

User's manual and Parts book
Návod k použití a katalog
náhradních dílů

GARUDAN®

GARUDAN GZ-625 series



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Foreword

This instruction manual is intended to help the user to become familiar with the machine and take advantage of its application possibilities in accordance with the recommendations.

The instruction manual contains important information on how to operate the machine securely, properly and economically. Observation of the instructions eliminates danger, reduces costs for repair and down-times, and increases the reliability and life of the machine.

The instruction manual is intended to complement existing national accident prevention and environment protection regulations.

The instruction manual must always be available at the machine/sewing unit.

The instruction manual must be read and applied by any person that is authorized to work on the machine/sewing unit. This means:

- Operation, including equipping, troubleshooting during the work cycle, removing of fabric waste,
- Service (maintenance, inspection, repair) and/or
- Transport.

The user also has to assure that only authorized personnel work on the machine.

The user is obliged to check the machine at least once per shift for apparent damages and to immediately report any changes (including the performance in service), which impair the safety.

The user company must ensure that the machine is only operated in perfect working order.

Never remove or disable any safety devices.

If safety devices need to be removed for equipping, repairing or maintaining, the safety devices must be remounted directly after completion of the maintenance and repair work.

Unauthorized modification of the machine rules out liability of the manufacturer for damage resulting from this.

Observe all safety and danger recommendations on the machine/unit! The yellow-and-black striped surfaces designate permanent danger areas, eg danger of squashing, cutting, shearing or collision.

Besides the recommendations in this instruction manual also observe the general safety and accident prevention regulations!

General safety instructions

The non-observance of the following safety instructions can cause bodily injuries or damages to the machine.

1. The machine must only be commissioned in full knowledge of the instruction book and operated by persons with appropriate training.
2. Before putting into service also read the safety rules and instructions of the motor supplier.
3. The machine must be used only for the purpose intended. Use of the machine without the safety devices is not permitted. Observe all the relevant safety regulations.
4. When gauge parts are exchanged (e.g. needle, presser foot, needle plate, feed dog and bobbin) when threading, when the workplace is left, and during service work, the machine must be disconnected from the mains by switching off the master switch or disconnecting the mains plug.
5. Daily servicing work must be carried out only by appropriately trained persons.
6. Repairs, conversion and special maintenance work must only be carried out by technicians or persons with appropriate training.
7. For service or repair work on pneumatic systems, disconnect the machine from the compressed air supply system (max. 7-10 bar). Before disconnecting, reduce the pressure of the maintenance unit. Exceptions to this are only adjustments and functions checks made by appropriately trained technicians.
8. Work on the electrical equipment must be carried out only by electricians or appropriately trained persons.
9. Work on parts and systems under electric current is not permitted, except as specified in regulations DIN VDE 0105.
10. Conversion or changes to the machine must be authorized by us and made only in adherence to all safety regulations.
11. For repairs, only replacement parts approved by us must be used.
12. Commissioning of the sewing head is prohibited until such time as the entire sewing unit is found to comply with EC directives.
13. The line cord should be equipped with a country-specific mains plug. This work must be carried out by appropriately trained technicians (see paragraph 8).



It is absolutely necessary to respect the safety instructions marked by these signs.

Danger of bodily injuries !

Please note also the general safety instructions.



**Adler class 366
Instructions for Operators**

Edition January 1990

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1. Technical data cl. 366

Subclasse	:	-76-12	-76-12-RDAP
- Max. stitch length			
· forward	mm:	10	10
· backward	mm:	10	10
- Max. stitch width	mm:	12	12
(zig-zag)			
- Needle system	:	794	794
- Needle size	Nm:	140-250	140-250
(according to E-No.)			
- Thread thickness			
a) Cotton	NeB:	-	-
b) Synth. sewing thread	Nm:	11/3	11/3
c) Braided thread	Nm:	18/4	18/4
- Max. bobbin contents			
of thread b)	ca. m:	27	27
- Seam width / needle	mm:	-	-
clearance			
(according to E-No.)			
- Max. space below presser			
feet			
· Sewing	mm:	14	14
· Lifting (with NP)	mm:	14	14

2. Completion

2.1 Installation and connection

- Install the sewing machine on the table top
(Do not forget to connect to the ground!)
- Position the belt and, if required, correct the tension by modifying the motor position.
- Fit the belt guard on the motor and on the sewing machine
- Install the reel stand
- Connect the pedal with the rods
(In 366-76-12 hang-in the chain of the lifting lever on the right pedal)
- Install and connect the synchronizer.
- Establish electric connections of the machine (note the specifications on the type plate!)
- Establish pneumatic connections (366-76-12-RDAP)
 - For pneumatic oil see chapter 6.
 - For connecting the air hoses see fig. 1.
 - Verify the service pressure of 6 bar.
- Install and connect any additional equipment:
 - Screw the bobbin winder, controlled by cardioid cam, on the table top so that with the bobbin winder bewing switched on its wheel 1/5 is driven by the V-belt.
 - Connect the needle cooling to the non oiled compressed air (6 bar).
 - Connect the hook cooling to the oiled or non oiled compressed air (6 bar).
 - Install the oil atomizer with throttle on the stand on the left (fig. 3)

2.2 First use

- Oil the machine. (For the machine oil and the oil points see the chapter 6)
- Zero the position transmitter. (See the Quick operating instructions or the instructions for mechanics)
- Wind the lower thread and insert the bobbin into its case (chapter 4)
- Thread the needle (chapter 4)
- Conduct sewing test with material

3. Operating and functional elements

3.1 Elements on the sewing machine

- A/6 Additional handwheel (in 366-76-12)
- B/6,7 Stitch regulator lever
- C/6,7 Needle thread main tension with thread pulling spring
- D/6,7 Needle thread pre-tensions
- E/6,7 Thread guides
- F/6 Pressure regulating screw for fabric presser
(only in 366-76-12)
- F/7 Cylinder for pneumatic foot pressure and lift
(366-76-12-RDAP)
- f/7 Push-button for arresting the foot in its upper position
- G/6,7 Zigzag device
- O/6,7 Throw width control lever
- H/6,7 Bobbin winder
- J/4 Foot lifting lever (366-76-12)
- J/6,7 Lever for tilting the sewing machine
- L/7 Potentiometer for continuous speed control
- M/7 Key: backtacking within the seam
(366-76-12-RDAP)
- N/7 Key: needle up/down (1/2 Stitches)
(366-76-12-RDAP)
- R/7 Control panel

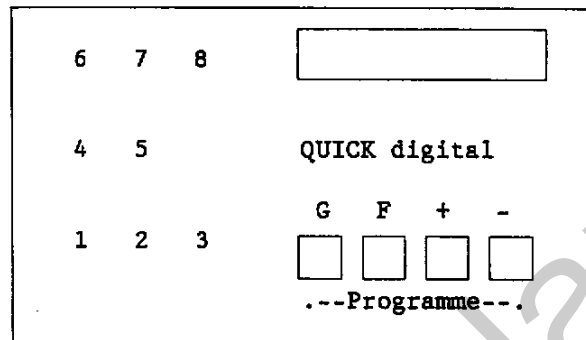
3.2 Elements on the stand

- P/2 Main switch
- Q/2 Motor control box
- S/2 Conditioning unit
- T/2 Manometer and pressure reducing valve for
pneum. foot pressure (366-76-12-RDAP)
- A/3 Oil atomizer for hook lubrication
- B/3 Throttle for hook lubrication

3.3 Elements on the control panel

Explanation:

- On the "Quick digital" control panel there are in the left half 8 switches, to the functions of which are subordinated any other memorized functions.
- In the right half, at bottom, there are 4 keys, permitting to release several functions, depending on which key is operated and when it is operated.
- In the right upper portion there is the 8 digit display field.



Switch	Function
1	Initial backtacking ON OFF
2	Final backtacking ON OFF
3	Needle cooling ON while sewing OFF
4	Initial backtacking double simple
5	Without function
6	Backtacking type Decorative backtack (stitch in stitch) Normal backtack
7	Sewing foot position above with the pedal below released
8	Without function

Key	Mode	Operation	Function
G	Sewing Adjustment (technician)	tipping / pressing tipping / pressing	- Indexing groups of hundreds step by step / continuously
F	Sewing Adjusting	tipping / pressing tipping / pressing	When the switches 1 or 2 are on, the following back- tack will be suppressed. When the switches 1 or 2 are off, an initial or a final backtack will be produced. (backtack inversion) Indexing the adjustment numbers step by step / continuously
+	Sewing Adjusting	tipping / pressing tipping / pressing	1 stitch will be sewn Sewing at the lowest speed The displayed value will be increased step by step / continuously
-	Sewing Adjusting	tipping / pressing tipping / pressing	Changing programme after programme end step by step / continuously The displayed value will be decreased step by step / continuously
G -	Sewing Adjusting	G press. - tipp. " "	Entering the adjustment mode Leaving the adjustment mode

Display Text	Meaning
MANUAL	Sewing mode M called up: normal (pedal-controlled) sewing
SEAM-A	Sewing mode A called up: Sewing the programmed section "A"
SEAM-B	Sewing mode B called up: Sewing the programmed seam sections B ₁ and B ₂
*---"---	Control mode M, A or B - Sewing mode on the technician level
---"---*	Confirmation of the backtack inversion (see F key)
----->F	Adjustment mode operator level
PROGRAM	Adjustment mode technician level
RESET+/-	Mode for resetting all values to the state as supplied
e. g. **2300**	Speed display
e. g. 101*0002	Adjustment number 101, value 2, - 2 initial backtack stitches forward
e. g. G7*****	Calling the group of hundreds 7 (G key) for the adjustment numbers 700-799
ERROR 1	Error when switching on - Machine switched on with the pedal being lowered - Knee switch in operated condition when adjusting
ERROR 2 bis ERROR 6	Deleting: machine OFF/ON, without operating the pedal Call the technician (Error description in the Quick Operating Instructions, page V)

4. Operation of the machine

4.1 Winding the lower thread

- Slip the empty bobbin onto the bobbin winder shaft.
- Pass the thread from the reel stand via the bobbin winder pretension and wind the thread several times around the bobbin.
- Press the lever V/5,6,7 against the bobbin.
- Switch on the machine and lower the pedal forwards.
(If the sewing is not started at the same time, lift the presser foot).
- As soon as the bobbin is full, the bobbin winder is disconnected automatically.

4.2 Inserting the bobbin into its case

- Switch off the machine.
- Move the thread take-up lever into its upper position.
- Press back the spring W/8; introduce a screwdriver between the spring and the bobbin case, so that the latter moves out.
- Insert the bobbin into its case so that, when unwinding the thread, the bobbin turns counter-clockwise. (Fig. 9)
- Close the case and pass the thread through the slit under the spring.

4.3 Adjusting the bobbin thread tension

- Switch off the machine.
- Swing out the bow B/10, remove the cover ring D/10 and take out the hook.
- Loosen the screw c/8 and adjust the thread tension by the screw d/8
- Retighten the screw c/8 and replace the hook.

4.4 Inserting the needle

- Switch off the machine.
- Move the needle bar into its upper position.
- Introduce the needle into the needle holder up to the stop and so that its groove faces the hook point.

4.5 Threading the needle

- Switch off the machine.
- Pass the thread according to fig. 11.

4.6 Lifting the presser foot

Class 366-76-12:

- Operate the right pedal or
- operate the lifting lever.

Class 366-76-12-RDAP:

- Lower the pedal half backwards or
- operate the switch 8 on the control panel.
- Arresting in lifted position: press the button f/7 on the cylinder.

Note:

When operating the machine without fabric the presser foot must be lifted.

4.7 Adjusting the foot pressure

- Class 366-76-12:
Loosen the counter nut f/4 and adjust the foot pressure by the screw F/4.
- Class 366-76-12-RDAP:
The pressure and the lifting of the cloth presser foot are controlled by the same cylinder, having a constant service pressure of 6 bar. By means of the pressure reducing valve B/1 the pressing intensity can be adapted to the fabric requirements. The foot pressure should not exceed 3 bar. The pressure exerted on the cloth presser foot is indicated by the manometer C/1.

4.8 Adjusting the stitch length

Turn the rotary handle on the stitch regulator lever:
Turn to the right = for shorter stitches
Turn to the left = for longer stitches

4.9 Sewing backwards and backtacking the seam

Class 366-76-12:

- For sewing backwards, move the stitch regulator lever upwards beyond the zero point.

Class 366-76-12-RDAP:

- Operate the M/7 key on the arm head.
If applies, operate the knee lever (additional equipment)
- Programming the automatic backtacking on the control pan.
(See chapters 3.3 and 5.)
- Releasing the final backtack in "MANUAL" mode by lowering the pedal backwards.

4.10 Adjusting the throw width

Loosen the nut g/12 and adjust the desired throw width according to the scale 0-12.

4.11 Changing the zigzag stitch type

Explanation:

The sewing machine has a zigzag transmission with a ratio of 1:12. Thus, by changing the control cams it is possible to produce all zigzag types covered by the transmission ratio.

Normally, the machine is supplied with two control cams for two-stitch and six-stitch zigzag seams. A further control cam for four-stitch zigzag seams can be supplied at request.

Changing the control cams:

- Switch off the machine.
- turn over the plastic cover.
- Remove the nut b/14 and remove the control cam.
- Slip-on the new control cam. Introduce the roller into the cam race. If applies, loosen the nut g/12 and move the lever in the respective position. Fasten the control cam by the nut b/14 in the axial direction.
- By means of the threaded pins a/14 eliminate any play between the control cam and the tappet.

4.12 Switching off the needle cooling (Only RDAP)

Control panel: Operate the switch 3.

5. Adjustments on the Quick control panel

Explanation:

- The motor producer has included into the motor control a number of basic adjustments required by the sewing machine manufacturer, so that after "zeroing the position transmitter" (see the Instruction for mechanics of the Quick operating instructions) it is ready for use.
- The different numbers of stitches for backtacks, depending on the operation to be carried out, must be determined by the operator. The respective adjustment numbers can be obtained as follows:

5.1 Changing the adjustment values





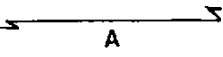
Entries	Remarks / Display text = DT
<p>1. <u>Calling sewing mode:</u> - Switch on the motor - Select the desired sewing mode by the key - .</p>	DT: MANUAL or SEAM-A or SEAM-B
<p>2. <u>Calling adjustment mode:</u> - Operate G key and hold, Tip - key and release both.</p>	DT: ----->F
<p>3. <u>Calling adjustment number:</u> - Tip F key until the desired adjustment number appears.</p>	e.g. DT: 101*0002
<p>4. <u>Adjusting the value:</u> - Increasing the displayed value by + key - Reducing the displayed value by - key</p>	<p>The newly adjusted value will remain memorized when leaving the adjustment number or the adjustment mode. If the machine is switched off immediately after the adjustment, the old value will be maintained. It is possible to call further adjustment numbers and to adjust new values.</p>
<p>5. <u>Leaving the adjustment mode:</u> - Operate G key and hold tip - key and release both.</p>	DT: MANUAL or SEAM-A or SEAM-B

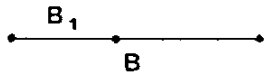
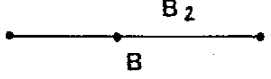
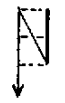



Entries	Remarks / Display text = DT
<p>6. <u>Control:</u></p> <ul style="list-style-type: none"> - check adjustment values(s). 	
<p>7. <u>Correct, if required:</u></p> <ul style="list-style-type: none"> - Call adjustment mode. - Tip F key. - Change the value. 	<p>- DT: ----->F The last called adjustment number will appear.</p>

Note:

The values of the other adjustment numbers must be modified by a technician. (See the instructions for mechanics of the Quick instructions for operators!)

5.2 List of adjustment numbers

No.	Designation	Sector	Value	Symbol / Remarks
101	Sewing programme offer	M A B M + A M + B A + B	M A B	By this adjustment number it is possible to determine which modes (MANUAL, SEAM-A SEAM-B) can be called by the key P
102	No. of stitches of initial bartack forwards	0 - 255	3	 See also switch 4
103	No. of stitches of initial bartack backwards	0 - 255	4	
108	No. of stitches of final bartack backwards	0 - 255	2	
109	No. of stitches of final bartack forwards	0 - 255	0	
111	at present no function			
201	No. of stitches of SEAM-A distance	0 - 255	20	

No.	Designation	Sector	Value	Symbol / Remarks
301	No. of stitches of B ₁ seam section	0 - 255	10	
302	No. of stitches of B ₂ seam section	0 - 255	10	
303	No. of seam sections (B ₁ + B ₂)	0 - 255	2	$\frac{(B_1+B_2)}{1} + \frac{B}{2} + \dots$
505	No. of stitches of initial decorative bartack - forwards	0 - 30	3	 See also the switches 4 and 7
506	No. of stitches of initial decorative bartack - backwards	0 - 30	3	 See also switch 7
507	No. of stitches of final decorative bartack - forwards	0 - 30	3	
508	No. of stitches of final decorative bartack - backwards	0 - 30	3	
521	At present no function			

6. Maintenance

6.1 Sewing machine

Daily maintenance

- Clean the hook, the feed dog and the needle thread tension.
- Oil the lubrication points (see fig. 13, 15, 16).

Weekly maintenance

- Check the oil atomizer for the hook lubrication and replenish if required.

Maintenance every three months

- Control the toothed belt.
- Control the V-belt tension.

Lubrication oil

Use only brand oils, e. g. ESSO MILLCOT K 68 with the following features:

Viscosity bei 40° C : 65 mm²/s
Point of inflammation: 212° C

ESSO MILLCOT K 68 can be obtained from Dürkopp and Adler:

1 l : ref. no. 990 47 012 8
5 l : ref. no. 990 47 012 9

6.2 Pneumatic conditioning unit

Monthly maintenance

- Check oil level in the oil atomizer.
- Check oil supply quantity of the oil atomizer.

Maintenance every three months

- Clean the filtering element in the filter.
- Check the "tightness" of the pneumatic system.

Pneumatic oil

Use only brand oil, e.g. ESSO NUTO H 68 with the following features:

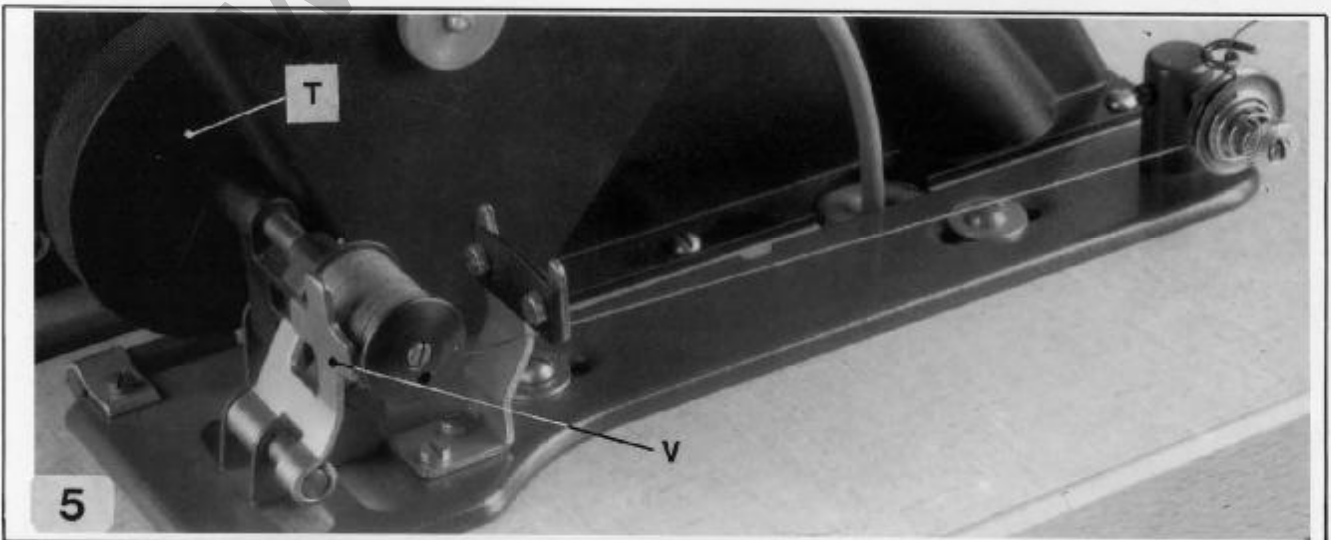
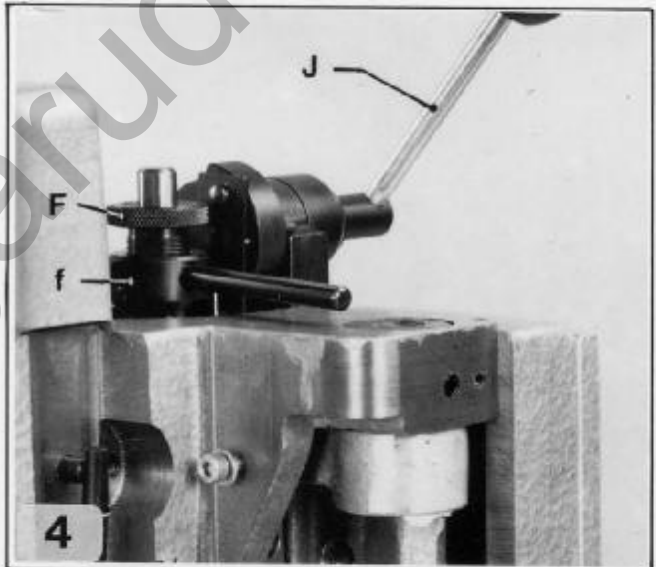
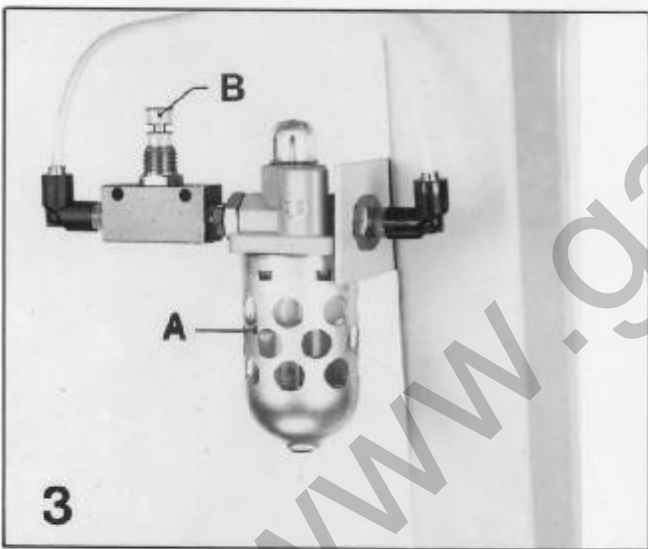
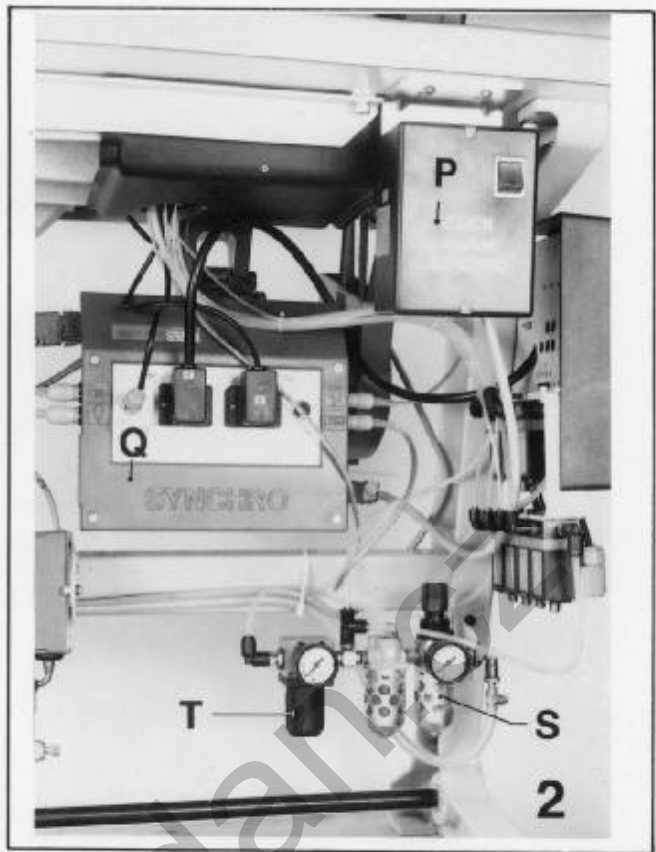
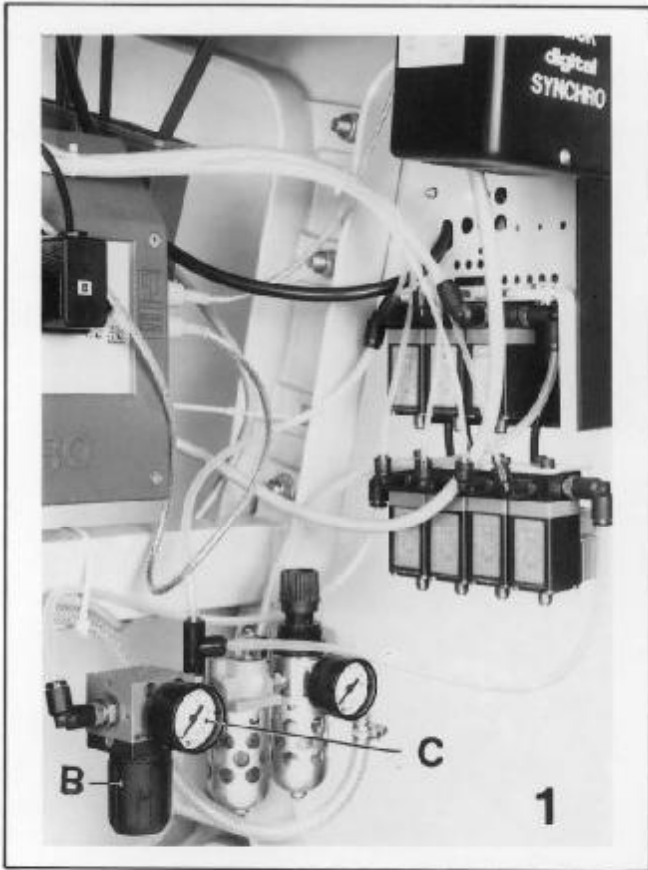
Viscosity bei 40° C : 66 mm²/s
Point of inflammation: 236° C

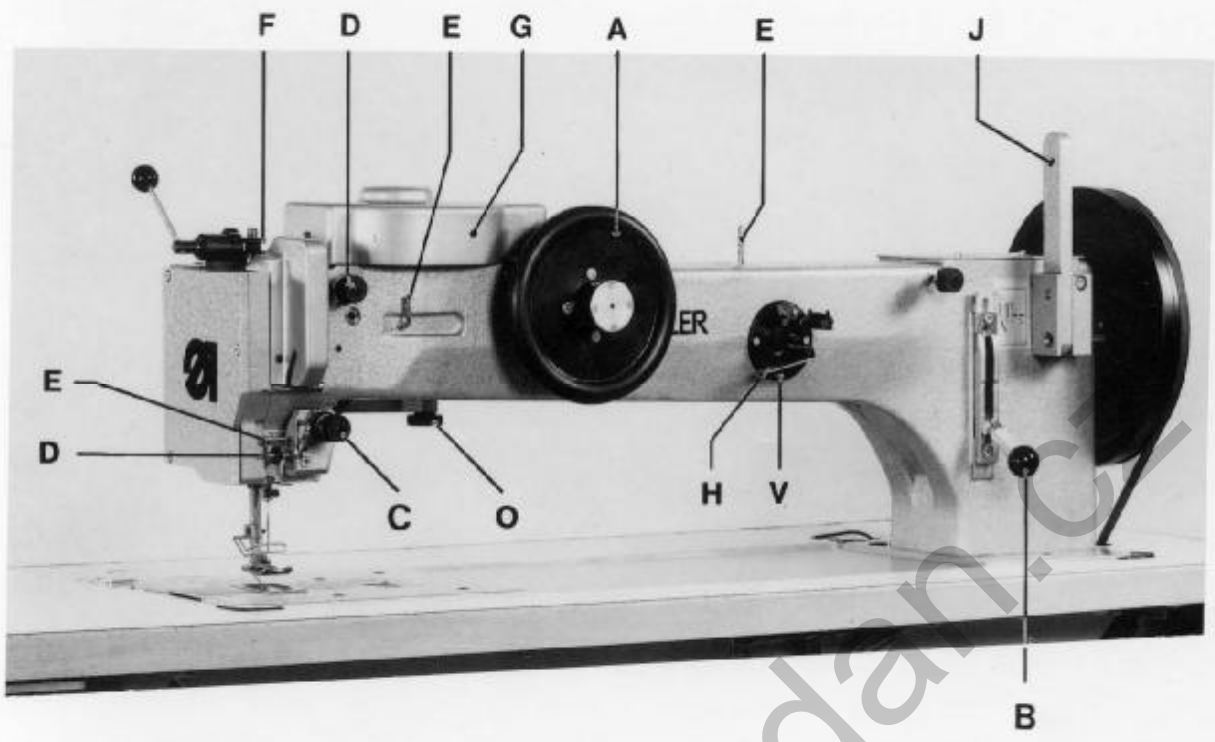
ESSO NUTO H 68 can be obtained from Dürkopp and Adler:

250 cm³: ref. no. 990 81 006 7
1 l : ref. no. 990 47 010 5

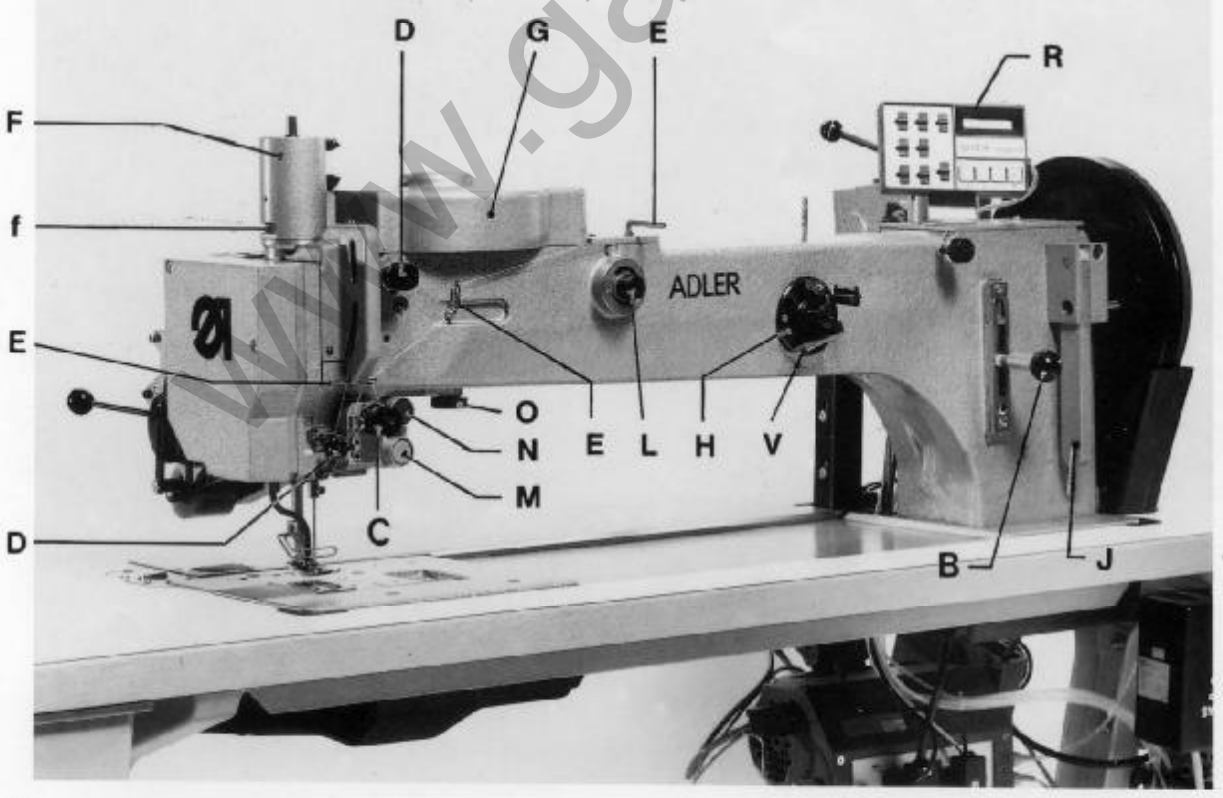
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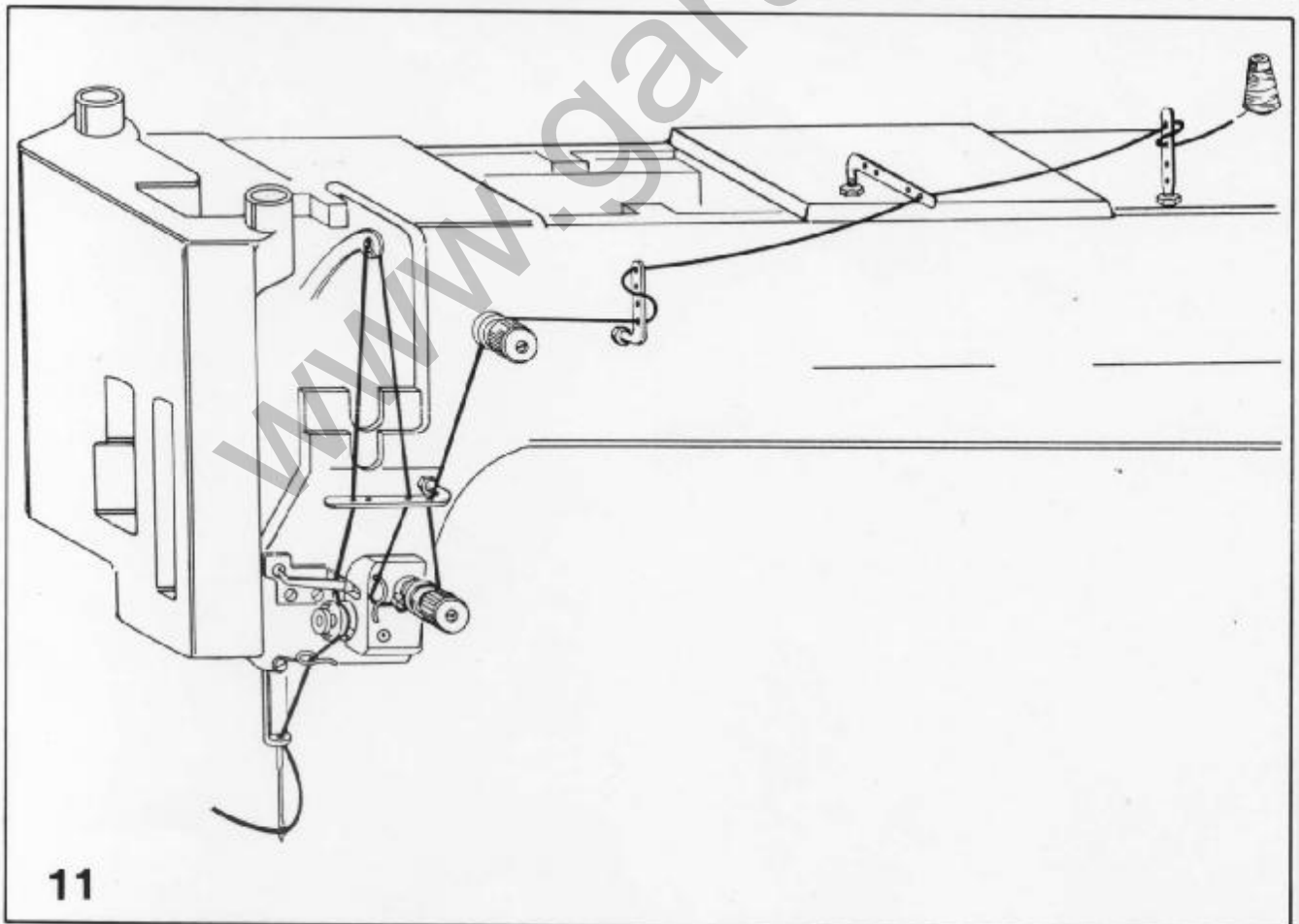
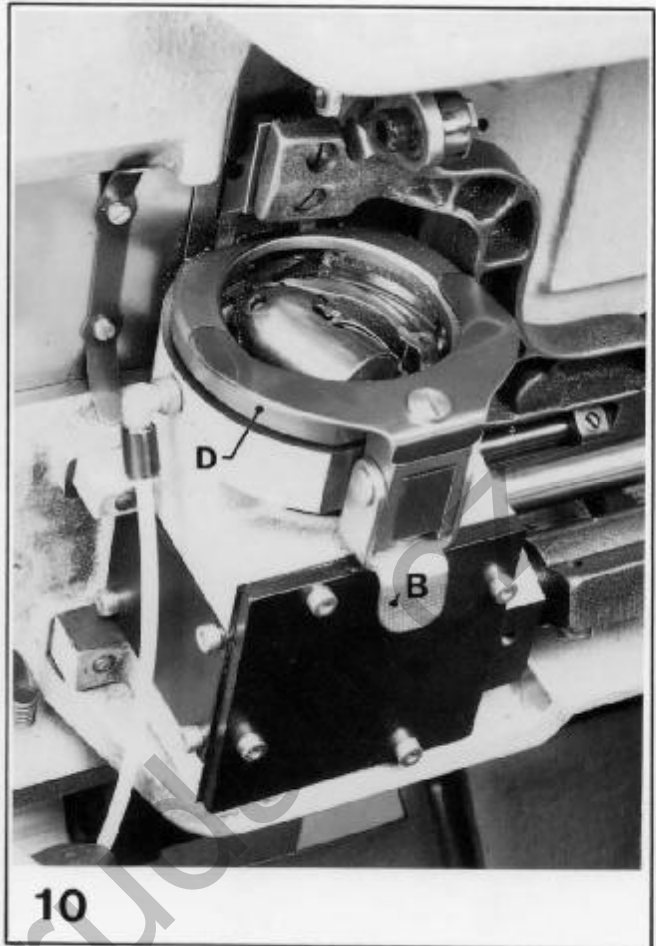
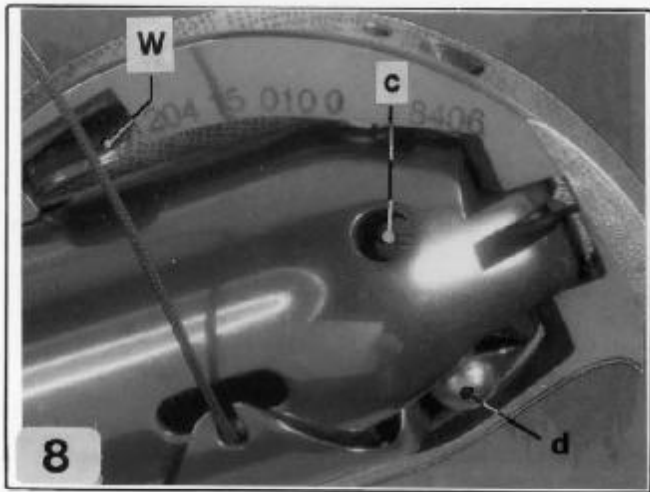


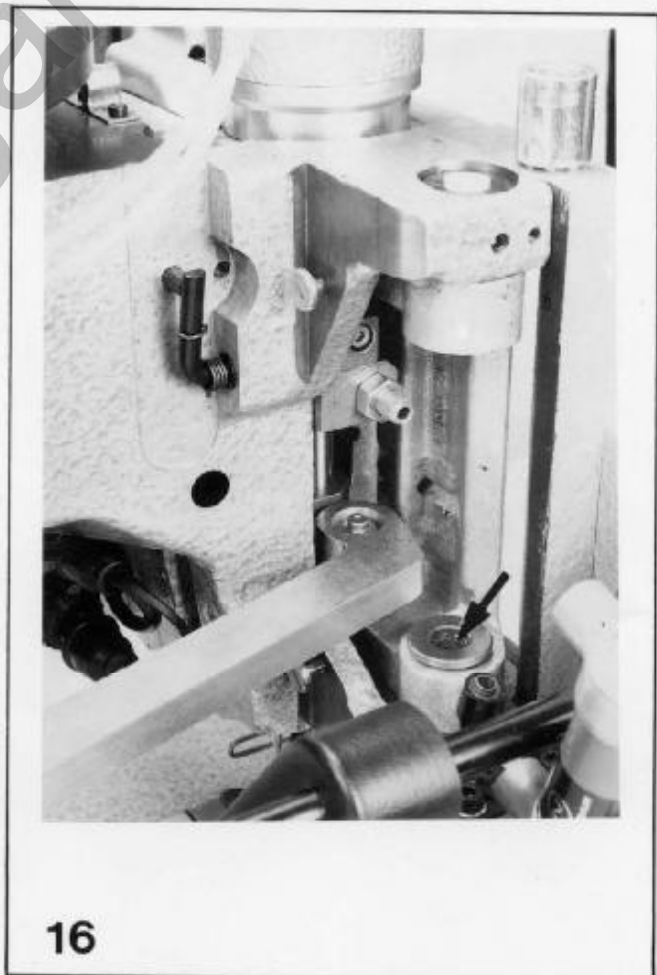
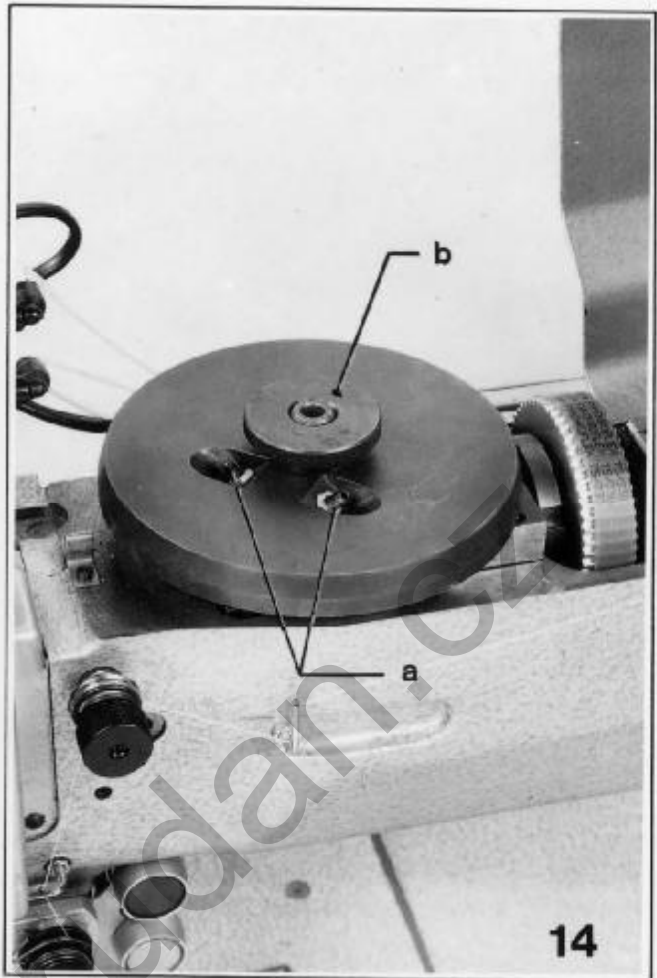
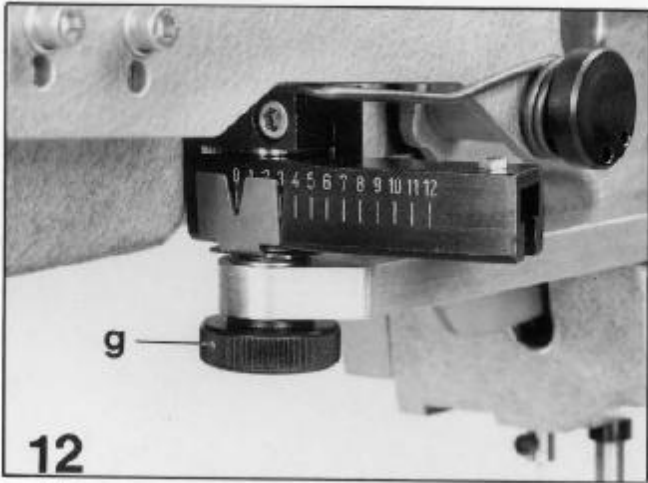


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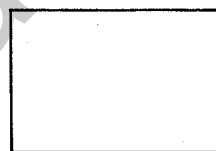
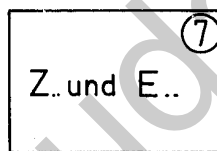
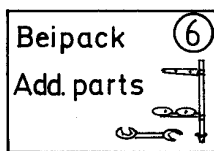
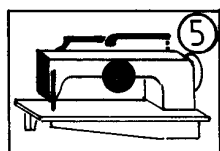
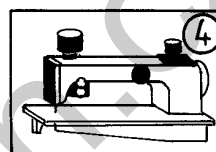
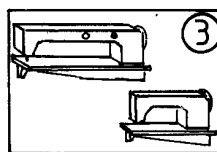
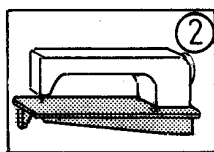
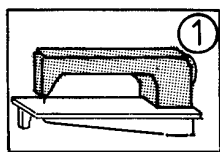


7





Klasse Class	besteht aus : consisting of:	Z..und E..
366-12	A1 + B2 + D1 + F1	H3, H4, H5
366-12-RDAP	A1 + B2 + C1 + F2	H1, H2, H3, H4, H5
366-76-12	A1 + B1 + D1 + E1 + F3	H3, H4, H5
366-76-12-RDAP	A1 + B1 + C1 + F4	H1, H2, H3, H4, H5



INFORMATION ZUR HANDHABUNG DER TEILELISTE

1. Allgemeines

1.1 Im Inhaltsverzeichnis sind die Teile-Nr. nach steigenden Nr. geordnet.

1.2 Teile-Nr. 993 91 081 7 Zyl.-Schr. M4 x 10 2 - B 10
 Benennung _____
 Abmessung _____
 Bildtafel Nr. (rechts und links oben in der Bildtafel eingekreiste Nr.) _____
 Planquadrat der jeweiligen Bildtafel _____

1.5 Zu einer Einheit gehörende Einzelteile sind durch eine strichpunktierte Linie eingerahmt. Die Einheit kann auch komplett unter der voll eingerahmten Teile-Nr. bestellt werden. Zu dieser Einheit gehören keine Teile, deren Nr. außerhalb der strichpunktierten Linie steht.

2.1 Verwendete Bildzeichen

N = nicht als Einzelteil lieferbar

Mg = mustergebunden, bei Ersatzteilebestellung bitte Muster einschicken oder Form-Nr. angeben

☞ = siehe Mechanikeranleitung

☛ = flüssig sichern, kleben, dichten
 Loctite 270, Nr.990 49 034 6



= Laenge oder Flaechе



= ohne Fadenabschneider



= mit Fadenabschneider



= links



= rechts



= Hinweis auf Unterscheidungsmerkmal

mm = Maße

V = veraltete Ausführung

d.W. = auf Wunsch

2.3 Sollten Sie ein Teil nicht in der Ersatzteilliste auffinden, was durch technische Änderungen vorkommen kann, dann geben Sie uns bitte zur Teile- und Funktionsbeschreibung, evtl. Teil skizzieren, die genaue Unterklasse und Fabrik-Nr. lt. Typenschild bekannt.

3. Elektro-Teile

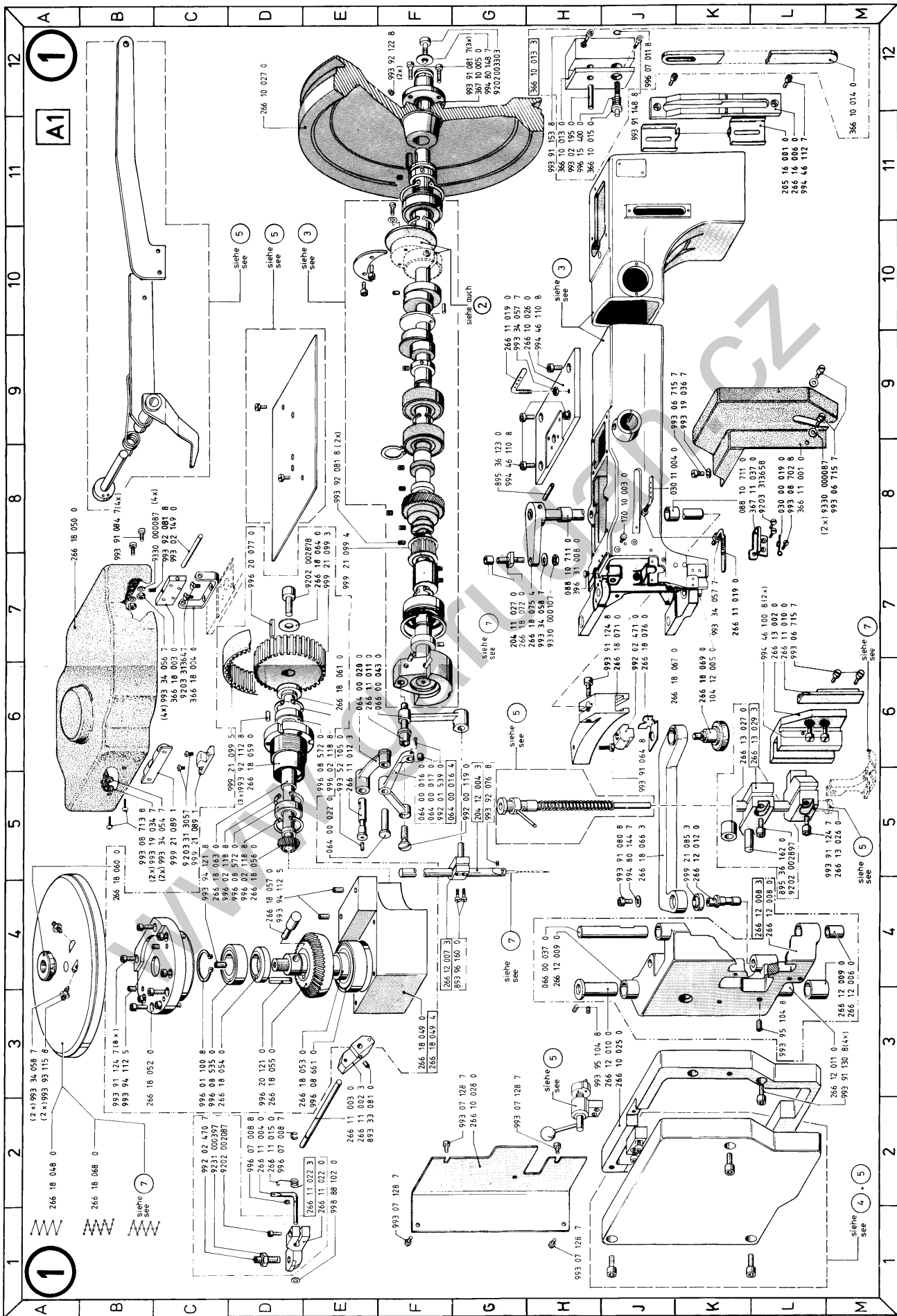
3.1 Bei Elektrokabeln und pneumatischen Schläuchen ist es erforderlich, die gewünschte Meterzahl anzugeben.

3.2 Bei Bestellungen von Elektroteilen bitten wir die zusätzlichen Angaben, die in Klammern hinter der Teile-Nr. stehen, mit anzugeben.

3.3 Elektroteile sind zum schnellen Auffinden im Lageplan mit einer Positions-Nr. gekennzeichnet. Die Teile sind wie in Punkt 1.5 beschrieben aufgeführt.

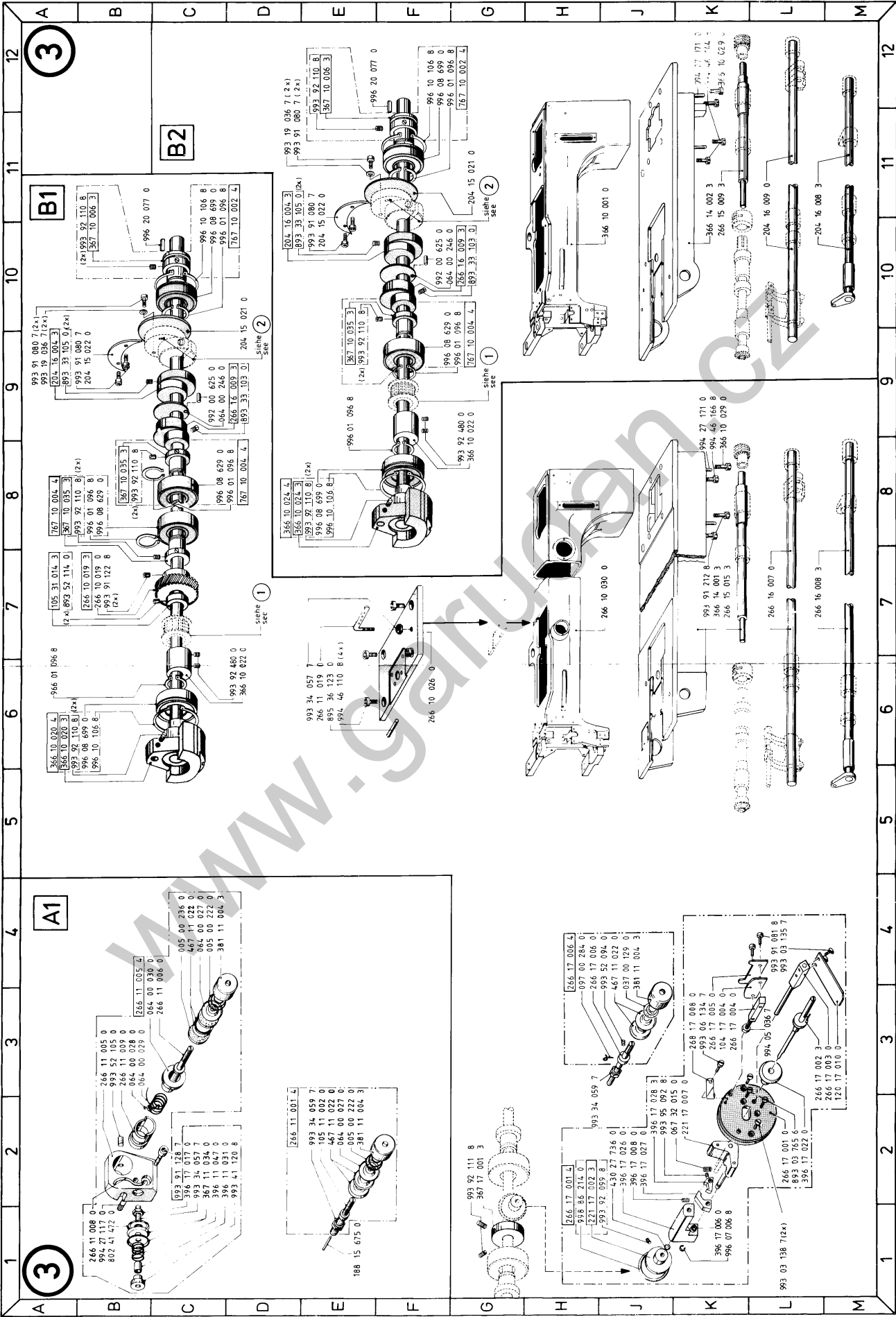
3.4 Nicht numerierte Elektroteile können nach der Bezeichnung z.B. "Transistor T6" oder "Widerstand 1K 0,5W" und der dazugehörigen Stromlaufplan-Nr. bestellt werden.

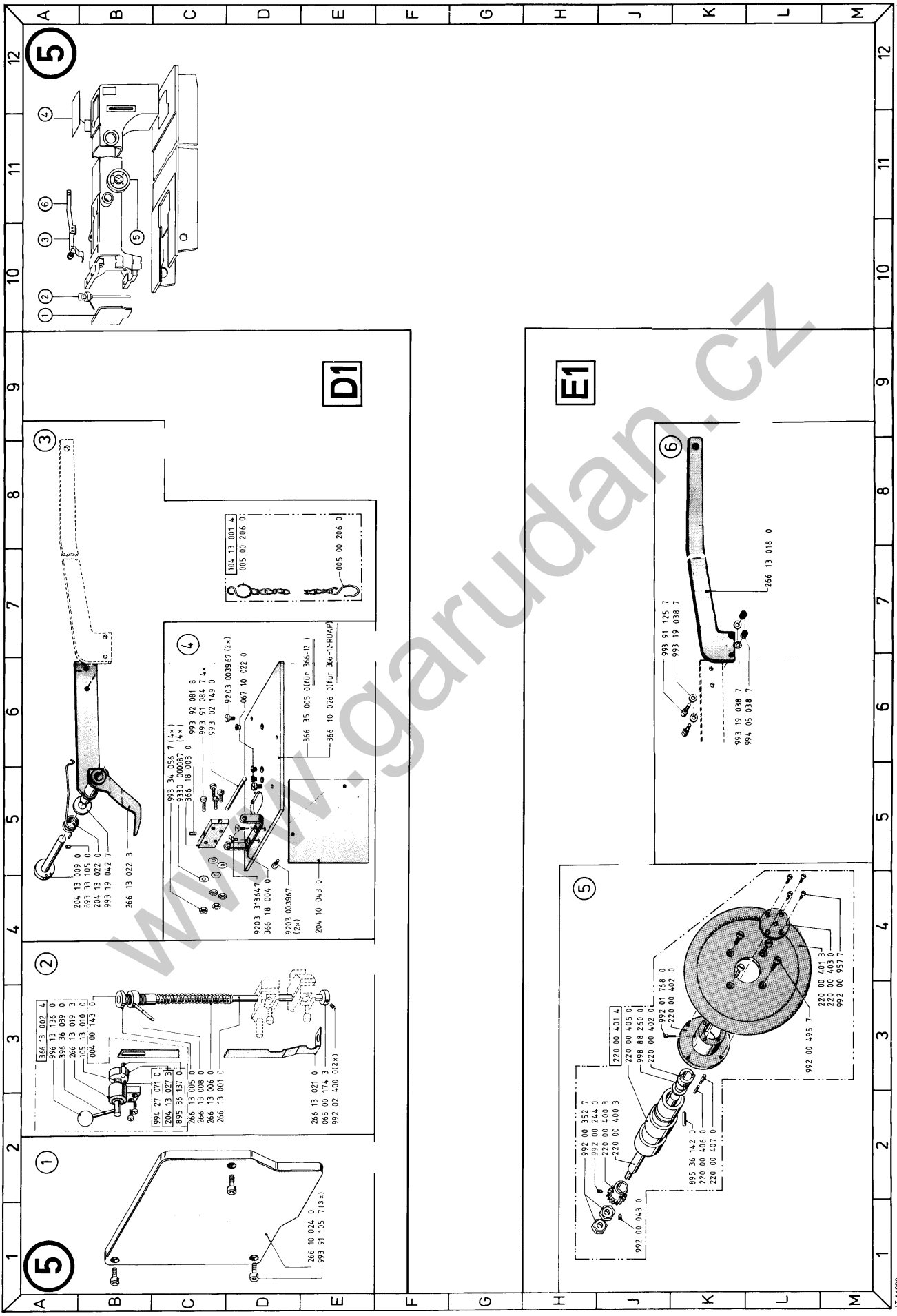
5. Jeder Nachdruck, auch der auszugsweise, ist nur mit unserer Genehmigung gestattet. Änderungen behalten wir uns vor.

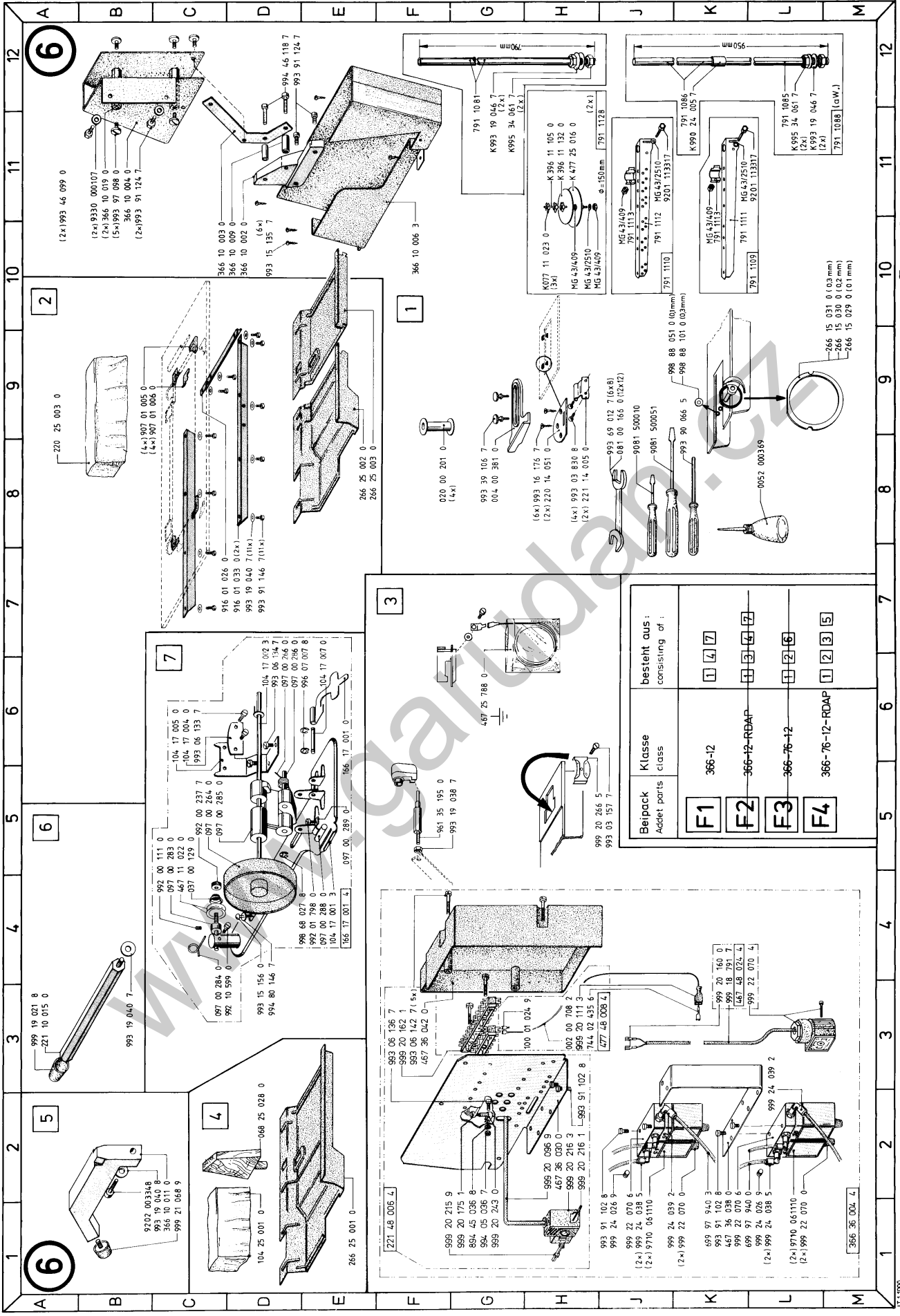


1
A1

1







6

2

7

6

5

6

1

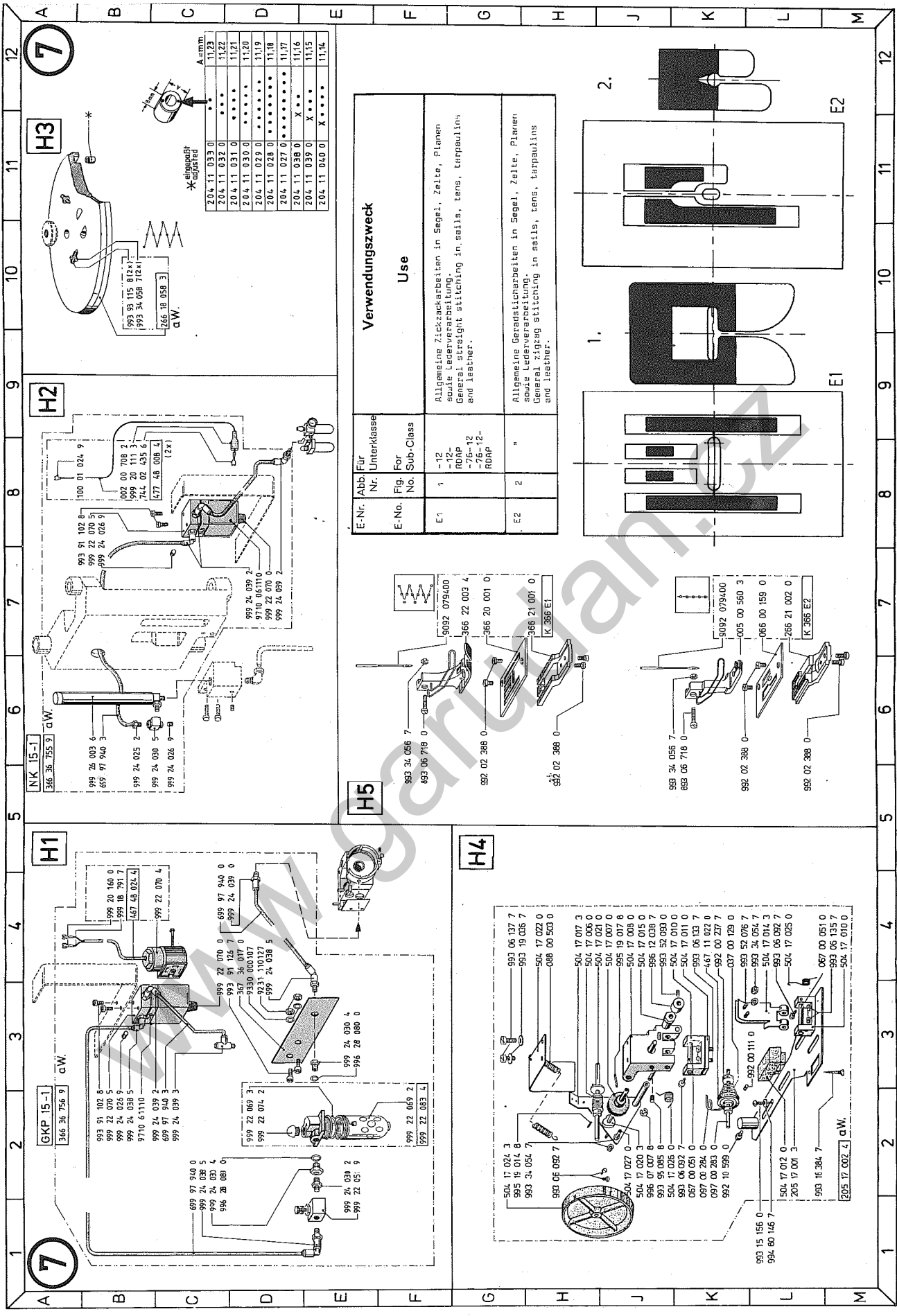
3

6

4

4

Beipack Addet parts	Klasse class	besteht aus: consisting of:
F1	366-12	1 4 7
F2	366-12-RDAP	1 3 4 7
F3	366-76-12	1 2 6
F4	366-76-12-RDAP	1 2 3 5



7

H3

H2

NK 15-1

H1

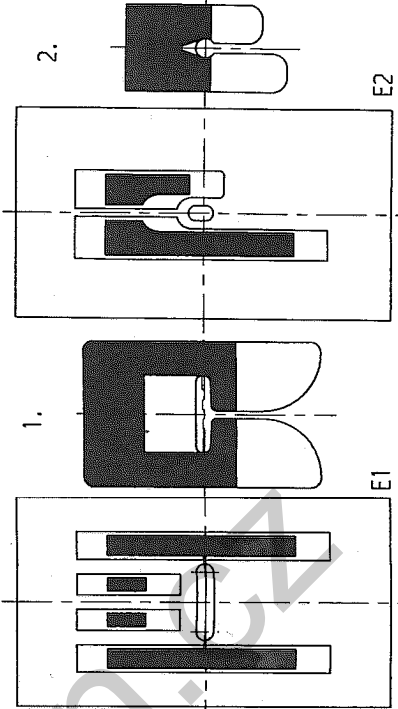
GKP 15-1

7

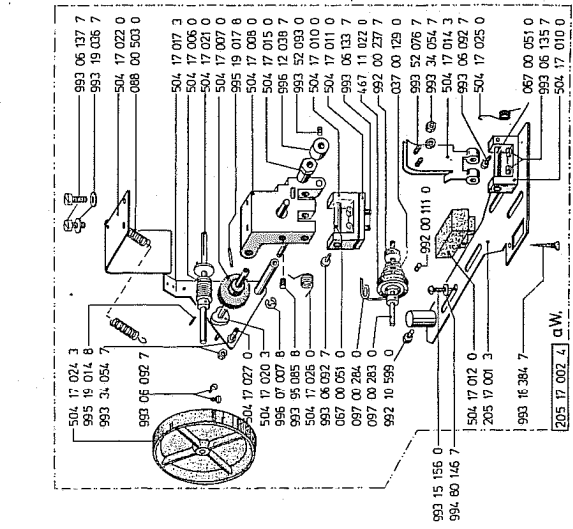
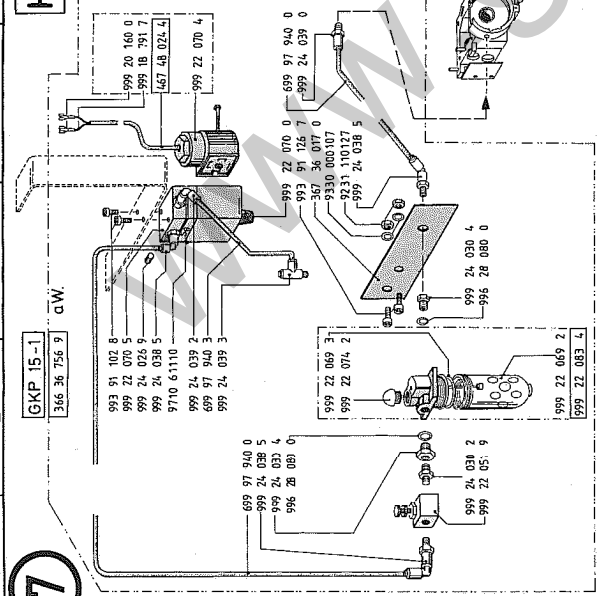
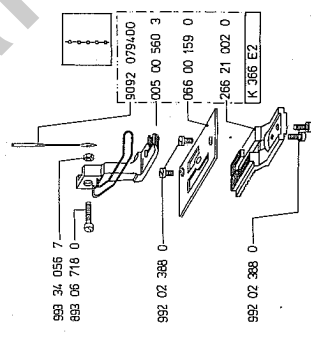
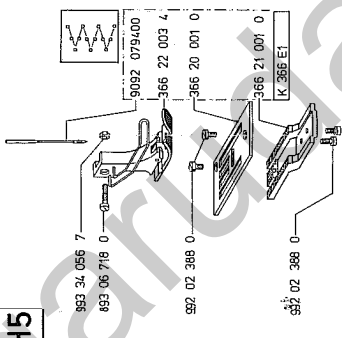
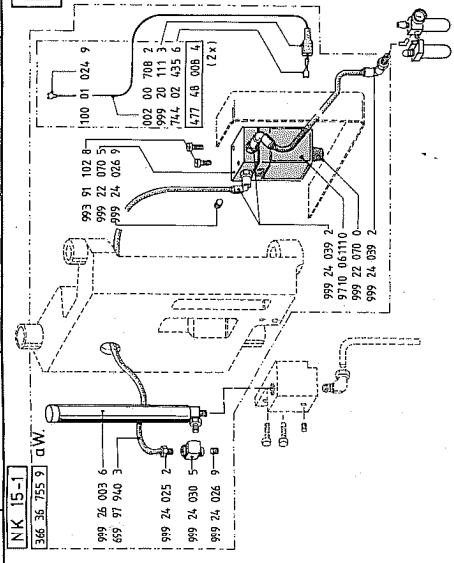
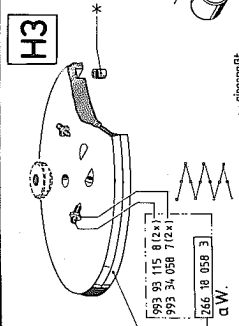
H5

H4

E-Nr.	Abb. Nr.	Für Unterklasse	Verwendungszweck
E-No.	Fig. No.	Sub-Class	Use
E1	1	-12 FDMP -7B-12 FDGP	Allgemeine Zickzackarbeiten in Segel, Zelte, Planen sowie Lederverarbeitung. General zigzag stitching in sails, tents, tarpaulins and leather.
E2	2	"	Allgemeine Geradsicherarbeiten in Segel, Zelte, Planen sowie Lederverarbeitung. General zigzag stitching in sails, tents, tarpaulins and leather.



A = mm	
204 11 033 0	11,23
204 11 032 0	11,22
204 11 031 0	11,21
204 11 030 0	11,20
204 11 029 0	11,19
204 11 028 0	11,18
204 11 027 0	11,17
204 11 038 0	11,16
204 11 039 0	11,15
204 11 040 0	11,14



Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel
KL. 366								
K002 00 708 2	ADERLEITUNG	6H3 788	K064 00 209 4	SCHARNIER KPL	2L5	K097 00 266 0	DREHFEDER	606
K004 00 143 0	HUELSE	583	K064-00-210-0-FUEHRUNGSBOLZEN	HINGE CPL	2H3	K097 00 284 0	FADENOESE	3H4 6C3 7K2
K004 00 230 3	STELLRING	2D6 2K9	K064 00 211 0	RIEDEL	2L5	K097 00 285 0	SPULERARM	6C5
K004 00 381 0	LINIAL	688	K064 00 212 0	DRUCKSTUECK	2K7	K097 00 288 0	BREMSSTUECK	6E4
K004 00 622 3	SCHIEBER	2C1	K064 00 213 0	GLEITSTUECK	2G2	K097 00 289 0	KLEINME	6E5
K004 00 623 0	FEDER	2C1	K064 00 213 0	GLEITSTUECK	2G2	K100 01 024 9	FLACHST.HUELSE	6H3 788
K005 00 193 0	FEDER	2J1 2K4	K064 00 238 0	KULISSENSTEIN	2A7	2.8		
K005 00 206 0	KETTENHAKEN	508 5E8	K064 00 246 0	SCHIEBE	3C9 3F10	K104 00 218 3	BOLZEN	2D4
K005 00 222 0	FEDER	3C4	K066 00 037 0	NADELST BUCHSE	1H4	K104 12 005 0	BUCHSE	1K6
K005 00 236 0	SCHIEBE	3C4	K066 00 043 0	GELENK	1E6	K104 13 001 4	KETTIE	508
K006-00-237-0-STIFT	STIFT	2C4	K066 00 149 0	SCHIEBER	2A2	K104 16 001 0	STOPFEN	2D4
K005 00 560 3	DRUECKERFUSS	7K7	K066 00 159 0	STICHPLATTE	7L7	K104 17 001 3	SPULERPLATTE	6E4
K020 00 201 0	SPULE	2L3 6F8	K066 00 207 0	DECKRING	2K6	K104 17 001 4	SPULERPLATTE	6E4
K030 00 019 0	FADEROSE	1L8	K066 00 217 0	TRAMP STANGE	2C9	K104 17 002 3	SPULERWELLE	6D6
K030 11 004 0	FADENFUERHRUNG	1K0	K066 00 220 3	KURBEL	2D6	K104 17 003 0	SCHIEBE	
K037 00 129 0	SPANNUNGSFEDER	3J4 6C4 6C5	K066 00 221 0	BOLZEN	2D8	K104 17 004 0	LEITBLECH	3K3 6C6
K064 00 016 0	FADENHEBEL	1F5	K066 00 222 3	KURBEL	2E8	K104 17 005 0	GLEITBLECHH.	6C6
K064 00 016 4	FADENHEBEL	1F5	K066 00 224 0	DELROHR	2F9	K104 17 007 0	BOLZEN	6E6
K064 00 017 0	FADENOESE	1F5	K067 00 051 0	BOLZEN	7K2 7L4	K104 25 001 0	HAIRBE G5	6D1
K064 00 020 0	GELENK	1E6	K067 10 022 0	EINSAZ	5D6	K105 11 002 0	BOLZEN	3E2
K064 00 022 0	NIET	1E5	K067 32 015 0	DRUCKFEDER	3K2	K105 11 008 0	ROLLENBOLZEN	2A9
K064 00 027 0	STEGSCHEIBE	3C4	K068 00 174 3	STELLRING	5E2	K105 13 010 0	DREHFEDER	5B3
K064 00 028 0	FADENANZUGFEDER	3B3	K068 00 533 0	SCHIEBE	2E11	K105 16 012 0	DRUCKSTUECK	2C7
K064 00 029 0	BUEGEL	3B3	K068 00 553 0	SCHIEBE	2E11	K105 16 013 0	GRIF	2D8
K064 00 030 0	REGLSCHEIBE	3B3	K081 00 059 0	KUGELOELER	2F12	K105 31 014 3	STELLRING	3A7
K064 00 174 0	BUCHSE	2E9	K081 00 166 0	HAUFSCHLUESSEL	6.18	K120 17 010 0	HEBEL	3M3
K064 00 178 0	BOLZEN	2E11	K088 00 503 0	ZUFEDER	7M4	K166 15 003 3	KEGELRAD	2G5
K064 00 205 0	SCHIFFCHENBAHN	2J3	K088 10 711 0	SINTERBUCHSE	1H7 1K8	K166 15 004 3	KEGELRAD	2E5
K064 00 208 0	FEDER	2L6	K089 00 250 0	DRUCKSTUECK	2L7	K166 16 022 3	GELENK	2H6
K064 00 209 0	SCHARNIER	2L5	K097 00 264 0	SPULERRAD	6C5	K166 17 001 0	AUSRUECKHEBEL	6E6
						K170 10 003 0	STOPFEN	1J8
						K170 11 029 2	TRAGSTIFT	4J5
						K171 15 027 0	GELENKLAGER	3E1
						K188 15 675 0	STIFT	3E1
						K204 10 043 0	DECKEL	5E4
						K204 12 004 3	MADELSTANGE	1G5
						K205 16 002 0	BOLZEN	2D8
						K205 17 001 3	PLATTE	7L2
						K205 17 002 4	SPULER K	7M2

Anderungen vorbehalten

Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel
K220 00 400 3	KUPPLUNGSMELLE COUPLING SHAFT VO.	5J2	K266 10 024 0	KOPFDECKEL	5E1	K266 13 018 0	HEBEL	5L7
K220 00 401 0	HANDRAD HANDWHEEL	5M4	K266 10 025 0	PLATTE	1J3	K266 13 019 3	LAGERBOCK V	5A3
K220 00 401 4	HANDRAD HANDWHEEL	5J3	K266 10 026 0	DECKEL	1G9 3F6	K266 13 022 3	HEBEL V	5E2
K220 00 402 0	FLANSCH	5J3 5K3	K266 10 027 0	HANDRAD	1D12 3B7	K266 13 024 0	STOFFDR.-STANGE	5B4
K220 00 403 0	KUPPL. SCHEIBE CLUTCH DISC	5M3	K266 10 028 0	SCHUTZKAPPE	4H5	K266 13 025 0	STOFFDR.-HUELSE	4E3
K220 00 405 0	BUCHSE BUSHING	5J3	K266 10 029 0	DECKEL	3J7	K266 13 026 0	KLOBEN	1M5
K220 00 406 0	DRUCKFEDER PRESSURE SPRING	5K2	K266 11 001 4	FADENSPIANNUNG	3D2	K266 13 027 0	ROLLE	1K6
K220 00 407 0	DRUCKSTIFT PRESSURE PIN	5K2	K266 11 002 3	DRUCKSTUECK	1E2	K266 13 028 0	ADAPTER	4D3
K220 00 409 0	KUPPLUNG COUPLER	5J3	K266 11 003 0	WELLE	1E2	K266 13 029 3	LUFTKLOBEN	1L6
K220 00 411 3	ZAHNRAD COG WHEEL	5J2	K266 11 004 0	HEBEL	1D2	K266 15 007 3	WELLE	2E11
K220 14 051 0	SCHARNIERBLECH HINGE PLATE	6H8	K266 11 005 0	TRAEGER	3B3	K266 15 007 4	WELLE	2D11
K220 15 013 0	SCHEIBE DISC	2D4	K266 11 005 4	SPANNING PLATTE	3B3	K266 15 008 0	STIRNRAD	2F9
K220 25 003 0	HAUBE COVER	6A9	K266 11 006 0	SPANNUNGSBOLZEN	3C3	K266 15 009 3	WELLE	3K11
K221 10 015 0	STUETZE 6KT.	6A3	K266 11 008 0	BUEGEL	3B1	K266 15 011 3	WELLE	2F12
K221 13 008 0	KUPPLUNGSSTOCK	4C3	K266 11 009 0	BUCHSE	3B3	K266 15 015 3	WELLE	3K7
K221 13 009 0	KUPPLUNGSSTUECK COUPLING PIECE	4C3	K266 11 010 0	FUEHRUNGSSTUECK	1L7	K266 15 016 3	STELLRING	2F9
K221 13 010 0	STEBBOLZEN BOLT	4D3	K266 11 011 0	BOLZEN	1E6	K266 15 017 0	SCHIFF. BAHNLAG.	2F4
K221 13 011 0	DRUCKSTUECK PRESSURE PIECE	4C3	K266 11 012 3	BOLZEN	1E5	K266 15 019 0	ZUGSTANGE V	2B11
K221 13 012 0	HUELSE BUSH	4A3	K266 11 015 0	DREHFEDER SPRING	1D2	K266 15 019 4	ZUGSTANGE V	2C11
K221 13 013 0	DRUCKFEDER PRESSURE SPRING	4C3	K266 11 019 0	FADENFUEHRUNG THREAD GUIDE	1G9 1K7 3E5	K266 15 020 0	BUCHSE	2E5 2F6
K221 14 005 0	SCHARNIER HINGE	6H8	K266 11 022 0	KLOBEN	1E2	K266 15 021 0	BUCHSE	2F9
K221 17 002 3	SPULERRAD WINDER WHEEL	3H1	K266 11 022 3	KLOBEN	1E2	K266 15 022 0	FLANSLAGER	2E2
K221 17 007 0	SPULERBOCK WINDER BLOCK	3K2	K266 11 023 0	KLOBEN	1M4	K266 15 023 3	TREIBERWELLE	2G5
K221 36 028 0	KABELKANAL	4A8	K266 12 006 0	BUCHSE	1M4	K266 15 024 0	TREIBERBOLZEN	2G5
K221 48 006 4	STEUERUNG K	6F1	K266 12 007 3	KLOBEN	1F4	K266-15-025-0	KEHRRING	2E7
K266-10-001-0-ARM	ARM	3J11	K266 12 008 0	SCHWINGE	1L4	K266 15 026 0	DECKEL	2F1
K266 10 019 3	SCHRAUBENRAD HELICAL WHEEL	3B7	K266 12 009 0	BUCHSE	1M4 1M3	K266 15 027 3	WELLE V	2F5
			K266 12 010 0	BOLZEN	1J3	K266 15 028 3	TREIBER	2H6
			K266 12 011 0	BOLZEN	1M3	K266 15 029 0	PASZSCHEIBE	2J3 6M9
			K266 12 012 0	EXZ. BOLZEN	1K5	K266 15 030 0	PASZSCHEIBE	2J3 6M9
			K266 13 001 0	STOFFDR. STANGE FOOT BAR	5C2	K266 15 031 0	PASZSCHEIBE	2J3 6M9
			K266 13 002 0	FUEHRUNG GUIDE	1L7	K266 15 032 0	DECKBLECH	2F2
			K266 13 005 0	DISTANZHUELSE DISTANCE SLEEVE	5C2	K266 16 006 0	ANSCHLAG GUIDE	1L11
			K266 13 006 0	DRUCKFEDER PRESSURE SPRING	5C2	K266 16 007 0	VORSCHUBWELLE	3L7
			K266 13 008 0	BOLZEN BOLT	5C2	K266 16 008 3	HUBWELLE	3L7
						K266 16 009 3	EXZENTER	3D9 3G10
						K266 16 013 0	BUCHSE	2J7
						K266 16 014 0	BUCHSE	2D4 2D9 2E6
								2J9

Änderungen vorbehalten

Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel
K366 10 009 0	DISTANZROHR	6D10	K367 36 017 0	HALTER	7D3	K504 15 017 0	DREHFEDER	2J6 2K1	K893 33 105 0	GEWINDESTIFT	3A9 3D10
K366 10 011 0	OBERTEILSTUEZTE	6C1	K367 36 765 4	WARTUNGSEINHEIT	4H10	K504 17 006 0	SCHNECKE	7H4	K893 52 114 0	GEWINDESTIFT	2E9
K366 10 012 0	DECKEL	4D7		CONDITION UNIT		K504 17 007 0	SCHNECKENRAD	7J4			
K366 10 013 0	BOCK	1H11	K381 11 004 3	KABELMUTTER	3C4 3J4	K504 17 008 0	SPULERARM	7K4 7H4			
K366 10 013 3	KIPPEBEL	1H12		WURLED NUT		K504 17 010 0	LAGER	7K4			
K366 10 014 0	HEBEL	1H11	K396 11 031 0	BUCHSE	3C2	K504 17 011 0	PLATTE	7L2			
K366 10 015 0	BOLZEN	2A3	K396 11 047 0	DRUCKFEDER	3C2	K504 17 012 0	BREMSE	7L4			
K366 10 016 0	DECKEL	4L3	K396 11 105 0	ROLLENSTIFT	6H11	K504 17 013 0	AUSRUECKHEBEL	7J4			
K366 10 017 0	SCHALTERBLECH		K396 11 132 0	SCHETBE	6H11	K504 17 017 3	FADENLEGER	7H4			
	TE VERSUCH		K396 11 132 0	SCHETBE		K504 17 020 3	KURVENSCHETBE	7J2			
K366 10 019 0	DISTANZMUTTER	6B11	K396 17 006 0	HUELSE	3K1	K504 17 021 0	SPULERWELLE	7H4			
K366 10 020 3	ARMELLE	3A6	K396 17 006 0	HUELSE		K504 17 022 0	ABDECKBLECH	7H4			
K366 10 020 4	ARMELLE	3A6	K396 17 006 0	HUELSE		K504 17 024 3	SPULERRAD	7G2			
K366 10 022 0	AUSG. EXZENTER	306 3G8	K396 17 008 0	DRUCKFEDER	3J2	K504 17 025 0	DREHFEDER	7L4			
K366 10 024 3	ARMELLE	308	K396 17 017 0	GEWINDEBOLZEN	3C2	K504 17 026 0	AUSRUECKFEDER	7J2			
K366 10 024 4	ARMELLE	308	K396 17 017 0	GEWINDEBOLZEN		K504 17 027 0	BOLZEN	7J2			
K366 10 026 0	DECKEL	5E6	K396 17 022 0	BUCHSE	3L2	K504 34 043 0	DISTANZBOLZEN	4A9			
K366 10 027 0	KABELKANAL	4B8	K396 17 022 0	BUCHSE		K699 97 040 2	SCHLAUCH	4H11			
K366 11 001 0	FADENH. SCHUTZ	1L8	K396 17 022 0	BUCHSE							
K366 13 002 4	LUEFTERHEBEL	5A3	K396 17 025 3	SPULERBOCK		K699 97 940 0	SCHLAUCH	6L1 7B5			
K366 14 001 0	GRUNDPLATTE	3K7	K396 17 025 3	SPULERBOCK		2.7LHX65		7C2 7C4			
K366 14 002 0	GRUNDPLATTE	3K11	K396 17 026 0	ARM	3J2	K699 97 940 0	SCHLAUCH	4H8 6K1			
K366 18 003 0	BOCK	5C5 106	K396 17 026 0	ARM		4LWX1		7B5			
K366 18 004 0	GABEL	5D4 106	K396 17 027 0	KLOBEN	3J2	K744 02 435 6	FLACHST. HUELSE	6H3 7B8			
K366 20 001 0	STICHPLATTE	7G7	K396 17 027 0	KLOBEN							
K366 21 001 0	TRANSPORTEUR	7H7	K396 17 027 0	KLOBEN		K767 10 002 4	LAGERHUELSE K	3D10 3G12			
			K396 17 028 3	NOCKEN	3J2		HINTEN				
K366 35 001 3	DUESE V	4C5	K396 17 028 3	NOCKEN		K767 10 004 4	LAGERHUELSE K	3A8 3D8 3G9			
K366 35 004 4	ZYLINDER	4J5	K396 17 028 3	NOCKEN			MITTE	3B1			
	F. STICHTSTELLER		K396 17 029 2	BOLZEN		K802 41 472 0	SCHETBE	3L2			
K366 35 005 0	DECKEL	6E6	K396 31 008 0	STOPFEN	1H7		DISC				
K366 36 003 0	HALTER	4B5	K396 36 039 0	ZUGSTANGE	5A3	K803 03 765 6	SEWKSCHRAUBE				
K366 36 004 4	GESTELLSATZ K	6H1	K430 27 736 0	SCHETBE	3J2		SCREW				
	ROADP15		K467 11 022 0	SPANNSCHETBE	3E2 7K4 6C5	K803 06 642 7	SCHRAUBE	2J1 2K4			
K366 36 005 4	HART. EINWEIT. K	4L10	K467 11 022 0	SPANNSCHETBE			M2.5X4				
K366 36 755 9	MADELKUEHLUNG K	7A5	K467 25 788 0	NZ-ERDUNG	666	K803 06 673 7	SCHRAUBE	2E2			
K366 36 756 9	GREIFERKUEHL. K	7A2	K467 36 030 0	BLECH	6H2		SCREW				
K366 48 001 4	POTT. H. LEIT. K	4C9	K467 36 030 0	BLECH		K803 06 718 0	ZYL. SCHR.	7F5 7K5			
	F. DREHZAHLEINSTEL.		K467 36 038 0	PLATE	6K1		PHX16				
K367 10 005 0	FLANSCH	1G12	K467 36 042 0	ARBECKUNG	6F3	K893 08 558 0	SCHRAUBE	2E2 2H6			
			K467 48 024 4	KABEL K	7B4		SCREW				
K367 10 006 3	LAGERBUCHSE	3B10 3E12	K467 48 024 4	KABEL K		K893 21 101 8	FEDERRING	2J1 2J4			
	BEARING BUSH		K467 80 022 0	SPANNSCHETBE	7K4		SPRING RING				
K367 10 020 3	ARMELLE	3A6	K477 15 046 3	STELLRING	2F5 2F6 2G6	K893 33 081 0	GEWINDESTIFT	1E2			
K367 10 020 4	ARMELLE	3A6	K477 25 016 0	GARNTELLER	6H11		THREADED PIN				
K367 10 035 3	LAGERHUELSE	3A8 3B8 3E9	K477 25 016 0	GARNTELLER		K893 33 103 0	GEWINDESTIFT	2E6 2E9 2F12			
	BEARING BUSH		K477 35 118 0	MITTEL	4J10		THREADED PIN	2J9 309 3G10			
K367 11 034 0	ROLLE	3C4 3H7	K477 48 008 4	KABEL K	6J3 7C8		M6X6				
	ROLLER			MAGNETVENTIL							
K367 11 037 0	FADENLOSE	1L8	K477 48 008 4	KABEL K							
	THREAD LOOP			MAGNETVENTIL							
K367 15 027 0	FEDER	2K4 2M1		ADJ RING							
	SPRING			YARN DISC							
K367 17 001 3	MITNÄHRUNG	3C2		YARN DISC							
	RING										
	F. SPULER										

Änderungen vorbehalten

Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel
K990-01-006-1	SCHRAUBENDREHER	6JB	K992 02 388 0	SCHRAUBE	267 765 7H5 7K5 7L5	K993 06 136 7	SCHRAUBE	2H2 6F3	K993 19 038 7	SCHLEIBE	1H7 5K6 5K7 5B1T 605 7B5
K990-01-006-2	SCHRAUBENDREHER	6JB	K992 02 400 0	GEWINDESTIFT	5E2	K993 06 137 7	ZYL.SCHR.	7G4	K993 19 040 7	SCHLEIBE	6C1
K992 00 043 0	GEWINDESTIFT	5J1	K992 02 470 7	GEW-STIFT	1C2	K993 06 142 7	SCHRAUBE	6F3	K993 19 042 7	SCHLEIBE	5B4
K992 00 065 0	MUTTER	2K6	K992 02 471 0	MUTTER	1J7	K993 06 156 7	SCHRAUBE	4J6 4K5 4K5 5K5 5B4	K993-19-045-7	SCHLEIBE	4J1
K992 00 102 0	KEGELSTIFT	2E5 2G5	K992 10 599 0	ZYL.SCHR.	6D3 7K2	K993 06 642 0	SCHRAUBE		K993 19 046 7	SCHLEIBE	6G11 6L11
K992 00 111 0	GEN-STIFT	5C4 7L3	K993 02 195 0	ZYL STIFT	1H11	K993 06 673 0	ZYL.SCHR.		K993 33 081 0	GEWINDESTIFT	
K992 00 119 0	SCHRAUBE	1G5	K993 03 134 7	SEIKSCHRAUBE	5D4	K993 06 715 7	SCHRAUBE	1J9 1L7 1M8	K993 33 103 0	GEWINDESTIFT	
K992 00 237 7	RAEDELNUTTER	6C5 7K4	K993 03 135 7	SEIKSCHRAUBE	3L4	K993 06 718 0	ZYL.SCHR.		K993 33 105 0	GEWINDESTIFT	
K992 00 244 0	GEWINDESTIFT	5H2	K993 03 136 7	SEIKSCHRAUBE	3L1	K993 06 737 7	SCHRAUBE		K993 34 054 7	MUTTER	1C5 7H2 7L4
K992 00 352 7	MUTTER	5H2	K993 03 154 7	SEIKSCHRAUBE		K993 07 128 7	SCHRAUBE	1F1 1G2 1H1	K993 34 056 7	MUTTER	1C8 5C5 7F5 7K5
K992 00 495 7	SEIKSCHRAUBE	5L3	K993 03 157 7	SEIKSCHRAUBE	6J5	K993 07 145 7	SCHRAUBE		K993 34 057 0	CKT.MUTTER	1C9
K992 00 625 0	ZYL STIFT	3C9 3F10	K993 03 766 7	SEIKSCHRAUBE	4D7	K993 07 145 7	SCHRAUBE		K993 34 057 7	MUTTER	1K7 3C2 3E6
K992 00 661 0	GEWINDESTIFT	2M7	K993 03 830 8	SEIKSCHRAUBE	6H8	K993 08 701 8	HALBRD.SCHR.	1B6 4K4	K993 34 058 7	MUTTER	1A3 1H7 2G9 2H6 7B10
K992-00-702-0	ROELLE	1G7	K993 06 044 0	ZYL.SCHR.	2K4 2L1	K993 15 135 7	HOLZSCHRAUBE	6D10	K993 34 059 7	MUTTER	1C2 2A9 2H10
K992-00-748-0	SCHAEFERSCHRAUBE	2H4	K993 06 092 7	SCHRAUBE	7H2 7K2 7L4	K993 15 156 0	HALBRD.SCHR.	6D3 7L1	K993 41 120 8	RAEDELNUTTER	3H2
K992 00 957 7	SEIKSCHRAUBE	5M3	K993 06 094 7	SCHRAUBE	1B5-1C5	K993 16 118 0	SEIKSCHRAUBE		K993 41 120 8	RAEDELNUTTER	3D2
K992 01 265 7	SCHRAUBE	2M6	K993 06 133 7	ZYL.SCHR.	7K4	K993 16 176 7	SEIKSCHRAUBE	6H8	K993 52 076 7	GEW-STIFT	7K4
K992 01 508 7	SCHRAUBE	2K7 2L5	K993 06 134 0	ZYL.SCHR.	4A7	K993 16 384 7	SEIKSCHRAUBE	7L2	K993 52 093 0	GEWINDESTIFT	2D9 7J4
K992 01 539 0	SCHRAUBE	1F5	K993 06 134 7	SCHRAUBE	3K3	K993 19 034 7	SCHLEIBE	1B5	K993 52 094 0	GEWINDESTIFT	3J4 4B5
K992 01 768 0	SCHRAUBE	5J3	K993 06 135 7	SCHRAUBE	7H4	K993 19 036 7	SCHLEIBE	1C8 1K9 1L8 3A9 3D11 4A7	K993 52 106 0	GEWINDESTIFT	1E5
K992 01 798 0	LL.ZYL.SCHRAUBE	6D6	K993 06 135 7	SCHRAUBE		K993 19 037 7	SCHLEIBE	5C5 7G4	K993 52 114 0	GEWINDESTIFT	2D6
	NR. 40X5.5										

Änderungen vorbehalten

Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel
K993 52 115 0	GEWINDESTIFT THREADED PIN		K993 91 113 8	SCHRAUBE	483 4E1	K993 92 099 8	GEH-STIFT		K994 27 140 0	KERBSTIFT	
K993 52 119 0	GEH-STIFT		K993 91 122 8	ZYL.-SCHR.	147 3B7	K993 92 110 8	GEH-STIFT		K994 27 171 0	KERBSTIFT	3K9 3K12
K993 53 127 0	GEWINDESTIFT THREADED PIN		K993 91 123 7	SCHRAUBE	204 2J11	K993 92 111 8	GEH-STIFT		K994 38 030 8	SPANNHUELSE	
K993 54 101 0	MUTTER		K993 91 124 7	SCHRAUBE	183,145 1M5	K993 92 112 8	GEWINDESTIFT	105	K994 38 065 8	SPANNHUELSE	
K993 69 012 7	SCHLUESSEL	608	K993 91 124 7	SCHRAUBE	6D12	K993 92 122 8	GEH-STIFT	1F12	K994 46 071 7	ZYL.-SCHR.	2A3
K993 80 066 5	SCHRAUBENDREHER	6K8	K993 91 124 8	SCHRAUBE	137	K993 92 126 7	GEWINDESTIFT		K994 46 100 8	ZYL.-SCHR.	1L7
K993 91 064 8	SCHRAUBE	1J5	K993 91 125 7	SCHRAUBE	2E7 216 2J8	K993 93 115 8	GEH-STIFT	1A3 7B10	K994 46 110 8	SCHRAUBE	1G8 1H9 3E6
K993 91 080 7	SCHRAUBE	3A9 3B9 3D11	K993 91 126 7	SCHRAUBE	547	K993 93 117 8	GEH-STIFT	2A7	K994 46 112 7	SCHRAUBE	1L11
K993 91 080 8	ZYL.-SCHR.	1J7	K993 91 127 7	SCHRAUBE	2E8 7D3	K993 93 133 8	GEWINDESTIFT		K994 80 144 7	SCHIEBE	1J5
K993 91 081 7	SCHRAUBE	1G12	K993 91 128 7	SCHRAUBE	3C2 4D3	K993 94 121 8	GEWINDESTIFT	1C4	K994 80 146 7	SCHIEBE	3K8
K993 91 081 8	ZYL.-SCHR.	3L4	K993 91 130 8	SCHRAUBE	1M3	K993 94 121 8	GEWINDESTIFT		K994 80 147 7	SCHIEBE	1J5
K993 91 082 7	SCHRAUBE	2F1	K993 91 134 7	SCHRAUBE	2H6	K993 94 121 8	GEWINDESTIFT	1C4	K994 80 148 7	SCHIEBE	1G12
K993 91 083 7	SCHRAUBE	1C2	K993 91 146 7	SCHRAUBE	6D7	K993 95 085 0	GEH-STIFT	7J2	K994 80 149 7	SCHIEBE	1J5
K993 91 083 8	SCHRAUBE	2E2	K993 91 148 8	ZYL.-SCHR.	1J11	K993 95 092 8	GEH-STIFT	3J2	K994 80 149 7	SCHIEBE	1G12
K993 91 084 7	SCHRAUBE	4A5 5C6 1B8	K993 91 148 8	ZYL.-SCHR.	2G2	K993 95 104 8	GEH-STIFT	1H3 1I3	K994 80 149 7	SCHIEBE	1G12
K993 91 091 8	SCHRAUBE	4A5 6H2 6J1	K993 91 149 8	ZYL.-SCHR.	2G2	K993 96 160 0	FL.-KOPFSCHR.		K994 80 149 7	SCHIEBE	1G12
K993 91 102 6	SCHRAUBE	7B2 7D7	K993 91 151 8	SCHRAUBE	6B1	K993 97 097 7	SCHRAUBE	4C3	K994 80 149 7	SCHIEBE	1G12
K993 91 104 7	SCHRAUBE	2C11 2E11 4A2	K993 91 153 8	ZYL.-SCHR.	1H11	K993 97 098 0	FL.-KOPFSCHR.	6B11	K994 80 149 7	SCHIEBE	1G12
K993 91 105 8	ZYL.-SCHR.	4E1 5E1	K993 91 232 8	ZYL.-SCHR.	3K3	K994 04 210 8	6KT.-SCHR.		K994 80 149 7	SCHIEBE	1G12
K993 91 106 8	ZYL.-SCHR.	2C7	K993 91 549 8	SCHRAUBE	2C10	K994 05 036 7	6KT.-MUTTER	3L3 4K2 6G1	K994 80 149 7	SCHIEBE	1G12
			K993 91 559 7	SCHRAUBE	1G12	K994 05 037 7	MUTTER	4B3 4HT 5L6	K994 80 149 7	SCHIEBE	1G12
			K993 92 076 8	GEWINDESTIFT	1G6	M6	MUTTER		K994 80 149 7	SCHIEBE	1G12
			K993 92 081 8	GEWINDESTIFT	1E7 1C8 5C6	M6	MUTTER		K994 80 149 7	SCHIEBE	1G12
			K993 92 088 8	GEWINDESTIFT	2F6	M6	MUTTER		K994 80 149 7	SCHIEBE	1G12
			M5X5	THREADED PIN		M6	MUTTER		K994 80 149 7	SCHIEBE	1G12

Änderungen vorbehalten

Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel	Teil-Nr.	Benennung	Bildtafel
K996 07 010 8 SICHERGSSCHEIBE -SAFETY-DISC-	267		K999 20 258 6 POTENTIOMETER 2, 2 KOHM LINEAR	4C9 4D7		K999 22 070 5 ANSCHLUSSPLATTE PLATE	7B2 7B7	
K996 07 011 8 SICHERGSSCHEIBE SAFETY DISC	1J12		K999 20 264 2 DRUCKHAUBE FARBLOS FL.AUSF	4J4 4L3		K999 22 070 6 ANSCHLUSSPLATTE PLATE	6J1 6K1	
K996 07 012 8 SICHERGSSCHEIBE SAFETY DISC	2H12		K999 20 264 3 TEXTPLATTE MADEL H/T FL.AUSF	4L3		K999 22 073 6 MEMBRANE	4J10	
K996 07 014 8 SICHERGSSCHEIBE SAFETY DISC	2E4		K999 20 264 4 TEXTPLATTE RIEGEL FL.AUSF	4J4		K999 22 074 2 SCHAUGLASS	4J10 7D2	
K996 08 535 0 RI KUGELLAGER BALL BEARING	1C3		K999 20 266 5 SCHELLE,BEF. 260/ F. 8 ROHRE	6H5		K999 22 080 2 VENTIL VALVE	4K5 4L5	
K996 08 572 0 RI KUGELLAGER BALL BEARING	1D4 1E6		K999 21 069 9 PUFER BUFFER	6C1		K999 22 082 3 ZYLINDER CYLINDER	4B3	
K996 08 629 0 RI KUGELLAGER BALL BEARING	3B8 3C8 3F9		K999 21 069 5 SCHWEMMER NR 2137	1B5		K999 22 083 4 OELER DS2X22	7F2	
K996 08 661 0 RI KUGELLAGER BALL BEARING	1E3		K999 21 077 6 SCHLIESBLECH LOCKING-PLATE	1G5		K999 23 231 3 MADELHUELSE HK 4512	2B11	
K996 08 699 0 KUGELLAGER BALL BEARING	3B6 3C10 3E8 3F12		K999 21 085 3 GELENKLAGER BEARING	1K5		K999 24 001 8 HI-STUECK R 1/8"	4L11	
K996 10 106 8 SPRENGRING SPRING	3B6 3C10 3E8 3F12		K999 21 099 1 GLEITLAGER GE 10 C	2F4		K999 24 025 2 GD-E -VERSCHR. R 1/8"	7B5	
K996 12 038 7 STELLRING A 6	7J4		K999 21 099 2 GLEITLAGER 18X22X18	2E2		K999 24 025 5 GD-E -VERSCHR. R 1/8"	4B5	
K996 13 136 0 KUGELKNOPF SPHERIC BUTTON	5A2		K999 21 099 3 REHEMSCHLEIBE NR 2154	1E7		K999 24 026 9 BLINDSTOPPEN BLIND PLUG	6J1 6L1 7B2 7B7 7C5	
K996 13 137 0 KUGELKNOPF SPHERIC BUTTON	2D8		K999 21 099 4 RIEMENSCHLEIBE NR 2157	1D5 1E7		K999 24 030 1 DOPPELNIPPEL DOUBLNIPPEL	4J10	
K996 15 400 0 DRUCKFEDER D=1,25/0-18	1H11		K999 21 099 5 ZAHNRAD 16 T5/330	4I,8		K999 24 030 2 DOPPELNIPPEL DOUBLNIPPEL	7E1	
K996 20 077 0 PASSFEDER SPRING	1D7 3B10 3E12		K999 22 038 2 DRUCKREGLER PRESS REGULATOR	4I,8		K999 24 030 3 DOPPELNIPPEL DOUBLNIPPEL	4H8 4K11	
K996 28 080 0 DICHRING GASKET RING	4J8 7C1 7E3		K999 22 051 9 VENTIL MANUELL 6I/8"	7E1		K999 24 030 4 REDUZIERNIPPEL REDUCING NIPPLE	4J8 4K11 7C1	
K996 28 384 0 DICHRING GASKET RING	4L11		K999 22 066 4 MANOMETER R 1/8"	4L8		K999 24 030 5 VERTEILER DISTRIBUTOR	7E3	
K996 39 101 0 KUGELSCHEIBE TUCKER WASHER	2H5		K999 22 067 4 ZYLINDER CYLINDER	4L7		K999 24 034 1 VERSCHRAUBUNG COUPLING	4L8 7C5	
			K999 22 067 7 BEFESTIGUNG KPL FASTENING CPL	4H5		K999 24 034 3 VERSCHRAUBUNG COUPLING	4K11	
			K999 22 069 2 BEHAELTER 4L10 7F2	4L10 7F2		K999 24 034 4 VERTEILER DISTRIBUTOR	4H8	
			K999 22 070 0 SCHALLDAEMPER SOUND ABSORBER	7D7		K999 24 038 5 VERSCHRAUBUNG COUPLING	4H8	
			K999 22 070 3 VENTIL VALVE	6J1 6L1 7C3		K999 24 038 6 VERTEILER DISTRIBUTOR	6J1 6L1 7B2	
			K999 22 070 4 KABELKOPF CABLE HEAD	7D7		K999 24 038 8 REDUZIERNIPPEL REDUCING NIPPLE	7C1 7D3	
			K999 20 243 0 SCHELLE M 5 D 4	6L3 7C4		K999 24 038 9 VERTEILER DISTRIBUTOR	4K5 4L5	
			K999 20 258 2 KNOPF C 6, 4			K999 24 039 0 GD-E -VERSCHR. R 1/8"	7D4	
			K999 20 258 3 DECKEL SCHWARZ,ZUB.23			K999 24 039 2 VERTEILER DISTRIBUTOR	4J8 6J1 6L2	
			K999 20 258 5 SKALA	4C9		K999 24 039 5 VERTEILER DISTRIBUTOR	7C2 7D7	

Änderungen vorbehalten

Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	Teile-Nr.	Benennung	Bildtafel	
K999 24 039 3	VERSCHRAUBUNG COUPLING	7C2	Teile-Nrn. neu hinzu						07. 1995
K999 24 040 1	R 1/8" D 6 SCHLAUCHTUELLE HOSE SOCKET	4L11	204	110270 Rolle	7D11, 1G7	204	110280 Rolle	7D11	
K999 24 041 5	R 1/8" D 6 WI-E-VERSCHR. D= 4 1/8" VERKUERZT	4C4	204	110290 Rolle	7D11	204	110300 Rolle	7D11	
K999 26 003 6	WIRBELST. KUENL.	7B5	204	110310 Rolle	7D11	204	110320 Rolle	7C11	
MG43 00 040 9	MUTTER	6H10 6J10 6K10	204	110330 Rolle	7C11	204	110380 Rolle	7D11	
	NUT		204	110400 Rolle	7E11	504	151330 Klemmring	2E7	
MG43 00 251 0	M 6 VZI SCHEIBE	6H10 6J11 6K11	993	087138 Halbrd.schr. MLS M3x10 1B5	1C5	999	210891 Schmäppor	1C5	
	DISC		9203	313057 Senkschraube M3x8	1C5	9217	301598 Linsenschraube MLS	2E7	
0719 00 012 7	6,6 ST VZI SCHRAUBE		Teile-Nrn. neu hinzu						08. 1993
0781 00 108 1	M 6 X 20 8,8 VZI GARNST.ROHR	6611	966	100010 Arm	9H10	966	100290 Paszschraube	3K9 3K12	
0791 00 108 6	YARN SUPP TUBE KURZ UNTEN		966	140013 Grundplatte	3K7	966	150010 Gew.Stift	2G4	
0791 00 108 8	GARNST.ROHR KPL.	6M11	966	150060 Fueshr.Boizen	2H4	966	150040 Paszschelbe	2F1	
0791 00 110 9	GARNHALTERARM KPL.	6L10	966	150060 Paszschelbe	2F1	966	150060 Gelenkfluss	7G7	
0791 00 111 0	FADENF. ARM KPL.	6J10	467	110220 Fadensp. Scheibe	3C2, 3J4	893	521140 Gew.Stift	3A7	
0791 00 111 1	TELLERHALTER		893	521140 Gew.Stift	3A7	993	961600 Fl.Kopfschr. M5x10	1G4	
0791 00 111 2	HOLDER		993	021490 Zyl. Stift M6x60	5C6 1C8	993	024200 Zyl. Schraube M6x22	2A11	
0791 00 111 3	THREAD GUIDE		993	087028 Halbrd. Schr. M4x10	1L8	993	087188 Halbrd. Schr. M3x16	2K2	
0791 00 112 8	TELLER KPL.	6H11	993	281058 Schalfischr. M4x6	2H4	993	811247 Zyl. Schraube M6x16	6B11	
-746-789	SCHEIBE	2F1	993	912128 Zyl. Schraube M12x45	3K7	993	912128 Zyl. Schraube M12x45	3K7	
			999	211015 Nutmutter M12x1	2E2	999	211016 Bundbuchse	2E2, 2F1	
			999	240305 Vert. Block R1/8"	4L8	0032	000369 Oelkanne	6L8	
			9081	500010 Schraubendreher	6J9	9081	500010 Schraubendreher	6J9	
			9092	079400 Nagel 794/180	7F7, 7K7	9201	113297 6kt. Schraube M6x16	4J11	
			9201	113817 6kt. Schraube M6x20	6J11, 6L11	9202	002087 Zyl. Schraube M4x12	1C2	
			9202	002148 Zyl. Schraube M4x40	4J5	9202	002148 Zyl. Schraube M4x40	4J5	
			9202	002498 Zyl. Schraube M5x16	2E11	9202	002878 Zyl. Schraube M6x10	1E7	
			9202	003303 Zyl. Schraube M6x20	1G12	9202	003348 Zyl. Schraube M6x40	6B2	
			9203	003667 Zyl. Schraube M4x10	2H2	9203	003667 Zyl. Schraube M4x10	2H2	
			9203	313647 Senkschraube M4x6	4L5, 5D4, 5D6	9203	313658 Senkschraube M4x8	1L8	
			9231	000397 6kt. Mutter M8	1C2, 2A9	9231	110127 6kt. Mutter M6	4B3, 4J11, 7D4	
			9330	000087 Scheibe 4,3	1B6, 1M6, 5C5	9330	000107 Scheibe 6,4	1H7, 4J11, 6B1, 7D4	
			9330	000167 Scheibe	4J11	9330	000167 Scheibe	4J11	
			9357	000090 Sich. Scheibe	2G7	9710	061110 Magnetventil 3/2 Wege	6J1, 6L1, 7B2, 7D7	
			9792	001030 Reduziernippel R. 1/8"	4K5, 4L5	9825	151601 Stecker	4C9	
			9825	155002 Codierung, gelb	4C9				