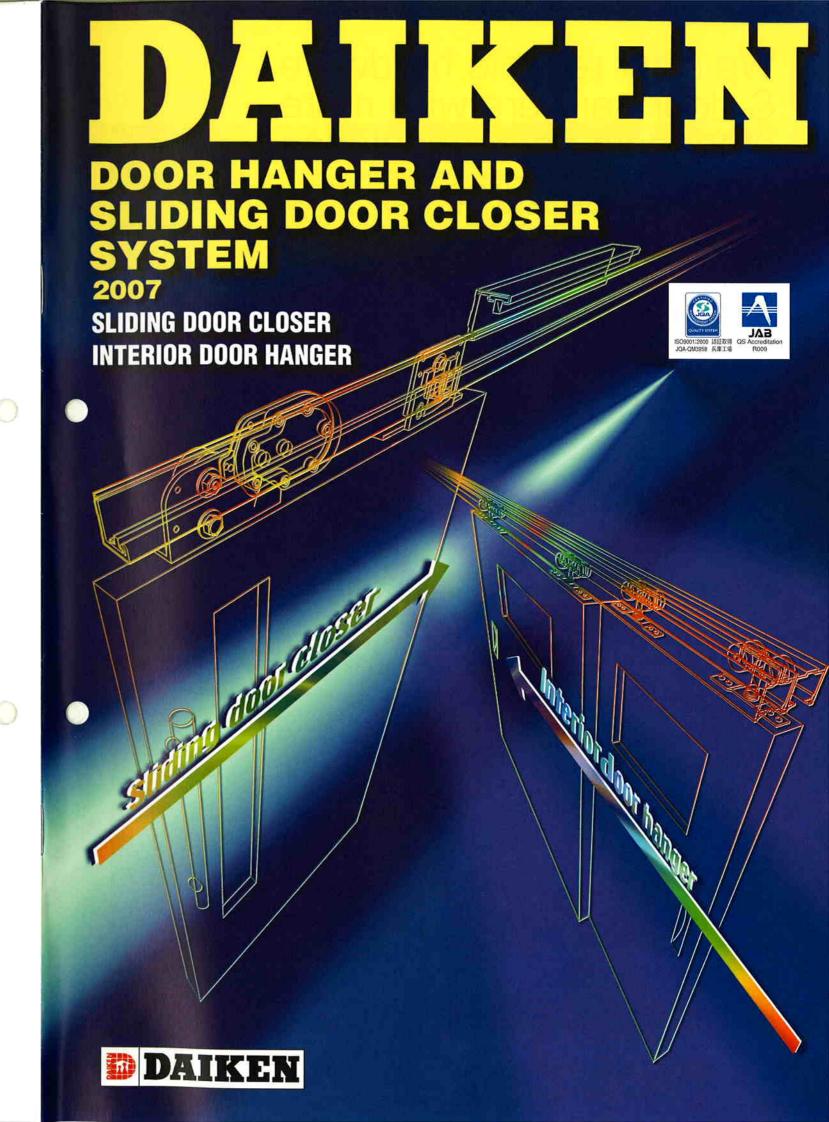


Head office: 2-7-13, Niitaka, Yodogawa-ku, OSAKA 532-0033, JAPAN FAX:81-6-6150-4777 URL http://www.daiken.ne.jp





We offer reliable hardware & door hangers with more emphasis on convenience, safety, and durability.

We need the latest techniques and devices to keep our daily life comfortable.

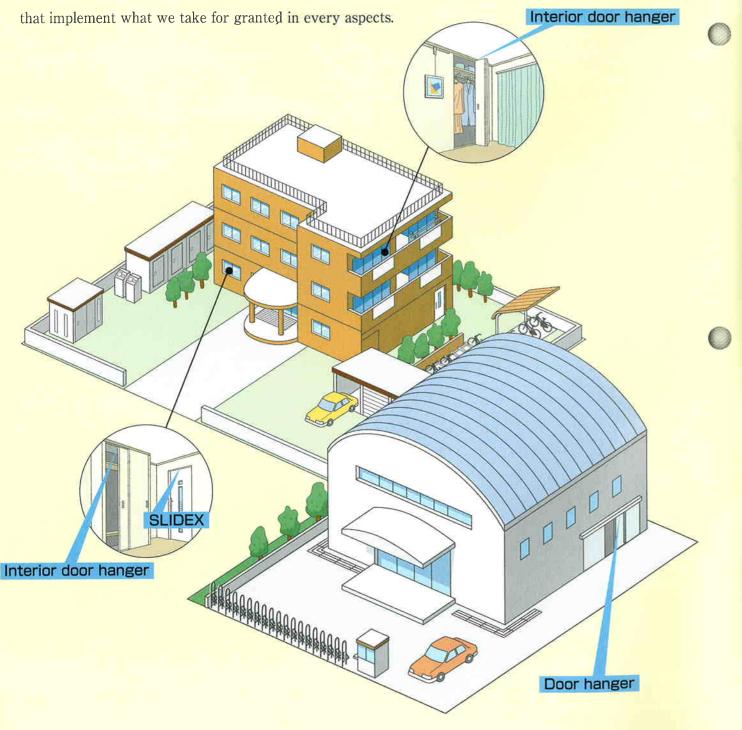
It is considering what we take for granted in our daily life,

but what we are not aware of, that sustains our comfort in a true sense.

Based on feedback from our customers,

DAIKEN is committed to research and development for creating better products.

Make the best use of DAIKEN's products



SLIDEX installation example



SLIDEX can be used for steel doors, aluminum frame doors and wooden doors in hospitals, offices, homes for elderly people and schools.







Example of interior door hanger installation







Interior door hanger FD-3

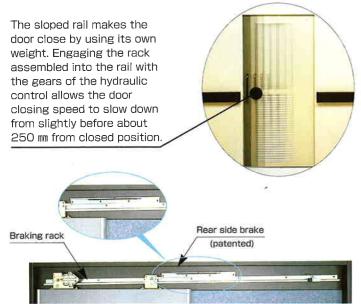


Screen door SD-20 in the audio-visual room



Meeting room partition PT-150

DAIKEN SLIDEX sliding doors are suitable for public facilities too where quietness and user-friendly are required.







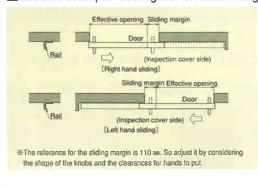


Using the rear side brake (PAT) with the back check function absorbs the impact on the door, allowing the door to close easily without damaging vertical frames when both closing and opening the door.

SLIDEX variations

	Right hand sliding	Left hand sliding	Double sliding
Tues 20	HCS-30R	HCS-30L	_
Type 30	HCS-3015R	HCS-3015L	-
Tues 20T	HCS-30TR	HCS-30TL	-
Type 30 Type 30T Type 50 Type 50T Type 80 Type 80T Type 120 Type 200 Type 60BL One way sliding for 2 panels Bi-parting sliding for 2 panels Horizontal rail 60 specification Horizontal rail 80 specification Bathroom 30 specification	HCS-3015TR	HCS-3015TL	
Tues EO	HCS-50R	HCS-50L	HCS-50W
V/# 4/42/2007	HCS-5015R	HCS-5015L	_
Tuno FOT	HCS-50TR	HCS-50TL	
Type 501	HCS-5015TR	HCS-5015TL	
Tuno 90	HCS-80R	HCS-80L	HCS-80W
Type 80	HCS-8015R	HCS-8015L	_
T	HCS-80TR	HCS-80TL	-
Type 801	HCS-8015TR	HCS-8015TL	-
Type 120	HCS-120R	HCS-120L	HCS-120W
Type 200	HCS-200R	HCS-200L	-
	HCS-60BLR	HCS-60BLL	
One way sliding for 2 panels	HCS-X2R30	HCS-X2L30	-
			HCS-XW40A
Bi-parting sliding for 2 panels	_		HCS-XW40B
	HCH-30R	HCH-30L	_
Horizontal rail 30 specification	HCH-3015R	HCH-3015L	_
to a transfer of the	HCH-60R	HCH-60L	-
Horizontal rail 60 specification	HCH-6015R	HCH-6015L	1 1
A STATE OF THE STA	HCH-80R	HCH-80L	_
Horizontal rail 80 specification	HCH-8015R	HCH-8015L	_
	HCH-30YR	HCH-30YL	S=2
Bathroom 30 specification	HCH-3015YR	HCH-3015YL	7-1
	HCH-60YR	HCH-60YL	i → i
Bathroom 60 specification	HCH-6015YR	HCH-6015YL	1 - 1
n	HCH-80YR	HCH-80YL	-
Bathroom 80 specification	HCH-8015YR	HCH-8015YL	_

SLIDEX's descriptions for right or left hand sliding



● Door widths up to 1500mm (effective opening: 1350mm) can be used for the HCS-3015R(L), HCS-5015R(L). ● Door widths up to 1500mm (effective opening: 1350mm) can be used for the HCH-3015(Y)R(L), HCH-6015(Y)R(L), and HCH-8015(Y)R(L). Slidex is specified for interior use and not recommendable for exterior use.

hose with a square mark are qualified by Public Buildings Association. Eight models depending on applications of door's types, and opening width. HCS-30 公共 建築 HCS-50



Stopper is optional.







Better Living



Horizontal rail specification



Bathroom specification

- Toilet booth fitting and aluminum front fitting (auto-door frameless type) can be provided.
- Sliding door closers other than the HCS-60BL cannot be used for airtight specifications as they use rubber packing, mohair, and other products unsuitable for airtight specifications.
- It is unnecessary for the door top to have a slanting-cut. Cut horizontally. It can be adjusted by pitches between the frames.
- *Acceptable together with wooden doors. (product on order)
- House closer (slim-type sliding closer for family use) for ordinary residences corresponding barrier-free applications.
- The horizontal rail and constant-speed spring allow the door to close silently at a constant speed.
- Rails can be installed on the lintel and a drive unit can also be installed invisibly in the door, which provides a simple appearance.



HCS-80NB Installation Procedure

HCS-80NB; Door weight: 15 to 80kg, Door width: 900 to 1300mm (effective opening: 750 to 1150mm)

*When using the stopper for door pocket, get sliding margin 100 to 150mm (to install and remove rear side brake on the door end at the opening).

Simple installation without professional techniques.

- Using the endless-type hydraulic control and a rack assembled into the sloped rail allow easy handling. (PAT)
- A wide range of applications for door weight is suitable for both wooden doors and steel doors.

■Ideal functions

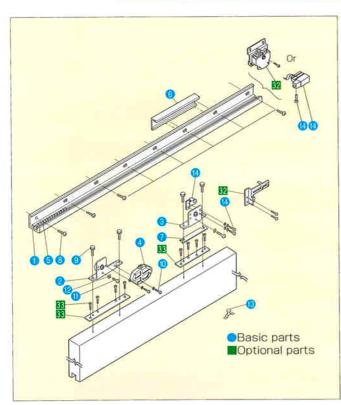
- Rear side brake on the door end side reduces the impact on the door when the door is opened strongly, preventing damage to hardware and stoppers.
 (PAT)
- ●The built-in temperature adjusting device (PAT) of the hydraulic control provides constant opening power and door-closing speeds regardless of opening dimensions in a range from minus 10 to 40°C, thus firmly controlling the door even under the small opening conditions.

■Door opening power categorized by door weight

Door weight (kg)	Door opening power (Newton)	Door opening power (kgf)
15	2.45	0.25
20	3.04	0.31
30	4.51	0.46
40	6.08	0.62
50	8.43	0.86
60	8.53	0.87
70	11.07	1.13
80	12.15	1.24

- Products are available in the right hand sliding HCS-80R, left hand sliding HCS-80L,
- Available for other width.

Detail of parts



■Basic parts

		Name	Material	Number
	0	Aluminum rail £2200[£2800]	Aluminum materials	1
2		Front hanger roller (sash roller for door head)	Steel (chromate, resin)	1
	8	Rear hanger roller (sash roller for door end)	Steel (chromate, resin)	1
	4	Hydraulic control	ADC12 and others	1
_m 6	6	Braking rack	Resin (with G), Urethane	1
Basic	6	Rear side brake	Aluminum materials, Resin, Urethane	1
parts	0	Height control plate	Steel (processed steel plate)	4[6]
क्ष	8	M5×16 pan head screw	Steel (chromate)	10[12
	9	M8×25 hexagon nut	Steel (chromate)	4
	0	M5×16 pan head screw	Steel (chromate)	2
	0	Latch hexagon special bolt	Steel (chromate)	2
	ø	Nominal 10 countersunk spring washer	Stainless	2
	13	Guide roller	Stainless, Urethane (Retaining ring is steel.)	1
		Stopper Door stop	Aluminum materials, Synthetic rubber	1
		Stopper Roller	Steel (chromate, resin)	1
	4	M6×20 hexagon bolt	Steel (chromate)	1
		M5×12 pan head screw	Steel (chromate)	2

Optional parts

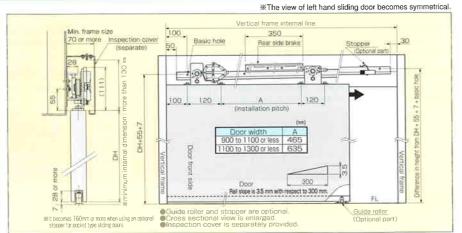
20	Delayed timer	Steel (chromate, resin, others)	1
[32]	Time adjusting plate	Steel (chromate)	1
	Wooden door plate (large)	Steel (chromate)	1
33	Wooden door plate (small)	Steel (chromate)	1
	Nominal diameter 5×30 countersunk tapping	Steel (chromate)	8

• Stopper (4) and delayed timer 32 cannot be used together.

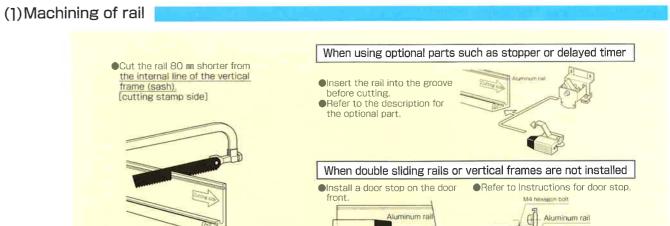
Fit-in view

The view is for a right hand sliding door. (Viewed from the inspection cover side)

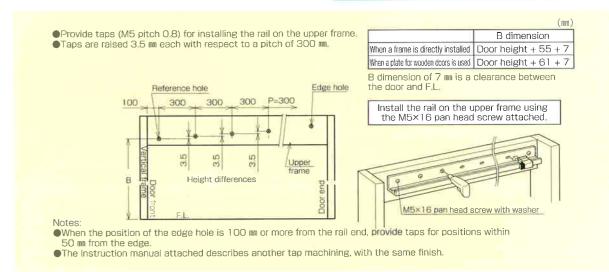




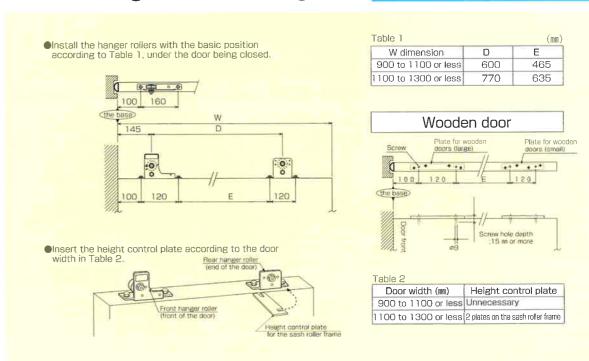
Described drawing of installation is for right hand sliding.



(2) Installation of machined rails on the upper frame

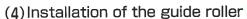


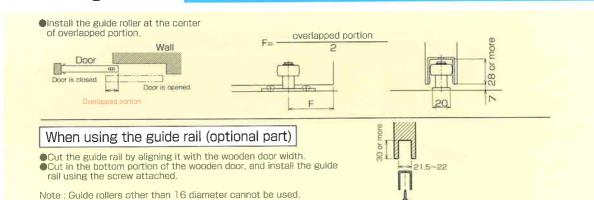
(3) Installation of front hanger roller and rear hanger roller



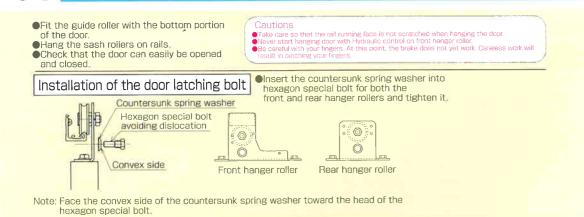
HCS-80NB Installation Procedure

Installation procedures for other products differ slightly. Use the instructions in the Instruction Manual attached to a product.





(5) Door hanging



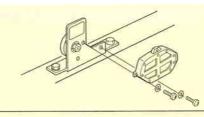
(6) Installation of the rear side brake

 Allow for the door to be fully opened or to be caught by stopper (optional part).
 Insert the rear side brake into the groove of the aluminum rail. (Refer to the drawing on the right.)
 Align the front side of the front hanger roller with the stamping position of the rear side brake center as shown in the drawing.
 There are four holes for installing the brake on the door end. Select the two positions which are even from the side, align them, and provide tap machining (M5 pitch 0.8) for the installation face. ●Tighten at the two positions using the pan head screw (M5×16) attached. ردے

(Condition of the door being fully opened for right hand sliding)

(7) Installation of the hydraulic control

Install the hydraulic control on the front hanger roller by using the pan head screw (M5×16) attached. •Install it with the door more than half open. (Avoid the locations of the control rack and



Turn the valve to clockwise

Turn it anti-clockwise for faster.

Adjustment of door closing speeds

- Adjust the needle valve of the hydraulic control
- using a flatblade screwdriver.

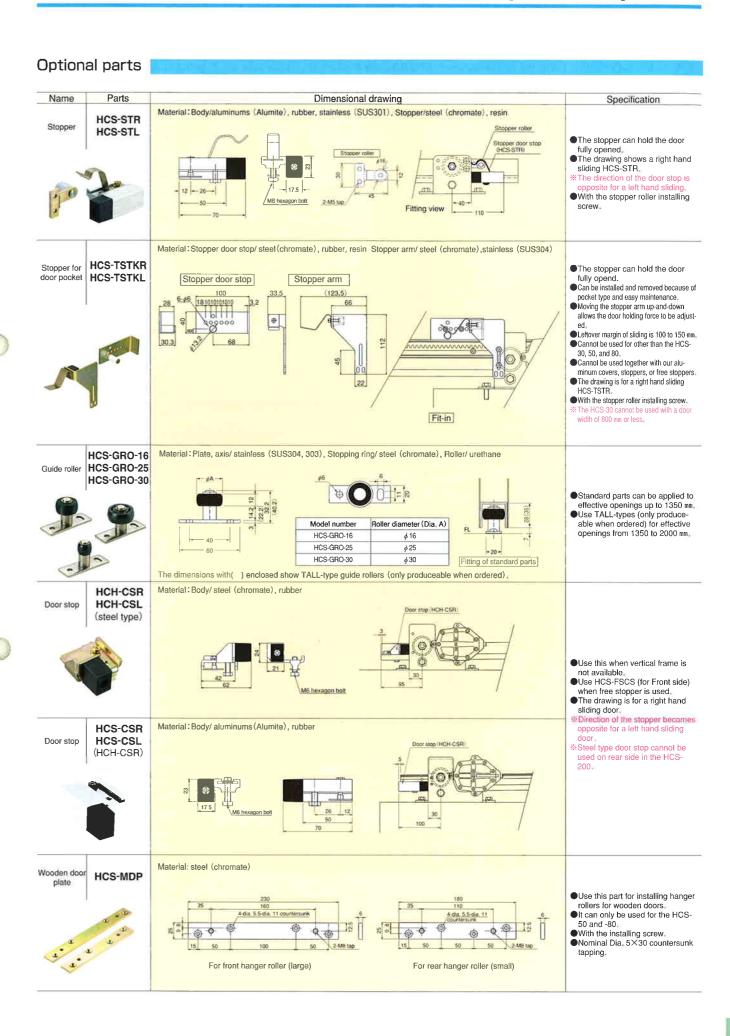
 Adjustment can be conducted at about 250 mm
- from the front where the door closes.

 Adjust the needle valve so that the door closes
- with an appropriate speed from the fully opened position.

 Open and close the door a few times to check

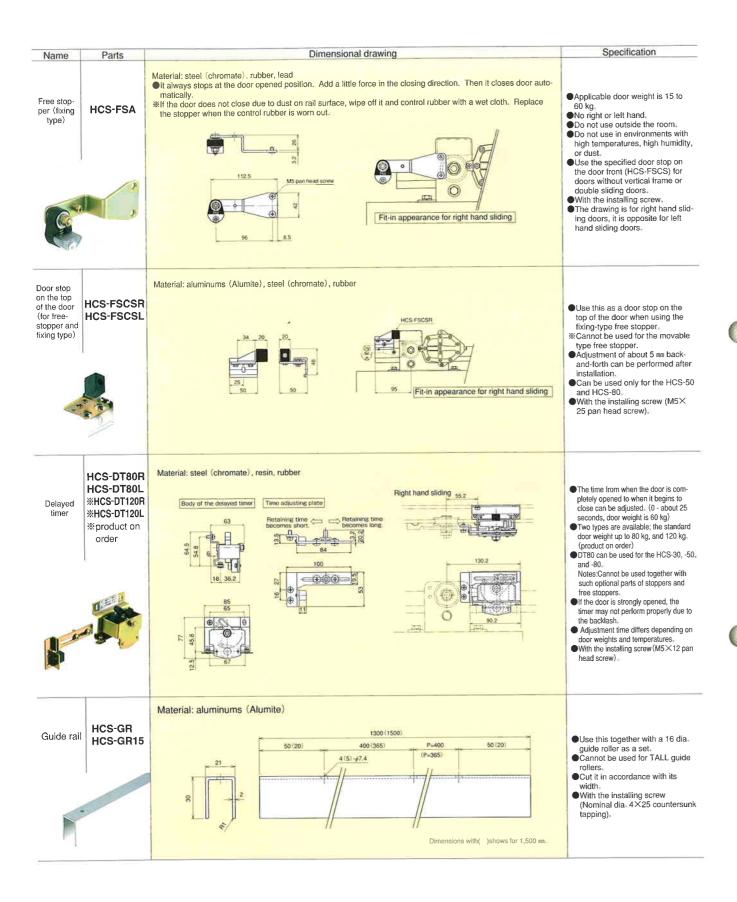
Note: Do not turn the needle adjusting valve more than 2 times.

Optional parts



Completion

Optional parts



SLIDEX Aluminum inspection cover

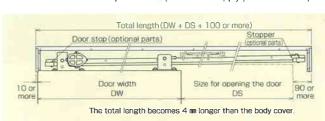
HCS-TK2000S/HCS-TK2500S/HCS-TK3000S/HCS-TK20B/HCS-TK30B

■HCS-TK Aluminum inspection cover

Model	Color	Totallength	DW:Door width	DS:Door openable size	Door thickness
HCS-TK2000S		2,000	1,000	900	
HCS-TK2500S	silver	2,500	1,250	1,150	
HCS-TK3000S		3,000	1,500	1,400	40
HCS-TK20B		2,000	1,000	900	
HCS-TK30B	bronze	3,000	1,500	1,400	

Simple and economical construction

- Standardized inspection covers allow for guick delivery.
- Wall-fixing type.
- Cut the body cover and the front cover to use. (Need to make screw hole.)
- The SLIDEX body, door stops, stoppers, and doors are not included in a set of inspection covers.
- Use optional door stops and stoppers if vertical frames are not provided on both sides.
- When using the optional delayed timer and if the door width becomes larger, it is necessary to provide a cut in the position where the main body cover is to be installed. (This is because the delayed timer touches the main body cover.)
- •The body cover, front cover, and side covers, one left and right, are prepared in a set with installing screws.
- The silver covers can be painted on, (We do not supply painted covers.)

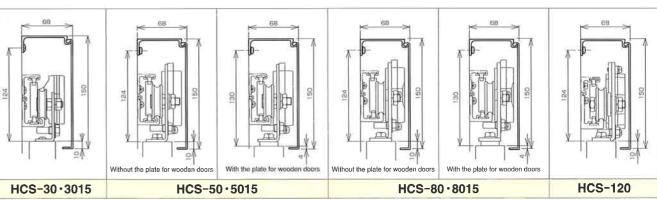


Set the inspection cover 10 mm from the door front or more in the door closed position, and set it to 90 mm or more when it is used with optional parts on the door end. (If the optional parts are fixed within DS dimensions, the inspection cover on the door end can be set to 90 mm or less.)





*It cannot be used together with stoppers applicable to door pocket.



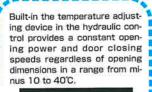
It cannot be used in addition to the above-mentioned products.

8

SLIDEX Horizontal rail type

■Horizontal rail specification HCH ■Bathroom specification HCH-Y

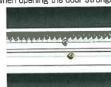
Adding the new horizontal rail and bathroom specifications to the sliding door closer systems makes more variation of the sliding closer system.



Engaging the rack assembled into the rail with the gears of the hydraulic control allows the door to close slowly from the 250 mm at front when clos-



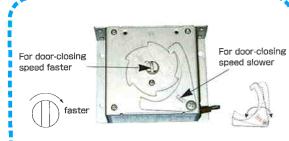
Use of the rear side brake (PAT) on the door end which has the back-check function allows for less impact on the door and provides silent door closing without damaging vertical frames, even when opening the door strongly



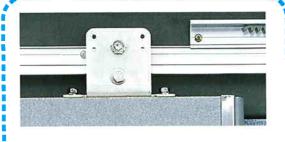








The speed of the power spring of the drive unit installed on the door can be adjusted with only a slottled screwdriver. The drawing is for right hand sliding doors, and it is opposite for left

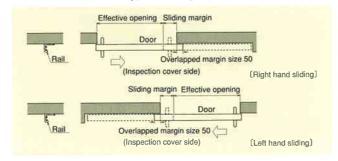


The dacrotized treatment is provided for bathroom specification (HCH-Y) systems so that HCH-Y can be used at locations with high humidity, enhancing corrosion resistance.

SLIDEX variation Horizontal rail types

	Right hand sliding	Left hand sliding
Type 30	HCH-30R	HCH-30L
(horizontal rail specification)	HCH-3015R	HCH-3015L
A STATE OF THE PARTY OF THE PAR	HCH-60R	HCH-60L
	HCH-6015R	HCH-6015L
Type 80 (horizontal rail specification)	HCH-80R	HCH-80L
	HCH-8015R	HCH-8015L
Type 30	HCH-30YR	HCH-30YL
(bathroom specification)	HCH-3015YR	HCH-3015YL
Type 60	HCH-60YR	HCH-60YL
(bathroom specification)	HCH-6015YR	HCH-6015YL
Type 80	HCH-80YR	HCH-80YL
(bathroom specification)	HCH-8015YR	HCH-8015YL

■SLIDEX Horizontal rail types Drawing of left and right hand sliding



SLIDEX Horizontal rail type HCH-80/HCH-8015 HCH-801/HCH-8015Y

HCH-80 (Y) Door weight: 60 to 80 kg, Door width: 900 to 1,300 mm (effective opening: 750 to 1,150 mm)

HCH-8015 (Y) Door weight: 60 to 80 kg, Door width: 1,300 to 1,500 mm (effective opening: 1,150 to 1,350 mm)

Simple installation without professional techniques

• Using the endless-type hydraulic control and a rack assembled into the rail allow for easy handling. (PAT)

Ideal functions

The brake on the door end side reduces the impact on the door even when it is strongly opened, preventing damage to hardware and stoppers. (PAT)

New design for smooth opening and closing

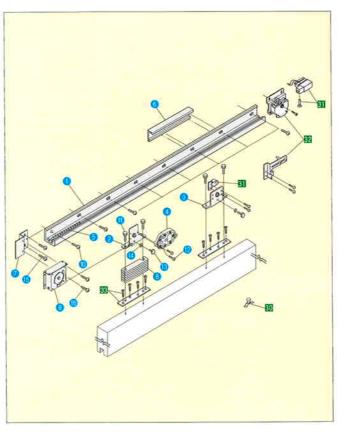
• The built-in temperature adjusting device (PAT) of the hydraulic control provides a constant opening power and door-closing speeds regardless of opening dimensions in a range from minus 10 to 40°C, thus firmly controlling door closing speed even from small opened position.

■Door opening power categorized by door weight

Door weight (kg)	Door opening power (N)	Door opening power (kgf)
60	11.2	1.14
70	13.9	1.42
80	15.8	1.61

Products are available in the right hand sliding HCH-80 (Y) R and HCF

Details of parts



Basic parts

	Name	Material (horizontal rail specification)	Material (bathroom specification)	Number
0	Aluminum rail £2200 [£2800]	Aluminum malerials	Aluminum materials	1
2	Front hanger roller	Steel (chromate, resin)	Steel (dacrodized treatment), Resin	1
8	Rear hanger roller	Steel (chromate, resin)	Steel (dacrodized treatment), Resin	1
4	Hydraulic control	ADC12 and others	ADC12 and others	1
6	Braking rack	Resin (with G), Urethane	Resin (with G), Urethane	1
6	Brake on the door-end side	Aluminum materials, Resin, Urethane	Aluminum materials, Resin, Urethane	1
0	Power spring installing plate	Steel (chromate)	Steel (dacrodized treatment)	1
8	Height control plate (for control frame)	Steel (processed steel plate)	Steel (dacrodized treatment)	7(1)
9	Power spring	Steel (chromate)	Steel (dacrodized treatment), Others, Resin	1
0	M5×16 pan head screw	Steel (chromate)	Stainless	10[12]
0	M8×35 hexagon nut	Steel (chromate)	Stainless	4
1	M5×12 pan head screw	Steel (chromate)	Stainless	2
13	Latch hexagon special bolt	Stainless	Stainless (dacrodized treatment)	2
14	Nominal 10 of a countersunk spring washer	Stainless	Stainless	2
15	M5×12 pan head screw	Stainless	Stainless	2
13	M4×6 pan head screw	Stainless	Stainless	2
		Aluminum rail £2200 [£2800] Front hanger roller Rear hanger roller Hydraulic control Braking rack Brake on the door-end side Power spring installing plate Height control plate (for control frame) Power spring M5×16 pan head screw M6×35 hexagon nut M6×35 hexagon nut Latch hexagon special bolt Nominal 10 de countersunk spring washer M5×12 pan head screw	Aluminum rail £2200 [£2800] Aluminum materials Pront hanger roller Steel (chromate, resin) Rear hanger roller Steel (chromate, resin) Hydraulic control ADC12 and others Braking rack Resin (with G), Urethane Brake on the door-end side Aluminum materials, Rasin, Urethane Power spring installing plate Height control plate (for control frame) Steel (chromate) Power spring Steel (chromate) Steel (chromate) M5×16 pan head screw Steel (chromate) M5×12 pan head screw Steel (chromate) Latch hexagon special bolt Neminal 10 de countersunk spring washer Stainless M5×12 pan head screw Stainless	Aluminum rail £2200

as for the HCH-80, * Bathroom specifications are the same, Numbers with a () enclosed are for spare parts

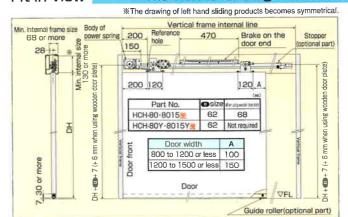
Optional parts

	Name	Horizontal rail	Bathroom specification	Number
30	Guide roller	0	0	1
	Stopper Door stop	_		1
21	Stopper Roller		0	1
31	M6×20 hexagon bolt	O		1
	M5×12 pan head screw			2
00	Delayed timer body		V.	1
32	Time adjusting plate	0	×	1
_	Wooden door plate		V	2
33	Nominal dia, 5X30 countersunk tapping	O	×	8

• Stopper 31 and delayed timer 32 cannot be used together. Bathroom specification 31 is the dacrodized treatment.

Fit-in view

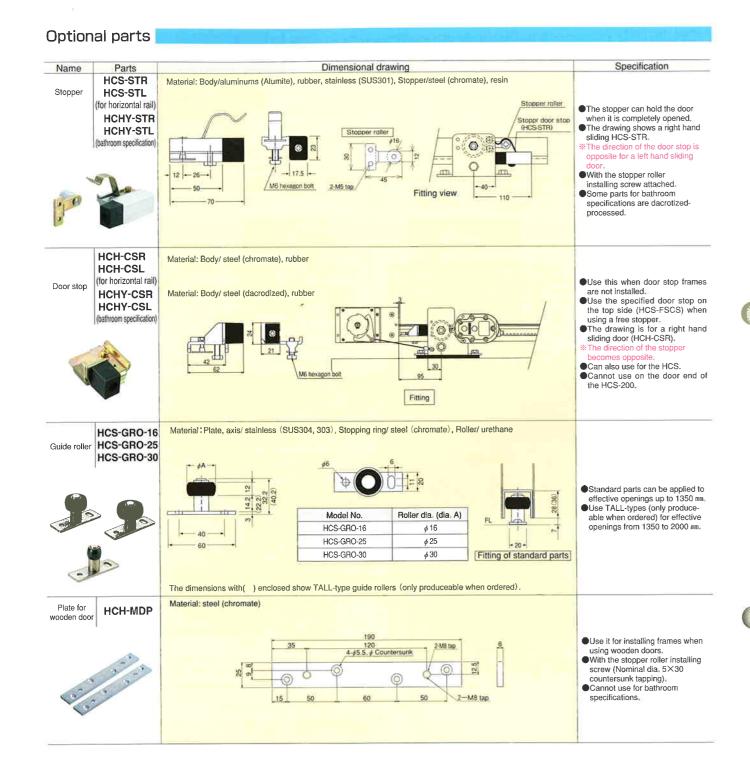
The view is for a right hand sliding door. (Viewed from the inspection cover side.)



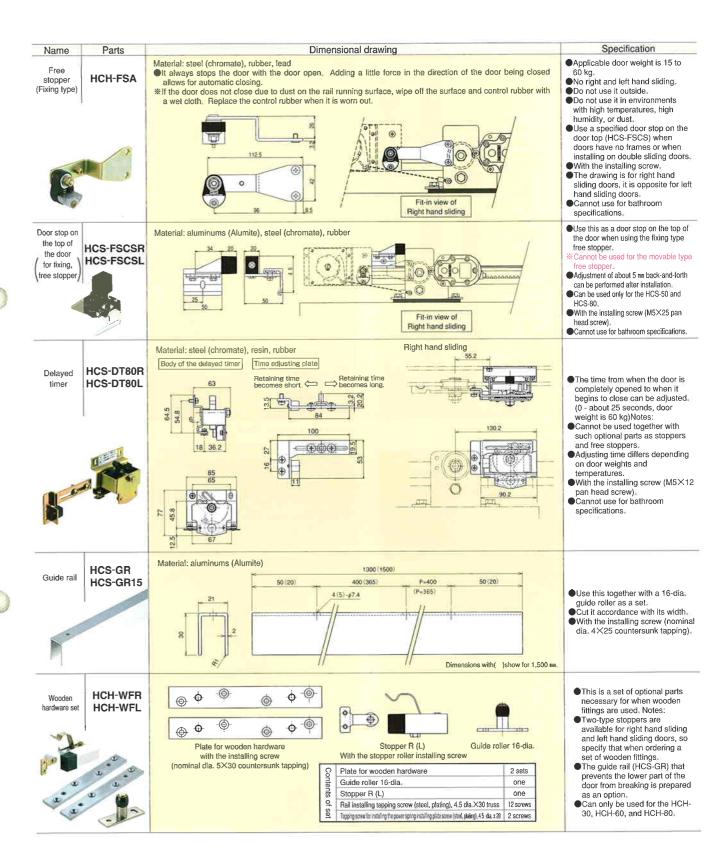
- Inspection covers, guide rollers, stoppers, and guide rails are optional.
- Be sure to use a guide roller.
- ●Install the rail 6 mm up when using a wooden door plate.
- The minimum internal size for the installation surface is at least 160 mm* when using a stopper matching with door pocket of sliding
- Be sure to install the frame vertically.
- Install the power spring wire at the door closed position.

(Refer to P12, 13 for information about optional parts.) Contact us for optional parts for bathroom specifications.

Optional parts

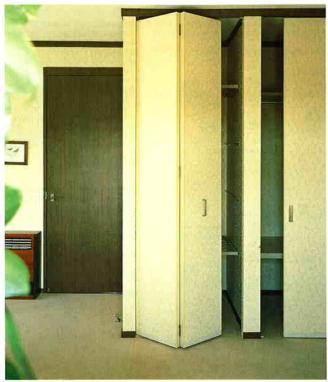


Optional parts



Interior door hanger

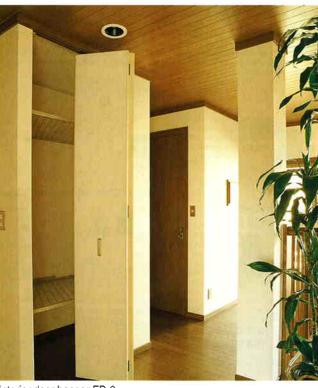
Installation example



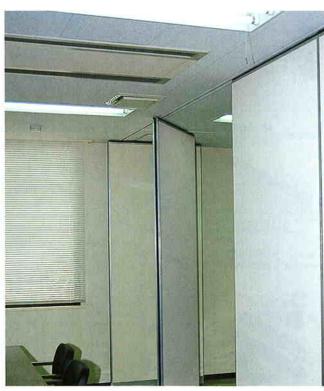
Interior door hanger FD-3, SD-10



Audio visual room screen door SD-20

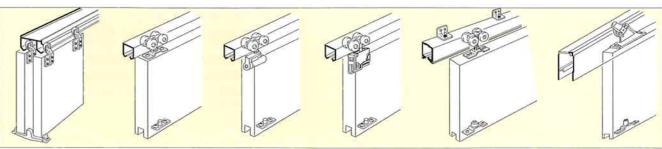


Interior door hanger FD-3



Meeting room partition PT-150

Product variations



Sliding door hardware SD-10

Sliding door hardware SD-5

Door weight: up to 20kg

Sliding door hardware SD-10 (with plate) SD10-4WP

• Door weight: up to 50 kg

Sliding door hardware SD-10 (with bracket) SD10-4WB

Door weight: up to 30 kg
 Door weight: up to 30 kg

Sliding door hardware SD-15 SD-40

(with adjustable bracket) SD10-4WT ● Door weight: up to 70 kg

Door weight: up to 40 kg SD-80

● Door weight: up to 120 kg ● Door weight: up to 80 kg



Folding door hardware FD-2

Folding door hardware FD-5

Folding door hardware SD-15

Partition hardware SD-15 ● Door weight: up to 25 kg

Partition hardware SD-15
PT-100 • Door weight: up to 100 kg PT-150 • Door weight: up to 150 kg

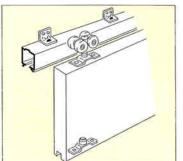
Туре	Applicable weight (per door)		Model No.	
туре	Applicable weight (per door)	Rail	Number	ANOTE REPRESENT
One way sliding for 2 panels	30kg or less	Upper rail only	Two rails, one way sliding	SD10-X2RS SD10-X2LS
	20kg or less	Upper rail only	Two pieces, bi-parting sliding	SD5
	30kg(50kg) or less(*)			SD10 (with bearing)
Sliding door	70kg or less		One panel, one way sliding	SD15
Silding door	120kg or less	Upper rails are required. (Lower rails can be	Two panels, bi-parting sliding with one rail Two panels, bi-parting sliding or cross sliding	SD20
	40ks or less selected.) Who pares, bi-parting sliding or cross with two rails, etc.		SD40	
	80kg or less			SD80
	Door width 300mm or less—up to 15kg 450mm or less—up to 10kg	Upper rail only	Two panels, one way sliding	FD-1
			Four panels, bi-parting sliding	(FD-11)
		Both types of rails are necessary.	Two panels, one way sliding	FD-2
			Four panels, bi-parting sliding	(FD-22)
		Upper rail only	Two panels, one way sliding	FD-3
Folding door			Four panels, bi-parting sliding	(FD-33)
Polairig door			Two panels, one way sliding	FD-4
	Door width 300mm or less—up to 25kg 450mm or less—up to 15kg		Four panels, bi-parting sliding	(FD-44)
		Dath toward of calls	Four panels, one way sliding	FD-5
		Both types of rails are necessary.	Six panels, bi-parting sliding	(FD-54)
			Eight panels, bi-parting sliding	(FD-55)
	Door width 450mm or less—up to 25kg, 600mm or less—up to 20kg 700mm or less—up to 17kg, 800mm or less—up to 15kg			SD15
	25kg or less			SD15
Partition	100kg or less	Upper rail only		PT100
	150kg or less			PT150

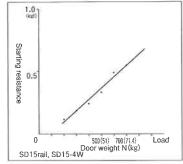
Note: Avoid using the above interior hardware at abnormal temperatures.

(**) The applicable weight 50kg of SD-10 is available by SD10-4WR+SD10-4WRT.

Interior door hanger SD15

SD15 (sliding hardware) (Door weight up to 70kg per door)



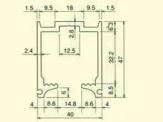


The door weight is applicable up to 70kg. This is sliding hardware for entrances.

Using aluminum rails and resin wheels with bearings gives on excellent running, with starting resistances of 9.8N(1kgf) or less. A variety of parts lineups are provided including door stops (SD15-ST) with rubber bumpers that prevent damage to the doors, and door stops (SD15-CST) with stoppers that soften door inertia and stop the doors at the desired position.

- As the door can be lightly opened and closed, be sure to fix the door by attaching it with the vertical frame when using it in places where an unspecified number of people will use it such as schools and public facilities.
- Can be attached to walls.



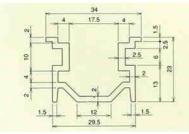


	2.8	361	99
2.4	12.5	47	
2	2 9 5	3 10	
.5.	8.6 14.8 8.6	-	

	Part No.	Size mm	Installation hole pitch	Number of note
	SD15-R09S	910	287	4
Sliver	SD15-R18S	1820	295	7
	SD15-R27S	2730	298	10
	SD15-R36S	3640	299	13
Bronze	SD15-R09B	910	287	4
	SD15-R18B	1820	295	7
	SD15-R27B	2730	298	10
	SD15-B36B	3640	299	13

A6063S-T5 : Alumite Sliver/bronze
 Ceiling installation hole : 5.5-dia×9slot





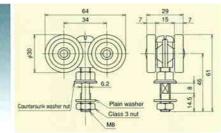
SD15 guide rail

Part No.		Size mm	Installation hole pitch	Number of holes
Sliver	SD15-GR09S	910	287	4
	SD15-GR18S	1820	295	7
	SD15-GR27S	2730	298	10
	SD15-GR36S	3640	299	13
Bronze	SD15-GR09B	910	287	4
	SD15-GR18B	1820	295	7
	SD15-GR27B	2730	298	10
	SD15-GR36B	3640	299	13

A6063S-T5 : Alumite Sliver/bronze



SD15 double wheel **SD15-4W**



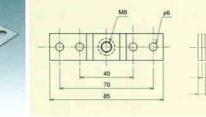
Wheel : polyacetal Body

: SPHC(plating) : M8(plating)

●Countersunk washer nut: 1, Plain washer: 1, with one nut

• Wheel dia.: 30(bearing type)



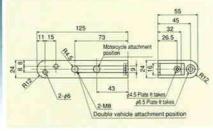


SD20 plate SD20-PT

Installation hole: 6-dia. four places.



SD15 inside plate SD15-SPL



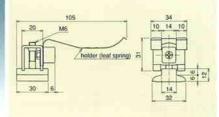
• SS400(nickel-chromium plating) With the screws for installing the door

⊕pan head tapping screw (5×35): 2 ⊕countersunk tapping screw (5×35): 1 (SUS304) @screw (M4×10): 1 (SUS304)

• Use it with a door thickness of 30 mm or more.

SD15 (Sliding door hardware)



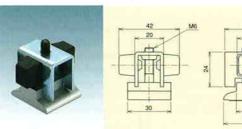


SD15door stop with the holder SD15-CSTS(sliver) SD15-CSTB(bronze)

Upper plate : SPHC (plating) Cushion :neoprene rubber

Dresser :zinc alloy die casting (sliver/bronze) • Leaf spring :SUS304CSP

Specify the color of the dresser in accordance with that of the rail.



SD15 door stop SD15-CSS(sliver) SD15-CSB(bronze)

● Upper plate : SPHC (plating)

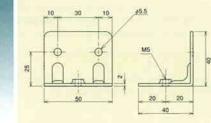
:neoprene rubber Cushion

:zinc alloy die casting (sliver/bronze)

 Remove the external cushion when using as the door stop for the edges Specify the color of the dresser in accordance with that of the rail.



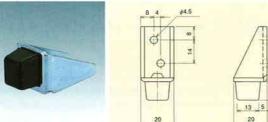
SD15 side bracket SD15-SB



●SUS304

ullet Screw for installing the rail: with the $\oplus M5 \times 10$ (SUS304) truss screws

Installation holes on the wall: 5.5-dia. two holes

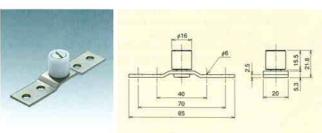


SD15 door stop with rubber bumper

Body SD15-ST

:SPCC (plating) Cushion

● Installation screw : with two ⊕truss 4×25 tapping screws



SD15 guide roller SD15-GRO

Body :SUS304 Roller :polyacetal

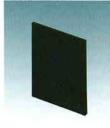


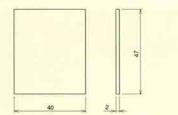
SD10 swing stop guide • ABS SD10-GF



■ Installation screw: with two ⊕ Phillips 4×30 tapping screws

•Use it with SD10 guide as a set.





SD15 end seal SD15-ES

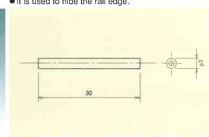
Neoprene rubber (black)

Adhesive tape

 It is not a chock. • It is used to hide the rail edge.



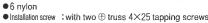
SD15 coupling pin



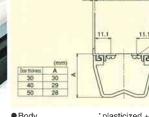
● SUS420J2 SD15-JP



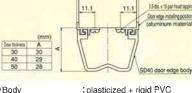
SD10 guide SD10-GP











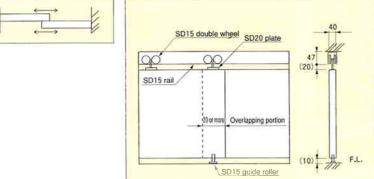
- - : A6063S-T5 Alumite, Sliver :30~50 mm : with 18 (22) + head
 - 3.5×16 tapping screws

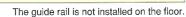
Interior door hanger SD15

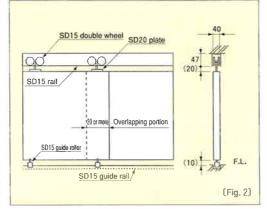
SD15 specific spanner SD15-HS SD15 specific wrench Can be used for SD15 double wheel, SD15-HW SD15-HW

Standard fitting

Double sliding door



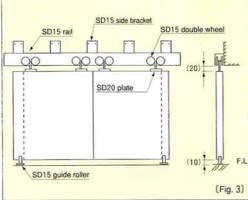




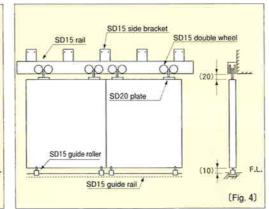
The guide rail is installed on the floor.

Bi-parting door



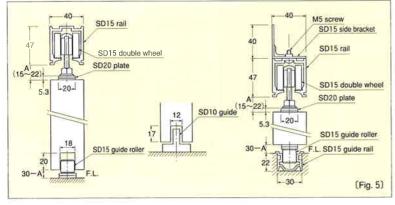


The guide rail is not installed on the floor.



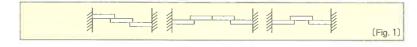
The guide rail is installed on the floor,

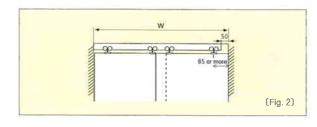
SD15 Fit-in drawing for double wheel



- Figures 1 to 4 show the double sliding of the two doors. The double sliding of three or more doors can be implemented (P.19 Fig. 1).
- The clearance (A) between the top of the door and SD15 rail is 15 to 22 mm when a SD20 plate is used. (Fig. 5)
- The clearance (A) between the door and the floor is 30 (A) mm when a SD20 plate is used.
- The guide roller can also be used with the combination of a SD10 guide and the swing stop guide.

Interior door hanger SD15





*For better finishing, groove the ceiling and insert the upper rail in it.

If a rail has been fully installed between the vertical frames, then the rail must be removed when performing wheel maintenance and replacement for double sliding doors.

Therefore, as shown in (Fig. 2), if the rail width is set to about 50 mm less than the opening, and if double wheel is installed 85 mm or more apart from the end of the door, it is possible to easily remove only the wheel even after a rail has been installed. (It is not applied to SD15 inside plate.)

Installation procedure (installation procedure of SD20 plate, SD15 guide roller specifications)

■Double sliding door

 $\ensuremath{\text{\textcircled{O}}}\xspace$ Cut the SD15 rail by aligning it with an installation position.

- Be sure to use a SD15 coupling pin when coupling the rail,
- Completely cut the margin out of the cutting surface.

②Insert SD15 double wheel and SD15 door stop (door stop with the SD15 stopper) before installing the rail.

③Aligning with installation holes, install the rail in the desired position. (The installation holes are opened at about 300 mm pitch.)

■Machining doors and installing parts

①Install SD20 plate on the top of the door. (Follow the installation position of Figures 3 and 4 on P.20 when using SD15 door stop or a door stop with SD15 stopper.)

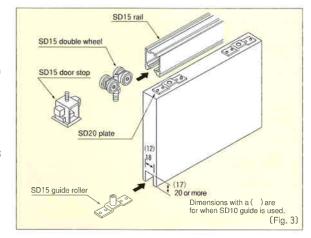
- Drill a 9 dia. hole by aligning it with the thread of the plate beforehand.

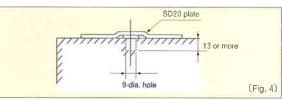
 (Drill holes with depth of 13mm or more when installing on wooden doors.) (Fig. 4)

 (Plate II CP45 mide will use at the context of the light of the plate beforehand.)
- ②Install SD15 guide roller on the center of overlapping portion.
- Be carefull for the installing position so that the door is vertically hung.
 Groove holes 18 mm wide, 20 mm deep or more in the lower portion of the door.
- ③Groove holes 18 mm wide, 20 mm deep or more in the lower portion of the door (Groove holes 12 mm wide, 17 mm deep or more when using a SD10 guide.)

Door hanging

- ①Drop the grooved door into the guide roller, insert the double wheel bolt in the thread of the SD20 plate to raise the door. (The double wheel bolt is raised inside the rail.)
- •For easy hanging, using SD15 inside plate is recommended.
- ②Insert a spanner in the bolt to adjust the fittings, (It is convenient to use a SD15 specific spanner.)
- ③Holding the double wheel bolt, strongly tighten the countersunk washer nut on the plate side.



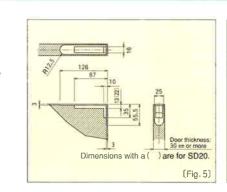


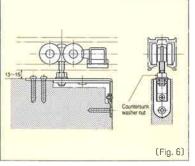
**One plain washer and one M8 nut placed in the small case of the double wheel are necessary when using our apron, but are unnecessary when installing in combination with SD20 plate.

Procedure of part installation

SD15 inside plate/SD15-SPL

- Groove the door as shown Figure 5.
- Install according to installation procedures (P.20 Fig. 1)
- The clearance between the door and the rail is 13~15 mm.
 (Fig. 6)





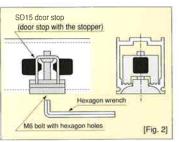
Interior door hanger SD15

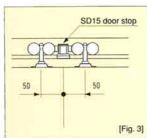
(3) Insert the cover into the body attached (4) Use the specified spanner (SD15-HS), etc. (1) Install the body on the notched door using (2) Install the wheels on the cover and to the door and firmly connect using to adjust the height, and firmly tighten using the wheel nut.

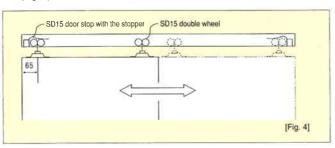
SD15 coupling pin

SD15 door stop /SD15-CS SD15 door stop with a stopper /SD15-CST

- Insert the rail beforehand.
- Move the door stop or door stop with the stopper to the position for the door to be stopped, and fix it using a hexagon wrench.(It is convenient to use a SD15 specific wrench.) (Fig. 2)
- When using the door stop as a door stop for the door end, remove the external cushion. (It can be removed by pulling it out strongly.)
- Install the double wheel that contact the door stop at a position 50 mm from the end of the door, (Fig. 3) (It cannot be used for SD15 inside plate.)
- When using the door stop as a door stop for the door end, or when using the door stop with the stopper, install the double wheel at a position 65 mm or more apart from the end of the door. (Fig. 4)







SD15 coupling pin / SD15-JP

- Insert the right/left coupling pins halfway into either rail groove to be coupled beforehand, pat the other rail end, and install them with good balance (Fig. 5)
- When the rail cannot be moved left and right, insert both pins into one rail groove and hold it temporarily. Aligning both rails with each other, pat the end of the coupling pins using a flatblade screwdriver from the rail side, and move the pins to the center of the rail joints,

SD10 swing stop guide/ SD10-GF (used with SD10 guide as a set.)

- For double sliding doors, install by contacting the guide to the lower portion of the left and right door stop frame.
- Install SD10 guide on the center of the doors. (Figs 6 7)
- * The center of the right and left doors becomes a swing stop with SD10 guide/SD10-GP, but swinging cannot be prevented if nothing is installed on the left and right ends of the doors.

SD15 end seal /SD15-ES

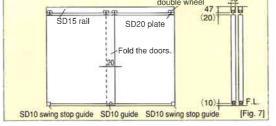
Peel the back sheet and paste it on the small rail outlet.

SD15 door stop with the rubber bumper /SD15-ST

(Example of use) 1... bi-parting door (Fig. 8)

• Installing the door stop on the wall or the door enables the door to be placed in the desired position.





SD10 swing stop guide

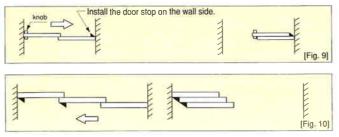
(Example of use) 2... double sliding door (Fig. 9)

20

- The knob can be installed so as not to hit the door
- Concave-shaped knobs can prevent finger pinch.

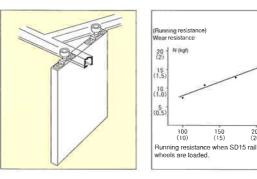
(Example of use) 3 **: It is possible to link three or more sliding doors. (The doors are linked when opening, but not when closing.) (Fig. 10)

When installing a door stop on a wall or door, it is appropriate to install at the upper position from the center of the door height.



Interior door hanger SD15

SD15<Partition hardware> (panel weight is up to 25 kg for each)



Panels for partitions can be freely moved.

This is orthogonal light-weight partition hardware that uses aluminum rails and specific plastic sliding wheels with superior on friction resistance. With combinations of L-type, T-type, and X-type rails, panels (doors) can be freely moved and stored. Using the ceiling guide allows the wheels to smoothly run from the connecting position of the rails. It can be widely used in ordinary residences, offices, party rooms, and other such locations.

- Weight of up to 25 kg per panel can be applied.
- Panel height is up to 3 m. It is required that operations can be performed on the upper side from the panel center. • Apply grease on the liner running surface at the connecting position of T-type and X-
- If the weight exceeds 25 kg, consider a linking door storage system that uses curved rails, PT100 Partition Hardware, or PT150 Partition Hardware,



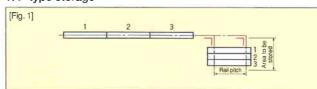


<F-type storage>

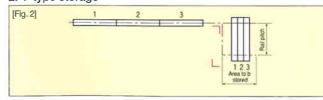
Interior door hanger Partition

1. F-type storage

<Y-type storage>



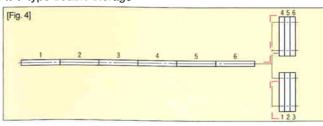
Y-type storage



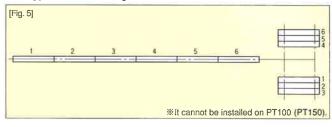
3. Y-type storage



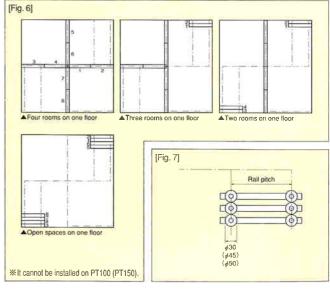
4. Y-type double storage



5. F-type double storage



6.Complex-type storage



Please contact us for use of PT-100 & PT-150.