

Mounting instructions

HI-SPECIFICATION
LOCK-TECH[®]
ARCHITECTURAL HARDWARE

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Free-Swing arm:

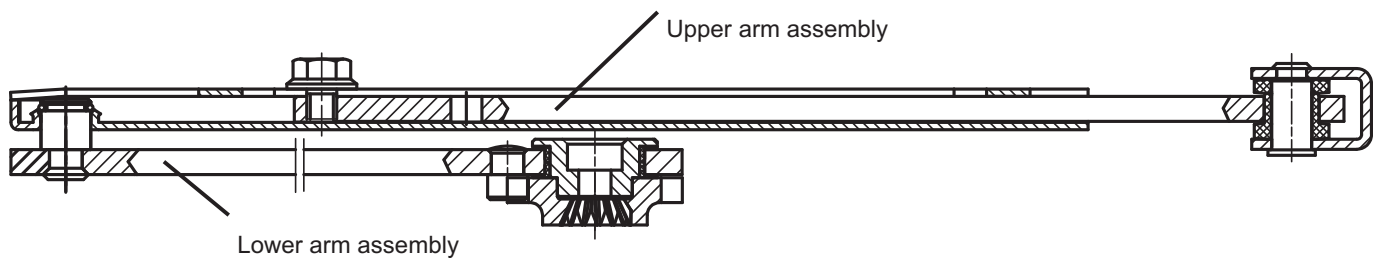
TS 4000 EFS: TS 4000 E with
Free-Swing arm

TS 4000 RFS: TS 4000 R with
Free-Swing arm

The door Glaser must be installed by a
trained engineer/fitter.

Country-specific regulations are to be
observed when using on fire seals and
smoke protection seals.

In Germany the »Free Swing « linkage is
not approved for use on the fixed leaf of
double-leaf fire-proof doors.



Range of application

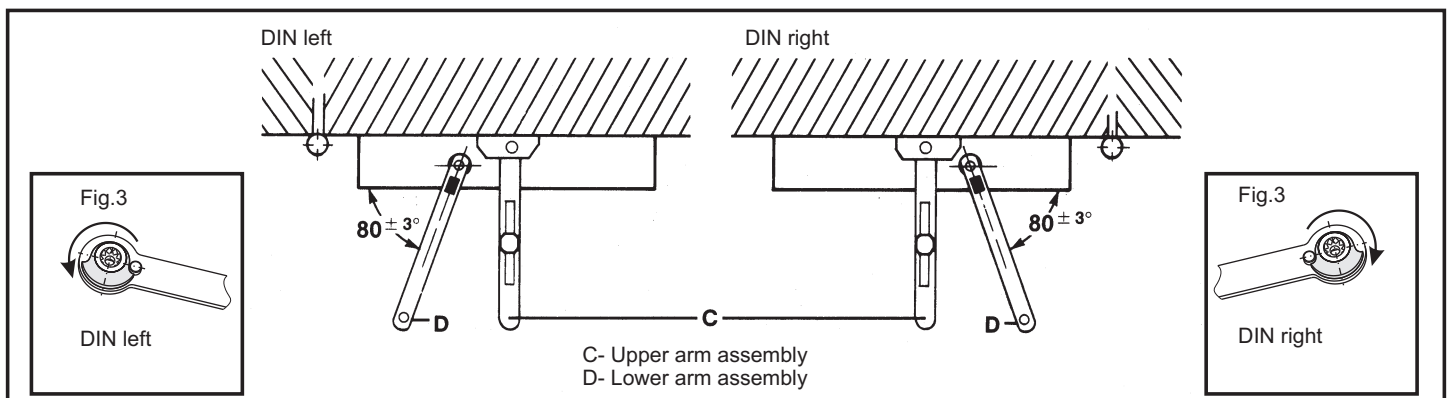
For doors which are needing a free-swing
function. The doors are fitted with the door
closer TS 4000 E or TS 4000 R.

Installation of lower arm assembly

Turn driver plate in accordance with Fig. 3
into the correct position.

The lower arm assembly is premounted.
It has to be set on the closer-axle-tooth-
ing, so that the lower arm assembly is
looking with one toothing-part on pivot-
side direction. The lever stands than
above the black field of the sticker on the
door closer. For fastening the lower arm
assembly screw tightly connection
screw (14 Nm).

The arrow on the lower arm assembly is
showing by right mounting at pivot-side
direction.



**Adjustment of the upper part assembly**

Like for a normal arm.

Final siam adjustment

Like for a normal arm.

Adjustment of the free-swing function

After arm assembly set the door closer in hold-open position, the door being opened at a 80° opening angle. Through slight pulling the hold-open function in free-swing arm can be removed, the hold-open function of the door closer being maintained. The door can then move in free running in the hold-open angle area.

The free running function can be removed by switching off the holdopen of the door closer axle. The free swing arm is working then like a normal arm.

Check smooth opening and closing of the door.

Acceptance Test

After installation of the equipment on-site ready for operation, an acceptance test must be carried out to make certain that the system is functioning properly and that it has been installed according to the requirements. The acceptance test may only be carried out by GEZE or GEZE authorised technicians, or by an authorised official test laboratory. If used on fire check doors or smoke check doors in the Federal Republic of Germany, the product must be provided with an acceptance test plate after completion of the acceptance test.

Maintenance, care, repairs

Regular maintenance is necessary (user information). It must be performed by an expert company. The installer must draw the user's attention to this fact.

Repairs or maintenance only to be carried out by GEZE or their approved installers.

The installer must hand the mounting instruction and the user information (enclosed slip) over to the system operator.