

INSTRUCTION
HEX KEY



Passed 300K open/close
private cycle test



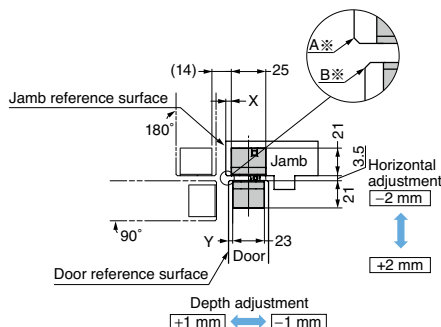
- Small bore depth for compact assembly.
- Black colour is newly launched.
- 3D Adjustment Post Installation: Adjust vertically, horizontally, and in depth.
- Easy installation: Hinge can be split into the door side and the frame side and has temporary door holding feature.
- Order-made colour available.

- Read all remarks on handling thoroughly before use.
- Please use the Selection Tool for HES Concealed Hinges to select a hinge.
- When used in combination with door restrictors, please use HES3D-120-A100 instead. (New product catalogue page: F22)

- Countersunk head tapping screw 5×20 (4 pcs/hinge) SUS
- Hex key 3
- Cutout template

- Installation template HES3D-120-TMP **1**
 - ※ Can be reused, so door and jamb can be easily cut out with a router.

Please process the part (corner of door/jamb) of ※ marked on the drawing to C1 or more (or R1 or more).



Y: Door machining margin	B: Door chamfering	X: Jamb machining margin	A: Jamb chamfering
4 and under	1	5 and under	1
	2	6	2
		7	
5	3	5 and under	3

Technical drawing illustrating the dimensions and reference surfaces for a door and jamb assembly. The drawing shows three views: a side view of the door, a side view of the jamb, and a cross-section of the door edge.

Dimensions:

- Door width: 23
- Jamb width: 25
- Door height: 120
- Jamb height: 90
- Door edge thickness: 6.5
- Door edge radius: $8 \times R6$
- Jamb edge radius: $8 \times R6$
- Door edge offset: Y
- Jamb edge offset: X

Reference Surfaces:

- Reference surface of door (indicated by a dashed line and arrow pointing to the door edge)
- Reference surface of jamb (indicated by a dashed line and arrow pointing to the jamb edge)

Labels:

- Door
- Jamb

Selection Tools:

- [Hinge Selection](#)
- [Video Link](#)

No.	Part Name	Material	Finish / Colour		
			DC	DN	BL
①	Body	Zinc Alloy (ZDC)	Satin Chrome	Dull Nickel	Black Enamel Finish
②	Base Frame				
③	Arm				
④	Shaft	Stainless Steel	—	—	—
⑤	Cover (2 pairs)	ABS	Satin Chrome	Satin Nickel	Black

RdHS	CAD	Item Code	Item Name	Colour	Door Width	Door Height	Door Thickness	Door Weight kg/2 pcs	Door Weight kg/3 pcs	Opening Angle	Weight (g)	Box (pcs)	Carton (pcs)
		170-022-086	HES3D-120DC	Silver	Max. 900	Max. 2400	Min. 29	Max. 30	Max. 40	180°	410	2	24
		170-022-087	HES3D-120DN	Champagne Gold							415	2	24
		170-022-088	HES3D-120BL	Black							403	2	12

Refer to **1** :P.167