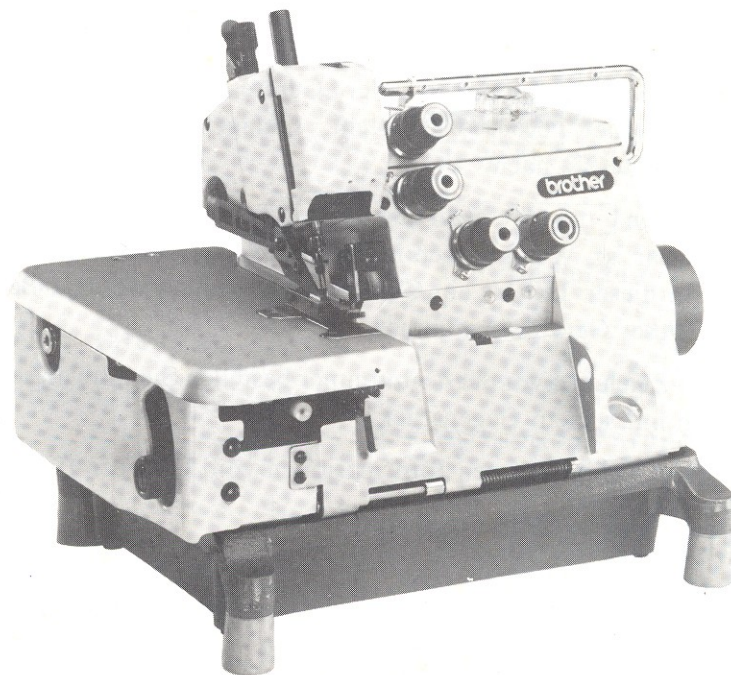


HIGH SPEED SAFETY STITCH SEWING MACHINE
SICHERHEITS-SCHNELLNÄHMASCHINE
MACHINE A POINT DE SURETE A HAUTE VITESSE
MAQUINA PARA COSTURA DE SEGURIDAD RAPIDA

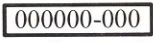
MA4-B551

PARTS BOOK
TEILEKATALOG
LIVRE DES PIECES
LIBRO DE REFERENCIA DE PIEZAS

P551402



Notes for using this parts book

1. This book is applicable to sewing machines which have the same plate number as shown on the cover of this book (or correction sheet).
2. If the symbol  or  is in the "Parts No." column or the "Assembly No." column, please refer to the separate parts list (page 23).
3. The symbol  in the "Parts No." column indicates that the parts is not available for supply. If, however, there is a number in the "Assembly No." column, the parts can be ordered as an assembly. Please, therefore, order by using the Assembly No.
4. If the ※ symbol is found before the Parts No., order this parts together with its paired parts.
5. This book was prepared based on information available in October 1983.
6. Parts are subject to changes in design without prior notice.

Anmerkungen zum Gebrauch dieses Stücklistebuches

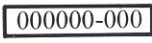
1. Dieses Buch bezieht sich auf die Nähmaschinen mit derselben Kennungsnummer wie auf diesem Buchumschlag (oder auf dem Korrekturblatt).
2. Wenn in der Stücknummer oder Gerätesatznummer Spalte das Zeichen  oder  steht, schlagen Sie bitte bei der gesonderte Stückliste (Seite 23) nach.
3. Dieses Zeichen  in der Spalte "Teilnummer" bedeutet, daß dieser Teil nicht lieferbar ist. Wenn jedoch in der Spalte "Gerätesatznummer" eine Nummer steht, kann dieser Teil als ein Geräteteilsatz bestellt werden. Bestellen Sie daher bitte mit dieser Gerätesatznummer.
4. Bei diesem Zeichen ※ vor der Teilnummer bestellen Sie bitte diesen Teil Paarweise, zusammen mit seinem Gegenstück.
5. Dieses Buch basiert auf den Informationen vom Oktober 1983.
6. Modelländerungen sind vorbehalten.

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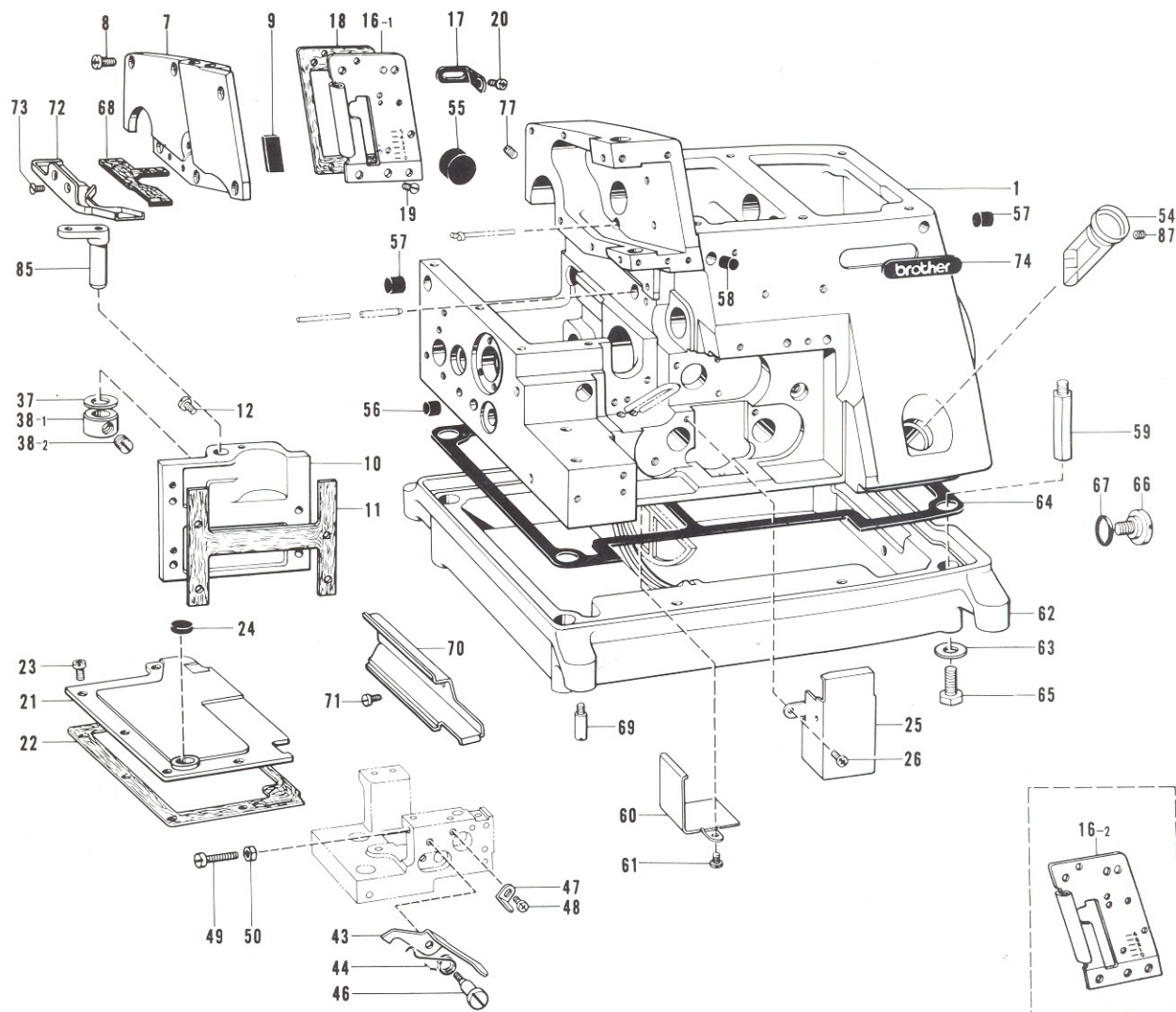
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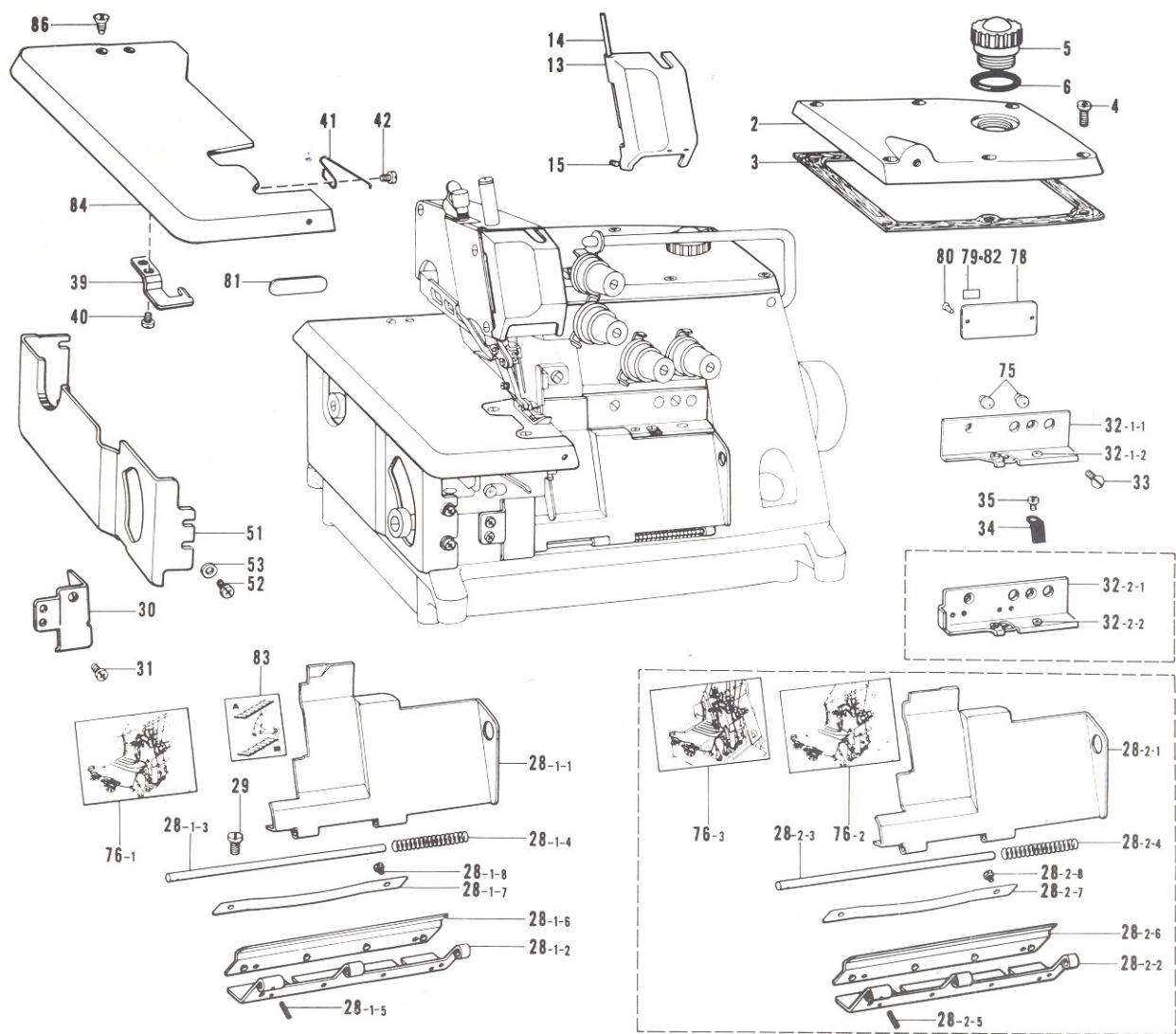
INDICE 29

A. Machine body (1) / Maschinengehäuse (1)
Corps de la machine (1) / Cuerpo de la máquina (1)



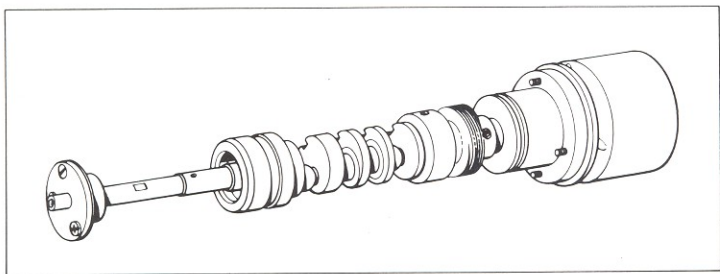
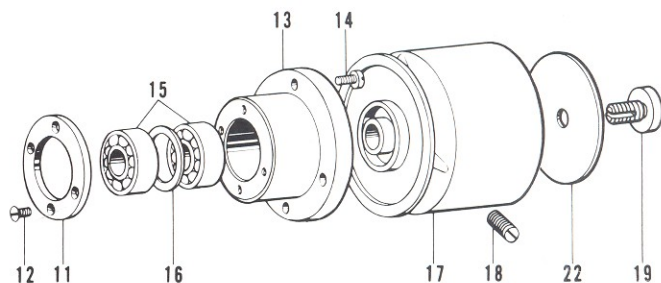
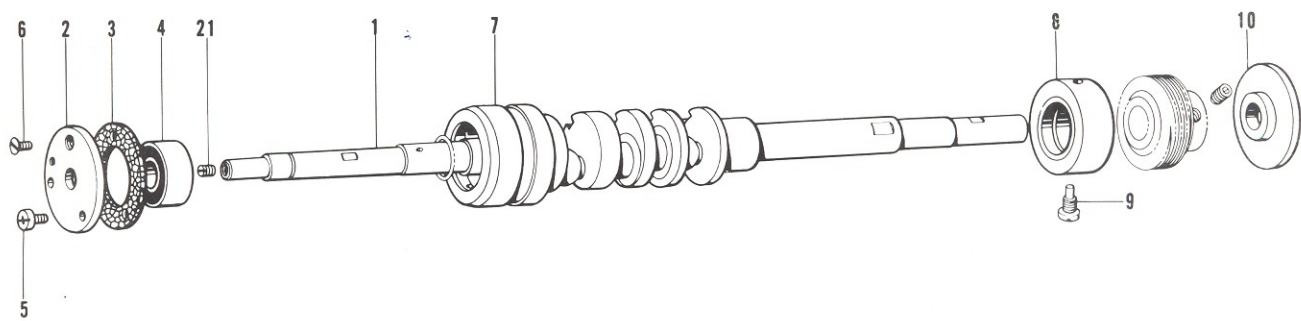
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Machine Body	1			49	Screw 357-40 x 14	1	062671-412	
7	Cover for Needle Driving Mechanism	1	146422-001		50	Nut 3.57	1	021670-202	
8	Screw 437-40 x 7	6	062680-712		54	Oil Gauge	1	148084-001	
9	Rubber Cap	1	143992-001		55	Oil Cap	2	140066-001	
10	Cover for Feed Mechanism (B)	1	146423-001		56	Oil Cap	1	140065-001	
11	Packing	1	146424-000		57	Oil Cap	2	146315-000	
12	Screw 437-40 x 10	4	062681-012		58	Oil Cap	2	140421-001	
16-1	Face Plate Assembly	1	146428-001		59	Machine Body Leg	4	151059-001	
16-2	Face Plate Assembly (Ruffling)	1	146430-001		60	Oil Stopper Plate	1	146457-001	
17	Stopper Spring	1	146432-001		61	Screw 357-40 x 6	2	062670-612	
18	Packing	1	146433-000		62	Oil Reservoir	1	146458-001	
19	Screw 3.57	3	102843-004		63	Washer	4	159476-000	
20	Screw 357-40 x 6	2	062670-612		64	Packing	1	151060-000	
21	Cover for Feed Mechanism	1	146434-000		65	Bolt 6.35 x 16	4	017771-612	
22	Packing	1	146435-000		66	Screw 9.52	1	110641-002	
23	Screw 437-40 x 7	5	062680-712		67	Packing	1	109203-001	
24	Cloth Plate Cushion (B)	1	111486-001		68	Felt	1	159640-000	
25	Inside Cover	1	146436-001		69	Set Pin for Cushion	4	140077-001	
26	Screw 357-40 x 6	2	062670-612		70	Cloth Guide (L)	1	146460-001	
37	Washer	1	141183-000		71	Screw 357-40 x 6	2	062670-612	
38-1	Set Collar	1		A-38 Collar Assembly 181969-003	72	Cloth Guide (S)	1	159639-001	
38-2	Screw 6.35	2	101706-001		73	Screw 3.57	2	108960-002	
43	Cloth Plate Lever	1	146451-001		74	Name Plate	1		
44	Spring	1	146452-001		77	Screw 5.95	2	013760-612	
46	Stud Screw 3.57	1	146453-001		85	Cloth Plate Supporter	1	143374-001	
47	Cloth Plate Lever Stopper	1	146454-001		87	Screw 4.37	1	014680-422	
48	Screw 357-40 x 6	1	062670-612						

A. Machine body (2) / Maschinengehäuse (2)
Corps de la machine (2) / Cuerpo de la máquina (2)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
2	Top Cover	1	146419-001		32-2-1	Supporter for Front Cover	1		A-32-2 Supporter for Front Cover Assembly 147367-001 (Binding)
3	Packing	1	146420-000		32-2-2	Thread Bushing	2	146924-000	
4	Screw 437-40 x 14	6	062681-412		33	Screw 4.37	2	117160-001	
5	Cap for Oil Feeding Hole	1	146421-000		34	Stopper Spring for Front Cover	1	146446-001	
6	Packing	1	113589-001		35	Screw 3.57 x 4.5	1	123185-001	
13	Face Plate Cover	1	146425-001		39	Stopper for Cloth Plate	1	146449-001	
14	Pin for Face Plate	1	146426-000		40	Screw 357-40 x 5	2	060670-512	
15	Screw 3.18	1	146427-001		41	Spring	1	146450-001	
28-1-1	Front Cover	1		A-28-1 Front Cover Assembly 148997-001	42	Screw 357-40 x 5	1	060670-512	
28-1-2	Front Cover Hinge	1	146440-001		51	Cloth Plate Lower	1	146455-101	
28-1-3	Shaft for Front Cover	1	146441-000		52	Screw 437-40 x 7	4	062680-712	
28-1-4	Spring	1	146442-001		53	Washer	4	113431-002	
28-1-5	Spring Pin 1.4 x 8	1	047140-842		75	Oil Cap	2	143196-001	
28-1-6	Hinge Cover	1	148984-001		76-1	Threading Diagram	1	146463-001	
28-1-7	Hinge Cover Presser Plate	1	152194-001		76-2	Threading Diagram	1	146464-001	
28-1-8	Screw 357-40 x 4	2	062670-412		76-3	Threading Diagram	1	156523-001	
28-2-1	Front Cover	1		A-28-2 Front Cover Assembly 148999-001 (Binding)	78	Model Plate (B551)	1		
28-2-2	Front Cover Hinge	1	146440-001		79	Label	1	146976-	
28-2-3	Shaft for Front Cover	1	146441-000		80	Pin	2		
28-2-4	Spring	1	146442-001		81	Parts Book Number Plate	1		
28-2-5	Spring Pin 1.4 x 8	1	047140-842		82	Label	1	151488-	
28-2-6	Hinge Cover	1	148984-001		83	Label	1	147943-001	
28-2-7	Hinge Cover Presser Plate	1	152194-001		84	Cloth Plate	1	146448-001	
28-2-8	Screw 357-40 x 4	2	062670-412		86	Screw 4.37	2	100032-003	
29	Screw 4.37	2	107407-003						
30	Front Cover Guide	1	146443-001						
31	Screw 357-40 x 6	2	062670-612						
32-1-1	Supporter for Front Cover	1		A-32-1 Supporter for Front Cover Assembly 146444-001					
32-1-2	Thread Bushing	2	146924-000						

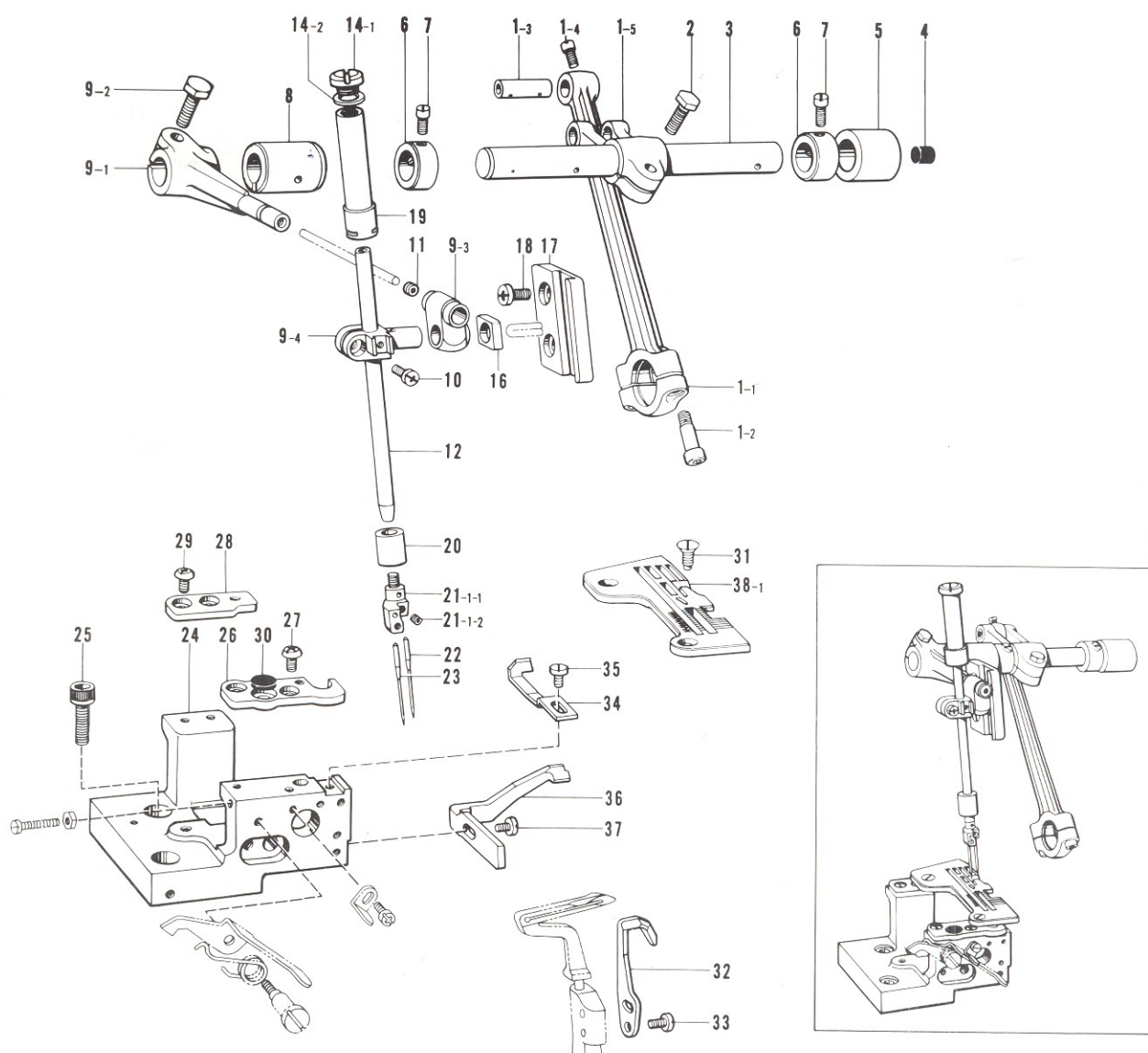
B. Crank shaft mechanism / Kurbelwelle
Mécanisme de vilebrequin / Mecanismo del cigüeñal



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Crank Shaft (C)	1	*146471-001		12	Screw 3.18	4	107244-001	
2	Bearing Cap	1	150806-001		13	Bearing Case	1	110670-000	
3	Packing	1	143312-000		14	Screw 437-40 x 10	4	062681-012	
4	Bearing 6000	1	072600-000		15	Bearing 6001	2	072600-100	
5	Screw 357-40 x 8	2	062670-812		16	Thrust Washer	1	110672-000	
6	Screw 3.57	1	102538-002		17	Pulley	1	147848-001	
7	Crank Shaft Bushing (L) Assembly	1	146473-001		18	Screw 5.95	2	013761-410	
8	Crank Shaft Bushing (Middle)	1	143179-000		19	Cap Screw	1	140180-001	
9	Screw 4.76	1	110668-001		21	Screw 4.76	2	013719-412	
10	Oil Rjector	1	140084-000		22	Pulley Cover	1	147415-001	
11	Bearing Cover	1	110673-000						

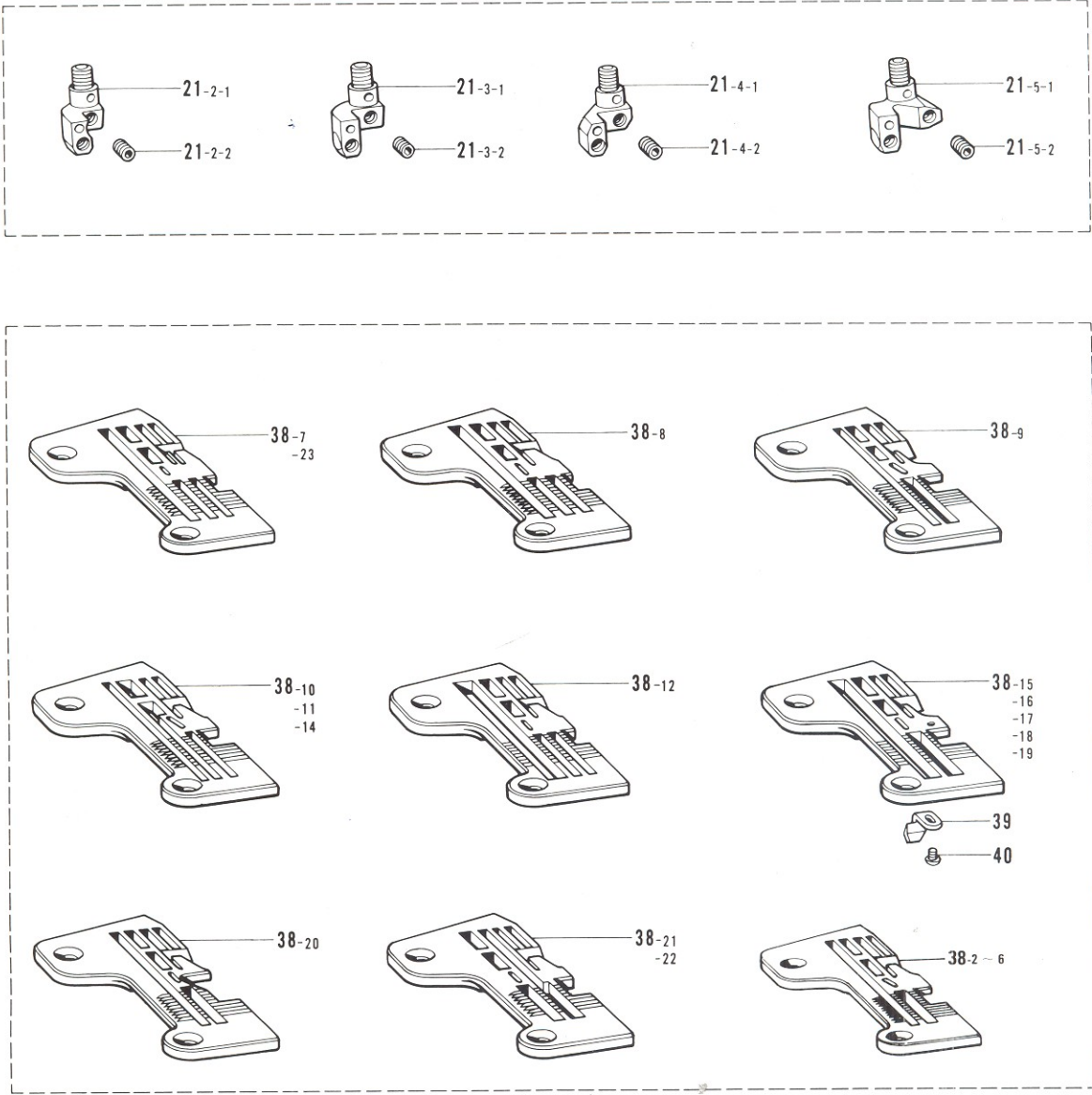
- ※ Crank Shaft (C) Assembly (B-1, C-1, H-1, J-1) 146917-001
- ※ Kurbelwelle (C) (B-1, C-1, H-1, J-1) 146917-001
- ※ Vilebrequin (C) (B-1, C-1, H-1, J-1) 146917-001
- ※ Cigüeñal (C) (B-1, C-1, H-1, J-1) 146917-001

C. Needle bar mechanism (1) / Nadelstangenvorrichtung (1)
Mécanisme de barre à aiguille (1) / Mecanismo del barra de aguja (1)



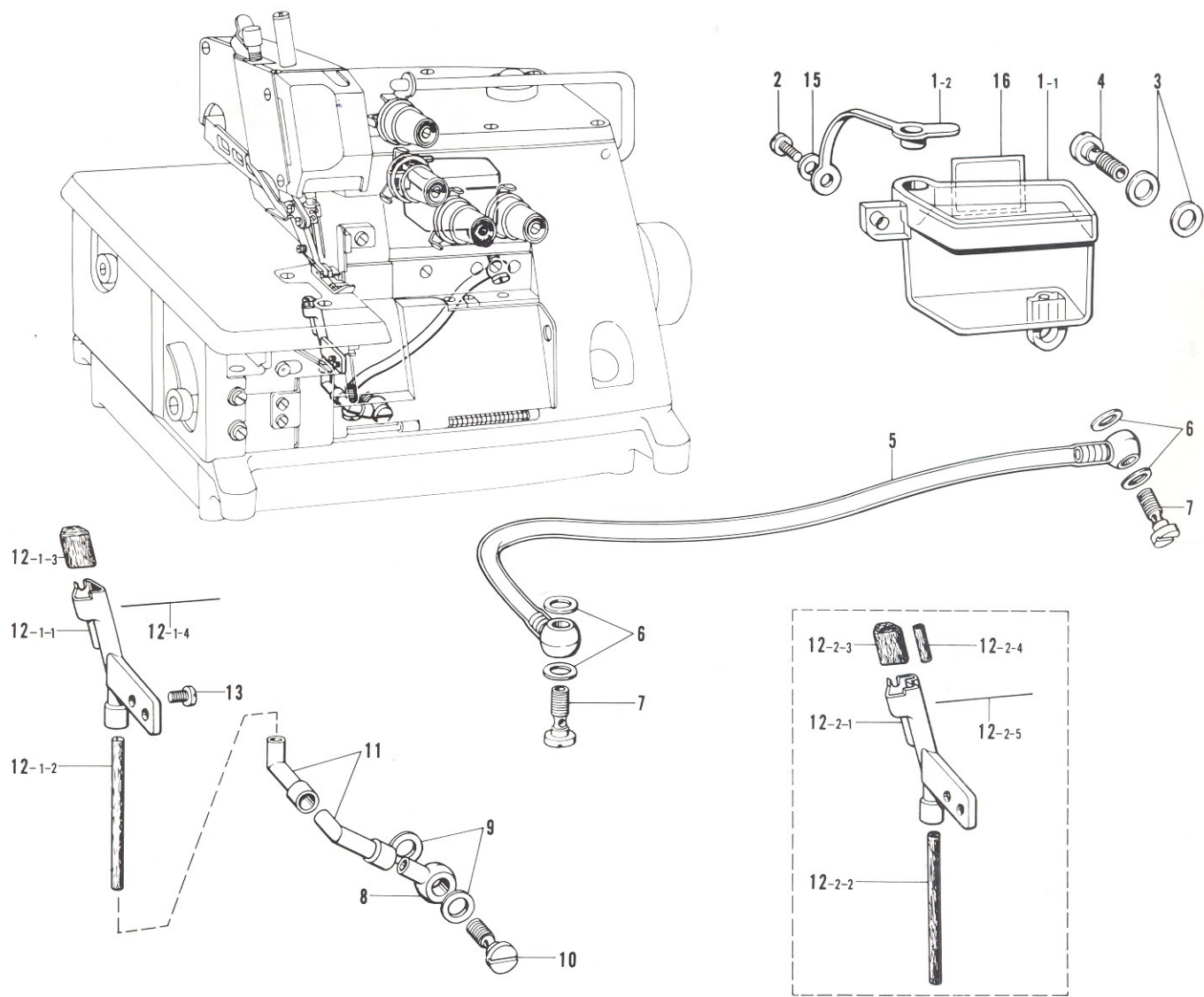
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Needle Arm Driving Crank Rod	1		C-1 Needle Arm Driving Crank Rod Assembly *146476-101	19	Needle Bar Bushing (U)	1	S01417-001	
1-2	Screw 4.37 x 14	2	148425-001		20	Needle Bar Bushing (D)	1	146486-000	
1-3	Pin	1	140088-001		21-1-1	Needle Clamp 2	1		C-21-1 Needle Clamp 2 Assembly 146487-001
1-4	Screw 4.37	1	100366-001		21-1-2	Screw 3.18	2	146427-001	
1-5	Needle Arm Driving Lever	1	146478-001		22	Needle DC x 1		112297-	
2	Bolt 6.35 x 16	1	017771-612		23	Needle DM x 13	1	140104-	
3	Needle Bar Crank Shaft	1	146479-001		24	Needle Plate Support Bracket	1	146493-002	
4	Oil Cap	1	140327-001		25	Bolt 6 x 16	2	018061-622	
5	Needle Shaft Bushing (Right)	1	140091-000		26	Needle Plate Supporter (F)	1	146494-001	
6	Set Collar	2	140092-001		27	Bind 437-40 x 5	2	060680-512	
7	Screw 4.37	4	100366-001		28	Needle Plate Supporter (B)	1	146495-001	
8	Needle Shaft Bushing (Left)	1	140093-000		29	Screw 437-40 x 5	2	060680-512	
9-1	Needle Arm	1		C-9 Needle Bar Clamp Assembly 146480-001	30	Cloth Plate Cushion (B)	1	111486-001	
9-2	Bolt 6.35 x 16	1	017771-612		31	Screw 4.37	2	100032-003	
9-3	Needle Bar Connector	1	140096-001		32	Movable Needle Guide	1	144127-001	
9-4	Needle Bar Clamp	1	146482-001		33	Screw 357-40 x 8	2	062670-812	
10	Screw 357-40 x 8	1	062670-812		34	Chain Stitch Needle Guide (F)	1	146496-201	
11	Screw 3.18	1	146427-001		35	Screw 357-40 x 6	1	062670-612	
12	Needle Bar	1	146483-001		36	Chain Stitch Needle Guide (B)	1	146497-101	
14-1	Screw 8.73	1	S00049-001	C-14 With Screw S01652-001	37	Screw 437-40 x 7	1	062680-712	
14-2	Packing	1	S01654-000		38-1	Needle Plate	1	146498-001	
16	Needle Bar Guide Slide Block	1	159638-001						
17	Needle Bar Guide	1	105079-001						
18	Screw 437-40 x 7	2	062680-712						

C. Needle bar mechanism (2) / Nadelstangenvorrichtung (2)
 Mécanisme de barre à aiguille (2) / Mecanismo del barra de aguja (2)



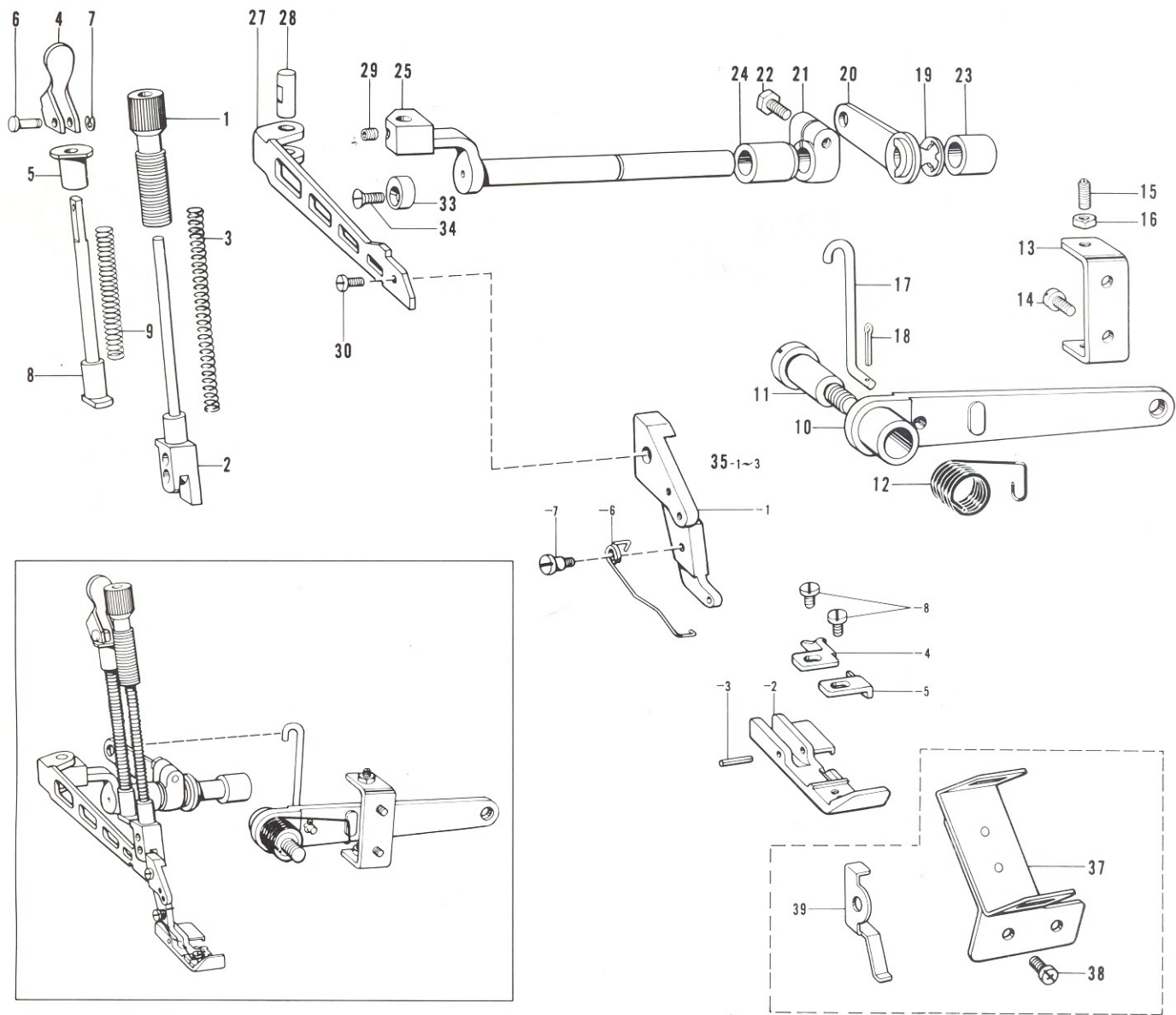
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
21- 2-1	Needle Clamp 3	1	146427-001	C-21-2 Needle Clamp 3 Assembly 146489-001	38- 8	Needle Plate	1	146505-001	
21- 2-2	Screw 3.18	2			38- 9	Needle Plate	1	148280-001	
21- 3-1	Needle Clamp 5	1	146427-001	C-21-3 Needle Clamp 5 Assembly 146491-001	38-10	Needle Plate (Ruffling)	1	146507-001	
21- 3-2	Screw 3.18	2			38-11	Needle Plate (Ruffling)	1	146508-001	
21- 4-1	Needle Clamp 7	1	146427-001	C-21-4 Needle Clamp 7 Assembly 151467-001	38-12	Needle Plate (Ruffling)	1	146509-001	
21- 4-2	Screw 3.18	2			38-14	Needle Plate (Ruffling)	1	148833-001	
21- 5-1	Needle Clamp 5-2.2	1	146427-001	C-21-5 Needle Clamp 5-2.2 Assembly 156500-001	38-15	Needle Plate (Denim)	1	159834-001	
21- 5-2	Screw 3.18	3			38-16	Needle Plate (Denim)	1	159770-001	
38- 2	Needle Plate	1	146499-001		38-17	Needle Plate (Denim)	1	159771-001	
38- 3	Needle Plate	1	146500-001		38-18	Needle Plate (Denim)	1	S00877-001	
38- 4	Needle Plate	1	146501-001		38-19	Needle Plate (Denim)	1	159769-001	
38- 5	Needle Plate	1	146502-001		38-20	Needle Plate (Binding)	1	147369-001	
38- 6	Needle Plate	1	146503-001		38-21	Needle Plate	1	151472-001	
38- 7	Needle Plate	1	146504-001		38-22	Needle Plate	1	151473-001	
					38-23	Needle Plate	1	156502-001	
					39	Needle Guide (F)	1	159757-001	
					40	Screw 2.38	1	100105-005	

D. Needle cooler / Nadelkühlungsvorrichtung
Mécanisme du refroidisseur d'aiguille / Mecanismo del enfriador de aguja



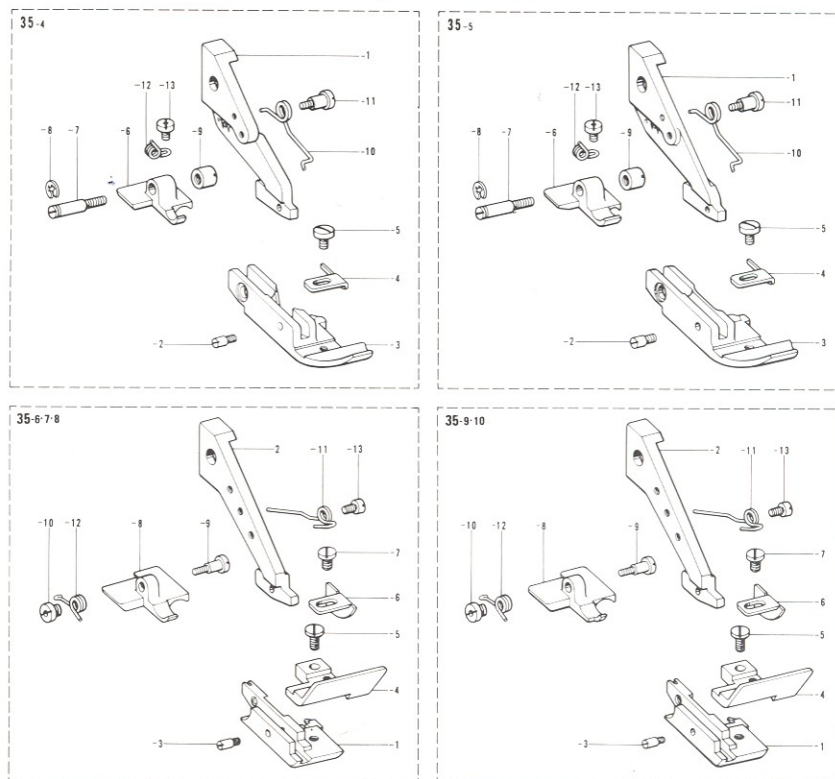
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Oil Tank	1	146993-000	D-1 Oil Tank Assembly 146511-000	12-1-1	Felt Holder	1	146518-100	D-12-1 Felt Holder Assembly 146517-100
1-2	Cap	1			12-1-2	Felt	1	144116-000	
2	Screw 437-40 x 10	1			12-1-3	Felt (S)	1	151475-000	
3	Packing	2			12-1-4	Cap	1	147738-000	
4	Screw	1	112359-001		12-2-1	Felt Holder	1	156506-000	D-12-2 Felt Holder Assembly 156505-000
5	Vinyl Tube	1	146512-001		12-2-2	Felt	1	144116-000	
6	Packing	4	112348-001		12-2-3	Felt (S)	1	151475-000	
7	Screw	2	112359-001		12-2-4	Felt (S)	1	146740-000	
8	Oil Feeding Connector	1	146515-000		12-2-5	Cap	1	147738-000	
9	Packing	2	112348-001		13	Screw 3.57	2	100257-010	
10	Screw	1	112359-001		15	Washer	1	113431-002	
11	Pipe Joint	2	146516-000		16	Label	1	147716-001	

E. Presser foot mechanism (1) / Stoffdrückerfuß (1)
Mécanisme du pied presseur (1) / Mecanismo del prensatelas (1)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Screw	1	144079-001		33	Presser Arm Stopper	1	144088-001	
2	Presser Bar	1	146521-001		34	Screw 4.76	1	107231-002	
3	Spring	1	144081-001		35-1-1	Sub-Presser Arm 3C	1		
4	Presser Bar Lifter	1	147759-001		35-1-2	Presser Foot 2C	1		
5	Washer	1	144083-001		35-1-3	Pin	1	142243-000	E-35-1 Presser Foot 2C Assembly 142250-001 (2 mm)
6	Presser Bar Lifter Pin	1	144084-001		35-1-4	Stitch Tongue 3C	1	142244-001	
7	Stop Ring E2	1	048020-342		35-1-5	Chip Guard (3)	1	142245-001	
8	Presser Bar Lifter Shaft	1	144085-001		35-1-6	Spring 3C	1	142246-001	
9	Spring	1	144086-001		35-1-7	Screw	1	142247-001	
10	Presser Foot Lifter Lever	1	143323-103		35-1-8	Screw 2.38 x 3.5	2	S01295-001	
11	Stud Screw 7.94	1	148372-001		35-2-1	Sub-Presser Arm 3C	1		
12	Spring	1	143325-001		35-2-2	Presser Foot 7C	1		
13	Lever Adjuster Plate	1	146522-001		35-2-3	Pin	1	142243-000	E-35-2 Presser Foot (5M-7M) 7C Assembly 151461-001 (7 mm)
14	Screw 437-40 x 7	2	062680-712		35-2-4	Stitch Tongue 3C	1	142244-001	
15	Screw 4.76	2	153483-001		35-2-5	Chip Guard (3)	1	142245-001	
16	Nut 4.76	2	110161-006		35-2-6	Spring 7C	1	151466-001	
17	Presser Foot Lifter Link	1	146523-001		35-2-7	Screw	1	142247-001	
18	Pin	1	110793-001		35-2-8	Screw 2.38 x 3.5	2	S01295-001	
19	Stop Ring E8	1	048080-342		35-3-1	Sub-Presser Arm 3C	1		
20	Presser Foot Lifter Inside Lever	1	146524-001		35-3-2	Presser Foot 7C	1		
21	Collar	1	140261-001		35-3-3	Pin	1	142243-000	E-35-3 Presser Foot (3M-4M) 7C Assembly 151462-001 (7 mm)
22	Bolt 6.35 x 16	1	017771-612		35-3-4	Stitch Tongue 7C	1	151464-001	
23	Bushing (Right)	1	140262-000		35-3-5	Presser Foot (Front)	1	151465-001	
24	Bushing (Left)	1	140263-000		35-3-6	Spring 7C	1	151466-001	
25	Presser Arm Shaft	1	146525-001		35-3-7	Screw	1	142247-001	
27	Main Presser Arm	1	146526-001		35-3-8	Screw 2.38 x 3.5	2	S01295-001	
28	Pin for Presser Arm Shaft	1	146527-001		37	Tape Guide	1	146883-001	
29	Screw 4.37	1	014680-422		38	Screw 318-40 x 4	2	062660-412	
30	Screw 437-40 x 7	1	062680-712		39	Spring Plate	1	149267-001	

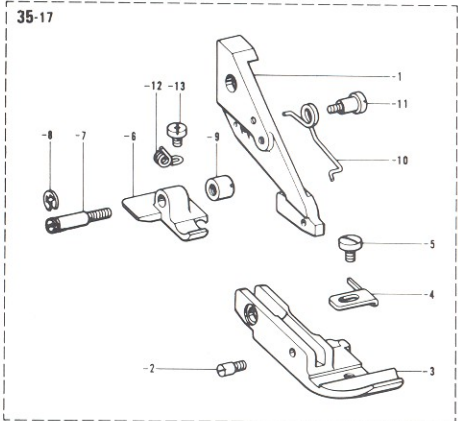
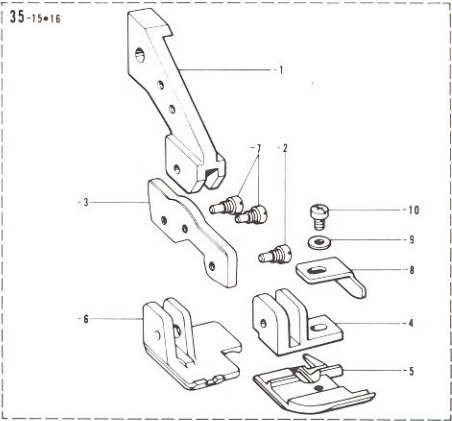
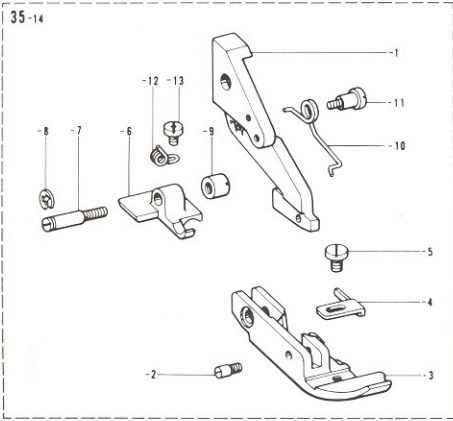
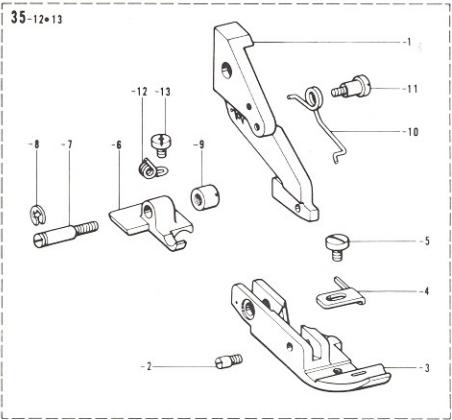
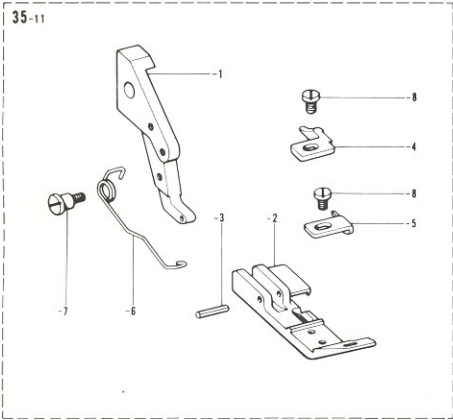
E. Presser foot mechanism (2) / Stoffdrückerfuß (2)
Mécanisme du pied presseur (2) / Mecanismo del prensatelas (2)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
35- 4- 1	Sub-Presser Arm	1		E-35-4 Presser Foot Assembly 146871-101 (3mm)	35- 7- 8	Presser Foot (Rear)	1	140271-001	E-35-7 Presser Foot Assembly 144775-001 (Ruffling, 3mm)
35- 4- 2	Screw	1	146865-001		35- 7- 9	Screw 3.18	1	140272-001	
35- 4- 3	Presser Foot	1			35- 7-10	Nut	1	140273-001	
35- 4- 4	Presser Foot (Front)	1	145147-001		35- 7-11	Spring	1	140993-001	
35- 4- 5	Screw 2.38	1	105288-001		35- 7-12	Spring	1	140275-001	
35- 4- 6	Presser Foot (Rear)	1	149260-001		35- 7-13	Screw	1	140992-001	E-35-8 Presser Foot Assembly 146881-001 (Ruffling, 5mm)
35- 4- 7	Screw	1	149261-001		35- 8- 1	Presser Foot (D5)	1		
35- 4- 8	Stop Ring E2.5	1	048025-342		35- 8- 2	Sub-Presser Arm	1		
35- 4- 9	Nut 3.18	1	149262-001		35- 8- 3	Screw	1	140270-001	
35- 4-10	Spring	1	146869-001		35- 8- 4	Presser Foot (U)	1	144777-001	
35- 4-11	Stud Screw 3.18	1	146901-001		35- 8- 5	Screw 318-40 x 8	1	062660-712	
35- 4-12	Spring	1	146870-001		35- 8- 6	Presser Foot (Front)	1	144778-001	
35- 4-13	Screw 2.38	1	122771-002		35- 8- 7	Screw 2.38	1	105288-001	
35- 5- 1	Sub-Presser Arm	1		E-35-5 Presser Foot Assembly 146874-101 (5mm)	35- 8- 8	Presser Foot (Rear)	1	140991-001	
35- 5- 2	Screw	1	140270-001		35- 8- 9	Screw 3.18	1	140272-001	
35- 5- 3	Presser Foot	1			35- 8-10	Nut	1	140273-001	
35- 5- 4	Presser Foot (Front)	1	145147-001		35- 8-11	Spring	1	140993-001	
35- 5- 5	Screw 2.38	1	105288-001		35- 8-12	Spring	1	140275-001	
35- 5- 6	Presser Foot (Rear)	1	149265-001		35- 8-13	Screw	1	140992-001	
35- 5- 7	Screw	1	149266-001		35- 9- 1	Presser Foot	1		E-35-9 Presser Foot Assembly 147435-001 (Ruffling W/ Piping, 3mm)
35- 5- 8	Stop Ring 2.5	1	048025-342		35- 9- 2	Sub-Presser Arm	1		
35- 5- 9	Nut 3.18	1	149262-001		35- 9- 3	Screw	1	140270-001	
35- 5-10	Spring	1	146869-001		35- 9- 4	Presser Foot (U)	1	144777-001	
35- 5-11	Stud Screw 3.18	1	146901-001		35- 9- 5	Screw 318-40 x 8	1	062660-712	
35- 5-12	Spring	1	146870-001		35- 9- 6	Presser Foot (Front)	1	144778-001	
35- 5-13	Screw 2.38	1	122771-002		35- 9- 7	Screw 2.38	1	105288-001	
35- 6- 1	Presser Foot	1		E-35-6 Presser Foot Assembly 146878-001 (Ruffling, 2mm)	35- 9- 8	Presser Foot (Rear)	1	147488-001	
35- 6- 2	Sub-Presser Arm	1			35- 9- 9	Screw 3.18	1	140272-001	
35- 6- 3	Screw	1	140270-001		35- 9-10	Nut	1	140273-001	
35- 6- 4	Presser Foot (U)	1	144777-001		35- 9-11	Spring	1	140993-001	
35- 6- 5	Screw 318-40 x 8	1	062660-712		35- 9-12	Spring	1	140275-001	
35- 6- 6	Presser Foot (Front)	1	144778-001		35- 9-13	Screw	1	140992-001	
35- 6- 7	Screw 2.38	1	105288-001		35-10- 1	Presser Foot	1		E-35-10 Presser Foot Assembly 147437-001 (Ruffling W/ Piping, 5mm)
35- 6- 8	Presser Foot (Rear)	1	146880-001		35-10- 2	Sub-Presser Arm	1		
35- 6- 9	Screw 3.18	1	140272-001		35-10- 3	Screw	1	140270-001	
35- 6-10	Nut	1	140273-001		35-10- 4	Presser Foot (U)	1	144777-001	
35- 6-11	Spring	1	140993-001		35-10- 5	Screw 318-40 x 8	1	062660-712	
35- 6-12	Spring	1	140275-001		35-10- 6	Presser Foot (Front)	1	144778-001	
35- 6-13	Screw	1	140992-001		35-10- 7	Screw 2.38	1	105288-001	
35- 7- 1	Presser Foot (E)	1		E-35-7 Presser Foot Assembly 144775-001 (Ruffling, 3mm)	35-10- 8	Presser Foot (Rear)	1	147489-001	
35- 7- 2	Sub-Presser Arm	1			35-10- 9	Screw 3.18	1	140272-001	
35- 7- 3	Screw	1	140270-001		35-10-10	Nut	1	140273-001	
35- 7- 4	Presser Foot (U)	1	144777-001		35-10-11	Spring	1	140993-001	
35- 7- 5	Screw 318-40 x 8	1	062660-712		35-10-12	Spring	1	140275-001	
35- 7- 6	Presser Foot	1	144778-001		35-10-13	Screw	1	140992-001	
35- 7- 7	Screw 2.38	1	105288-001						

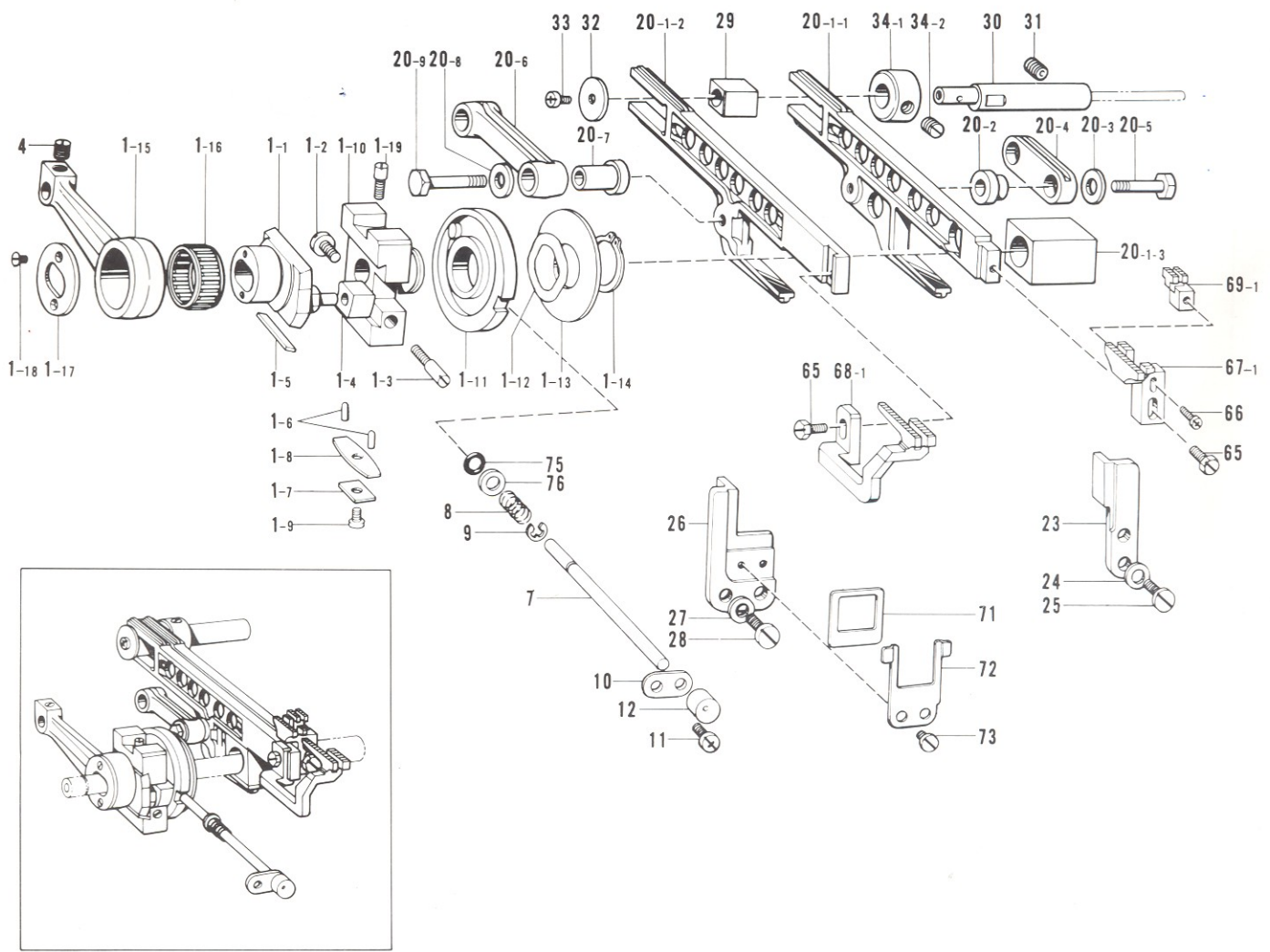
E. Presser foot mechanism (3) / Stoffdrückerfuß (3)

Mécanisme du pied presseur (3) / Mecanismo del prensatelas (3)



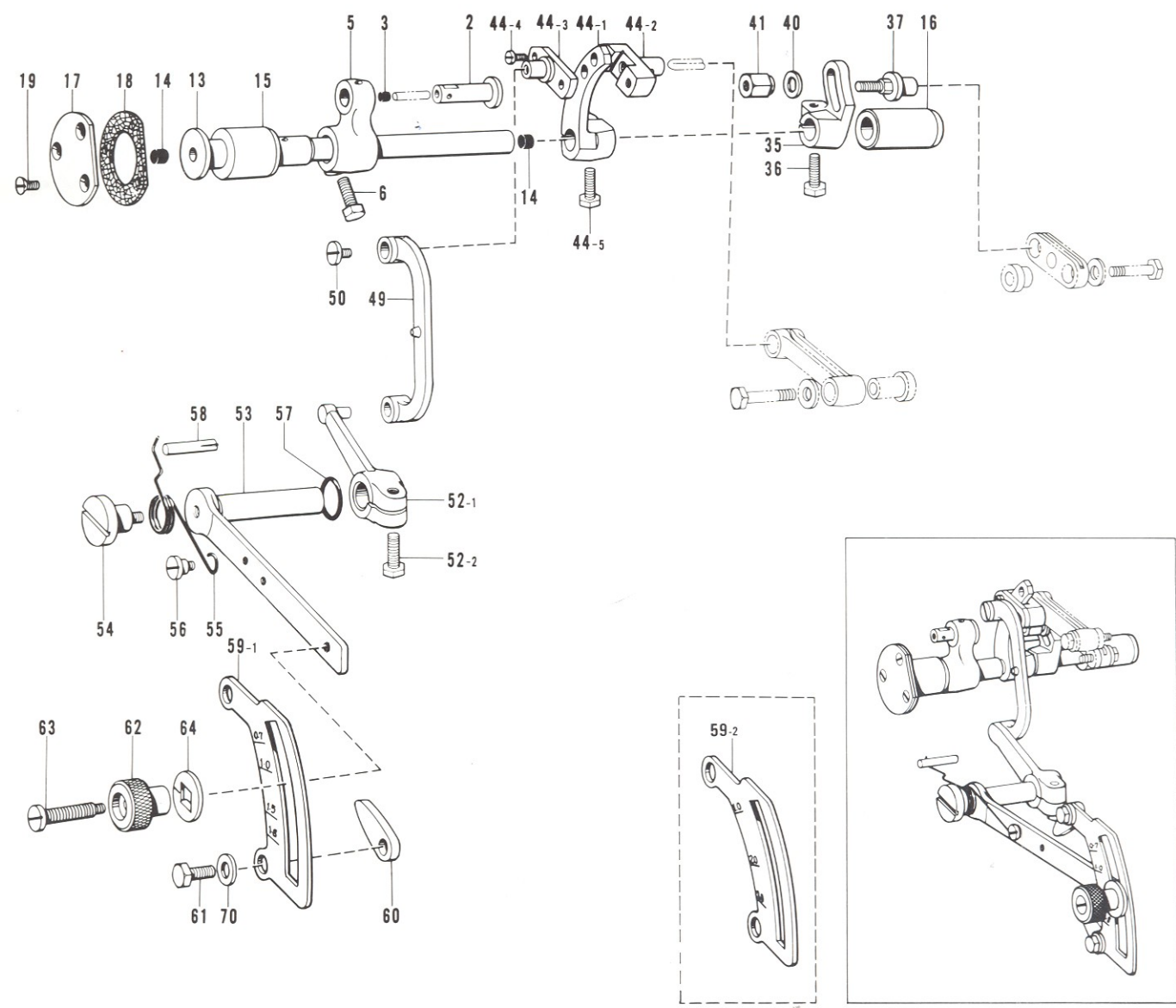
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
35-11- 1	Sub-Presser Arm 3C	1		E-35-11 Presser Foot Assembly 148816-001 (Taping)	35-14- 7	Screw	1	149261-001	E-35-14 Presser Foot Assembly 147370-101 (Binding, 3mm)
35-11- 2	Presser Foot	1			35-14- 8	Stop Ring E2.5	1	048025-342	
35-11- 3	Pin	1	142243-000		35-14- 9	Nut 3.18	1	149262-001	
35-11- 4	Stitch Tongue 3C	1	142244-001		35-14-10	Spring	1	146869-001	
35-11- 5	Chip Guard (3)	1	142245-001		35-14-11	Stud Screw 3.18	1	146901-001	
35-11- 6	Spring 3C	1	142246-001		35-14-12	Spring	1	146870-001	
35-11- 7	Screw	1	142247-001		35-14-13	Screw 2.38	1	122771-002	
35-11- 8	Screw 2.38 x 3.5	2	S01295-001		35-15- 1	Sub-Presser Arm	1		E-35-15 Presser Foot Assembly 148979-001 (Denim, 3mm)
35-12- 1	Sub-Presser Arm	1		E-35-12 Presser Foot Assembly 147950-101 (Taping, 3mm)	35-15- 2	Screw 3.18	1	148015-001	
35-12- 2	Screw	1	146865-001		35-15- 3	Presser Foot Supporter	1	148016-001	
35-12- 3	Presser Foot	1			35-15- 4	Presser Foot Under Supporter	1	149141-001	
35-12- 4	Presser Foot (Front)	1	145147-001		35-15- 5	Presser Foot	1		
35-12- 5	Screw 2.38	1	105288-001		35-15- 6	Presser Foot (Rear)	1	148019-001	
35-12- 6	Presser Foot (Rear)	1	149260-001		35-15- 7	Screw 3.18	2	148015-001	
35-12- 7	Screw	1	149261-001		35-15- 8	Presser Foot (Front)	1	149143-001	E-35-16 Presser Foot Assembly 148013-001 (Denim, 5mm)
35-12- 8	Stop Ring E2.5	1	048025-342		35-15- 9	Washer 3	1	025030-232	
35-12- 9	Nut 3.18	1	149262-001		35-15-10	Screw 3/8-40 x 6	1	062660-612	
35-12-10	Spring	1	146869-001		35-16- 1	Sub-Presser Arm	1		
35-12-11	Stud Screw 3.18	1	146901-001		35-16- 2	Screw 3.18	1	148015-001	
35-12-12	Spring	1	146870-001		35-16- 3	Presser Foot Supporter	1	148016-001	
35-12-13	Screw 2.38	1	122771-002		35-16- 4	Presser Foot Under Supporter	1	148017-001	
35-13- 1	Sub-Presser Arm	1		E-35-13 Presser Foot Assembly 148405-101 (Taping, 5mm)	35-16- 5	Presser Foot	1		E-35-17 Presser Foot Assembly 156507-001 (5mm)
35-13- 2	Screw	1	140270-001		35-16- 6	Presser Foot (Rear)	1	148019-001	
35-13- 3	Presser Foot	1			35-16- 7	Screw 3.18	2	148015-001	
35-13- 4	Presser Foot (Front)	1	145147-001		35-16- 8	Presser Foot (Front)	1	148020-001	
35-13- 5	Screw 2.38	1	105288-001		35-16- 9	Washer 3	1	025030-232	
35-13- 6	Presser Foot (Rear)	1	149265-001		35-16-10	Screw 3/8-40 x 6	2	062660-612	
35-13- 7	Screw	1	149266-001		35-17- 1	Sub-Presser Arm	1		E-35-17 Presser Foot Assembly 156507-001 (5mm)
35-13- 8	Stop Ring E2.5	1	048025-342		35-17- 2	Screw	1	140270-001	
35-13- 9	Nut 3.18	1	149262-001		35-17- 3	Presser Foot	1		
35-13-10	Spring	1	146869-001		35-17- 4	Presser Foot (Front)	1	145147-001	
35-13-11	Stud Screw 3.18	1	146901-001		35-17- 5	Screw 2.38	1	105288-001	
35-13-12	Spring	1	146870-001		35-17- 6	Presser Foot (Rear)	1	149265-001	
35-13-13	Screw 2.38	1	122771-002		35-17- 7	Screw	1	149266-001	
35-14- 1	Sub-Presser Arm	1		E-35-14 Presser Foot Assembly 147370-101 (Binding, 3mm)	35-17- 8	Stop Ring E2.5	1	048025-342	
35-14- 2	Screw	1	146865-001		35-17- 9	Nut 3.18	1	149262-001	
35-14- 3	Presser Foot	1			35-17-10	Spring	1	146869-001	
35-14- 4	Presser Foot (Front)	1	147371-001		35-17-11	Stud Screw 3.18	1	146901-001	
35-14- 5	Screw 2.38	1	105288-001		35-17-12	Spring	1	146870-001	
35-14- 6	Presser Foot (Rear)	1	149260-001		35-17-13	Screw 2.38	1	122771-002	

F. Feed mechanism (1) / Transportvorrichtung (1)
Mécanisme de l'entraînement (1) / Mecanismo de la alimentación (1)



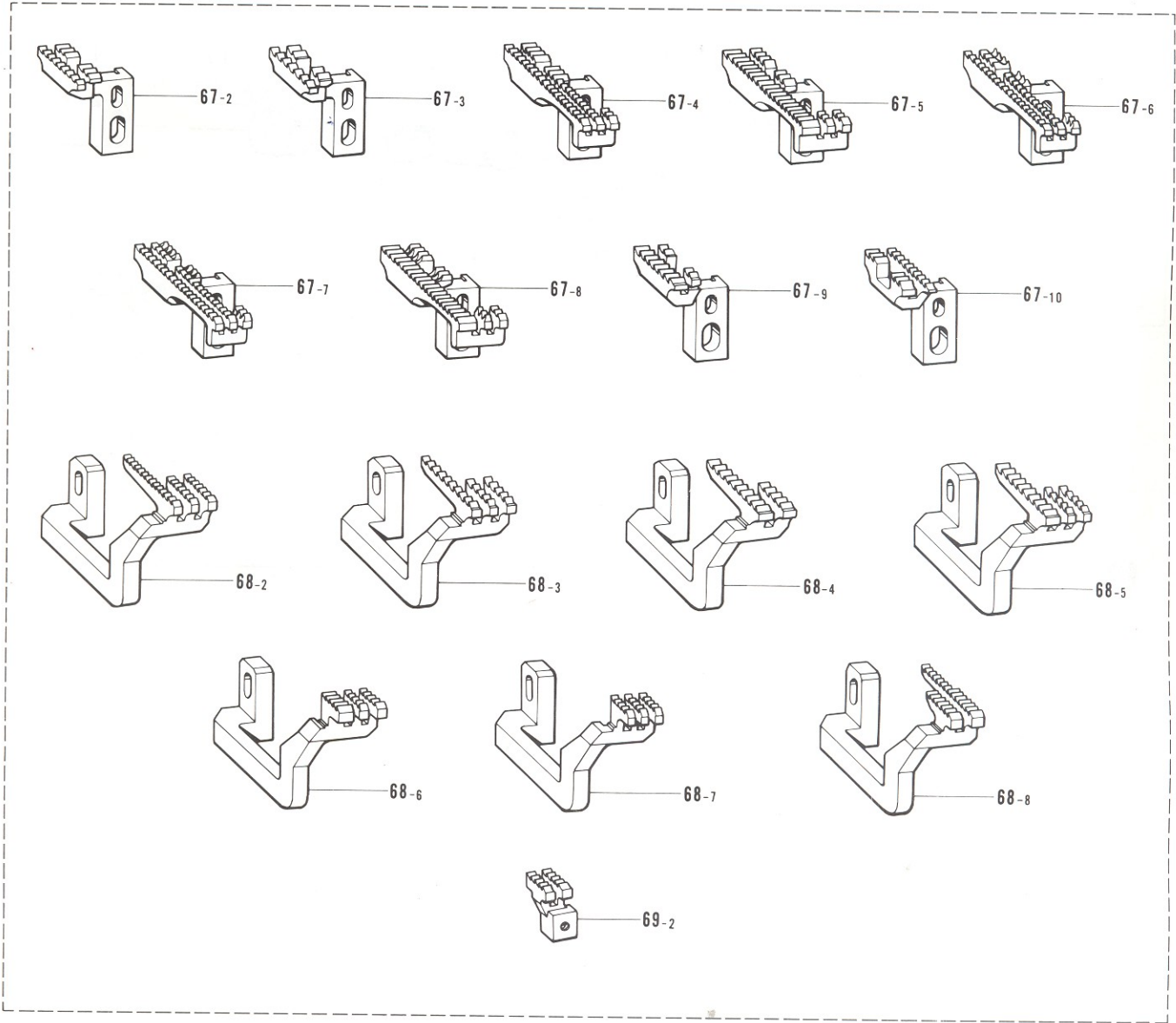
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1- 1	Eccentric Wheel	1		F-1 Eccentric Wheel Assembly 146528-001	20-3	Washer	1	140208-001	F-20 Feed Bar Guide Block Link Assembly 159475-001
1- 2	Screw 4.37	1	107093-002		20-4	Main Feed Link	1	140209-001	
1- 3	Screw 4.37	1	145663-001		20-5	Main Feed Link Shaft (Small)	1	140210-001	
1- 4	Slide Block	1	140165-001		20-6	Differential Feed Link	1	146554-001	
1- 5	Gib	1	146401-001		20-7	Differential Feed Link Bushing	1	146555-001	
1- 6	Gib Holder Pin	2	146402-001		20-8	Washer	1	140208-001	
1- 7	Gib Holder Plate (S)	1	146403-001		20-9	Feed Link Shaft (L)	1	140217-001	
1- 8	Gib Holder Plate (L)	1	146404-001		23	Feed Bar Guide (R)	1	148174-000	
1- 9	Screw 318-40 x 5	1	062660-512		24	Washer	2	113431-002	
1-10	Eccentric Wheel Holder	1			25	Screw 4.37	2	107407-003	
1-11	Eccentric Wheel Adjusting Cam	1	144053-001		26	Feed Bar Guide (L)	1	149888-000	
1-12	Spring	1	144055-001		27	Washer	2	113431-002	
1-13	Washer	1	146529-001	F-20-1 Feed Bar Guide Block Assembly 146541-001	28	Screw 4.37	2	107407-003	F-34 Collar Assembly 181969-003
1-14	Stop Ring C15	1	048150-143		29	Feed Bar Guide Block	1	146547-000	
1-15	Feed Rod	1	146530-001		30	Feed Bar Guide Block Shaft	1	146548-001	
1-16	Needle Roller Bearing 20	1	146531-001		31	Screw 6.35 x 6	1	014770-622	
1-17	Feed Rod Presser Plate	1	140176-001		32	Slide Plate	1	146549-001	
1-18	Screw 2.38	2	117517-003		33	Screw 437-40 x 7	1	062680-712	
1-19	Screw 4.76	2	100025-002		34-1	Set Collar	1		
4	Screw 6.35	1	100251-001		34-2	Screw 6.35	2	101706-001	
7	Feed Adjusting Shaft	1	146534-001		65	Bolt 4.37	2	117516-001	
8	Spring	1	146535-001		66	Screw 238-56 x 8	1	062630-812	
9	Stop Ring E4	1	048040-342		67-1	Main Feed Dog	1	146567-001	
10	Supporter for Feed Adjusting Shaft	1	146536-001		68-1	Differential Feed Dog	1	146572-001	
11	Screw 357-40 x 6	1	062670-612		69-1	Chain Feed Dog	1	146577-001	
12	Cap	1	146537-000		71	Fragment Protector	1	149886-000	
20-1-1	Main Feed Bar	1			72	Fragment Protector Plate	1	149887-001	
20-1-2	Differential Feed Bar	1			73	Screw 3.57	2	106568-003	
20-1-3	Feed Lifting Slide Block	1	146544-000		75	Packing	1	118770-001	
20-2	Main Feed Link Bushing	1	140207-001		76	Washer	1	113431-002	

F. Feed mechanism (2) / Transportvorrichtung (2)
Mécanisme de l'entraînement (2) / Mecanismo de la alimentación (2)



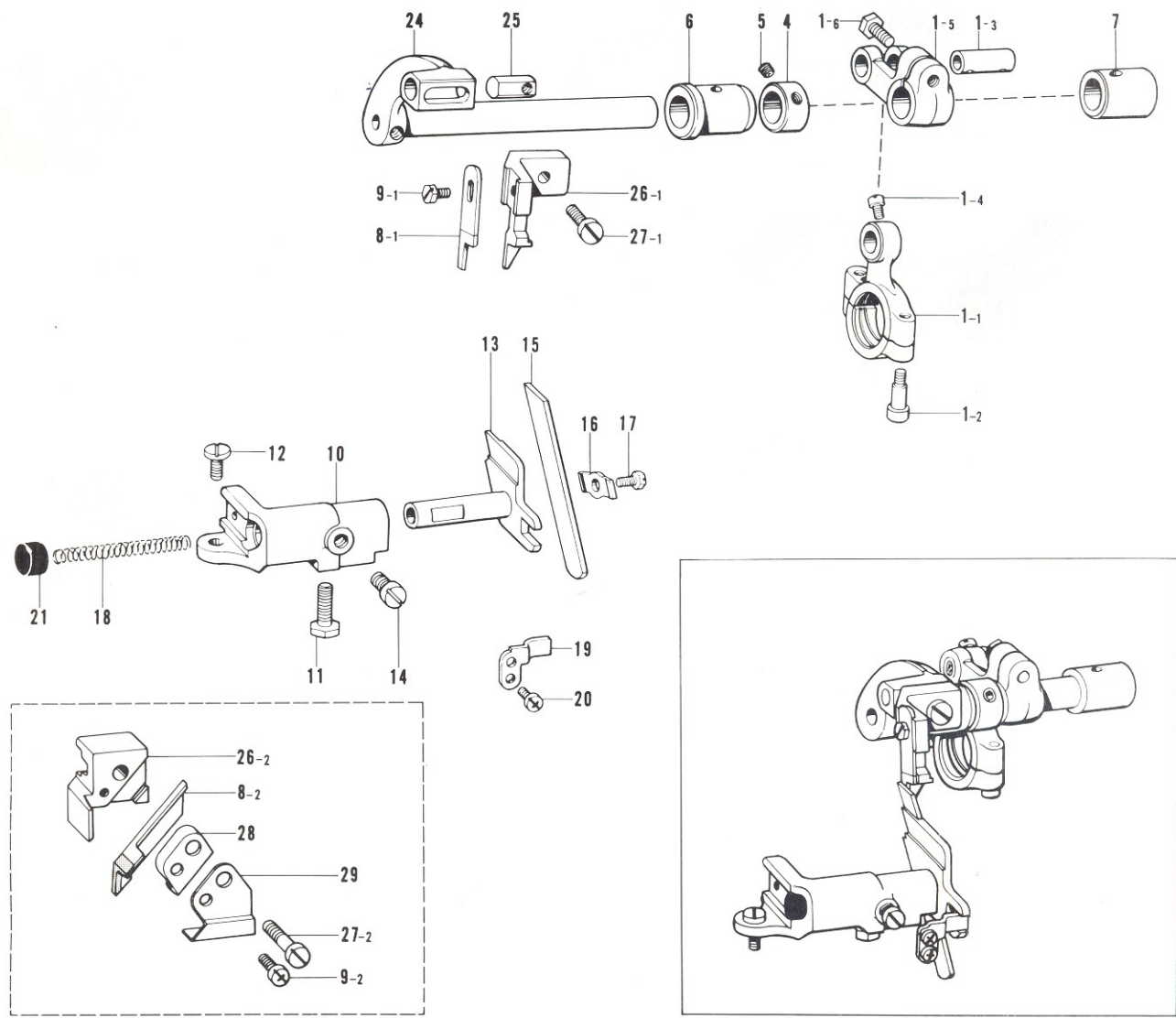
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
2	Feed Arm Pin	1	146532-001		49	Differential Feed Adjusting Link	1	146556-001	
3	Oil Cap	1	140326-001		50	Screw 3.57	1	148834-001	
5	Feed Arm	1	146533-001		52-1	Differential Feed Link Lever	1	F-52 Link Lever Assembly 146914-001	
6	Bolt 6.35 x 16	1	017771-612		52-2	Bolt 6.35 x 14	1	017771-412	
13	Feed Shaft	1	146538-001		53	Differential Feed Adjusting Lever	1	146558-001	
14	Oil Cap	2	140327-001		54	Stud Screw 5.56	1	146559-001	
15	Feed Shaft Bushing (L)	1	146539-000		55	Spring	1	146560-001	
16	Feed Shaft Bushing (R)	1	146540-000		56	Stud Screw 4.76	1	100294-002	
17	Cover for Feed Shaft Bushing (L)	1	140188-004		57	Packing	1	109203-001	
18	Packing	1	140187-000		58	Dowel Pin	1	140063-001	
19	Screw 3.57	3	102538-002		59-1	Differential Stitch Control	1	146561-001	
35	Main Feed Arm	1	140205-001		59-2	Differential Stitch Control (Ruffling)	1	146562-001	
36	Bolt 6.35 x 14	1	017771-412		60	Stopper for Differential Stitch Control	2	146563-001	
37	Main Feed Link Shaft (Large)	1	143564-001		61	Bolt 6.35 x 14	2	017771-412	
40	Washer	1	113431-002		62	Knob	1	146564-001	
41	Nut 4.76	1	143565-001		63	Screw	1	146565-001	
44-1	Differential Feed Arm	1	F-44 Differential Feed Arm Assembly 146550-001		64	Washer	1	146566-001	
44-2	Differential Feed Adjuster	1			70	Washer 6.35	2	025770-232	
44-3	Differential Feed Adjuster Cap	1							
44-4	Screw 318-40 x 7	2	062660-712						
44-5	Bolt 6.35 x 14	1	017771-412						

F. Feed mechanism (3) / Transportvorrichtung (3)
 Mécanisme de l'entraînement (3) / Mecanismo de la alimentación (3)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
67- 2	Main Feed Dog	1	146568-001		68- 2	Differential Feed Dog	1	146573-001	
67- 3	Main Feed Dog (Denim)	1	146569-001		68- 3	Differential Feed Dog (Denim)	1	146574-001	
67- 4	Main Feed Dog (Ruffling)	1	146570-001		68- 4	Differential Feed Dog (Denim)	1	148981-001	
67- 5	Main Feed Dog (Ruffling)	1	146571-001		68- 5	Differential Feed Dog (Denim)	1	S00878-001	
67- 6	Main Feed Dog (Ruffling W/Piping)	1	147829-001		68- 6	Differential Feed Dog (Ruffling)	1	146575-001	
67- 7	Main Feed Dog (Ruffling W/Piping)	1	147830-001		68- 7	Differential Feed Dog (Ruffling)	1	146576-001	
67- 8	Main Feed Dog (Ruffling W/Piping)	1	147831-001		68- 8	Differential Feed Dog	1	151470-001	
67- 9	Main Feed Dog (Denim)	1	148980-001		69- 2	Chain Feed Dog (Ruffling)	1	146578-001	
67-10	Main Feed Dog	1	151469-001						

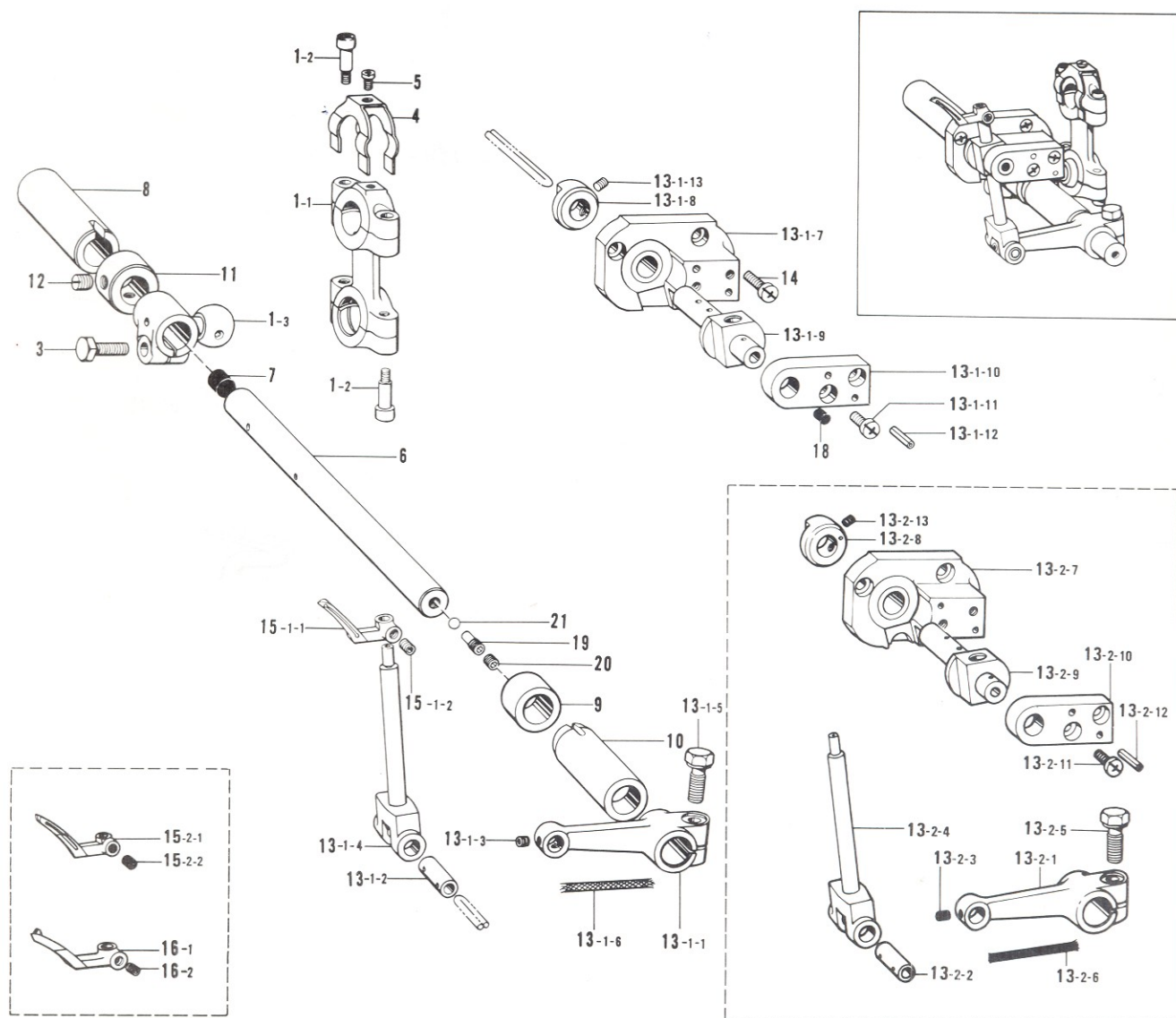
G. Knife mechanism / Messer
Mécanisme du couteau / Mecanismo del cuchilla



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Upper Knife Driving Rod	1		G-1 Upper Knife Driving Rod Assembly 148427-001	13	Lower Knife Holder	1	146583-001	
1-2	Screw 4.37 x 14	2	148425-001		14	Screw 6.35	1	102627-001	
1-3	Pin	1	140232-001		15	Lower Knife	1	112436-001	
1-4	Screw 4.37	1	100366-001		16	Lower Knife Presser Plate	1	117515-001	
1-5	Upper Knife Driving Lever	1	140233-001		17	Bolt 4.37	1	117516-001	
1-6	Bolt 6.35 x 16	1	017771-612		18	Spring	1	146584-001	
4	Set Collar	1	146581-001		19	Lower Knife Holder Guide	1	146585-001	
5	Screw 5.95	2	100260-001		20	Screw 357-40 x 6	2	062670-612	
6	Bushing (Left)	1	140235-000		21	Cap	1	146586-000	
7	Bushing (Right)	1	144117-000		24	Upper Knife Driving Arm	1	146580-001	
8-1	Upper Knife	1	144074-000		25	Nut	1	148281-001	
8-2	Angle Knife with Carbide Tip	1	148815-001		26-1	Upper Knife Holder	1	144179-001	
9-1	Bolt 3.57	1	144075-001		26-2	Upper Knife Holder	1	148345-001	
9-2	Screw 357-40 x 10	1	062671-016		27-1	Screw 4.37	1	107407-003	
10	Lower Knife Holder Supporter	1	146582-001		27-2	Screw 4.37	1	102424-003	
11	Bolt 6.35 x 14	1	017771-412		28	Upper Knife Presser	1	148343-001	
12	Screw 4.37	1	107407-003		29	Upper Knife Presser Plate	1	148344-001	

H. Over looper mechanism / Oberen Greifer

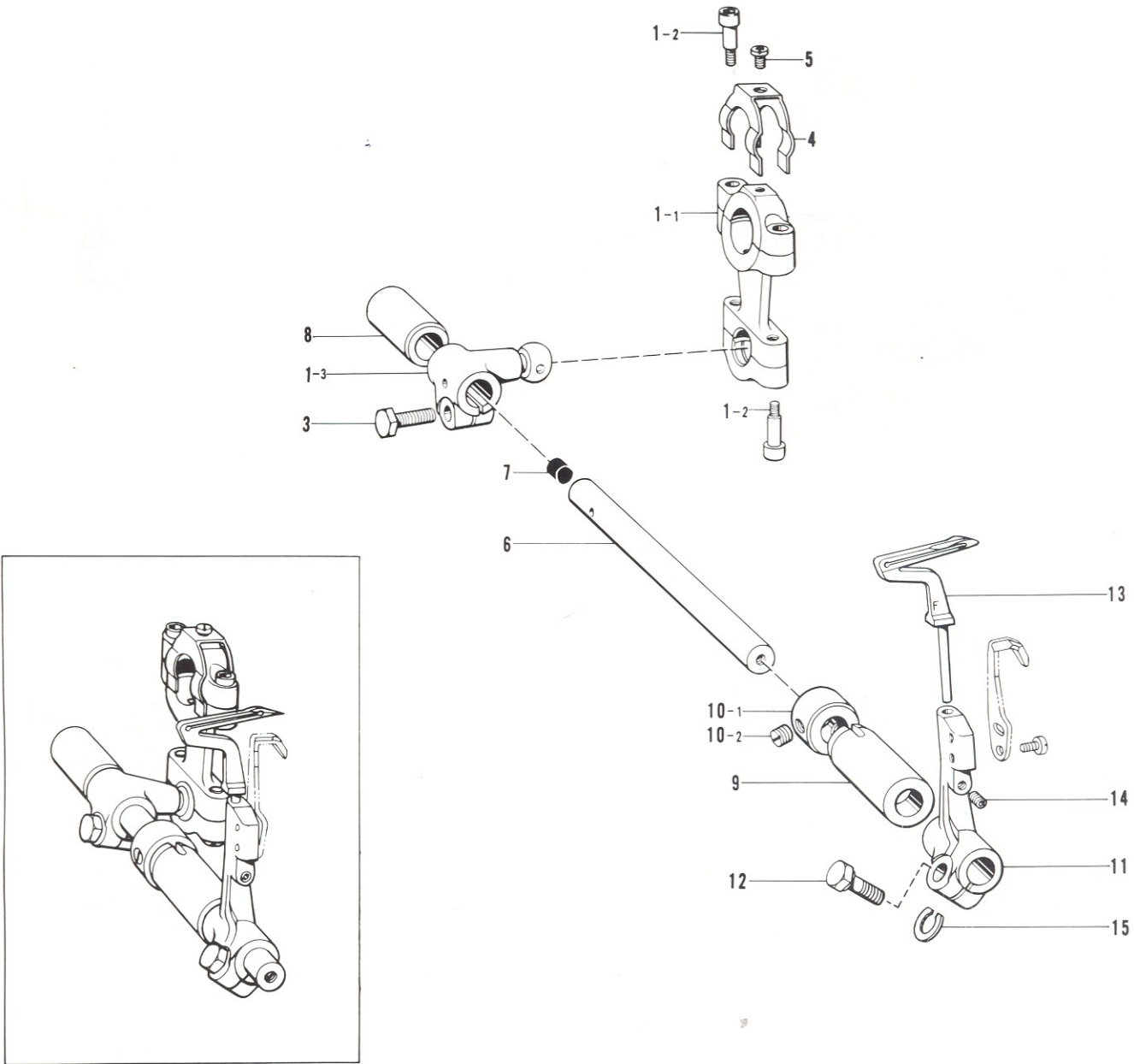
Mécanisme du boucleur supérieur / Mecanismo del presilladora superior



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Over Looper Connecting Rod	1		H-1	13-2- 1	Over Looper Driving Lever	1		
1-2	Screw 4.37 x 14	4	148425-001	Over Looper Connecting Rod Assembly *144025-001	13-2- 2	Over Looper Holding Shaft	1	148379-001	
1-3	Over Looper Connecting Lever	1			13-2- 3	Screw 3.57	1	148294-001	
3	Bolt 6.35 x 14	1	017771-412		13-2- 4	Over Looper Holder	1		
4	Looper Connecting Rod Stopper	1	110704-001		13-2- 5	Bolt 6.35 x 16	1	149170-001	
5	Screw 318-40 x 4	1	062660-412		13-2- 6	Wick	1	140416-000	
6	Over Looper Shaft	1	148033-001		13-2- 7	Over Looper Holder Guide Base	1		H-13-2 Over Looper Assembly 146611-201 (High-lift)
7	Oil Cap	1	140327-001		13-2- 8	Set Collar	1		
8	Bushing	1	144029-000		13-2- 9	Over Looper Holder Guide Block	1		
9	Thrust Collar	1	146602-001		13-2-10	Over Looper Holder Supporting Plate	1		
10	Bushing	1	144031-000		13-2-11	Screw 437-40 x 10	2	062681-012	
11	Set Collar	1	146581-001		13-2-12	Pin AW3	2	047301-440	
12	Screw 5.95	2	100260-001		13-2-13	Screw 4.37	2	014680-422	
13-1- 1	Over Looper Driving Lever	1			14	Screw 437-40 x 7	3	062680-712	
13-1- 2	Over Looper Holding Shaft	1	148379-001		15-1- 1	Over Looper (Standard)	1		H-15-1 Over Looper 147934-001
13-1- 3	Screw 3.57	1	148294-001		15-1- 2	Screw 4.37	1	014680-422	
13-1- 4	Over Looper Holder	1			15-2- 1	Over Looper (High-lift)	1		H-15-2 Over Looper 159686-001
13-1- 5	Bolt 6.35 x 16	1	149170-001		15-2- 2	Screw 4.37	1	014680-422	
13-1- 6	Wick	1	140416-000		16-1	Spreader	1		H-16 Spreader 147935-001
13-1- 7	Over Looper Holder Guide Base	1		H-13-1 Over Looper Assembly 146603-201 (Standard)	16-2	Screw 4.37	1	014680-422	
13-1- 8	Set Collar	1			18	Oil Cap	1	159101-000	
13-1- 9	Over Looper Holder Guide Block	1			19	Screw	1	148034-001	
13-1-10	Over Looper Holder Supporting Plate	1			20	Screw 3.57	1	148294-001	
13-1-11	Screw 437-40 x 10	2	062681-012		21	Steel Ball 3/32	1	071023-850	
13-1-12	Pin AW3	2	047301-440						
13-1-13	Screw 4.37	2	014680-422						

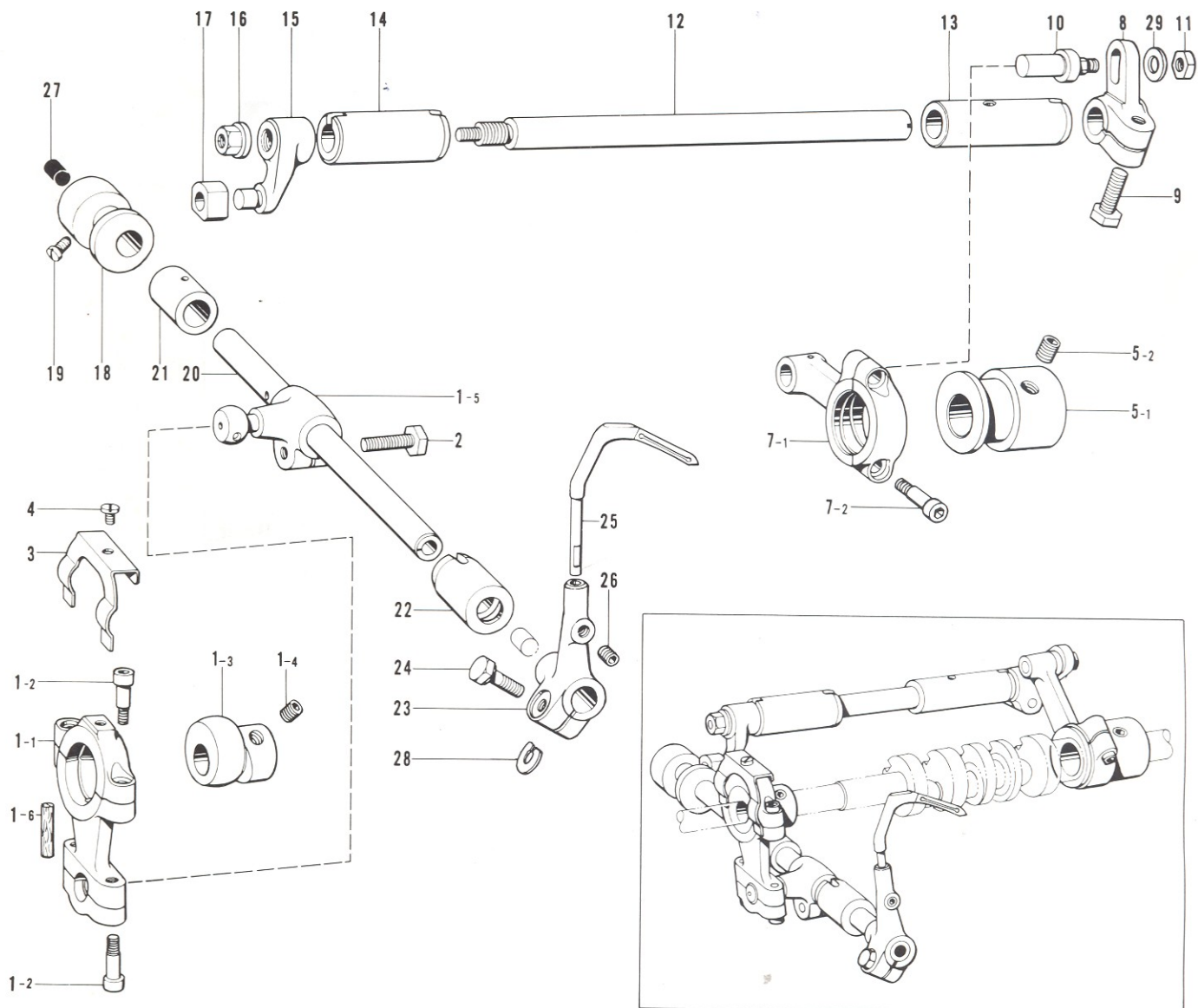
J. Lower looper mechanism / Unterer Greifer

Mécanisme du boucleur inférieur / Mecanismo del presilladora inferior

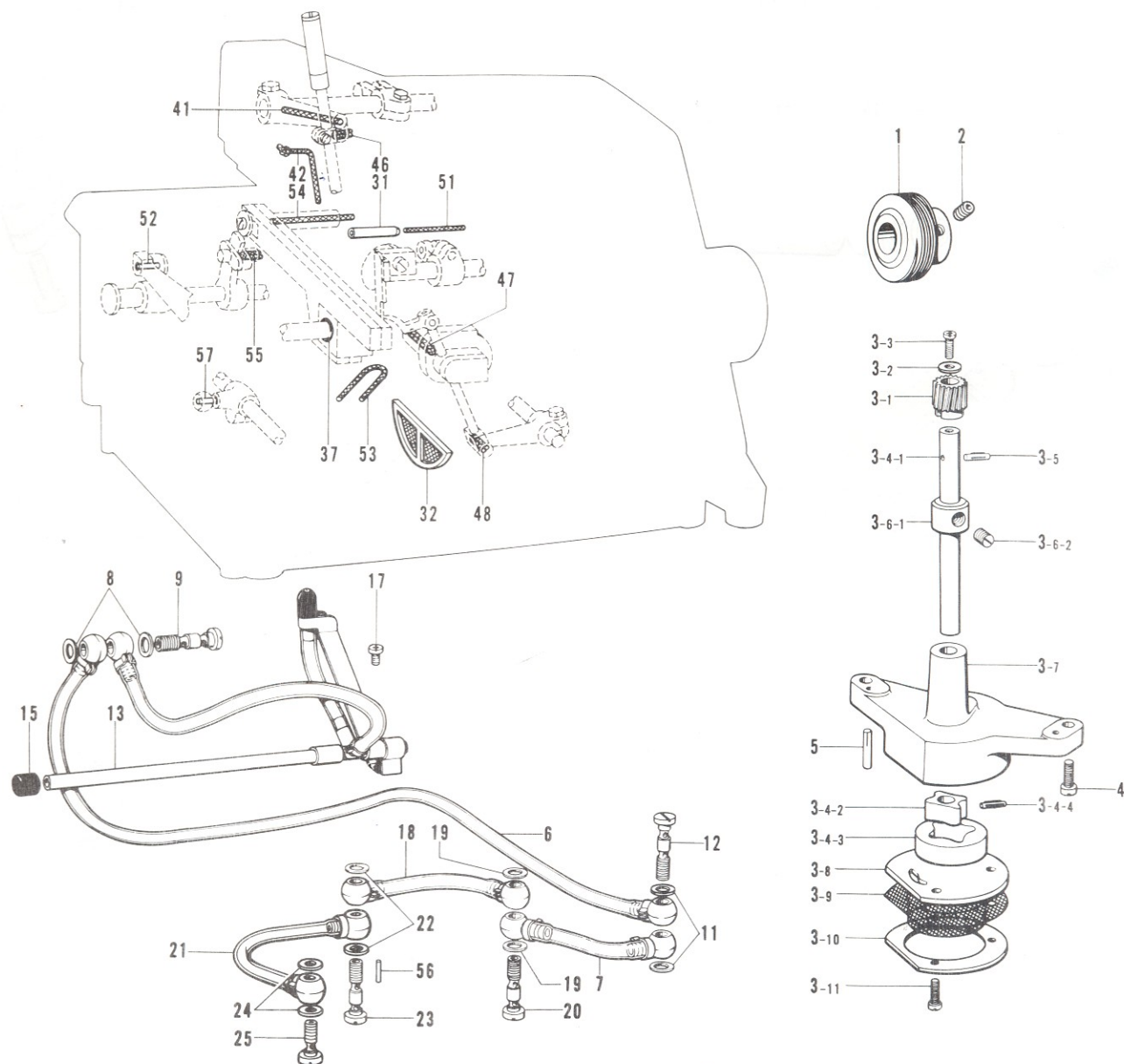


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Lower Looper Connecting Rod	1	148425-001	J-1 Under Looper Connecting Rod Assembly *144044-001	8	Lower Looper Shaft Bushing (B)	1	146615-000	
1-2	Screw 4.37 x 14	4			9	Lower Looper Shaft Bushing (F)	1	146616-000	
1-3	Lower Looper Connecting Lever	1			10-1	Set Collar	1	013760-612	J-10 Collar Assembly 180323-001
3	Bolt 6.35 x 16	1	017771-612		10-2	Screw 5.95	2		
4	Looper Connecting Rod Stopper	1	110704-001		11	Lower Looper Holder	1	146617-001	
5	Screw 318-40 x 4	1	062660-412		12	Bolt 5.56 x 14	1	149171-001	
6	Lower Looper Driving Shaft	1	146614-001		13	Lower Looper	1	S01248-001	
7	Oil Cap	1	140327-001		14	Screw 4.37	1	014680-422	
					15	Spacer	1	148782-001	

K. Double chain stitch looper mechanism / Doppelkettenstichgreifer
Mécanisme de boucleur pour point de chaînette double / Mecanismo del presilladora de doble cadeneta

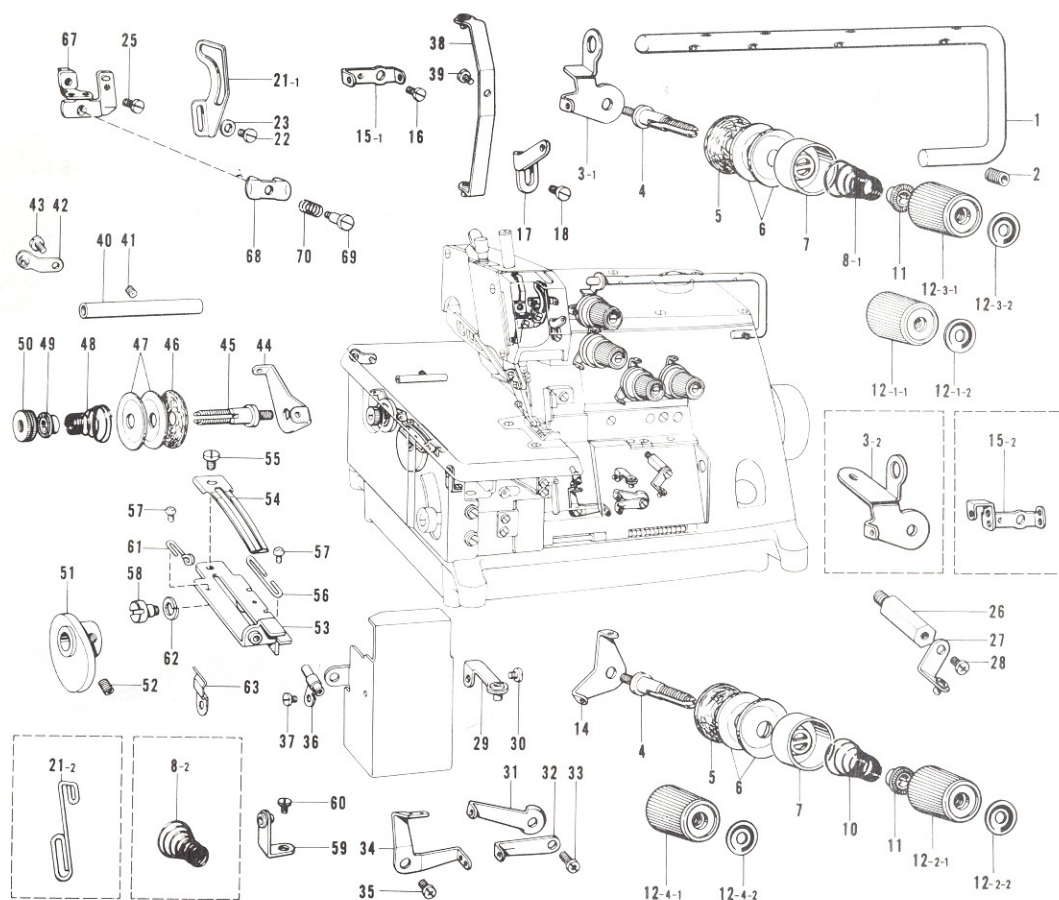


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Longitudinal Feed Rod	1		K-1 Longitudinal Feed Rod Assembly 146618-001	11	Nut 4.76	1	110161-006	
1-2	Bolt 4.37 x 14	4	148425-001		12	Longitudinal Feed Lever Shaft	1	146628-001	
1-3	Longitudinal Eccentric Cam (Left)	1			13	Bushing (Right)	1	140150-000	
1-4	Screw 6.35	2	014770-622		14	Bushing (Left)	1	146629-000	
1-5	Ball Joint	1			15	Feed Lever (Left)	1	146630-001	
1-6	Felt	1	147691-000		16	Nut 5.56	1	110778-002	
2	Bolt 6.35 x 16	1	017771-612		17	Slide Block	1	140313-001	
3	Looper Connecting Rod Stopper	1	146622-001		18	Longitudinal Feed Cam	1	146631-001	
4	Screw 318-40 x 4	1	062660-412		19	Screw 4.37	2	120990-001	
5-1	Longitudinal Eccentric Cam (Right)	1		K-5 Eccentric Cam (Right) Assembly 147988-001	20	Longitudinal Feed Shaft	1	146632-001	
5-2	Screw 6.35	2	014770-622		21	Bushing (Rear)	1	146633-000	
7-1	Longitudinal Feed Driving Rod	1		K-7 Longitudinal Feed Rod Assembly 146624-101	22	Bushing (Front)	1	140159-000	
7-2	Bolt 4.37 x 14	2	148425-001		23	Chain Stitch Looper Holder	1	146634-001	
8	Feed Lever (Right)	1	146626-001		24	Bolt 5.56 x 14	1	149171-001	
9	Bolt 6.35 x 16	1	017771-612		25	Double-Chain Stitch Looper	1	146635-001	
10	Pin	1	146627-001		26	Screw 4.37	1	014680-422	
					27	Oil Cap	2	140327-001	
					28	Spacer	1	148782-001	
					29	Washer 4.76	1	153484-001	



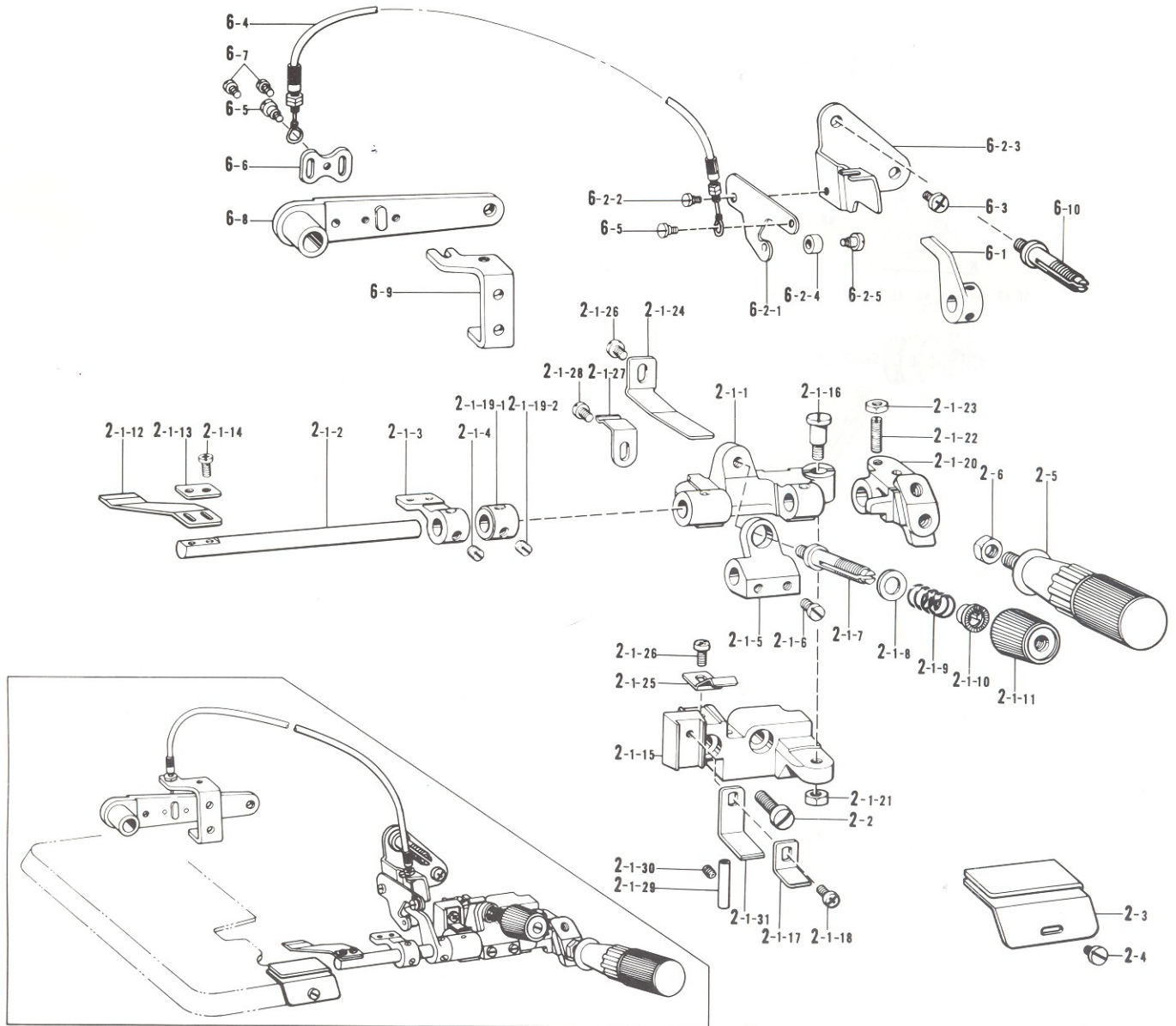
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Worm	1	146647-001		13	Main Oil Pipe	1	146636-101	
2	Screw 6.35 x 6	2	014770-622		15	Oil Cap	1	140325-001	
3- 1	Worm Wheel	1	144619-000	L-3	17	Screw 357-40 x 6	1	062670-612	
3- 2	Washer 3.5	1	025350-332	Pump Assembly	18	Vinyl Tube	1	140778-001	
3- 3	Screw 357-40 x 8	1	062670-812	147521-001	19	Packing	2	112348-001	
3- 4-1	Pump Inner Roter Shaft	1		L-3-4	20	Oil Feeding Pipe (B)	1	112364-001	
3- 4-2	Pump Inner Roter	1		Pump Inner	21	Vinyl Tube	1	140778-001	
3- 4-3	Pump Outer Roter	1		Roter	22	Packing	2	112348-001	
3- 4-4	Pin	1		Assembly	23	Oil Feeding Pipe (B)	1	112364-001	
3- 5	Pin	1	144622-001	147523-001	24	Packing	2	112348-001	
3- 6-1	Set Collar	1		L-3-6	25	Screw	1	112359-001	
3- 6-2	Screw 6.35	2	101706-001	Collar	31	Oil Pipe	1	147217-000	
3- 7	Pump Case	1		Assembly	32	Oil Filter	1	145664-000	
3- 8	Pump Cover	1	147527-001	181995-001	37	Packing	1	114294-001	
3- 9	Oil Filter Gauge Wire	1	147528-100	L-3	41	Wick	1	140418-000	
3-10	Oil Frange Filter	1	147529-001	Pump Assembly	42	Wick	1	150307-000	
3-11	Screw 357-40 x 10	3	062671-012	147521-001	46	Wick	2	140415-000	
4	Screw 476-32 x 12	2	062711-212		47	Wick	1	140317-000	
5	Pin D3 x 16	2	508693-001		48	Wick	1	140417-000	
6	Vinyl Tube	1	140780-001		51	Wick	1	112735-000	
7	Vinyl Tube	1	140779-001		52	Pin	1	147318-000	
8	Packing	2	112348-001		53	Wick	1	147361-000	
9	Oil Feeding Pipe (B)	1	112364-001		54	Wick	1	147362-000	
11	Packing	2	112348-001		55	Felt	1	147363-000	
12	Oil Feeding Pipe (B)	1	112364-001		56	Pin	1	147318-000	
					57	Pin	1	147318-000	

M. Thread tension / Faderspannung
Tension du fil / Tension del hilo



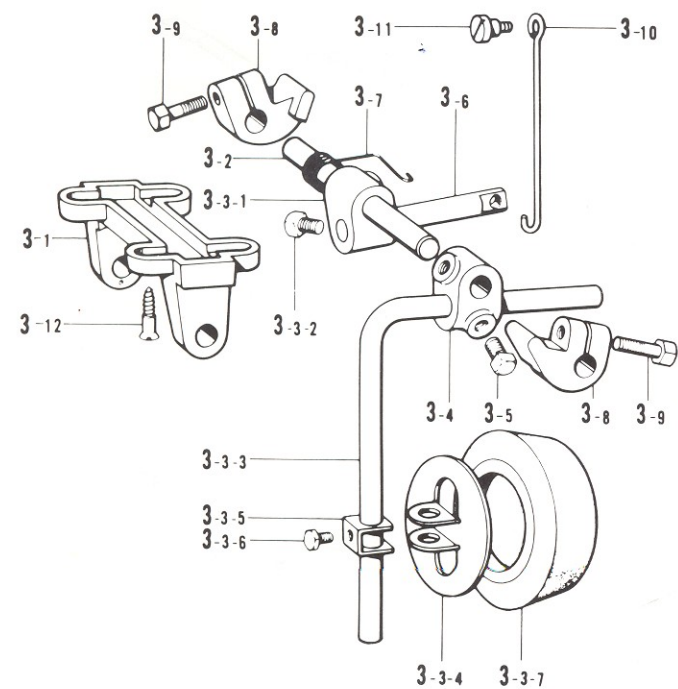
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Main Thread Guide	1	146648-001		28	Screw 357-40 x 6	1	062670-612	
2	Screw 6.35 x 6	1	014770-622		29	Over Looper Thread Guide	1	146929-001	
3-1	Thread Guide Supporter	1	146649-001		30	Screw 357-40 x 6	1	062670-612	
3-2	Thread Guide Supporter	1	156509-001		31	Over Looper Thread Take-up (R)	1	146652-001	
4	Thread Tension Control Stud		110820-101		32	Lower Looper Thread Take-up (R)	1	146653-001	
5	Felt		110832-001		33	Screw 357-40 x 8	1	062670-812	
6	Tension Disc		145446-001		34	Looper Thread Take-up (L)	1	146654-001	
7	Tension Disc Washer		144103-002		35	Screw 357-40 x 6	1	062670-612	
8-1	Spring	2	144104-001		36	Over Looper Thread Guide	1	142669-002	
8-2	Spring	2	148851-001		37	Screw 3.28	1	100105-005	
10	Spring	2	144110-001		38	Thread Guide	1	146925-001	
11	Tension Spring Washer	4	144105-000		39	Screw 357-40 x 6	1	062670-612	
12-1-1	Thread Tension Control Nut	1	149566-001	M-12-1 Thread Tension Control Nut Assembly 149568-001	40	Thread Guide Pipe	1	146656-001	
12-1-2	Tension Indicating Plate	1	147049-001		41	Screw 3.18	1	013660-612	
12-2-1	Thread Tension Control Nut	1	149566-001	M-12-2 Thread Tension Control Nut Assembly 149568-002	42	Chain Stitch Looper Thread Guide	1	151617-001	
12-2-2	Tension Indicating Plate	1	147049-002		43	Screw 357-40 x 6	1	062670-612	
12-3-1	Thread Tension Control Nut		149566-001	M-12-3 Thread Tension Control Nut Assembly 149568-003	44	Needle Thread Guide Plate	1	110813-001	
12-3-2	Tension Indicating Plate		147049-003		45	Thread Tension Control Stud	1	147148-001	
12-4-1	Thread Tension Control Nut	1	149566-001	M-12-4 Thread Tension Control Nut Assembly 149568-004	46	Felt	1	110832-001	
12-4-2	Tension Indicating Plate	1	147049-004		47	Tension Disc	2	145446-001	
14	Needle Thread Guide Plate		110813-001		48	Thread Tension Adjusting Spring	1	147149-001	
15-1	Needle Thread Guide (A)	1	143757-001		49	Tension Spring Washer	1	144105-000	
15-2	Needle Thread Guide (A)	1	146793-001		50	Upper Thread Tension Adjusting Nut	1	151012-001	
16	Screw 318-40 x 4	1	062660-412		51	Chain Stitch Looper Take-up	1	150807-101	
17	Chain Stitch Needle Thread Guide	1	146650-001		52	Screw 4.37	2	014680-422	
18	Screw 357-40 x 8	1	062670-812		53	Chain Stitch Base Plate Assembly	1	150808-001	
21-1	Needle Thread Take-up	1	144108-001		54	Thread Handler	1	150810-001	
21-2	Needle Thread Take-up	1	142201-001		55	Screw 357-40 x 4	1	062670-412	
22	Screw 318-40 x 4	1	062660-412		56	Thread Guide (R)	1	146663-001	
23	Washer	1	105248-003		57	Bind 238-56 x 4	2	060630-412	
25	Screw 357-40 x 6	1	062670-612		58	Screw 4.37	1	150812-001	
26	Thread Guide Holder	1	144111-001		59	Thread Guide	1	146930-001	
27	Lower Looper Thread Guide	1	146926-002		60	Screw 357-40 x 6	1	062670-612	
					61	Thread Guide (L)	1	150811-001	
					62	Spring Washer 2-5	1	028050-242	
					63	Spring	1	150813-001	
					67	Needle Thread Take-up Supporter	1		
					68	Needle Thread Guard	1	112300-001	
					69	Stud Screw 3.18	1	112301-001	
					70	Needle Thread Guard Spring	1	112299-001	

N. Ruffler Attachment (I) / Kräuselvorrichtung (I)
 Accessoire pour fronces (I) / Accesorio de fruncido (I)

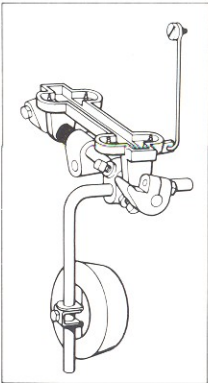


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
2-1- 1	Bracket for Ruffling Blade	1	146588-001	N-2-1 Ruffler Attachment Assembly 146587-201	2-1-25	Spring Plate	1	145808-001	N-2-1 Ruffler Attachment Assembly 146587-201
2-1- 2	Ruffling Blade Base Shaft	1	145803-001		2-1-26	Screw 437-40 x 6	2	062680-612	
2-1- 3	Wrapper Base	1	146589-001		2-1-27	Spring	1	144764-001	
2-1- 4	Screw 6.35	2	101706-001		2-1-28	Bind 357-40 x 5	1	060670-512	
2-1- 5	Spring Base	1	146590-001		2-1-29	Thread Guide Pipe	2	146592-001	
2-1- 6	Screw 5.95	2	105163-001		2-1-30	Screw 3.57	2	013679-412	
2-1- 7	Looper Thread Tension Control Stud	1	110820-101		2-1-31	Ruffling Blade Guide Plate (D)	1	154795-001	N 6-2 Ruffling Plate Lifter Lever Assembly 148395-001
2-1- 8	Washer 6.35	1	025770-232		2-2	Screw 6.35 x 18	2	S01304-001	
2-1- 9	Spring	1	144788-001		2-3	Ruffler Guide	1	144793-000	
2-1-10	Tension Spring Washer	1	144105-000		2-4	Screw 3.57	1	112751-002	
2-1-11	Thread Tension Adjusting Nut	1	149566-001		2-5	Handle	1	145809-001	
2-1-12	Ruffling Blade	1	144783-001		2-6	Nut 6.35	1	150556-002	
2-1-13	Washer	1	144784-001		6-1	Ruffling Plate Lifter	1	148387-001	N 6-2 Ruffling Plate Lifter Lever Assembly 148396-002
2-1-14	Screw 318-40 x 8	2	062660-712		6-2- 1	Ruffling Plate Lifter Lever	1	148388-001	
2-1-15	Ruffler Base	1			6-2- 2	Screw	1	141514-001	
2-1-16	Stud Screw 5.95	1	147933-001		6-2- 3	Presser Foot Lifter Lever Support	1	148389-001	
2-1-17	Ruffling Blade Guide	1	145807-001		6-2- 4	Roller	1	148390-001	
2-1-18	Screw 437-40 x 8	1	062680-812		6-2- 5	Stud Screw 3.18	1	112301-001	
2-1-19-1	Set Collar	1		N-2-1-19 Collar Assembly 181995-002	6-3	Screw 437-40 x 8	1	062680-812	
2-1-19-2	Screw 6.35	2	101706-001		6-4	Flexible Wire Assembly	1	148391-001	
2-1-20	Handle Fixing Plate	1	145810-001	N-2-1 Ruffling Attachment Assembly 146587-201	6-5	Screw	2	141514-001	
2-1-21	Nut 5.95	1	150553-002		6-6	Wire Plate	1	147672-001	
2-1-22	Screw 4.37	1	110230-001		6-7	Screw 357-40 x 6	2	062670-612	
2-1-23	Nut 4.37	1	105234-003		6-8	Presser Foot Lifter Lever	1	148369-101	
2-1-24	Spring Plate	1	145811-001		6-9	Lever Adjuster Plate	1	147454-001	
					6-10	Looper Thread Tension Control Stud	2	159574-001	

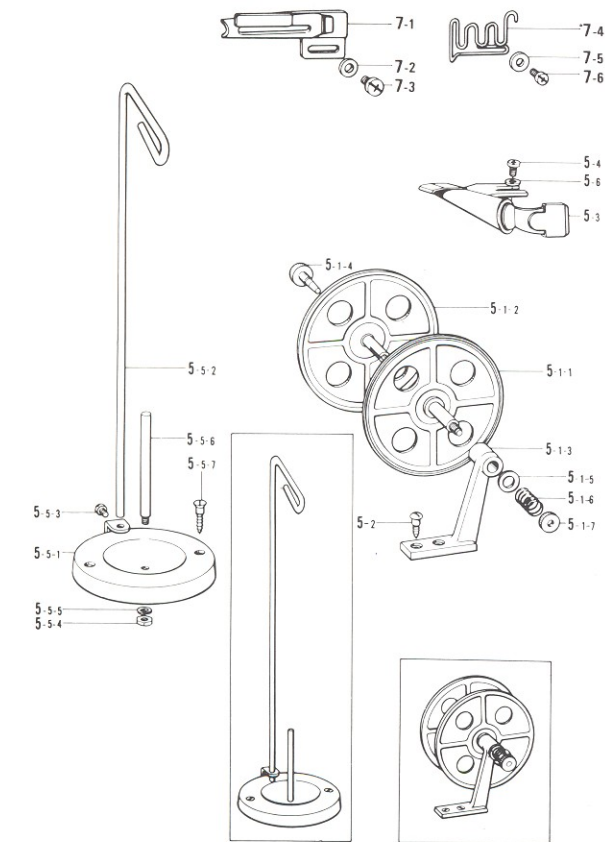
N. Ruffler Attachment (2) / Kräuselvorrichtung (2)
Accessoire pour fronces (2) / Accesorio de fruncido (2)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
3- 1	Knee Lifter Shaft Bracket	1	144803-001	N-3-3 Knee Lifter Assembly 180814-001
3- 2	Knee Lifter Shaft	1	144804-001	
3- 3-1	Knee Lifter Bracket	1	143989-001	
3- 3-2	Bolt 7.94	2	100463-001	
3- 3-3	Knee Lifter Bar	1	104619-002	
3- 3-4	Knee Lifter Plate	1	114966-001	
3- 3-5	Knee Lifter Plate Stopper	1	114967-001	
3- 3-6	Bolt 5.95	1	110087-001	N-3 Knee Lifter Shaft Bracket Assembly 147973-001
3- 3-7	Knee Lifter Cover	1	140503-001	
3- 4	Knee Lifter Bracket	1	143989-001	
3- 5	Bolt 7.94	2	100463-001	
3- 6	Knee Lifter Lever	1	144805-001	
3- 7	Spring	1	144806-001	
3- 8	Collar	2	104890-002	
3- 9	Bolt 5.95 x 22	2	017762-203	
3-10	Connecting Bar	1	146593-001	
3-11	Stud Screw 4.76	1	146594-001	
3-12	Screw 4.5 x 25	4	033452-502	

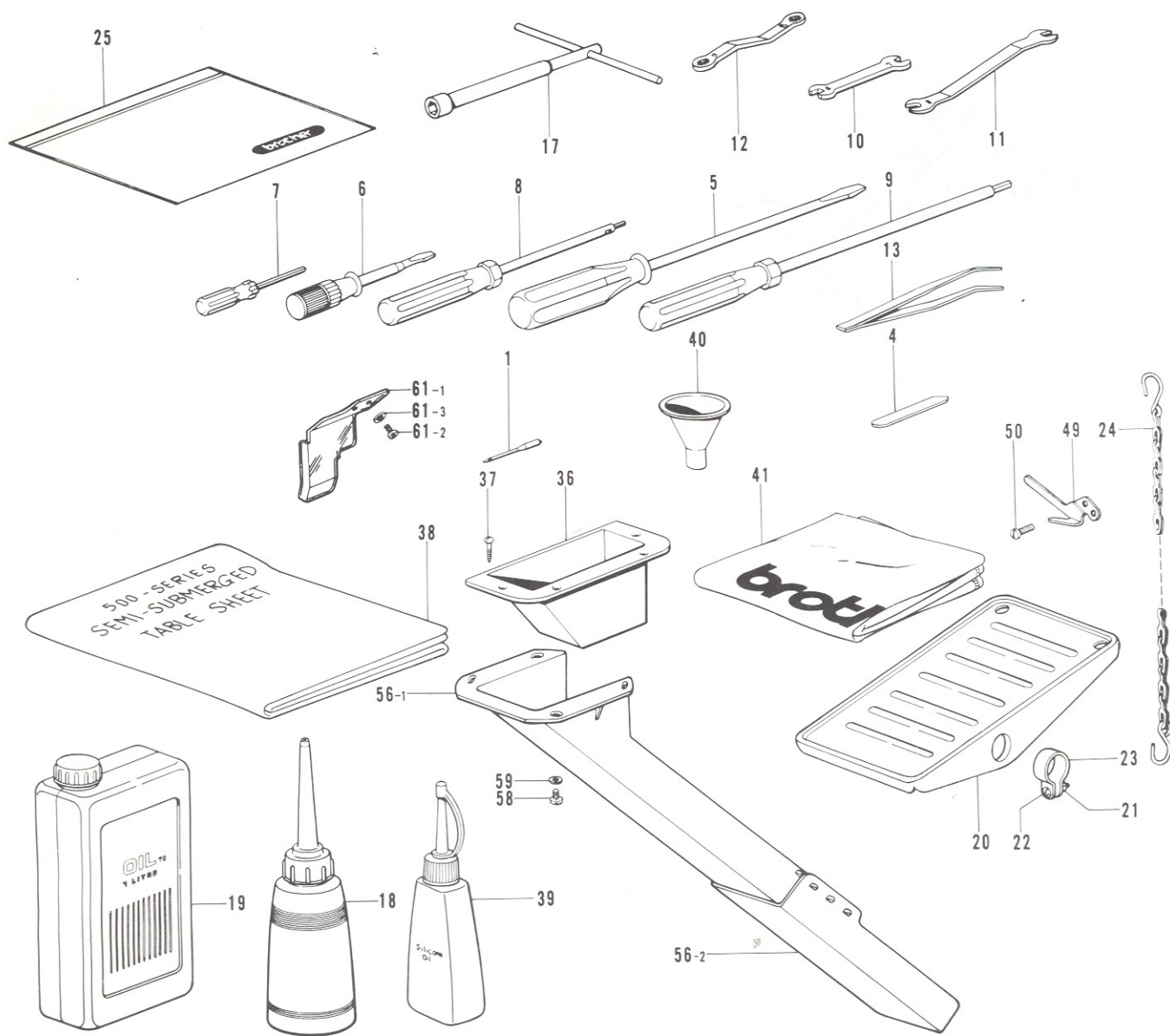


N. Ruffler Attachment (3) / Kräuselvorrichtung (3)
Accessoire pour fronces (3) / Accesorio de fruncido (3)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
5- 1-1	Tape Winder Wheel (R)	1		N-5-1 Tape Winder Assembly 143767-002
5- 1-2	Tape Winder Wheel (L)	1		
5- 1-3	Tape Winder Bracket	1		
5- 1-4	Screw	1	143980-001	
5- 1-5	Washer	1	108494-001	
5- 1-6	Spring	1	108495-001	
5- 1-7	Tension Control Nut	1	100136-001	
5- 2	Screw 4.5 x 20	2	101118-001	N-5 Piping Parts Assembly 147976-001
5- 3	Wrapper Assembly	1	147440-000	
5- 4	Screw 437-40 x 6	2	062680-612	N-5-5 Cotton Stand 181031-001
5- 5-1	Spool Disc	1		
5- 5-2	Thread Guide Stud	1		
5- 5-3	Screw 3.18	1	100080-004	
5- 5-4	Nut 476	1	110161-003	
5- 5-5	Spring Washer 2-5	1	028050-242	
5- 5-6	Spool Stud	1	100444-002	
5- 5-7	Screw 4.5 x 32	2	100447-001	
5- 6	Washer	2	110735-002	
7- 1	Wrapper Assembly	1	147373-000	
7- 2	Washer	2	105161-004	
7- 3	Screw 357-40 x 5	2	062670-512	
7- 4	Tape Guide	1	147377-001	
7- 5	Washer 3.5	2	025350-332	
7- 6	Screw 357-40 x 5	2	062670-512	

Z. Accessories (I) / Zubehör (I) / Accessoires (I) / Accesorios (I)

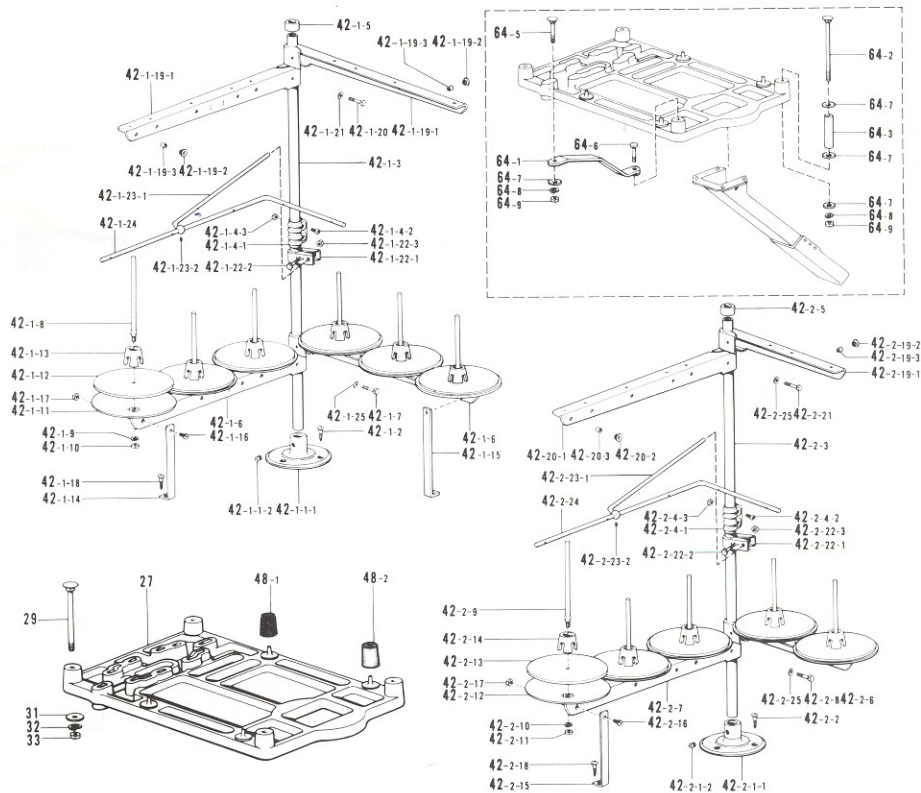


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Needle DC x 1	4	112297-		24	Chain Assembly	1	142262-001	
1	Needle DM x 13	4	140104-		25	Vinyl Bag	1	122991-001	
4	Lower Knife	1	112436-001		36	Duster Drop	1	148430-101	
5	Screw Driver 5.5 x 190	1	101572-101		37	Screw 3.1 x 13	4	031311-302	
6	Screw Driver 3.4 x 70	1	118837-001		38	Table Sheet	1	147698-001	
7	Screw Driver 1.6	1	144124-001		39	Silicone Oil	1	156334-001	
8	Driver Wrench 2	1	146700-001		40	Funnel	1	140759-000	
9	Screw Driver 3	1	149173-001		41	Head Cover	1	144225-002	
10	Spanner 6 x 7	1	107779-001		49	Trimming Knife	1	140888-001	
11	Spanner 8	1	143566-001		50	Screw 318-40 x 4	2	062660-412	
12	Wrench 8 x 9	1	105343-001		56-1	Duster Shoot (L)	1	148431-101	Z-56 Duster Shoot Assembly 183161-101
13	Tweezers	1	117466-000		56-2	Duster Shoot (S)	1	148432-001	
17	Wrench	1	140342-001		58	Screw 437-40 x 10	4	062681-012	
18	Oiler	1	114483-002		59	Washer 4.37	4	025680-232	
19	Oil Tank	1	145277-105		61-1	Eye Guard for Overlock	1	150550-000	Z-61 Eye Guard Assembly 151017-001
20	Treadle Pedal	1	147893-002		61-2	Screw 318-40 x 5	2	062660-512	
21	Nut 4	2	021400-106		61-3	Washer 3	2	025030-232	
22	Screw 4 x 14	2	001401-406						
23	Pedal Stopper	2	116016-001						

* The details of included accessories are subject to change.
* Änderungen in der Aufstellung der mitgelieferten Zubehöre sind vorbehalten.

* Les détails des accessoires inclus sont sujets à des changements.
* Los detalles de los accesorios incluidos pueden variar.

Z. Accessories (2) / Zubehör (2) / Accessoires (2) / Accesorios (2)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
27	Machine Head Plate	1	148447-000		42-2- 3	Pipe	2	150172-001	
29	Bolt 8 x 85	4	210973-001		42-2- 4-1	Joint	1	150173-001	Z-42-2-4
31	Washer 8	4	025080-236		42-2- 4-2	Screw 5 x 14	2	150202-001	Joint for
32	Spring Washer 2-8	4	028080-242		42-2- 4-3	Nut 5	2	021500-103	Cotton Stand
33	Nut 8	4	021080-106		42-2- 5	Cap	1		150106-001
42-1- 1-1	Cotton Stand Base	1	150189-001	Z-42-1-1	42-2- 6	Spool Holder 2	1	150178-001	
42-1- 1-2	Screw 6 x 7	2	150181-101	Cotton Stand	42-2- 7	Spool Holder	1	150176-001	
42-1- 2	Screw 4.5 x 22	3	031452-203	Base Assembly	42-2- 8	Bolt 5 x 28	2	017502-803	
42-1- 3	Pipe	2	150172-001	150139-001	42-2- 9	Spool Shaft (B)	5	150179-001	
42-1- 4-1	Joint	1	150173-001		42-2-10	Spring Washer 2-5	5	028050-243	
42-1- 4-2	Screw 5 x 14	2	150202-001	Z-42-1-4	42-2-11	Nut 5	5	021500-103	Z-42-2
42-1- 4-3	Nut 5	2	021500-103	Joint for	42-2-12	Spool Stand Base	5	150180-000	Cotton Stand
42-1- 5	Cap	1		150106-001	42-2-13	Spool Mat	5	150182-000	Assembly 5THF
42-1- 6	Spool Holder 3	2	150176-001		42-2-14	Spool Cushion	5	126863-000	150162-003
42-1- 7	Bolt 5 x 28	2	017502-803		42-2-15	Spool Holder Supporter (A)	1	150188-001	
42-1- 8	Spool Shaft (B)	6	150179-001		42-2-16	Screw 5 x 10	1	007501-003	
42-1- 9	Spring Washer 2-5	6	028050-243		42-2-17	Nut 5	1	021500-103	
42-1-10	Nut 5	6	021500-103		42-2-18	Screw 4.5 x 22	1	031452-203	
42-1-11	Spool Stand Base	6	150180-000	Z-42-1	42-2-19-1	Spool Holder 2	1	150178-001	Z-42-2-19
42-1-12	Spool Mat	6	150182-000	Cotton Stand	42-2-19-2	Thread Hanger	2		Thread Hanger
42-1-13	Spool Cushion	6	126863-000	Assembly 6THF	42-2-19-3	Thread Bushing	2	142990-001	Assembly 2
42-1-14	Spool Holder Supporter (A)	1	150188-001	156513-003	42-2-20-1	Spool Holder 3	1	150176-001	147055-003
42-1-15	Spool Holder Supporter (B)	1	150194-001		42-2-20-2	Thread Hanger	3		Z-42-2-20
42-1-16	Screw 5 x 10	2	007501-003		42-2-20-3	Thread Bushing	3	142990-001	Thread Hanger
42-1-17	Nut 5	2	021500-103		42-2-21	Bolt 5 x 28	2	017502-803	Assembly 3
42-1-18	Screw 4.5 x 22	2	031452-203		42-2-22-1	Thread Guide Holder	1	150185-001	147056-003
42-1-19-1	Spool Holder 3	2	150176-001	Z-42-1-19	42-2-22-2	Bolt 5 x 28	1	017502-803	Z-42-2-22
42-1-19-2	Thread Hanger	6		Thread Hanger	42-2-22-3	Nut 5	1	021500-103	Thread Guide
42-1-19-3	Thread Bushing	6	142990-001	Assembly 3	42-2-23-1	Thread Guide Stopper Bar	1	142996-001	Holder
42-1-20	Bolt 5 x 28	2	017502-803	147056-003	42-2-23-2	Screw 4.76	1	013719-412	Assembly
42-1-21	Washer 5	4	025050-233		42-2-24	Thread Guide 5	1	142999-001	150145-001
42-1-22-1	Thread Guide Holder	1	150185-001	Z-42-1-22	42-2-25	Washer 5	4	025050-233	Z-42-2-23
42-1-22-2	Bolt 5 x 28	1	017502-803	Thread Guide	48-1	Cushion	1	147919-001	Thread Guide
42-1-22-3	Nut 5	1	021500-103	Holder Assembly	48-2	Cushion	3	147919-002	Stopper Bar
42-1-23-1	Thread Guide Stopper Bar	1	142996-001	150145-001	64-1	Head Plate Supporter	1	153319-001	142971-001
42-1-23-2	Screw 4.76	1	013719-412	Z-42-1-23	64-2	Bolt	3	153318-001	
42-1-24	Thread Guide 5	1	142999-001	Thread Guide	64-3	Coller	3	153317-001	
42-1-25	Washer 5	4	025050-233	Stopper Bar	64-5	Bolt 8 x 55	1	211964-001	Z-64
42-2- 1-1	Cotton Stand Base	1	150189-001	142971-001	64-6	Bolt M8 x 55	1	017085-502	Full Submerged
42-2- 1-2	Screw 6 x 7	2	150181-101	Z-42-2-1	64-7	Washer 8	8	025080-236	Set
42-2- 2	Screw 4.5 x 22	3	031452-203	Cotton Stand	64-8	Spring Washer 2-8	5	028080-242	153316-001
				Base Assembly	64-9	Nut 8	5	021080-106	(Option Parts)
				150139-001					

* The details of included accessories are subject to change.

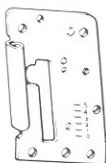
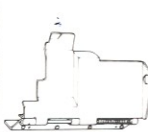
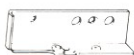
* Änderungen in der Aufstellung der mitgelieferten Zubehöre sind vorbehalten.

* Les détails des accessoires inclus sont sujets à des changements.

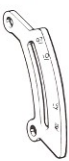
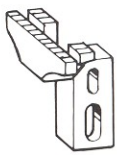
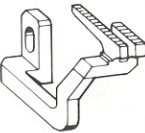
* Los detalles de los accesorios incluidos pueden variar.

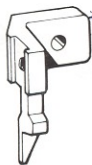
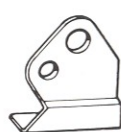
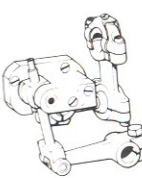
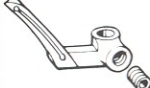
DIFFERENT PARTS LIST / ZUBEHÖRLISTE

LISTE DES PIECES ACCESSOIRES / LISTA DE PIEZAS ACCESORIAS

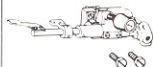
Ref. No.		A-16	A-28	A-32	A-75	A-76	A-79 · 82	A-83		
Sub Class	Specifications	Face Plate Assembly 	Front Cover Assembly 	Supporter for Front Cover Assembly 	Oil Cap 	Treading Diagram 	Label 	Label 		
061-2	Thin	146428-001	148997-001	146444-001		146463-001	146976-081	147943-001		
-3							146976-001			
-4							146976-002			
-5							146976-003			
062-3	Thin					146464-001	146976-004			
063-3	Thin medium				143196-001	146463-001	146976-007	147943-001		
-4							146976-008			
-5							146976-009			
064-3	Thin medium					146464-001	146976-010			
-4							146976-011			
-5							146976-012			
065-5	Thick					146463-001	146976-013	147943-001		
-6							146976-014			
066-5	Thick					146464-001	146976-016			
067-4	Ruffling	146430-001			148997-001	146444-001		146463-001	146976-019	147943-001
-5									146976-097	
069-5	Ruffling								146976-021	
071-5	Ruffling							146463-001	146976-088	147943-001
-6									146976-023	
073-4	Ruffling (W/Piping)							146976-025		
074-4	Ruffling (W/Piping)						146464-001	146976-026		
075-5	Ruffling (W/Piping)						146463-001	146976-027	147943-001	
076-5	Ruffling (W/Piping)						146464-001	146976-028		
077-6	Ruffling (W/Piping)						146463-001	146976-029	147943-001	
079-4	Taping	146976-032								
081-3	Taping	146976-037								
-4		146976-038								
-5		146976-039								
083-5	Taping	146976-043								
084-6	Taping	146464-001	146976-047							
085-3	Heavy	146428-001	148999-001	147367-001	146463-001	151488-012	147943-001			
-5						151488-018				
087-5	146976-080									
-6	146976-051									
089-5	Binding	146463-001			146976-069					
090-5	Binding	146464-001			146976-098					
092-5	Heavy	148997-001			146444-001	146463-001	146976-089	147943-001		
-6							146976-090			
-7							151488-019			
093-6	Heavy					146464-001	146976-092			
094-5	Thin medium					146463-001	151488-002	147943-001		
-7							151488-003			
095-5	Thin medium					156523-001	151488-015			

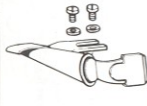
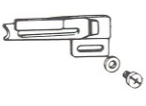
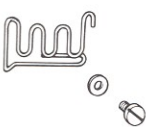
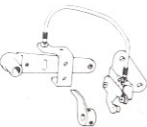
Ref. No.	C-21	C-22	C-38	C-39	C-40	D-12	E-10	E13								
Sub Class	Needle Clamp Assembly 	Needle DC x 1 DM x 13 	Needle Plate 	Chain Stitch Guide (F) 	Screw 2.28 	Felt Holder Assembly 	Presser Foot Lifter Level 	Level Adjuster Plate 								
061-2	146487-001	112297-011 140104-011	148280-001			146517-100	143323-103	146522-001								
-3			146498-001													
-4			146499-001													
-5			146500-001													
062-3			146498-001													
063-3	146489-001	112297-014 140104-014	146501-001						143323-103	146522-001						
			146502-001													
			146503-001													
064-3			146501-001													
			146502-001													
			146503-001													
065-5			146491-001								112297-016 140104-016	146504-001			143323-103	146522-001
	146505-001															
	066-5	146504-001														
067-4	146487-001	112297-014 140104-014	146507-001								N-6-8 148369-101	N-6-9 147454-001				
			148833-001													
069-5	146489-001		146508-001				143323-103	146522-001								
071-5	146491-001		148398-001													
-6			146509-001													
073-4	146487-001		146507-001										143323-103	146522-001		
074-4			146507-001													
075-5	146489-001		146508-001						143323-103	146522-001						
076-5			146508-001													
077-6	146491-001		146509-001													
079-4	146487-001	112297-011 140104-011	146499-001													
081-3	146489-001	112297-014 140104-014	146501-001													
			146502-001													
			146503-001													
083-5	146491-001	112297-016 140104-016	146504-001				143323-103	146522-001								
084-6			146505-001													
085-3	146489-001	112297-018 140104-018	159834-001	159757-001	100105-005						143323-103	146522-001				
-5			S00877-001													
087-5			159769-001													
-6			159770-001													
089-5	146489-001	112297-014 140104-014	147369-001						143323-103	146522-001						
090-5			147369-001													
092-5	146491-001	112297-018 140104-018	159769-001	159757-001	100105-005								143323-103	146522-001		
-6			159770-001													
-7			159771-001													
093-6			159770-001													
094-5	151467-001	112297-011 140104-011	151472-001				143323-103	146522-001								
-7			151473-001													
095-5	156500-001	112297-016 (Q'ty 2) 140104-016	156502-001								156505-000					

Ref. No.	E-35	E-37 / E-38	E-39	F-59	F-67	F-68	F-69	G-8
Sub Class	Presser Foot Assembly	Tape Guide Screw 318-40x4	Spring	Differential Stitch Control Plate	Main Feed Dog	Differential Feed Dog	Chain Feed Dog	Upper Knife
								
061-2	142250-001				146567-001	146572-001	146577-001	
-3								
-4								
-5								
062-3	146871-101			146561-001	146567-001	146572-001	146577-001	
063-3								
-4								
-5								
064-3	146874-101			146561-001	146567-001	146572-001	146577-001	
-4								
-5								
065-5								
-6								
066-5	146878-001			146562-001	146570-001	146575-001	146578-001	144074-001
067-4								
-5								
069-5								
071-5	147785-001			146562-001	146571-001	146576-001	146578-001	144074-001
-6								
073-4								
074-4								
075-5	147435-001			146562-001	147829-001	146575-001	146578-001	144074-001
076-5								
077-6								
079-4								
081-3	147437-001			146562-001	147831-001	146576-001	146578-001	144074-001
-4								
-5								
083-5								
084-6	148816-001	146883-001 062660-412		146561-001	146567-001	146572-001	146577-001	144074-001
085-3								
-5								
087-5								
-6	147950-101	146883-001 062660-412	149267-001	146561-001	146568-001	146573-001	146577-001	144074-001
089-5								
090-5								
092-5								
-6	148405-101	146883-001 062660-412	149267-001	146561-001	148980-001	148981-001 S00878-001	146577-001	144074-001
-7								
093-6								
094-5								
-7	148979-001	146883-001 062660-412	149267-001	146561-001	146569-001	146574-001	146577-001	144074-001
095-5								
096-5								
097-5								
098-5	148013-001	146883-001 062660-412	149267-001	146561-001	146567-001	146572-001	146577-001	144074-001
099-5								
100-5								
101-5								
102-5	151461-001	146883-001 062660-412	149267-001	146561-001	146569-001	146574-001	146577-001	144074-001
103-5								
104-5								
105-5								
106-5	151462-001	146883-001 062660-412	149267-001	146561-001	151469-001	151470-001	146577-001	144074-001
107-5								
108-5								
109-5								
110-5	156507-001	146883-001 062660-412	149267-001	146561-001	146568-001	146573-001	146577-001	144074-001
111-5								
112-5								
113-5								

Ref. No.	G-9	G-26	G-27	G-28	G-29	H-13	H-15	H-16	
Sub Class	Bolt 3.57 Screw357-40x10 	Upper Knife Holder 	Screw 4.37 	Upper Knife Presser 	Upper Knife Presser Plate 	Over Looper Assembly 	Over Looper 	Spreader 	
061-2	144075-001	144179-001	107407-003			146603-201	147934-001		
-3									
-4									
-5									
062-3								147935-001	
063-3								147934-001	
-4									
-5									
064-3								147935-001	
-4									
-5									
065-5								147934-001	
-6									
066-5								147935-001	
067-4									
-5									
069-5								147934-001	
071-5									
-6									
073-4									
074-4								147935-001	
075-5								147934-001	
076-5								147935-001	
077-6									
079-4									
081-3								147934-001	
-4									
-5									
083-5									
084-6								147935-001	
085-3									
-5									
087-5							146611-201	159686-001	
-6									
089-5							146603-201	147934-001	
090-5								147935-001	
092-5	062671-016	148345-001	102424-003	148343-001	148344-001	146611-201	159686-001		
-6									
-7									
093-6								147935-001	
094-5	144075-001	144179-001	107407-003				159686-001		
-7									
095-5						146603-201	147934-001		

Ref. No.	M-3	M-4	M-5	M-6	M-7	M-8	M-12-3	M-14
Sub Class	Thread Guide Supporter 	Thread Tension Control Stud 	Felt 	Tension Disc 	Tension Disc Washer 	Spring 	Thread Tension Adjusting Nut Assembly 	Needle Thread Guide Plate 
061-2	146649-001	110820-101 (Q'ty 4)	110832-001 (Q'ty 4)	145446-001 (Q'ty 8)	144103-002 (Q'ty 4)	144104-001 (Q'ty 2)	149568-003 (Q'ty 1)	110813-001 (Q'ty 3)
-3								
-4								
-5								
062-3								
063-3								
-4								
-5								
064-3								
-4								
-5								
065-5								
-6								
066-5								
067-4		110820-101 (Q'ty 2) N-6-10 159574-001 (Q'ty 2)						
-5								
069-5								
071-5								
-6								
073-4								
074-4								
075-5								
076-5								
077-6								
079-4								
081-3						110820-101 (Q'ty 4)		
-4								
-5								
083-5								
084-6								
085-3								
-5								
087-5								
-6								
089-5								
090-5								
092-5								
-6								
-7								
093-6								
094-5								
-7								
095-5	156509-001	110820-101 (Q'ty 5)	110832-001 (Q'ty 5)	145446-001 (Q'ty 10)	144103-002 (Q'ty 5)	144104-001 (Q'ty 3)	146568-003 (Q'ty 2)	110813-001 (Q'ty 4)

Ref. No.	M-15	M-21	M-67	N-2-1/N-2-2	N-2-3/N-2-4	N-2-5/N-2-6	N-3	N-5-1/N-5-2
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147454-001	N- 6- 9			J- 1- 2			Z-42- 2- 4-1		156502-001	C-38-23	
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147523-001	L- 3- 4		148430-101	Z-36			Z-42- 2-20-1		156511-001	M-67- 2	
147527-001	L- 3- 8		148431-101	Z-56- 1		150178-001	Z-42- 2- 6		156513-003	Z-42- 1	
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147691-000	K- 1- 6		148782-001	J-15			Z-42- 2- 9		159475-001	F-20	
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147759-001	E- 4		148851-001	M- 8- 2			Z-42- 2-13		159757-001	C-39	
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148034-001	H-19			E-35-13- 6		151465-001	E-35- 3- 5				
148084-001	A-54			E-35-17- 6		151466-001	E-35- 2- 6				
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148344-001	G-29			M-12- 4- 1			D-12- 2- 3				
148345-001	G-26- 2			N- 2- 1-11		151488-002	A-82				
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148389-001	N- 6- 2- 3			Z-42- 2- 4		153316-001	Z-64				
148390-001	N- 6- 2- 4		150139-001	Z-42- 1- 1		153317-001	Z-64- 3				
148391-001	N- 6- 4			Z-42- 2- 1		153318-001	Z-64- 2				
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