

Glidex-Sys™ 100° Signature Concealed Hinge

Engineering model **SD100**. A distinctive 100° concealed hinge for standard wood doors, with damping built into the cup, a dedicated 32 mm in-line plate included, and five coordinated Signature Finishes.

100° OPENING ANGLE	18–30 mm DOOR THICKNESS	Ø35 mm CUP DIAMETER	14 mm CUP DEPTH	K 3–7 mm CUP DISTANCE
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Glidex-Sys™ fluid control

Cushioned opening, free-stop hold 45–100°, dual-valve damped close and small-angle soft-close below 10°.

In-cup damper · on/off switch

The damper sits inside the 14 mm cup; a cup-integrated switch turns soft-close off or on.

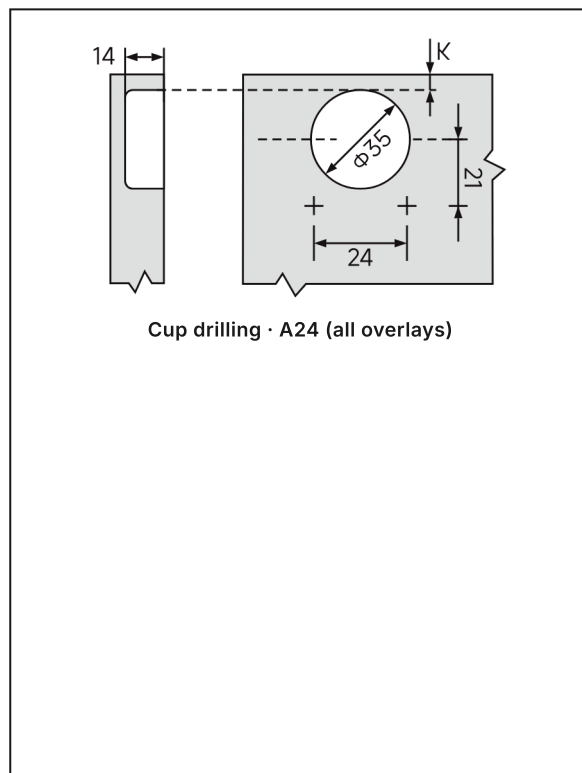
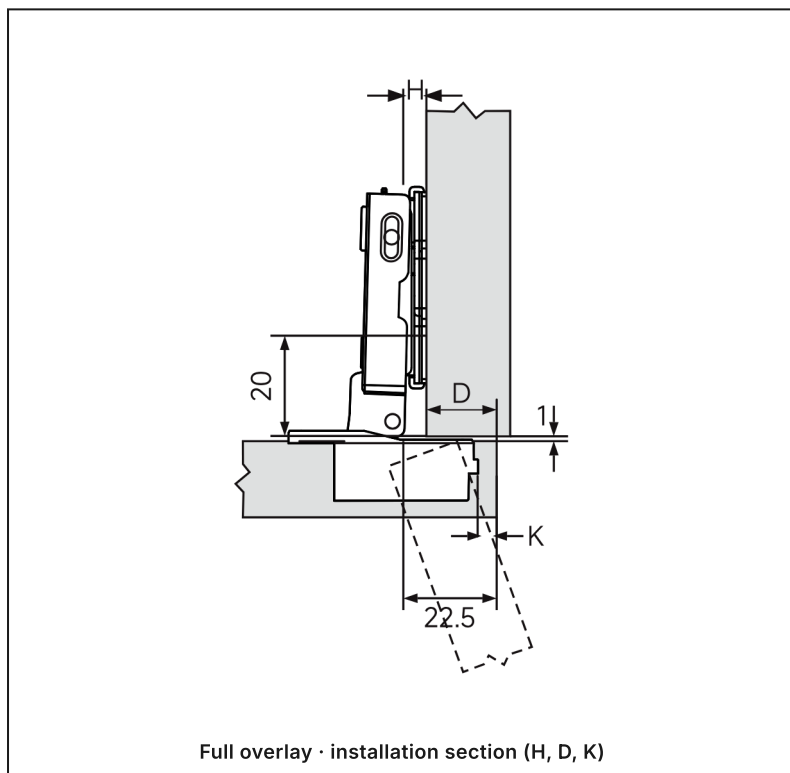
Clip-Quick™ on a dedicated plate

Clicks onto its own 32 mm in-line plate, included with the hinge; one finger releases it.

SELECTION

Application	Full overlay	Half overlay	Inset
Selection No.	100SDF	100SDH	100SDI

Cup drilling **A24** (24 mm cup-hole distance) is one fixed specification for every overlay. Selection No. + 24 = hinge body order no., e.g. **100SDF24** · **100SDH24** · **100SDI24**.



SPECIFICATION

Material	Steel / Alloy / Black	Finish	Covers in five Signature Finishes 88S1–88S5
Function	Glidex-Sys™ · in-cup damper · deactivation switch · Clip-Quick™	Overlay	Full · Half · Inset
Cup drilling	Ø35 × 14 mm · K 3–7 mm · A24 fixed	Adjustment	Height ±2 mm · overlay ±3 mm · door gap ±2.8 mm
Mounting	Dedicated 32 mm in-line plate, included	Hold range	Free-stop hold 45–100°

REQUIRED OVERLAY D (MM) · FULL OVERLAY 100SDF · $H = 12 + K - D$

H ↓ / K →	3	4	5	6	7
0	15	16	17	18	19

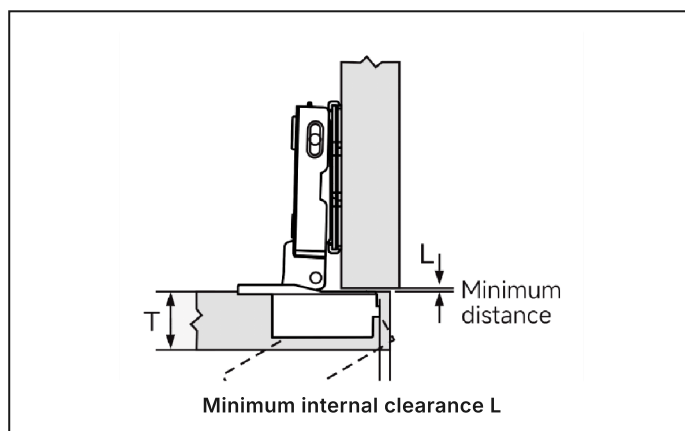
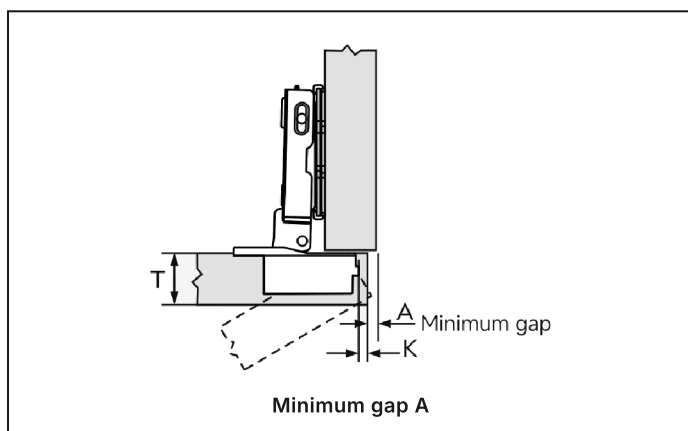
REQUIRED OVERLAY D (MM) · HALF OVERLAY 100SDH · $H = 2 + K - D$

H ↓ / K →	3	4	5	6	7
0	5	6	7	8	9

REQUIRED REVEAL A (MM) · INSET 100SDI · $H = -6.5 + K + A$

H ↓ / K →	3	4	5	6	7
0	3.5	2.5	1.5	0.5	—

— = value not supplied, not zero.



MINIMUM GAP A (MM) · K ↓ / T →

	18	19	20	21	22	23	24	25	26	27	28	29	30
3	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.5	2.3	3.2	4.2	5.0
4	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.4	1.7	2.4	3.3	4.3
5	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.9	2.8	3.8
6	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.5	3.2

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

	18	19	20	21	22	23	24	25	26	27	28	29	30
3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

COMPATIBLE COMPONENTS

Mounting plates	Dedicated 32 mm in-line plate, included with the hinge (not shared with other models)
Covers	One Signature Finish kit per hinge: Black 88S1 · White 88S2 · Gold 88S3 · Grey 88S4 · Brown 88S5
Fixings	M8 / M10 dowels · chipboard screw K4X16 · Euro countersunk screw ES-6.3×14
Accessories	No restrictor offered · drilling template KA02 not applicable (A24)

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. 16–18; installation and adjustment in the TERQ Technical Manual. Installation drawings: TERQ_Installation_Drawings_SD100_v2026.1.zip.