

# Product data sheet

## TS 4000 IS \*



Overhead door closer with link arm for double leaf doors with closing sequence control

### AREAS OF APPLICATION

- Fire and smoke protection doors
- Double leaf single-action doors
- Single-action doors up to 2800 mm hinge clearance and 1400 mm leaf width
- Door leaf installation hinge side and transom installation opposite hinge side



## PRODUCT FEATURES

- System comprising two door closers TS 4000 IS and TS 4000 with V-arm and release mechanism
- Closing force EN1-6 with variable adjustment
- Can be used for right and left hand doors without conversion
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- Mechanical latching action which accelerates the door shortly before the closed position
- Closing speed can be individually adjusted
- Integrated back check, slows down doors that are thrown open forcefully
- Visual closing force display for easy control of the setting
- All functions can be set from the front (except for latching action)

## TECHNICAL DATA

Productname	TS 4000 IS *
Closing force in accordance with EN 1154	EN 1 - 6
Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm	1100 mm
Leaf width (max.)	1400 mm
Type of installation	Door leaf installation hinge side, Transom installation opposite hinge side
Opening angle (max.)	180 °
Suitability for fire protection doors	Yes
Closing force adjustable	Yes, stepless
Adjustable closing speed	Yes
Latching action adjustable	Yes, via link arm
Position of closing force adjustment	Front
Visual closing force display	Yes
Smoke switch integrated	No
Closing sequence control integrated	Yes

## VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	DIN direction
GEZE TS 4000 IS	Closing force EN 1-6, with TS 4000 IS door closer and TS 4000 door closer, with standard link arm, with closing sequence control and release mechanism	N/A	according to RAL	EN 1 - 6	left / right
GEZE TS 4000 IS	Closing force EN 1-6, with TS 4000 IS door closer and TS 4000 door closer, with standard link arm, with closing sequence control and release mechanism	N/A	white RAL 9016	EN 1 - 6	left / right

**TS 4000 IS \***

Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	DIN direction
GEZE TS 4000 IS	Closing force EN 1-6, with TS 4000 IS door closer and TS 4000 door closer, with standard link arm, with closing sequence control and release mechanism	N/A	silver-coloured	EN 1 - 6	left / right

**PART****LINK ARM TS 4000 / 2000**

With mechanical hold-open device



Designation	Description	Ident-No.	Colour	Hold-open point min.	Hold-open point max.
Link arm TS 4000/2000 / F	With mechanical hold-open device	102454	silver-coloured	70 °	150 °
Link arm TS 4000/2000 / F	With mechanical hold-open device	102456	white RAL 9016	70 °	150 °
Link arm TS 4000/2000 / F	With mechanical hold-open device	102457	according to RAL	70 °	150 °

**LINK ARM TS 4000 / 2000**

with mechanical hold-open device which can be switched on and off



Designation	Description	Ident-No.	Colour	Hold-open point min.	Hold-open point max.
Link arm TS 4000/2000 / F	with mechanical hold-open device which can be switched on and off	102445	silver-coloured	70 °	150 °
Link arm TS 4000/2000 / F	with mechanical hold-open device which can be switched on and off	102448	according to RAL	70 °	150 °
Link arm TS 4000/2000 / F	with mechanical hold-open device which can be switched on and off	102447	white RAL 9016	70 °	150 °

# TS 4000 IS \*



## LINK ARM TS 4000 / 2000

Standard link arm



Designation	Description	Ident-No.	Colour
Link arm TS 4000/2000	Standard	102425	according to RAL
Link arm TS 4000/2000	Standard	102421	silver-coloured
Link arm TS 4000/2000	Standard	102423	white RAL 9016
Link arm TS 4000/2000	Standard	102426	Stainless steel optic

## LINK ARM TS 4000 / 2000 ELONGATED

For transom installation with reveal depth between 70-170 mm



Designation	Description	Ident-No.	Colour
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102434	according to RAL
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102431	silver-coloured
Link arm TS 4000/2000 elongated	Extended, for transom installation with reveal depth between 70-170 mm	102433	white RAL 9016

## TS 4000 IS CLOSER BODY

Main body for overhead door closer with link arm EN 1-6 with closing sequence control



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 IS Closer	Size EN 1-6 with integrated closing sequence control (without release mechanism and link arm)	102801	white RAL 9016	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 IS Closer	Size EN 1-6 with integrated closing sequence control (without release mechanism and link arm)	119563	black RAL 9005	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 IS Closer	Size EN 1-6 with integrated closing sequence control (without release mechanism and link arm)	102802	according to RAL	EN 1 - 6	287 x 46 x 60 mm

Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 IS Closer	Size EN 1-6 with integrated closing sequence control (without release mechanism and link arm)	102799	dark bronze	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 IS Closer	Size EN 1-6 with integrated closing sequence control (without release mechanism and link arm)	102798	silver-coloured	EN 1 - 6	287 x 46 x 60 mm

### CLOSER BODY TS 4000

Main body for overhead door closer with link arm EN 1-6



Designation	Description	Ident-No.	Colour	Closing force in accordance with EN 1154	Dimensions
GEZE TS 4000 Closer	Closing force EN 1-6 with back check (without link arm)	102789	silver-coloured	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 Closer	Closing force EN 1-6 with back check (without link arm)	137724	Stainless steel face plate	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 Closer	Closing force EN 1-6 with back check (without link arm)	102791	white RAL 9016	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 Closer	Closing force EN 1-6 with back check (without link arm)	102792	according to RAL	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 Closer	Closing force EN 1-6 with back check (without link arm)	102790	dark bronze	EN 1 - 6	287 x 46 x 60 mm
GEZE TS 4000 Closer	Closing force EN 1-6 with back check (without link arm)	109542	black RAL 9005	EN 1 - 6	287 x 46 x 60 mm

### RELEASE MECHANISM CLOSING SEQUENCE CONTROL \*

TS 4000 / E-IS/R-IS



Designation	Description	Ident-No.
Release mechanism *	TS 4000 / E-IS/R-IS	058310
Release mechanism *	TS 4000 / E-IS/R-IS	058311
Release mechanism *	TS 4000 / E-IS/R-IS	058307
Release mechanism *	TS 4000 / E-IS/R-IS	058306
Release mechanism *	TS 4000 / E-IS/R-IS	058309
Release mechanism *	TS 4000 / E-IS/R-IS	058308

## ACCESSORIES

### CB FLEX

Carry bar for safe closing of double leaf fire protection doors



Designation	Description	Ident-No.	Colour
GEZE CB flex *	for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material	182652	white RAL 9016
GEZE CB flex	for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material	153602	silver-coloured
GEZE CB flex	for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material	153728	according to RAL

### RELEASE MECHANISM CLOSING SEQUENCE CONTROL \*

TS 4000 / E-IS/R-IS



Designation	Description	Ident-No.
Release mechanism *	TS 4000 / E-IS/R-IS	058310
Release mechanism *	TS 4000 / E-IS/R-IS	058311
Release mechanism *	TS 4000 / E-IS/R-IS	058307
Release mechanism *	TS 4000 / E-IS/R-IS	058306
Release mechanism *	TS 4000 / E-IS/R-IS	058309
Release mechanism *	TS 4000 / E-IS/R-IS	058308

**INSTALLATION MATERIAL****SPINDLE EXTENSION**

For TS 4000/TS 2001



Designation	Description	Ident-No.	Colour	Spindle extension
Spindle extension for TS 4000 / TS 2000	Crown gearing	103678	black	15 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103550	Galvanised	20 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103679	black	20 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	139793	according to RAL	15 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103548	Galvanised	10 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103677	black	10 mm
Spindle extension for TS 4000 / TS 2000	Crown gearing	103549	Galvanised	15 mm

**DRILLING TEMPLATE DOOR CLOSER**

for TS 5000/TS 4000/TS 3000/TS 2000



Designation	Description	Ident-No.
Drilling template door closer	for TS 5000/TS 4000/TS 3000/TS 2000	053134

**GLASS CLAMPING SHOE**

for TS 5000/TS 4000



Designation	Description	Ident-No.	Colour	Glass thickness
Glass clamping shoe	for TS 5000/TS 4000	009494	according to RAL	10 mm
Glass clamping shoe	for TS 5000/TS 4000	057126	silver-coloured	10 mm
Glass clamping shoe	for TS 5000/TS 4000	057127	dark bronze	10 mm
Glass clamping shoe	for TS 5000/TS 4000	009491	white RAL 9016	10 mm

## MOUNTING PLATE AND COUNTERPLATE ALL-GLASS DOOR

for TS 5000/TS 4000



Designation	Description	Ident-No.	Colour	Glass thickness
Mounting plates, set, all-glass door	for TS 5000/TS 4000	007923	silver-coloured	10 mm
Mounting plates, set, all-glass door	for TS 5000/TS 4000	007926	according to RAL	10 mm
Mounting plates, set, all-glass door	for TS 5000/TS 4000	007924	dark bronze	10 mm

## MOUNTING PLATE LINK ARM \*

for TS 4000/TS 2000, with slim frames



Designation	Description	Ident-No.	Colour
Mounting plate link arm	for TS 4000/TS 2000, with slim frames	082506	according to RAL
Mounting plate link arm	for TS 4000/TS 2000, with slim frames	057109	silver-coloured

## MOUNTING PLATE DOOR CLOSER

For TS 5000 and TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 2



Designation	Description	Ident-No.	Colour
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	068627	white RAL 9016
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	057956	Galvanised
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	029176	according to RAL
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	049185	silver-coloured
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	137725	Stainless steel optic
Mounting plate door closer	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	052351	dark bronze



**MOUNTING PLATE LINK ARM**

For TS 4000/TS 2000 for parallel arm installation



Designation	Description	Ident-No.	Colour
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	053319	dark bronze
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	027460	according to RAL
Mounting plate link arm	for TS 4000/TS 2000, for parallel arm installation	053318	silver-coloured

**LINTEL CASING BRACKET**

for TS 5000/TS 4000



Designation	Description	Ident-No.	Colour
Lintel casing bracket	for TS 5000/TS 4000	049240	silver-coloured
Lintel casing bracket	for TS 5000/TS 4000	052352	dark bronze
Lintel casing bracket	for TS 5000/TS 4000	104451	according to RAL

**MOUNTING PLATE DOOR CLOSER \***

For TS 5000 and TS 4000 with hole pattern in accordance with DIN EN 1154 Supplement 2



Designation	Description	Ident-No.
Mounting plate *	for TS 5000/TS 4000 with hole pattern according to DIN EN 1154 Supplement 1	083992

# TS 4000 IS \*



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\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.