



Installation guide for transom closer to wooden doors and frames

The RTS 85 is a double acting door closer which can be installed in a wooden transom which must have the minimum dimensions of (12 mm wide by 75 mm high). The door which operates must be a minimum of 45 mm thick and have top and bottom rails of 60 mm depth. For the best installations it is preferable that the preparation of the door and frame is done at the factory. The recommended installation for wooden doors and frames is the standard end-load with Art.-No. 8534 closer arm and channel and Art.-No. 8552 bottom pivot. It is also suitable for single action butt hung doors using Art.-No. 8510 slide arm and channel assembly.

Preparation of frame

A) Transom

Rout out centrally 350 mm long from frame end x 102 mm wide x 40 mm deep. Rebate 4 mm deep upto 400 mm to accommodate cover plate as a flush fixing.

B) Vertical Jamb

Attach closer mounting bracket to vertical jamb using 3 x 25 mm long Csk Hd. chipboard screws.

C) Cover Plate

Aluminium cover plate is fitted direct to closer body using M4 screws at spindle end and to wooden transom at opposite end using 2 x Csk Hd. chipboard screws.

Installation of closer

Attach angle bracket to closer. Loosely screw in metal thread screws to spindle side of closer. Fit closer into mounting bracket and tighten up screws to finger tightness. Attach bracket to wood frame using 25 mm round head chipboard screws. Check closer for central alignment in transom and tighten down all fixing screws. Fit cover plate.

Preparation of doors

Rout a channel centrally in head of door. Channel to be 300 mm long x 38 mm wide x 22 mm deep.

Rout a channel centrally in bottom of door. Channel to be 160 mm long x 36 mm wide x 19 mm deep.

Fitting of accessories

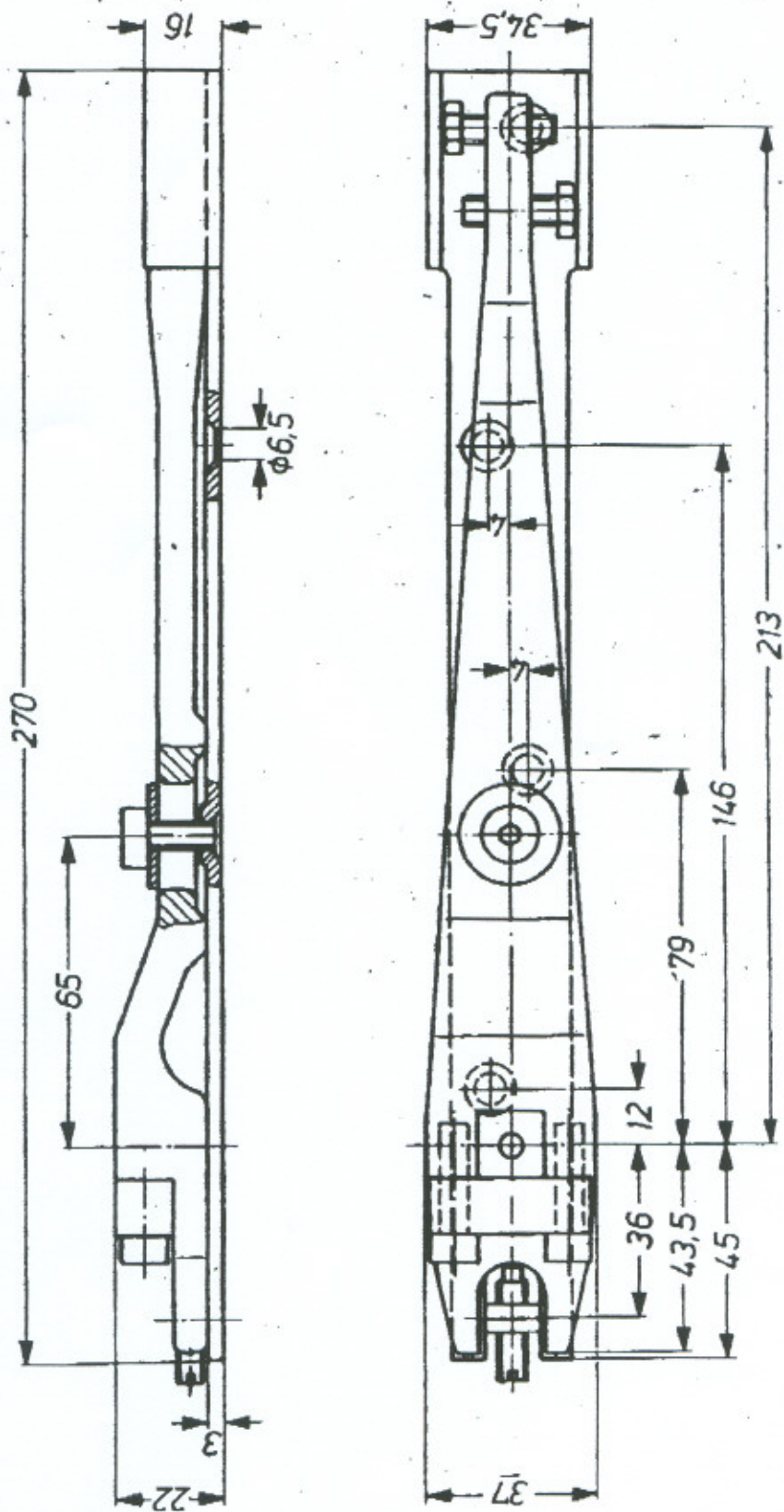
Install arm channel using 35 mm long Csk hd. chipboard screws. Install door portion of bottom pivot using 35 mm long round head chipboard screws. Place closer arm, with adjusting bolts already in place, into arm channel. Insert socket screw loosely. Use lateral adjustment screw to set proper pivot point of door (i.e. 70 mm from side frame). Then secure arm by tightening socket screw.

Prepare floor to receive floor portion of pivot and fasten securely to floor.

If transom closer is hold-open type, use adjustable spanner on closer spindle to wrench it round to hold-open point. If transom closer is non-hold-open type, first screw in both control valves as far as possible (clockwise), then wrench spindle round through 90°. (Spindle will move towards closed position, but extremely slowly).

Position the door at approx 90° to the frame opening, and slide door onto bottom pivot, engaging the spindle in the drive arm at the same time. Wedge door in position and fit clamping block onto drive arm securely.

Adjust speed control valves to suit door situation.



Aut. Nr. 8534

