

Product data sheet

TS 500 NV with hold- open unit



Floor spring for single leaf single-action/double-action doors
up to 1100 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 1100 mm leaf width and 150 kg weight
- Floor mounting, concealed

PRODUCT FEATURES

- Closing force EN1-4 with variable adjustment
- 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 NV 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 1 - 4
Leaf width (max.)	1100 mm
Leaf weight (max.)	150 kg
DIN direction	left / right
Closing force adjustable	Yes, stepless
Adjustable closing speed	Yes
Latching action adjustable	Yes, via valve
Back check integrated	Mechanically fixed
Position of closing force adjustment	Top
Hold-open of fire protection doors	No

PART

CLOSER BODY TS 500 NV

Basic body for floor-mounted door closer EN 1-4



TS 500 NV with hold-open unit



Designation	Description	Ident-No.	Closing force in accordance with EN 1154	Dimensions	DIN direction
GEZE TS 500 NV Closer	Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories)	104028	EN 1 - 4	278 x 82 x 42 mm	left / right
GEZE TS 500 NV Closer	Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories)	104029	EN 1 - 4	278 x 82 x 42 mm	left / right
GEZE TS 500 NV Closer	Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories)	103974	EN 1 - 4	278 x 82 x 42 mm	left / right
GEZE TS 500 NV Closer	Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories)	104030	EN 1 - 4	278 x 82 x 42 mm	left / right

FLOOR SPRING COVER PLATE

For TS 500 NV / TS 500 N EN3



Designation	Description	Ident-No.	Colour
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN3	103012	Brass
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN3	102127	Stainless steel

CLOSER BODY TS 500 NV

Basic body for floor-mounted door closer EN 1-4



Designation	Description	Ident-No.	Closing force in accordance with EN 1154	Dimensions	DIN direction
GEZE TS 500 NV Closer	Size EN 1-4 (without cover plate and accessories)	102084	EN 1 - 4	278 x 82 x 42 mm	left / right

TS 500 NV with hold-open unit



ACCESSORIES

COVER CAPS FOR DOOR RAILS (FLUSH-MOUNTED DOORS)

Models DB, EK, FK



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

COVER CAPS FOR DOOR RAILS (REBATED DOORS)

Models DB, EK, FK



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

COVER CAPS FOR PIVOT HINGES (FLUSH-MOUNTED DOORS)

Models DB, EK, FK



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

TS 500 NV with hold-open unit



COVER CAPS FOR PIVOT HINGES (REBATED DOORS) *

Models DB, EK, FK



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

SPINDLE CAP FLOOR SPRING

With flat cone, including clamping-extension bolt



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

TS 500 NV with hold-open unit



SPINDLE CAP FLOOR SPRING *

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



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

SPINDLE CAP FLOOR SPRING *

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



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

TS 500 NV with hold-open unit



COVER PLATE PIVOT HINGE UPPER PART *

For pivot hinge model B and C

Designation	Description	Ident-No.	Colour
Cover plate GEZE pivot hinge upper part *	For pivot hinge model B and C	006669	EV1

DOOR RAIL FOR DOUBLE-ACTION DOORS

Model C



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

DOOR RAIL FOR DOUBLE-ACTION DOORS

Model CM



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

DOOR RAIL FOR DOUBLE-ACTION DOORS *

Model CM for metal doors, to be adapted to on-site profile system



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

TS 500 NV with hold-open unit



DOOR RAIL FOR SINGLE-ACTION DOORS

Model DB



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

DOOR RAIL FOR SINGLE-ACTION DOORS

Model EK



Designation	Description	Ident-No.	Colour
GEZE Door rail for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	008269	phosphated
GEZE Door rail for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	006696	phosphated

DOOR RAIL FOR SINGLE-ACTION DOORS

Model FK



Designation	Description	Ident-No.	Colour
GEZE Door rail for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	008270	phosphated
GEZE Door rail for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	006699	phosphated

TS 500 NV with hold-open unit



DOOR RAIL FOR DOUBLE-ACTION DOORS

Model S



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

PIVOT HINGE FOR DOUBLE-ACTION DOORS

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



Designation	Description	Ident-No.	Colour
Adjustable pivot hinge double-action doors	Model B, suitable for C, CM, S door rail	006371	Galvanised
Adjustable pivot hinge double-action doors	Model B, suitable for C, CM, S door rail	000903	Galvanised
Adjustable pivot hinge double-action doors	Model B, suitable for C, CM, S door rail	000108	Galvanised

PIVOT HINGE FOR DOUBLE-ACTION DOORS

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



Designation	Description	Ident-No.	Colour
Adjustable pivot hinge	Model C, suitable for C, CM, S door rail	006666	Galvanised
Adjustable pivot hinge	Model C, suitable for C, CM, S door rail	000904	Galvanised
Adjustable pivot hinge	Model C, suitable for C, CM, S door rail	000905	Galvanised

TS 500 NV with hold-open unit



PIVOT HINGE FOR SINGLE-ACTION DOORS

Model DB



Designation	Description	Ident-No.	Colour
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044787	Galvanised
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044680	Galvanised
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044676	Galvanised
Pivot hinge for single-action doors	Model DB, for rebated & flush-mounted metal and timber doors	044697	Galvanised

PIVOT HINGE FOR SINGLE-ACTION DOORS

Model EK



Designation	Description	Ident-No.	Colour
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	006719	phosphated
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	000890	phosphated
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	000889	phosphated
Pivot hinge for single-action doors	GEZE door rail and pivot hinge EK for single-action doors	000891	phosphated

PIVOT HINGE FOR SINGLE-ACTION DOORS *

Model FK



Designation	Description	Ident-No.	Colour
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	000896	phosphated
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	000897	phosphated
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	000895	phosphated
Pivot hinge for single-action doors	GEZE door rail and pivot hinge FK for single-action doors	006724	phosphated

TS 500 NV with hold-open unit



FLOOR SPRING COVER PLATE

For TS 500 NV / TS 500 N EN3



Designation	Description	Ident-No.	Colour
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN3	103012	Brass
Cover plate GEZE floor spring	For TS 500 NV / TS 500 N EN3	102127	Stainless steel

* 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.