

# Product data sheet

# **TS 500 N EN 3 with**

# **hold-open unit**



Floor spring for single leaf single-action/double-action doors  
up to 950 mm leaf width with optional hold-open device

#### **AREAS OF APPLICATION**

- Right and left single- and double-action doors
- Single- and double-action doors up to 950 mm leaf width and 100 kg weight
- Floor mounting, concealed

# TS 500 N EN 3 with hold-open unit



## PRODUCT FEATURES

- Fixed closing force of EN 3
- Can be used for right and left hand doors without conversion
- Mechanical hold-open unit in the door closer with hold-open area 85°/90°/105°/120°
- Closing speed can be individually adjusted
- Hydraulic latching action which accelerates the door shortly before it is closed
- Integrated back check, slows down doors that are thrown open forcefully
- All functions can be adjusted from above and in the installed state

## TECHNICAL DATA

Productname	TS 500 N EN 3 with hold-open unit
Use on single-/double-action door	Single-action door, Double-action door
Type of installation	Floor
Opening angle (max.)	170 °
Closing force in accordance with EN 1154	EN 3
Leaf width (max.)	950 mm
Leaf weight (max.)	100 kg
DIN direction	left / right
Closing force adjustable	No
Adjustable closing speed	Yes
Back check integrated	Mechanically fixed
Position of closing force adjustment	Top
Hold-open of fire protection doors	No
Hold-open function	Mechanical

## PART

### CLOSER BODY TS 500 N EN 3

Basic body for floor spring EN 3



# TS 500 N EN 3 with hold-open unit



Designation	Description	Ident-No.	Hold-open function	Hold-open point min.	Hold-open point max.
GEZE TS 500 N EN 3 closer	Size EN 3, optionally with fixed mechanical holding open function (without cover plate and accessories)	104046	Mechanical	85 °	90 °
GEZE TS 500 N EN 3 closer	Size EN 3, optionally with fixed mechanical holding open function (without cover plate and accessories)	111596	Mechanical	120 °	125 °
GEZE TS 500 N EN 3 closer	Size EN 3, optionally with fixed mechanical holding open function (without cover plate and accessories)	111594	Mechanical	105 °	110 °
GEZE TS 500 N EN 3 closer	Size EN 3, optionally with fixed mechanical holding open function (without cover plate and accessories)	104047	Mechanical	90 °	95 °

## FLOOR SPRING COVER PLATE

For TS 500 NV / TS 500 N EN 3



Designation	Description	Ident-No.	Colour	Material	Surface
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN 3	103012	Brass	Brass	brushed
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN 3	102127	Stainless steel	Stainless steel	brushed

## CLOSER BODY TS 500 N EN 3

Basic body for floor spring EN 3



Designation	Description	Ident-No.	Hold-open function	Closing force in accordance with EN 1154	DIN direction
GEZE TS 500 N EN 3 closer	Size EN 3, optionally with fixed mechanical holding open function (without cover plate and accessories)	103086	No	EN 3	left / right

## ACCESSORIES

### COVER CAPS FOR DOOR RAILS (FLUSH-MOUNTED DOORS)

Models DB, EK, FK



Designation	Description	Ident-No.	Colour	DIN direction	Material
GEZE cover caps for door rails (flush-mounted doors)	Models DB, EK, FK	137586	Stainless steel optic	left	Aluminum
GEZE cover caps for door rails (flush-mounted doors)	Models DB, EK, FK	137577	Stainless steel optic	right	Aluminum
GEZE cover caps for door rails (flush-mounted doors)	Models DB, EK, FK	006798	EV1	right	Aluminum
GEZE cover caps for door rails (flush-mounted doors)	Models DB, EK, FK	006794	EV1	left	Aluminum

### COVER CAPS FOR DOOR RAILS (REBATED DOORS)

Models DB, EK, FK



Designation	Description	Ident-No.	Colour	DIN direction	Material
GEZE cover caps for door rails (rebated doors) *	Models DB, EK, FK	045155	EV1	right	Aluminum
GEZE cover caps for door rails (rebated doors) *	Models DB, EK, FK	137617	Stainless steel optic	right	Aluminum
GEZE cover caps for door rails (rebated doors) *	Models DB, EK, FK	137618	Stainless steel optic	left	Aluminum
GEZE cover caps for door rails (rebated doors) *	Models DB, EK, FK	045196	EV1	left	Aluminum

### COVER CAPS FOR PIVOT HINGES (FLUSH-MOUNTED DOORS)

Models DB, EK, FK



Designation	Description	Ident-No.	Colour	DIN direction	Material
Cover caps for pivot hinges (flush-mounted doors)	Suitable for flush-mounted doors and pivot hinge models DB, EK, FK	001090	EV1	left / right	Aluminum
Cover caps for pivot hinges (flush-mounted doors)	Suitable for flush-mounted doors and pivot hinge models DB, EK, FK	137640	Stainless steel optic	left / right	Aluminum

# TS 500 N EN 3 with hold-open unit



## COVER CAPS FOR PIVOT HINGES (REBATED DOORS) \*

Models DB, EK, FK



Designation	Description	Ident-No.	Colour	DIN direction	Category of door
Cover caps for pivot hinges (rebated doors) *	Suitable for rebated doors and pivot hinge models DB, EK, FK	137642	Stainless steel optic	right	rebated
Cover caps for pivot hinges (rebated doors) *	Suitable for rebated doors and pivot hinge models DB, EK, FK	037918	EV1	left	rebated
Cover caps for pivot hinges (rebated doors) *	Suitable for rebated doors and pivot hinge models DB, EK, FK	038302	EV1	right	rebated
Cover caps for pivot hinges (rebated doors) *	Suitable for rebated doors and pivot hinge models DB, EK, FK	137641	Stainless steel optic	left	rebated

## SPINDLE CAP FLOOR SPRING

With flat cone, including clamping-extension bolt



Designation	Description	Ident-No.	Spindle extension	Pivot type
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010337	5 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010385	50 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010373	25 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010378	40 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010377	35 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	052170	13 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	050644	0 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010372	20 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010347	15 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	050930	8 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	050931	28 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010381	45 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010338	10 mm	Flat cone
GEZE spindle cap for floor spring	With flat cone, including clamping-extension bolt	010374	30 mm	Flat cone

# TS 500 N EN 3 with hold-open unit



## SPINDLE CAP FLOOR SPRING \*

With square for double-action doors, including clamping-extension bolt



Designation	Description	Ident-No.	Spindle extension	Pivot type
GEZE spindle cap for floor spring *	With square for double-action doors, including clamping-extension bolt	053315	0 mm	Square double-action doors

## SPINDLE CAP FLOOR SPRING \*

With square for single-action doors, including clamping-extension bolt



Designation	Description	Ident-No.	Spindle extension	Pivot type
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053960	15 mm	Square DIN left
Spindle cap floor spring	With square for single-action doors, including clamping-extension bolt	053954	0 mm	Square DIN left
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053957	5 mm	Square DIN right
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053956	5 mm	Square DIN left
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053964	25 mm	Square DIN left
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053963	20 mm	Square DIN right
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053965	25 mm	Square DIN right
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053961	15 mm	Square DIN right
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053959	10 mm	Square DIN right
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053962	20 mm	Square DIN left
Spindle cap floor spring *	With square for single-action doors, including clamping-extension bolt	053958	10 mm	Square DIN left
Spindle cap floor spring	With square for single-action doors, including clamping-extension bolt	053955	0 mm	Square DIN right

# TS 500 N EN 3 with hold-open unit



## COVER PLATE PIVOT HINGE UPPER PART \*

For pivot hinge model B and C

Designation	Description	Ident-No.	Colour	Material	Surface
Cover plate GEZE pivot hinge upper part *	For pivot hinge model B and C	006669	EV1	Aluminum	Anodised light alloy EV1

## DOOR RAIL FOR DOUBLE-ACTION DOORS

Model C



Designation	Description	Ident-No.	Colour	Pivot type
Door rail for double-action doors	Model C, for metal and timber doors	007432	Galvanised	Flat cone

## DOOR RAIL FOR DOUBLE-ACTION DOORS

Model CM



Designation	Description	Ident-No.	Colour	Pivot type
GEZE Door rail for double-action doors	Model CM, for metal doors, on-site adaptation to profile system, without surface treatment	021817	Galvanised	Flat cone

## DOOR RAIL FOR DOUBLE-ACTION DOORS \*

Model CM for metal doors for adaptation to on-site profile system



Designation	Description	Ident-No.	Colour	Pivot type
GEZE Door rail for double-action doors *	Model CM, for metal doors, adapted to profile system	001067	Galvanised	Flat cone

# TS 500 N EN 3 with hold-open unit



## DOOR RAIL FOR SINGLE-ACTION DOORS

Model DB



Designation	Description	Ident-No.	Colour	Pivot type
Door rail for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	037581	Galvanised	Square
Door rail for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044579	Galvanised	Flat cone

## DOOR RAIL FOR SINGLE-ACTION DOORS

Model EK



Designation	Description	Ident-No.	Colour	Pivot type
GEZE Door rail for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	008269	phosphated	Flat cone
GEZE Door rail for single-action doors *	GEZE door rail and pivot hinge EK for single-action doors	006696	phosphated	Square

## DOOR RAIL FOR SINGLE-ACTION DOORS

Model FK



Designation	Description	Ident-No.	Colour	Pivot type
GEZE Door rail for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	008270	phosphated	Flat cone
GEZE Door rail for single-action doors *	GEZE door rail and pivot hinge FK for single-action doors	006699	phosphated	Square

# TS 500 N EN 3 with hold-open unit



## DOOR RAIL FOR DOUBLE-ACTION DOORS

Model S



Designation	Description	Ident-No.	Colour	Pivot type
GEZE Door rail for double-action doors	Model S, for welding to steel doors	007434	phosphated	Flat cone

## PIVOT HINGE FOR DOUBLE-ACTION DOORS

Model B, suitable for C, CM, S door rail



Designation	Description	Ident-No.	Colour	Length of pivot pin
Adjustable pivot hinge double-action doors	Model B, suitable for C, CM, S door rail	006371	Galvanised	43 mm
Adjustable pivot hinge double-action doors	Model B, suitable for C, CM, S door rail	000903	Galvanised	65 mm
Adjustable pivot hinge double-action doors	Model B, suitable for C, CM, S door rail	000108	Galvanised	55 mm

## PIVOT HINGE FOR DOUBLE-ACTION DOORS

Model C, suitable for C, CM, S door rail



Designation	Description	Ident-No.	Colour	Length of pivot pin
Adjustable pivot hinge	Model C, suitable for C, CM, S door rail	006666	Galvanised	43 mm
Adjustable pivot hinge	Model C, suitable for C, CM, S door rail	000904	Galvanised	65 mm
Adjustable pivot hinge	Model C, suitable for C, CM, S door rail	000905	Galvanised	55 mm

# TS 500 N EN 3 with hold-open unit



## PIVOT HINGE FOR SINGLE-ACTION DOORS

Model DB



Designation	Description	Ident-No.	Colour	Length of pivot pin	Combination
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044787	Galvanised	45 mm	C
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044680	Galvanised	45 mm	B DIN right
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044676	Galvanised	45 mm	A
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044697	Galvanised	45 mm	B DIN left

## PIVOT HINGE FOR SINGLE-ACTION DOORS

Model EK



Designation	Description	Ident-No.	Colour	Length of pivot pin	Combination
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	006719	phosphated	49 mm	A
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	000890	phosphated	45 mm	B DIN right
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	000889	phosphated	45 mm	B DIN left
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	000891	phosphated	41 mm	C

# TS 500 N EN 3 with hold-open unit



## PIVOT HINGE FOR SINGLE-ACTION DOORS \*

Model FK



Designation	Description	Ident-No.	Colour	Length of pivot pin	Combination
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	000896	phosphated	45 mm	B DIN right
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	000897	phosphated	45 mm	C
Pivot hinge for single-action doors *	GEZE door rail and pivot hinge FK for single-action doors	000895	phosphated	45 mm	B DIN left
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	006724	phosphated	45 mm	A

## FLOOR SPRING COVER PLATE

For TS 500 NV / TS 500 N EN 3



Designation	Description	Ident-No.	Colour	Material	Surface
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN 3	103012	Brass	Brass	brushed
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN 3	102127	Stainless steel	Stainless steel	brushed

\* 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.