

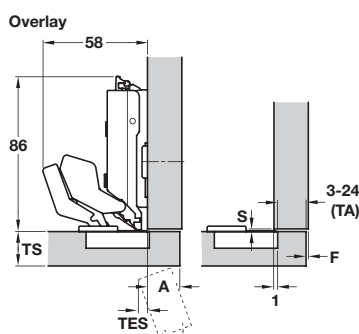
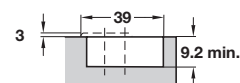
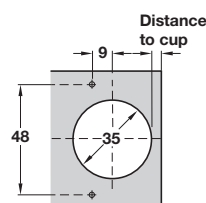
## GRASS TIOMOS M9



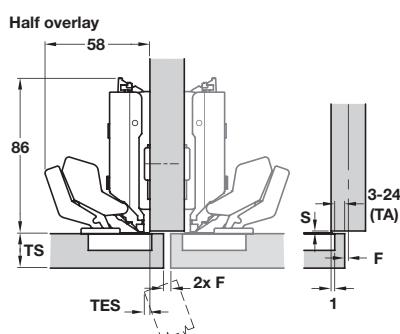
- > For door thicknesses from 12 mm up to max. 28 mm
- > Opening angle 110°
- > Ø 35 mm cup
- > Cup depth of min. 9.2 mm
- > For door overlays up to 25 mm
- > 3-dimensional adjustment with appropriate mounting plate
- > Application examples:  
Thin furniture doors  
Four-sided mitred applications 110°
- > Tiomos Night, anthracite finish, also available



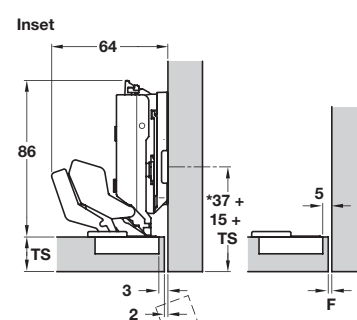
Trial fitting is recommended for all door thicknesses



Mounting plate distance 0 mm



Mounting plate distance 0 mm



Mounting plate distance 6 mm  
\*Dimension for mounting plate for 37 mm hole spacing

## Minimum gap/minimum reveal

## Values for 0 mm mounting plate height

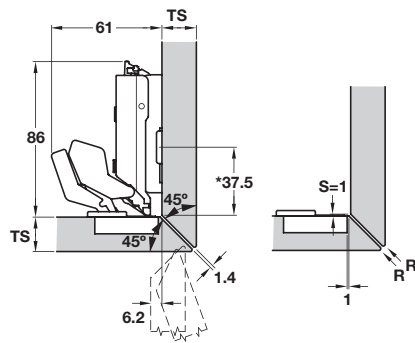
|                                     |           |           |            |            |           |            |           |            |            |           |           |
|-------------------------------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|-----------|
| Cup distance <b>TA</b>              | 3         | 4         | 5          | 6          | 7         | 8          | 9         | 10         | 11         | 12        | 13        |
| Door protrusion <b>TES</b>          | 0.8       | 1.1       | 1.5        | 1.8        | 2.2       | 2.5        | 2.9       | 3.2        | 3.5        | 3.9       | 4.2       |
| Door overlay <b>A</b>               | 4         | 5         | 6          | 7          | 8         | 9          | 10        | 11         | 12         | 13        | 14        |
| Door thickness <b>TS</b>            |           |           |            |            |           |            |           |            |            |           |           |
| Min. reveal <b>F</b> / Gap <b>S</b> | F   S     | F   S     | F   S      | F   S      | F   S     | F   S      | F   S     | F   S      | F   S      | F   S     | F   S     |
| 12-20 mm                            | 1   1.5   | 1   1.5   | 1   1.5    | 1   1.5    | 1   1.5   | 1   1.5    | 1   1.5   | 1   1.5    | 1   1.5    | 1   1.5   | 1   1.5   |
| 22 mm                               | 1   1.5   | 1   1.5   | 1   1.5    | 1   1.5    | 1   1.5   | 1   1.5    | 1   1.5   | 1   1.5    | 1.5   1.5  | 1.7   1.5 | 4   1.5   |
| 24 mm                               | 1   1.5   | 1.2   1.5 | 1.3   1.5  | 1.5   1.5  | 1.7   1.5 | 2   1.5    | 2.4   1.5 | 3.3   1.5  | 8.3   1.5  | 7.7   1.5 | 6.9   1.5 |
| 26 mm                               | 2.2   1.5 | 2.4   1.5 | 2.7   1.5  | 3.1   1.5  | 3.6   1.5 | 4.7*   1.5 | 12*   1.5 | 11.8   1.5 | 10.9   1.5 | 9.9   1.5 | 8.9   1.5 |
| 28 mm                               | 3.9   1.5 | 4.3   1.5 | 5.1*   1.5 | 6.3*   1.5 | 16*   1.5 | 16*   1.5  | 15*   1.5 | 14*   1.5  | 13*   1.5  | 12*   1.5 | 11*   1.5 |

|                                     |           |           |           |           |           |           |           |           |         |         |         |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|
| Cup distance <b>TA</b>              | 14        | 15        | 16        | 17        | 18        | 19        | 20        | 21        | 22      | 23      | 24      |
| Door protrusion <b>TES</b>          | 4.6       | 4.9       | 5.3       | 5.6       | 5.9       | 6.3       | 6.6       | 7         | 7.3     | 7.6     | 8       |
| Door overlay <b>A</b>               | 15        | 16        | 17        | 18        | 19        | 20        | 21        | 22        | 23      | 24      | 25      |
| Door thickness <b>TS</b>            |           |           |           |           |           |           |           |           |         |         |         |
| Min. reveal <b>F</b> / Gap <b>S</b> | F   S     | F   S     | F   S     | F   S     | F   S     | F   S     | F   S     | F   S     | F   S   | F   S   | F   S   |
| 12-20 mm                            | 1   1.5   | 1   1.5   | 1   1.5   | 1   1.5   | 1   1.5   | 1   1.5   | 1   1.5   | 1   1.5   | 1   2   | 1   2   | 1   2   |
| 22 mm                               | 4   1.5   | 3.5   1.5 | 3   1.5   | 2.2   1.5 | 1.7   1.5 | 1.3   1.5 | 1   1.5   | 1   1.5   | 1   2   | 1   2   | 1   2   |
| 24 mm                               | 6   1.5   | 5.2   1.5 | 4.5   1.5 | 4   1.5   | 3.3   1.5 | 3   1.5   | 2.5   1.5 | 2.1   1.5 | 1.9   2 | 1.6   2 | 1.5   2 |
| 26 mm                               | 8   1.5   | 7.2   1.5 | 6.4   1.5 | 5.8   1.5 | 5.1   1.5 | 4.6   1.5 | 4.1   1.5 | 3.7   1.5 | 3.3   2 | 3   2   | 2.6   2 |
| 28 mm                               | 10*   1.5 | 9.2   1.5 | 8.4   1.5 | 7.6   1.5 | 6.9   1.5 | 6.4   1.5 | 5.8   1.5 | 5.3   1.5 | 4.9   2 | 4.5   2 | 4.2   2 |

\*Value achievable by using a 90° opening single reduction strip

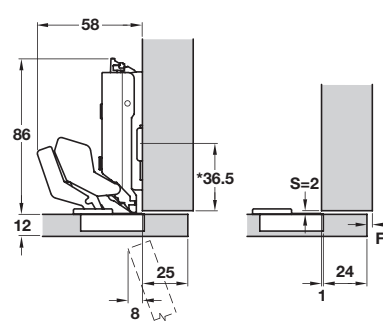
# Installation information

Mitred application -  
Circumferential and lateral 12 - 24 mm



Mounting plate height 3 mm  
\*Dimension for mounting plate  
for 37 mm hole spacing

Max. overlay

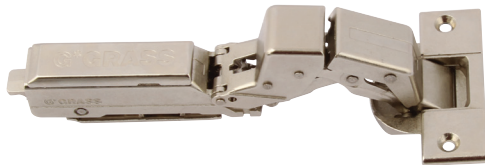


Mounting plate height 0 mm  
\*Dimension for mounting plate  
for 37 mm hole spacing

| Door thickness TS | Mitred application |          |
|-------------------|--------------------|----------|
|                   | circumferential    | lateral  |
|                   | R (min.)           | R (min.) |
| 12-17 mm          | 0                  | 0        |
| 18 mm             | 0.2                | 0        |
| 19 mm             | 1                  | 0.4      |
| 20 mm             | 1.5                | 1        |
| 21 mm             | 2.2                | 1.8      |
| 22 mm             | 3                  | 2.5      |
| 24 mm             | 4.3                | 4.1      |

With circumferential mitred application all  
sides 1.4 mm reveal

## Grass Tiomos M9



- > Order fixing screws separately
- > Order qty: 1 pc



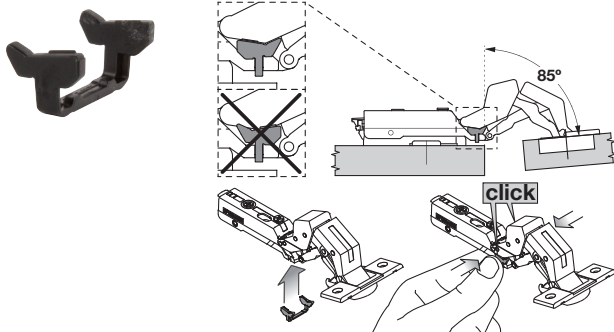
Tiomos Night anthracite finish -



Ordering information for Tiomos Tipmatic Plus  
and Tipmatic is shown on pages 9.74-75

| Version                   | Nickel-plated finish | Tiomos Night (anthracite) |
|---------------------------|----------------------|---------------------------|
| Integrated damper         | 348.30.840           | 348.43.806                |
| Without integrated damper | 348.30.640           | -                         |
| Tipmatic Plus             | 348.24.101           | -                         |
| Tipmatic                  | 348.30.440           | 348.31.835                |

## Grass Tiomos opening angle restraint



- > Prevents the door from butting against front panels or walls with corner mounting by reducing opening angle to 90°
- > For use with TIOMOS M9, M0 and Mirro 125° hinges
- > Black plastic
- > Order qty: 1 pc



| Opening angle | Cat. No.   |
|---------------|------------|
| 90°           | 348.40.012 |

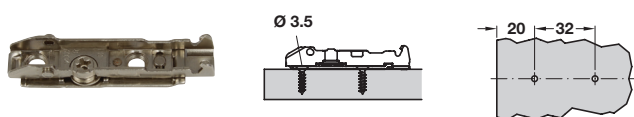
## YOU ALSO NEED:

 **MOUNTING PLATES**  
Pages 9.80-82

 **FIXING SCREWS**  
Pages 13.6-12

**OPTIONAL ACCESSORIES**  
Pages 9.87-88, 9.126-127

## Grass Tiomos inline mounting plate



- > For TIOMOS click on fixing hinges only
- > Varianta screw fixing
- > Two part plate with ± 2 mm height adjustment via worm screw
- > Nickel-plated steel
- > Order fixing screws separately
- > Order qty: 1 pc

**BEST  
SELLER**



| Height | Varianta screw |
|--------|----------------|
| 0 mm   | 348.38.501     |



A wider range of mounting plates  
are shown on pages 9.80-82

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23.10.24/1