

LAMP CONCEALED HINGE (STAINLESS STEEL) 180SUS 105° Opening / Inset NEW



Soft-close



SUS

Specifications

- 3D adjustment : Depth:  $\pm 2$  mm (from centre of long hole), Vertical:  $\pm 2$  mm (from centre of long hole), gap: +3 mm, -1mm (at 5 mm cut and 1 mm gap).
- Passed the in-house neutral salt spray test, meeting the 480-hour corrosion resistance standard in accordance with ISO 9227 (equivalent to DIN EN 1670).

Sold Separately

- Stainless Steel Mounting Plate 1

Recommended screw

- Countersunk or round countersunk head wood/tapping screw 3.5

Remarks

- The body of the hinge, excluding the damper, is made of stainless steel.

Picture above is the combination of concealed hinge and mounting plate.

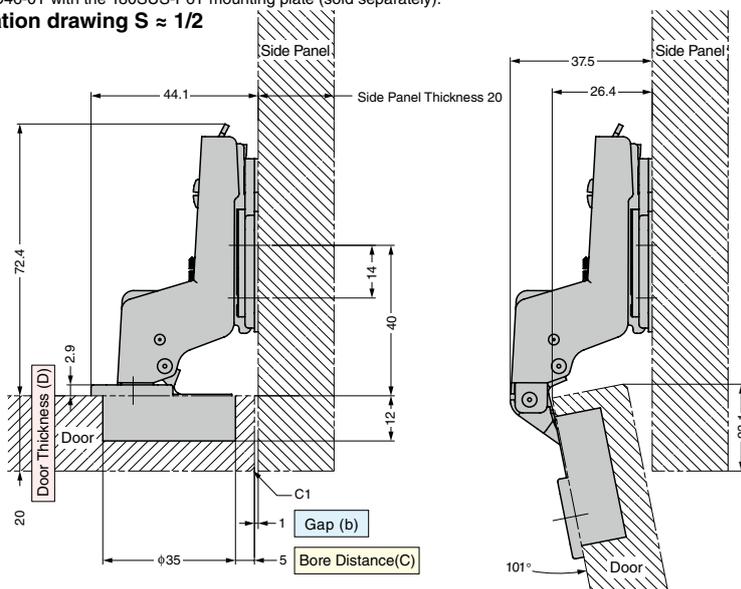
RoHS	CAD	Item Code	Item Name	Type	Material	Finish	Weight (g)	Carton
●	2C3D	160-059-729	180SUS-D46-0T	Built-in Damper	Stainless Steel	Barrel	67	200 pcs
●	2C3D	160-059-730	180SUS-C46-0T	w/ Catch	(SUS304)	Polishing	63	200 pcs

Mounting Plate (sold separately) is required for installation. Please order separately.

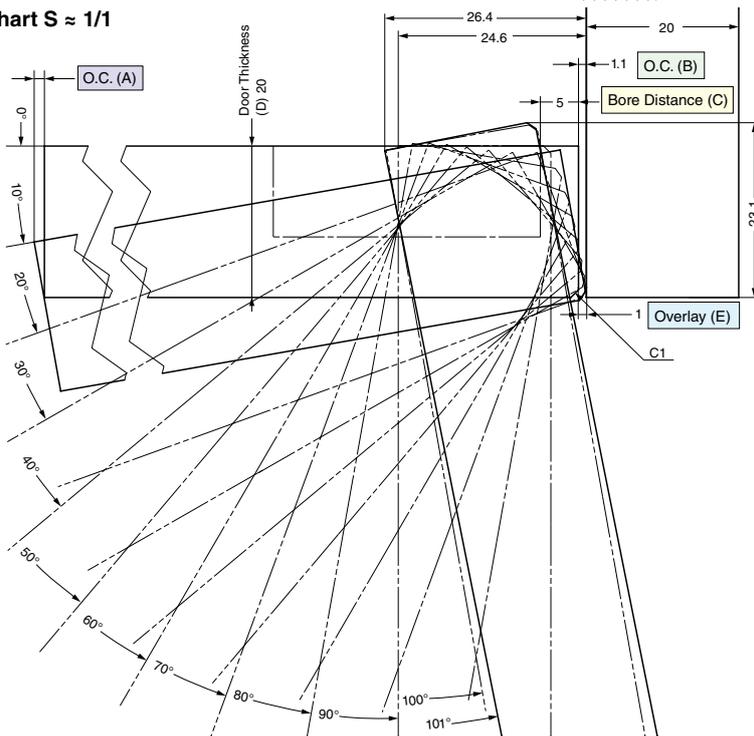
105° Opening Inset (1 mm gap at shipping) Applicable gap range: 0-4 mm (with 5 mm bore distance) Door Thickness 15 - 20 mm

Drawing shown is based on a 5 mm bore distance, 20 mm door thickness, and Inset, using 180SUS-D46-0T or 180SUS-C46-0T with the 180SUS-P6T mounting plate (sold separately).

Installation drawing S ≈ 1/2



Locus chart S ≈ 1/1



Bore Distance (C)

Bore Distance (C)	3	4	5
Gap (b)	3	2	1

For standard type mounting plate 0 mm thickness. Turning the adjustment screw increases the Gap (b) by up to 3 mm. The hinge-side O.C. (B) setting is shown in the table below.

Opening Clearance (O.C.)

Clearances for door edge O.C. (A) and hinge side O.C. (B) are necessary. O.C. (A) and (B) change depending on door thickness and bore distance (C). Refer to locus chart and tables below when designing cabinets.

O.C. (B)

Door Thickness (D)	Bore Distance (C)		
	3	4	5
15	0.2	0.2	0.2
16	0.3	0.3	0.3
17	0.4	0.4	0.4
18	0.7	0.6	0.6
19	0.9	0.9	0.8
20	1.2	1.2	1.1
21*	1.7	1.6	1.5
22*	2.3	2.0	1.9

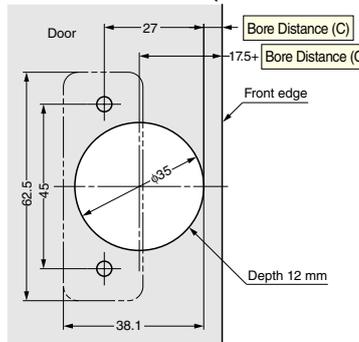
\*Please refer to the locus chart if door thickness is over 20 mm. (O.C. (B) can be reduced by machining the R and C faces on the door.)

O.C. (A)

Door Thickness (D)	Door Width				
	300	400	450	500	600
20	0.25	0.18	0.16	0.14	0.12

\*Reference values for door widths 500 and 600.

Cut Out Dimensions (Wooden Doors)



Door Dimensions and Number of Hinges 2

Refer to 1 :PA002, 2 :PA002