

BUTTON FEEDER

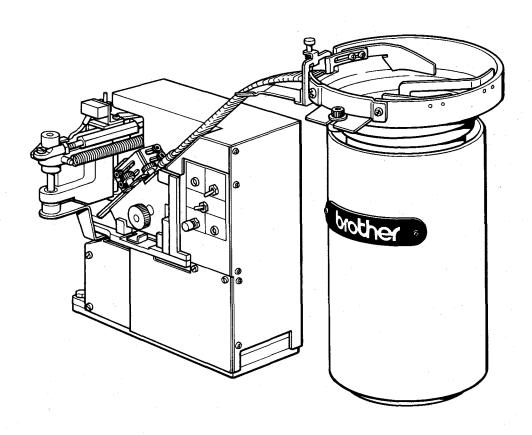
KNOPFZUFÜHRUNG

ALIMENTATION POUR BOUTONS

BOTÓN DE ALIMENTACIÓN

BA-15

PARTS BOOK
TEILEKATALOG
LIVRE DES PIECES
LIBRO DE REFERENCIA DE PIEZAS



Notes for using this parts book

- 1. 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 number.
- 2. This book was prepared based on information available in May 1988.
- 3. Parts are subject to changes in design without prior notice.

Anmerkungen zum Gebrauch dieses Stücklistebuches

- 1. 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.
- 2. Dieses Buch basiert auf den Informationen vom Mai 1988.
- 3. Modelländerungen sind vorbehalten.

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Notes sur l'utilisation de ce manuel de pièces détachées

- 1. Le symbole ______ dans la colonne "N° de pièce" signifie que la pièce ne peut être fournie. Si, dans la colonne "N° jeu de pces", il y a un numéro de nomenclature, la pièce peut être commandée comme faisant partie d'un jeu pièces. Donc, pour toute commande, veuillez spécifier le n° du jeu de pièces.
- 2. Ce manuel a été fait d'après les renseignements valables au mois de Mai 1988.
- 3. Les pièces peuvent être sujettes à des modifications sans préavis.

Notas para usar este Libro de Piezas

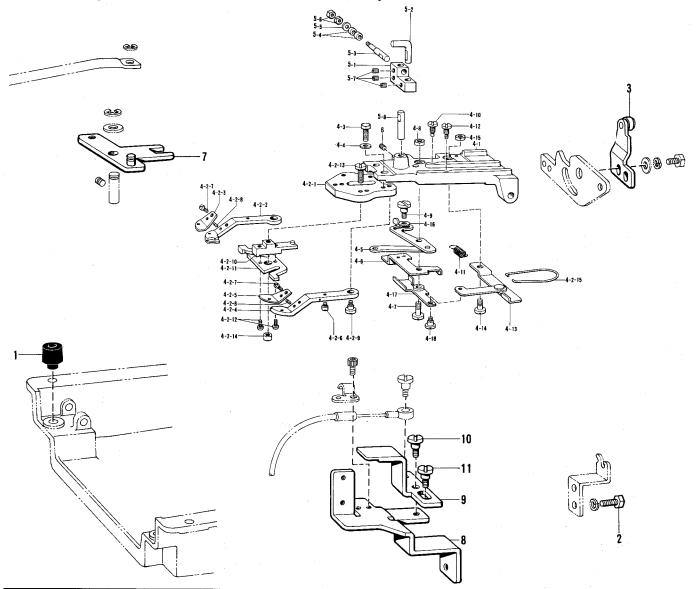
- 1. El símbolo ______, que se encuentra en la columna del "Número de Pieza", quiere decir que no se dispone de dicha pieza sola. Cuando, empero, hay un número en la columna del "Número de Juego", se podrá ordenar la pieza con todo el juego. Por lo tanto, será mejor hacer el pedido recurriendo al número del juego respectivo.
- 2. Este libro ha sido compilado basándose en los datos de que se disponía en marzo 1988.
- 3. Las piezas quedan sujetas a cambios de diseño sin aviso previo.

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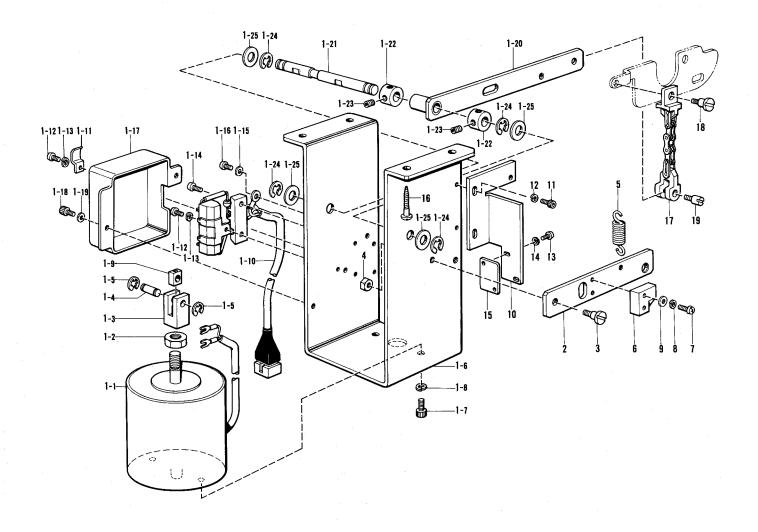
A. Machine head parts / Teile des Maschinenoberteils Pièces supérieures de la machine / Piezas de la cabeza de la máquina



Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1	Cushion	2	S07979-001	4-8	Nut 6.35	1	150556-001
2	Bolt 4.76×14	2	017711-412	4-9	Stud Screw 4.37	1	115166-001
3	Starting Safety Lever Assembly	1	S12694-001	4-10	Screw	1	S03606-001
4	Button Clamp Holder Assembly	1	S07080-001	4-11	Spring	1	S03607-001
4-1	Button Clamp Holder	1	S07081-001	4-12	Spring Hook	1	S03608-001
4-2	Button Clamp Assembly 448	1	S10779-001	4-13	Opener Lever Assembly	1	S07098-001
4-2-1	Button Clamp Bracket	1	S03464-101	4-14	Screw 6.35	1	S07117-001
4-2-2	Button Clamp (L)	1	S05679-101	4-15	Nut 6.35	1	150556-001
4-2-3	Button Clamp (L) Plate Spring	1	S05680-101	4-16	Washer 4.37	1	025680-232
4-2-4	Button Clamp (R)	1	S05678-101	4-17	Button Opener Support Lever	1	S06992-001
4-2-5	Button Clamp (R) Plate Spring	1	S05681-101	4-18	Stud Screw 6.35	1	149127-001
4-2-6	Screw	2	115156-001	5	Presser Lift Holder Assembly	1	S07107-001
4-2-7	Screw 4.37×5	2	062680-512	5-1	Presser Lift Holder	1.	S06995-001
4-2-8	Spring Pin AW 2.5	2	047250-642	5-2	Presser Lifter Hook (A)	1	S06998-001
4-2-9	Stud Screw 4.76	2	115158-001	5-3	Button Holder Hook	1	S06996-001
4-2-10	Button Clamp (M) Assembly (B)	1	S05687-001	5-4	Roller	2	107744-001
4-2-11	Button Clamp Plate	1	S05905-001	5-5	Washer 4.76	1	153484-001
4-2-12	Screw 4.37×8	2	062680-812	5-6	Nut 4.37	2	105234-003
4-2-13	Screw 4.37	1	S03468-001	5-7	Screw 5.95	3	014760-622
4-2-14	Nut 4.37	1	S03657-001	5-8	Holder Supporter Shaft	1	S06997-001
4-2-15	Button Clamp Spring	1	S03610-001	6	Screw 5.95	1	014760-622
4-3	Bolt 4.76×14	2	017711-412	7	Tension Release Lever Assembly	1	155571-001
4-4	Washer	2	146354-001	8	Lever Bracket	1	S07093-001
4-5	Size Adjusting Plate Assembly	1	S03600-001	9	Thread Presser Crank Lever	1	S07092-001
4-6	Button Opener Support	1	S07079-001	10	Stud Screw 4.37	1	144526-001
4-7	Screw 6.35	1	S06994-001	11	Stud Screw 4.37	2	148417-001

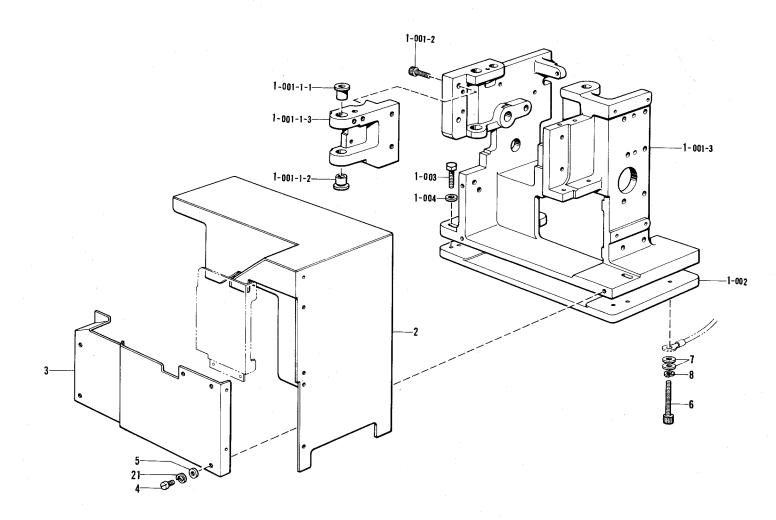
- ★ Replace LK3-B438 parts with those noted above.
- ★ Die Teile LK3-B438 durch die obenstehenden Teile ersetzen.
- ★ Remplacer les pièces LK3-B438 avec celles notées ci-dessus.
- ★ Cambiar las piezas de LK3-B438 con las que se mencionaron anteriormente.

B. Starting device mechanism / Startvorrichtung Mécanisme de dispositif de démarrage / Mecanismo del dispositivo de arranque



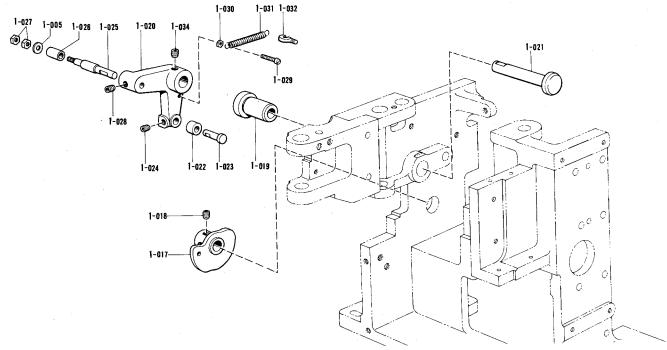
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1	Starting Device Assembly	1	S07108-001	1-22	Set Collar	2	S05392-001
1-1	Starting Solenoid	1	S10549-000	1-23	Screw 6×6	4	014060-632
1-2	Nut 8	1	021080-302	1-24	Stop Ring E8	4	048080-342
1-3	Planger Connector	1	S09636-001	1-25	Washer 10	4	025100-132
1-4	Pin	1	S09637-001	2	Foot Switch Lever	1	S05881-001
1-5	Stop Ring E4	2	048040-342	3	Stud Screw 6.35	2	158998-001
1-6	Solenoid Bracket	1	S07055-001	4	Nut 6.35	2.	150554-002
1-7	Bolt 6×12	2	018061-222	5	Foot Switch Lever Spring	1	S05882-001
1-8	Spring Washer 2-6	2	028060-243	6	Switch Dock	1	S05884-000
1-9	Needle Bar Guide Slide Block	1	102630-001	7	Screw 4×14	2	002401-402
1-10	Terminal Block Assembly	1	S11073-000	8	Spring Washer 2-4	2	028040-242
1-11	Cord Holder L	1	142268-001	9	Washer 4	2	025040-232
1-12	Screw 3×8	2	002300-603	10	Switch Setting Plate	1	S07138-00
1-13	Spring Washer 2-3	2	028030-242	11	Bolt 4×8	2	018400-832
1-14	Screw 3×10	2	002301-003	12	Spring Washer 2-4	2	028040-242
1-15	Washer	1	S02745-001	13	Screw 3×16	2	002301-603
1-16	Screw 4×6	1	002400-663	14	Spring Washer 2-3	2	028030-243
1-17	Terminal Block Cover	1	S02592-001	15	Setting Plate	1	S05973-001
1-18	Bolt 4×8	2	018400-832	16	Screw 6.2×32	4	101125-000
1-19	Washer 4	2	025040-232	17	5P Chain Assembly	1	S07172-00
1-20	Starting Lever	1	S07099-001	18	Stud Screw 5.85	1	159394-001
1-21	Starting Lever Shaft	1	S07122-001	19	Supporter Shaft	1	115544-001

\boldsymbol{C} . Button feeder mechanism (1) / Knopfzuführungvorrichtung (1) Alimentation pour boutons (1) / Botón de alimentación (1)

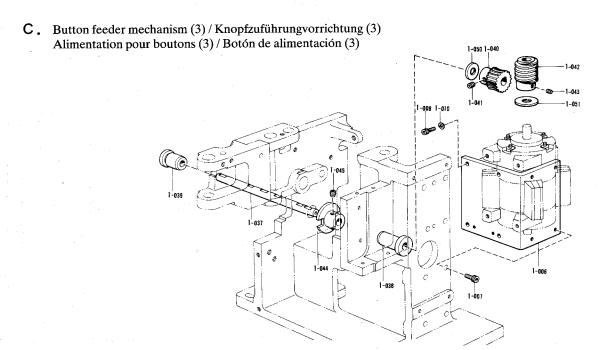


Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1	Button Feeder Machine Body Assembly	1	S07102-001	1-004	Washer 6	3	025060-232
1-001	Feeder Machine Body Assembly	. 1	S07067-001	2	Machine Body Cover Assembly	1	S07060-001
1-001-1	Button Carry Supporting Bracket (L) Assembly	1	S07065-001	3	Front Cover	1	S10504-001
1-001-1-1	Bushing (U)	1	S05378-000	. 4	Screw 4×8	12	062400-806
1-001-1-2	Bushing (D)	1	S05379-000	5	Washer 4	11	025040-232
1-001-1-3	Button Carry Supporting Bracket (L)	1	S07062-001	6	Bolt 6×50	3	018065-022
1-001-2	Bolt 6×20	3	018062-022	7	Washer	6	115947-001
1-001-3	Button Feeder Machine Body	1	S07064-001	8	Spring Washer 2-6	3	028060-242
1-002	Button Feeder Base	1	S07061-001	21	Spring Washer 2-4	12	028040-243
1-003	Bolt 6×20	3	017062-003				

C. Button feeder mechanism (2) / Knopfzuführungvorrichtung (2) Alimentation pour boutons (2) / Botón de alimentación (2)

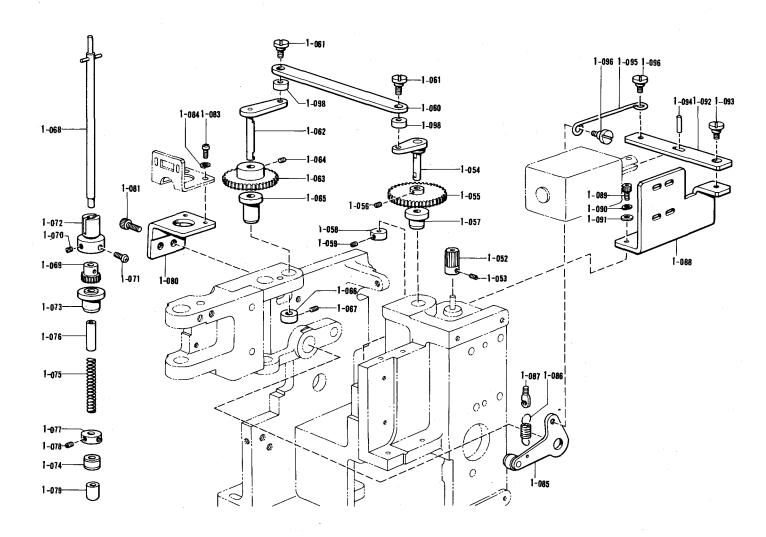


Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-005	Washer 4.76	1	153484-001	1-025	Presser Lifting Roller Arm Shaft	1	S07072-001
1-017	Presser Lifting Cam	1	S05384-001	1-026	Presser Lifting Roller	1	S07071-001
1-018	Screw 6×6	2	014060-632	1-027	Nut 4.37	2	105234-003
1-019	Crank Shaft Bearing	1	S05385-000	1-028	Screw 6×6	· 1	014060-622
1-020	Presser Lifting Crank	1	S07073-001	1-029	Screw 3×12	1	007301-212
1-021	Presser Lifting Crank Shaft	1	S05387-001	1-030	Nut 3	1	021300-103
1-022	Cam Supporter	1	S05371-001	1-031	Spring	1	S05391-001
1-023	Shaft	1	S05388-001	1-032	Spring Hook	1	141334-001
1-024	Screw 5	1	014500-522	1-034	Screw 6×6	2	014060-632



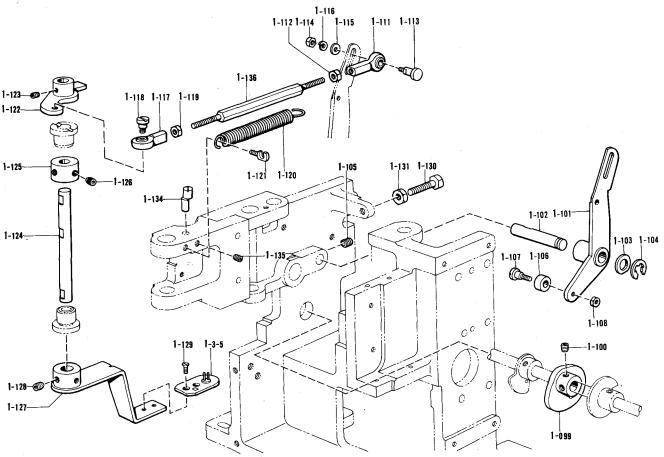
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-006	Motor Setting Plate	1	S07110-001	1-041	Screw 6×6	2	014060-63
1-007	Bolt 4×10	4	018401-022	1-042	Worm	1	S05332-00
1-008	Bolt 4×10	4	018401-022	1-043	Screw 5	2	014500-52
1-010	Spring Washar 2-4	4	028040-242	1-044	Cam Shaft Switch Dock	1	S05333-00
1-037	Cam Shaft	1	S07070-001	1-045	Screw 6×6	2	014060-63
1-038	Cam Shaft Bushing (F)	1	S05329-000	1-050	Washer	1	506024-01
1-039	Cam Shaft Bushing (R)	1	S05330-000	1-051	Washer	1	S06029-0
1-040	Worm Wheel	1	S05331-000				

C. Button feeder mechanism (4) / Knopfzuführungvorrichtung (4) Alimentation pour boutons (4) / Botón de alimentación (4)



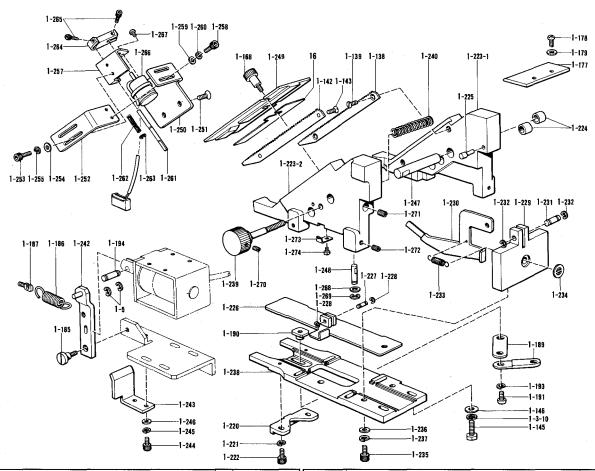
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Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-052	Button Alignment Motor Gear	1	S05334-000	1-075	Button Alignment Press Spring	1	S10704-001
1-053	Screw 3×4	2	014300-432	1-076	Spring Guide Collar	1	S10708-001
1-054	Gear Shaft (A)	1	S05335-001	1-077	Button Alignment Shaft Dock	1	S10707-001
1-055	Button Alignment Gear	1	S05337-000	1-078	Screw 4×5	2	014400-522
1-056	Screw 3×4	2	014300-432	1-079	Button Presser (C)	1	S06570-000
1-057	Gear Shaft (A) Bushing	1	S05338-000	1-080	Guide	1	S07074-001
1-058	Collar (A)	1	S05339-001	1-081	Bolt 4×10	2	018401-022
1-059	Screw 3×4	2	014300-432	1-083	Screw 3×8	2	002300-803
1-060	Button Alignment Connection Lever	1	S05340-001	1-084	Spring Washer 2-3	2	028030-242
1-061	Stud Screw M4	2	S05341-001	1-085	Presser Bar Clank Assembly	1	S05359-001
1-062	Gear Shaft (B)	1	S05342-001	1-086	Spring -	1	S05363-001
1-063	Shaft Gear (A)	1	S05343-000	1-087	Spring Hook	1	141334-001
1-064	Screw 5	2	014500-522	1-088	Solenoid Setting Plate	1	S05364-001
1-065	Gear Shaft (B) Bushing	1	S05344-000	1-089	Bolt 4×10	3	018401-022
1-066	Collar (B)	1	S05345-001	1-090	Spring Washer 2-4	3	028040-242
1-067	Screw 5	2	014500-522	1-091	Washer 4	3	025040-232
1-068	Shaft Assembly	1	S10701-001	1-092	Solenoid Arm	1	S05365-001
1-069	Shaft Gear (B)	1	S10703-000	1-093	Stud Screw M4	1	S05341-001
1-070	Screw 3×4	1	014300-432	1-094	Plunger Pin	1	148546-001
1-071	Screw 3×5	1	002300-502	1-095	Wire	1	S05367-001
1-072	Button Alignment Shaft Guide	1	S10709-001	1-096	Stud Screw M4	2	S05341-001
1-073	Button Alignment Shaft Bushing (A)	1	S10705-000	1-098	Roller	2	S05972-000
1-074	Button Alignment Shaft Bushing (B)	1	S10706-000				

C. Button feeder mechanism (5) / Knopfzuführungvorrichtung (5) Alimentation pour boutons (5) / Botón de alimentación (5)



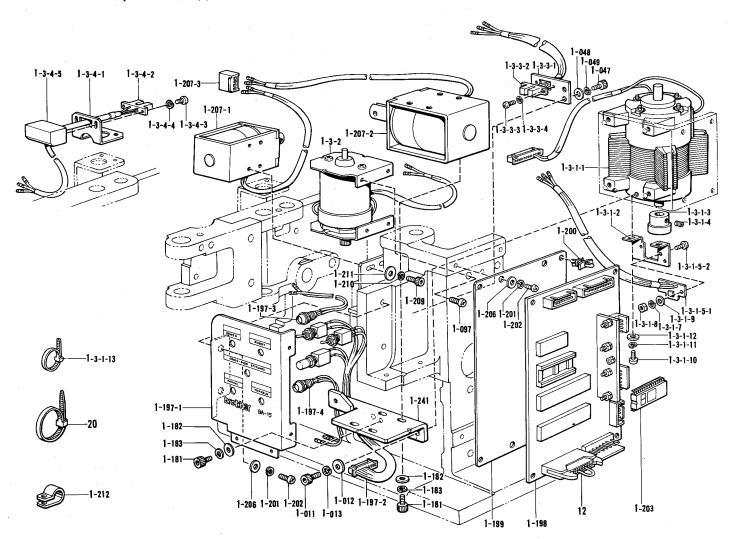
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-099	Button Carry Cam	1	S05368-101	1-119	Nut 5.95	1	148592-001
1-100	Screw 6×6	2	014060-632	1-120	Cam Supporting (B) Spring(A)	1	S05375-001
1-101	Cam Supporting (B) Arm	1	S05369-001	1-121	Spring Hook	1	141334-001
1-102	Arm (B) Fulcrum Pin	1	S05370-001	1-122	Button Movement Arm (B)	1	S05376-001
1-103	Washer	1	110367-001	1-123	Screw 6×6	2	014060-632
1-104	Stop Ring E6	1	048060-342	1-124	Button Transport Shaft	1	S07128-001
1-105	Screw 6×6	1	014060-632	1-125	Set Collar	1	S07129-001
1-106	Cam Supporting	1	S05371-001	1-126	Screw 6×6	2	014060-622
1-107	Stud Screw M4	1	S05341-001	1-127	Button Movement Arm (A)	1	S07075-001
1-108	Nut 4	1	021400-202	1-128	Screw 6×6	2	014060-632
1-111	Ball Bearing Assembly (R)	1	148587-001	1-129	Screw 3.57×4	2	S06044-001
1-112	Nut 5.95	1	100022-005	1-130	Bolt 6×25	1	S12415-001
1-113	Stud Screw	1	S05373-001	1-131	Nut 6	1	021060-106
1-114	Nut 4	1	021400-202	1-134	Pin	1	S06119-001
1-115	Washer 4	1	025040-232	1-135	Screw 5.95	1	014760-622
1-116	Spring Washer 2-4	1	028040-242	1-136	Connection Shaft	1	S07076-001
1-117	Joint Assembly (L)	1	148589-001	1-3-5	Button Catch Plate Assembly (3.2mm)	1	S06686-004
1-118	Stud Screw	1	S05336-001				

C. Button feeder mechanism (6) / Knopfzuführungvorrichtung (6) Alimentation pour boutons (6) / Botón de alimentación (6)



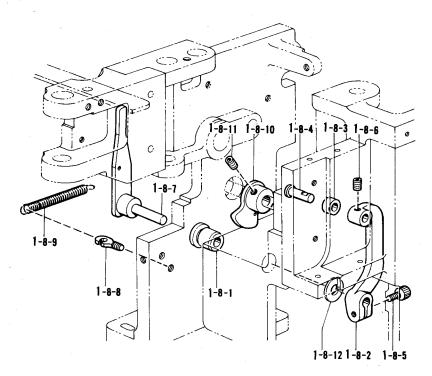
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-138	Button Slide Plate (A)	1	S05394-001	1-239	Slide Base Screw Assembly	1	S09590-001
1-139	Screw 3.57×6	2	S01696-001	1-240	Slide Base Spring	1	S09574-001
1-142	Button Slide Plate (B)	1	S05397-001	1-242	Catch Plate Mobile Lever	1	S09581-001
1-143	Screw 3.57 × 6	2	S01696-001	1-243	Mobile Lever Patch	1	S09579-001
1-145	Bolt 5×16	2	017501-602	1-244	Bolt 4×8	2	018400-822
1-146	Washer 5	2	025050-232	1-245	Spring Washer 2-4	2	028040-242
1-168	Screw 3.57	1	S10512-001	1-246	Washer 4	2	025040-232
1-177	Slide Base Upper Plate	1	S05421-001	1-247	Slide Base Guide Shaft	2	S09577-001
1-178	Screw 3×8	2	002300-803	1-248	Slide Base Guide Shaft	4	S09576-001
1-179	Washer 3	2	025030-233	1-249	Button Upper Cover (A)	1	S09601-100
1-185	Stud Screw M4	1	S05424-001	1-250	Solenoid Base	1	S09584-001
1-186	Shutter Spring	1	S09609-001	1-251	Screw 5×8	2	061500-804
1-187	Spring Hook	1	141334-001	1-252	Solenoid Fixing Plate	1	S09585-001
1-189	Slide Base Link	2	S05888-001	1-253	Bolt 4×8	2	018400-822
1-190	Link Fulcrum	1	S05889-001	1-254	Washer 4	2	025040-232
1-191	Screw M 4×6	1	062400-616	1-255	Spring Washer 2-4	2	028040-242
1-193	Spring Washer 2-4	1	028040-242	1-257	Stopper Shaft Supporting Plate	1	S09586-001
1-194	Planger Pin	1	S06671-001	1-258	Bolt 4×8	2	018400-822
1-220	Button Catch Base Stopper	1	S09600-001	1-259	Washer 4	2	025040-232
1-221	Spring Washer 2-4	2	028040-242	1-260	Spring Washer 2-4	2	028040-242
1-222	Bolt 4×10	2	018401-022	1-261	Stopper Shaft	1	S09575-001
1-223	Slide Base Assembly	1	S09596-001	1-262	Stopper Spring	1	S09573-001
1-223-1	Button Slide Base (A)	1	S09597-001	1-263	Stop Ring E2.5	1	048025-342
1-223-2	Button Slide Base (B)	1	S09598-001	1-264	Stopper Shaft Support	1	S09572-001
1-224	Slide Bush	4	S09599-000	1-265	Bolt 3×8	2	018300-822
1-225	Slide Base Stopper	2	S09591-000	1-266	Stopper Solenoid	1	S09611-000
1-226	Button Catho Plate Assembly	1	S09582-001	1-267	Screw 26 X 4	2	062260-406
1-227	Stopper Driving Shaft	1	S09578-001	1-268	Washer 5	4	025050-232
1-228	Stop Ring E2	2	048020-342	1-269	Stop Ring E3	4	048030-342
1-229	Stopper Support	1	S09592-001	1-270	Screw 5	1	014500-522
1-230	Stopper (A)	1	S09593-001	1-271	Screw 6×6	2	014060-622
1-231	Stopper (A) Supporting Shaft	1	S09587-001	1-272	Screw 4×5	4	014400-522
1-232	Stop Ring E3	2	048030-342	1-273	Spring Plate	1	S09613-001
1-233	Slider Spring	1	S07091-001	1-274	Screw 3.57×5	1	062670-512
1-234	Tension Releasing Disc	1	152877-001	1-3-10	Spring Washer M5	1	028050-242
1-235	Bolt 5×16	2	018051-622	1-5	Stop Ring E2	2	048020-342
1-236	Washer 5	2	025050-232	1.0	Spacer (0.4mm) (for Supply)	1	S09604-000
1-237	Spring Washer 2-5	2	028050-242	16	Spacer (0.8mm) (for Supply)	1	S09605-000
1-238	Slide Base Lower Base	1	S09594-001				

C. Button feeder mechanism (7) / Knopfzuführungvorrichtung (7) Alimentation pour boutons (7) / Botón de alimentación (7)



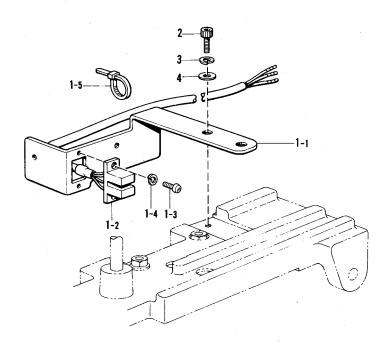
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-011	Bolt 5×12	2	018501-222	1-3	B Motor Assembly	1	S07137-001
1-012	Washer 5	2	025050-232	1-3-1	Carry Motor Assembly	1	S07136-001
1-013	Spring Washer 2-5	2	028050-242	1-3-1-1	Carry Motor	1	
1-047	Bolt 4×10	2	018401-022	1-3-1-2	Board Support	1	-
1-048	Washer 4	2	025040-232	1-3-1-3	Magnet Assembly (B)	1	
1-049	Washer 2-4	2	028040-242	1-3-1-4	Screw 3×5	2	014300-522
1-097	Screw 3.5×8	4	002350-806	1-3-1-5	Ratational Senssor Assembly	1	S05729-00
1-181	Bolt 4×10	6	018401-022	1-3-1-5-1	Ratational Sensor #2	1	
1-182	Washer 4	6	025040-232	1-3-1-5-2	Screw 3×6	2	002300-603
1-183	Spring Washer 2-4	6	028040-242	1-3-1-7	Spring Washer 2-3	2	028030-24
1-197	B Panel Assembly	1.	S07056-001	1-3-1-8	Nut 3	2	021300-10
1-197-1	B Panel	1		1-3-1-9	Washer 3	2	025030-23
1-197-2	B Panel Switch	1		1-3-1-10	Screw 3×8	2	002300-80
1-197-3	Power Supply (PL)	1		1-3-1-11	Spring Washer 2-3	2	028030-24
1-197-4	Trouble (PL)	1		1-3-1-12	Washer 3	2	025030-23
1-198	Printed Circuit Board	1	S05323-000	1-3-1-13	Band PLT1M	1	S04557-00
1-199	Board Setting Plate	1	S05324-001	1-3-2	Button Setting Motor Assembly	1	S05730-00
1-200	Support 6NS	4	S00554-000	1-3-3	Zero-Position Switch Assembly	1	S05731-00
1-201	Spring Washer 2-4	6	028040-243	1-3-3-1	Sensor Setting Plate	1	
1-202	Screw 4×8	6	062400-806	1-3-3-2	Sensor (A)	1	
1-203	PROM \$15A Assembly	1	S12416-000	1-3-3-3	Screw 3×8	2	002300-80
1-206	Washer 4	6	025040-233	1-3-3-4	Spring Washer 2-3	2	028030-24
1-207	B Solenoid Assembly	1	S05738-001	1-3-4	Button Setting Switch Assembly	1	S05734-00
1-207-1	Button Setting Solenoid	1.		1-3-4-1	Sensor Setting Plate	1	
1-207-2	Shutter Solenoid Assembly	1		1-3-4-2	Sensor (B)	1	1
1-207-3	Connecter VHR-4N	1.		1-3-4-3	Screw 3×10	. 2	002301-00
1-209	Bolt 4×8	4	018400-832	1-3-4-4	Spring Washer 2-3	2	028030-24
1-210	Spring Washer2-4	4	028040-242	1-3-4-5	Sensor Cover	1.1	
1-211	Washer 4	4	025040-232	12	Connector \$17 Assembly	1	S05326-00
1-212	Cord Holder	. 2	149073-001	20	Band PLT1M	2	S04557-01
1-241	Solenoid Base	1	S07069-001				

$\label{eq:C.Button feeder mechanism (8) / Knopfzuführungvorrichtung (8)} A limentation pour boutons (8) / Botón de alimentación (8)$



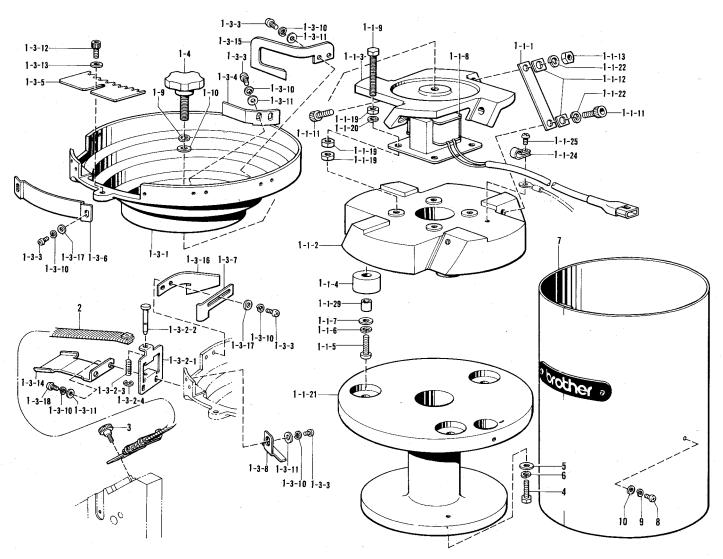
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1	Button Detector Sensor Assembly	1	S07105-001	1-5	Band PLT1M	1	
1-1	Sensor Setting Plate	1		2	Bolt 4×8	2	018400-832
1-2	Sensor (G)	1		3	Spring Washer 2-4	2	028040-242
1-3	Screw 3×8	2	002300-803	4	Washer 4	2	025040-232
1-4	Spring Washer 2-3	2	028030-243				

D. Button detector mechanism / Knopfdetektor Détecteur de bouton / Detector de botones



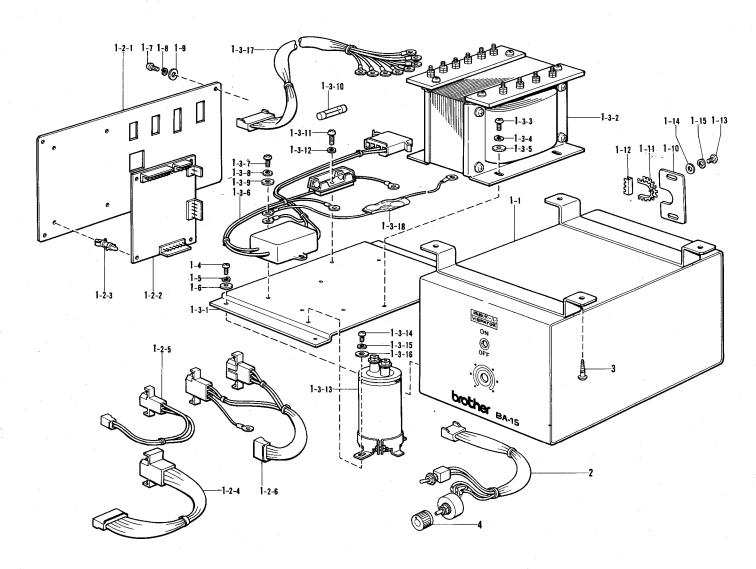
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-8-1	Button Opener Cam Shaft Bearing	1	S07051-000	1-8-7	Button Opener Lever	1	S07053-001
1-8-2	Button Opener Cam Lever	1	S07052-001	1-8-8	Spring Hook	1	141334-001
1-8-3	Cam Supporting	1	S05371-001	1-8-9	Spring	1	S05391-001
1-8-4	Shaft	1	S05388-001	1-8-10	Button Opener Cam	1	S07054-001
1-8-5	Bolt 5×12	1	018501-222	1-8-11	Screw 6×6	2	014060-622
1-8-6	Screw 5	1	014500-522	1-8-12	Washer	1	S07127-001

E. Button sortor mechanism / Knopfsortierer Tricur de bouton / Clasificador de botones



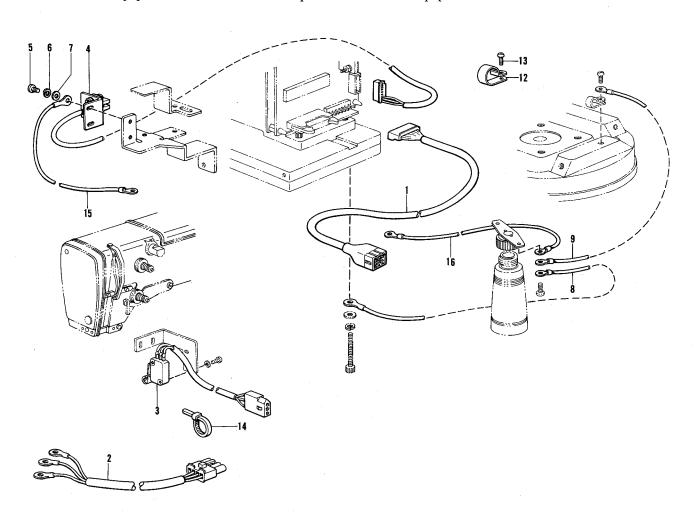
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'tv	Parts No.
Rei.No.							
1	Vibrating Generate Assembly (50HZ)	1	S05426-101	1-3-2-3	Spring	1	S05431-001
	Vibrating Generate Assembly (60HZ)	1	S05426-102	1-3-2-4	Stop Ring E2.5	1	048025-342
.1-1	Vibrating Assembly (50HZ)	1	S05427-101	1-3-3	Screw 4×8	9	062400-806
	Vibrating Assembly (68HZ)	1	S05427-102	1-3-4	Alignment Plate (A)	1	S07163-001
1-1-1	Spring Plate 0.8 (50HZ)	4	S06033-001	1-3-5	Sorting Plate	1	S05433-000
	Spring Plate 1.0 (60HZ)	4	S06034-001	1-3-6	Sorting Cover	1	S05435-001
1-1-2	Vibrating Base Lower	1	S08480-001	1-3-7	Button With Control Plate	1	S07166-001
1-1-3	Vibrating Base Upper	1	S05912-101	1-3-8	Hingth Control Plate	1	S07165-001
1-1-4	Cushion Rubber	3	S05910-000	1-3-10	Spring Washer 2-4	11	028040-243
1-1-5	Screw 5×25	3	002502-505	1-3-11	Washer 4	7	025040-233
1-1-6	Spring Washer 2-5	3	028050-242	1-3-12	Bolt 5×14	1	018501-422
1-1-7	Washer 5	3	025050-232	1-3-13	Washer 5	1	025050-232
1-1-8	Vibrating Solenoid	1	S05914-101	1-3-14	Shooter Coil Supporter	3	S06022-001
1-1-9	Bolt	4	S08479-001	1-3-15	Alignment Plate (B)	1	S07164-001
1-1-11	Bolt 8×25	8	018082-522	1-3-16	Alignment Plate (C)	1	S07167-001
1-1-12	Washer	8	S05917-001	1-3-17	Washer 4	4	025040-332
1-1-13	Nut 8	4	021080-102	1-3-18	Screw 4X10	2	062401-006
1-1-19	Nut 6	12	021060-202	1-4	Screw	1	S05438-100
1-1-20	Spring Washer 2-6	8 1	028060-242	1-9	Spring Washer 2-8	1	028080-242
1-1-21	Base	1	S05907-101	1-10	Washer 8	1	025080-336
1-1-22	Spring Washer 2-8	8	028080-242	2	Shoot Coil Assembly (2.7×15)	1	S07042-001
1-1-24	Cord Holder	1	149547-000	3	Screw 3.57	1	S06441-001
1-1-25	Screw 4×8	1	062400-806	4	Bolt 6×63	2	144543-001
1-1-29	Cushion Collar	3	S06613-001	5	Washer	2	115947-001
1-3	Vibrating Ball Assembly	1	S06027-101	6	Spring Washer 2-6	2	028060-242
1-3-1	Vibrating Ball	1	·	7	Botton Sortor Cover Assembly	1	
1-3-2	Connector Assembly	1	S05428-001	8	Bolt 5×10	3	018501-022
1-3-2-1	Connector	.1	S05429-001	9	Spring Washer 2-5	3	028050-242
1-3-2-2	Shooter Stop Pin	1	S05430-001	10	Washer 5	3	025050-232

F. Control box mechanism / Schaltkasten Mécanisme du boîtier de contrôle / Mecanismo del caja de controles



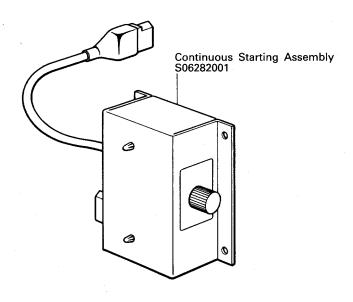
		, - ,	-				
Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	P
1	Box Assembly	1	S07058-001	1-3-13	Condenser C50B103	1	\vdash
1-1	Control Box Assembly	1		1-3-14	Screw 3×8	2 .	00
1-2	Box Cover Assembly	1		1-3-15	Spring Washer 2-3	2	028
1-2-1	Control Box Cover	1		1-3-16	Washer 3	2	02
1-2-2	Printed Circuit Board	1	S05475-000	1-3-17	Trans Cable Assembly	1	_
1-2-3	Support 6NS	4		1-3-18	Noise C Assembly	1	Si
1-2-4	Cable (A) Assembly	1		1-4	Screw 4×8	4	062
1-2-5	Cable (B) Assembly	1		1-5	Spring Washer 2-4	4	028
1-2-6	Cable (E) Assembly	1		1-6	Washer 4	4	025
1-3	Mount Plate Assembly	1	_ ·	1-7	Screw 4×8	4	062
1-3-1	Mount Plate	1		1~8	Spring Washer 2-4	4	028
1-3-2	Trans (B)	1	-	1-9	Washer 4	4	025
1-3-3	Screw 4×8	4	062400-806	1-10	Box Cover (B)	4	_
1-3-4	Spring Washer 2-4	4	028040-243	1-11	Bush	1	_
1-3-5	Washer 4	4	025040-233	1-12	Bush	1	_
1-3-6	Noise Filter Assembly	1		1-13	Screw 4×8	2	062
1-3-7	Screw 3×8	2	002300-803	1-14	Washer 4	2	025
1-3-8	Spring Washer 2-3	2	028030-243	1-15	Spring Washer 2-4	2	028
1-3-9	Washer 3	2	025030-232	2	Cable (D) Assembly	1	SO
1-3-10	Fuse 3A	1	215769-001	3	Screw 4.5×25	4	032
1-3-11	Screw 4×14	1	002401-403	4	Thumb	1	SO
1-3-12	Spring Washer 2-4	1	028040-243			T	

G. Power supply equipment mechanism / Stromversorgung Mécanisme de léquipement en alimentation électrique / Mecanismo de la equipo de alimentación de corriente

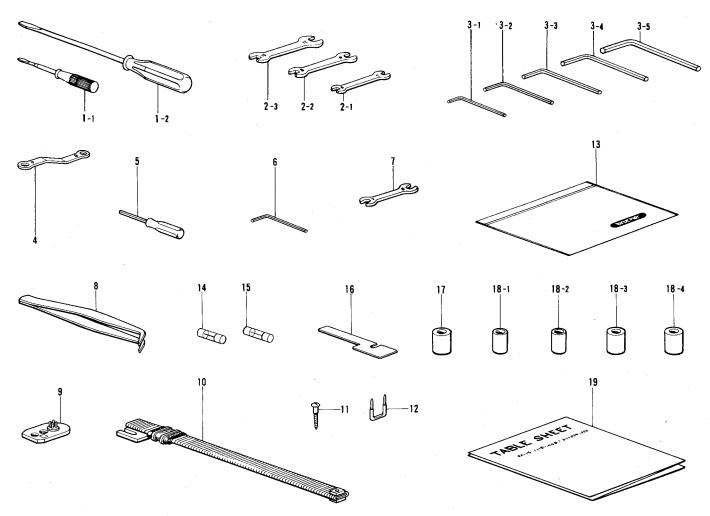


Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1	B Connection Cable Assembly	1	S05485-000	6	Cord (E)	1	S07984-000
2	Power Supply Cord Assembly	1	S06252-000	9	Cord (F)	1	S07985-000
3	Start Switch Assembly	1	S05488-000	10	Screw 4.5×25	2	032452-502
4	Sewing Machine Switch Assembly	1	S07104-001	14	Band PLTIM	6	S04557-000
5	Screw 3×8	2	002300-803	15	Cord (G)	1	S07986-000
6	Spring Washer 2-3	2	028030-243	16	Cord (H)	1	S10699-000
7	Washer 3	2	025030-233				

OPTION PARTS / SONDERZUBEHÖR RIEZAS OPCION / PIECES EN OPTION



Z. Accessories / Zubehör Accessoires / Accesorios



Ref.No.	Name of Parts	Q'ty	Parts No.	Ref.No.	Name of Parts	Q'ty	Parts No.
1-1	Screw Driver 3.4×70	1	118837-001	9	Button Catch Plate Assembly (WS)	1	S06687-003
1-2	Screw Driver 5.5×190	1	101572-101	10	Shooter Coil Assembly	1	S07042-002
2-1	Spanner \$X7	1	107779-001	11	Screw 4.25×25	2	032452-502
2-2	Spanner 8×9	1 -	100887-001	12	Staple	6	200190-001
2-3	Spanner 18×12	1	107780-001	13	Accessory Bag	1	122991-001
3-1	Spanner 2	1	142002-001	14	Fuse 3A	2	215769-001
3-2	Spanner 3	1	142721-001	15	G Fuse 4A	1	S06120-000
3-3	Spanner 4	1	118064-001	10	Spacer A (0.4mm)	2	S09604-000
3-4	Spanner 5	1	150335-001	16	Spacer B (0.8mm)	1	S09605-000
3-5	Spanner 6	1	115157-001	17	Gauge	1	S06620-001
4	Wrench 8×9	1	105343-001	18-1	Button Presser A	1	S05356-000
-5	Screw Driver 1.6	1	S01943-001	18-2	Button Presser B	1	S06569-000
6	Spanner 2.5	1	154125-001	18-3	Button Presser D	1	S09351-000
7	Spanner 7×8	1	142205-001	18-4	Button Presser E	1	S09352-000
8	Tweezevs	1	117466-000	19	Teble Sheet	1	S11074-000

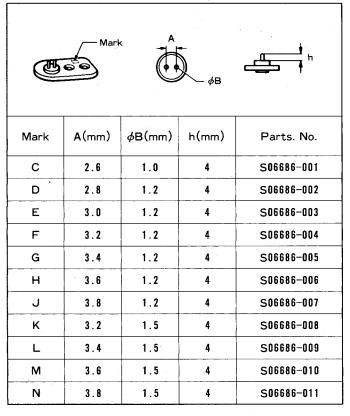
^{*}The details of included accessories are subject to change.

 $[\]ensuremath{\mbox{\sc \#}} \ddot{\mbox{\sc Anderungen}} \ \mbox{in der Aufstellung der mitgelieterten Zubeh\"{\sc orbehalten}} \ \ \mbox{\sc orbehalten}$

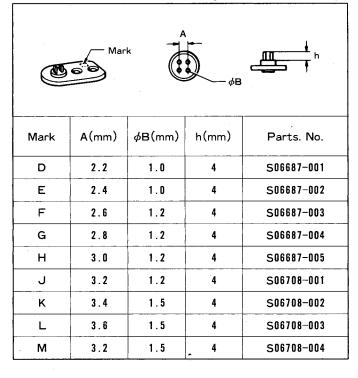
^{*}Les détails des accessoires inclus sont sujets à des changements.

GAUGE PARTS LIST/LEHRENLISTE LISTE DES PIECES D'ECARTEMENT/LISTA DE PIEZAC CALIBRADORAS

Button Catch Plate Assembly



Button Catch Plate Assembly W

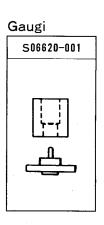


Pin

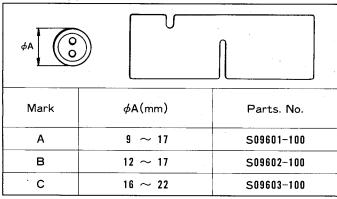
→ + ΦΒ	A(mm)	φB(mm)	Parts. No.
	9	1.0	S06688-001
1 1	9	1.2	S06689-001
<u> </u>	9	1.5	S06690-001

Button Presser

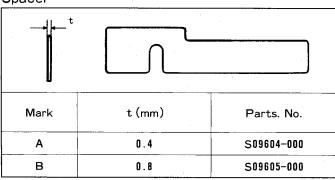
Button Pres	ser			<u> </u>
S05356-000	S06569-000	S06570-000	S09351-000	
Accssory (A)	Standard (B)	Standard (C)	Accssory (D)	
φ8	φ8	φ8	φ1 0	
S09352-000	S09353-000	S09354-000	S09355-000	S09356-000
Accessory (E)	Option(F)	Option(G)	Option(H)	Option(J)
4				
ϕ 10	φ1 2	φ12	φ16	φ16



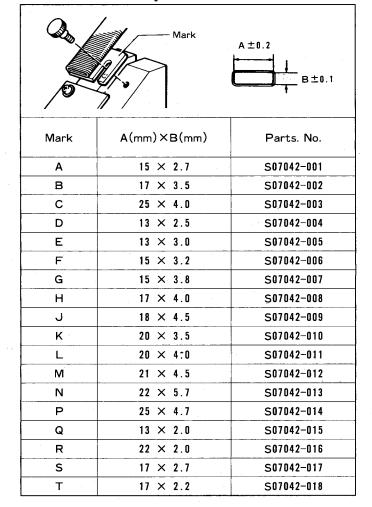
Button Upper Cover



Spacer



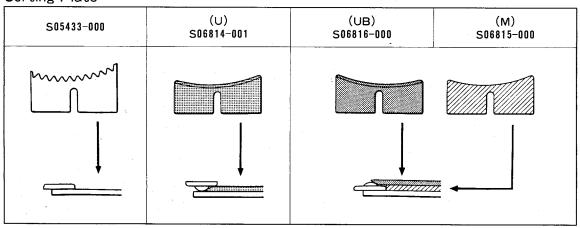
Shoot Coil Assembly



Button Catch Plate Blank

	φ Α	A(mm)	Parts. No.
(6	S06133-001
		8.5	S06710-001

Sorting Plate



部品コード Ports No	参照番号 Def. No.	部品コード Powto No	参照番号 Pof No	部品コード Ports No	参照番号 Pof No	部品コード Ports No	参照番号 Def No
Parts No. S00554-000	Ref. No.	Parts No. S05394-001	Ref. No.	Parts No. S07042-001	Ref. No. E - 2	Parts No. S09579-001	Ref. No.
S01696-001	C- 1-139 i	S05397-001	C- 1-142	S07042-002	Z- 10	S09581-001	C- 1-242
	C- 1-143	S05421-001	C- 1-177	S07051-000	C- 1-8-1	S09582-001	C- 1-226
S01943-001	Z- 5	S05424-001	C- 1-185	S07052-001	C- 1-8-2	S09584-001	C- 1-250
S02592-001	B- 1-17	S05426-101	E- 1	S07053-001	C- 1-8-7	S09585-001	C- 1-252
S02745-001	B- 1-15	S05426-102	E- 1	S07054-001	C- 1-8-10	S09586-001	C- 1-257
S02907-000	F- 4	S05427-101	E- 1-1	S07055-001	B- 1-6	S09587-001	C- 1-231
S03464-101	A - 4-2-1	S05427-102	E- 1-1	S07056-001	C- 1-197	S09590-001	C- 1-239
S03468-001	A - 4-2-13	S05428-001	E- 1-3-2	S07058-001	F- 1	S09591-000	C- 1-225
S03600-001	A - 4-5	S05429-001	E- 1-3-2-1	S07060-001	C- 2	S09592-001	C- 1-229
S03606-001	A - 4-10	S05430-001	E- 1-3-2-2	S07061-001	C- 1-002	S09593-001	C- 1-230
S03607-001	A - 4-11	S05431-001	E- 1-3-2-3	S07062-001	C- 1-001-1-3	S09594-001	C- 1-238
S03608-001	A - 4-12	S05433-000	E- 1-3-5	S07064-001	C- 1-001-3	S09596-001	C- 1-223
S03610-001	A - 4-2-15	S05435-001	E- 1-3-6	S07065-001	C- 1-001-1	S09597-001	C- 1-223-1
S03657-001	A - 4-2-14	S05438-100	E- 1-4	S07067-001	C- 1-001	S09598-001	C- 1-223-2
S04557-000	C- 1-3-1-13	S05475-000	F- 1-2-2	S07069-001	C- 1-241	S09599-000	C- 1-224
	C- 20	S05484-000	F- 2	S07070-001	C- 1-037	S09600-001	C- 1-220
	G-14	S05485-000	G- 1	S07071-001	C- 1-026	S09601-100	C- 1-249
S05323-100	C- 1-198	S05488-000	G- 3	S07072-001	C- 1-025	S09604-000	C- 16
S05324-001	C- 1-199	S05678-101	A - 4-2-4	S07073-001	C- 1-020		Z-16
S05326-000	C- 12	S05679-101	A - 4-2-2	S07074-001	C- 1-080	S09605-000	C- 16
S05329-000	C1-038	S05680-101	A - 4-2-3	S07075-001	C- 1-127	C00000 004	Z-16
S05330-000	C- 1-039	S05681-101	A - 4-2-5	S07076-001	C- 1-136	S09609-001	C- 1-186
S05331-000	C- 1-040	S05687-001	A - 4-2-10	S07079-001	A - 4-6	S09611-000	C- 1-266
S05332-000	C- 1-042	S05729-001	C- 1-3-1-5	S07080-001	A - 4 - 1	S09613-001	C- 1-273 B- 1-3
S05333-001 S05334-000	C- 1-044 C- 1-052	S05730-001 S05731-001	C- 1-3-2 C- 1-3-3	S07081-001 S07091-001	A - 4-1 C - 1-233	S09636-001 S09637-001	B- 1-3 B- 1-4
S05334-000 S05335-001	C- 1-052 C- 1-054	S05731-001 S05734-001	C- 1-3-3 C- 1-3-4	S07091-001	A - 9	S10504-001	C- 3
S05336-001	C- 1-034 C- 1-118	S05738-001	C- 1-3-4 C- 1-207	S07092-001	A - 8	S10504-001	C- 1-168
S05337-000	C- 1-055	S05881-001	B- 2	S07098-001	A - 4-13	S10549-000	B- 1-1
\$05338-000	C- 1-057	S05882-001	B- 5	S07099-001	B- 1-20	S10699-000	G- 16
S05339-001	C- 1-058	S05884-000	B- 6	S07102-001	C- 1	S10701-001	C- 1-068
S05340-001	C- 1-060	S05888-001	C- 1-189	S07104-001	G- 4	S10703-000	C- 1-069
S05341-001	C- 1-061	S05889-001	C- 1-190	S07105-001	D- 1	S10704-001	C- 1-075
	C- 1-093	S05905-001	A - 4-2-11	S07107-001	A- 5	S10705-000	C- 1-073
	.C- 1-096	S05907-101	E- 1-1-21	S07108-001	B- 1	S10706-000	C- 1-074
	C- 1-107	S05910-000	E- 1-1-4	S07110-001	C- 1-006	S10707-001	C- 1-077
S05342-001	C- 1-062	S05912-101	E- 1-1-3	S07117-001	A - 4-14	S10708-001	C- 1-076
S05343-000	C- 1-063	S05914-101	E- 1-1-8	S07122-001	B- 1-21	S10709-001	C- 1-072
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S05345-001	C- 1-066	S05972-000	C- 1-098	S07128-001	C- 1-124	S11073-000	B- 1-10
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S05367-001	C- 1-095	S06033-001	E- 1-1-1	S07164-001 S07165-001	E- 1-3-15	002300-502	C- 1-071
S05368-101 S05369-001	C- 1-099 C- 1-101	S06034-001 S06044-001	E- 1-1-1 C- 1-129	S07166-001	E- 1-3-8 E- 1-3-7	002300-603	B- 1-12 C- 1-3-1-5-2
S05370-001	C- 1-101 .	S06119-001	C- 1-129 C- 1-134	S07167-001	E- 1-3-16	002300-803	C- 1-3-1-3-2
S05370-001	C- 1-022	S06120-000	Z- 15	S07172-001	B- 17	002000 000	C- 1-178
30071 001	C- 1-106	S06252-000	G- 2	S07979-001	A- 1		C- 1-3-1-10
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S05376-001	C- 1-122	S06613-001	E- 1-1-29	S08479-001	E- 1-1-9		F- 1-3-14
S05378-000	C- 1-001-1-1	S06620-001	Z- 17	S08480-001	E- 1-1-2		G- 5
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S05384-001	C- 1-017	S06686-004	C- 1-3-5	S09352-000	Z- 18-4		C- 1-3-4-3
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S05388-001	C- 1-023	S06994-001	A - 4-7	S09574-001	C- 1-240	002400-663	B- 1-16
S05388-001	C- 1-8-4	S06995-001	A - 5-1	S09575-001	C- 1-261	002401-402	B- 7
S05391-001	C- 1-031	S06996-001	A - 5-3	S09576-001	C- 1-248	002401-403	F- 1-3-11
,	C- 1-8-9	S06997-001	A - 5-8	S09577-001	C- 1-247	002502-505	E- 1-1-5
S05392-001	B- 1-22	S06998-001	A - 5-2	S09578-001	C- 1-227	007301-212	C- 1-029

部品コード	参照番号	部品コード	参照番号	部品コード	参照番号	部品コード	参照番号
Parts No.	Ref. No.	Parts No.	Ref. No.	Parts No.	彩照番号 Ref. No.	Parts No.	多原番号 Ref. No.
014060-622	C- 1-028	025030-233	C- 1-179	028040-243	F- 1-8	141334-001	C- 1-121
	C- 1-126		C- 1-3-1-9		F- 1-15		C- 1-187
	C- 1-271		C- 1-3-1-12	028050-242	C- 1-013	i '	C- 1-8-8
	C- 1-8-11		F- 1-3-16		C- 1-237	142002-001	Z - 3-1
014060-632	B- 1-23		G- 7		C- 1-3-10	142205-001	Z- 7
	C- 1-018	025040-232	B- 1-19		E- 1-1-6	142268-001	B- 1-11
	C- 1-034	*	B- 9		E- 9	142721-001	Z - 3-2
	C- 1-041		C- 1-048	028060-242	C-8	144526-001	A - 10
	C- 1-045		C- 1-091		E- 1-1-20	144543-001	E- 4
:	C- 1-100	•	C- 1-115		E- 6	146354-001	A - 4-4
	C- 1-105	•	C- 1-182	028060-243	B- 1-8	148417-001	A- 11
	C- 1-123		C- 1-211	028080-242	E- 1-1-22	148546-001	C- 1-094
	C- 1-128		C- 1-246	020000 212	E- 1-9	148587-001	C- 1-111
014300-432	C- 1-053		C- 1-254	032452-502	F- 3	148589-001	C- 1-117
	C- 1-056		C- 1-259	002402 002	G- 10	148592-001	C- 1-119
	C- 1-059		C- 5		Z- 11	149073-001	C- 1-212
1	C- 1-070		D- 4	047250-642	A - 4-2-8	149127-001	A- 4-18
014300-522	C- 1-3-1-4	025040-233	C- 1-206	048020-342	C- 1-228	149547-000	E- 1-1-24
014400-522	C- 1-078	023040 233	E- 1-3-11	U70UZU 34Z	C- 1-226	150335-001	Z- 3-4
017700 322	C - 1-078			048025-242	C- 1-3 C- 1-263	150554-002	
014500-522	C- 1-2/2 C- 1-024			048025-342			
014300-322	C- 1-024 C- 1-043			040020 040	E- 1-3-2-4	150556-001	A - 4-15
}			F- 1-9	048030-342	C- 1-232	150556-001	A - 4-8
}	C- 1-064	025040 000	F- 1-14	040040 212	C- 1-269	152877-001	C- 1-234
	C- 1-067	025040-332	E- 1-3-17	048040-342	B- 1-5	153484-001	A - 5-5
	C- 1-270	025050-232	C- 1-012	048060-342	C- 1-104		C- 1-005
044700 000	C- 1-8-6		C- 1-146	048080-342	B- 1-24	154125-001	Z- 6
014760-622	A - 5-7		C- 1-236	061500-804	C- 1-251	155571-001	A- 7
	A - 6		C - 1-268	062260-406	C- 1-267	158998-001	B- 3
	C- 1-135		E- 1-1-7	062400-616	C- 1-191	159394-001	B- 18
017062-003	C- 1-003		E- 1-3-13	062400-806	C- 1-202	200190-001	Z- 12
017501-602	C- 1-145		E-10		C- 4	215769-001	F- 1-3-10
017711-412	A- 2	025060-232	C- 1-004		E- 1-1-25		Z-14
	A - 4-3	025080-336	E- 1-10		E- 1-3-3		
018051-622	C- 1-235	025100-132	B- 1-25		F- 1-3-3		
018061-222							
	B- 1-7	025680-232	A - 4-16		F- 1-4		
018062-022	C- 1-001-2	025680-232 028030-242	B- 1-13	•	F- 1-7		
018062-022 018065-022	C- 1-001-2 C- 6	028030-242	B- 1-13 C- 1-084	•	F- 1-7 F- 1-13		
018062-022 018065-022 018082-522	C- 1-001-2 C- 6 E- 1-1-11		B- 1-13 C- 1-084 B- 14	062401-006	F- 1-7 F- 1-13 E- 1-3-18	·	
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