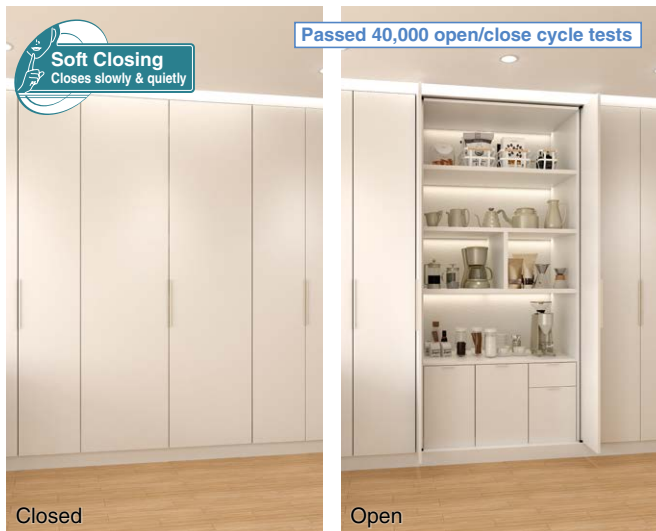


POCKET DOOR SYSTEM ALT-ST20-D10 Overlay / Soft Close

INSTRUCTION



	ALT-ST20-D10S S (2 slides)	ALT-ST20-D10M M (3 slides)	ALT-ST20-D10L L (4 slides)	ALT-ST20-D10LL LL (4 slides)
Width	Max. 600 mm			
Height	800-1200 mm	1200-1600 mm	1600-2000 mm	2000-2400 mm
Thickness	18-20 mm			
Weight	Max. 9 kg	Max. 15 kg	Max. 20 kg	

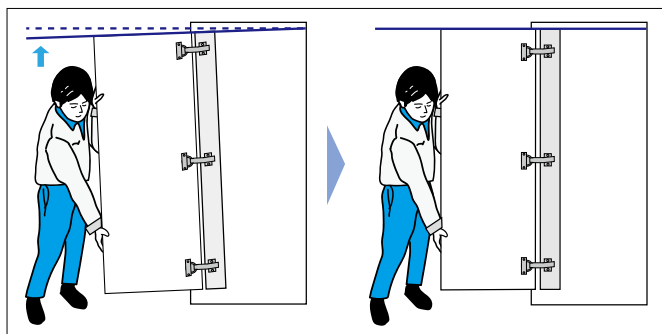
Outset pocket door system with door alignment adjustability.

- The sliding system allows doors to retract inside cabinets. Doors will not occupy space, providing full access to inside of cabinets.
- The hanging angle of the door can be easily adjusted. When installing, the door can be lifted upward into 5 different angles.
- Overlay amount is up to 10 mm.
- After door installation, adding a damper unit allows the doors to close slowly.

[Remarks]

- For best performance, precise mortising is required.
- Do not cut slides.
- Do not close doors until they are fully slid out and the catch has activated.
- Doors are set inside the cabinet's frame.
- Install a door stopper (not provided) on the door leading edge of the door.

[Easy Door Alignment Adjustment]

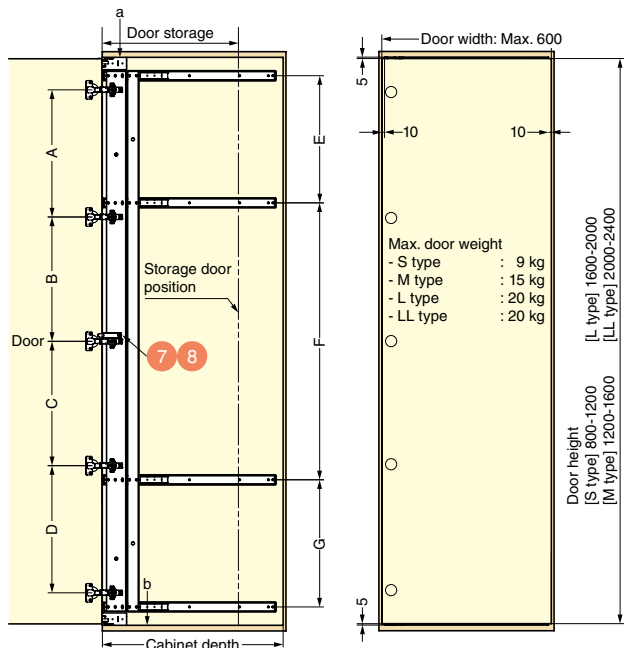


When installing, you can adjust the hanging angle just by lifting up the door.

Video Link



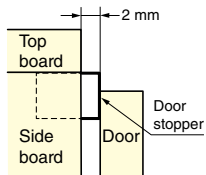
[Installation]



[Installation Example]

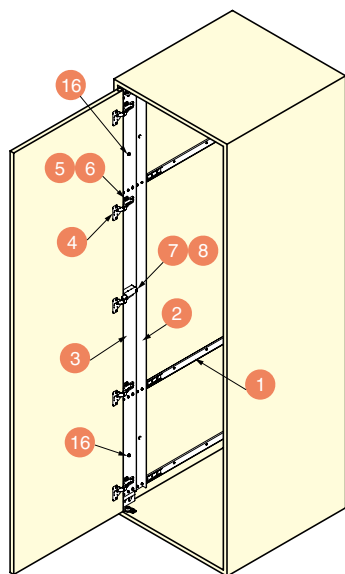
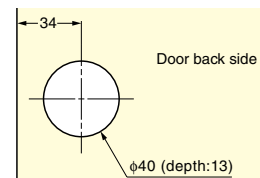
Details about parts: **1**

[Double doors]



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

[Door cutout dimensions]



Type	Hinge Pitch				Slide Pitch		
	A	B	C	D	E	F	G
S type	580	-	-	-	680	-	-
M type	490	490	-	-	590	490	-
L type	500	380	500	-	500	480	500
LL type	450	440	440	450	450	980	450

- Number of slide
- S type : 2 pcs
- M type : 3 pcs
- L type : 4 pcs
- LL type : 4 pcs

Last Digits of Item Name (parts set)	Door Storage Amount	Min. Cabinet Depth
16	268	420
19	344	496
22	420	572
24	471	623
28	573	725


Refer to **1** : P.J71 to J73

How to Order ALT-ST20-D10

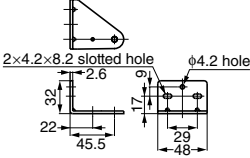
Parts set		Not optional. Each set includes required parts.					
Type	Door Spec (Thickness: 18-30 mm*)	C Door Storage	D Min. Cabinet Depth	RcHS	CAD	Item Code	Item Name
S		268	420	-	2030	180-054-367	ALT-ST20-D10S-16
		344	496	-	2030	180-054-368	ALT-ST20-D10S-19
		420	572	-	2030	180-054-369	ALT-ST20-D10S-22
		471	623	-	2030	180-054-370	ALT-ST20-D10S-24
		573	725	-	2030	180-054-371	ALT-ST20-D10S-28
W=Max. 600 mm Weight=Max. 9 kg H=800-1200 mm							
M		268	420	-	2030	180-054-372	ALT-ST20-D10M-16
		344	496	-	2030	180-054-373	ALT-ST20-D10M-19
		420	572	-	2030	180-054-374	ALT-ST20-D10M-22
		471	623	-	2030	180-054-375	ALT-ST20-D10M-24
		573	725	-	2030	180-054-376	ALT-ST20-D10M-28
W=Max. 600 mm Weight=Max. 15 kg H=1200-1600 mm							
L		268	420	-	2030	180-054-377	ALT-ST20-D10L-16
		344	496	-	2030	180-054-378	ALT-ST20-D10L-19
		420	572	-	2030	180-054-379	ALT-ST20-D10L-22
		471	623	-	2030	180-054-380	ALT-ST20-D10L-24
		573	725	-	2030	180-054-381	ALT-ST20-D10L-28
W=Max. 600 mm Weight=Max. 20 kg H=1600-2000 mm							
LL		268	420	-	2030	180-054-382	ALT-ST20-D10LL-16
		344	496	-	2030	180-054-383	ALT-ST20-D10LL-19
		420	572	-	2030	180-054-384	ALT-ST20-D10LL-22
		471	623	-	2030	180-054-385	ALT-ST20-D10LL-24
		573	725	-	2030	180-054-386	ALT-ST20-D10LL-28
W=Max. 600 mm Weight=Max. 20 kg H=2000-2400 mm							

Option

No.	Type	Qty	RcHS	CAD	Item Code	Part
17	Installation position: bottom-right/top-left (See instructions)	1	●	2030	180-120-342	Anti-vibration bracket
18	Installation position: top-right/bottom-left (See instructions)	1	●	2030	180-120-343	Anti-vibration bracket



Dimensions



Specifications

- Material: Steel
- Finish: Coloured Chromate (trivalent)

[Application] To keep distance between door and floor surface (e.g., laundry room).
For installation, see the instructions.

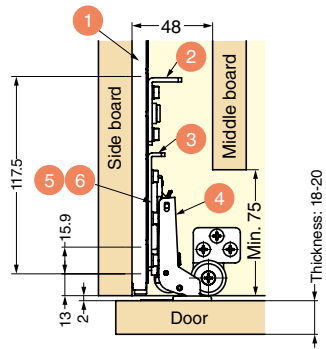
[Item Name of Parts Set]
ALT-ST20-D10 S - 16

Type name _____

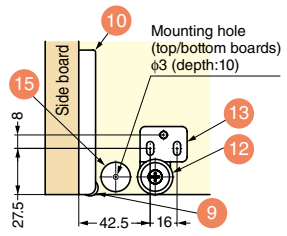
Last digits of slide track item number (see 1) _____

[Installation of Slide]

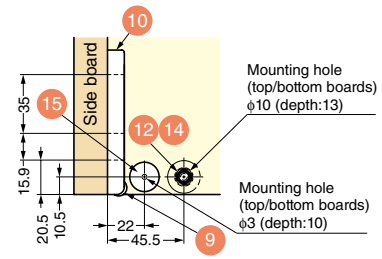
Cross section a: Slide/hinge mounting



Cross section b: For roller bracket mounting



Cross section b: For mounting with female screw




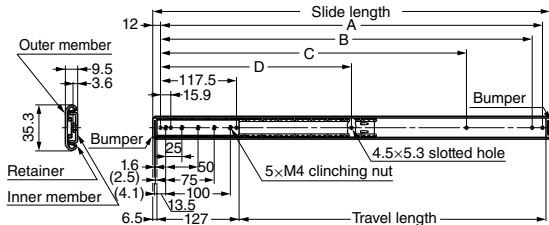
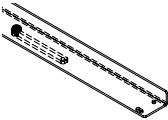
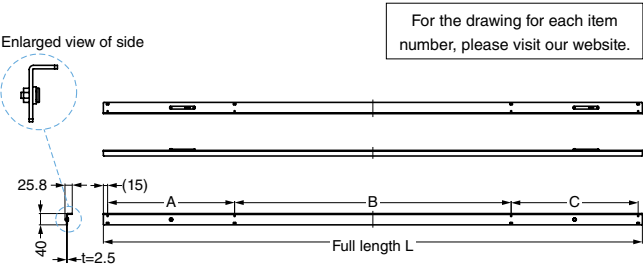
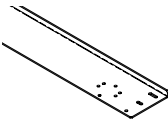
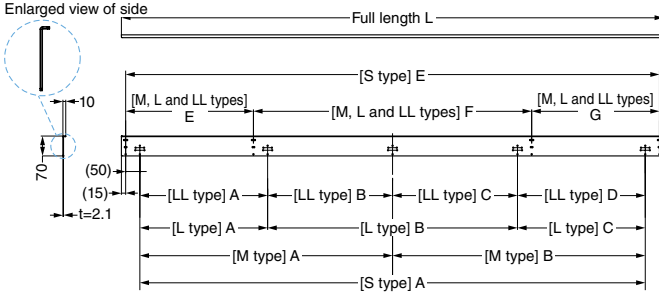
To hide the metal fittings, install a middle board (not included).
(An attachable/detachable middle board is recommended for easier maintenance.)

Refer to 1: PJ72

ALT-ST20-D10 Parts Set Details

The following 1-16 show detailed information on the set codes included on the previous page 1. Options 17-19 are not included.

For detailed information on types S, M, L, and LL, see Page 2.


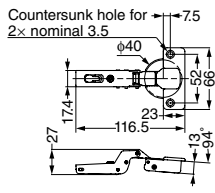
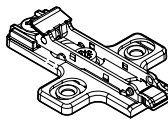
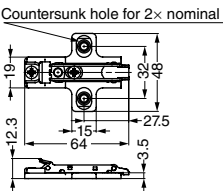

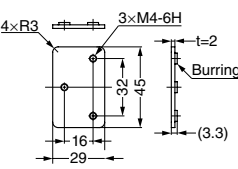
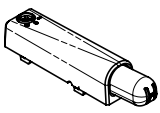
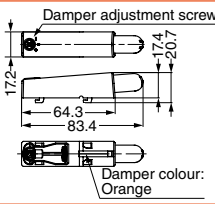
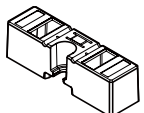
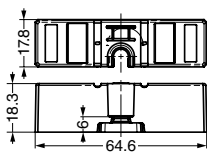

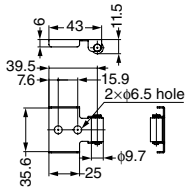

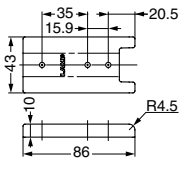

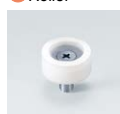
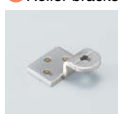


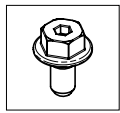
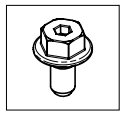
No.	Qty				Parts	Dimensions	Item Code																																																				
	S	M	L	LL																																																							
1	2	3	4	4	Slide  <p>The item number with the same last digits as those of the set item number is included in each set.</p>	 <table border="1"> <thead> <tr> <th>Item Name</th> <th>Slide Length</th> <th>Travel Length</th> <th>Door Storage</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>AL127C-16</td> <td>411.4</td> <td>269.4</td> <td>268</td> <td>387.4</td> <td>371.5</td> <td>269.9</td> <td>-</td> </tr> <tr> <td>AL127C-19</td> <td>487.6</td> <td>345.6</td> <td>344</td> <td>463.6</td> <td>447.7</td> <td>346.1</td> <td>231.8</td> </tr> <tr> <td>AL127C-22</td> <td>563.8</td> <td>421.8</td> <td>420</td> <td>539.8</td> <td>523.9</td> <td>422.3</td> <td>269.9</td> </tr> <tr> <td>AL127C-24</td> <td>614.6</td> <td>472.6</td> <td>471</td> <td>590.6</td> <td>574.7</td> <td>473.1</td> <td>295.3</td> </tr> <tr> <td>AL127C-28</td> <td>716.2</td> <td>574.2</td> <td>573</td> <td>692.2</td> <td>676.3</td> <td>574.7</td> <td>346.1</td> </tr> </tbody> </table>	Item Name	Slide Length	Travel Length	Door Storage	A	B	C	D	AL127C-16	411.4	269.4	268	387.4	371.5	269.9	-	AL127C-19	487.6	345.6	344	463.6	447.7	346.1	231.8	AL127C-22	563.8	421.8	420	539.8	523.9	422.3	269.9	AL127C-24	614.6	472.6	471	590.6	574.7	473.1	295.3	AL127C-28	716.2	574.2	573	692.2	676.3	574.7	346.1	190-113-867 [Item Name] AL127C-16 190-113-868 [Item Name] AL127C-19 190-113-869 [Item Name] AL127C-22 190-113-870 [Item Name] AL127C-24 190-113-871 [Item Name] AL127C-28 Specifications ● Material: Steel ● Finish: Chromate				
							Item Name	Slide Length	Travel Length	Door Storage	A	B	C	D																																													
							AL127C-16	411.4	269.4	268	387.4	371.5	269.9	-																																													
							AL127C-19	487.6	345.6	344	463.6	447.7	346.1	231.8																																													
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							AL127C-28	716.2	574.2	573	692.2	676.3	574.7	346.1																																													
2	1	1	1	1	Synchronized board  <p>The end of the item number indicates the corresponding size.</p>	 <table border="1"> <thead> <tr> <th>Item Name</th> <th>A</th> <th>B</th> <th>C</th> <th>Full Length L</th> </tr> </thead> <tbody> <tr> <td>ALT-ST20-S</td> <td>680</td> <td>-</td> <td>-</td> <td>710</td> </tr> <tr> <td>ALT-ST20-M</td> <td>490</td> <td>100</td> <td>490</td> <td>1110</td> </tr> <tr> <td>ALT-ST20-L</td> <td>500</td> <td>480</td> <td>500</td> <td>1510</td> </tr> <tr> <td>ALT-ST20-LL</td> <td>450</td> <td>980</td> <td>450</td> <td>1910</td> </tr> </tbody> </table>	Item Name	A	B	C	Full Length L	ALT-ST20-S	680	-	-	710	ALT-ST20-M	490	100	490	1110	ALT-ST20-L	500	480	500	1510	ALT-ST20-LL	450	980	450	1910	180-050-427 [Item Name] ALT-ST20-S 180-050-428 [Item Name] ALT-ST20-M 180-050-429 [Item Name] ALT-ST20-L 180-050-430 [Item Name] ALT-ST20-LL Specifications ● Material: Aluminium Alloy ● Finish: Silver Anodized																											
							Item Name	A	B	C	Full Length L																																																
							ALT-ST20-S	680	-	-	710																																																
							ALT-ST20-M	490	100	490	1110																																																
							ALT-ST20-L	500	480	500	1510																																																
ALT-ST20-LL	450	980	450	1910																																																							
3	1	1	1	1	Coupling plate  <p>Used in combination with the synchronized board. The end of the item number indicates the corresponding size.</p>	 <table border="1"> <thead> <tr> <th rowspan="2">Item Name</th> <th colspan="4">Hinge Pitch</th> <th colspan="3">Track Pitch</th> <th rowspan="2">Full Length L</th> </tr> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>ALT-ST20-LPS</td> <td>580</td> <td>-</td> <td>-</td> <td>-</td> <td>680</td> <td>-</td> <td>-</td> <td>710</td> </tr> <tr> <td>ALT-ST20-LPM</td> <td>490</td> <td>490</td> <td>-</td> <td>-</td> <td>490</td> <td>100</td> <td>490</td> <td>1110</td> </tr> <tr> <td>ALT-ST20-LPL</td> <td>500</td> <td>380</td> <td>500</td> <td>-</td> <td>500</td> <td>480</td> <td>500</td> <td>1510</td> </tr> <tr> <td>ALT-ST20-LPLL</td> <td>450</td> <td>440</td> <td>440</td> <td>450</td> <td>450</td> <td>980</td> <td>450</td> <td>1910</td> </tr> </tbody> </table>	Item Name	Hinge Pitch				Track Pitch			Full Length L	A	B	C	D	E	F	G	ALT-ST20-LPS	580	-	-	-	680	-	-	710	ALT-ST20-LPM	490	490	-	-	490	100	490	1110	ALT-ST20-LPL	500	380	500	-	500	480	500	1510	ALT-ST20-LPLL	450	440	440	450	450	980	450	1910	180-050-423 [Item Name] ALT-ST20-LPS 180-050-424 [Item Name] ALT-ST20-LPM 180-050-425 [Item Name] ALT-ST20-LPL 180-050-426 [Item Name] ALT-ST20-LPLL Specifications ● Material: Aluminium Alloy ● Finish: Silver Anodized
								Item Name	Hinge Pitch				Track Pitch			Full Length L																																											
							A		B	C	D	E	F	G																																													
							ALT-ST20-LPS	580	-	-	-	680	-	-	710																																												
							ALT-ST20-LPM	490	490	-	-	490	100	490	1110																																												
ALT-ST20-LPL	500	380	500	-	500	480	500	1510																																																			
ALT-ST20-LPLL	450	440	440	450	450	980	450	1910																																																			

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

Refer to 1 : P.J71 2 : P.J70 to J71

ALT-ST20-D10 Parts Set Details

The following 1-16 show detailed information on the set codes included on the previous page 1. Options 17-19 are not included.

No.	Qty				Parts	Dimensions	Item Code
	S	M	L	LL			
4	2	3	4	5	Hinge body (with catch) 		160-046-187
							[Item Name] SCAF-7G99 Specifications ● Material: Zinc Alloy ● Finish: Nickel
5	2	3	4	5	Hinge mounting plate 		160-046-188
							[Item Name] SBAR3R Specifications ● Material: Zinc Alloy ● Finish: Nickel
6	2	3	4	5	Mounting plate mounting plate 		180-053-369
							[Item Name] ALT-MP32 Specifications ● Material: Stainless Steel ● Finish: Barrel Polished
7	1	1	1	1	Damper unit 		160-048-935
							[Item Name] SD0S8SNG Specifications ● Material: Zinc Alloy ● Finish: Nickel
8	1	1	1	1	Damper base 		160-048-936
							[Item Name] SDARX99 Specifications ● Material: Zinc Alloy ● Finish: Nickel
9	2	3	3	3	Stopper 		180-048-461
							[Item Name] ALT-ADS Specifications ● Material: Steel/Ethylene Propylene Rubber (EPDM) ● Finishing/colour: Gloss Chromate/White
10	2	2	2	2	Protector 		180-047-931
							[Item Name] ALT-ADP Specifications ● Material: Polyacetal (POM) ● Colour: Grey Helps prevent door damage.
11 12 13 14 15 16	1	1	1	Parts set 11 Catch  12 Roller  13 Roller bracket  14 Insert female screw  15 G-type sliding tack  16 Adjustment bolt 		S type [Item Name] ALT-ST20-D10-SP M type [Item Name] ALT-ST20-D10-MP L type LL type [Item Name] ALT-ST20-D10-LLP	
						● Necessary types and numbers of screws and hexagon spanners are included. For detailed information, see the instructions.	

*For information on how to mount the parts and the quantities of the parts included in each parts set, please see the instructions.
Refer to 1: P.J71 2: P.J78