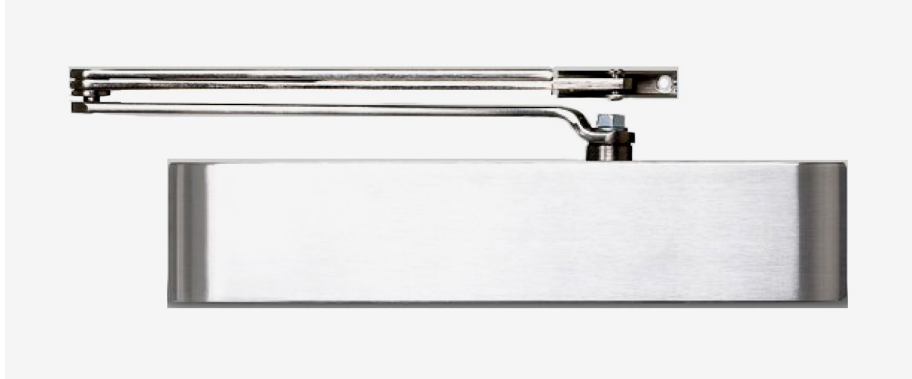


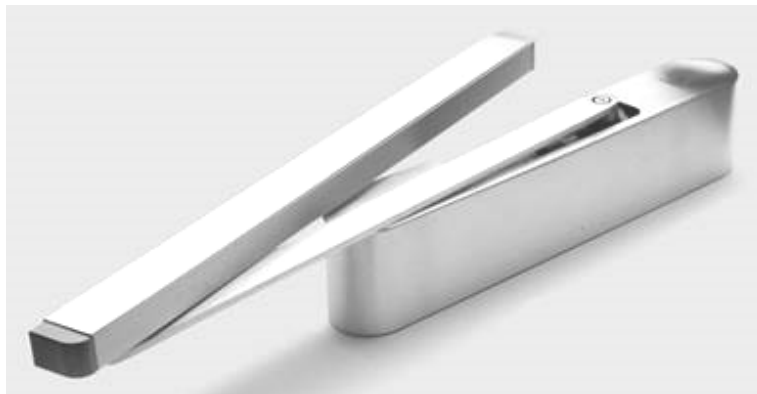
IZERWAREN DOORCLOSER PROGRAM



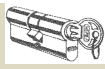
#35.2390 Hydraulic door closer for medium size doors; - Force 2-6
Finish: Satin Stainless Steel or Polished Stainless Steel



#35.083H Hydraulic door closer for fire rated full size doors; - Force 7
Finish: Satin Stainless Steel or Polished Stainless Steel cover with STEEL arm and bracket



#35.2854 Hydraulic door closer with sliding arm - Force 2-4
Finish: Satin Stainless Steel or Polished Stainless Steel Interior Grade, steel parts.



#35.2390 Door closer set; with adjustable arm & brackets



#35.2390 Door closer set; with adjustable arm & brackets



#35.2390B Door closer body force 2-6



#35.283A Door closer cover



#35.283C Door closer arm; 2 pieces.



#35.273
Parallel Bracket



#35.271
Angle Bracket

- For medium duty applications.
- with hold open feature; position adjustable
- 316 Stainless steel door closer cover, arm, bracket
- Body aluminum, coated
- Non-handed
- adjustable closing speed for force 2-6 set
- even speed control under varying temperatures
- leak-proof construction
- adjustable latch action for force 2-6 set
- adjustable angle of opening between 70-180 degrees
- Finish: Satin or Mirror polished stainless steel cover, arm, bracket

#35.2390.508 Door closer set with stainless steel cover, arm, bracket

#35.2390.308 Polished stainless steel finish arm, cover & bracket

Set: door closer body TS83, cover, arm, brackets and screws.

Power size: EN 2/6 Force adjustable, non-handed

Fully intelligent back-check providing a cushioning effect to prevent uncontrolled opening in between 70 and 110 degrees.

Latch action fully adjustable;

#35.083H - FIRE RATED door closer set with steel arm and bracket

Power size: EN 7 is NOT adjustable, non handed.

No special functions on the Fire Rated Door Closer; silver paint steel parts



Fire rated door closer #35.083H details page 3-5-2

#35.2390B Door closer body only

Door closer body TS83 force 2-6 fully adjustable. aluminum

#35.283A.508 Cover only fitting TS83 body. Satin Stainless Steel

#35.283A.308 Cover only fitting TS83 body. Polished Stainless Steel

316 stainless steel. Available in satin or polished stainless steel.

#35.283C.508 Adjustable arm fitting TS 83 body. Satin Stainless Steel

#35.283C.308 Adjustable arm fitting TS 83 body. Satin Stainless Steel

316 stainless steel. Available in satin or polished stainless steel.

#35.273.508 Parallel bracket with nylon bearings and screw on cap

#35.273.308 Parallel bracket with nylon bearings and screw on cap

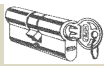
316 stainless steel. Satin or polished stainless steel.

To fit arm #35.283C

#35.271.508 Standard bracket fitting TS 83 body

#35.271.308 Polished Standard bracket fitting TS 83 body

316 stainless steel. Available in satin or polished stainless steel.

**SPECIFICATIONS TS 83 SERIES DOOR CLOSER BODIES****Easy to fix and even easier to adjust. The door closer for almost every door size and application.**

Decades of experience have gone into the development of the TS 83. The result is user comfort coupled with outstanding versatility. It can be adjusted to suit almost all types of door.

It can even be supplied with additional anti-corrosion protection for exposed applications or aggressive conditions.

Fixing couldn't be easier – and last but not least – it's engineered for excellence.

Certified to ISO 9001.

Plus points**For the trade**

- Low inventory costs and reduced stocking requirement thanks to streamlined product range.
- Practical and effective solutions to meet special applications thanks to comprehensive choice of accessories.

For the installer

- Easy to fix.
- Can be “tailored” to the requirements of the door by simple adjustment.
- Just one model for RH (DIN-R, ISO 5) and LH (DIN-L, ISO 6) doors, and for standard and frame/lintel fixing.
- Spring strength range EN 3–6 to suit virtually every application.

For the specifier/architect

- Compact closer design and sturdy flat-form arm assembly.
- Wide range of standard functions supplemented by optional extras.
- Suitable for fire doors.

For the user

- Optimum wall and door protection thanks to “thinking” backcheck.
- Closing speed virtually unaffected by temperature fluctuations.
- Proportionately low opening resistance thanks to high mechanical efficiency.

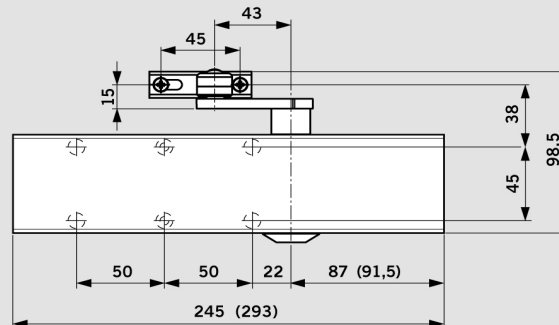
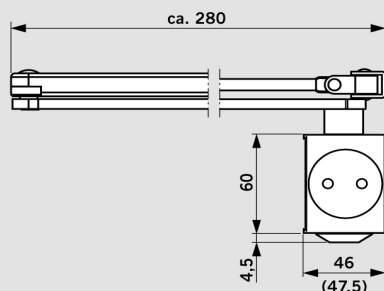
Data and features		TS 83	
Closing force adjustable	Size	EN 3–6	EN 7
Standard doors ¹⁾	≤ 1400 mm	●	–
	≤ 1600 mm	–	●
External doors, outward opening ¹⁾	≤ 1400 mm	●	–
	≤ 1600 mm	–	●
For fire and smoke check doors ¹⁾	≤ 1400 mm	●	–
	≤ 1600 mm	–	●
Non-handed		●	●
Arm assembly type	Standard	●	●
	Flatform	●	●
	Slide channel	–	–
Closing force variable by means of adjustment screw		●	–
Closing speed adjustable at 2 separate valves	180° – 15°	●	–
	15° – 0°	●	–
Closing speed variable by means of valve adjustment		–	●
Adjustable latching action	by arm	●	●
Backcheck	self-regulating	●	●
	adjustable at valve	●	●
Delayed action variable at valve		○	–
Hold-open		○	○
Weight in kg		1.7	3.3
Dimensions in mm	Length	245	293
	Overall depth	46	47.5
	Height	60	60
Door closer tested to EN 1154		●	●
CE mark for construction products		●	●

● yes – no ○ optional

¹⁾ For applications involving particularly heavy or wide doors, and doors which have to close against wind resistance, the next highest closer size or a higher spring strength should be applied.

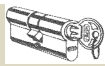


The TS 83 conforms to most recognised international standards and complies with the requirements and/or recommendations of the following:
CERTIFIRE approved for fire doors

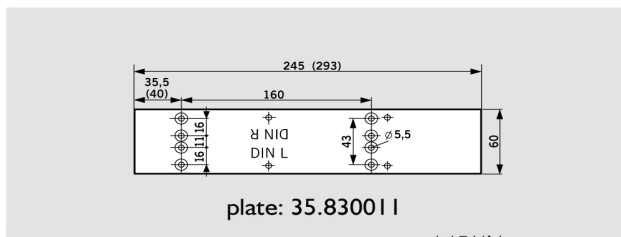
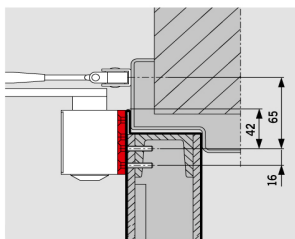


() = EN 7

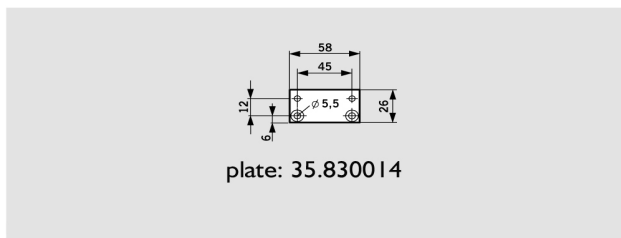
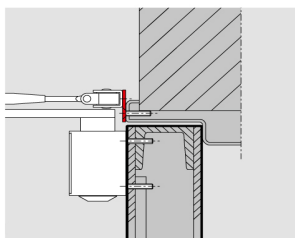
SET: #35.2390 Body TS 83 with 5 functions and force 2-5 adjustable; 316 polished stainless steel cover, adjustable arm and parallel bracket.



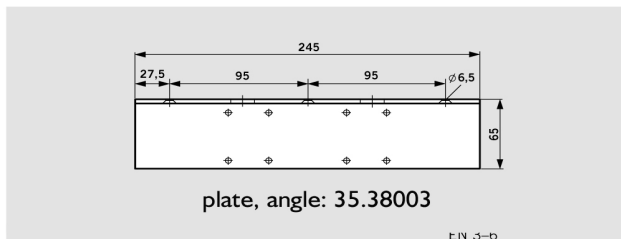
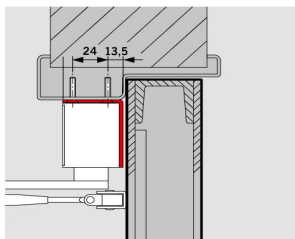
SPECIFICATIONS TS 83 SERIES STANDARD STEEL DOOR ACCESSORIES FOR INTERIOR USE NOT SUITABLE FOR MARINE ENVIRONMENT USE

**Mounting backplate TS 83**

For use with fire and smoke check doors and also as an intermediate plate when direct fixing to the door is not possible; with fixing hole pattern to EN 1154, supplement 1.

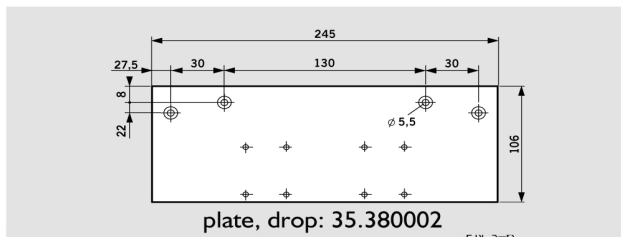
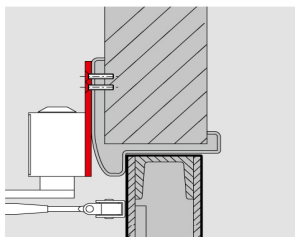
**Hinge plate TS 73 V / TS 83**

For fixing the arm bracket to particularly narrow door frames.

**Angle bracket TS 83**

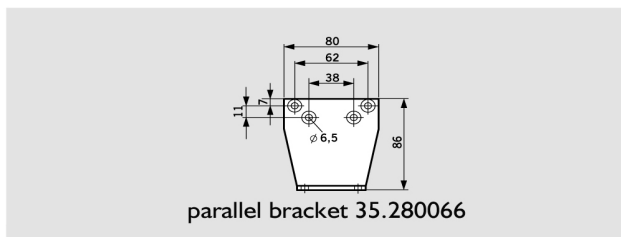
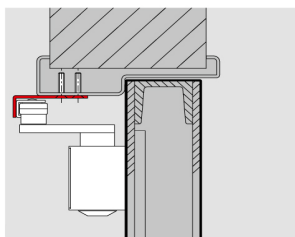
For frame/lintel fixing of the closer on the push side of doors with deep reveals.

On fire and smoke check doors, proof of suitability required in relation to the individual door concerned.

**Drop plate TS 73 V / TS 83**

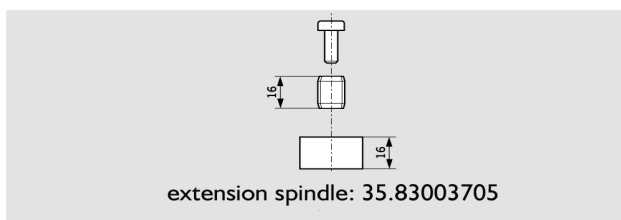
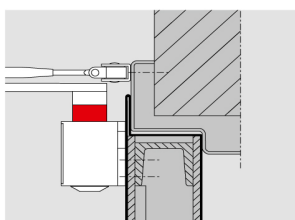
For installation on frame when direct fixing of closer is not possible.

On fire and smoke check doors, proof of suitability required in relation to the individual door concerned.

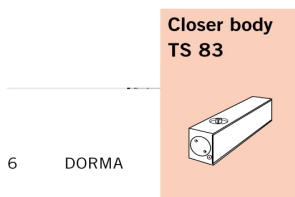
**Parallel arm bracket TS 73 V / TS 83**

For parallel arm installation on the push side (see fixing instructions for dimensions).

On fire and smoke check doors, proof of suitability required in relation to the individual door concerned.

**Spindle extension TS 73 V / TS 83**

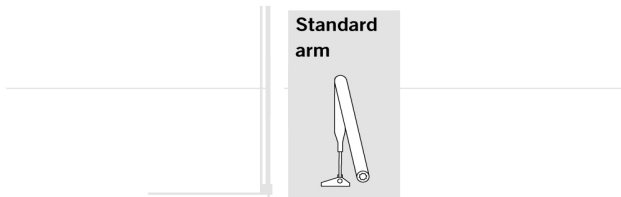
For increasing the distance between the closer and the arm assembly in the case of doors with a high overlap; 16 mm high.



**Closer body
TS 83**

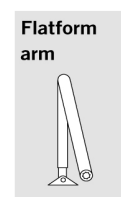
6 DORMA

#35.2390C: body force 7 fire rated
#35.2390B: body force 2-6 adjustable; not fire rated.



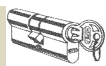
**Standard
arm**

#35.2200023 arm fire rated

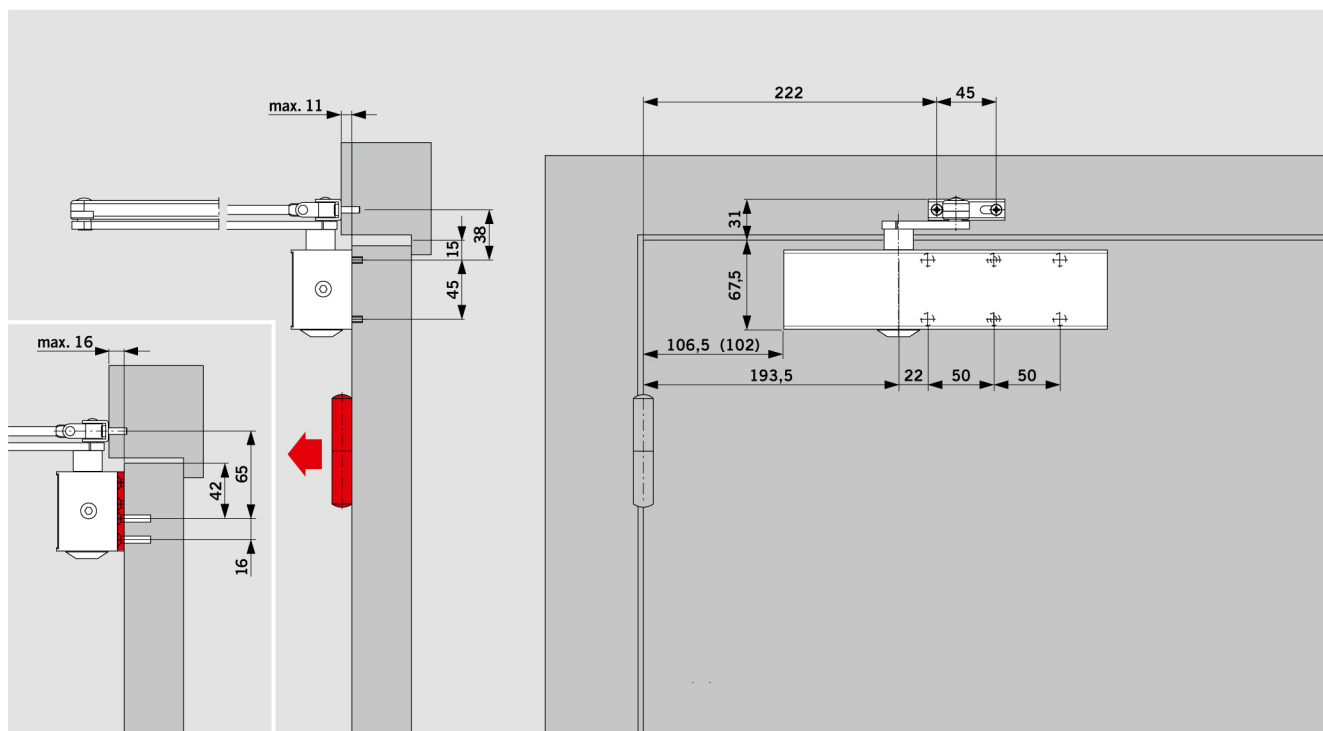


**Platform
arm**

#35.283C arm, stainless steel adjustable

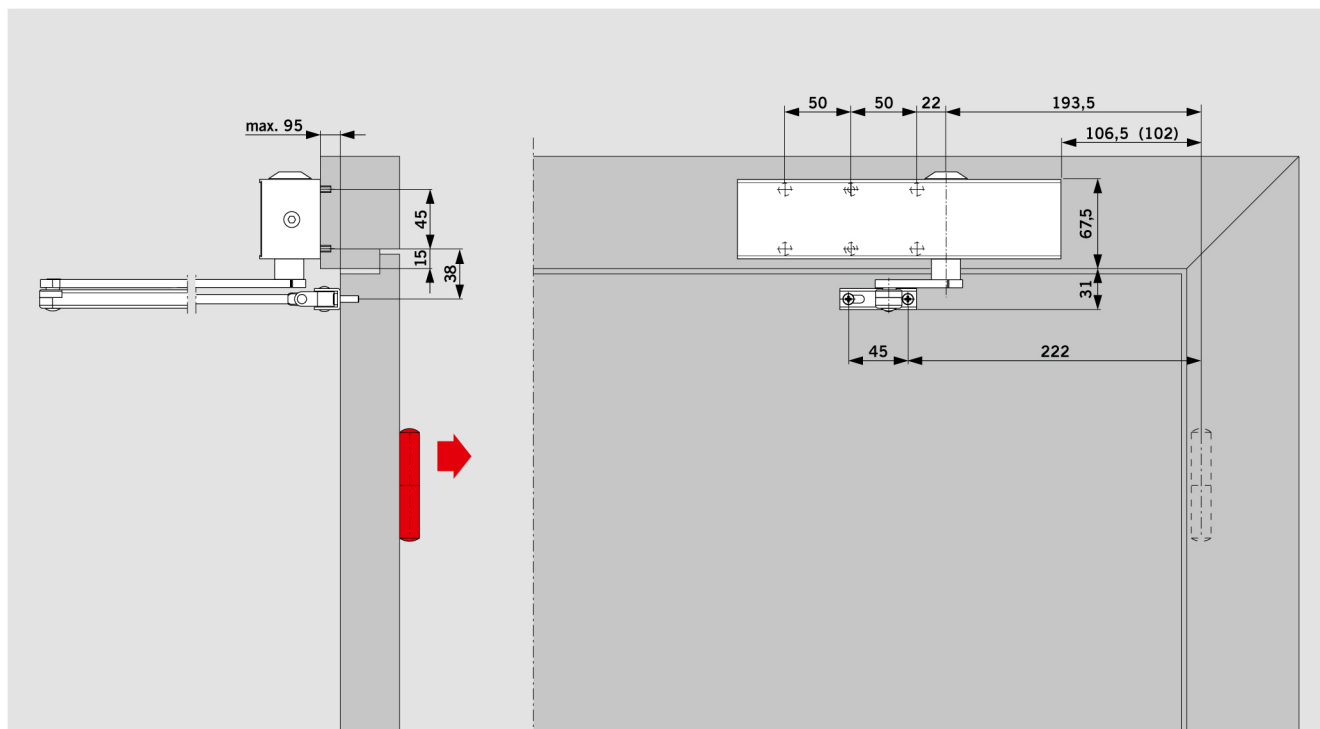


INSTALLATION DIAGRAM FOR THE TS 83 BODY - FORCE 2-6 WITH PARALLEL BRACKET DOOR LEAF FIXING, PULL SIDE

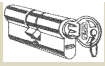


Example shows LH (ISO 6) door; RH (ISO 5) doors mirrored arrangement

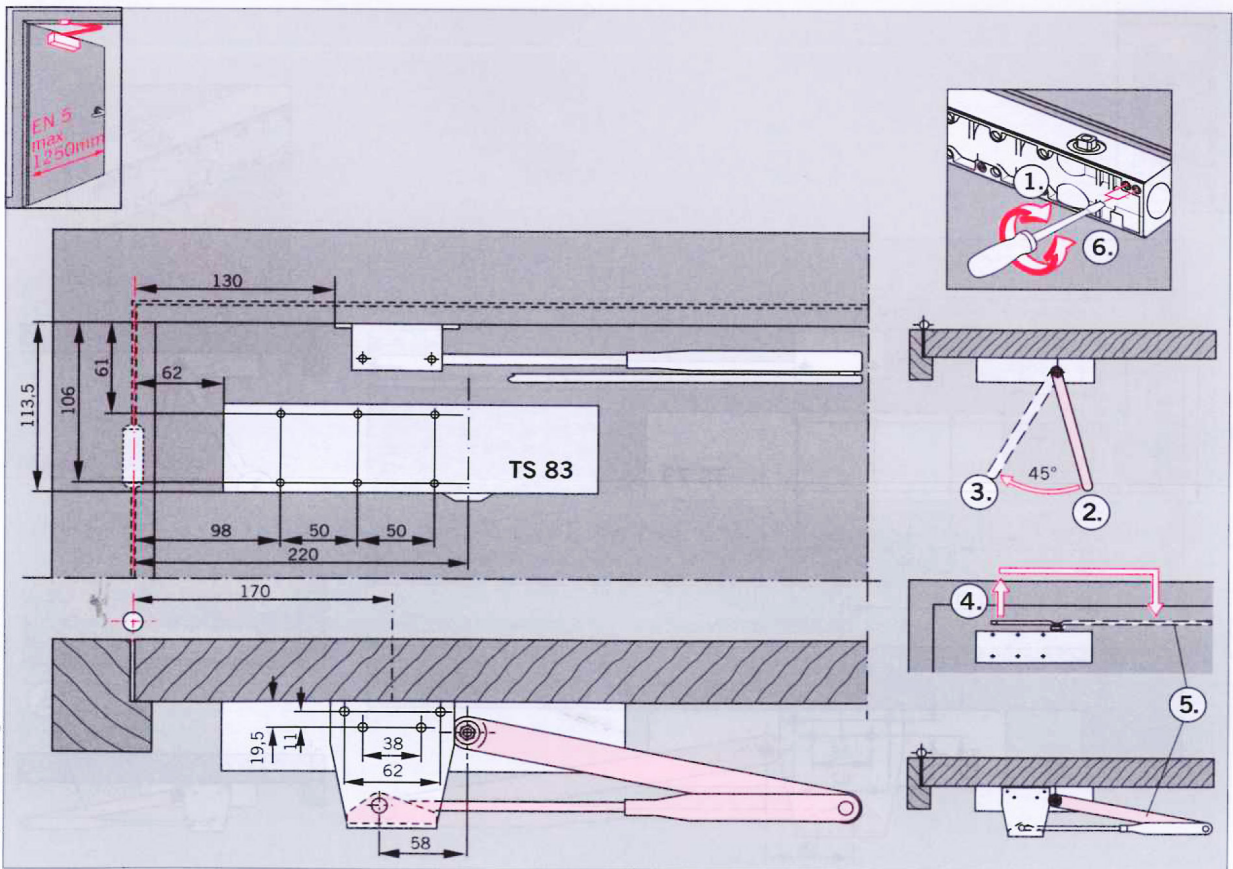
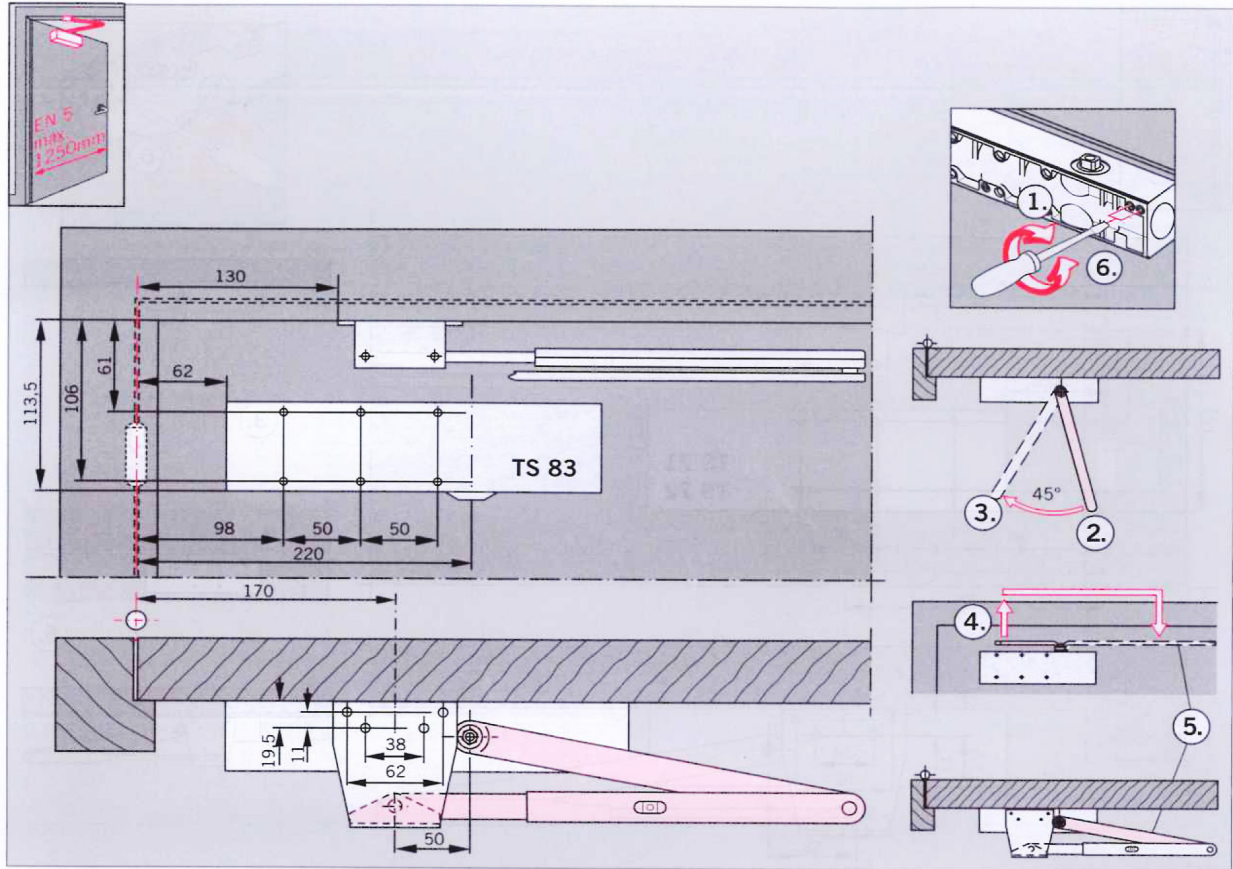
TRANSOM FIXING, PUSH SIDE



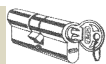
Example shows LH (ISO 6) door; RH (ISO 5) doors mirrored arrangement



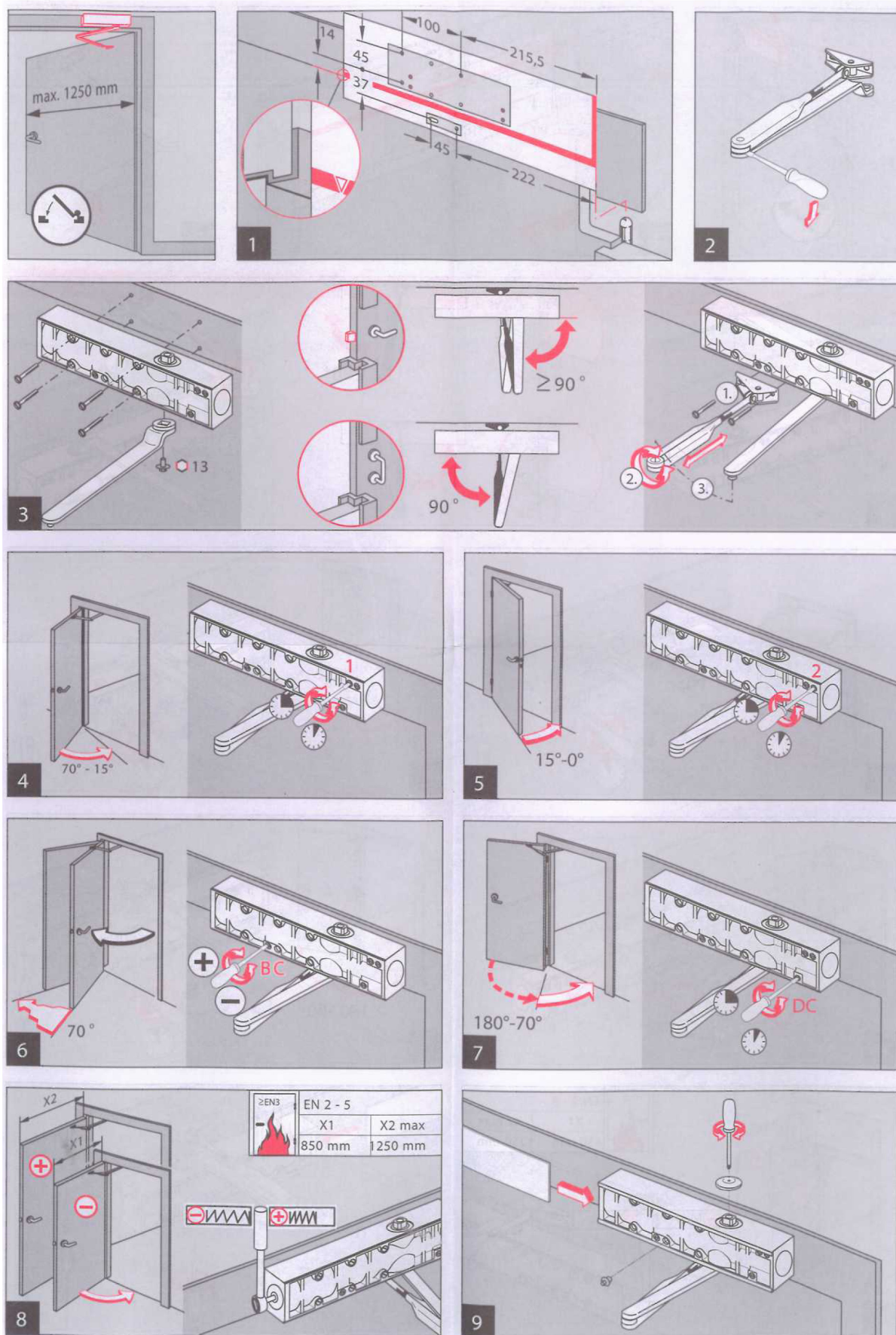
INSTALLATION DIAGRAM FOR THE TS 83 BODY - FORCE 2-6 WITH PARALLEL BRACKET

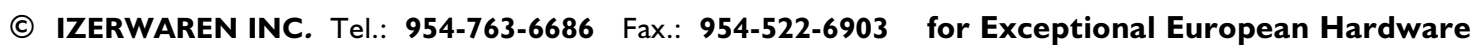


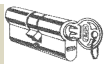
Änderungen vorbehalten
Subject to change without notice



INSTALLATION DIAGRAM FOR THE TS 83 BODY FORCE 2-6







INSTALLATION DIAGRAM FOR THE TS 83 BODY FORCE 2-6

