CONCEALED HINGE

TITANIUM HINGE WITH SOFT STOP SYSTEM

Cod.610-TLCL / 620-TLCL / 630-TLCL

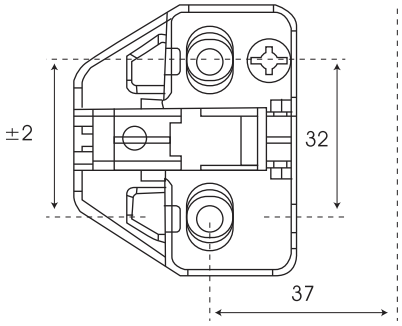
Installation guide

Product

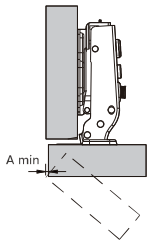
Description

- Opening degree: 110°
- Bore depth: 1/2"
- Cup diameter: 1-3/8"
- Range of the door thickness: 9/16"-13/16"
- Possible drilling distances on the door (K) : 1/8" - 1/4"
- Base: Clip-on
- For use on cabinet / closet doors

Adjustable mounting plate

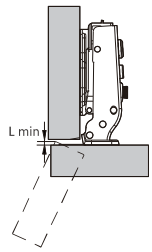


Space needed to open the door



	T=	14	15	16	17	18	19	20	21	22	23	24
K=3	A=	0.2	0.4	0.6	0.8	1.1	1.5	2.0	2.7	3.5	4.3	5.1
K=4	A=	0.2	0.4	0.6	0.8	1.1	1.4	1.9	2.4	3.1	3.9	4.7
K=5	A=	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.3	2.9	3.5	4.3
K=6	A=	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.6	3.3	4.0
K=7	A=	0.2	0.3	0.5	0.7	9.0	1.2	1.6	2.0	2.5	3.0	3.7

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



	T=	14	15	16	17	18	19	20	21	22	23	24
K=3	A=	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	1.0	1.2	1.4
K=4	A=	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3
K=5	A=	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.3
K=6	A=	2.6	2.8	2.9	3.1	3.3	3.4	3.6	3.8	4.0	4.1	4.3
K=7	A=	3.6	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3

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

H=14+K-(D)

D / H \ K	3	4	5	6
0	17	18	19	20
2	15	16	17	18
4	13	14	15	16

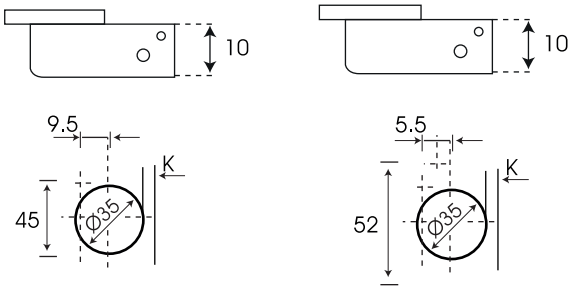
H=5+K-(D)

D / H \ K	3	4	5	6
0	18	9	10	11
2	16	7	8	9
4	14	5	6	7

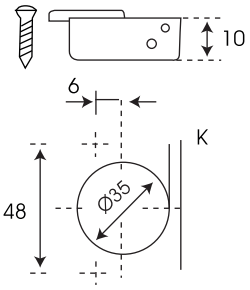
H=-6+K+(A)

A / H \ K	3	4	5	6
0	3	2	1	0
2	5	4	3	2
4	7	6	5	4

Ø 35mm Hinge cup types



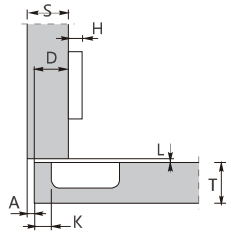
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.



Titanium hinge with soft stop system 110°

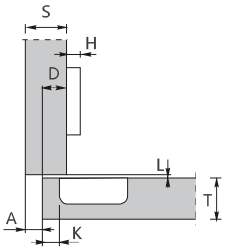
Full overlay **C=0** **Cod. 610-TLCL**

H= 14 + K - (D)



Half overlay **C=9** **Cod. 620-TLCL**

H= 5 + K - (D)



Inset **C=17** **Cod. 630-TLCL**

H= -6 + K + (A)