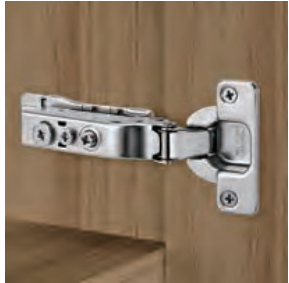


# Φ35mm Speed-adjustable Soft-close Hinges



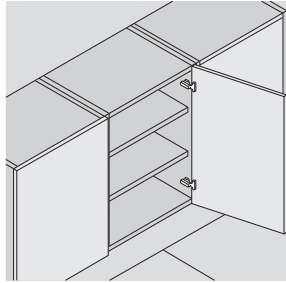
## PRODUCT



## DESCRIPTION

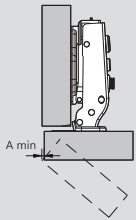
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door (K): 3-6 mm

## APPLICATION



## PLANNING

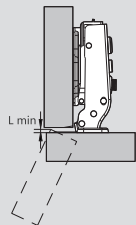
### Space needed to open the door



T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A= 0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
K=4	A= 0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
K=5	A= 0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
K=6	A= 0.6	0.8	1.1	1.3	1.6	2.0	2.4	2.8	3.2	3.8	4.4

- T=Door thickness
- K=Cup hole drilling distance from door edge

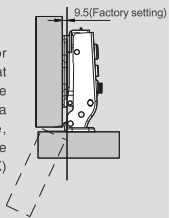
### Space needed to open the door



T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L= 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L= 0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiused edges.

### Projection of the door

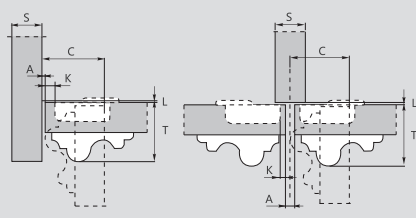


Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K)=3mm.

### "C" value

$$C=20+K+A$$

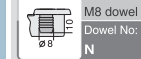
With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcass sides, doors or walls, whilst bearing in mind the above L-K-T values.



## ORDER INFORMATION



### Options of screws and dowels:

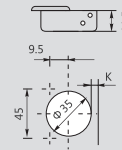


M8 dowel  
Dowel No:  
N



Euro screw  
Dowel No:  
B

### Φ 35mm Hinge cup types



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.

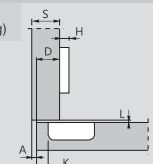
**Attention: all hinges and plates are delivered in Titanium (black) color.**

### Speed-adjustable soft-close hinge 110°

#### Full overlay C=0



H=12+K-(D)  
(Factory setting)

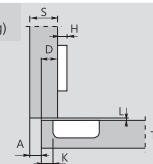


	Item No.	Pcs/ctn
Soft-close	8723S86 screw	200
	8723D86 dowel	

#### Half overlay C=9



H=3+K-(D)  
(Factory setting)

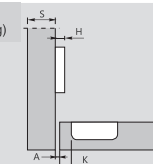


	Item No.	Pcs/ctn
Soft-close	8724S86 screw	200
	8724D86 dowel	

#### Inset C=18



H=6+K+(A)  
(Factory setting)



	Item No.	Pcs/ctn
Soft-close	8725S86 screw	200
	8725D86 dowel	