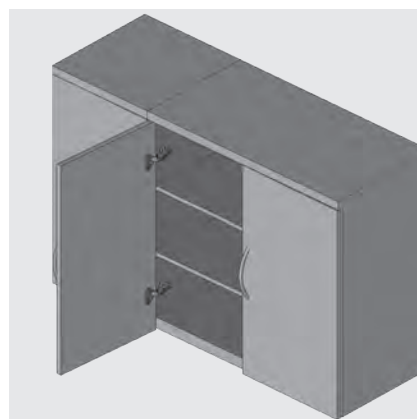


hinge systems

Star Track 110° Hinges



- Opening angle: 110°
- Cup diameter: 35mm.
- Cup Depth: 11.2mm.
- Hinge Body: Steel
- Hinge Cup: Steel
- Crank type: 0-9-18 mm.
- Coating: Nickel
- Assembling and disassembling feature with one touch on the door without using screw driver.



| Cranking | | 0 mm. |
|-------------------------|---------|-------|
| Description | Code | |
| Chipboard Screw "52mm." | 1018113 | |
| Ø10 Dowel "52mm." | 1018543 | |

| Cranking | | 9 mm. |
|-------------------------|---------|-------|
| Description | Code | |
| Chipboard Screw "52mm." | 1018123 | |
| Ø10 Dowel "52mm." | 1018553 | |

| Cranking | | 18 mm. |
|-------------------------|---------|--------|
| Description | Code | |
| Chipboard Screw "52mm." | 1018133 | |
| Ø10 Dowel "52mm." | 1018563 | |

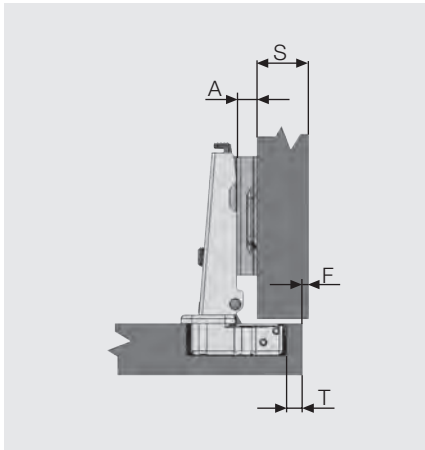
Page Directions

Assembling, Disassembling
For Mounting Plate

Pg. F33

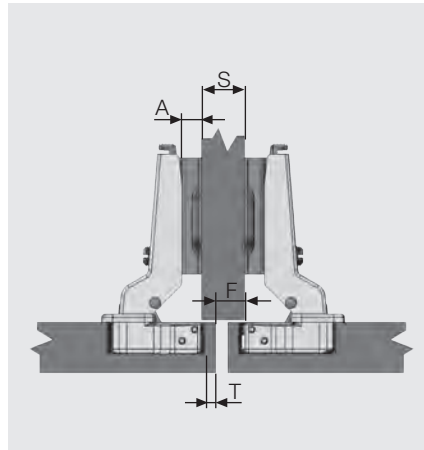
Pg. F19

Cranking 0 mm.



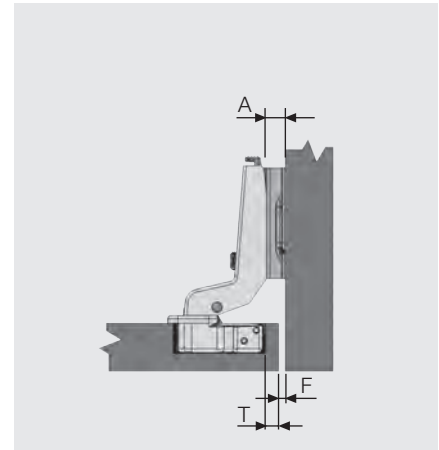
Formula: $A=18+F+T-S$

Cranking 9 mm.



Formula: $A=9+F+T-S$

Cranking 18 mm.



Formula: $A=F+T$

Calculation Table

Cranking 0 mm.

| | | | | | | | |
|----------|--------------------------|----|---|----|---|---|---|
| S | Side Thickness | 18 | | 16 | | | |
| A | Mounting Plate Thickness | 5 | 7 | 7 | 7 | 9 | 9 |
| F | Minimum Gap | 1 | 1 | 2 | 1 | 1 | 2 |
| T | Cup Distance | 4 | 6 | 5 | 4 | 6 | 5 |

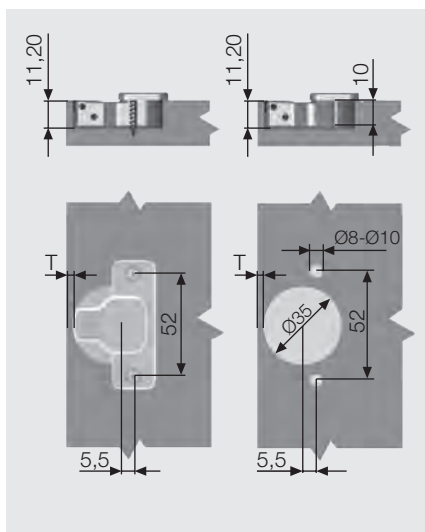
Cranking 9 mm.

| | | | | | | | |
|----------|--------------------------|----|----|----|---|----|---|
| S | Side Thickness | 18 | | 16 | | | |
| A | Mounting Plate Thickness | 5 | 7 | 7 | 7 | 7 | - |
| F | Minimum Gap | 10 | 10 | 11 | 9 | 10 | - |
| T | Cup Distance | 4 | 6 | 5 | 5 | 4 | - |

Cranking 18 mm.

| | | | | | | | |
|----------|--------------------------|---|---|---|--|--|--|
| A | Mounting Plate Thickness | 5 | 7 | 7 | | | |
| F | Minimum Gap | 1 | 1 | 2 | | | |
| T | Minimum Gap | 4 | 6 | 5 | | | |

Cup Dimensions "52mm."



*Note 1: Dowels are used for hinge cup. *Note 2: 45-48-52 mm. indicate hole distance of hinge cup.