar	1
C	Peg-17mm	3
D	Bar Guide	2

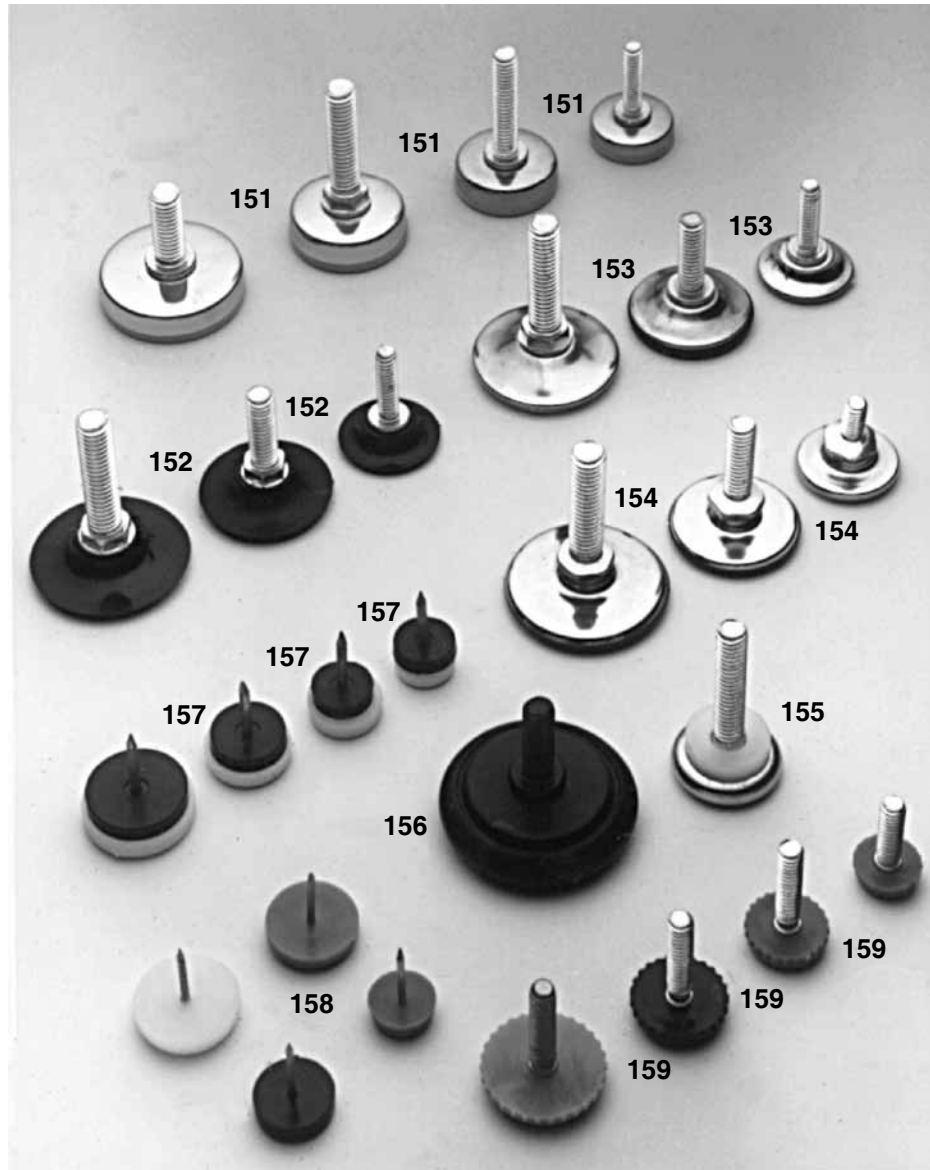
**B: C1-BAR**  
Steel Hollow C Locking Bar  
Standard Length 600mm.

70-717-2 One Set Contain:

No.	Part Name	PC
A	Lock Body	1
B	C1-Bar	1
E	Peg-12mm	3
F	Toothed Lock Washer	3
G	T Type Sceew	3
H	Bar Guide	2

**C: Peg-17mm**  
Zinc Alloy.  
Stand Length  
17mm.  
With M4  
Thread.

**D: Bar Guide**  
Steel Nickel Plated.



ITEM NO.	DIA (m/m)	THREAD (m/m)	STEM H (m/m)
●62-151A	25	1/4-20 or M6	19
●62-151B	25	5/16-18 or M8	25
●62-151C	32	1/4-20 or M6	19
●62-151D	32	5/16-18 or M8	25
●62-151E	32	3/8-16 or M10	38
●62-151F	35	1/4-20 or M6	19
●62-151G	35	5/16-18 or M8	25
●62-151H	35	3/8-16 or M10	38
●62-151I	43	5/16-18 or M8	25
●62-151J	43	3/8-16 or M10	38
●62-152A	28	1/4-20 or M6	19
●62-152B	28	5/16-18 or M8	25
■62-152C	35	1/4-20 or M6	19
■62-152D	35	5/16-18 or M8	25
■62-152E	35	3/8-16 or M10	38
●62-152F	43	5/16-18 or M8	25
●62-152G	43	3/8-16 or M10	38
●62-153A	28	1/4-20 or M6	19
●62-153B	28	5/16-18 or M8	25
■62-153C	35	1/4-20 or M6	19
■62-153D	35	5/16-18 or M8	25
■62-153E	35	3/8-16 or M10	38
●62-153F	43	5/16-18 or M8	25
●62-153G	43	3/8-16 or M10	38

ITEM NO.	DIA (m/m)	THREAD (m/m)	STEM H (m/m)
●62-154A	28	1/4-20 or M6	19 SWIVEL TYPE
●62-154B	35	1/4-20 or M6	19 SWIVEL TYPE
●62-154C	35	5/16-18 or M8	25 SWIVEL TYPE
●62-154D	43	5/16-18 or M8	25 SWIVEL TYPE
●62-154E	43	3/8-16 or M10	38 SWIVEL TYPE
▲62-155A	28	1/4-20 or M6	25
●62-156A	50	5/16-18 or M8	25
▲62-157A	16		19
▲62-157B	19		19
▲62-157C	22		19
▲62-157D	25		19
▲62-157E	28		19
■62-158A	13	FLAT HEAD	19
■62-158B	16	FLAT HEAD	19
■62-158C	19	FLAT HEAD	19
■62-158D	22	FLAT HEAD	19
■62-158E	25	FLAT HEAD	19
■62-158F	28	FLAT HEAD	19
▲62-159A	16	1/4-20 or M6	25
▲62-159B	19	1/4-20 or M6	25
▲62-159C	22	1/4-20 or M6	25
▲62-159D	25	1/4-20 or M6	25
▲62-159E	28	1/4-20 or M6	25

**▲62-276 ADJUSTABLE GLIDE**



\*25mm HEX BASE DIA  
\*STUD SIZE:3/8-16 x 25mm  
\*WITH SLOT ON THE TOP

**▲62-277 ADJUSTABLE GLIDE**



\*28mm BASE DIA  
\*STUD SIZE:3/8-16 x 36mm

**▲62-278 ADJUSTABLE GLIDE**



\*38mm BASE DIA  
\*STUD SIZE:5/16-18 x 38mm  
\*WITH SLOT ON THE BOTTOM

**●62-279 ADJUSTABLE GLIDE**



\*43mm BASE DIA  
\*STUD SIZE:3/8-16 x 63mm  
\*WITH HOLE ON THE TOP

**▲62-280 ADJUSTABLE GLIDE**



\*60mm BASE DIA  
\*STUD SIZE:M8 x 40mm

**▲62-281 ADJUSTABLE GLIDE**



\*50mm BASE DIA  
\*STUD SIZE:M10 x 35mm

**▲62-282 ADJUSTABLE GLIDE**



\*24mm BASE DIA  
\*STUD SIZE:3/8-16 x 38mm

**▲62-283 ADJUSTABLE GLIDE**



\*45mm BASE DIA  
\*STUD SIZE:5/16-18 x 88mm

**▲62-284 ADJUSTABLE GLIDE**

\*16mm BASE DIA  
\*STUD SIZE:1/4-20 x 25mm



**▲62-285 ADJUSTABLE GLIDE**

\*20mm BASE DIA  
\*STUD SIZE:M6x 19mm  
\*WITH SLOT ON THE TOP



**▲62-286 ADJUSTABLE GLIDE**

\*23mm BASE DIA  
\*STUD SIZE:5/16-18 x 38mm  
\*WITH SLOT ON THE TOP



**●62-263 ADJUSTABLE GLIDE**



\*Base DIA: 16mm, 20 mm, 22mm  
25mm, 28mm  
\*Stud Size: 1/4-20 x 20mm L  
M6 x 25mm L  
M8 x 25mm L

**●62-264 ADJUSTABLE GLIDE**



\*Base DIA: 22mm, 25mm, 28mm  
\*Stud Size: M8 x 25mm L

**●62-265 ADJUSTABLE GLIDE**



\*Base DIA: 22mm, 25mm, 28mm  
31mm, 34mm, 37mm  
\*Thread Size: M6 & 1/4-20  
M8 & 5/16-18  
M10 & 3/8-16  
\*Stem: 19. 25. 38mm L

**●62-266 ADJUSTABLE GLIDE**



\*Base DIA: 31mm, 34mm, 37mm  
\*Thread Size: M8 & 5/16-18  
M10 & 3/8-16  
\*Stem: 19. 25. 38mm L

**●62-267 ADJUSTABLE GLIDE**



\*Base DIA: 31mm, 34mm, 37mm  
\*Thread Size: M8 & 5/16-18  
M10 & 3/8-16  
\*Stem: 19. 25. 38mm L  
\*Steel Cover

**●62-268 ADJUSTABLE GLIDE**



\*Base DIA: 35mm, 40mm  
\*Thread Size: M8 & 5/16-18  
\*Stem: 25mm L

**▲20-2112 BED BOX CASTER**

\*20mm Wheel Dia, 10mm Width



**▲20-2113 BED BOX CASTER**

\*16mm Wheel Dia, 18mm Width  
\*Wheel Material: Nylon



**▲20-2114 BED BOX CASTER**

\*30mm Wheel Dia, 14mm Width  
\*Wheel Material: TPR



**●62-269 ADJUSTABLE GLIDE**



\*BASE DIA: 27mm, 32mm, 38mm  
\*THREAD SIZE: M6 & 1/4-20  
M8 & 5/16-18  
M10 & 3/8-16  
\*STEM: 19. 25. 38mm L  
\*STEEL COVER  
\*SWIVEL TYPE

**●62-270 ADJUSTABLE GLIDE**



\*BASE DIA: 30mm, 35mm, 40mm  
45mm, 50mm  
\*THREAD SIZE: M6 & 1/4-20  
M8 & 5/16-18  
M10 & 3/8-16  
\*STEM: 19. 25. 38mm L

**●62-271 ADJUSTABLE GLIDE**



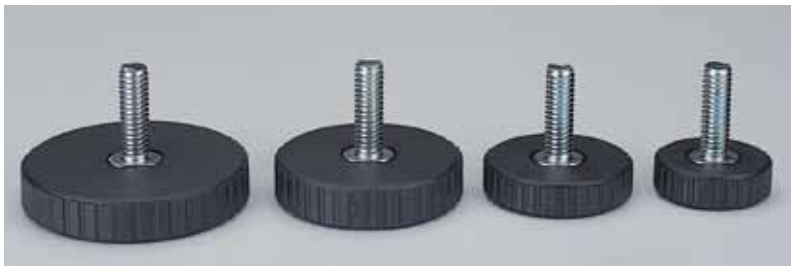
\*BASE DIA: 25mm, 28mm, 32mm  
35mm, 38mm, 43mm  
\*STUD SIZE: 5/16-18 x 25mm L  
\*SWIVEL TYPE

**●62-272 ADJUSTABLE GLIDE**



\*BASE DIA: 25mm, 28mm, 32mm  
35mm, 38mm, 43mm  
\*STUD SIZE: 5/16-18 x 25mm L  
\*STEEL COVER  
\*SWIVEL TYPE

**●62-273 ADJUSTABLE GLIDE**



\*BASE DIA: 32mm, 35mm, 40mm  
50mm, 60mm, 80mm  
\*THREAD SIZE: M8 & 5/16-18  
M10 & 3/8-16  
\*STEM: 19. 25. 38mm L  
\*SWIVEL TYPE

**●62-274 ADJUSTABLE GLIDE**



\*BASE DIA: 22mm, 25mm, 28mm  
32mm, 35mm, 38mm  
42mm, 45mm, 51mm  
58mm, 65mm, 76mm  
90mm  
\*THREAD SIZE: M8 & 5/16-18  
M10 & 3/8-16  
1/2-13  
\*STEM: 19. 25. 38mm L

**▲62-131 ADJUSTABLE GLIDE**



\*18mm & 20mm BASE DIA.  
\*STUD SIZE: M6 x 21mm L

**▲62-132 ADJUSTABLE GLIDE**



\*36mm BASE DIA.  
\*STUD SIZE: M8 x 21mm L

**▲62-133 ADJUSTABLE GLIDE**



\*29mm BASE DIA.  
\*STUD SIZE: 5/16-18 x 25mm L

**▲62-134 ADJUSTABLE GLIDE**



\*24mm BASE DIA.  
\*STUD SIZE: 5/16-18 x 29mm L

**▲62-135 ADJUSTABLE GLIDE**



\*38mm BASE DIA.  
\*STUD SIZE: M8 x 40mm L

**▲62-136 ADJUSTABLE GLIDE**



\*30mm BASE DIA.  
\*STUD SIZE: 5/16-18 x 25mm L  
5/16-18 x 60mm L  
\*ALUM DISC

**▲62-137 ADJUSTABLE GLIDE**



\*53mm BASE DIA.  
\*STUD SIZE: M8 x 19mm L  
\*PLASTIC COVER

**▲62-138 ADJUSTABLE GLIDE**



\*50mm BASE DIA.  
\*STUD SIZE: M10 x 20mm L  
\*STAINLESS STEEL COVER

**▲62-139 ADJUSTABLE GLIDE**



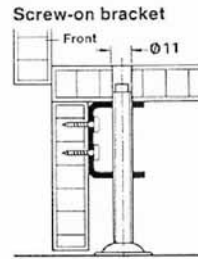
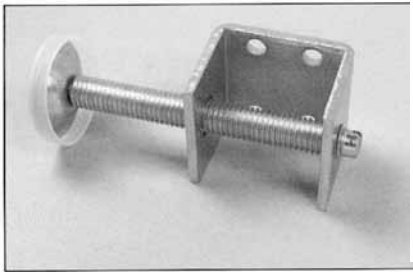
\*42mm BASE DIA.  
\*STUD SIZE: 3/8-16 x 79mm L  
\*STEEL COVER

**▲62-140 ADJUSTABLE GLIDE**

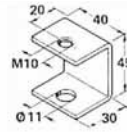


\*50mm BASE DIA.  
\*STUD SIZE: M10 x 50mm L  
\*STAINLESS STEEL COVER

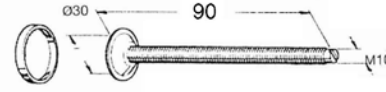




**■62-1554 PLINTH ADJUSTABLE GLIDE**

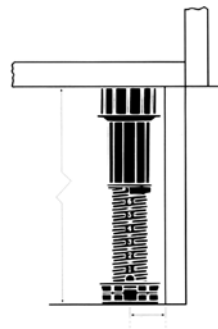


- \*M10 x 90mm Screw Z.P
- \*Plastic Cover Cap
- \*3mm Thick Bracket. Z.P



**▲62-1555 PLINTH ADJUSTABLE GLIDE**

- \*M10 x 100mm Screw Z.P
- \*Plastic Cover Cap
- \*3mm Thick Bracket. Z.P



**▲62-1556 FURNITURE ADJUSTABLE LEG**

- \*Adjustable Length : 61~94mm
- \*Material: P.P.

**▲62-1557 PLASTIC ADJUSTABLE LEG**

- \*54mm Base Dia
- \*23mm Height



**▲62-1558 FURNITURE GLIDE**

- \*50mm Base Dia
- \*15mm Height



**▲62-1559 FURNITURE GLIDE**

- \*50mm Base Dia
- \*29mm Height



**▲62-1560 FURNITURE GLIDE**

- \*32mm Dia
- \*2.5mm Thick



**▲62-1581 NAIL GLIDE**



\*Oval Type  
 \*1.8mm Nail Dia. 18mm Nail Length  
 \*Base Dia:13mm. 16mm.19mm. 22mm

**▲62-1582 NAIL GLIDE**

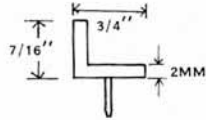


\*Steel Cover. NP  
 \*2.5mm Nail Dia. 18mm Nail Length.  
 \*Base Dia:19mm. 22mm. 28mm

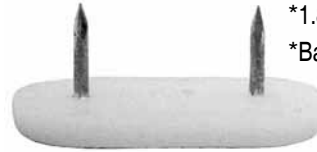
**▲62-1583 NAIL GLIDE**



\*Corner Type  
 \*1.5mm Nail Dia.  
 10mm Nail Length



**●62-1584 DOUBLE NAIL GLIDE**



\*1.8mm Nail Dia. 18mm Nail Length  
 \*Base Dia:19 x 41mm

**▲62-1551 ADJUSTABLE GLIDE**



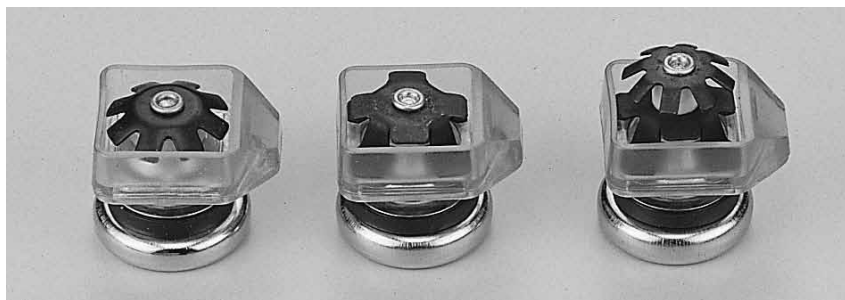
\*25mm Base Dia  
 \*Stud Size:1/4-20 x 22mmL  
 5/16-18 x 22mmL

**●62-1552 ADJUSTABLE GLIDE**



\*Swivel Type  
 \*Base Dia:31mm.37mm  
 \*Stud Size:1/4-20 x 25mmL  
 5/16-18 x 25mmL  
 3/8-16 x 25mmL

**■62-1553 TUBE GLIDE**



(A)STAR UMBRELLA (B)PHILLIPS UMBRELLA (C)DOUBLE UMBRELLA

\*Swivel Type  
 \*For 22mm Square Tube  
 \*Steel Cover. N.P  
 \*27mm Base Dia



(D)STAR UMBRELLA (E)STAR UMBRELLA

\*Swivel Type  
 \*Stainless Steel Base  
 \*31mm Base Dia  
 \*Type #D For 22mm Round Tube  
 \*Type #E For 28mm Round Tube

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**●62-1561 TUBE CONNECTOR**



- \*Double Umbrella For Round Tube
- \*Round Tube Dia:16mm. 19mm. 22mm.  
25mm. 28mm. 32mm.  
38mm. 45mm. 50mm.
- \*Thread Size:1/4-20 or M6  
5/16-18 or M8  
3/8-16 or M10

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**●62-1562 TUBE CONNECTOR**



- \*Double Umbrella For Round Tube
- \*Round Tube Dia.:16mm. 19mm. 22mm.  
25mm. 28mm. 32mm  
38mm. 45mm. 50mm.
- \*Stem Size:1/4-20 or M6 X 30mmL  
5/16-18 or M8 X 30mmL  
3/8-16 or M10 X 30mmL

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**●62-1563 TUBE CONNECTOR**



- \*Single Umbrella For Round Tube
- \*Round Tube Dia:16mm. 19mm. 22mm.  
25mm. 28mm. 32mm.  
38mm. 45mm. 50mm.
- \*Thread Size:1/4-20 or M6  
5/16-18 or M8  
3/8-16 or M10

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**●62-1564 TUBE CONNECTOR**



- \*Single Umbrella For Round Tube
- \*Round Tube Dia:16mm. 19mm. 22mm.  
25mm. 28mm. 32mm.  
38mm. 45mm. 50mm.
- \*Thread Size:1/4-20 or M6  
5.16-18 or M8  
3/8-16 or M10

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**●62-1565 TUBE CONNECTOR**

- \*Single Umbrella For Square Tube
- \*Square Tube Dia:19mm. 22mm. 25mm. 28mm.  
32mm. 38mm. 45mm. 50mm.
- \*Thread Size:1/4-20 or M6  
5/16-18 or M8  
3/8-16 or M10



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**●62-1566 TUBE CONNECTOR**

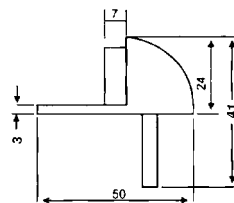
- \*Double Umbrella For Oval Tube
- \*Oval Tube Size:19 X 38mm  
25 X 50mm
- \*Thread Size:1/4-20 or M6  
5/16-18 or M8



# DOOR HOLDER & STOPPER



ITEM NO.	DESCRIPTION
▲50-5711	ZINC ALLOY DOOR HOLDER. 77mmH
▲50-5712	STAINLESS STEEL DOOR HOLDER. 77mmH
▲50-5713	PLASTIC DOOR HOLDER. 75mmH
▲50-5714	PLASTIC DOOR HOLDER. 39mmH
▲50-5715	ZINC ALLOY DOOR HOLDER. 39mmH
■50-5716	ZINC ALLOY DOOR STOPPER



**▲50-5717  
SOLID BRASS DOOR STOPPER W/HOOK**

\*DOOR MOUNTED TYPE



**▲50-5718  
SOLID BRASS DOOR STOPPER W/HOOK**

\*FLOOR MOUNTED TYPE



**▲50-5719  
SOLID BRASS MAGNETIC DOOR HOLDER**

\*DOOR MOUNTED TYPE



**▲50-5720 SOLID BRASS DOOR HOLDER**

\*DOOR MOUNTED TYPE



**●50-5743 WALL POCKET DOOR LOCKS**

**Passage & Privacy**

- \*Passage: Plain Front Inside and Out with Edge Pull
- \*Privacy: Turn Button to Lock with Exterior Release
- \*Overall Size: 2-1/2" by 2-3/4"



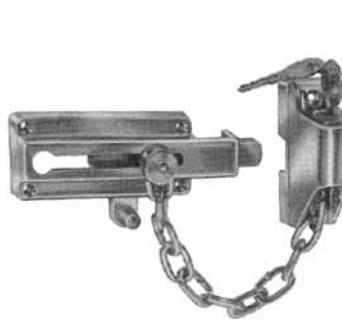
(A)PASSAGE



(B)PRIVACY

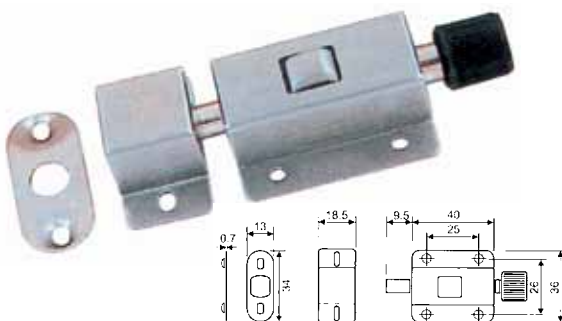
- \*Non-Handed
- \*Recommended for All Pocket Doors
- \*Fits All 1-3/8" to All 1-3/4" Doors
- \*Requires Only a Single Notch in Door for Installation

**●50-5744 KEY OPERATED DOOR GUARD**



- \*Bright Brass Finish
- \*Easily Locks from Inside or Outside by Snapping Bolt into Lock
- \*Exclusive Stop Prevents Chain Slippage
- \*Conveniently Unlocks with Key for Re-Entry
- \*Can be Used Inside the House without the Key
- \*Hardened Welded Chain Gives Maximum Protection
- \*Key Different

**▲50-5761 STAINLESS STEEL DOOR BOLT**



**●50-5762 STAINLESS STEEL SAFETY HASP**



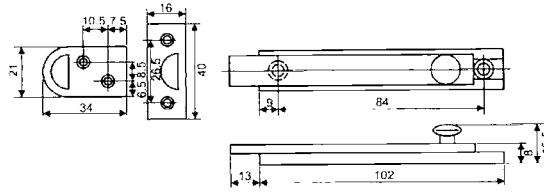
\*SIZE: 2", 3"H



**▲50-5763 SOLID BRASS SURFACE BOLT**

\*7/8". 1" WIDTH

\*LENGTH:2", 3", 4", 5", 6", 8"

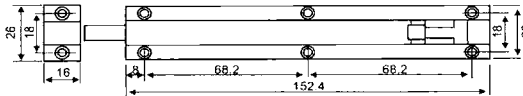


**▲50-5764 SOLID BRASS BARREL BOLT**

\*7/8", 1", 1-1/4", 1-1/2" WIDTH

\*LENGTH :1-1/2", 2", 2-1/2", 3", 4", 6", 8", 10", 12", 16", 18"

\*ROUND OR SQUARE TYPE

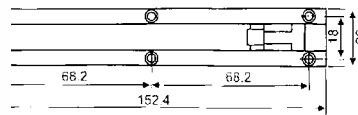


**▲50-5765 SOLID BRASS NECKED BOLT**

\*7/8", 1", 1-1/4", 1-1/2", WIDTH

\*LENGTH:1-1/2", 2", 2-1/2", 3", 4", 6", 8"

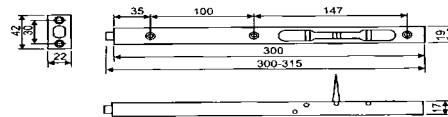
\*ROUND OR SQUARE TYPE



**▲50-5770 STAINLESS STEEL FLUSH BOLT**

\*3/4" WIDTH

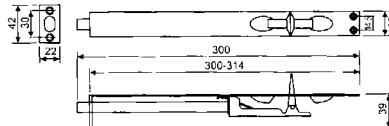
\*LENGTH:6", 8", 12"



**▲50-5771 STAINLESS STEEL FLUSH BOLT**

\*1" WIDTH

\*LENGTH:6", 8", 12"

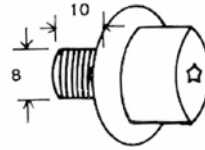


●20-2101 SHELF ROLLER



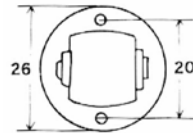
\*19mm Wheel Dia

●20-2102 SHELF ROLLER



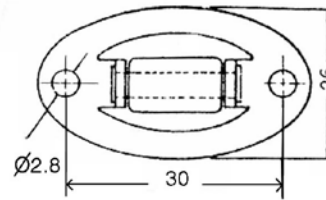
\*16mm Wheel Dia.

■20-2103 TV BOTTOM CASTER



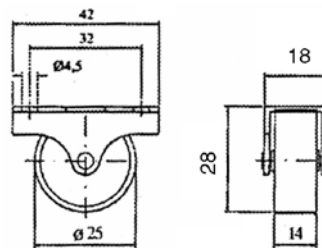
\*13mm Wheel Dia

●20-2104 TV BOTTOM CASTER



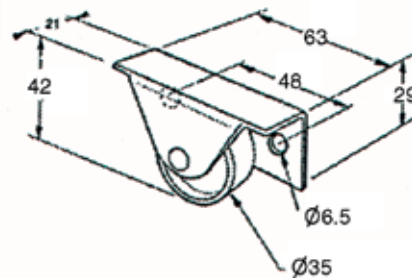
\*13mm Wheel Dia.

▲20-2105 BEDBOX CASTER



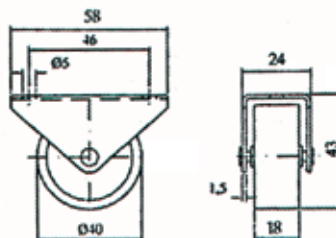
\*25mm Wheel Dia

▲20-2106 BEDBOX CASTER



\*35mm Wheel Dia

▲20-2107 BEDBOX CASTER



\*40mm Wheel Dia

# CASTER STEMS

## SOCKET STEM

8 x 25 NO. 39    7.8 x 25 NO. 38    8 x 28 NO. 37    8 x 38 NO. 36    7.8 x 38 NO. 35    7.6 x 40 NO. 34    11 x 38 NO. 33    11 x 32 NO. 32    11 x 25 NO. 31    11 x 22 NO. 30



## THREAD STEM



UNIT/mm

6mm x 15mm



8mm x 15mm



10mm x 15mm



12mm x 15mm



1/4" x 3/4"



1/4" x 1"



5/16" x 3/4"



5/16" x 1"



5/16" x 1 1/4"



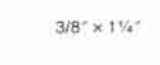
3/8" x 3/4"



3/8" x 1"



3/8" x 1 1/4"



## THREAD STEM



NO. 13  
1/2" x 1/2"



NO. 14  
1/2" x 3/4"



NO. 15  
1/2" x 1"



NO. 16  
1/2" x 1 1/4"

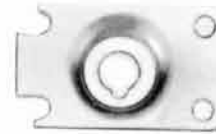
## PLATE STEM



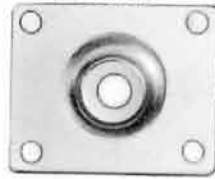
48  
2 x 42 x 42  
C/C 32 x 32



44  
3 x 30 x 51  
C/C 21 x 40



43  
3 x 30 x 51



49  
2 x 42 x 50  
C/C 40 x 32



45  
2 x 38 x 38  
C/C 32 x 36



42  
1.5 x 30 x 44



50  
2 x 50 x 50  
C/C 38 x 38



46  
2 x 38 x 38  
C/C 25 x 25



41  
1.5 x 32 x 32  
C/C 21 x 21



51  
3 x 42 x 63  
C/C 32 x 52



47  
2 x 34 x 34  
C/C 32 x 36



40  
1.5 x 28 x 28  
C/C 18 x 18

## FRICTION RING STEM (PIANO WIRE RING)



NO. 29  
11mm x 37mm



NO. 28  
11mm x 32mm



NO. 27  
11mm x 25mm



NO. 26  
11mm x 22mm



NO. 25  
10mm x 32mm



NO. 24  
10mm x 25mm



NO. 23  
10mm x 22mm



NO. 22  
9.5mm x 32mm



NO. 21  
9.5mm x 25mm



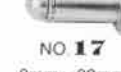
NO. 20  
9.5mm x 22mm



NO. 19  
8mm x 38mm



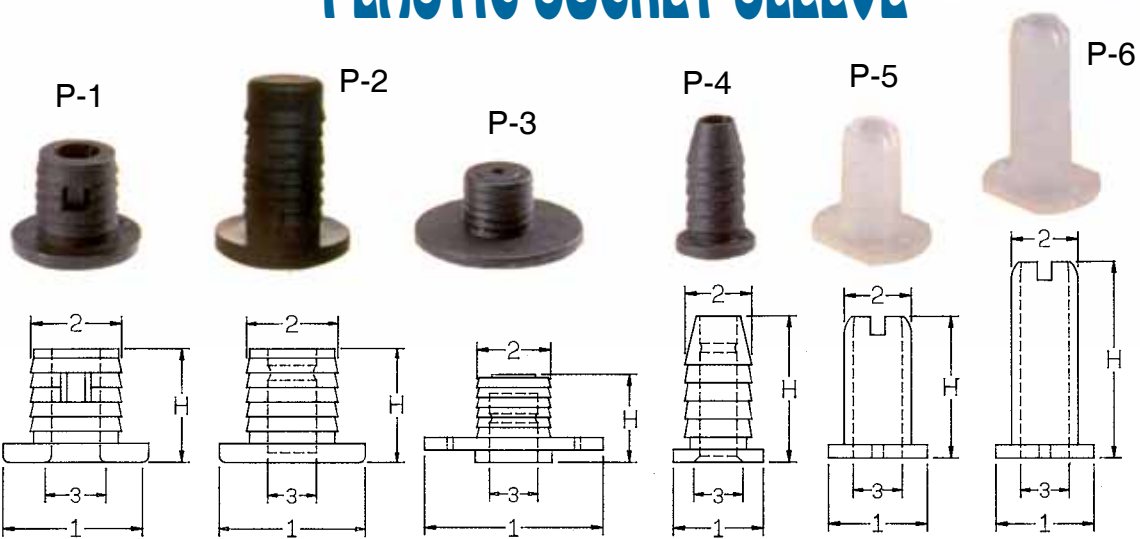
NO. 18  
8mm x 25mm



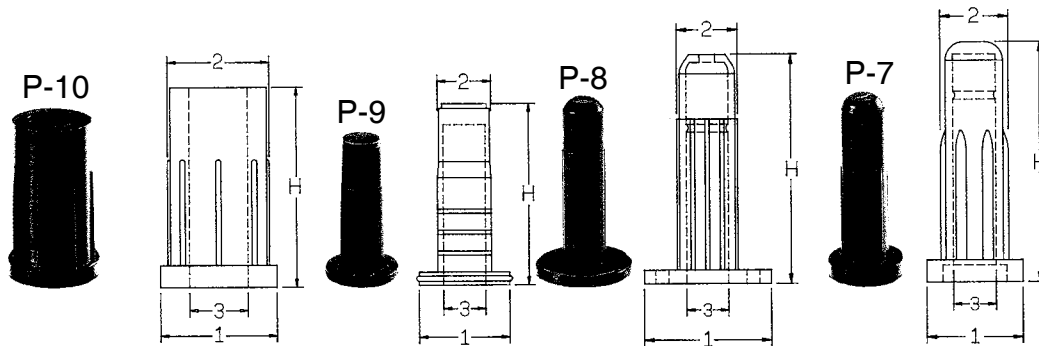
NO. 17  
8mm x 22mm



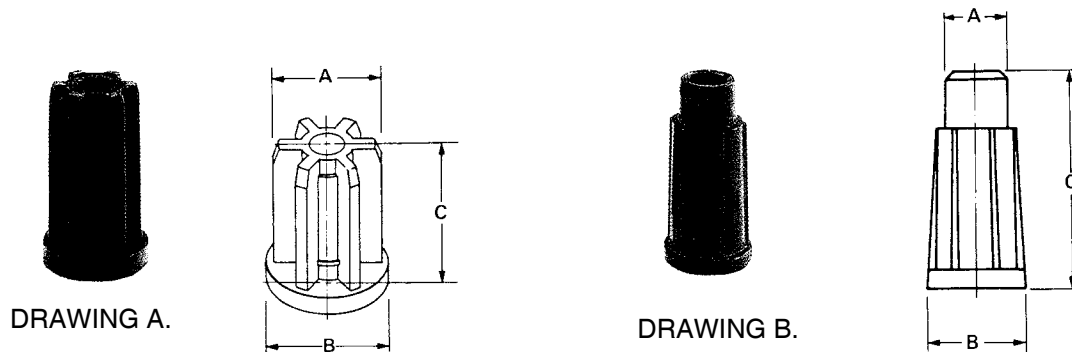
# PLASTIC SOCKET SLEEVE



ITEM NO.	MATERIAL	FINISH	1	2	3	H
P-1	NYLON	BLACK	23.8	14.8	8.2	18.5
P-2	NYLON	BLACK	23.8	14	8.2	30.5
P-3	NYLON	BLACK	29.8	12.4	7.8	14.2
P-4	PE	BLACK	15	11	6.2	24
P-5	PE	WHITE	15.8	10.2	7	21
P-6	PE	WHITE	16.2	11	8	32



ITEM NO.	MATERIAL	FINISH	1	2	3	H
P-7	NYLON	BLACK	18	11.5	8	46
P-8	NYLON	BLACK	25	11.2	8	44
P-9	NYLON	BLACK	17.2	10.2	8	34.5
P-10	NYLON	BLACK	22.3	20.5	11.2	38



DRAWING A.

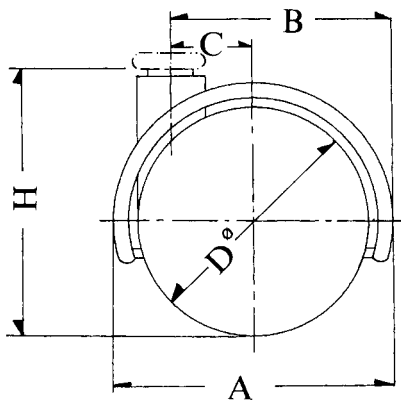
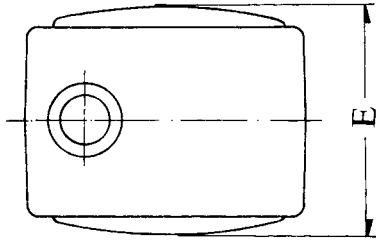
DRAWING B.

ITEM NO.	TUBE SIZE	A DIM.	C DIM.	B DIM.	DRAWING NO.
P-15	1/2"	9.8M/M	34.2M/M	13.2M/M	B
P-14	5/8"	9.8M/M	34M/M	15.8M/M	B
P-13	3/4"	17M/M	34M/M	19.5M/M	A
P-12	7/8"	20.4M/M	34M/M	22.4M/M	A
P-11	1"	23.5M/M	33.5M/M	25.5M/M	A

# TWIN WHEEL CASTER

## ■20-103TW

AXLE: SNAP ON TYPE  
WHEEL MATERIAL: NYLON  
HOOD MATERIAL: NYLON

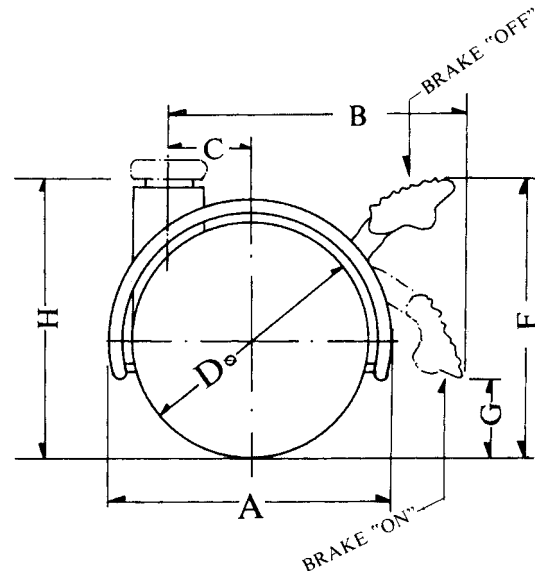
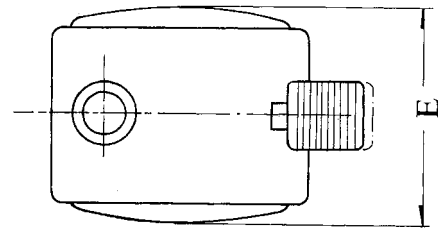


### 20-103TW

	A	B	C	D	E	H	
TW-30	36.8	28.4	10	30	35	36.5	
TW-35	43	33	11.5	35	36.5	40.5	
TW-40	48	37	13	40	38	46.5	
TW-42	48.6	38.3	14	41	40.5	48	TWV-42
TW-45	51.8	41	15	44	37.5	49	
TW-50 (68)	58.6	47.3	18	50	46.5	55.5	TWV-50 (68)
TW-50 (89)	58.6	47.3	18	50	46.5	55.5	
TW-60	68.6	54.3	20	60	52.5	67	

## ■20-108TWB

AXLE: SNAP ON TYPE  
WHEEL MATERIAL: NYLON  
HOOD MSYRTISL: NYLON  
WITH BRAKE



### 20-108 TWB

	A	B	C	D	E	F	G	H
TWB-42	48.6	49	14	41	40.5	46	14	48
TWB-45	51.8	51	15	44	37.5	47.5	16	49
TWB-50 (68)	58.6	57	18	50	46.5	53.5	19	55.5
TWB-50 (89)	58.6	57	18	50	46.5	53.5	19	55.5
TWB-60	68.6	62	20	60	52.5	59	27	67

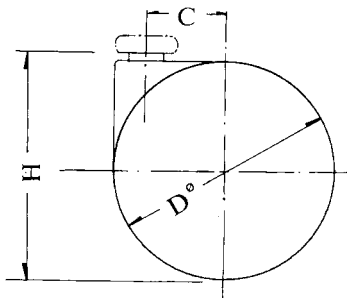
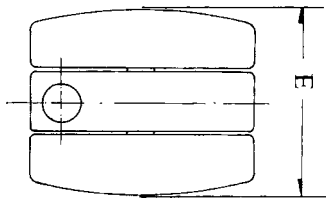
# TWIN WHEEL CASTER

## ■20-105UTW

AXLE: SNAP ON TYPE

WHEEL MATERIAL: NYLON

CENTER PIECE MATERIAL: NYLON



### 20-105UTW

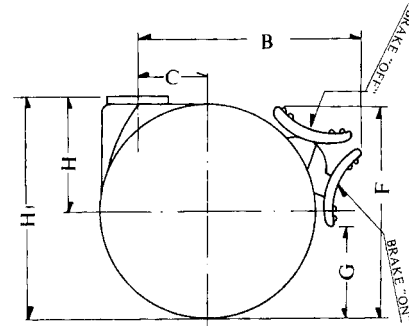
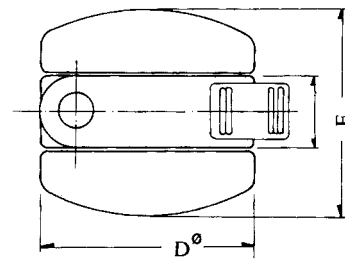
	C	D	E	H
UTW-40	12.5	39	42.5	41
UTW-42	13	41	38	43
UTW-45	15	44	37	46
UTW-50	18	50	43	51.5
UTW-60	22	60	50	62
UTW-75	26.5	73	46	75

## ■20-105UTWB

AXLE: SNAP ON TYPE

WHEEL MATERIAL: NYLON

CENTER PIECE MATERIAL: NYLON  
WITH BRAKE



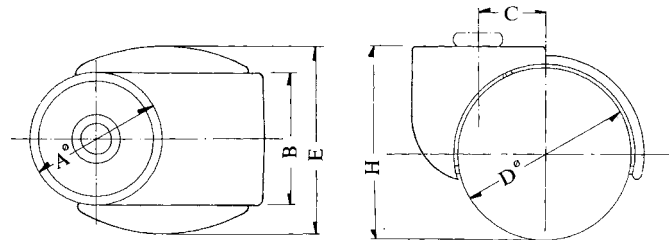
### 20-105UTWB

	B	C	D	E	H	H'	F	G
UTWB-50	53	16.6	50	46	27	52	50	21

# TWIN WHEEL CASTER

## ■20-102CTW

AXLE: SNAP ON TYPE  
 WHEEL MATERIAL: NYLON  
 HOOD MATERIAL: NYLON

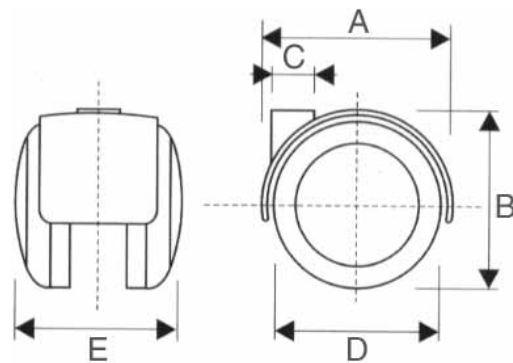


### 20-102CTW

	A	B	C	D	E	H
CTW30/50	30	30	20	50	44.5	58
CTW38/50 (89)	37.5	37.5	18.75	50	54.5	57
CTW38/50 (68)	37.5	37.5	18.75	50	52.5	56.5
CTW35/50	34.5	34.5	17.25	50	49.5	56.5
CTW42/50	41.5	37.5	20.75	50	54.5	57

## ▲20-110TW

AXLE: SNAP ON TYPE  
 WHEEL MATERIAL: NYLON  
 WITH PU RING



### 20-110TW

ITEM NO.	A	B	C	D	E	LOADING CAPACITY
TW-50	60	55	15	50	54	50 KGS

# TWIN WHEEL CASTER







## ▲20-118UTW

AXLE: SNAP ON TYPE

WHEEL MATERIAL: NYLON

CENTER PIECE MATERIAL: NYLON

ITEM NO.	 mm	 mm	 mm	 kg
20-118UTW	75	62	80	50
	100	75	105	65







## ▲20-119UTWB

AXLE: SNAP ON TYPE

WHEEL MATERIAL: NYLON

CENTER PIECE MATERIAL: NYLON

WITH BRAKE

ITEM NO.	 mm	 mm	 mm	 kg
20-119UTWB	75	62	80	50
	100	75	105	65

## ▲20-2108 BED BOX CASTER

\*15mm Wheel Dia, 12mm Width



## ▲20-2109 BED BOX CASTER

\*15mm Wheel Dia, 12mm Width



## ▲20-2110 BED BOX CASTER

\*24mm Wheel Dia, 14mm Width



## ▲20-2111 BED BOX CASTER

\*25mm Wheel Dia, 12.5mm Width



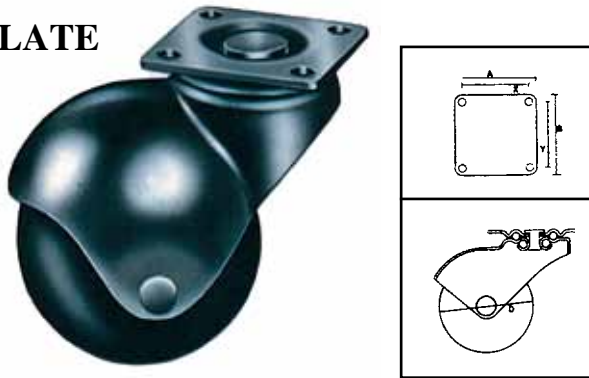
# HOODED BALL CASTER

## ■20-112

WHEEL MATERIAL: (1)SOFT RUBBER  
(2)PVC

### 20-112BP

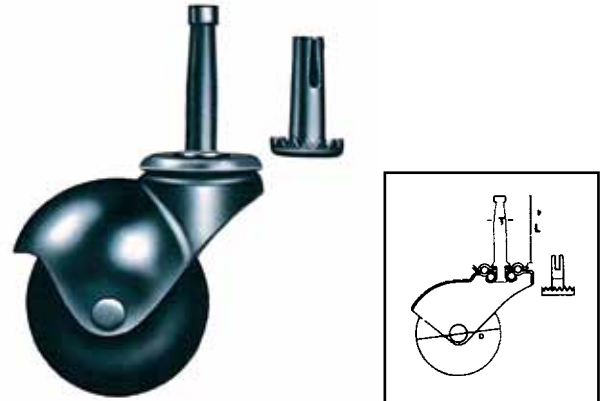
#### TOP PLATE



ITEM NO	BALL DIA	PLATE SIZE	MOUNTING HOLES SPACING	BOLT HOLES DIA	LOAD CAPACITY
	D	A x B	X x Y	P	Per pc.
BP-40	40m/m	38x38	26x26	5m/m	25kgs
BP-50	50m/m	38x38	26x26	5m/m	30kgs

### 20-112BS

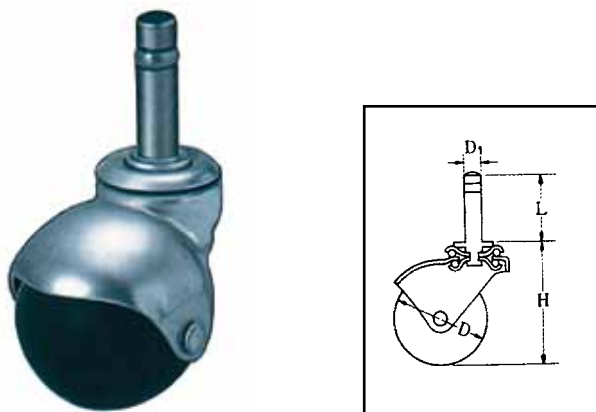
#### TOP STEM WITH SOCKET



ITEM NO	WHEEL DIA	STEM DIA	STEM LENGTH	LOAD CAPACITY
	D	T	L	Per pc.
BS-40	40m/m	8m/m	38m/m	25kgs
BS-50	50m/m	8m/m	38m/m	30kgs

### 20-112BF

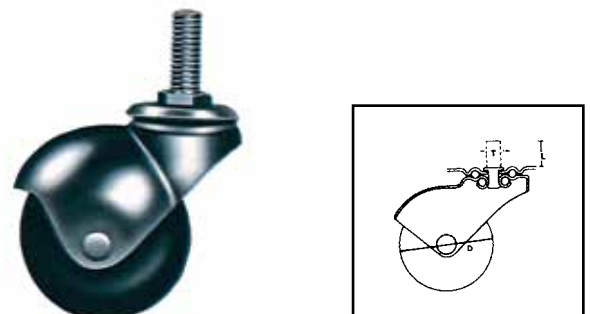
#### TOP STEM WITH FRICTION RING



ITEM NO	BALL DIA	STEM DIA	STEM LENGTH	LOAD CAPACITY
	D	D1	L	Per pc.
BF-40	40m/m	11m/m	38m/m	25kgs
BF-50	50m/m	11m/m	38m/m	30kgs

### 20-112BT

#### TOP SCREW THREADED



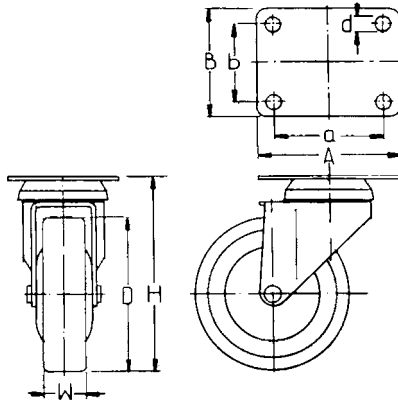
ITEM NO	BALL DIA	SCREW DIA	STEM L	LOAD CAPACITY
	D	T	L	Per pc.
BT-40	40m/m	3/8"	3/4"	25kgs
BT-50	50m/m	3/8"	3/4"	30kgs

# SINGLE CASTER

## ▲20-113

WHEEL MATERIAL: (1)SOFT RUBBER  
(2)PU

### 20-113LPO SWIVEL PLATE

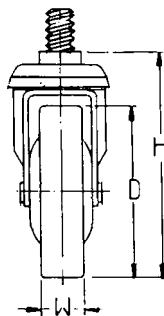


### 20-113LPOB SWIVEL PLATE WITH BRAKE



ITEM NO	WHEEL DIA	WHEEL WIDTH	OVERALL HEIGHT	PLATE SIZE	MOUNTING HOLES SPACING	BOLT HOLES DIA	LOAD CAPACITY
	D	W	H	A x B	a x b	d	Per pc.
LPO-75	75m/m	25m/m	100m/m	75.5x65	57.5x47	8m/m	50kgs
LPO-100	100m/m	25m/m	130m/m	93x75	72x53.5	10m/m	70kgs
LPO-125	125m/m	25m/m	155m/m	93x75	72x53.5	10m/m	90kgs

### 20-113LTO SWIVEL STEM



### 20-113LTOB SWIVEL STEM WITH BRAKE



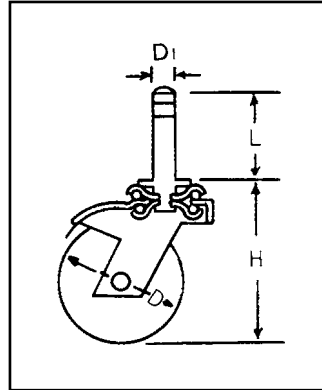
ITEM NO	WHEEL DIA	WHEEL WIDTH	OVERALL HEIGHT	STEM LENGTH	STEM DIA	LOAD CAPACITY
	D	W	H	L	D1	Per pc.
LTO-75	75m/m	25m/m	104m/m	29mm	1/2"x12UNC	50kgs
LTO-100	100m/m	25m/m	133m/m	29mm	1/2"x12UNC	70kgs
LTO-125	125m/m	25m/m	157m/m	29mm	1/2"x12UNC	90kgs

# TRUCK CASTER

## ■20-114LF FRICTION RING STEM WITHOUT BRAKE



INSIDE HARD RUBBER  
& OUTSIDE SOFT RUBBER  
WHEEL, DOUBLE BALL  
BEARINGS, ZINC FINISH



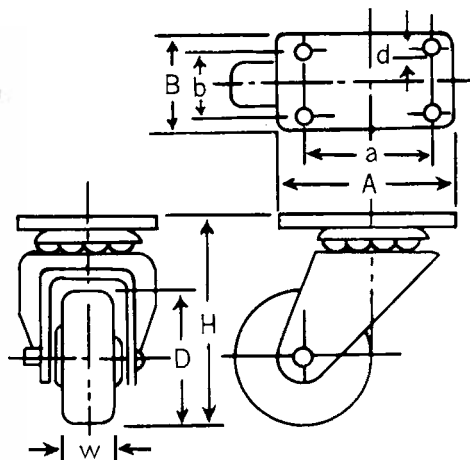
## ■20-114LFB WITH BRAKE



ITEM NO	WHEEL DIA	WHEEL WIDTH	STEM DIA x LENGTH	OVERALL HEIGHT	LOAD CAPACITY Per pc.
LF-65	2 1/2"	7/8"	7/16" x 1 1/2"	3"	30kgs
LF-75	3"	7/8"	7/16" x 1 1/2"	3 1/2"	40kgs
LF-100	4"	1"	7/16" x 1 1/2"	4-3/4"	50kgs
LF-125	5"	1"	7/16" x 1 1/2"	6"	60kgs

## ■20-115 WHEEL MATERIAL: (1)RUBBER (2)PLASTIC

### 20-115LPA SWIVEL PLATE



### 20-115LPAB SWIVEL PLATE WITH BRAKE



ITEM NO	WHEEL DIA	WHEEL WIDTH	OVERALL HEIGHT	PLATE SIZE	MOUNTING HOLES SPACING	BOLT HOLES DIA	LOAD CAPACITY
	D	W	H	A x B	a x b	d	Per pc.
LPA-50	2"	13/16"	2 1/2"	2"x2"	1 1/2"x1 1/2"	5.5m/m	30kgs
LPA-65	2 1/2"	13/16"	3-1/8"	2"x2"	1 1/2"x1 1/2"	5.5m/m	40kgs
LPA-75	3"	13/16"	3-5/8"	2"x2"	1 1/2"x1 1/2"	5.5m/m	50kgs
LPA-100	4"	7/8"	4-9/16"	4"x2 3/4"	3"x1 3/4"	8m/m	60kgs

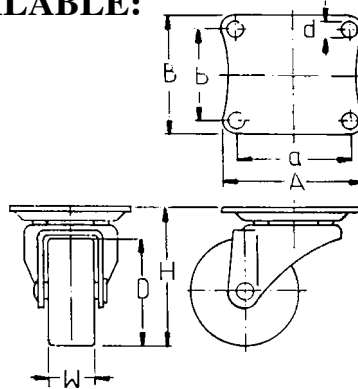


# TRUCK CASTER

## ■20-116LPK SWIVEL PLATE



**WHEELS AVAILABLE:**  
**(1) PLASTIC**  
**(2) RUBBER**  
**(3) CAST IRON**



## ■20-116LPKB SWIVEL PLATE WITH BRAKE

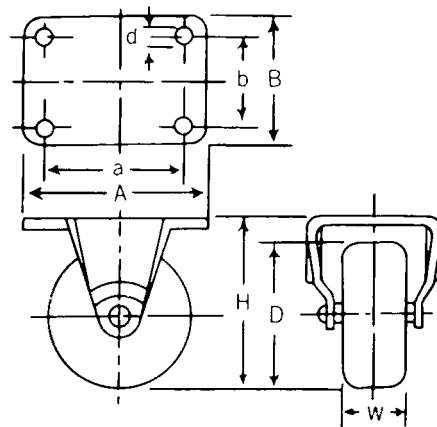


ITEM NO	WHEEL DIA	WHEEL WIDTH	OVERALL HEIGHT	PLATE SIZE	MOUNTING HOLES SPACING	BOLT HOLES DIA	LOAD CAPACITY
	D	W	H	A x B	a x b	d	Per pc.
LPK-25	1"	1/2"	1-5/16"	1-3/8"x1-3/16"	1-1/8"x7/8"	4.2m/m	8kgs
LPK-32	1-1/4"	9/16"	1-5/8"	1-1/2"x1-1/4"	1-3/16"x15/16"	4.2m/m	12kgs
LPK-38	1-1/2"	11/16"	2"	1-13/16"x1-1/2"	1-7/16"x1-1/8"	5.2m/m	20kgs
LPK-50	2"	7/8"	2-1/2"	2-5/16"x1-7/8"	1-13/16"x1-3/8"	6m/m	30kgs
LPK-65	2-1/2"	1"	3-1/4"	2-3/4"x2-5/16"	2-3/16"x1-5/8"	8.8m/m	50kgs
LPK-75	3"	1"	3-1/2"	2-3/4"x2-5/16"	2-3/16"x1-5/8"	8.8m/m	60kgs
LPK-100	4"	1"	4-9/16"	4"x2-5/16"	3-1/4"x1-5/8"	8.8m/m	70kgs

## ■20-116LPKR RIGID PLATE

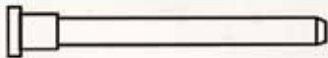
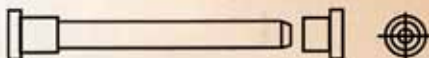
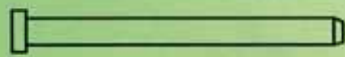
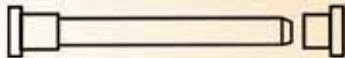

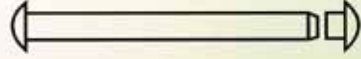
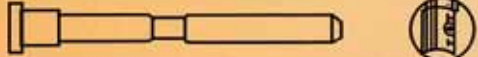
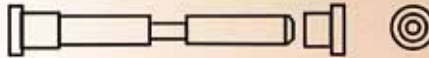
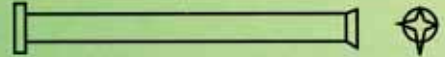
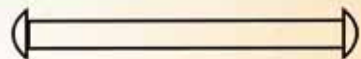

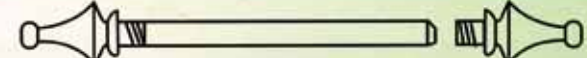

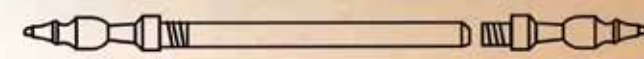
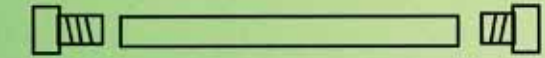


**WHEELS AVAILABLE:**  
**(1) PLASTIC**  
**(2) RUBBER**  
**(3) CAST IRON**



ITEM NO	WHEEL DIA	WHEEL WIDTH	OVERALL HEIGHT	PLATE SIZE	MOUNTING HOLES SPACING	BOLT HOLES DIA	LOAD CAPACITY
	D	W	H	A x B	a x b	d	Per pc.
LPKR-25G	1"	1/2"	1-5/16"	1-7"x16"	1-1/8"	4.2m/m	8kgs
LPKR-32G	1-1/4"	9/16"	1-5/8"	1-7"x16"	1-1/8"	4.2m/m	12kgs
LPKR-38G	1-1/2"	11/16"	2"	1-13/16"x1"	1-7/16"x9/16"	5.2m/m	20kgs
LPKR-50G	2"	7/8"	2-1/2"	2-5/16"x1-9/16"	1-3/8"x1"	6m/m	30kgs
LPKR-65G	2-1/2"	1"	3-1/4"	2-3/4"x1-13/16"	2-1/8"x1"	8m/m	50kgs
LPKR-75G	3"	1"	3-1/2"	2-3/4"x1-13/16"	2-1/8"x1"	8m/m	60kgs
LPKR-100G	4"	1"	4-9/16"	4"x2-5/16"	3-3/16"x1-5/8"	8m/m	70kgs

# STYLES OF PINS FOR BUTT HINGES

THE SPECIAL STYLES OF PIN	STYLE	SYMBOL
	LOOSE PIN	LPI
	LOOSE PIN BOTTOM BUTTON	DPI
	LOOSE PIN	LP2
	LOOSE PIN BOTTOM BUTTON	DP2
	FIXED PIN TRIPARTITE	DP3
	LOOSE PIN DOUBLE BUTTON OVAL TIP	DP4
	OPTIONAL NON- REMOVABLE PIN	NRP1
	OPTIONAL NON- REMOVABLE PIN BOTTOM BUTTON	NRP2
	FIXED PIN	FP2
	FIXED PIN	FP1
	STEEPLE FINIAL LOOSE PIN	SFP
	CROWN FINIAL LOOSE PIN	CFP
	BALL FINIAL LOOSE PIN	BFP
	PAGODA FINIAL LOOSE PIN	PFP
	FLAT TIP LOOSE PIN	FTP

# STEEL BUTT HINGE

3"X3"

● **STANDARD WOOD DOOR HINGE SERIES**

● **STANDARD TYPES**



SQUARE CORNER  
50-3300

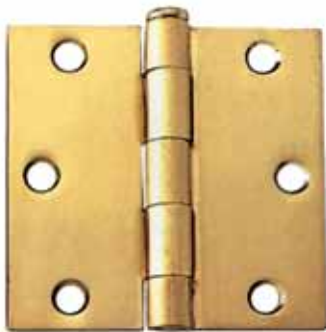


1/4"RADIUS CORNER  
50-3322



5/8"RADIUS CORNER  
50-3355

● **CANADA HOLE TYPES**



SQUARE CORNER  
50-3300



1/4"RADIUS CORNER  
50-3322



5/8"RADIUS CORNER  
50-3355

DESCRIPTIONS	MODEL NO.	THICKNESS OF METAL		RADIUS OF CORNER		SIZE OF SCREWS
		INCH	mm	TWO-KNUCKLE LEAF	THREE-KNUCKLE LEAF	
STANDARD TYPE	▲50-3300	0.08	2.0	SQUARE	SQUARE	#9
	▲50-3322	0.08	2.0	1/4"	1/4"	#9
	▲50-3355	0.08	2.0	5/8"	5/8"	#9
CANADA HOLE TYPE	▲50-3300	0.08	2.0	SQUARE	SQUARE	#8
	▲50-3322	0.08	2.0	1/4"	1/4"	#8
	▲50-3355	0.08	2.0	5/8"	5/8"	#8

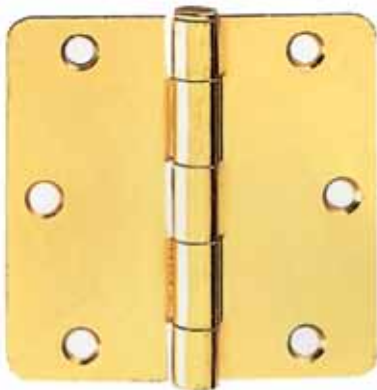
# STEEL BUTT HINGE

3 1/2" X 3 1/2"

● **STANDARD WOOD DOOR HINGE SERIES**



SQUARE CORNER  
50-3500



1/4" RADIUS CORNER  
50-3522



5/8" RADIUS CORNER  
50-3555

DESCRIPTIONS	MODEL NO.	THICKNESS OF METAL		RADIUS OF CORNER		SIZE OF SCREWS
		INCH	mm	TWO-KNUCKLE LEAF	THREE-KNUCKLE LEAF	
STANDARD WOOD DOOR	▲50-3500	0.087	2.2	SQUARE	SQUARE	#9
HINGE SERIES	▲50-3522	0.087	2.2	1/4"	1/4"	#9
	▲50-3555	0.087	2.2	5/8"	5/8"	#9

# STEEL BUTT HINGE

4"X4"

● **STANDARD WOOD DOOR HINGE SERIES**

● **STANDARD TYPES**



SQUARE CORNER  
50-4400



1/4"RADIUS CORNER  
50-4422



5/8"RADIUS CORNER  
50-4455

● **CANADA HOLE TYPES**



SQUARE CORNER  
50-4400



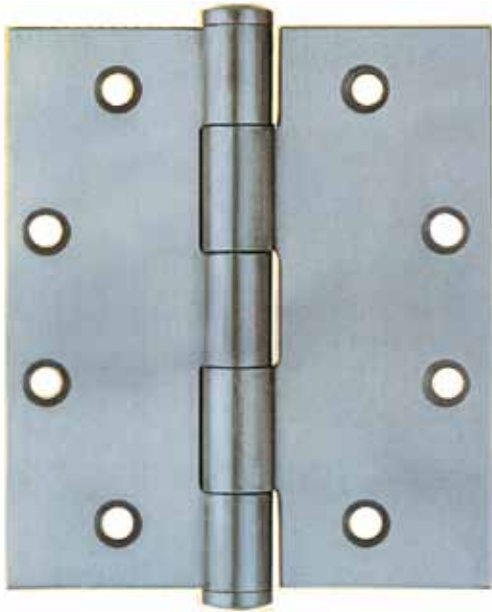
1/4"RADIUS CORNER  
50-4422



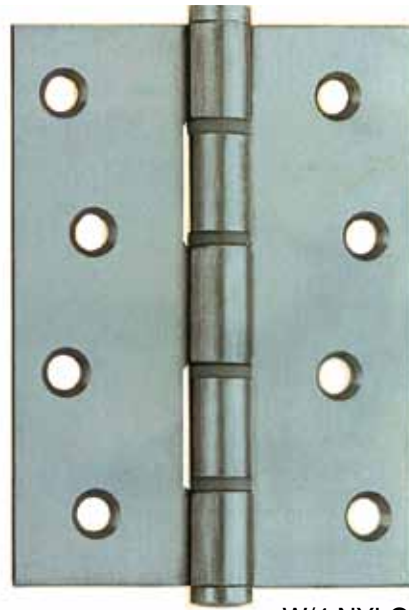
5/8"RADIUS CORNER  
50-4455

DESCRIPTIONS	MODEL NO.	THICKNESS OF METAL		RADIUS OF CORNER		SIZE OF SCREWS
		INCH	mm	TWO - KNUCKLE LEAF	THREE-KNUCKLE LEAF	
STANDARD HOLE TYPE	▲50-4400	0.087	2.2	SQUARE	SQUARE	#9
	▲50-4422	0.087	2.2	1/4"	1/4"	#9
	▲50-4455	0.087	2.2	5/8"	5/8"	#9
CANADA HOLE TYPE	▲50-4400	0.087	2.2	SQUARE	SQUARE	#8
	▲50-4422	0.087	2.2	1/4"	1/4"	#8
	▲50-4455	0.087	2.2	5/8"	5/8"	#8

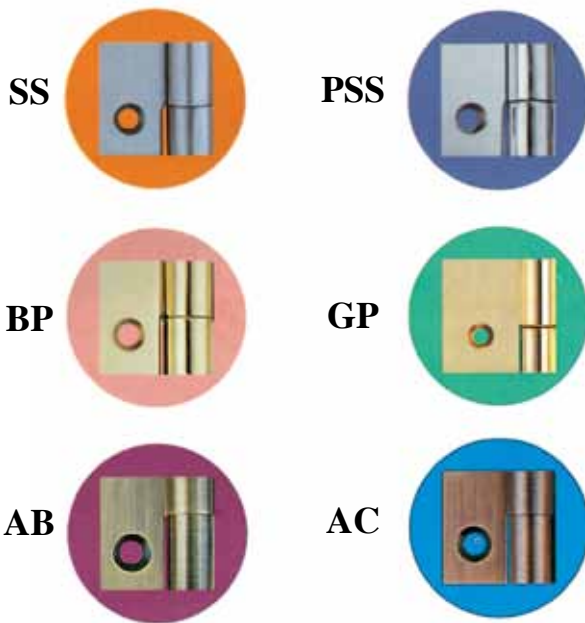
# ▲ STAINLESS STEEL BUTT HINGE



STANDARD



W/4 NYLON WASHER

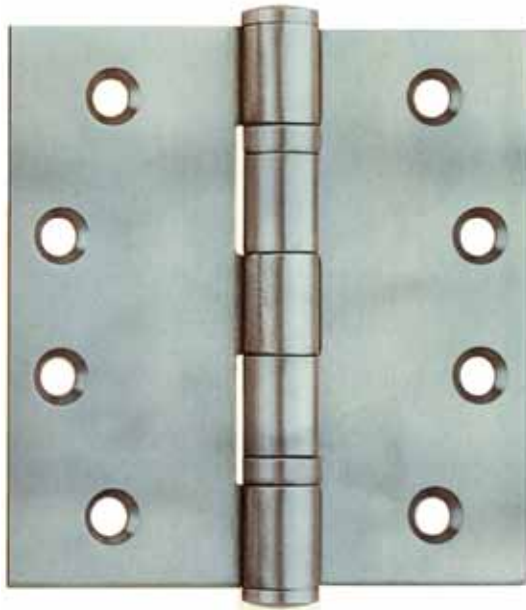


MODEL NO.	DIMENSION (HxWxT)
51-352020	3.5"x2.0"x2.0mm
51-303020	3.0"x3.0"x2.0mm
51-353520	3.5"x3.5"x2.0mm
51-403020	4.0"x3.0"x2.0mm
51-404020	4.0"x4.0"x2.0mm
51-353525	3.5"x3.5"x2.5mm
51-403025	4.0"x3.0"x2.5mm
51-404025	4.0"x4.0"x2.5mm
51-503025	5.0"x3.0"x2.5mm
51-503525	5.0"x3.5"x2.5mm
51-353530	3.5"x3.5"x3.0mm
51-403030	4.0"x3.0"x3.0mm
51-404030	4.0"x4.0"x3.0mm
51-454030	4.5"x4.0"x3.0mm
51-454530	4.5"x4.5"x3.0mm
51-503030	5.0"x3.0"x3.0mm
51-503530	5.0"x3.5"x3.0mm
51-504030	5.0"x4.0"x3.0mm
51-505030	5.0"x5.0"x3.0mm
51-603530	6.0"x3.5"x3.0mm
51-604030	6.0"x4.0"x3.0mm
51-605030	6.0"x5.0"x3.0mm
51-403035	4.0"x3.0"x3.5mm
51-404035	4.0"x4.0"x3.5mm
51-454035	4.5"x4.0"x3.5mm
51-454535	4.5"x4.5"x3.5mm
51-503035	5.0"x3.0"x3.5mm
51-503535	5.0"x3.5"x3.5mm
51-504035	5.0"x4.0"x3.5mm
51-505035	5.0"x5.0"x3.5mm
51-603535	6.0"x3.5"x3.5mm
51-604035	6.0"x4.0"x3.5mm
51-605035	6.0"x5.0"x3.5mm
51-403040	4.0"x3.0"x4.0mm
51-404040	4.0"x4.0"x4.0mm
51-454040	4.5"x4.0"x4.0mm
51-454540	4.5"x4.5"x4.0mm
51-503040	5.0"x3.0"x4.0mm
51-503540	5.0"x3.5"x4.0mm
51-504040	5.0"x4.0"x4.0mm
51-505040	5.0"x5.0"x4.0mm
51-603540	6.0"x3.5"x4.0mm
51-604040	6.0"x4.0"x4.0mm
51-605040	6.0"x5.0"x4.0mm

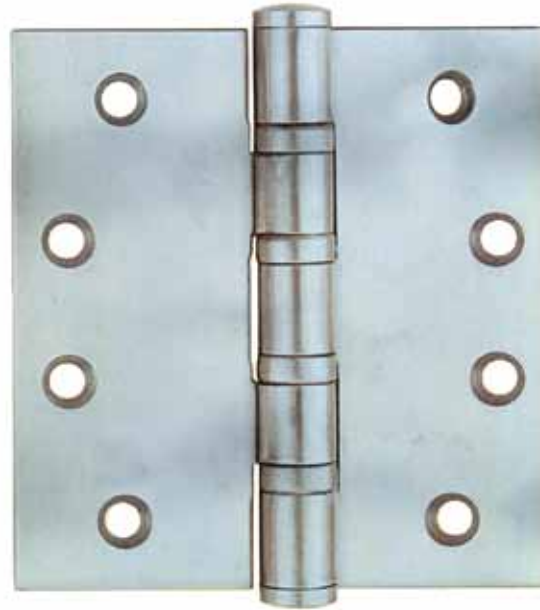
**Recommendation : 3 pieces per door**

- 2.0mm Thickness Hinges: 25 ~ 40Kgs per Door
- 2.5mm Thickness Hinges: 40 ~ 60Kgs per Door
- 3.0mm Thickness Hinges: 60 ~ 80Kgs per Door
- 3.5mm Thickness Hinges: 80 ~ 120Kgs per Door
- 4.0mm Thickness Hinges: 120 ~ 150Kgs per Door

# ▲ STAINLESS STEEL BUTT HINGE



W/2 BALL BEARING



W/4 BALL BEARING

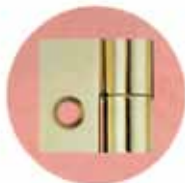
SS



PSS



BP



GP



AB



AC



## Recommendation : 3 pieces pairs per door

2.0mm Thickness Hinges: 25 ~ 40Kgs per Door

2.5mm Thickness Hinges: 40 ~ 60Kgs per Door

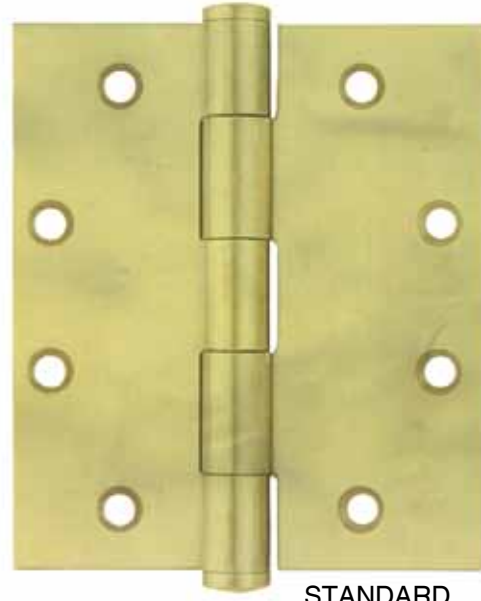
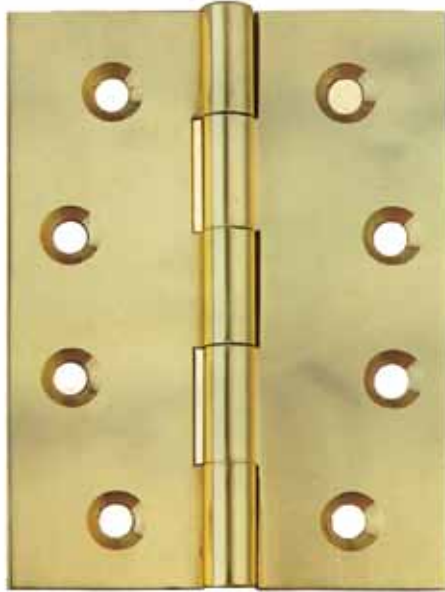
3.0mm Thickness Hinges: 60 ~ 80Kgs per Door

3.5mm Thickness Hinges: 80 ~ 120Kgs per Door

4.0mm Thickness Hinges: 120 ~ 150Kgs per Door

MODEL NO.	DIMENSION (HxWxT)
51-352020-2BB/4BB	3.5"x2.0"x2.0mm
51-303020-2BB/4BB	3.0"x3.0"x2.0mm
51-353520-2BB/4BB	3.5"x3.5"x2.0mm
51-403020-2BB/4BB	4.0"x3.0"x2.0mm
51-404020-2BB/4BB	4.0"x4.0"x2.0mm
51-353525-2BB/4BB	3.5"x3.5"x2.5mm
51-403025-2BB/4BB	4.0"x3.0"x2.5mm
51-404025-2BB/4BB	4.0"x4.0"x2.5mm
51-503025-2BB/4BB	5.0"x3.0"x2.5mm
51-503525-2BB/4BB	5.0"x3.5"x2.5mm
51-353530-2BB/4BB	3.5"x3.5"x3.0mm
51-403030-2BB/4BB	4.0"x3.0"x3.0mm
51-404030-2BB/4BB	4.0"x4.0"x3.0mm
51-454030-2BB/4BB	4.5"x4.0"x3.0mm
51-454530-2BB/4BB	4.5"x4.5"x3.0mm
51-503030-2BB/4BB	5.0"x3.0"x3.0mm
51-503530-2BB/4BB	5.0"x3.5"x3.0mm
51-504030-2BB/4BB	5.0"x4.0"x3.0mm
51-505030-2BB/4BB	5.0"x5.0"x3.0mm
51-603530-2BB/4BB	6.0"x3.5"x3.0mm
51-604030-2BB/4BB	6.0"x4.0"x3.0mm
51-605030-2BB/4BB	6.0"x5.0"x3.0mm
51-403035-2BB/4BB	4.0"x3.0"x3.5mm
51-404035-2BB/4BB	4.0"x4.0"x3.5mm
51-454035-2BB/4BB	4.5"x4.0"x3.5mm
51-454535-2BB/4BB	4.5"x4.5"x3.5mm
51-503035-2BB/4BB	5.0"x3.0"x3.5mm
51-503535-2BB/4BB	5.0"x3.5"x3.5mm
51-504035-2BB/4BB	5.0"x4.0"x3.5mm
51-505035-2BB/4BB	5.0"x5.0"x3.5mm
51-603535-2BB/4BB	6.0"x3.5"x3.5mm
51-604035-2BB/4BB	6.0"x4.0"x3.5mm
51-605035-2BB/4BB	6.0"x5.0"x3.5mm
51-403040-2BB/4BB	4.0"x3.0"x4.0mm
51-404040-2BB/4BB	4.0"x4.0"x4.0mm
51-454040-2BB/4BB	4.5"x4.0"x4.0mm
51-454540-2BB/4BB	4.5"x4.5"x4.0mm
51-503040-2BB/4BB	5.0"x3.0"x4.0mm
51-503540-2BB/4BB	5.0"x3.5"x4.0mm
51-504040-2BB/4BB	5.0"x4.0"x4.0mm
51-505040-2BB/4BB	5.0"x5.0"x4.0mm
51-603540-2BB/4BB	6.0"x3.5"x4.0mm
51-604040-2BB/4BB	6.0"x4.0"x4.0mm
51-605040-2BB/4BB	6.0"x5.0"x4.0mm

# ▲ SOLID BRASS BUTT HINGE



STANDARD

MODEL NO.	DIMENSION (HxWxT)
43-8001	1.0"x3/4"x1.3/1.2mm
43-8002	1.5"x7/8"x1.4/1.2mm
43-8003	2.0"x11/8"x1.3/1.2mm
43-8004	2.0"x11/8"x1.5/1.3mm
43-8005	2.5"x13/8"x1.5/1.3mm
43-8006	2.5"x13/8"x1.6/1.4mm
43-8007	3.0"x13/8"x1.6/1.4mm
43-8008	3.0"x13/8"x2.0/1.8mm
43-8009	3.0"x2.0"x2.5mm
43-8010	3.0"x2.0"x2.2/2.0mm
43-8011	4.0"x23/8"x2.0/1.8mm
43-8012	4.0"x23/8"x2.4/2.2mm
43-8013	4.0"x3.0"x2.4/2.0mm
43-8014	4.0"x3.0"x3.0/3.0mm
43-8015	5.0"x3.0"x3.0/3.0mm
43-8016	6.0"x3.0"x3.0/3.0mm

MODEL NO.	DIMENSION (HxWxT)
43-352020	3.5"x2.0"x2.0mm
43-303020	3.0"x3.0"x2.0mm
43-353520	3.5"x3.5"x2.0mm
43-403020	4.0"x3.0"x2.0mm
43-404020	4.0"x4.0"x2.0mm
43-353525	3.5"x3.5"x2.5mm
43-403025	4.0"x3.0"x2.5mm
43-404025	4.0"x4.0"x2.5mm
43-503025	5.0"x3.0"x2.5mm
43-503525	5.0"x3.5"x2.5mm
43-353530	3.5"x3.5"x3.0mm
43-403030	4.0"x3.0"x3.0mm
43-404030	4.0"x4.0"x3.0mm
43-454030	4.5"x4.0"x3.0mm
43-454530	4.5"x4.5"x3.0mm
43-503030	5.0"x3.0"x3.0mm
43-503530	5.0"x3.5"x3.0mm
43-504030	5.0"x4.0"x3.0mm
43-505030	5.0"x5.0"x3.0mm
43-603530	6.0"x3.5"x3.0mm
43-604030	6.0"x4.0"x3.0mm
43-605030	6.0"x5.0"x3.0mm
43-403035	4.0"x3.0"x3.5mm
43-404035	4.0"x4.0"x3.5mm
43-454035	4.5"x4.0"x3.5mm
43-454535	4.5"x4.5"x3.5mm
43-503035	5.0"x3.0"x3.5mm
43-503535	5.0"x3.5"x3.5mm
43-504035	5.0"x4.0"x3.5mm
43-505035	5.0"x5.0"x3.5mm
43-603535	6.0"x3.5"x3.5mm
43-604035	6.0"x4.0"x3.5mm
43-605035	6.0"x5.0"x3.5mm
43-403040	4.0"x3.0"x4.0mm
43-404040	4.0"x4.0"x4.0mm
43-454040	4.5"x4.0"x4.0mm
43-454540	4.5"x4.5"x4.0mm
43-503040	5.0"x3.0"x4.0mm
43-503540	5.0"x3.5"x4.0mm
43-504040	5.0"x4.0"x4.0mm
43-505040	5.0"x5.0"x4.0mm
43-603540	6.0"x3.5"x4.0mm
43-604040	6.0"x4.0"x4.0mm
43-605040	6.0"x5.0"x4.0mm

## Recommendation : 3 pieces per door

1.2~1.4mm Thickness Hinges: 10 ~ 15Kgs per Door

1.5~1.8mm Thickness Hinges: 15 ~ 25Kgs per Door

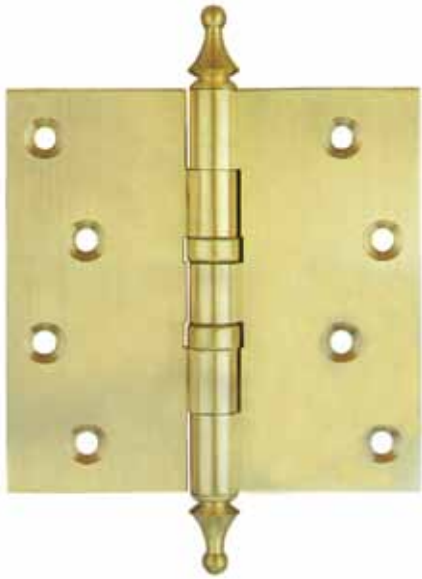
2.0mm Thickness Hinges: 25 ~ 40Kgs per Door

2.5mm Thickness Hinges: 40 ~ 60Kgs per Door

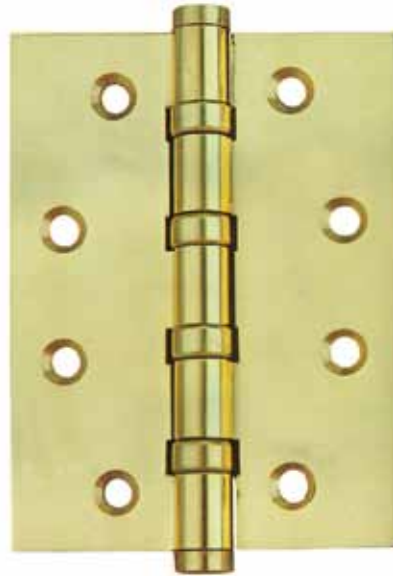
3.0mm Thickness Hinges: 60 ~ 80Kgs per Door



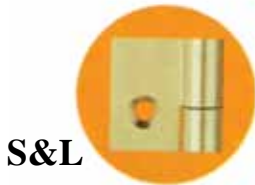
# ▲ SOLID BRASS BUTT HINGE



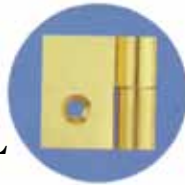
W/2 BALL BEARING



W/4 BALL BEARING



S&L



P&L



GP



AB



AC

MODEL NO.	DIMENSION (HxWxT)
43-352020-2BB/4BB	3.5"x2.0"x2.0mm
43-303020-2BB/4BB	3.0"x3.0"x2.0mm
43-353520-2BB/4BB	3.5"x3.5"x2.0mm
43-403020-2BB/4BB	4.0"x3.0"x2.0mm
43-404020-2BB/4BB	4.0"x4.0"x2.0mm
43-353525-2BB/4BB	3.5"x3.5"x2.5mm
43-403025-2BB/4BB	4.0"x3.0"x2.5mm
43-404025-2BB/4BB	4.0"x4.0"x2.5mm
43-503025-2BB/4BB	5.0"x3.0"x2.5mm
43-503525-2BB/4BB	5.0"x3.5"x2.5mm
43-353530-2BB/4BB	3.5"x3.5"x3.0mm
43-403030-2BB/4BB	4.0"x3.0"x3.0mm
43-404030-2BB/4BB	4.0"x4.0"x3.0mm
43-454030-2BB/4BB	4.5"x4.0"x3.0mm
43-454530-2BB/4BB	4.5"x4.5"x3.0mm
43-503030-2BB/4BB	5.0"x3.0"x3.0mm
43-503530-2BB/4BB	5.0"x3.5"x3.0mm
43-504030-2BB/4BB	5.0"x4.0"x3.0mm
43-505030-2BB/4BB	5.0"x5.0"x3.0mm
43-603530-2BB/4BB	6.0"x3.5"x3.0mm
43-604030-2BB/4BB	6.0"x4.0"x3.0mm
43-605030-2BB/4BB	6.0"x5.0"x3.0mm
43-403035-2BB/4BB	4.0"x3.0"x3.5mm
43-404035-2BB/4BB	4.0"x4.0"x3.5mm
43-454035-2BB/4BB	4.5"x4.0"x3.5mm
43-454535-2BB/4BB	4.5"x4.5"x3.5mm
43-503035-2BB/4BB	5.0"x3.0"x3.5mm
43-503535-2BB/4BB	5.0"x3.5"x3.5mm
43-504035-2BB/4BB	5.0"x4.0"x3.5mm
43-505035-2BB/4BB	5.0"x5.0"x3.5mm
43-603535-2BB/4BB	6.0"x3.5"x3.5mm
43-604035-2BB/4BB	6.0"x4.0"x3.5mm
43-605035-2BB/4BB	6.0"x5.0"x3.5mm
43-403040-2BB/4BB	4.0"x3.0"x4.0mm
43-404040-2BB/4BB	4.0"x4.0"x4.0mm
43-454040-2BB/4BB	4.5"x4.0"x4.0mm
43-454540-2BB/4BB	4.5"x4.5"x4.0mm
43-503040-2BB/4BB	5.0"x3.0"x4.0mm
43-503540-2BB/4BB	5.0"x3.5"x4.0mm
43-504040-2BB/4BB	5.0"x4.0"x4.0mm
43-505040-2BB/4BB	5.0"x5.0"x4.0mm
43-603540-2BB/4BB	6.0"x3.5"x4.0mm
43-604040-2BB/4BB	6.0"x4.0"x4.0mm
43-605040-2BB/4BB	6.0"x5.0"x4.0mm

## Recommendation : 3 pieces per door

2.0mm Thickness Hinges: 25 ~ 40Kgs per Door

2.5mm Thickness Hinges: 40 ~ 60Kgs per Door

3.0mm Thickness Hinges: 60 ~ 80Kgs per Door

3.5mm Thickness Hinges: 80 ~ 120Kgs per Door

4.0mm Thickness Hinges: 120 ~ 150Kgs per Door

# COMPUTER KEYBOARD DRAWERS

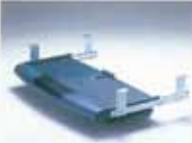
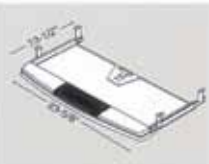

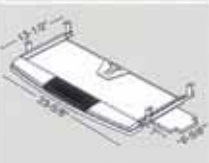


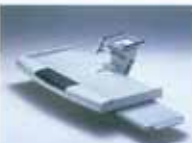



## 90-590

### Keyboard Arm With Mouse Station

- \* Can be pull forward and pull backward.
- \* Can be turned to left and right at 45° .
- \* The height is adjustable.
- \* Plate angle is also adjustable.
- \* Can function as a stationery holding tray.

## SPECIFICATION CHART

	Retractable Action Slide	Slide Track Length	TILT	360° Rotation	Height Adjustment	Wrist Rest	Mouse Station	Color	
 <b>■90-590A</b>	Yes Ball Bearing	13-1/2" (343mm)	No	No	Fixed	Yes	No	Light Grey • Dark Grey	
 <b>■90-590B</b>	Yes Ball Bearing	13-1/2" (343mm)	No	No	Fixed	Yes	Yes	Light Grey • Dark Grey	
 <b>●90-590C</b>	Yes Precision Epoxy Track	17-3/8" (441mm)	Yes	Yes	6-3/8" (162mm)	Yes	No	Light Grey • Dark Grey	
 <b>●90-590D</b>	Yes Precision Epoxy Track	17-3/8" (441mm)	Yes	Yes	(6-3/8" (162mm)	Yes	Yes	Light Grey • Dark Grey	

# COMPUTER ACCESSORIES



▲90-591

## MONITOR EXTENSION ARM CLAMP MOUNT

Made of heavy gauge steel with epoxy finish  
Full extends upto 36"  
Lifts monitor up 6"-8" off working surface  
290mmX290mm monitor plat form with special 360 degree  
rotates and designed to support 50 lbs  
Keyboard rack extends to hold standard size keyboard  
Clamp mounted and 360 degree rotateable arm action

### Packaging information:

Each unit individually packed in 1 color box  
Size: 12"x21.75"x5.75" weight: 15.5 lbs  
2 color boxes in 1 carton  
Size: 10.5"x22.75"x13" weight: 32.5 lbs

## UNDER DESK KEYBOARD DRAWER

High Impact plastic drawer  
Premium steel ball bearing action assures smoothest operation  
Drawer size: 12.5"x21.25"x1.5"  
Wrist rest also used as storage for pens, etc.  
Four position adjustable metal mounting brackets with epoxy finish  
Easy do-it-yourself installation, all screws included

### Packaging information:

Each unit individually packed in 1 color box  
Size: 13"x22"x2" weight: 4.5 lbs  
5 color boxes in 1 carton  
Size: 10.5"x22.75"x13.75" weight: 24 lbs



▲90-592



▲90-593

## DESK TOP KEYBOARD DRAWER

Housing made of cold rolled steel with finest epoxy finish  
Strong to hold up a color monitor  
Molded plastic keyboard drawer accomodates keyboard upto  
Size: 24.75"x10"  
Self-lubricated steel ball bearing type drawer slides provide  
smooth and quite drawer sliding action  
Wrist rest also used as storage for pens, etc.  
Housing size: 22"x15.5"x3.5"

### Packaging information:

Each unit individually packed in 1 color box  
Size: 22.5"x16"x4" weight: 10 lbs  
3 color boxes in 1 carton  
Size: 13.25"x16.5"x24" weight: 32 lbs



▲90-594

## CPU STAND WITH CASTORS

Three pieces made of cold rolled steel with epoxy finish  
Special designed non-slip pads to securely hold CPU in place  
Easy to assemble all hardware included  
Four 1.75" castors help you easily move CPU around  
Size: 8"x10.5"x10"



**●75-491 MEDICAL FACE MASK**

**Features:**

- # Fluid repelling membrane to reduce contamination of dangerous blood and saliva.
- # Fiberglass free, odorless, low breathing resistance and non-irritating to the skin.
- # Soft flexible nosepiece permits individual facial adjustment.

**Usage:**

- # Fluid repelling feature is suitable for oral and dental procedures.
- # Also suitable for workshop, pollen, sweeping, gardening, farm work, cleaning and protection against other non-toxic airborne dusts.



**●75-492 NUISANCE DUST MASK**

**Features:**

- # Compact design easily worn with glasses and goggles.
- # Fiberglass free, odorless, low breathing resistance and non-irritating to the skin.
- # Soft flexible nosepiece permits individual facial adjustment.

**Usage:**

- # Suitable for workshop, pollen, sweeping, gardening, farm work, cleaning and protection against other non-toxic airborne dusts.



**●75-493 N95 PARTICULATE RESPIRATOR**

**Features:**

- # Conforms to NIOSH 42 CFR Part84, N95 class. FILTRATION 95% effective against particulate aerosols free of oil.
- # Micro fiber filter, provides excellent protection against micron-size particles.
- # Adjustable nosepiece and inner foam provide a custom seal for different facial sizes.

**Usage:**

- # Protection against non-oil particulates such as coal, iron ore, cadmium, aluminum, flour, cotton and free silica that result from mining, grinding or processing.
- # Protection against the transmission of Mycobacterium tuberculosis.
- # NIOSH approval no. TC-84A-1025.



**●75-494 FFPI ACTIVE CARBON RESPIRATOR**

**Features:**

- # Conforms to EN149 FFP1 standards with CE marking.
- # Low breathing resistance with high filtration efficiency.
- # Adjustable nosepiece and inner foam provide a custom seal for different facial sizes.
- # Loaded with high active carbon content polyester filter.

**Usage:**

- # Protection against non-toxic solid and waterbased aerosols in concentration up to 4,5xMAC/OEL/TLV.
- # Recommended for use against dust particles in mining, industrial, craftwork and agriculture sectors.
- # Offers protection against bad odor and organic vapours below the OEL.



**●75-495 FFPI VALVED DUST/MIST RESPIRATOR**

**Features:**

- # Conforms to EN149 FFP1 standards with CE marking.
- # Low breathing resistance with high filtration efficiency.
- # Adjustable nosepiece and inner foam provide a custom seal for different facial sizes.
- # Features exhalation valve for extra comfort in hot environments.

**Usage:**

- # Protection against non-toxic solid and waterbased aerosols in concentration up to 4,5xMAC/OEL/TLV.
- # Recommended for use against dust particles in mining, industrial, craftwork and agriculture sectors.
- # Provides extra comfort in high-temperature and/or heavy labour environments.



**●75-496 FFPI VALVED ACTIVE CARBON RESPIRATOR**

**Features:**

- # Conforms to EN149 FFP1 standards with CE marking.
- # Low breathing resistance with high filtration efficiency.
- # Adjustable nosepiece and inner foam provide a custom seal for different facial sizes.
- # Loaded with high active carbon content polyester filter.
- # Features exhalation valve for extra comfort in hot environments.

**Usage:**

- # Protection against non-toxic solid and waterbased aerosols in concentration up to 4,5xMAC/OEL/TLV.
- # Recommended for use against dust particles in mining, industrial, craftwork and agriculture sectors.
- # Offers protection against bad odor and organic vapours below the OEL.
- # Provides extra comfort in high-temperature and/or heavy labour environments.

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