## 107° hinge

| | Web code – click on the code or enter it in the Product Configurator | DQDFZY |
|---|---|---|

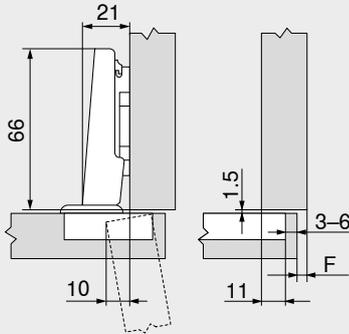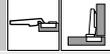### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**
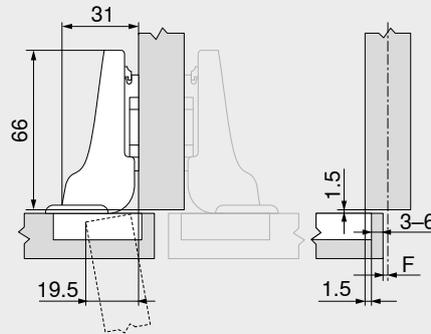Hinge and front protrusion at full opening angle
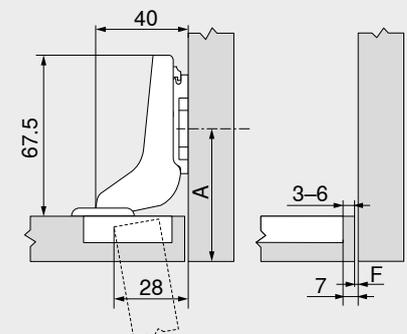
| Overlay application | Dual application | Inset application |
|---|---|---|



**Overlay application** — 21, 66, 1.5, 3–6, 10, 11, F

F — Gap

**Dual application** — 31, 66, 1.5, 3–6, 19.5, 1.5, F

**Inset application** — 40, 67.5, A, 3–6, 28, 7, F
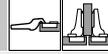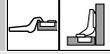
A — Move back fixing position of mounting plate by front thickness FD + 1.5 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |

MD — Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –4.5 | –3.5 | –2.5 | –1.5 | –0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |

MD — Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | –7 | –6 | –5 | –4 | –3 | –2 | –1 |
| 0 | | | | 3 | 4 | 5 | 6 |
| 3 | 3 | 4 | 5 | 6 | | | |
| 6 | | | | | | | |
| 9 | | | | | | | |

MD — Mounting plate spacing (mm)

### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

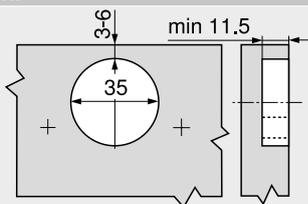| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 24 | 26 | 28 | 30 | 32 |
| 3 | 0.4 | 0.5 | 1.0 | 1.3 | 1.6 | 2.1 | 2.7 | 4.3 | △ | △ | △ | △ |
| 4 | 0.4 | 0.5 | 0.9 | 1.2 | 1.5 | 2.0 | 2.5 | 3.9 | △ | △ | △ | △ |
| 5 | 0.3 | 0.5 | 0.9 | 1.2 | 1.4 | 1.8 | 2.3 | 3.6 | △ | △ | △ | △ |
| 6 | 0.3 | 0.5 | 0.8 | 1.1 | 1.4 | 1.7 | 2.2 | 3.3 | △ | △ | △ | △ |
| Additional for +2 mm side adjustment | +0.1 | +0.1 | +0.2 | +0.2 | +0.3 | +0.3 | +0.3 | +0.3 | | | | |

△ — In these cases a trial is recommended

### Adjustment



Max. ±3.0 mm
See mounting plates

±2.0 mm

+3.0 mm
−2.0 mm

### Screw-on



3–6, min 11.5, 35

### INSERTA | knock-in



3–6, min 11.5 (12), 9.5, 35 $^{+0.2}_{0}$, 8$^{+0.1}$, 45

( ) INSERTA

### Hinge boss dimensions



B 57, T 57 (65), B 3.2, T 3.2 (7), B 37.5, T 37 (40.5)
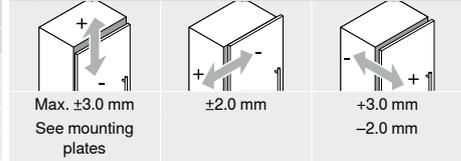
( ) INSERTA
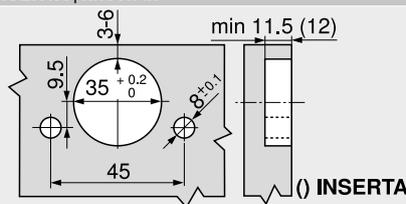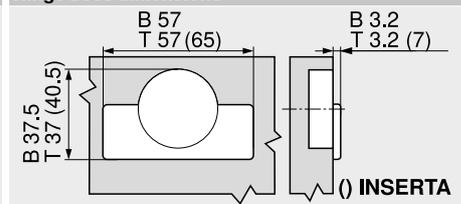
B — CLIP top BLUMOTION
T — CLIP top

**Assembly, removal and adjustment**

**Short URL**
www.blum.com/a210