



## Hinge 125 Full Overlay Clip-On w/Dowels

**Part Number: 105-A485N**

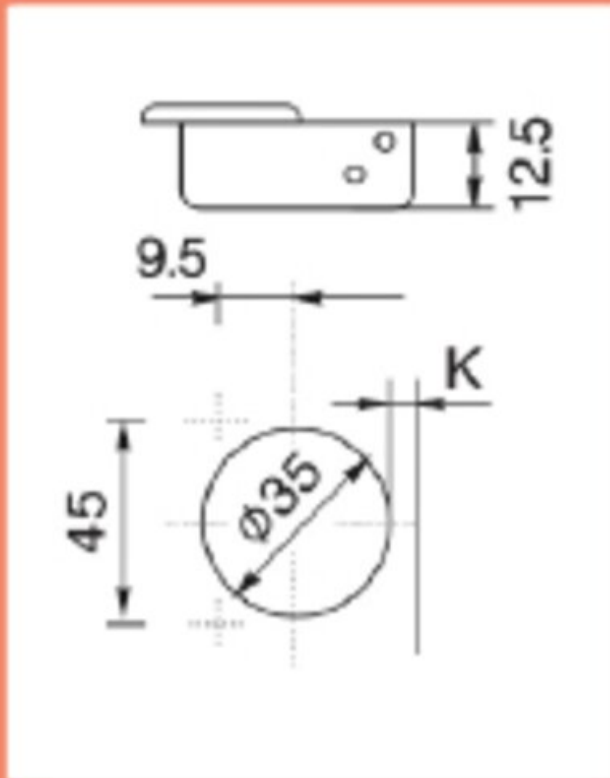
DTC Clip-On Hinge - 125°

125 degree self-closing full overlay hinge.

Adjustment Type	No Adjustment
Angle	125
Application Type	Full Overlay
Closing Type	Self-Close
Cup Type	45mm Standard Pattern
Door Type	Standard Door
Finish	Nickel
Hinge Cup Depth	12.5 mm
Hinge Cup diameter	35 mm
Hinge Door Drilling Distance	3-7 mm
Hinge Door Thickness	16-26 mm
Hinge Type	Clip-On
Material	Steel
Mounting Type	Dowel (8mm)
Plate Type	Compatible with DTC Self-Close Clip-On Plates only

# Hinge Cup Patterns

45mm -  
Standard  
Pattern



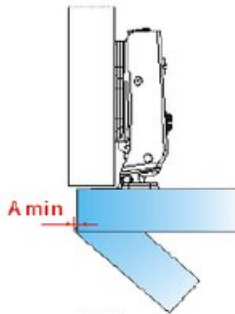
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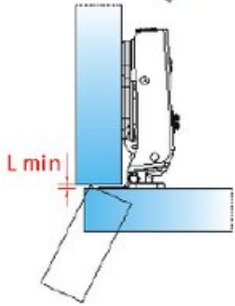
## Technical Documents

### Space needed to open the door

These values are calculated on the assumption that the doors have square edges. They must be reduced if the doors have radiused edges.



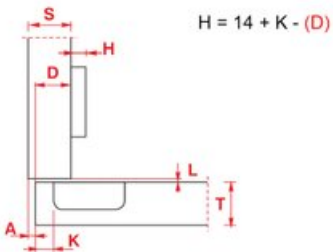
	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.8	1.1	1.5	1.9	2.4	2.9	3.6	4.4	5.1	6.0	6.8
K=4	A=	0.8	1.1	1.4	1.8	2.2	2.7	3.3	4.0	4.8	5.5	6.4
K=5	A=	0.8	1.0	1.3	1.7	2.1	2.6	3.1	3.8	4.4	5.2	5.9
K=6	A=	0.7	1.0	1.3	1.6	2.0	2.5	3.0	3.5	4.2	4.4	5.6
K=7	A=	0.7	1.0	1.2	1.6	1.9	2.4	2.8	3.3	3.9	4.6	5.3



	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	1.2	1.7	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
K=4	L=	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1
K=5	L=	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
K=6	L=	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8
K=7	L=	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7

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**Technical Documents****Full Overlay**

Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application. Please refer to page B-4 for abbreviations and information on how to interpret these drawings.

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