

105° Small-overlay Face-frame Concealed Hinge with Soft-close Deactivation Switch

Engineering model **FFS105**. A one-piece face-frame hinge for small-overlay applications, combining an integrated mini damper, a soft-close deactivation switch and three-axis adjustment.

105° OPENING ANGLE	14–26 mm DOOR THICKNESS	Ø35 mm CUP DIAMETER	11.5 mm CUP DEPTH	K 2.5–3 mm CUP DISTANCE
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Integrated mini damper

A compact damper in the hinge cup for controlled soft-close action.

Soft-close deactivation switch

Switch soft-close off or on to suit the door.

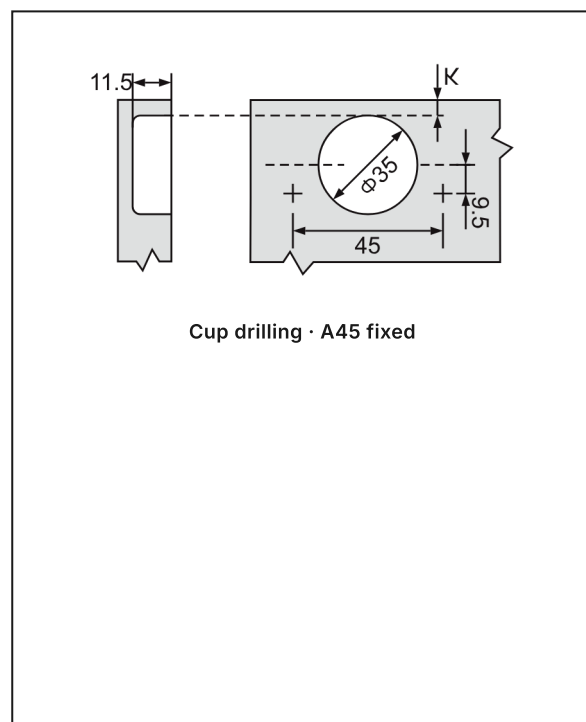
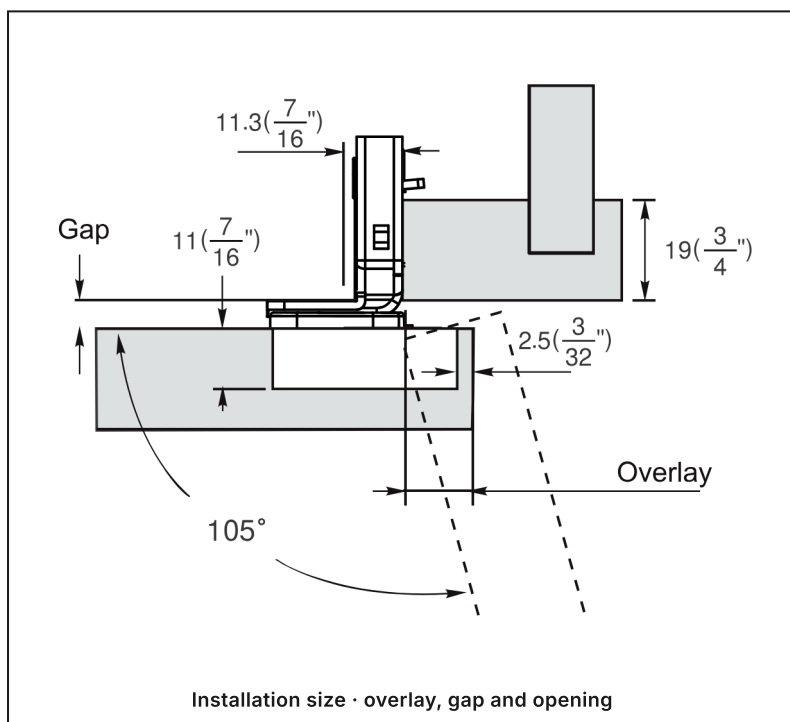
One-piece face-frame construction

Hinge and cabinet-side structure form one assembly; no separate plate.

SELECTION

Overlay (in)	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
Overlay (mm)	9.5	11.1	12.7	14.3	15.8	19	22.2	25.4
Order no.	105FS095	105FS111	105FS127	105FS143	105FS158	105FS190	105FS222	105FS254

Cup drilling **A45 fixed** (45 mm fixing-hole spacing, 9.5 mm offset). The selected overlay size is the hinge body order no.; no drilling suffix is added.



SPECIFICATION

Material	Steel	Surface	Nickel plated
Function	Mini damper · soft-close deactivation switch · three-axis adjustment	Overlay	Overlay sizes per selection (face frame)
Cup drilling	Ø35 × 11.5 mm · K 2.5–3 mm · A45 fixed	Adjustment	Height ±2 mm · overlay per selection (p. 2) · door gap ±2 mm
Mounting	One-piece face-frame; no separate plate	Door range	14–26 mm door thickness

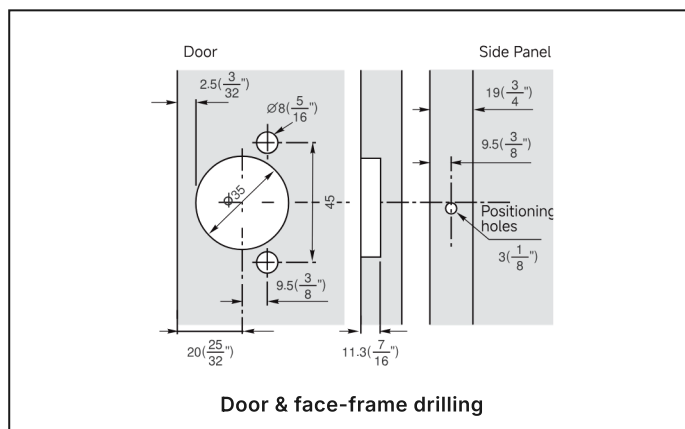
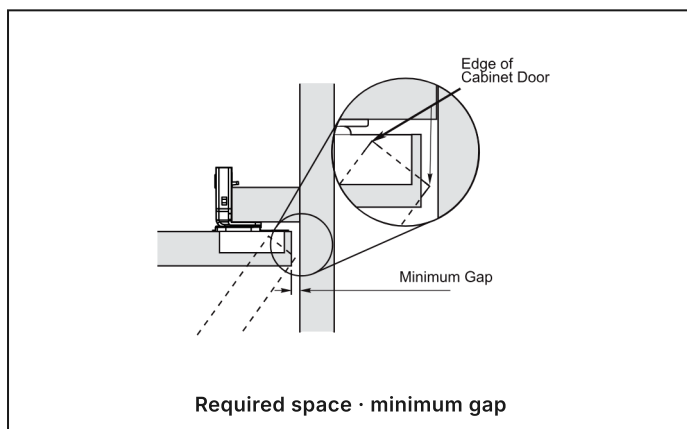
OVERLAY SELECTION & ADJUSTMENT

Order no.	Nominal overlay	Overlay adjustment
105FS095	9.5 mm · 3/8 in	0 / +2.5 mm
105FS111	11.1 mm · 7/16 in	-0.7 / +1.8 mm
105FS127	12.7 mm · 1/2 in	-0.7 / +1.8 mm
105FS143	14.3 mm · 9/16 in	-0.7 / +1.8 mm
105FS158	15.8 mm · 5/8 in	-0.7 / +1.8 mm
105FS190	19 mm · 3/4 in	-0.7 / +1.8 mm
105FS222	22.2 mm · 7/8 in	-0.7 / +1.8 mm
105FS254	25.4 mm · 1 in	-0.7 / +1.8 mm

9.5 mm selection: 0 / +2.5 mm (achievable 9.5–12 mm). 11.1–25.4 mm selections: -0.7 / +1.8 mm from nominal.

INSTALLATION REFERENCE

Factory-set door gap	5 mm (3/16 in)	Minimum opening gap	7 mm (9/32 in) at 19 mm (3/4 in) door, right-angled edges
Door thickness	14–26 mm	Cup	Ø35 × 11.5 mm · K 2.5–3 mm · A45



COMPATIBLE COMPONENTS

Mounting plates	Integral to the hinge; no separate plate
Covers	No separate cover set
Fixings	M8 square dowel M8-D · M10 round dowel M10-O · chipboard screw K4X16
Accessories	US-style 90° restrictor XW-90-C · drilling template KA02

Cycle performance verified to ANSI/KCMA (see catalogue). Catalogue pp. 27–28; installation and adjustment in the TERQ Technical Manual. Installation drawings: TERQ_Installation_Drawings_FFS105_v2026.1.zip.