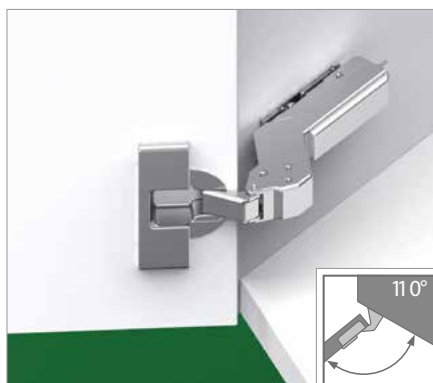


# TIOMOS 110/30E

## +30° angle corner cabinet hinge(inset)



- For 30° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

### ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

| Door overlay       |  | Damper |         | without spring | Art.-no.                     |  |                           |
|--------------------|--|--------|---------|----------------|------------------------------|--|---------------------------|
|                    |  | with   | without |                | Click-on<br>For screw fixing |  | Impresso<br>without tools |
| Inset <sup>1</sup> |  | ■      | -       | -              | F028 138530                  |  | F017 139336               |
|                    |  | -      | ■       | -              | F045 138468                  |  | F034 139307               |
|                    |  | -      | ■       | ■              | F046 138590                  |  | -                         |

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### COVER CAPS

|  | Designation                                                                                | Imprinted/Embossed | Art.-no.    |
|--|--------------------------------------------------------------------------------------------|--------------------|-------------|
|  | Hinge arm cover cap, steel, nickel-plated, not imprinted                                   | On request         | F072 135500 |
|  | Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint                            | GRASS logo         | F072 135550 |
|  | Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint                             |                    | F072 135551 |
|  | Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted | On request         | F072 140504 |
|  | Hinge cup cover cap, steel, nickel-plated, not imprinted                                   | -                  | F072 135503 |

### ACCESSORIES

|  | Designation                                       | Art.-no.    |  | Designation          | Art.-no.    |
|--|---------------------------------------------------|-------------|--|----------------------|-------------|
|  | Tipmatic Pin for wooden and aluminium frame doors | F069 135396 |  | Unclipping protector | F072 135807 |
|  | Countersunk wood screw<br>Ø 3.5 x 15 mm           | F146 073976 |  |                      |             |

|                        |     |
|------------------------|-----|
| Tiomos mounting plates | 102 |
| Accessories            | 112 |

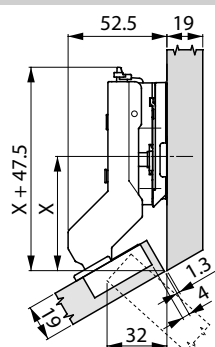
|                       |     |
|-----------------------|-----|
| Tipmatic              | 302 |
| Technical information | 116 |

|               |     |
|---------------|-----|
| Assembly aids | 354 |
|               |     |

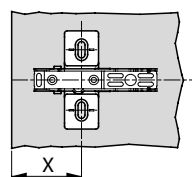
## INSTALLATION INFORMATION

All dimensions in millimetres

Inset



Mounting plate height 9

[illegible]

### Cross mounting plates with fixing distance 37

|    | Cup distance                      |      |      |      |      |  |
|----|-----------------------------------|------|------|------|------|--|
|    | 3                                 | 4    | 5    | 6    | 7    |  |
| 22 | 63.5                              |      |      | 61.5 |      |  |
| 21 | 62.5                              |      |      |      |      |  |
| 20 |                                   | 61.5 |      |      | 60.0 |  |
| 19 |                                   | 61.0 | 60.0 |      |      |  |
| 18 |                                   | 59.0 | 59.0 |      |      |  |
| 17 |                                   |      |      | 58.0 |      |  |
| 16 |                                   |      | 57.5 |      | 56.5 |  |
| 15 | 57.5                              |      |      |      | 55.5 |  |
|    | Cross mounting plate position (X) |      |      |      |      |  |

## MINIMUM REVEAL

|                |      | Cup distance       |     |     |     |     |  |
|----------------|------|--------------------|-----|-----|-----|-----|--|
|                |      | 3                  | 4   | 5   | 6   | 7   |  |
| Door thickness | 24.0 | 2.4                | 2.1 | 2.1 | 2.1 | 2.0 |  |
|                | 22.0 | 1.6                | 1.6 | 1.6 | 1.5 | 1.5 |  |
|                | 21.0 | 1.4                | 1.3 | 1.3 | 1.3 | 1.3 |  |
|                | 20.0 | 1.1                | 1.1 | 1.1 | 1.1 | 1.1 |  |
|                | 19.0 | 0.9                | 0.9 | 0.9 | 0.9 | 0.9 |  |
|                | 18.0 | 0.7                | 0.7 | 0.7 | 0.7 | 0.7 |  |
|                | 17.0 | 0.6                | 0.6 | 0.6 | 0.6 | 0.6 |  |
|                | 16.0 | 0.6                | 0.6 | 0.6 | 0.6 | 0.6 |  |
|                | 15.0 | 0.6                | 0.6 | 0.6 | 0.6 | 0.6 |  |
|                |      | Minimum reveal (F) |     |     |     |     |  |

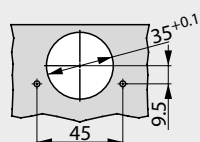
## NOTES

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

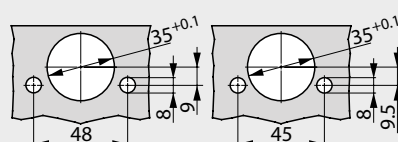
For door thicknesses of 24 mm and above, a trial fitting is recommended.

## DRILLING PATTERNS 45/9.5

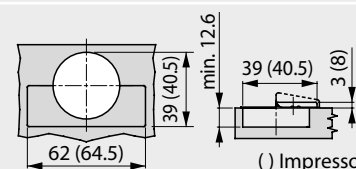
For screw fixing



### Combination drilling pattern for Impresso



## CUP DIMENSIONS



# TIOMOS 110/30E

## +30° angle corner cabinet hinge(inset)

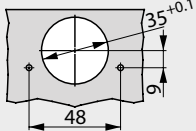
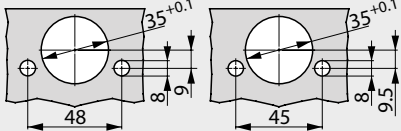
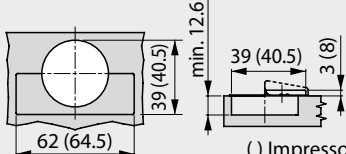
### ORDER INFORMATION FOR DRILLING PATTERN 48/9

| Door overlay       |                                                                                   |  | Damper |         | without spring | Art.-no.                     |  |                           |
|--------------------|-----------------------------------------------------------------------------------|--|--------|---------|----------------|------------------------------|--|---------------------------|
|                    |                                                                                   |  | with   | without |                | Click-on<br>For screw fixing |  | Impresso<br>without tools |
| Inset <sup>1</sup> |  |  | ■      | -       | -              | F028 138104                  |  | F017 139336               |
|                    |                                                                                   |  | -      | ■       | -              | F045 138011                  |  | F034 139307               |
|                    |                                                                                   |  | -      | ■       | ■              | F046 138195                  |  | -                         |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### DRILLING PATTERNS 48/9

### CUP DIMENSIONS

|                                                                                    |  |                                                                                    |                                                                                      |
|------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| For screw fixing                                                                   |  | Combination drilling pattern for Impresso                                          |                                                                                      |
|  |  |  |  |

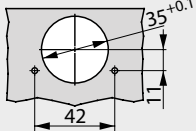
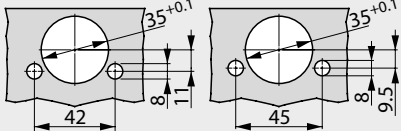
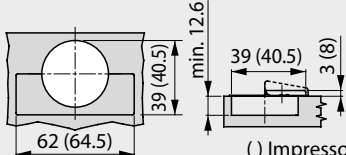
### ORDER INFORMATION FOR DRILLING PATTERN 42/11

| Door overlay       |                                                                                     |  | Damper |         | without spring | Art.-no.                     |  |                           |
|--------------------|-------------------------------------------------------------------------------------|--|--------|---------|----------------|------------------------------|--|---------------------------|
|                    |                                                                                     |  | with   | without |                | Click-on<br>For screw fixing |  | Impresso<br>without tools |
| Inset <sup>1</sup> |  |  | ■      | -       | -              | F028 138348                  |  | F017 139421               |
|                    |                                                                                     |  | -      | ■       | -              | F045 138286                  |  | F034 139392               |
|                    |                                                                                     |  | -      | ■       | ■              | F046 138408                  |  | -                         |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

### DRILLING PATTERNS 42/11

### CUP DIMENSIONS

|                                                                                     |  |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| For screw fixing                                                                    |  | Combination drilling pattern for Impresso                                           |                                                                                       |
|  |  |  |  |

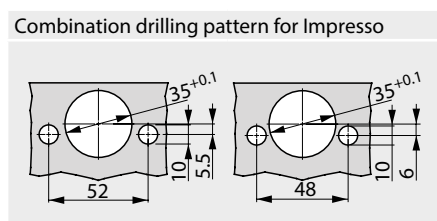
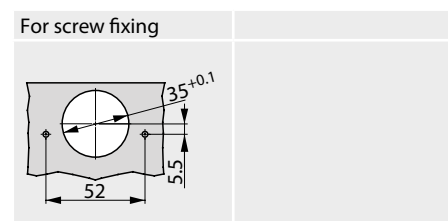
|                        |     |                       |     |               |     |
|------------------------|-----|-----------------------|-----|---------------|-----|
| Tiomos mounting plates | 102 | Tipmatic              | 302 | Assembly aids | 354 |
| Accessories            | 112 | Technical information | 116 |               |     |

## ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

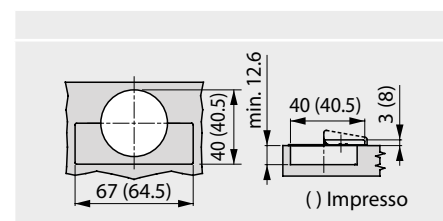
| Door overlay       |                                                                                   |  | Damper |         | without spring | Art.-no.                     |  |                           |
|--------------------|-----------------------------------------------------------------------------------|--|--------|---------|----------------|------------------------------|--|---------------------------|
|                    |                                                                                   |  | with   | without |                | Click-on<br>For screw fixing |  | Impresso<br>without tools |
| Inset <sup>1</sup> |  |  | ■      | -       | -              | F028 138712                  |  | F017 139506               |
|                    |                                                                                   |  | -      | ■       | -              | F045 138650                  |  | F034 139477               |
|                    |                                                                                   |  | -      | ■       | ■              | F046 138772                  |  | -                         |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |
|                    |                                                                                   |  |        |         |                |                              |  |                           |

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 52/5.5



## CUP DIMENSIONS

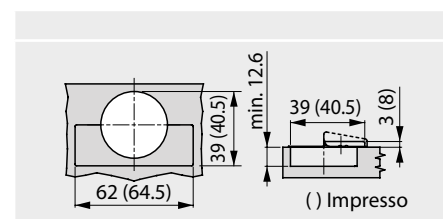
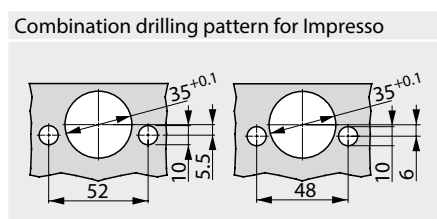
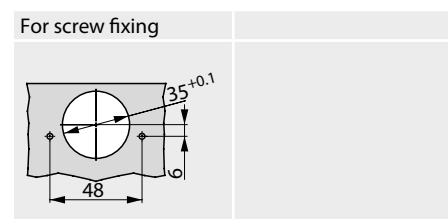


## ORDER INFORMATION FOR DRILLING PATTERN 48/6

| Door overlay       |                                                                                     |  | Damper |         | without spring | Art.-no.                     |  |                           |
|--------------------|-------------------------------------------------------------------------------------|--|--------|---------|----------------|------------------------------|--|---------------------------|
|                    |                                                                                     |  | with   | without |                | Click-on<br>For screw fixing |  | Impresso<br>without tools |
| Inset <sup>1</sup> |  |  | ■      | -       | -              | F028 138894                  |  | F017 139506               |
|                    |                                                                                     |  | -      | ■       | -              | F045 138832                  |  | F034 139477               |
|                    |                                                                                     |  | -      | ■       | ■              | F046 138954                  |  | -                         |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |
|                    |                                                                                     |  |        |         |                |                              |  |                           |

<sup>1</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

## DRILLING PATTERNS 48/6



|                        |     |                       |     |               |     |
|------------------------|-----|-----------------------|-----|---------------|-----|
| Tiomos mounting plates | 102 | Tipmatic              | 302 | Assembly aids | 354 |
| Accessories            | 112 | Technical information | 116 |               |     |