

POCKET DOOR SYSTEM (OVERLAY)

ALT-ST20-D10

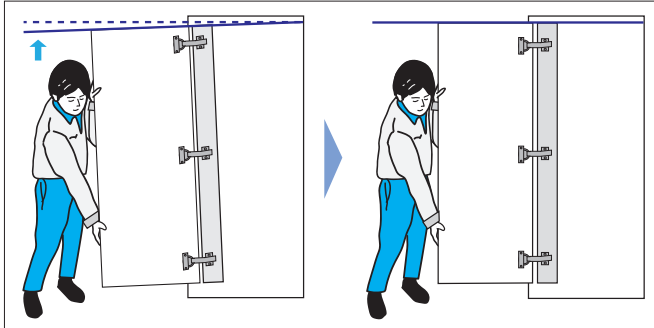
LATERAL OPEN
CABINET HARDWARE

POCKET DOOR SYSTEM



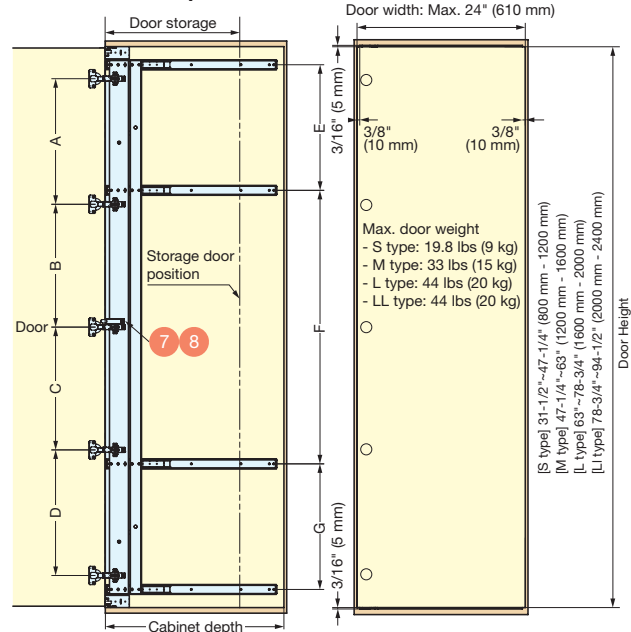
- Overlay Pocket Door System with door alignment adjustability.
- Overlay amount is up to 3/8" (10 mm).
- Overlay damper unit with adjustment screw included with package.
- Included hinges feature a built-in catch function. For catch function only, simply do not include damper when installing.
- The hanging angle of the door can be easily adjusted to counteract and prevent door sag. When installing, the door can be lifted upward into 5 positions.
- The sliding system allows doors to recede inside cabinets. Doors will occupy minimal amount of space, providing full access to cabinet interior.
- Available slide lengths: 16", 19", 22", 24" and 28".
- Durability: successfully passed 40,000 open/close private cycles.

Easy Door Alignment Adjustment

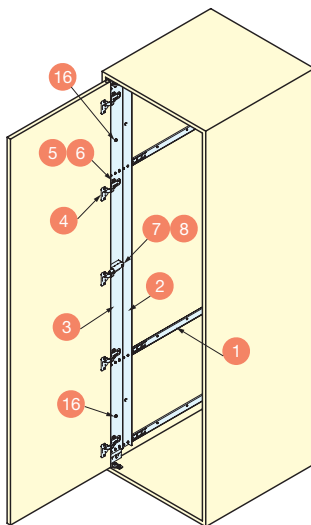


When installing, you can adjust the hanging angle just by lifting up the door.

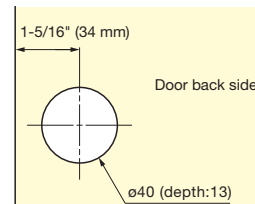
Installation Example



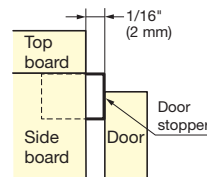
Installation Example



Cut Out Dimensions



- Number of slides
- S type : 2 pcs
 - M type : 2 pcs
 - L type : 4 pcs
 - LL type : 4 pcs



Use on Double Doors

Set a door bumper or stopper on the leading edge side to prevent contact between door and side board.

Last Digits of Item Name (Parts Set)	Door Storage Amount	Min. Cabinet Depth
16	10-9/16" (268 mm)	16-9/16" (420 mm)
19	13-9/16" (344 mm)	19-1/2" (496 mm)
22	16-9/16" (420 mm)	22-1/2" (572 mm)
24	18-9/16" (471 mm)	24-1/2" (623 mm)
28	22-9/16" (573 mm)	28-9/16" (725 mm)

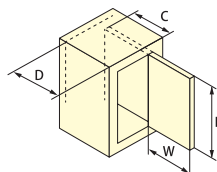
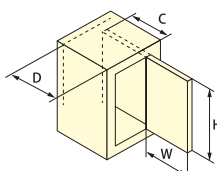
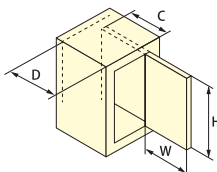
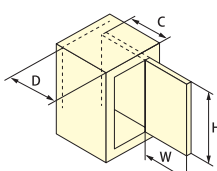
Type	Hinge Pitch				Slide Pitch		
	A	B	C	D	E	F	G
S Type	22-13/16" (580 mm)	-	-	-	26-3/4" (680 mm)	-	-
M Type	19-5/16" (490 mm)	19-5/16" (490 mm)	-	-	23-1/4" (590 mm)	19-5/16" (490 mm)	-
L Type	19-11/16" (500 mm)	14-15/16" (380 mm)	19-11/16" (500 mm)	-	19-11/16" (500 mm)	18-7/8" (480 mm)	19-11/16" (500 mm)
LL Type	17-3/4" (450 mm)	17-5/16" (440 mm)	17-5/16" (440 mm)	17-3/4" (450 mm)	17-3/4" (450 mm)	38-9/16" (980 mm)	17-3/4" (450 mm)

	ALT-ST20-D10S (2 slides)	ALT-ST20-D10M (3 slides)	ALT-ST20-D10L (4 slides)	ALT-ST20-D10LL (4 slides)
Door Width	Max. 24" (610 mm)			
Door Height	31-1/2"~47-1/4" (800 - 1200 mm)	47-1/4"~63" (1200 - 1600 mm)	63"~78-3/4" (1600 - 2000 mm)	78-3/4"~94-1/2" (2000 - 2400 mm)
Door Thickness	11/16"~13/16" (18 - 20 mm)			
Door Weight	Max. 19.8 lbs (9 kg)	Max. 33 lbs (15 kg)	Max. 44 lbs (20 kg)	

How to Order ALT-ST20-D10

Parts set

Not optional. Each set includes required parts.

Type	Door Spec (Thickness: 11/16"~13/16" (18 - 20 mm))	C Door Storage	D Min. Cabinet Depth	Item Name
S	 W= Max. 24" (610 mm) Weight= Max. 19.8 lbs (9 kg) H= 31-1/2"~47-1/4" (800-1200 mm)	10-9/16" (268 mm)	16-9/16" (420 mm)	ALT-ST20-D10S-16
		13-9/16" (344 mm)	19-1/2" (496 mm)	ALT-ST20-D10S-19
		16-9/16" (420 mm)	22-1/2" (572 mm)	ALT-ST20-D10S-22
		18-9/16" (471 mm)	24-1/2" (623 mm)	ALT-ST20-D10S-24
		22-9/16" (573 mm)	28-9/16" (725 mm)	ALT-ST20-D10S-28
M	 W= Max. 24" (610 mm) Weight= Max. 33 lbs (15 kg) H= 47-1/4"~63" (1200-1600 mm)	10-9/16" (268 mm)	16-9/16" (420 mm)	ALT-ST20-D10M-16
		13-9/16" (344 mm)	19-1/2" (496 mm)	ALT-ST20-D10M-19
		16-9/16" (420 mm)	22-1/2" (572 mm)	ALT-ST20-D10M-22
		18-9/16" (471 mm)	24-1/2" (623 mm)	ALT-ST20-D10M-24
		22-9/16" (573 mm)	28-9/16" (725 mm)	ALT-ST20-D10M-28
L	 W= Max. 24" (610 mm) Weight= Max. 44 lbs (20 kg) H= 63"~78-3/4" (1600-2000 mm)	10-9/16" (268 mm)	16-9/16" (420 mm)	ALT-ST20-D10L-16
		13-9/16" (344 mm)	19-1/2" (496 mm)	ALT-ST20-D10L-19
		16-9/16" (420 mm)	22-1/2" (572 mm)	ALT-ST20-D10L-22
		18-9/16" (471 mm)	24-1/2" (623 mm)	ALT-ST20-D10L-24
		22-9/16" (573 mm)	28-9/16" (725 mm)	ALT-ST20-D10L-28
LL	 W= Max. 24" (610 mm) Weight= Max. 44 lbs (20 kg) H= 78-3/4"~94-1/2" (2000-2400 mm)	10-9/16" (268 mm)	16-9/16" (420 mm)	ALT-ST20-D10LL-16
		13-9/16" (344 mm)	19-1/2" (496 mm)	ALT-ST20-D10LL-19
		16-9/16" (420 mm)	22-1/2" (572 mm)	ALT-ST20-D10LL-22
		18-9/16" (471 mm)	24-1/2" (623 mm)	ALT-ST20-D10LL-24
		22-9/16" (573 mm)	28-9/16" (725 mm)	ALT-ST20-D10LL-28

Item Name of Parts Set

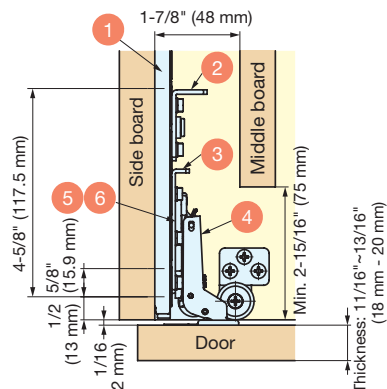
ALT-ST15-D10 S - 16

Type Name

Slide Length

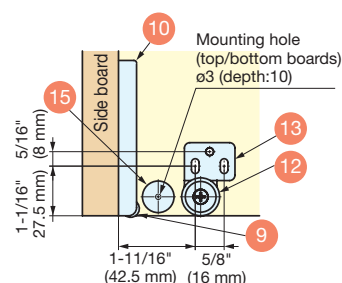
Installation of Slide

Cross section a: Slide/hinge mounting

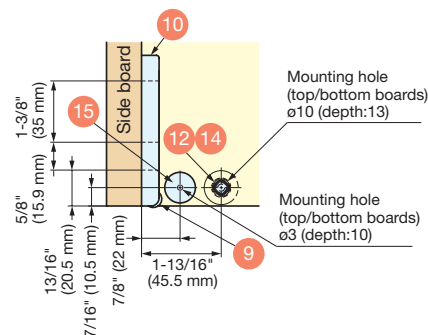


To hide the metal fittings, install a middle board (not included).
(An attachable/detachable middle board is recommended for easier maintenance.)

Cross section b: For roller bracket mounting



Cross section b: For mounting with female screw



ALT-ST20-D10 Parts Set Details

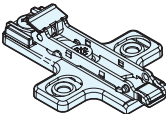
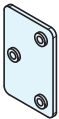
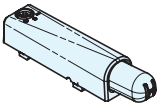
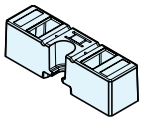
The following 1-15 show detailed information on the set codes included on the previous page.

No.	Qty				Parts	Dimensions	Item Name
	S	M	L	LL			
1	2	3	4	Slide		AL127C-16	
				AL127C-19			
				AL127C-22			
				AL127C-24			
				AL127C-28			
				Material: Steel Finish: Chromate			
The item number with the same last digits as those of the set item number is included in each set.							
2	1			Synchronized board		ALT-ST20-S	
				ALT-ST20-M			
				ALT-ST20-L			
				ALT-ST20-LL			
				Material: Aluminum Alloy Finish: Silver Anodized			
				The end of the item number indicates the corresponding size.			
3	1			Coupling plate		ALT-ST20-LPS	
				ALT-ST20-LPM			
				ALT-ST20-LPL			
				ALT-ST20-LPLL			
				Material: Aluminum Alloy Finish: Silver Anodized			
				Used in combination with the synchronized board. The end of the item number indicates the corresponding size.			

*For information on how to mount the parts and the quantities of the parts included in each parts set, please see the instructions.

ALT-ST20-D10 Parts Set Details

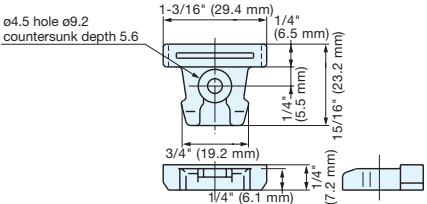
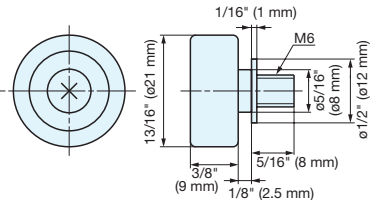
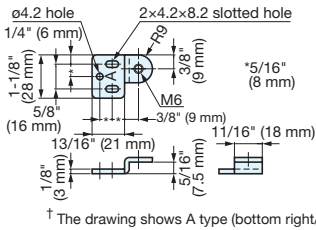
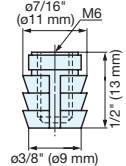
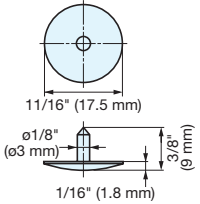
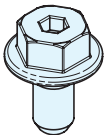
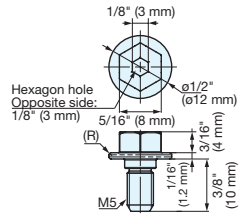
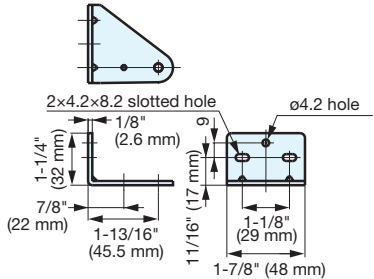
The following 1-15 show detailed information on the set codes included on the previous page.

No.	Qty				Parts	Dimensions	Item Name	
	S	M	L	LL				
4	2	3	4	5	Hinge body (with catch) 	Countersunk hole for 2x nominal 3.5 5/16" (7.5 mm) 11/16" (17.4 mm) 1-1/16" (27 mm) 15/16" (23 mm) 4-9/16" (116.5 mm) 1-1/2" (13 mm) 2-1/16" (52 mm) 2-5/8" (66 mm) 94°	SCAF-7G99	Material: Zinc Alloy (ZDC) Finish: Nickel
5	2	3	4	5	Hinge mounting plate 	Countersunk hole for 2x nominal 3.5 3/4" (19 mm) 1-1/4" (32 mm) 1-7/8" (48 mm) 9/16" (15 mm) 1-1/16" (27.5 mm) 2-1/2" (64 mm) 1/2" (12.3 mm) 1/8" (3.5 mm)	SBAR3R	Material: Zinc Alloy (ZDC) Finish: Nickel
6	2	3	4	5	Mounting plate 	4xR3 3xM4-6H 1/16" (2 mm) 1/4" (32 mm) 5/8" (16 mm) 1-3/4" (45 mm) 1-1/8" (29 mm) 1/8" (3.3 mm) Burring	ALT-MP32	Material: Stainless Steel Finish: Barrel Polished
7		1			Damper unit 	Damper adjustment screw 11/16" (17.2 mm) 2-1/2" (64.3 mm) 3-1/4" (83.4 mm) 1-1/8" (17.4 mm) 13/16" (20.7 mm) Damper colour: Orange	SD0S8SNG	Material: Zinc Alloy Finish: Nickel
8		1			Damper base 	11/16" (17.8 mm) 3/4" (18.3 mm) 1/4" (6 mm) 2-9/16" (64.6 mm)	SDARX99	Material: Zinc Alloy Finish: Nickel
9	2		3		Stopper 	1-11/16" (43 mm) 1/4" (6 mm) 7/16" (11.5 mm) 1-9/16" (39.5 mm) 5/16" (7.6 mm) 5/8" (15.9 mm) 2xø6.5 hole 1-3/8" (35.6 mm) 3/8" (ø9.7 mm) 1" (25 mm)	ALT-ADS	Material: Steel/Ethylene Propylene Rubber (EPDM) Finishing/Color: Gloss Chromate/White
10		2			Protector 	1-3/8" (35 mm) 13/16" (20.5 mm) 5/8" (15.9 mm) 1-11/16" (43 mm) 3/8" (10 mm) R4.5 3-3/8" (86 mm)	ALT-ADP	Material: Polyacetal (POM) Color: Grey Helps prevent door damage.
11-16		1			Parts set 11 Catch 12 Roller 13 Roller bracket 14 Insert female screw 15 G-type sliding tack 16 Adjustment bolt 	S type M type L type LL type	ALT-ST15-D10-MP ALT-ST15-D10-LLP	Necessary types and numbers of screws and hexagon wrenches are included.

ALT-ST15, ALT-ST20

Parts Set Details

Detailed information on the parts sets used for ALT-ST15 and ALT-ST20

Qty				Parts	Dimensions	Item Name	
S type	M type	L type	LL type				
2		3		Catch 	 $\phi 4.5$ hole $\phi 9.2$ countersunk depth 5.6 1-3/16" (29.4 mm) 1/4" (6.5 mm) 1/4" (5.5 mm) 15/16" (23.2 mm) 3/4" (19.2 mm) 1/4" (6.1 mm) 7/2 mm	AL127-CH	Material: Polyurethane (PUR) Color: Black
2				Roller 	 1/16" (1 mm) 13/16" ($\phi 21$ mm) 3/8" (9 mm) 5/16" (8 mm) 1/8" (2.5 mm) M6 5/16" ($\phi 8$ mm) 1/2" ($\phi 12$ mm)	DU19-B4SBR	Material: Ethylene Propylene Rubber (EPDM)/Steel Finishing/Color: Gloss Chromate/White
Left/Right 1 each				Roller bracket* 	 $\phi 4.2$ hole 1/4" (6 mm) 1-1/8" (28 mm) 5/8" (16 mm) 13/16" (21 mm) 1/8" (3 mm) 2x4.2x8.2 slotted hole 3/8" (9 mm) M6 3/8" (9 mm) 11/16" (18 mm) 5/16" (8 mm) 7/5 mm † The drawing shows A type (bottom right/upper left)	ALT-2V-AB † Type A (bottom right/ upper left)	
						ALT-2V-BB † Type B (upper right/bottom left)	
						Material: Steel Finish: Colored Chromate	
2				Insert female screw* 	 $\phi 7/16$" ($\phi 11$ mm) M6 1/2" (13 mm) 3/8" ($\phi 9$ mm)	SC-107-13	Material: Polyamide (PA) Color: White
2				G-type sliding tack 	 11/16" (17.5 mm) 1/8" ($\phi 3$ mm) 3/8" (9 mm) 1/16" (1.8 mm)	G-175	Material: Polyethylene (PE) Color: Natural
1	2			Adjustment bolt 	 1/8" (3 mm) Hexagon hole Opposite side: 1/8" (3 mm) 5/16" (8 mm) 1/16" (1.2 mm) 3/8" (10 mm) M5	ALT-AB M5	Material: Steel (SWCH) Finishing/Color: Colored Chromate (Trivalent)/White Dedicated bolt for hanging adjustment
1				Anti-vibration bracket  To keep distance between door and floor surface (e.g., laundry room).	 2x4.2x8.2 slotted hole 1-1/4" (32 mm) 7/8" (22 mm) 1-13/16" (45.5 mm) 1/16" (17 mm) 1-1/8" (29 mm) 1-7/8" (48 mm) 1/8" (2.6 mm) 9 mm 1/16" (1.2 mm)	bottom-right/ top-left top-right/ bottom-left	ALT-2V5BR1 ALT-2V5BR2 Material: Steel Finish: Colored Chromate (trivalent)

*Use either roller bracket or insert female screw, depending on the mounting method.