

Glidex-Sys™ 105° Concealed Hinge with Adjustable Damper

Engineering model **GSA105**. A Glidex-Sys™ concealed hinge for standard wood doors that adds fine damping adjustment and a soft-close deactivation switch to four-stage fluid control and tool-free Clip-Quick™ mounting.

105° OPENING ANGLE	16–25 mm DOOR THICKNESS	Ø35 mm CUP DIAMETER	12.5 mm CUP DEPTH	K 3–7 mm CUP DISTANCE
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Glidex-Sys™ fluid control

Cushioned opening, free-stop hold 45–105°, dual-valve damped close and small-angle soft-close below 10°.

Adjustable damping · on/off switch

Fine-tune the closing response; deactivate or reactivate soft-close to suit the door.

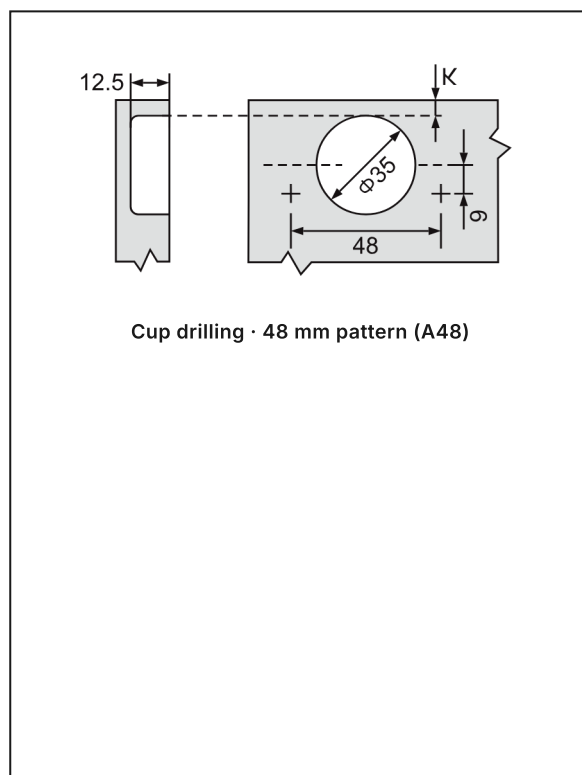
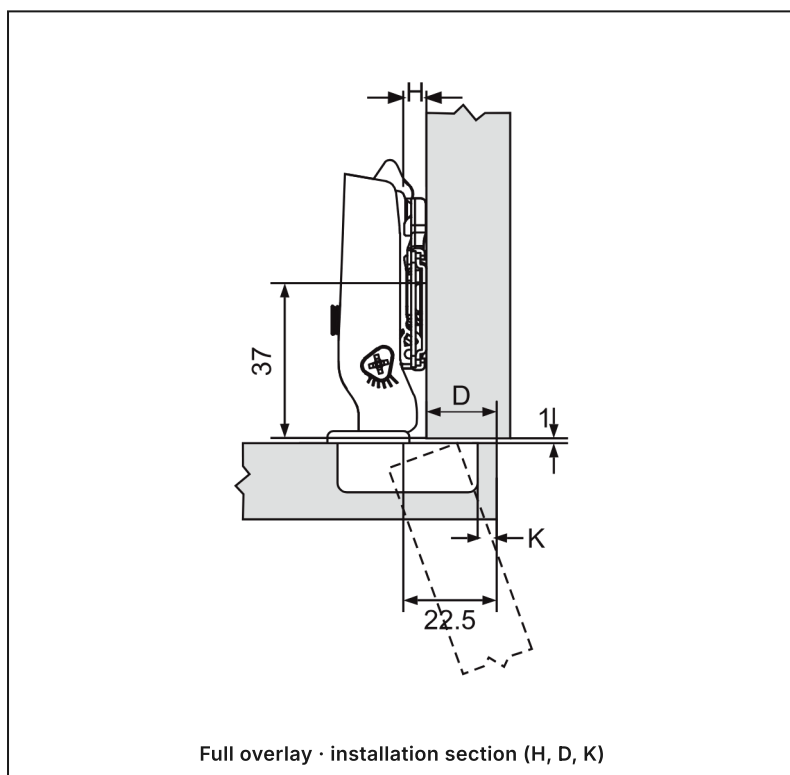
Clip-Quick™ connection

Align, press until it clicks, release with the finger lever. No tools.

SELECTION

Application	Full overlay	Half overlay	Inset
Selection No.	105GAF	105GAH	105GAI

Cup drilling (door preparation, not an overlay type): **A45** = 45 mm fixing-hole spacing, 9.5 mm offset · **A48** = 48 mm, 6 mm · **A52** = 52 mm, 5.5 mm.
Selection No. + drilling code = hinge body order no., e.g. **105GAF45** · **105GAH48** · **105GAI52**.



SPECIFICATION

Material	Steel	Surface	Nickel plated
Function	Glidex-Sys™ · adjustable damping · soft-close deactivation switch · Clip-Quick™	Overlay	Full · Half · Inset
Cup drilling	Ø35 × 12.5 mm · K 3–7 mm · patterns A45 / A48 / A52	Adjustment	Height ±2 mm · overlay ±3 mm · door gap ±3 mm
Mounting	Separate plate, cruciform or in-line	Hold range	Free-stop hold 45–105°

REQUIRED OVERLAY D (MM) · FULL OVERLAY 105GAF · $H = 12 + K - D$

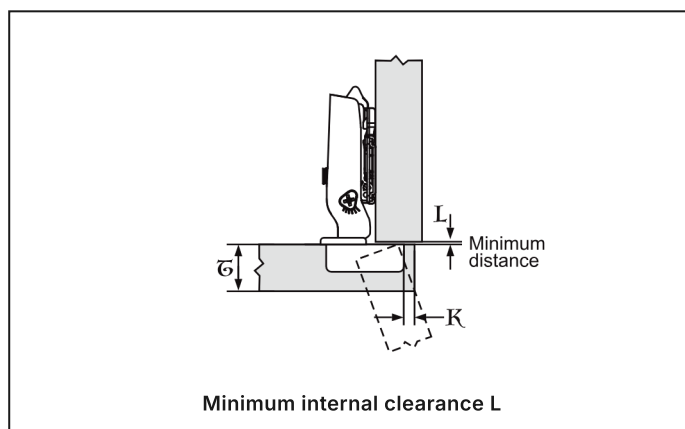
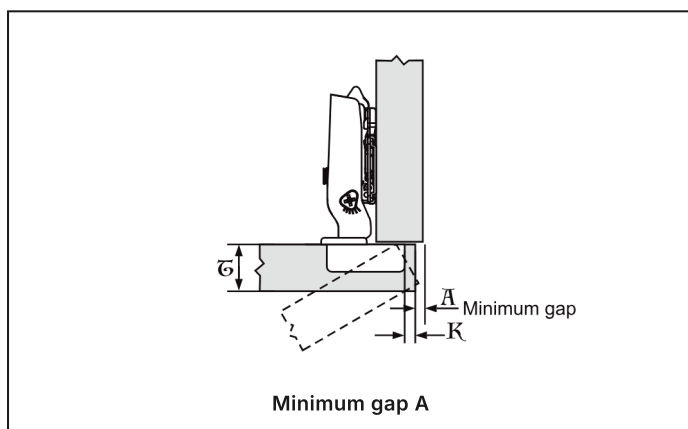
H ↓ / K →	3	4	5	6	7
0	15	16	17	18	19
2	13	14	15	16	17

REQUIRED OVERLAY D (MM) · HALF OVERLAY 105GAH · $H = 3 + K - D$

H ↓ / K →	3	4	5	6	7
0	6	7	8	9	10
2	4	5	6	7	8

REQUIRED REVEAL A (MM) · INSET 105GAI · $H = -7 + K + A$

H ↓ / K →	3	4	5	6	7
0	4	3	2	1	0
2	6	5	4	3	2



MINIMUM GAP A (MM) · K ↓ / T →

	15	16	17	18	19	20	21	22	23	24	25
3	0.5	0.7	0.9	1.1	1.4	1.5	1.7	2.0	2.2	2.6	3.3
4	0.5	0.7	0.9	1.1	1.2	1.3	1.7	1.9	2.1	2.5	3.0
5	0.4	0.6	0.8	1.0	1.2	1.3	1.6	1.8	2.0	2.3	2.7
6	0.4	0.5	0.7	0.9	1.1	1.2	1.5	1.8	2.0	2.3	2.6

MINIMUM INTERNAL CLEARANCE L (MM) · K ↓ / T →

	15	16	17	18	19	20	21	22	23	24	25
3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.2
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.4	1.6

COMPATIBLE COMPONENTS

Mounting plates	L2D00-B1P · C2D00-B1P · C2N00-B1P · C2D00-E1P · C2N00-C1P · C4N00-C1P · C2D00-F1P (all H0)
Covers	Cup cover 01C · arm cover full / half overlay 05A or 07A · inset 06A or 08A
Fixings	Chipboard screw K4X16 · Euro screws ES-6.3×10 / 6.3×13 / 6.3×14 · M8 / M10 dowels and S32 bridge dowels per panel type
Accessories	90° restrictor XW-90-A · drilling template KA02

Use only the listed K / T combinations; for other values or plate heights, request application verification. Values apply to doors with a 1 mm edge radius. Cycle performance verified to EN 15570 (see catalogue). Catalogue pp. 12–13; installation and adjustment in the TERQ Technical Manual. Installation drawings: TERQ_Installation_Drawings_GSA105_v2026.1.zip.