CONCEALED HINGE
SOFT STOP SYSTEM HINGE

JAKO®

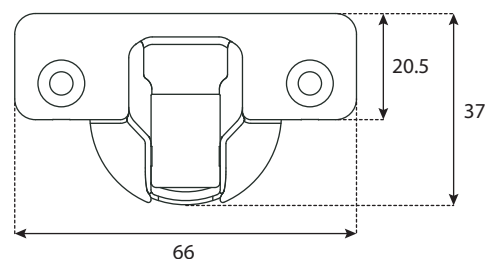## Cod.C7R6AD9 / C7R6GD9 / C7R6PD9
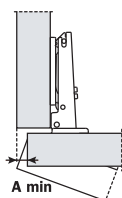## Installation guide

Product

Description

- Opening degree: 110°
- Bore depth: 9/16"
- Cup diameter: 1-3/8"
- Glass thickness: 5/8"-1"
- Possible drilling distances on the door (K) : 1/8" - 1/4"
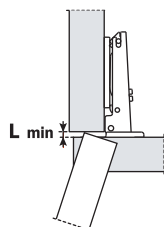- For use on cabinet / closet doors wood or aluminum

20.5
37
66

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	1.1	1.3	1.6	1.9	2.2	2.6	3.2	4.4	5.7
K=4 A=	0.6	0.8	1.1	1.3	1.6	1.8	2.2	2.5	2.9	3.4	4.7
K=5 A=	0.6	0.8	1.0	1.3	1.5	1.8	2.1	2.4	2.8	3.2	3.7
K=6 A=	0.6	0.8	1.0	1.2	1.5	1.8	2.1	2.4	2.7	3.1	3.6

A min

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

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	0.2	0.4	0.6	0.9
K=4 L=	0.0	0.0	0.0	0.3	0.5	0.7	0.9	1.1	1.4	1.6	1.8
K=5 L=	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.4	2.6	2.8
K=6 L=	1.5	1.8	2.0	2.2	2.4	2.7	2.9	3.1	3.3	3.6	3.8

L min

- 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

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

7.6
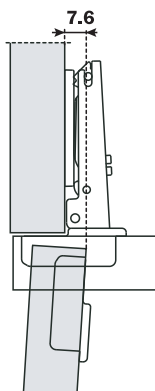
"C" value

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

$$C = 22.5 + K + A$$

S
C
A
K
L
T

S
C
L
T
K
A
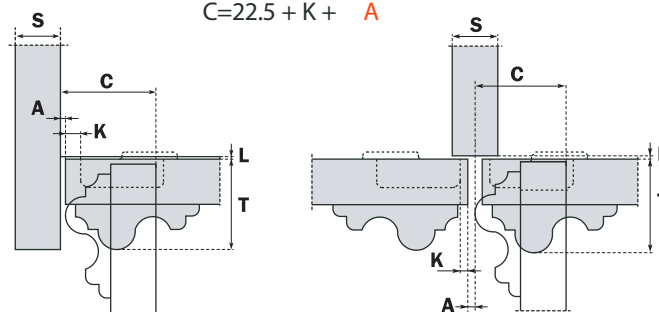
Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.
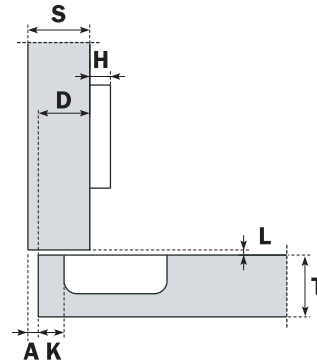
13.5

ø35

K

45 ø35

ø8 9.5
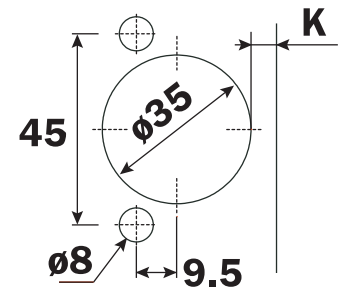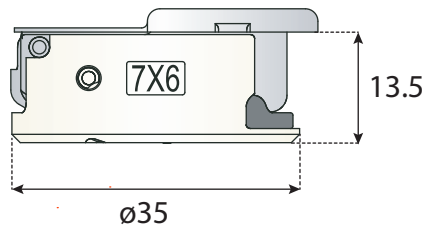
Concealed hinge 110°

Full overlay C=0   COD. C7R6AD9

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

S H
D
L T
A K

Half overlay C=9   COD. C7R6GD9

$$H = 6 + K - (D)$$

S H
D
L T
A K
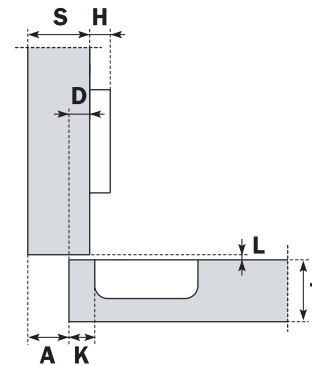
Inset C=17   COD. C7R6PD9

$$H = -2 + K + A$$

S H
L T
A K