

Spare-parts catalog

CMS 502 (Type 637)

Component type 001

E10 | E12 | E14 | E16 | E18 | E6.2(12m.10) | E7.2(14/12) | E6.2 | E7.2 | E8.2

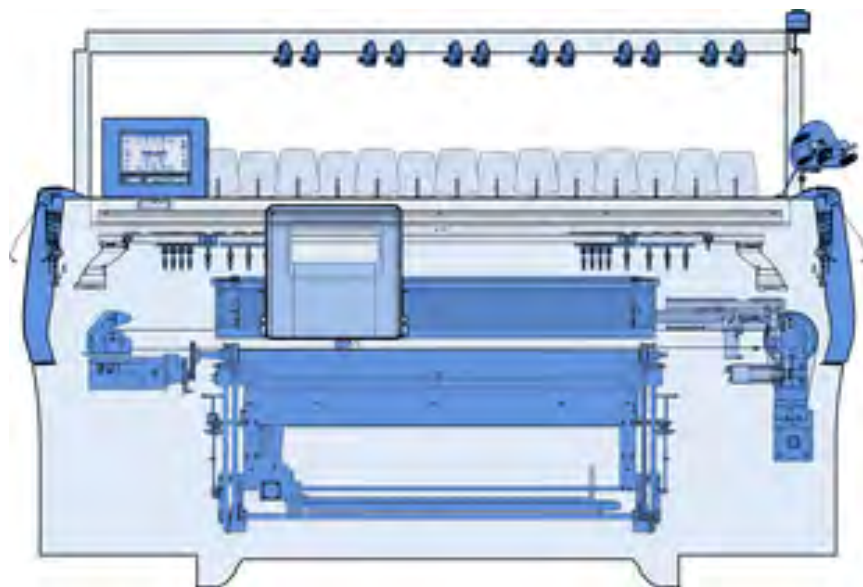


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1 Introduction

Imprint

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Notes for the order

This catalog serves to order spare parts.

It can only be applied to the machine type recorded on the title page.

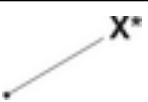
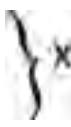
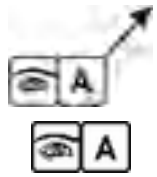
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

1. Type of machine, gauge, no. of machine.
2. Page no., designation, ID, quantity.

Only genuine STOLL spare parts may be used for repairs.

1.1 Search help

In order to make the search of the spare parts easier, the following elements will be used in the spare parts catalog:

Symbol	Meaning
Σ	Indicates an assembly
	Position indicator with the position number (X).
	Indicates an element of another assembly.
	Indicates an assembly which is represented more detailed beside.
	Indicates an assembly which is represented on another page more detailed.
	Screw torques (z) deviating from the preferential row.
	Detail, represented enlarged in the direction of the arrow.
	Explosion representation, single elements enlarged.
	Indicates a group of parts.
	Indicates the left-hand side or view.
	Indicates the right-hand side or view.
	Indicates a section or a view in the viewing direction.

1.2 Torques

Drehmomente Torques Couples Coppias Momentos de rotación		Festigkeitsklassen Property class Classes de résistance Classi di resistenza Clasas de resistencia		
[Nm] ± 10 % (für $\mu_{\text{ges}} = 0,12$)		4,8	8,8	12,9
Regelgewinde Coarse-pitch thread Filetage à pas gros Filatto regolatore Filete regulador	M3	0,6	1,2	2,5
	M4	1,2	2,5	5
	M5	2,5	5	9
	M6	5	9	18
	M8		18	40
	M10		40	
	M12		80	

Preferential row of screw torques

- Torques are **valid** for:
Connection steel-steel, black, phosphatized, galvanized, rolled or cut thread as well as only for plain (head) supports.
- Torques are **not valid** for:
protected screws with: lock washers, rib heads, coated and clamping screws and nuts. They are also not used for self-grooving threads.
- Torques differing from this preferential row of torques must be taken from the corresponding location in the drawings.

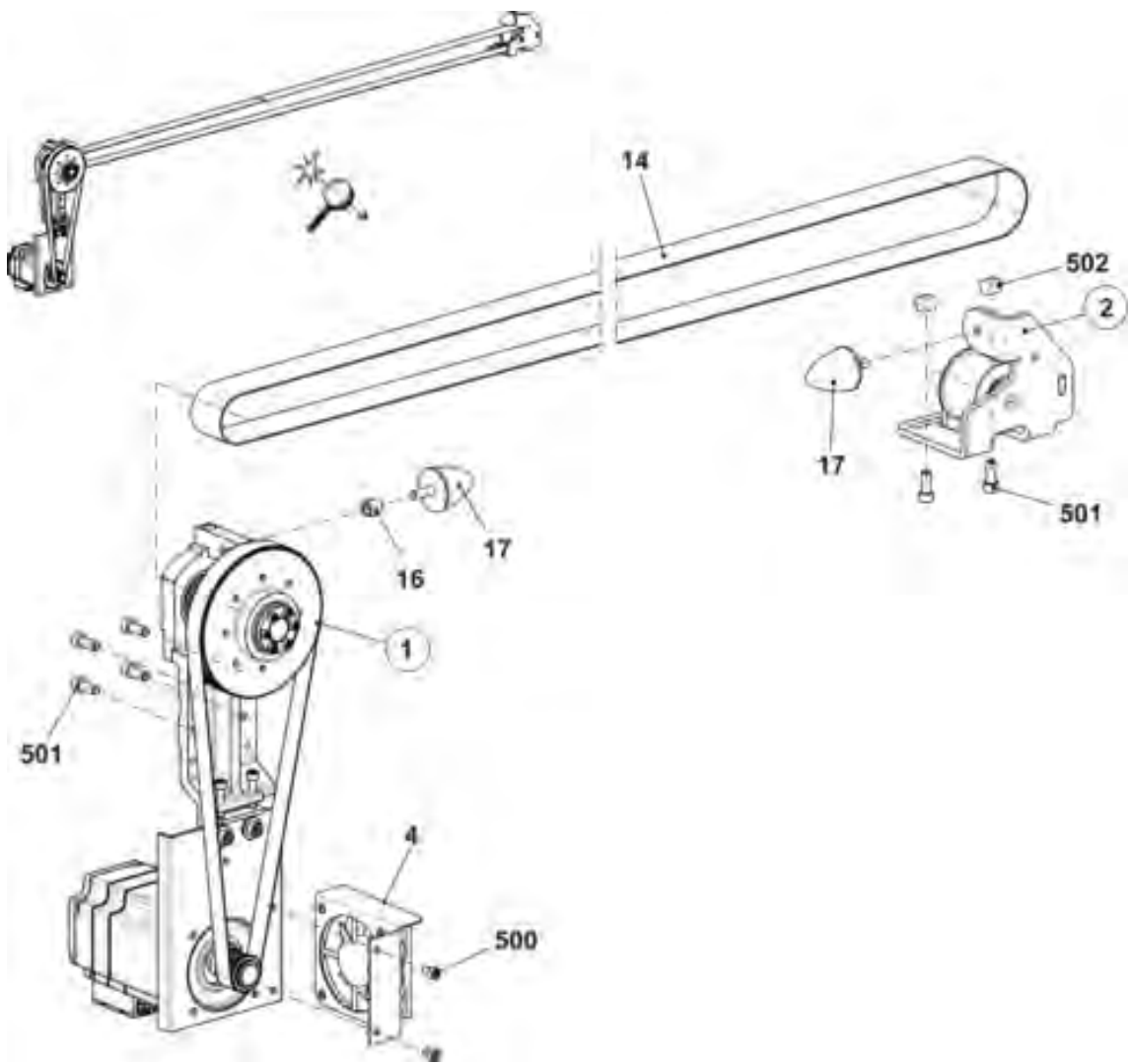
Notes:

2 Carriage drive



2.1 Drive

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Drive unit			16	Spacer pipe	253 867
1	Drive unit complete	251 608		17	Parabolic spring	200 661
2	Tension bearing complete	251 581		500	Cap screw M8x12	023 138
4	Fan complete	253 692		501	Cap screw M10x25	020 157
14	Toothed belt50AT10/4170 HP	251 607		502	NutM10x12	023 471



2.1.1 Motor and belt drive

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Drive unit complete	251 608				

2.1 Drive

2.1.2 Tension bearing

Pos	Designation		Id		Pos	Designation		Id

2.2 Energy chain and plunger

Pos	Designation	Id. no.		Pos	Designation	Id. no.
1	Energy chain 28 links	253				

2.2 Energy chain and plunger

Notes:

3 Racking



3.1 Racking drive

3.1 Racking drive

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Racking				
1	Three-phase AC servo motor r				

4 Needle beds



4.1 Needle bed E10

4.1 Needle bed E10

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E10	261 915				

4.1.1 Continuation needle bed E10

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E10					

4.2 Needle bed E12

4.2 Needle bed E12

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and rear E					

4.2.1 Continuation needle bed E12

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed					

4.3 Needle bed E14

4.3 Needle bed E14

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and rearE14					

4.3.1 Continuation needle bed E14

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and rearE					

4.4.1 Continuation needle bed E16

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and rear complete					

4.5.1 Continuation needle bed E18

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and					

4.6.1 Continuation needle bed E6.2

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and					

4.7.1 Continuation needle bed E7.2

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ						

4.8.1 Continuation needle bed E8.2

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle bed complete at the front and rear completeE					

4.9.1 Continuation needle bed E6.2(12m.10)

Pos	Designation	Id. no.		Pos	Designation	Id
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4.10.1 Continuation needle bed E7.2(14/12)

Pos	Designation	Id. no.		Pos	Designation	Id
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4.11 Needle beds, connection screws

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Connection screws		500	Cap screw M8x25	020 142

4.14 Yarn brake at clamping and cutting bed

Pos	Designation	Id		Pos	Designation	Id
Σ R	Yarn brake on the right	256				

4.14 Yarn brake at clamping and cutting bed

Notes:

5 Carriage



5.2 Overview of carriage, continuation

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Carriage complete				

5.3 Cam box E10

5.3 Cam box E10

Pos	Designation		ID		Pos	Designation		ID
Σ								

5.13 Carriage cover

Pos	Designation		ID		Pos	Designation
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