IMUNDEX IMUNDEX

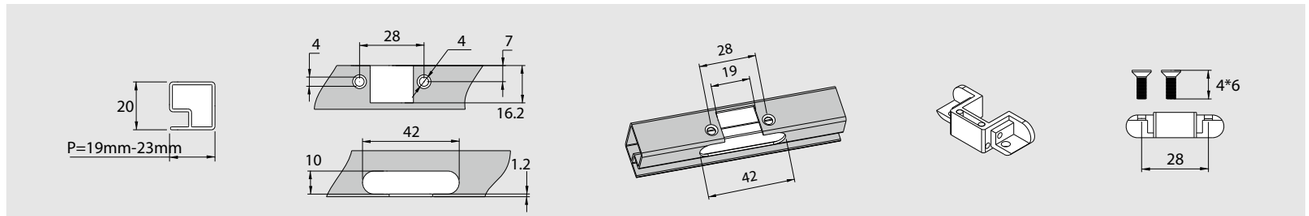
*Member of the Feddersen Group – Germany*



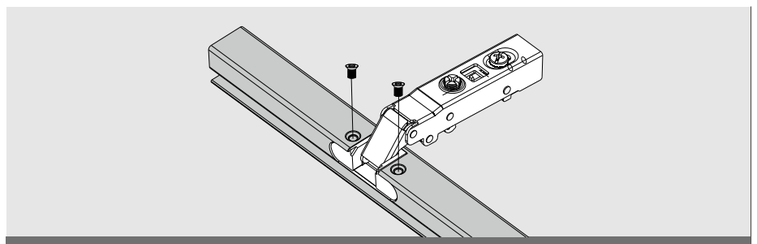
## TECHNICAL SPECIFICATION

Soft close hinge for aluminum frame doors
105° opening angle
For alu frame thickness of 14-23mm
Width of profile(P): 20-27mm
Metal and zinc alloy material, Cu-Nickel/Cu-black nickel plated
Integrated silent system
Boss fixing screws are included

## DRILLING FOR CUP

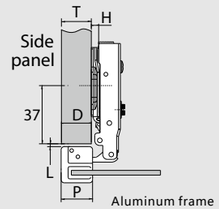
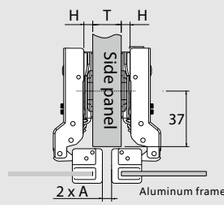
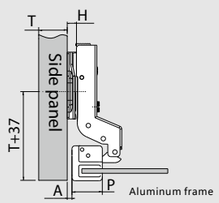



## CUP INSTALLATION




Hinges for aluminum frame door

## OVERLAY TABLE

| Full Overlay - 7173102 | Half Overlay - 7172103 | Inset - 7171104 |
|---|---|---|
|  |  |  |







H=14+K-D

| D / H \ K | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|
| 0 | 17 | 18 | 19 | 20 | 21 |
| | | | | | |
| | | | | | |

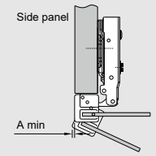
H=4+K-D

| D / H \ K | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|
| 0 | 7 | 8 | 9 | 10 | 11 |
| | | | | | |
| | | | | | |

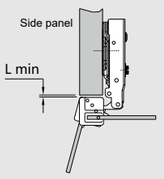
H= -4+K+A

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

## MINIMUM REVEAL TABLE




| A / T \ K | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 0.3 | 0.5 | 0.7 | 0.9 | 1.2 | 1.5 | 1.8 | 2.2 | 2.6 |
| 4 | 0.3 | 0.5 | 0.7 | 0.9 | 1.1 | 1.4 | 1.8 | 2.1 | 2.5 |
| 5 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.0 | 2.4 |
| 6 | 0.2 | 0.4 | 0.6 | 0.8 | 1.1 | 1.3 | 1.6 | 2.0 | 2.4 |
| 7 | 0.2 | 0.4 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 1.9 | 2.3 |




| L / T \ K | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 |
| 5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.5 | 1.8 | 2.0 |
| 6 | 1.0 | 1.3 | 1.5 | 1.8 | 2.0 | 2.3 | 2.5 | 2.8 | 3.0 |
| 7 | 2.0 | 2.3 | 2.5 | 2.7 | 3.0 | 3.2 | 3.5 | 3.7 | 3.9 |

K Boring distance

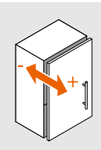
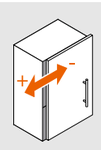
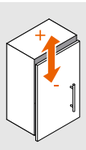
T Door thickness

A Minimum gap (A) for door with a door edge radius

L Gap between door and panel

Note: above parameter based on the door edge is right-angle side, if the door is round corner edge, the parameter value will be reduceaccording to the edge size.

## HINGE ADJUSTMENT

| Depth Adjustment | Overlay Adjustment | Height Adjustment |
|---|---|---|
|  |  |  |
| Rotate depth screw to adjust door gap.<br>Adjust range : 3.8mm ( cam screw ) 5mm （depth screw） | Rotate lateral screw to increase or decrease door overlay. Adjust range : 6mm | Adjust the mounting plate on panel to adjust the door`s height. |

Notice: Above adjustment size based on hinge body R series, , if application on other hinge body, please contact Jusen Hardware.