

# CONCEALED HINGE

## SOFT STOP SYSTEM HINGE 155° - CHAPULIN



Cod.C2RKA99

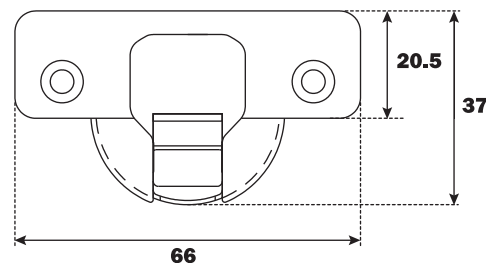
### Installation guide

#### Product

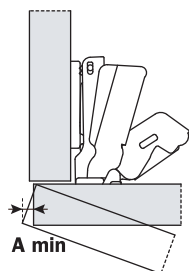


#### Description

- Soft-Stop system
- Opening degree: 155°
- Bore depth: 5/8"
- Cup diameter: 1-3/8"
- Door thickness: 3/8" - 7/8"
- Drilling distances (K) : 1/8" - 5/16"
- For use on cabinet / closet doors wood or aluminum



#### Space needed to open the door

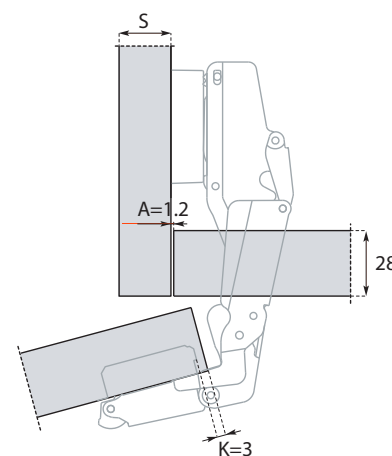
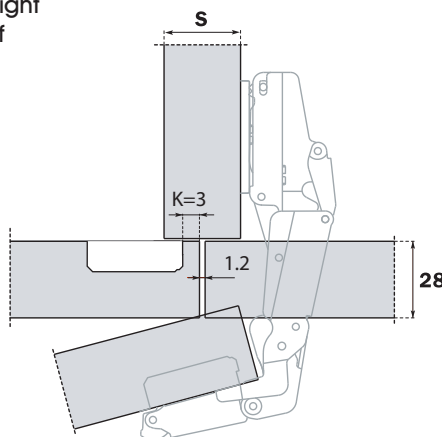
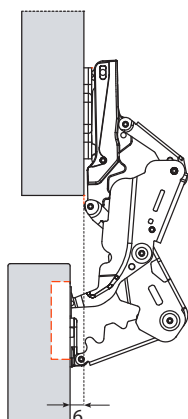


	T=	16	18	20	22	24	25	26	27	28
K=3	A=	0.0	0.0	0.0	0.0	0.0	0.10	0.40	0.75	1.20
K=4	A=	0.0	0.0	0.0	0.0	0.0	0.15	0.45	0.85	1.35
K=5	A=	0.0	0.0	0.0	0.0	0.0	0.20	0.50	0.95	120° 1.70
K=6	A=	0.0	0.0	0.0	0.0	0.0	0.25	0.60	1.10	120° 1.95
K=7	A=	0.0	0.0	0.0	0.0	0.0	0.30	0.70	1.30	100° 2.30
K=8	A=	0.0	0.0	0.0	0.0	0.0	0.35	0.85	120° 1.70	100° 2.80
K=9	A=	0.0	0.0	0.0	0.0	0.15	0.55	1.20	100° 2.15	

- T=Door thickness
- K=Cup hole drilling distance from door edge
- The above values are calculated on the assumption that the doors have square edge.
- They are reduced if the doors have radiussed edges.

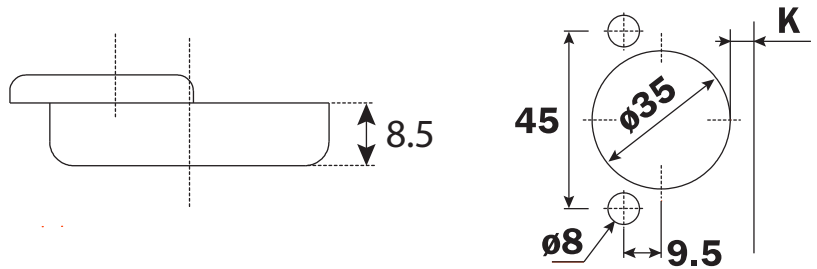
#### Projection of the door

Door combined with a mounting plate H=0 and straight arm hinge open at 90° with lateral door protrusion of 6mm.



## Ø 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" which is necessary to solve each application problem.



## Soft stop system hinge 155°

Full overlay C=0

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$$H = 15 + K - (D)$$

