PARTS CATALOG

Cat. No. 8488⚠ November, 1990.

-4 SERIES

MODELS: 503-4. 504-4. 505-4. 512-4. 514-4. 515-4. 516-4.

WILLCOX & GIBBS, INC.

INTRODUCTION

■ This parts catalog covers the -4 series machine manufactured November, 1990.

■ On pages 2～73, each mechanism is arranged on facing pages, the first page containing the illustrations and the second page containing the data of the individual parts.
The number given to each illustration is the REF. NO. on the parts list.

■ Gauge parts construction charts/gauge parts lists.
Gauge parts are used in some machine types and sewing gauges only. Pages 74～123 contain the gauge parts construction charts in order to know the illustrations and the combinations of the parts, and pages 124～132 contain the gauge parts lists to obtain the data at a glance.

■ A part number index is attached to the back of this catalog for convenience.

■ When placing orders for parts from this catalog, use ONLY THE PART NUMBER.

■ This parts catalog is applicable to your machine and is subject to change without notification.

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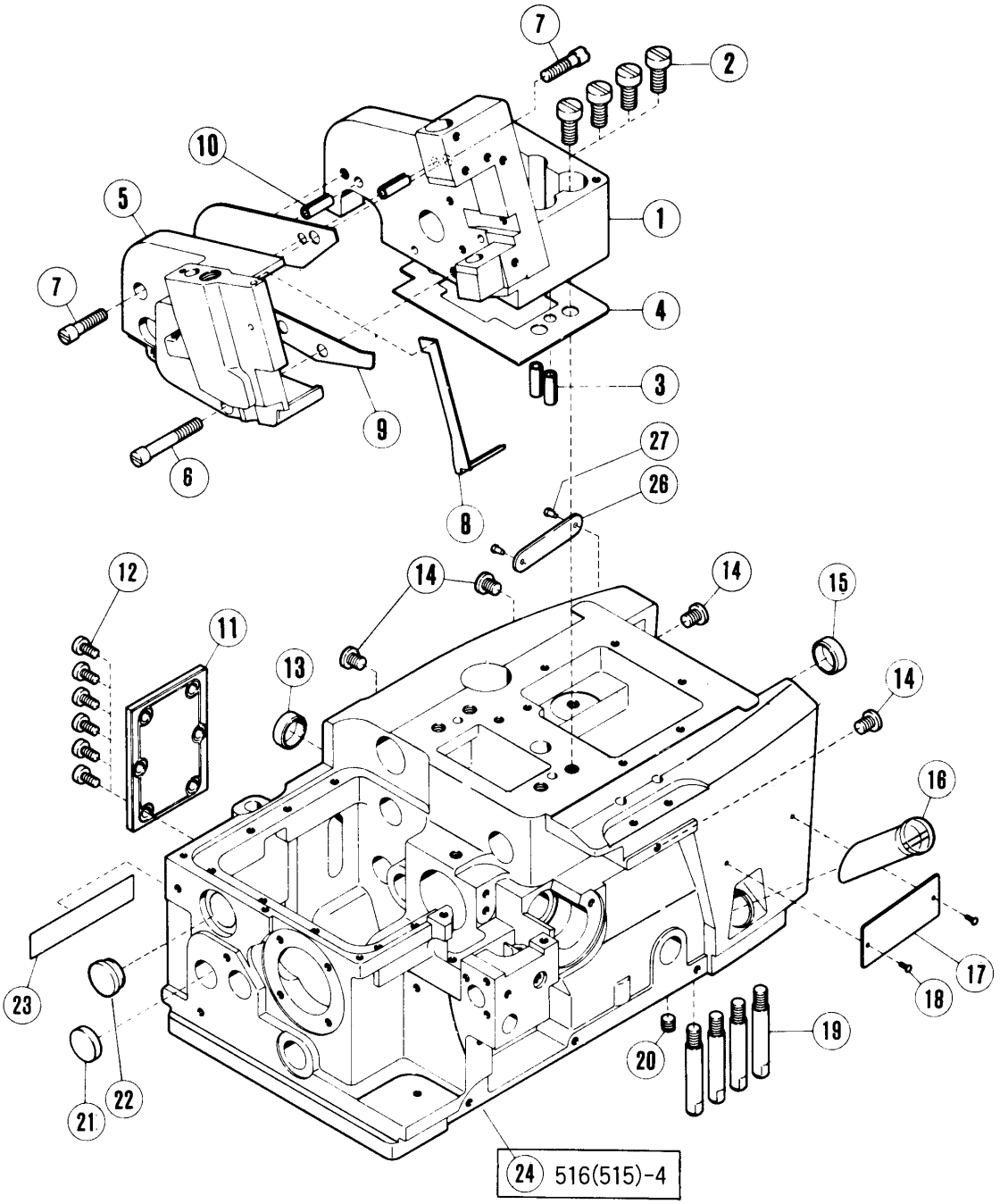
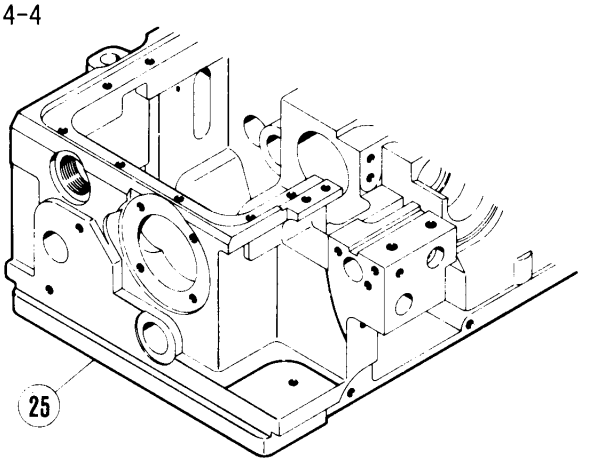
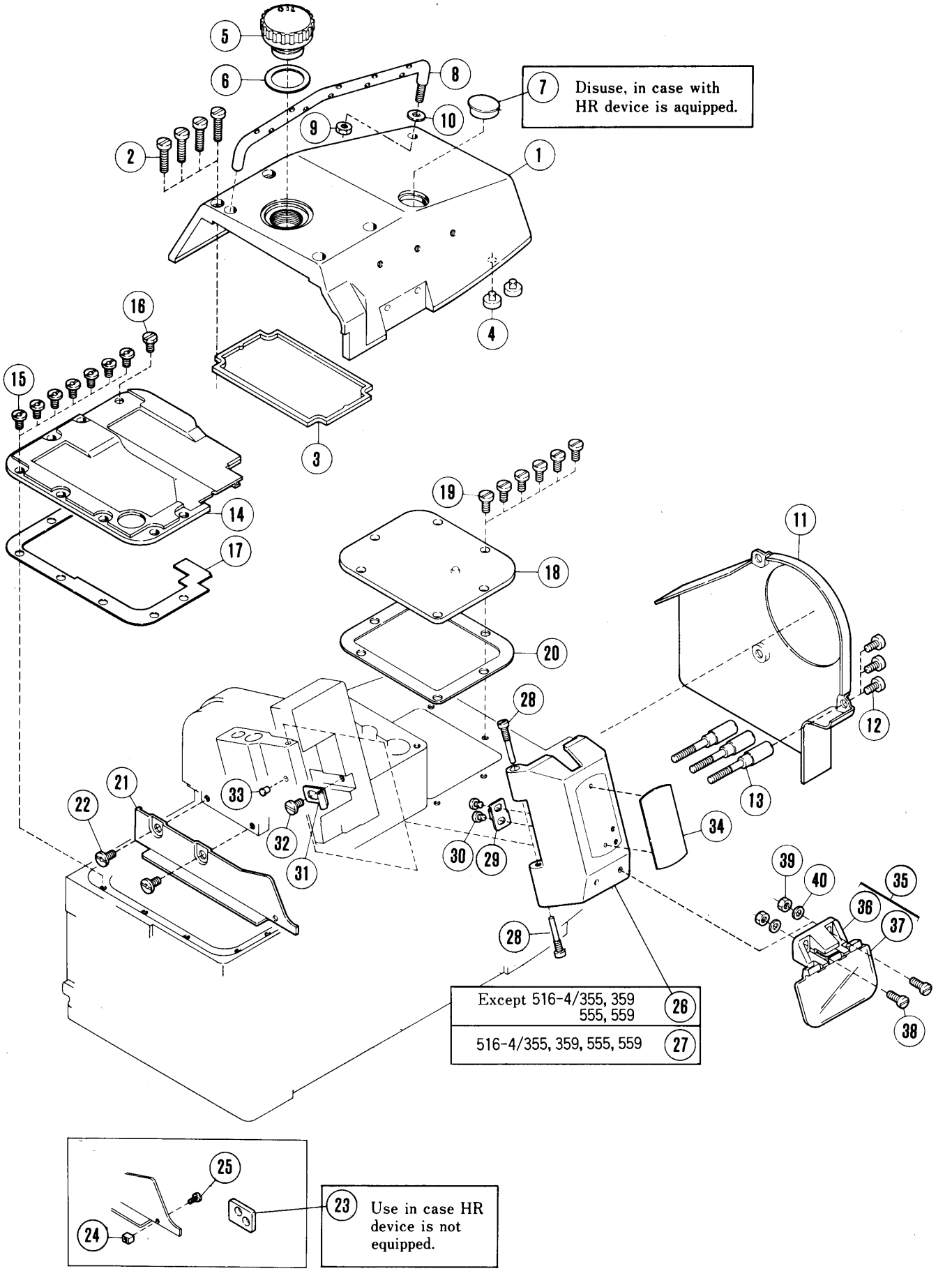


504-4, 503-4, 505-4,
512-4, 514-4



MACHINE BED FRAME

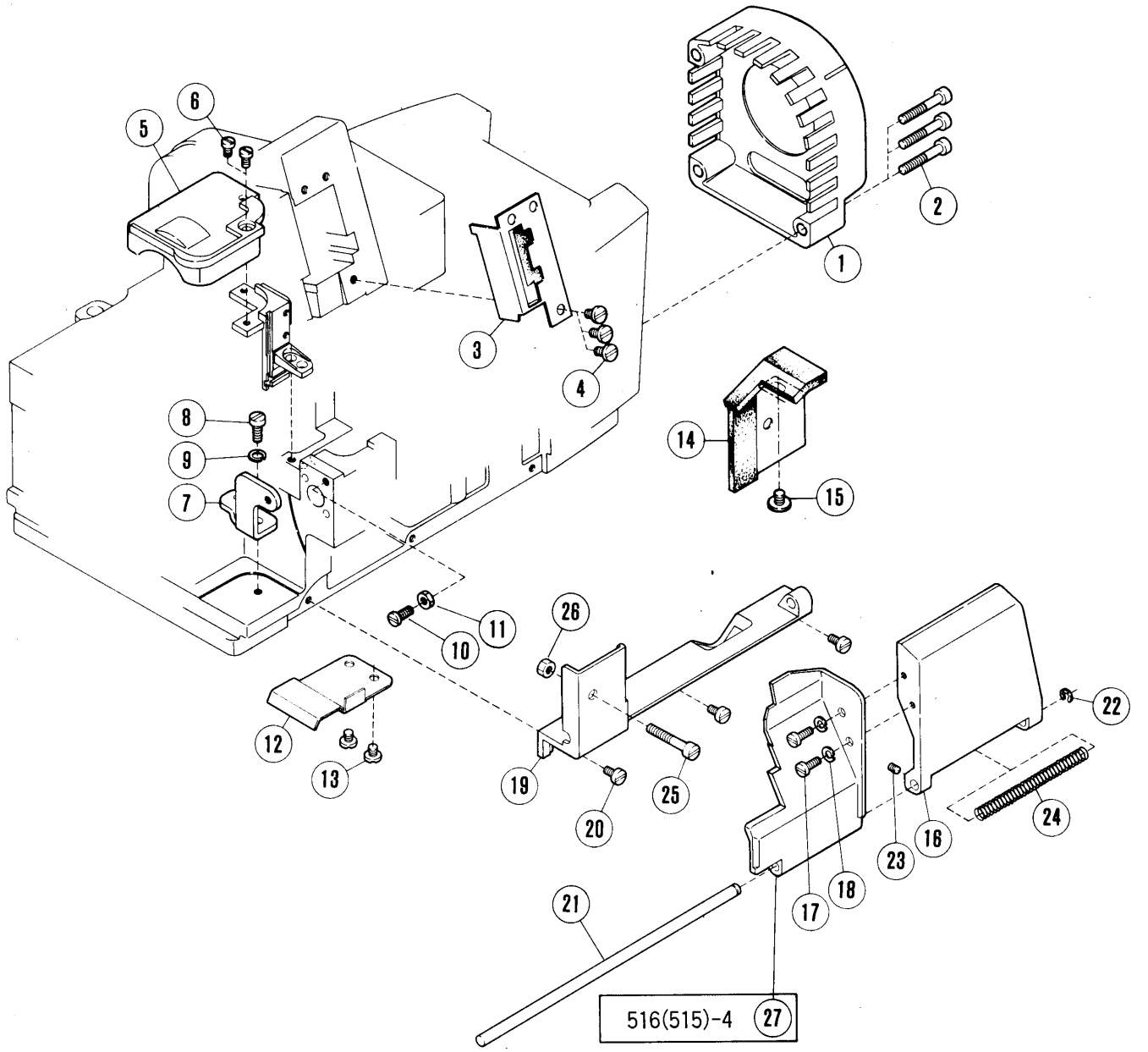
REF. NO.	PART NO.	NAME	QT.	MEMO
1	208602-FD	MACHINE ARM (RIGHT)	1	
2	5078	SCREW	4	
3	201002	PIN	2	
4	204251	GASKET	1	
5	208603-FD	MACHINE ARM (LEFT)	1	
6	5237	SCREW	1	
7	5163	SCREW	2	
8	208434	OIL SHIELD	1	
9	208169A	GASKET	1	
10	201002	PIN	2	
11	210005	COVER PLATE	1	
12	5117	SCREW	6	
13	210003	PLUG	1	
14	5332A	SCREW	4	
15	204828	PLUG	1	
16	204003	OIL SIGHT GAUGE	1	
17	212280A	TYPE PLATE	1	
18	210679	PIN	2	
19	204006	BED PIN	4	
20	2022	SCREW	1	
21	210003	PLUG	1	
22	240162	PLUG	1	
23	202526	NAME PLATE	1	
24	208600AFD	MACHINE BED	1	
25	208601AFD	MACHINE BED	1	
26	230047A	SERIAL NUMBER PLATE	1	
27	210679	PIN	2	



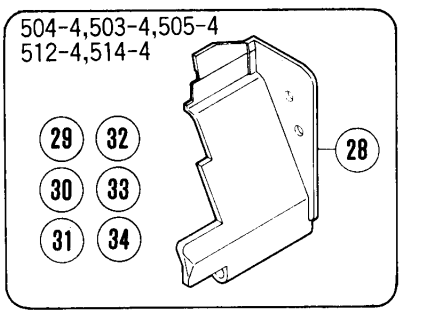
(24)(25) For Needle Plates without the chaining land.

COVER (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208299-HD	TOP COVER	1	
2	5152	SCREW	4	
3	208481	O RING	1	
4	208482	CUSHION RUBBER	2	
5	206457	OIL SIGHT WINDOW	1	
6	206682	GASKET	1	
7	208339	PLUG	1	
8	208802	THREAD GUIDE BAR	1	
9	3044	NUT	1	
10	200098	WASHER	1	
11	205216A	BELT COVER	1	
12	5091	SCREW	3	
13	205217	SCREW	3	
14	208919	BED PLATE COMPLETE (LEFT)	1	
15	4009-1	SCREW	7	
16	5482	SCREW	1	
17	208921	GASKET	1	
18	208341	BED COVER PLATE (RIGHT)	1	
19	5117	SCREW	6	
20	208342	GASKET	1	
21	204848A	FABRIC GUARD	1	
22	4009-1	SCREW	2	
23	204646	SPACER PLATE	1	
24	204681	SPACER	1	
25	2922	SCREW	1	
26	208023AHD	NEEDLE BAR COVER	1	
27	209163-HD	NEEDLE BAR COVER	1	
28	202653	SCREW	2	
29	202689	FLAT SPRING	1	
30	1234	SCREW	2	
31	204223	FLAT SPRING	1	
32	4009-1	SCREW	1	
33	198192	CUSHION RUBBER	1	
34	208725	NAME PLATE	1	
35	208747	EYE GUARD COMPLETE	1	
36	208744	EYE GUARD BRACKET COMPLETE	1	
37	205685	EYE GUARD	1	
38	1175-3	SCREW	2	
39	3091	NUT	2	
40	137906	WASHER	2	



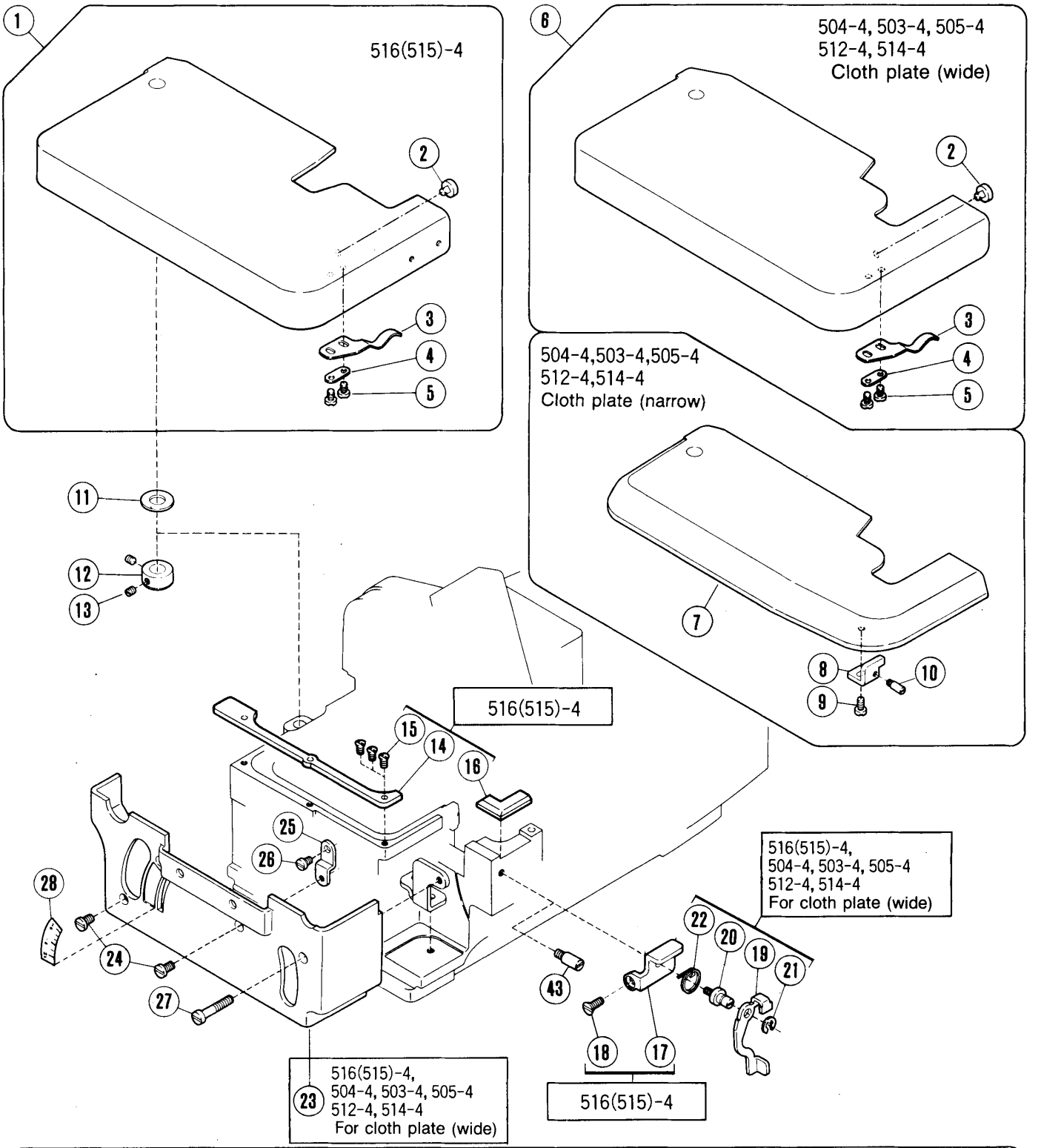
HR DEVICE	504-4, 503-4, 505-4 〔1-needle〕 (Except 504-4/65)	504-4/65	514-4, 512-4 〔2-needle〕 (NG＝1.5mm)	514-4, 512-4 〔2-needle〕 (NG＝2.5･3.5mm)	※ 514-4, 512-4 〔2-needle〕 (NG＝2.0mm)
YES	㉙	㉛	㉙	㉝	㉙
NO	㉘	㉚	㉘	㉜	㉞



※㉝ Should be used for 512-5/53, 512-4/57 (NG＝2.0mm)

COVER (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204650A	COVER	1	
2	5094	SCREW	3	
3	208430	FACE PLATE COMPLETE	1	
4	4009-1	SCREW	3	
5	208945	COVER/FEED ECCENTRIC	1	
6	5328	SCREW	2	
7	204868	SPACER	1	
8	2902	SCREW	1	
9	202286	SPRING WASHER	1	
10	5002	SCREW	1	
11	3044	NUT	1	
12	210007	FEED BAR COVER	1	
13	2905	SCREW	2	
14	208604	OIL SHIELD COMPLETE	1	
15	5147	SCREW	1	
16	208001-FD	FRONT COVER (RIGHT)	1	
17	1175-3	SCREW	2	
18	200821	WASHER	2	
19	208008-FD	HINGE/FRONT COVER	1	
20	1216	SCREW	3	
21	208009	PIN	1	
22	200555	RING	1	
23	5146	SCREW	2	
24	208010	SPRING	1	
25	5094	SCREW	1	
26	5137	NUT	1	
27	208401	FRONT COVER (LEFT)	1	
28	208003	FRONT COVER (LEFT)	1	
29	208004	FRONT COVER (LEFT)	1	
30	208005	FRONT COVER (LEFT)	1	
31	208006	FRONT COVER (LEFT)	1	
32	208058	FRONT COVER (LEFT)	1	
33	208056	FRONT COVER (LEFT)	1	
34	209285	FRONT COVER (LEFT)	1	


1
516(515)-4
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504-4, 503-4, 505-4
512-4, 514-4
Cloth plate (wide)
504-4,503-4,505-4
512-4,514-4
Cloth plate (narrow)
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516(515)-4
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516(515)-4,
504-4, 503-4, 505-4
512-4, 514-4
For cloth plate (wide)
516(515)-4,
504-4, 503-4, 505-4
512-4, 514-4
For cloth plate (wide)
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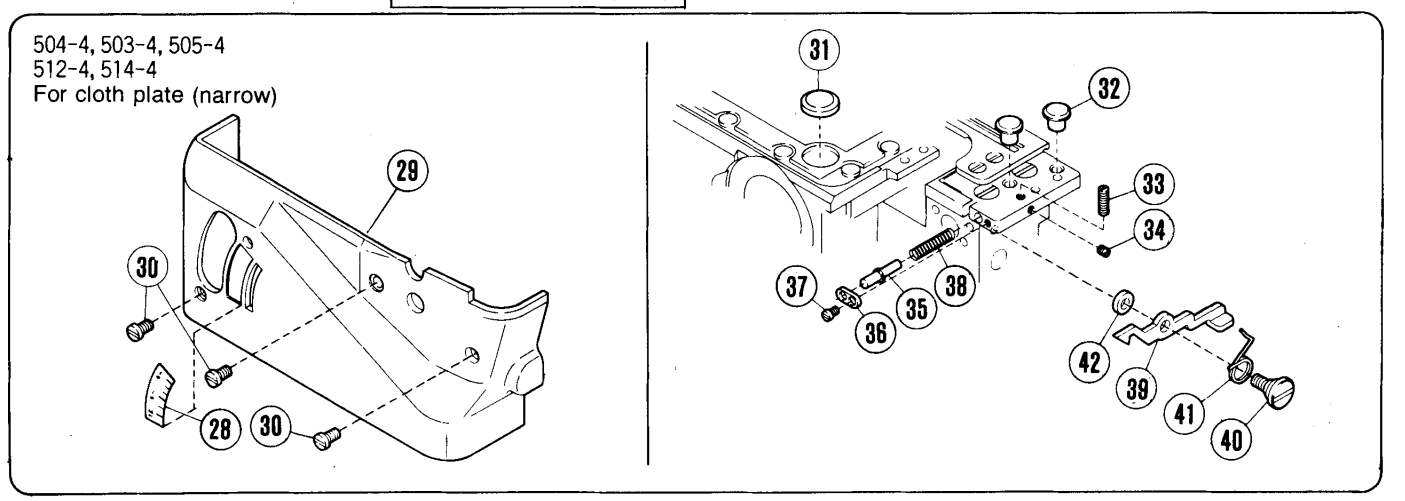
516(515)-4


504-4, 503-4, 505-4
512-4, 514-4
For cloth plate (narrow)
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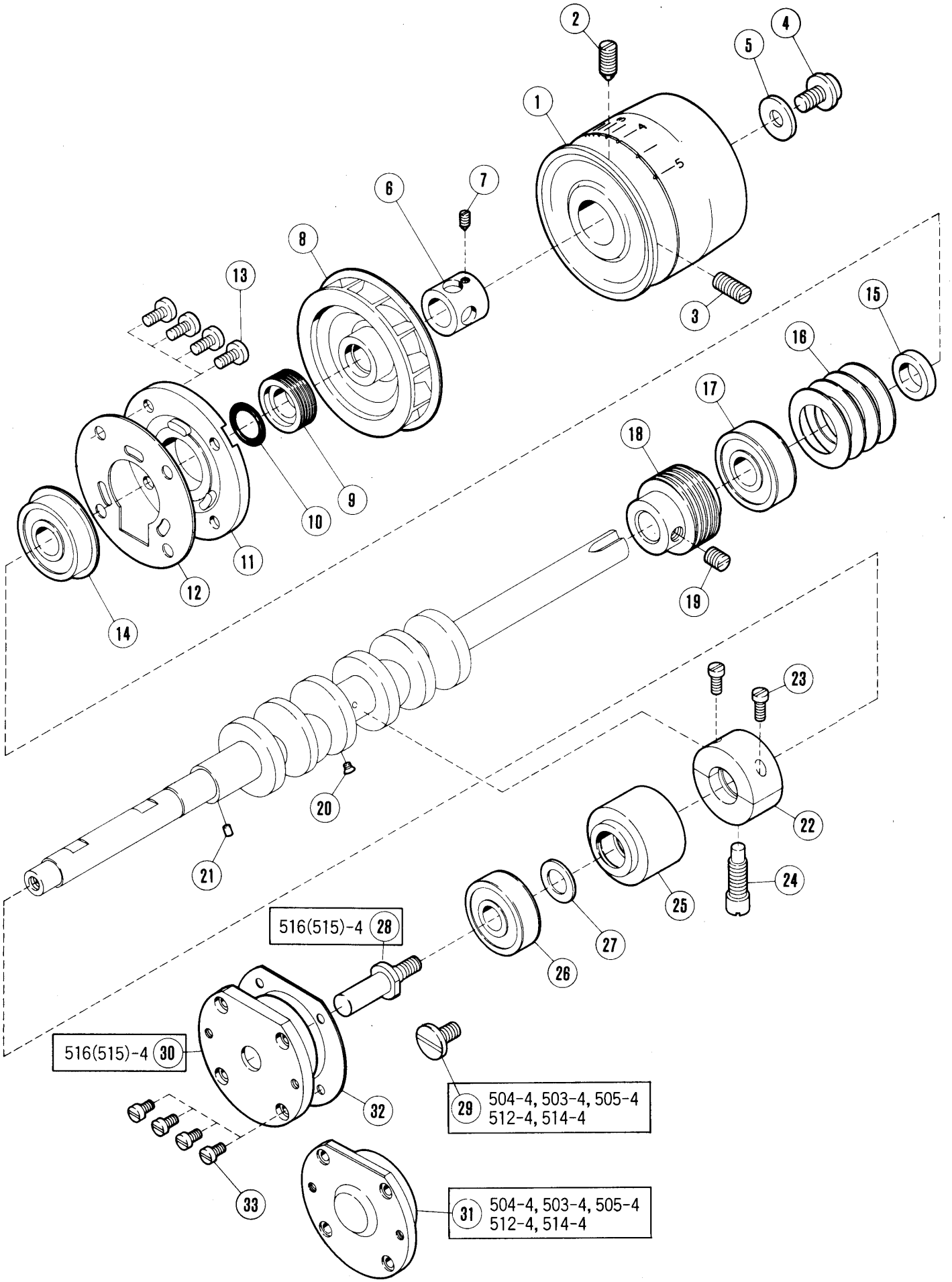
COVER (3)

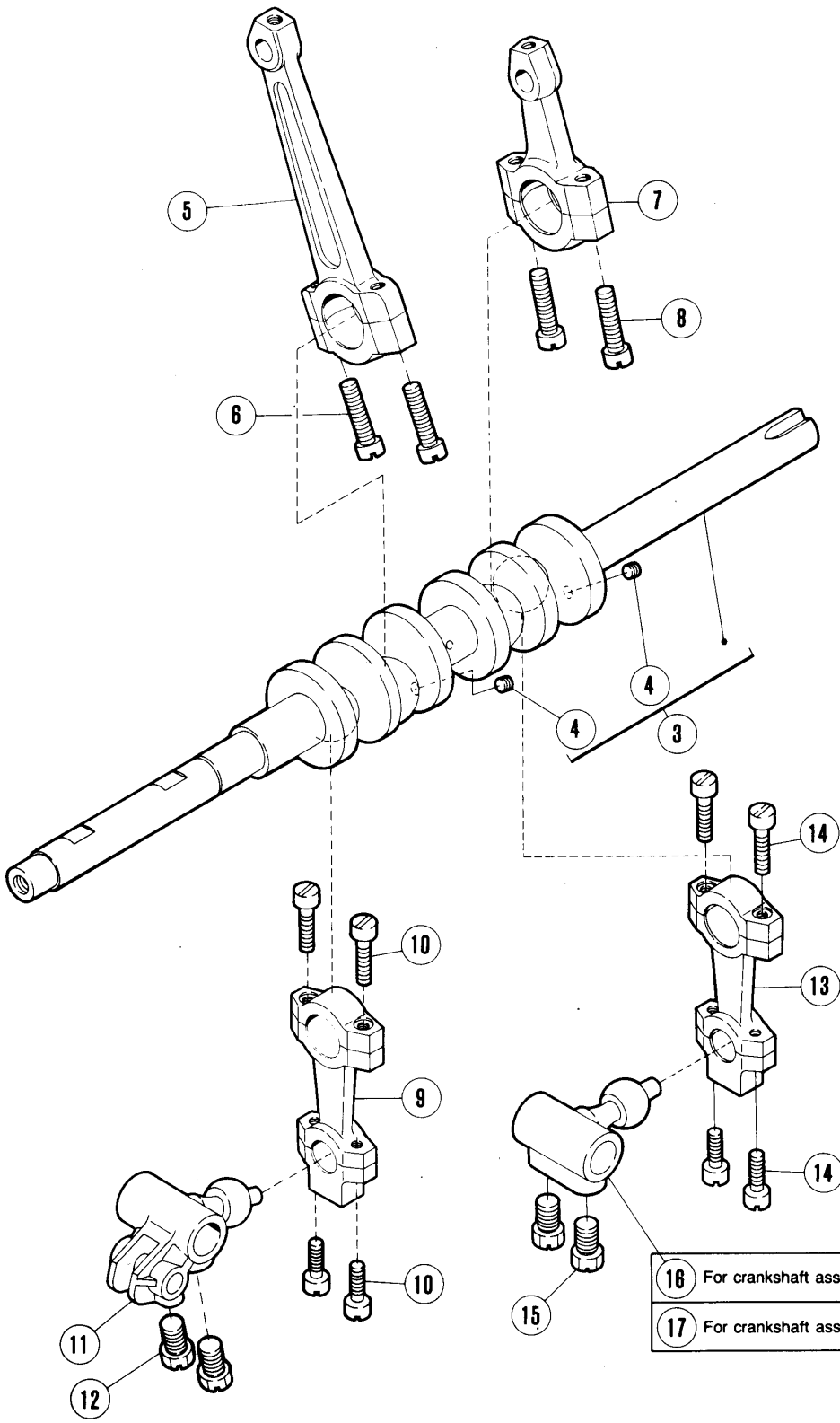
REF. NO.	PART NO.	NAME	QT.	MEMO
1	208610	CLOTH PLATE COMPLETE	1	
2	210025	CUSHION	1	
3	204218	FLAT SPRING	1	
4	200162A	WASHER	1	
5	1216	SCREW	2	
6	208612	CLOTH PLATE COMPLETE	1	
7	208611	CLOTH PLATE COMPLETE	1	
8	204744	BRACKET	1	
9	1202	SCREW	1	
10	204743	SCREW	1	
11	202576	WASHER	1	
12	201139	COLLAR	1	
13	1457	SCREW	2	
14	204242	RUBBER PLUG	1	
15	5022	SCREW	3	
16	204243	RUBBER PLUG	1	
17	208741	STOPPER	1	
18	1732	SCREW	1	
19	208737	LEVER	1	
20	208738	PIN	1	
21	201629	RING	1	
22	208740	SPRING	1	
23	204865AFA	SIDE COVER	1	
24	5091	SCREW	1	
25	204867	SPACER	1	
26	5113	SCREW	1	
27	5182	SCREW	1	
28	209405	INDICATION PLATE	1	
29	204857A-FA	SIDE COVER COMPLETE	1	
30	5091	SCREW	3	
31	204827	RUBBER PLUG	1	
32	204749	RUBBER PLUG	1	
33	1435	SCREW	1	
34	1459	SCREW	1	
35	204746	PIN	1	
36	204747	GUIDE	1	
37	5053	SCREW	1	
38	204748	SPRING	1	
39	204742	LATCH	1	
40	5362	SCREW	1	
41	204745	SPRING	1	
42	208245	WASHER	1	
43	5232	SCREW	1	


516(515)-4 28
516(515)-4 30
29 504-4, 503-4, 505-4
512-4, 514-4
31 504-4, 503-4, 505-4
512-4, 514-4

CRANKSHAFT DRIVE MECHANISM (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208932-HD	MACHINE PULLEY	1	
2	5080	SCREW	1	
3	5081	SCREW	1	
4	5549	SCREW	1	
5	204023	WASHER	1	
6	204026	SPACER	1	
7	5267	SCREW	1	
8	204198	COOLING FAN	1	
9	208476	OIL SEAL COLLAR	1	
10	208272	O RING	1	
11	208477	PLATE	1	
12	204022	GASKET	1	
13	5117	SCREW	4	
14	204020A	BUSHING	1	
15	204019A	SPACER	1	
16	204018	SPRING	4	
17	201523A	BALL BEARING	1	
18	204186A	WORM	1	
19	2022	SCREW	1	
20	5304	SCREW	1	
21	207358	OIL FELT	1	
22	204016	BUSHING	1	
23	1170-1	SCREW	2	
24	5240	SCREW	1	
25	204014	BUSHING	1	
26	204010	BUSHING	1	
27	240102	WASHER	1	
28	204873	CRANK SHAFT EXTENSION	1	
29	5361	SCREW	1	
30	204881	HOUSING	1	
31	204737	HOUSING	1	
32	204319	GASKET	1	
33	1175-2	SCREW	4	

①	③ ~ ⑯	516(515)-4 except the following models.
②	③ ~ ⑮ • ⑰	516(515)-4/86, 87, 88, 89, 355, 359, 555, 559

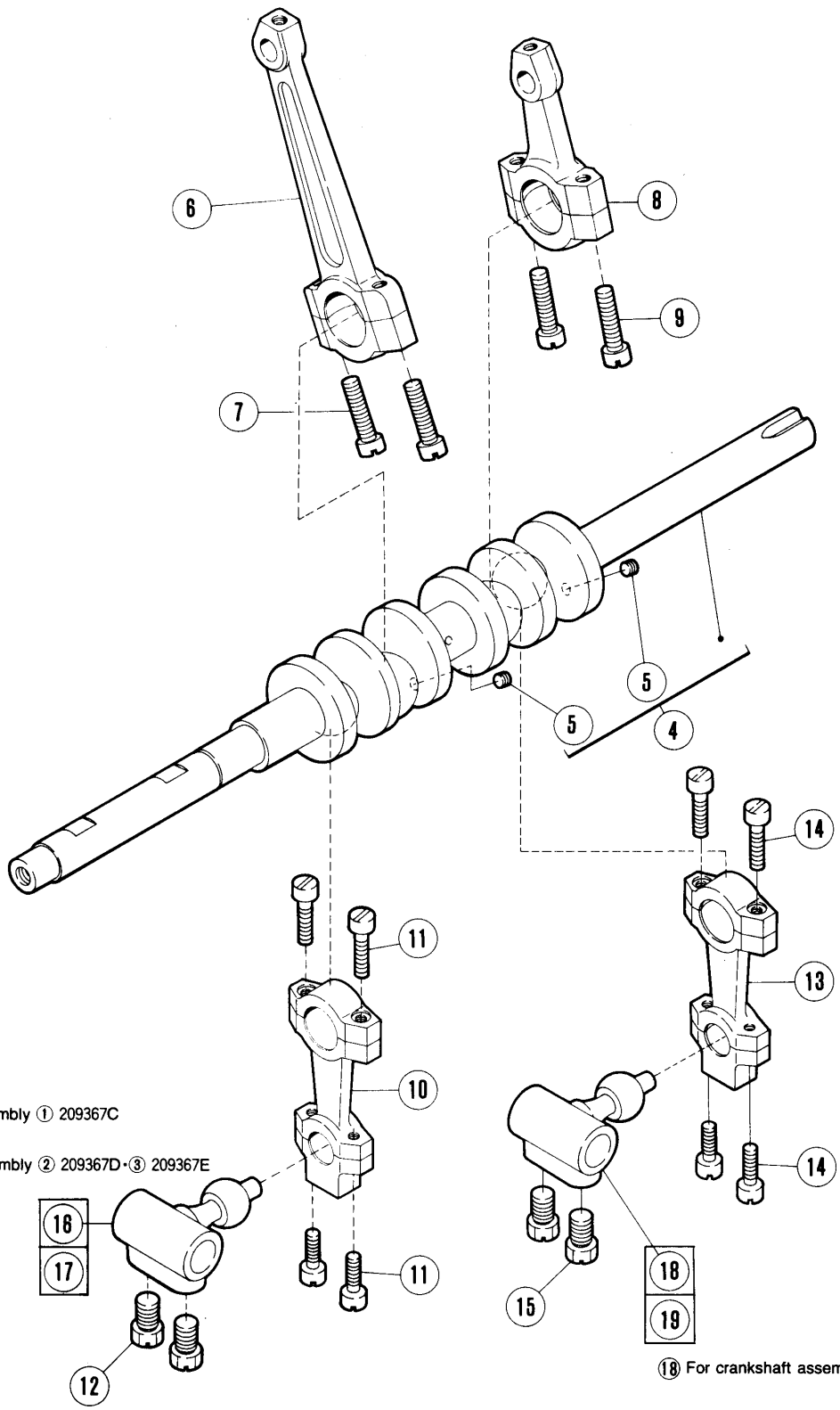


CRANKSHAFT DRIVE MECHANISM (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	209367A	CRANKSHAFT ASSEMBLY	1	
2	209367B	CRANKSHAFT ASSEMBLY	1	
3	208951	CRANKSHAFT	1	
4	1459	SCREW	2	
5	204029	CONNECTION	1	
6	5233	SCREW	2	
7	204145A	DRIVE CONNECTION/UPPER KNIFE	1	
8	5233	SCREW	2	
9	208346	CONNECTION	1	
10	5376	SCREW	4	
11	208192	CRANK/LOWER LOOPER	1	
12	2022-4	SCREW	2	
13	208346	CONNECTION	1	
14	5376	SCREW	4	
15	2022-4	SCREW	2	
16	204048A	CRANK	1	
17	204788	CRANK/LOWER LOOPER	1	

①	④～⑯・⑱
②	④～⑮・⑰・⑱
③	④～⑮・⑰・⑲

① • 504-4,503-4,505-4 (except 504-4/65)
② • 514-4,512-4 (except 514-4/18, 18S1, 18S2, 18S4, 18S5 514-4/67, 73.)
• 504-4/65 (SW=3.0～6.0mm)
③ • 514-4/18, 18S1, 18S2, 18S4, 18S5 514-4/67, 73
• 504-4/65 (SW=7.0·8.0mm)



⑯ For crankshaft assembly ① 209367C

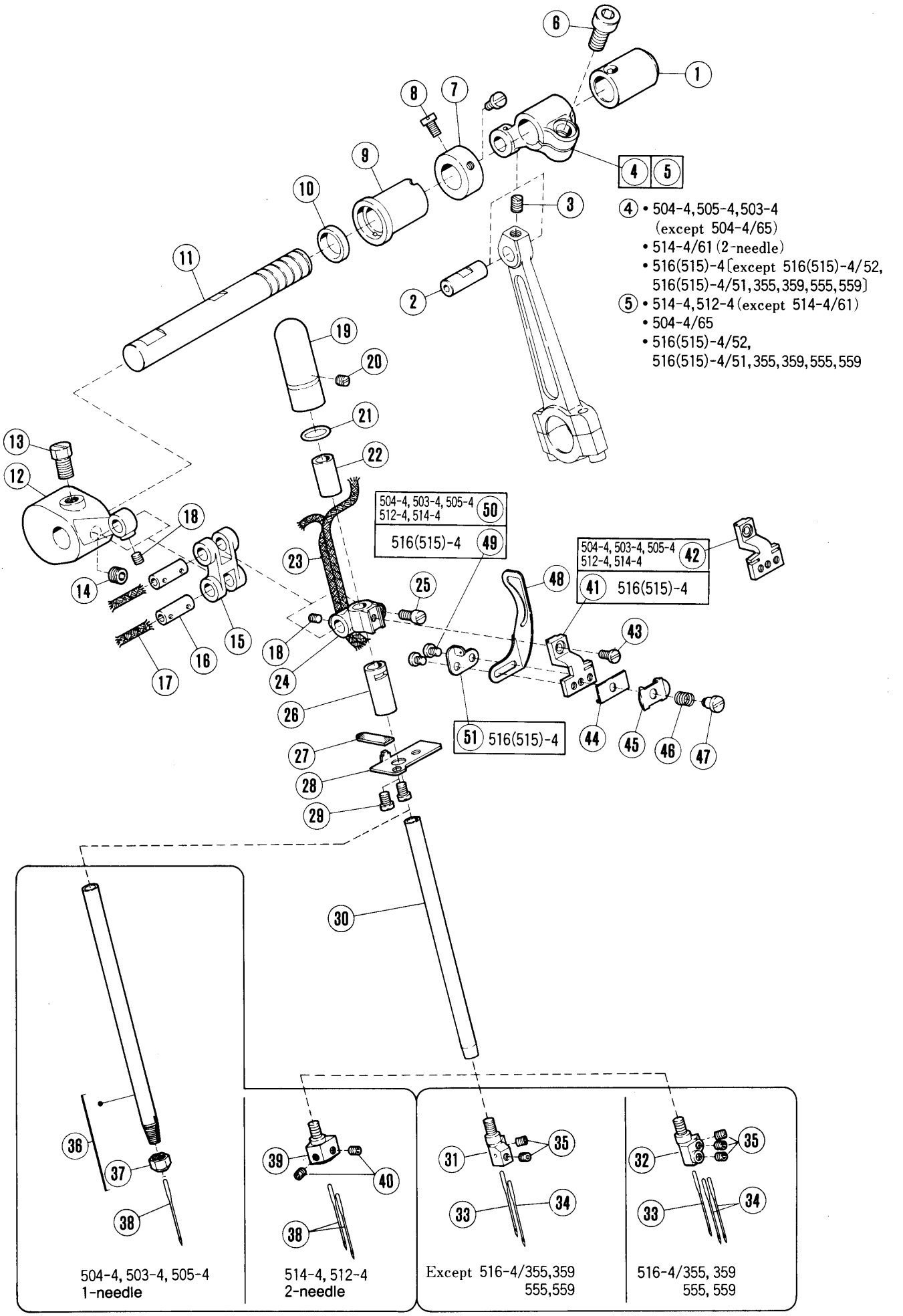
⑰ For crankshaft assembly ② 209367D·③ 209367E

⑱ For crankshaft assembly ① 209367C, ② 209367D

⑲ For crankshaft assembly ③ 209367E

CRANKSHAFT DRIVE MECHANISM (3)

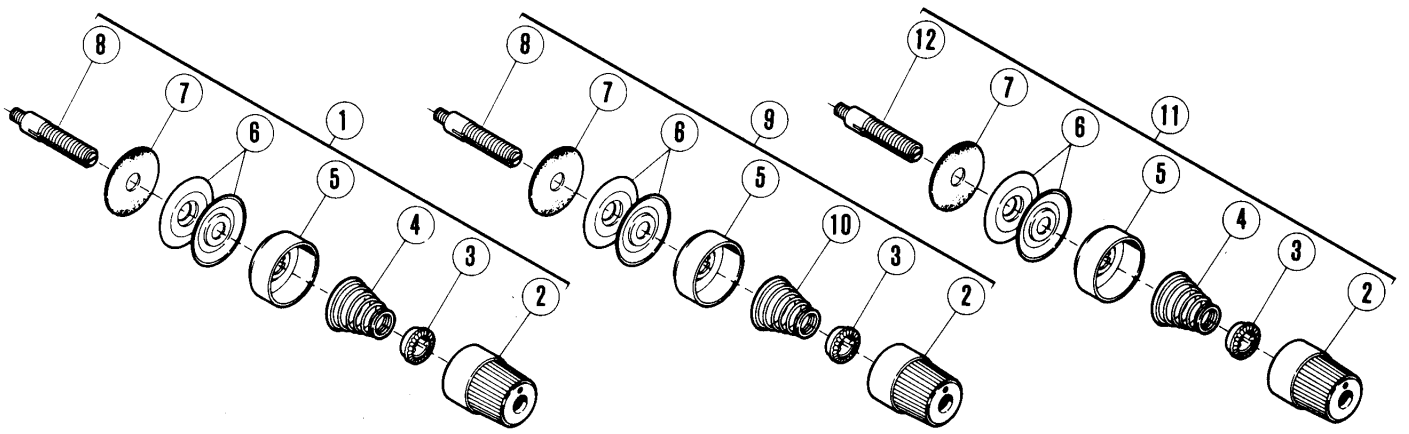
REF. NO.	PART NO.	NAME	QT.	MEMO
1	209367C	CRANKSHAFT ASSEMBLY	1	
2	209367D	CRANKSHAFT ASSEMBLY	1	
3	209367E	CRANKSHAFT ASSEMBLY	1	
4	208951	CRANKSHAFT	1	
5	1459	SCREW	2	
6	204029	CONNECTION	1	
7	5233	SCREW	2	
8	204145A	DRIVE CONNECTION/UPPER KNIFE	1	
9	5233	SCREW	2	
10	208346	CONNECTION	1	
11	5376	SCREW	4	
12	2022-4	SCREW	2	
13	208346	CONNECTION	1	
14	5376	SCREW	4	
15	2022-4	SCREW	2	
16	204787	CRANK/LOWER LOOPER	1	
17	204788	CRANK/LOWER LOOPER	1	
18	204048A	CRANK	1	
19	204788	CRANK/LOWER LOOPER	1	

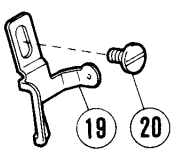

④ • 504-4,505-4,503-4 (except 504-4/65)
• 514-4/61 (2-needle)
• 516(515)-4 [except 516(515)-4/52, 516(515)-4/51,355,359,555,559]
⑤ • 514-4,512-4 (except 514-4/61)
• 504-4/65
• 516(515)-4/52, 516(515)-4/51,355,359,555,559
504-4, 503-4, 505-4 512-4, 514-4 ⑤0
516(515)-4 ④9
504-4, 503-4, 505-4 512-4, 514-4 ④2
④1 516(515)-4
⑤1 516(515)-4
504-4, 503-4, 505-4 1-needle
514-4, 512-4 2-needle
Except 516-4/355,359 555,559
516-4/355, 359 555, 559

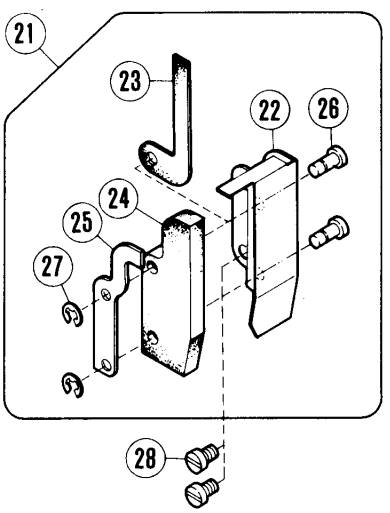
NEEDLE DRIVE MECHANISM (1)

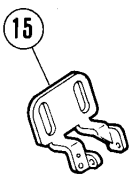
PLEASE NOTE : 「××××××」is one of the gauge parts. So please refer to pages 74~132 and confirm the correct parts.

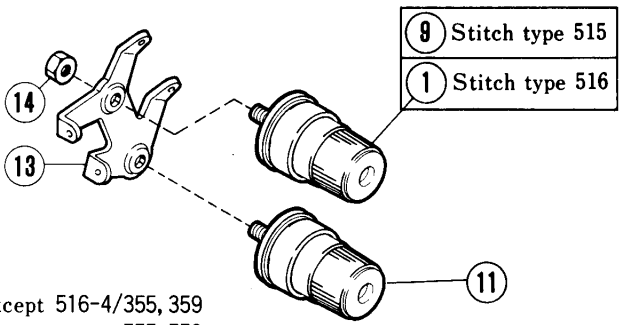
REF. NO.	PART NO.	NAME	QT.	MEMO
1	208249	BUSHING	1	
2	205495	PIN	1	
3	5234	SCREW	1	
4	201360B	CRANK	1	
5	201441B	CRANK	1	
6	5381	SCREW	1	
7	201117	COLLAR	1	
8	5328	SCREW	2	
9	208248	BUSHING	1	
10	208250	OIL SEAL	1	
11	208247	SHAFT	1	
12	208424	CRANK/NEEDLE BAR	1	
13	2022-4	SCREW	1	
14	5312	SCREW	1	
15	208425	LINK/NEEDLE BAR DRIVE	1	
16	200654	PIN	2	
17	202176	OIL WICK	2	
18	5292	SCREW	2	
19	208621	CAP	1	
20	1457	SCREW	1	
21	200030	O RING	1	
22	204625A	BUSHING	1	
23	212186	OIL WICK	1	
24	208427	NEEDLE BAR CLAMP	1	
25	1170-3	SCREW	1	
26	204627A	BUSHING	1	
27	208617	OIL FELT	1	
28	208616	DUST SHIELD	1	
29	5053	SCREW	2	
30	208903	NEEDLE BAR	1	
31	XXXXXX	NEEDLE HOLDER	1	
32	XXXXXX	NEEDLE HOLDER	1	
33	DCX27	NEEDLE	1	
34	DCX27	NEEDLE		
35	5292	SCREW		
36	204623	NEEDLE BAR COMPLETE	1	
37	3119	NUT	1	
38	XXXXXX	NEEDLE		
39	XXXXXX	NEEDLE HOLDER	1	
40	5292	SCREW	2	
41	204706	RETAINER BRACKET	1	
42	202705A	RETAINER BRACKET	1	
43	5359	SCREW	1	
44	202495	GUIDE	1	
45	200041	GUIDE	1	
46	209068	SPRING	1	
47	W09070-2	SCREW	1	
48	202706A	THREAD TAKEUP	1	
49	1186	SCREW	2	
50	5292	SCREW	2	
51	204707	THREAD GUIDE	1	



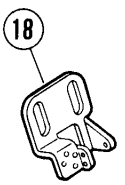




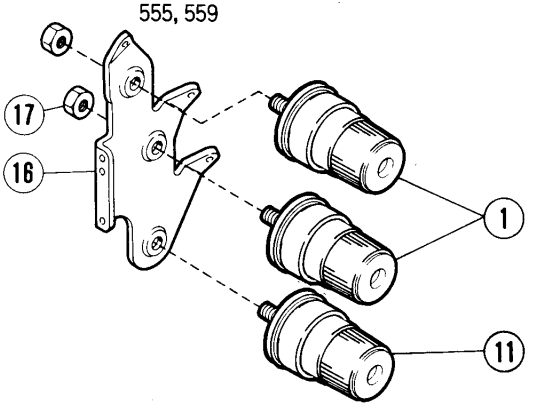


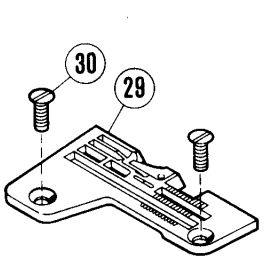


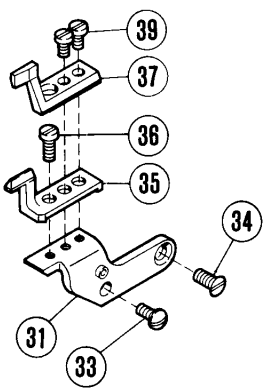
Except 516-4/355, 359
555, 559

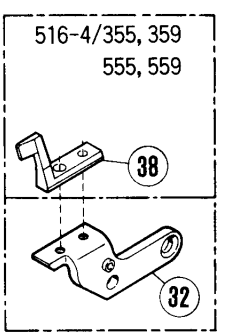


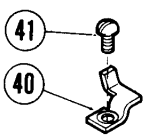
516-4/355, 359
555, 559

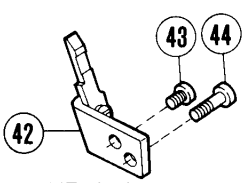






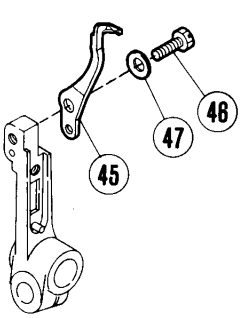






without HR device

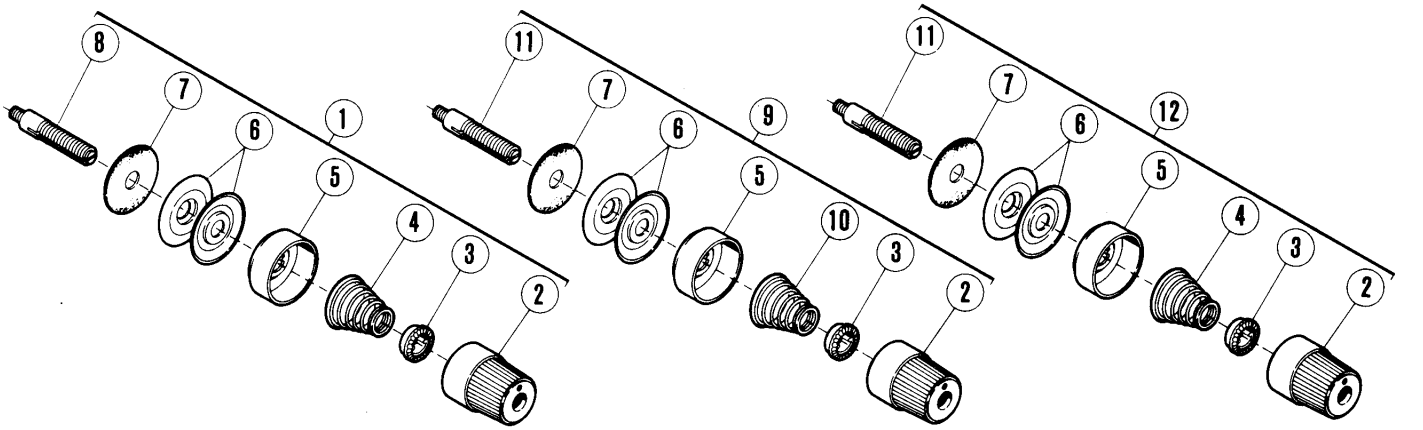
Movable needle guard

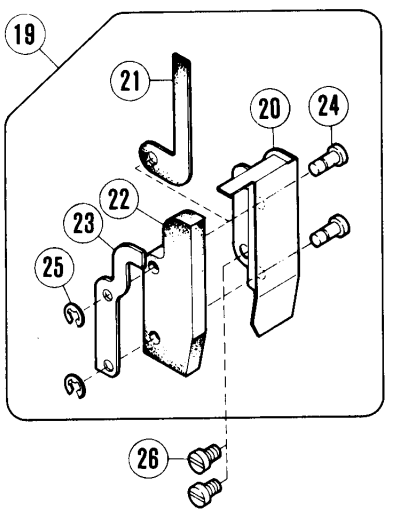


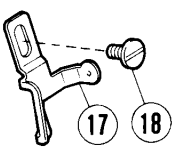
NEEDLE DRIVE MECHANISM (2)

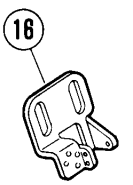
PLEASE NOTE : 「××××××」 is one of the gauge parts. So please refer to pages 74~132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	209174	THREAD TENSION COMPLETE	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
4	201037	SPRING (HEAVY)	1	
5	208450	CUP	1	
6	210319	TENSION DISC	2	
7	208449	FELT	1	
8	5143A	STUD	1	
9	209175	THREAD TENSION COMPLETE	1	
10	201068	SPRING (LIGHT)	1	
11	210529	THREAD TENSION COMPLETE	1	
12	5082A	SCREW STUD	1	
13	208307	TENSION GUIDE	1	
14	5137	NUT	1	
15	208778	THREAD GUIDE	1	
16	209161	TENSION GUIDE	1	
17	5137	NUT	2	
18	208777	THREAD GUIDE	1	
19	208399	THREAD GUIDE	1	
20	4009-1	SCREW	1	
21	208568	NEEDLE BAR LINK COVER COMPLETE	1	
22	208560	NEEDLE BAR LINK COVER	1	
23	208561	OIL FELT	1	
24	208562	OIL FELT	1	
25	208563	OIL FELT PLATE	1	
26	208713	PIN	2	
27	200555	RING	2	
28	5113	SCREW	2	
29	XXXXXX	NEEDLE PLATE	1	
30	1732-HC	SCREW	2	
31	204783	BRACKET	1	
32	209160	BRACKET/NEEDLE GUARD	1	
33	5227	SCREW	1	
34	5107	SCREW	1	
35	204781	NEEDLE GUARD (REAR)	1	
36	5012	SCREW	1	
37	204782	NEEDLE GUARD (FRONT)	1	
38	209159	NEEDLE GUARD (FRONT)	1	
39	5029	SCREW	2	
40	XXXXXX	NEEDLE GUARD	1	
41	5227	SCREW	1	
42	XXXXXX	NEEDLE GUARD	1	
43	1206	SCREW	1	
44	5010	SCREW	1	
45	209009	MOVABLE NEEDLE GUARD	1	
46	5501	SCREW	1	
47	210930	SPRING WASHER	1	

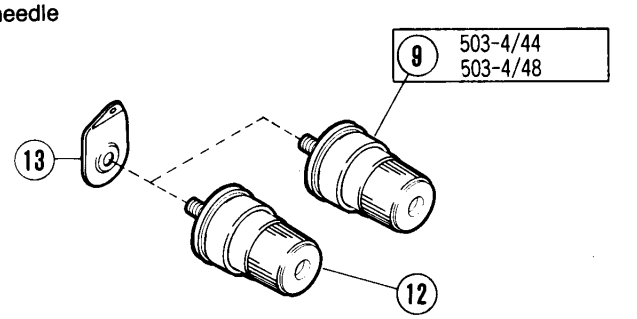




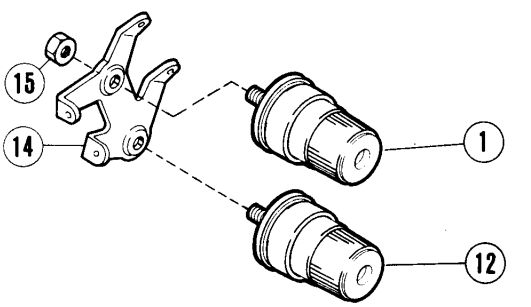


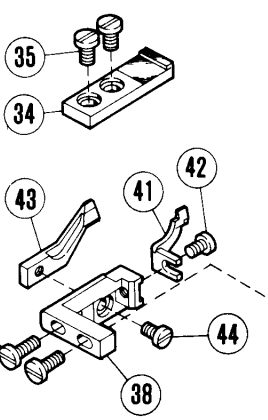


504-4, 503-4, 505-4
1-needle

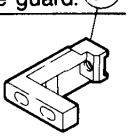


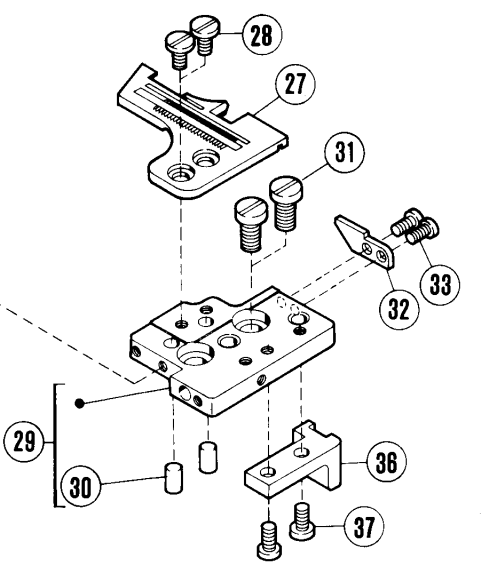
512-4, 514-4
2-needle



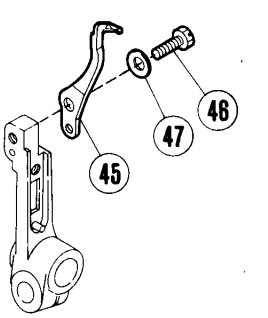


For movable needle guard. 39





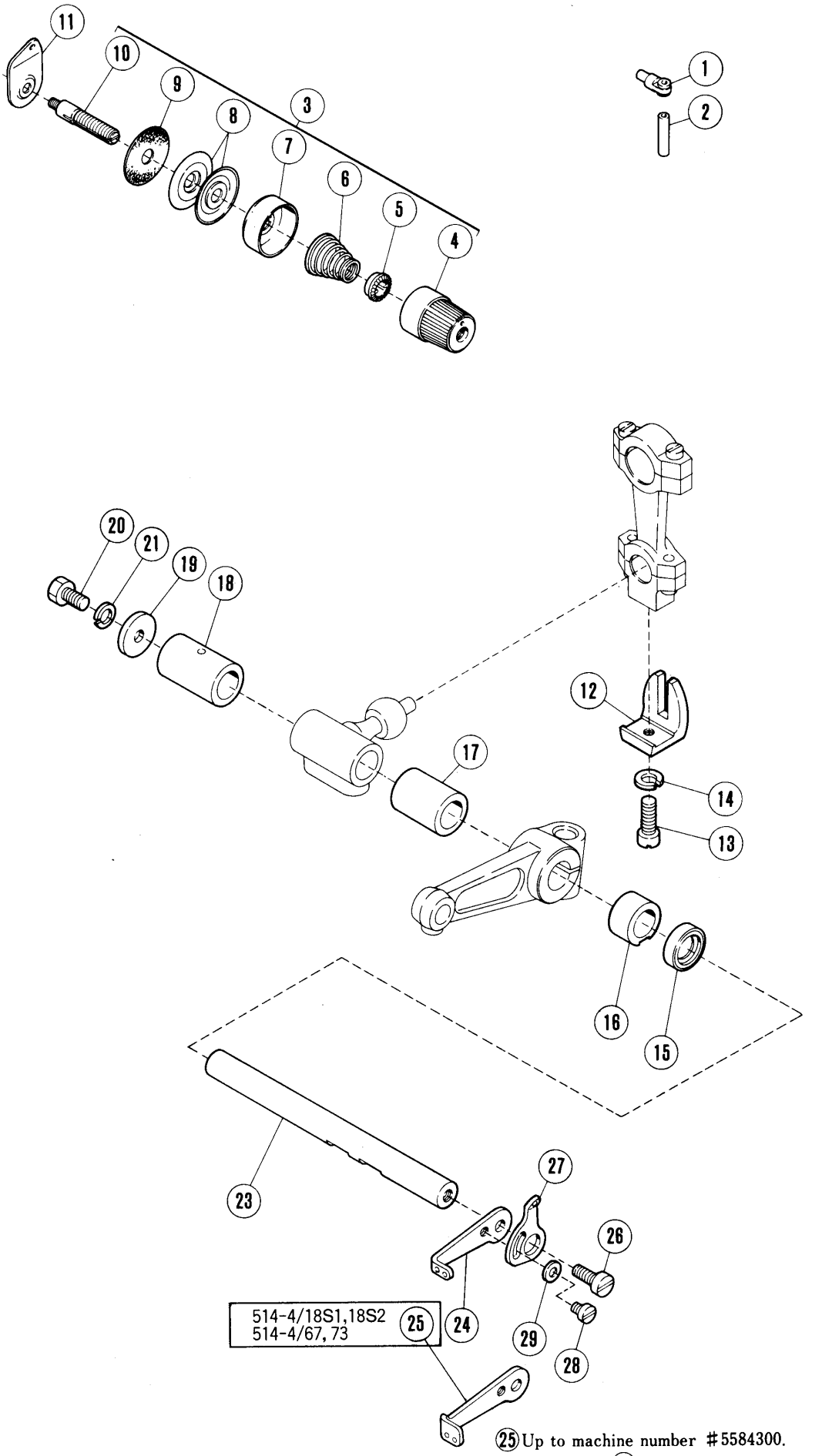
Movable needle guard



NEEDLE DRIVE MECHANISM (3)

PLEASE NOTE : 「××××××」is one of the gauge parts. So please refer to pages 74~132 and confirm the correct parts.

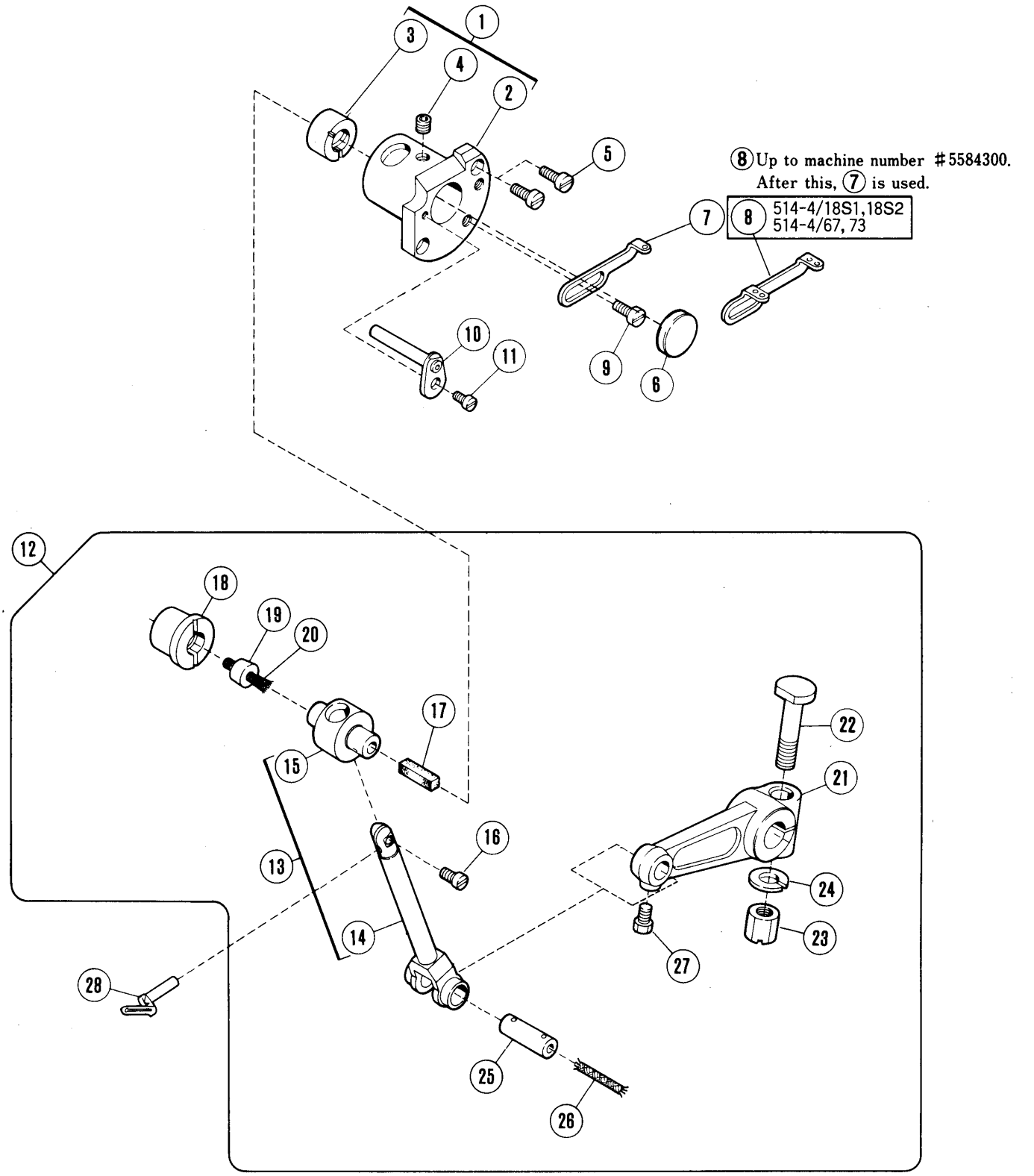
REF. NO.	PART NO.	NAME	QT.	MEMO
1	209174	THREAD TENSION COMPLETE	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
4	201037	SPRING (HEAVY)	1	
5	208450	CUP	1	
6	210319	TENSION DISC	2	
7	208449	FELT	1	
8	5143A	STUD	1	
9	210531	THREAD TENSION COMPLETE	1	
10	201068	SPRING (LIGHT)	1	
11	5082A	SCREW STUD	1	
12	210529	THREAD TENSION COMPLETE	1	
13	202849	TENSION GUIDE	1	
14	208307	TENSION GUIDE	1	
15	5137	NUT	1	
16	208777	THREAD GUIDE	1	
17	208400	THREAD GUIDE	1	
18	4009-1	SCREW	1	
19	208568	NEEDLE BAR LINK COVER COMPLETE	1	
20	208560	NEEDLE BAR LINK COVER	1	
21	208561	OIL FELT	1	
22	208562	OIL FELT	1	
23	208563	OIL FELT PLATE	1	
24	208713	PIN	2	
25	200555	RING	2	
26	5113	SCREW	2	
27	XXXXXX	NEEDLE PLATE	1	
28	4009-1HC	SCREW	2	
29	204750	BRACKET/NEEDLE PLATE	1	
30	204630	PIN	2	
31	5357	SCREW	2	
32	204631	KEY	1	
33	5142	SCREW	1	
34	208935	SUPPORT/NEEDLE PLATE	1	
35	5091	SCREW	1	
36	204762	BASE/EDGE GUIDE	1	
37	5091	SCREW	2	
38	204636	BRACKET/NEEDLE DUARD	1	
39	204636A	BRACKET/NEEDLE DUARD	1	
40	1175-3	SCREW	2	
41	XXXXXX	NEEDLE GUARD (FRONT)	1	
42	1206	SCREW	1	
43	XXXXXX	NEEDLE GUARD (REAR)	1	
44	1206	SCREW	1	
45	209009	MOVABLE NEEDLE GUARD	1	
46	5501	SCREW	1	
47	210930	SPRING WASHER	1	



(25) Up to machine number #5584300.
After this, (24) is used.

UPPER LOOPER DRIVE MECHANISM (1)

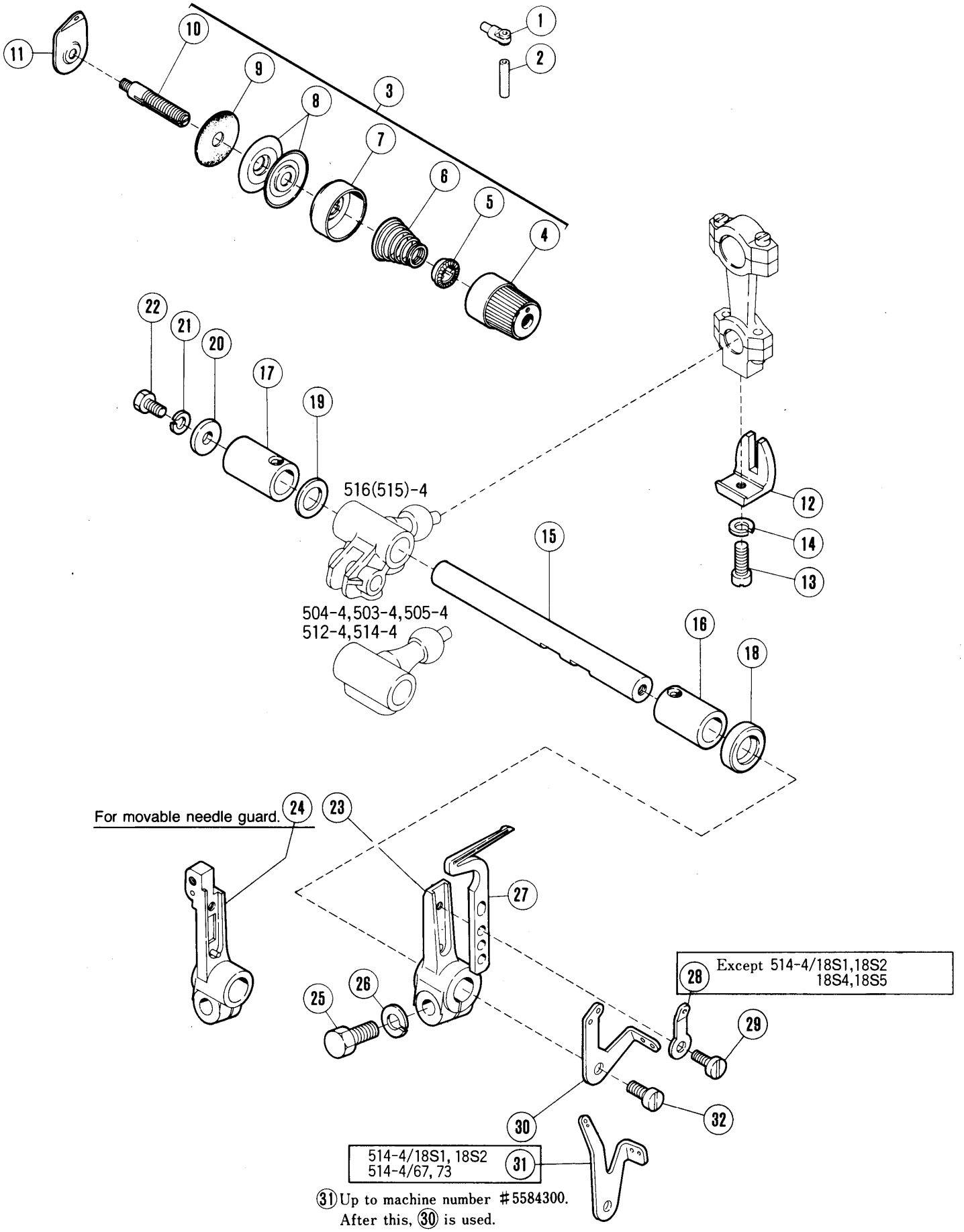
REF. NO.	PART NO.	NAME	QT.	MEMO
1	201048A	THREAD EYELET	1	
2	201072A	PIPE	1	
3	210531	THREAD TENSION COMPLETE	1	
4	208447	POST NUT	1	
5	208448	SPRING BUSHING	1	
6	201068	SPRING (LIGHT)	1	
7	208450	CUP	1	
8	210319	TENSION DISC	2	
9	208449	FELT	1	
10	5082A	SCREW STUD	1	
11	202849	TENSION GUIDE	1	
12	201074A	GUIDE	1	
13	5546	SCREW	1	
14	202286	SPRING WASHER	1	
15	204052A	OIL SEAL	1	
16	208292	BUSHING	1	
17	210297	BUSHING	1	
18	208429	BUSHING (REAR)	1	
19	204107	WASHER	1	
20	2193	SCREW	1	
21	202286	SPRING WASHER	1	
23	210281	SHAFT/LOWER LOOPER	1	
24	208445	THREAD TAKEUP/UPPER LOOPER	1	
25	208979	THREAD TAKEUP/UPPER LOOPER	1	
26	2902	SCREW	1	
27	204902	AUXILIARY THREAD TAKEUP	1	
28	2921	SCREW	1	
29	202875	WASHER	1	


⑧ Up to machine number #5584300.
After this, ⑦ is used.
⑧ 514-4/18S1,18S2
514-4/67, 73

UPPER LOOPER DRIVE MECHANISM (2)

PLEASE NOTE : 「××××××」is one of the gauge parts. So please refer to pages 74～132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	209250	HOUSING ASSEMBLY	1	
2	208937	HOUSING	1	
3	210109	BUSHING	1	
4	5408	SCREW	1	
5	1175-2	SCREW	2	
6	208173	PLUG	1	
7	204905	THREAD GUIDE	1	
8	208980	THREAD GUIDE (LOWER)	1	
9	2905	SCREW	1	
10	204903	THREAD TUBE	1	
11	5012	SCREW	1	
12	209389-91Y	UPPER LOOPER HOLDER	1	
13	208976	UPPER LOOPER HOLDER ASSEMBLY	1	
14	208974	UPPER LOOPER HOLDER	1	
15	210107	GUIDE/UPPER LOOPER HOLDER	1	
16	1998-2	SCREW	1	
17	204274	OIL WICK	2	
18	208938	BUSHING (REAR)	1	
19	208592	CAP	1	
20	202176	OIL WICK	1	
21	204055B	CRANK/UPPER LOOPER	1	
22	5239	SCREW	1	
23	5286	NUT	1	
24	202045	SPRING WASHER	1	
25	208258	PIN	1	
26	202176	OIL WICK	1	
27	5084	SCREW	1	
28	XXXXXX	UPPER LOOPER	1	

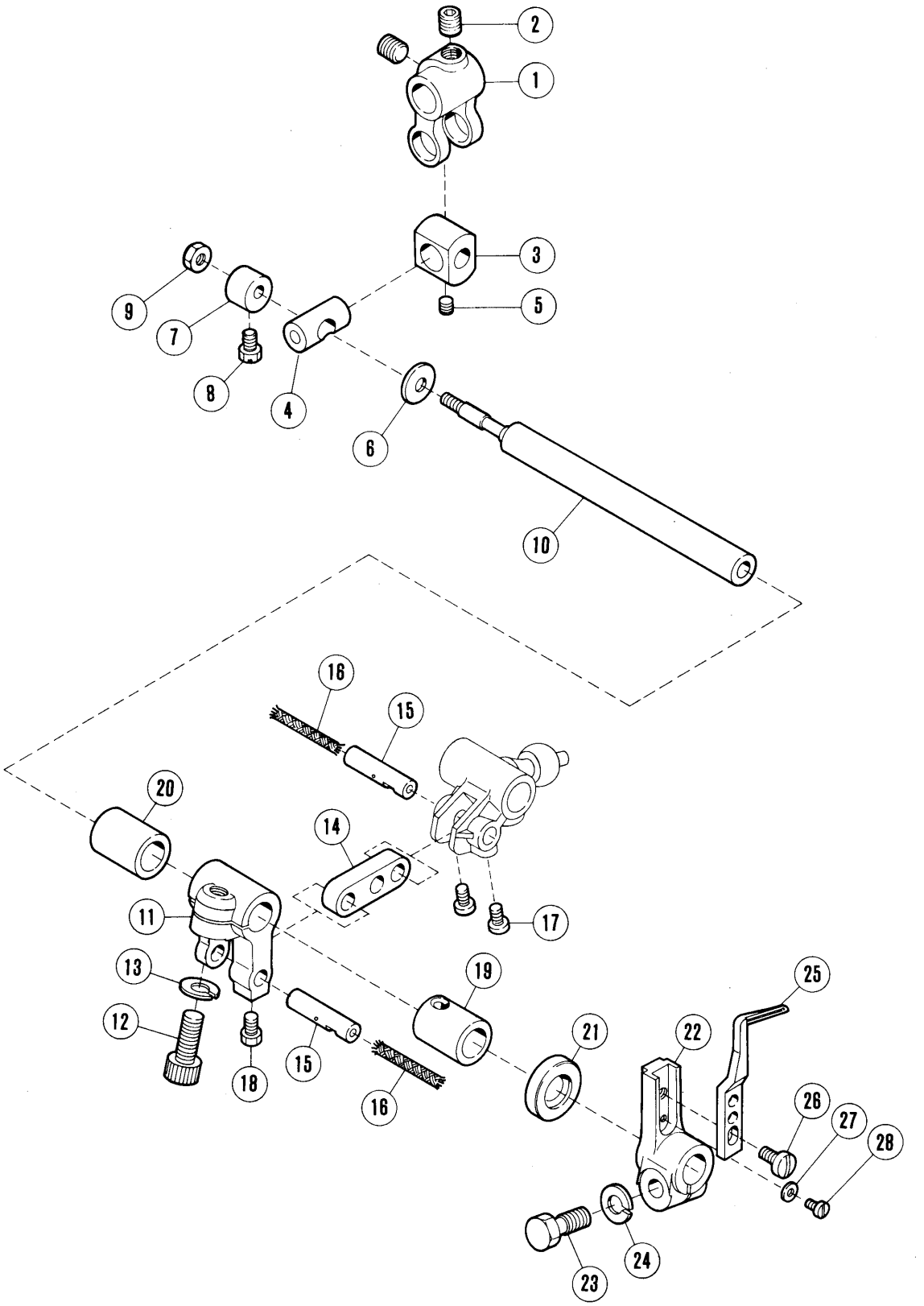


(31) Up to machine number #5584300.
After this, (30) is used.

LOWER LOOPER DRIVE MECHANISM

PLEASE NOTE : 「××××××」 is one of the gauge parts. So please refer to pages 74～132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	201048A	THREAD EYELET	1	
2	201072A	PIPE	1	
3	210530	THREAD TENSION COMPLETE	1	
4	208447	POST NUT	1	
5	208448	SPRING BUSHING	1	
6	201086	SPRING (MEDIUM)	1	
7	208450	CUP	1	
8	210319	TENSION DISC	2	
9	208449	FELT	1	
10	5082A	SCREW STUD	1	
11	202849	TENSION GUIDE	1	
12	201074A	GUIDE	1	
13	5546	SCREW	1	
14	202286	SPRING WASHER	1	
15	210281	SHAFT/LOWER LOOPER	1	
16	210124	BUSHING	1	
17	210125	BUSHING	1	
18	210586	OIL SEAL	1	
19	240102	WASHER	1	
20	204107	WASHER	1	
21	202286	SPRING WASHER	1	
22	2193	SCREW	1	
23	204664	LOWER LOOPER HOLDER	1	
24	209007	LOWER LOOPER LEVER	1	
25	5284	SCREW	1	
26	204293	SPRING WASHER	1	
27	XXXXXX	LOWER LOOPER	1	
28	210353	THREAD GUIDE	1	
29	1175-3	SCREW	1	
30	204901	THREAD TAKEUP	1	
31	208981	THREAD TAKEUP/LOWER LOOPER	1	
32	2902	SCREW	1	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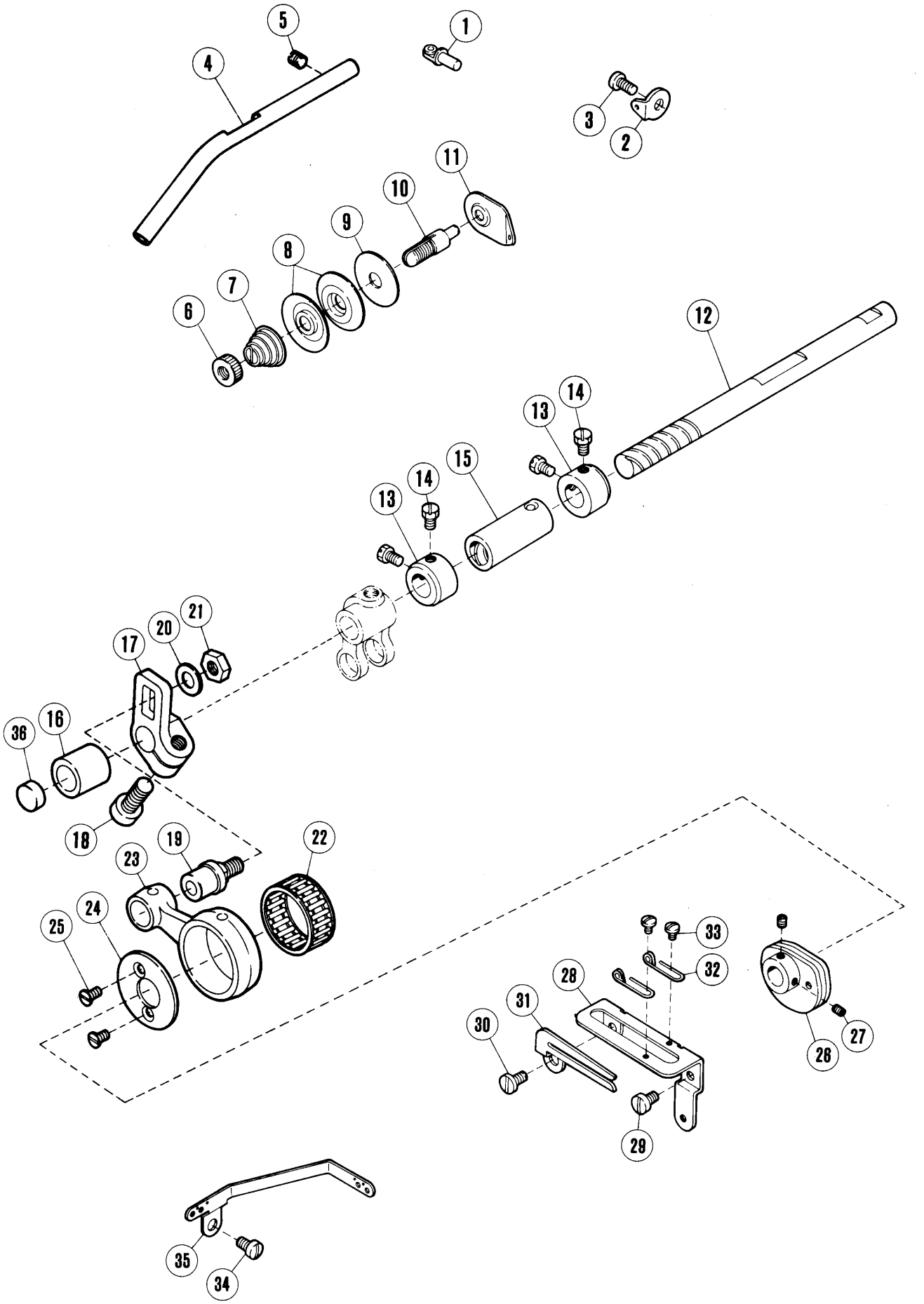
CHAINSTITCH LOOPER DRIVE MECHANISM (1)

PLEASE NOTE : 「×××××」is one of the gauge parts. So please refer to pages 74～132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208025	LINK/LOOPER AVOIDING	1	
2	5385	SCREW	2	
3	208027	BLOCK	1	
4	208026	PIN	1	
5	5292	SCREW	1	
6	208028	WASHER	1	
7	208029	COLLAR	1	
8	5084	SCREW	1	
9	4802	NUT	1	
10	208196	SHAFT/LOOPER DRIVE	1	
11	210294	CRANK/LOOPER DRIVE	1	
12	5457	SCREW	1	
13	204293	SPRING WASHER	1	
14	208194	LINK/LOOPER DRIVE	1	
15	208195	PIN	2	
16	202176	OIL WICK	2	
17	5328	SCREW	2	
18	5084	SCREW	1	
19	210296	BUSHING	1	
20	210297	BUSHING	1	
21	210586	OIL SEAL	1	
22	204093	LEVER	1	
23	5284	SCREW	1	
24	204293	SPRING WASHER	1	
25	XXXXXX	LOOPER	1	
26	1189	SCREW	1	
27	204172	WASHER	1	
28	2922	SCREW	1	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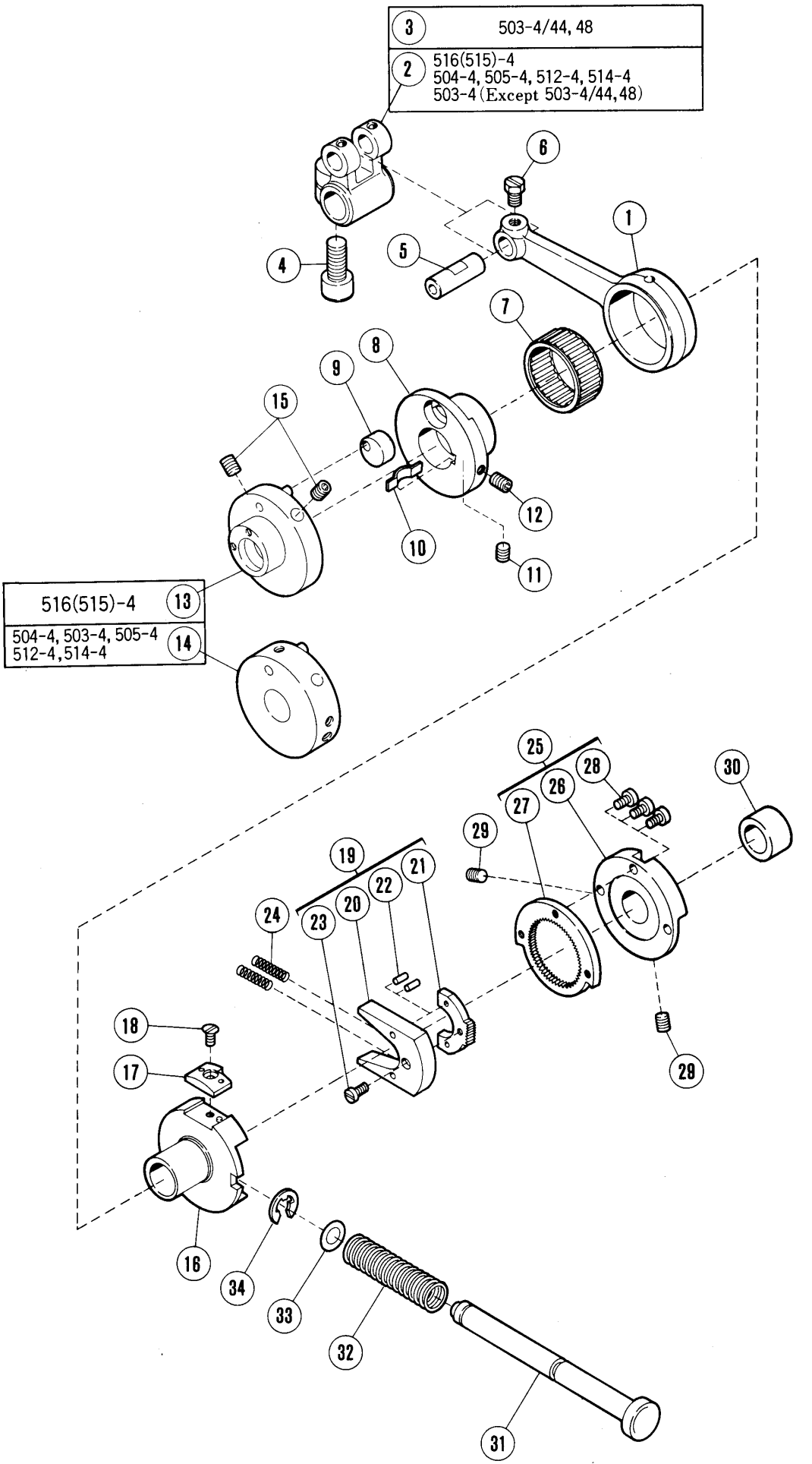
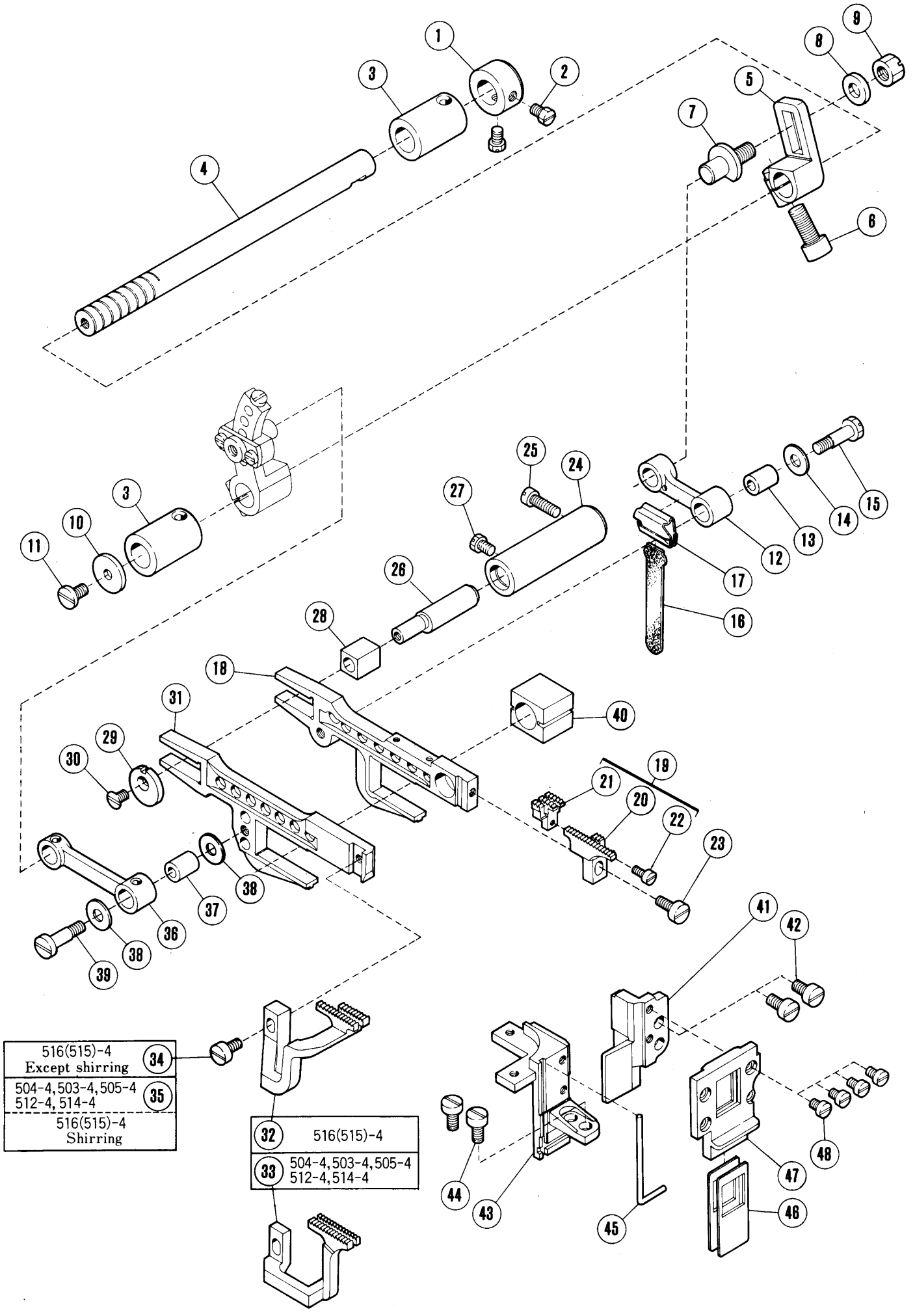
CHAINSTITCH LOOPER DRIVE MECHANISM (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	201048A	THREAD EYELET	1	
2	167079	THREAD EYELET	1	
3	5091	SCREW	1	
4	204099	PIPE	1	
5	1457	SCREW	1	
6	3056	NUT	1	
7	167077	SPRING	1	
8	210319	TENSION DISC	2	
9	208449	FELT	1	
10	167072	TENSION POST	1	
11	202849	TENSION GUIDE	1	
12	204874	SHAFT/LOOPER AVOIDING	1	
13	201056	COLLAR	2	
14	5084	SCREW	4	
15	204089	BUSHING	1	
16	210292	BUSHING	1	
17	210287	CRANK/LOOPER AVOIDING	1	
18	5457	SCREW	1	
19	210285	PIN	1	
20	208286	WASHER	1	
21	5455	NUT	1	
22	205015	NEEDLE BEARING	1	
23	210284	CONNECTION/LOOPER AVOIDING	1	
24	210283	COLLAR	1	
25	5259	SCREW	2	
26	204095A	THREAD TAKEUP	1	
27	5292	SCREW	2	
28	204097A	BRACKET	1	
29	5113	SCREW	1	
30	4009-1	SCREW	1	
31	204096	THREAD TAKEUP	1	
32	204324	THREAD EYELET	2	
33	5077	SCREW	2	
34	5113	SCREW	1	
35	208362	THREAD GUIDE	1	
36	205088	PLUG	1	


3 503-4/44, 48
2 516(515)-4
504-4, 505-4, 512-4, 514-4
503-4 (Except 503-4/44,48)
516(515)-4 13
504-4, 503-4, 505-4
512-4,514-4 14

FEED MECHANISM (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204100	CONNECTION	1	
2	204085	CRANK/FEED DRIVE	1	
3	208333	CRANK/FEED DRIVE	1	
4	5381	SCREW	1	
5	205495	PIN	1	
6	5084	SCREW	1	
7	204084	NEEDLE BEARING	1	
8	210127	ECCENTRIC/FEED DRIVE	1	
9	210129	GUIDE/FEED ECCENTRIC	1	
10	210130	FLAT SPRING	1	
11	5292	SCREW	1	
12	5427	SCREW	1	
13	210282A	ECCENTRIC/LOOPER AVOIDING	1	
14	210128A	FEED ECCENTRIC RETAINER	1	
15	5461	SCREW	2	
16	211802A	ECCENTRIC/FEED REGULATING	1	
17	211804	STOPPER	1	
18	5437	SCREW	1	
19	208411	FEED REGULATING RATCHET	1	
20	208413	BRACKET	1	
21	208412	RATCHET	1	
22	206781	PIN	2	
23	5336	SCREW	1	
24	208415	SPRING	2	
25	210136	RATCHET WHEEL COMPLETE	1	
26	211807	BRACKET	1	
27	211806	WHEEL	1	
28	5157	SCREW	3	
29	5461	SCREW	2	
30	208944	SPACER	1	
31	209304	PUSH BUTTON	1	
32	208421	SPRING	1	
33	208949	O RING	1	
34	202522	RING	1	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516(515)-4
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516(515)-4
Shirring
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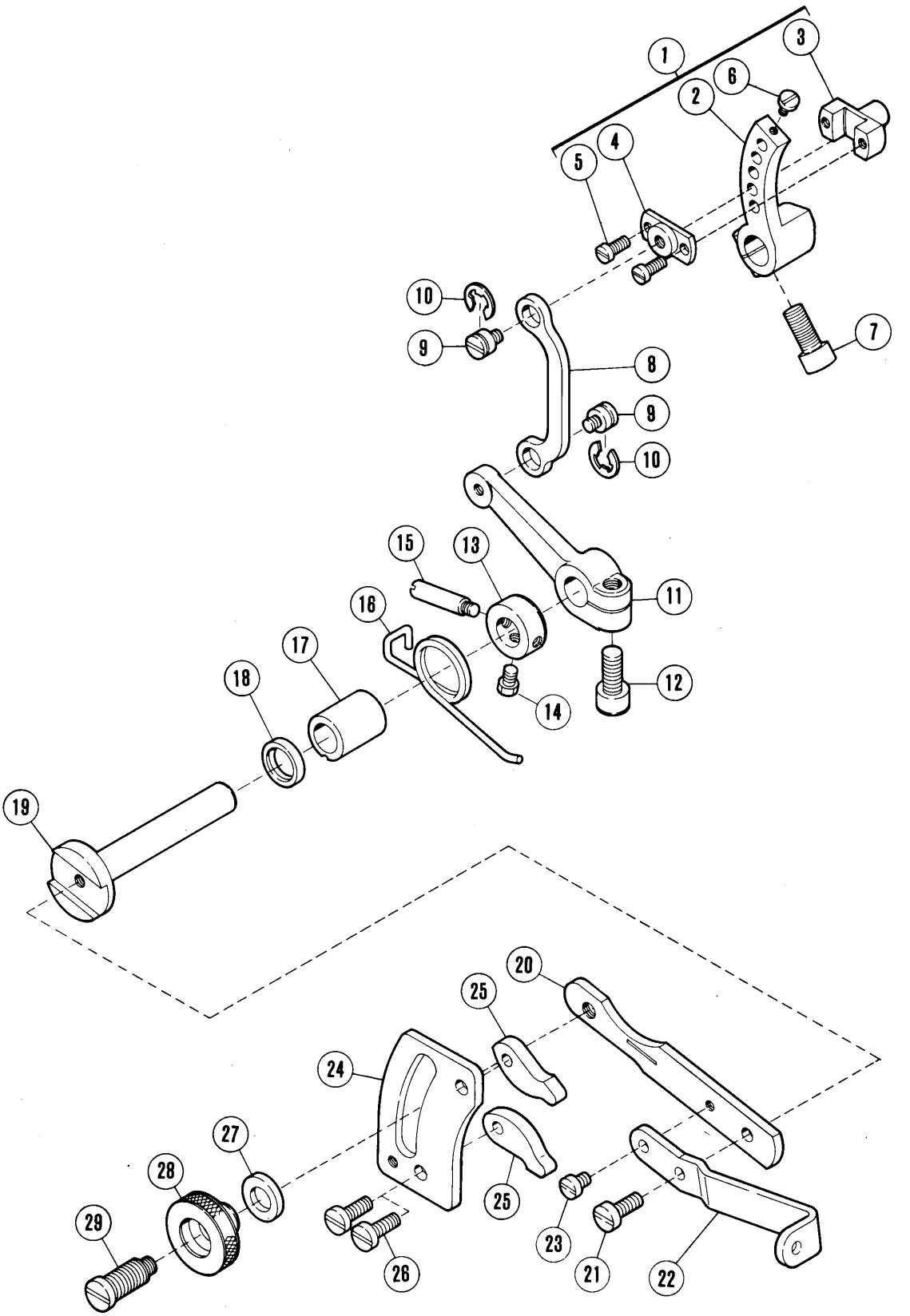
512-4,514-4

FEED MECHANISM (2)

PLEASE NOTE : 「××××××」 is one of the gauge parts. So please refer to pages 74~132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	201056	COLLAR	1	
2	5084	SCREW	2	
3	209169	BUSHING	2	
4	204751	SHAFT	1	
5	208284	CRANK/MAIN FEED	1	
6	5381	SCREW	1	
7	208285	SCREW	1	
8	208286	WASHER	1	
9	5455	NUT	1	
10	204107	WASHER	1	
11	4009-1	SCREW	1	
12	204111A	LINK/MAIN FEED	1	
13	204114	BUSHING	1	
14	204115	WASHER	1	
15	5231	SCREW	1	
16	204618	OIL WICK	1	
17	204588	RETAINER	1	
18	204123A	MAIN FEED BAR	1	
19	XXXXXX	MAIN FEED DOG COMPLETE	1	
20	XXXXXX	MAIN FEED DOG	1	
21	XXXXXX	AUXILIARY FEED DOG	1	
22	2922	SCREW	1	
23	1175-2	SCREW	1	
24	204129A	BUSHING	1	
25	2133-1	SCREW	1	
26	204128A	PIN	1	
27	5084	SCREW	1	
28	205857	BLOCK/FEED BAR GUIDE	1	
29	204439A	WASHER	1	
30	5317	SCREW	1	
31	204124	DIFFERENTIAL FEED BAR	1	
32	XXXXXX	DIFFERENTIAL FEED DOG	1	
33	XXXXXX	DIFFERENTIAL FEED DOG	1	
34	1175-3	SCREW	1	
35	1189	SCREW	1	
36	204122	LINK/DIFFERENTIAL FEED	1	
37	204114	BUSHING	1	
38	204115	WASHER	2	
39	5231	SCREW	1	
40	204810	BLOCK/FEED BAR LIFT	1	
41	208108	GUIDE (RIGHT)/FEED BAR	1	
42	5205	SCREW	2	
43	208952	GUIDE (LEFT)/FEED BAR	1	
44	5205	SCREW	2	
45	208168	GASKET	1	
46	208109	OIL SHIELD/FEED BAR GUIDE	2	
47	208625	INSERT PLATE	1	
48	5346	SCREW	4	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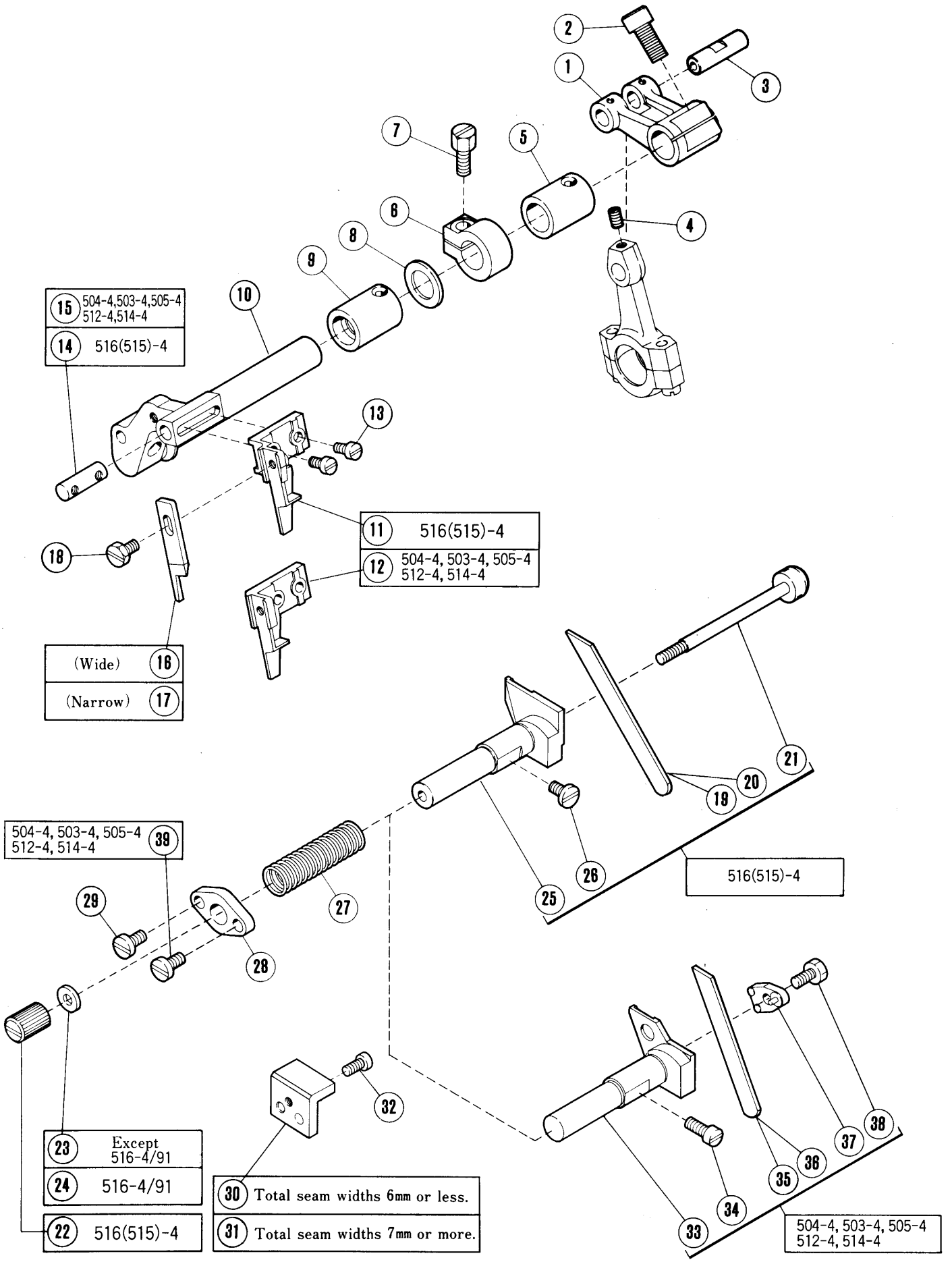
FEED MECHANISM (3)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208273	REGULATOR COMPLETE/DIFF. FEED	1	
2	208274	CRANK	1	
3	208275	BLOCK	1	
4	208276	COVER	1	
5	5029	SCREW	2	
6	5141	SCREW	1	
7	5381	SCREW	1	
8	204140A	LINK/DIFF. FEED REGULATING	1	
9	5316	SCREW	2	
10	202522	RING	2	
11	204139A	LEVER/DIFF. FEED REGULATING	1	
12	5381	SCREW	1	
13	204754A	COLLAR	1	
14	5084	SCREW	1	
15	204757	PIN	1	
16	204756	SPRING	1	
17	210164	BUSHING	1	
18	204052A	OIL SEAL	1	
19	204752	SHAFT	1	
20	204755	LEVER/DIFF. FEED REGULATING	1	
21	5118	SCREW	1	
22	204883	LEVER	1	
23	1216	SCREW	1	
24	204142B	REGULATING PLATE	1	
25	204143A	STOPPER	2	
26	5118	SCREW	2	
27	202868	WASHER	1	
28	204870	THUMB NUT	1	
29	5321A	SCREW	1	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(Wide) 16
(Narrow) 17
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516(515)-4
504-4, 503-4, 505-4 512-4, 514-4 39
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23 Except 516-4/91
24 516-4/91
22 516(515)-4
30 Total seam widths 6mm or less.
31 Total seam widths 7mm or more.
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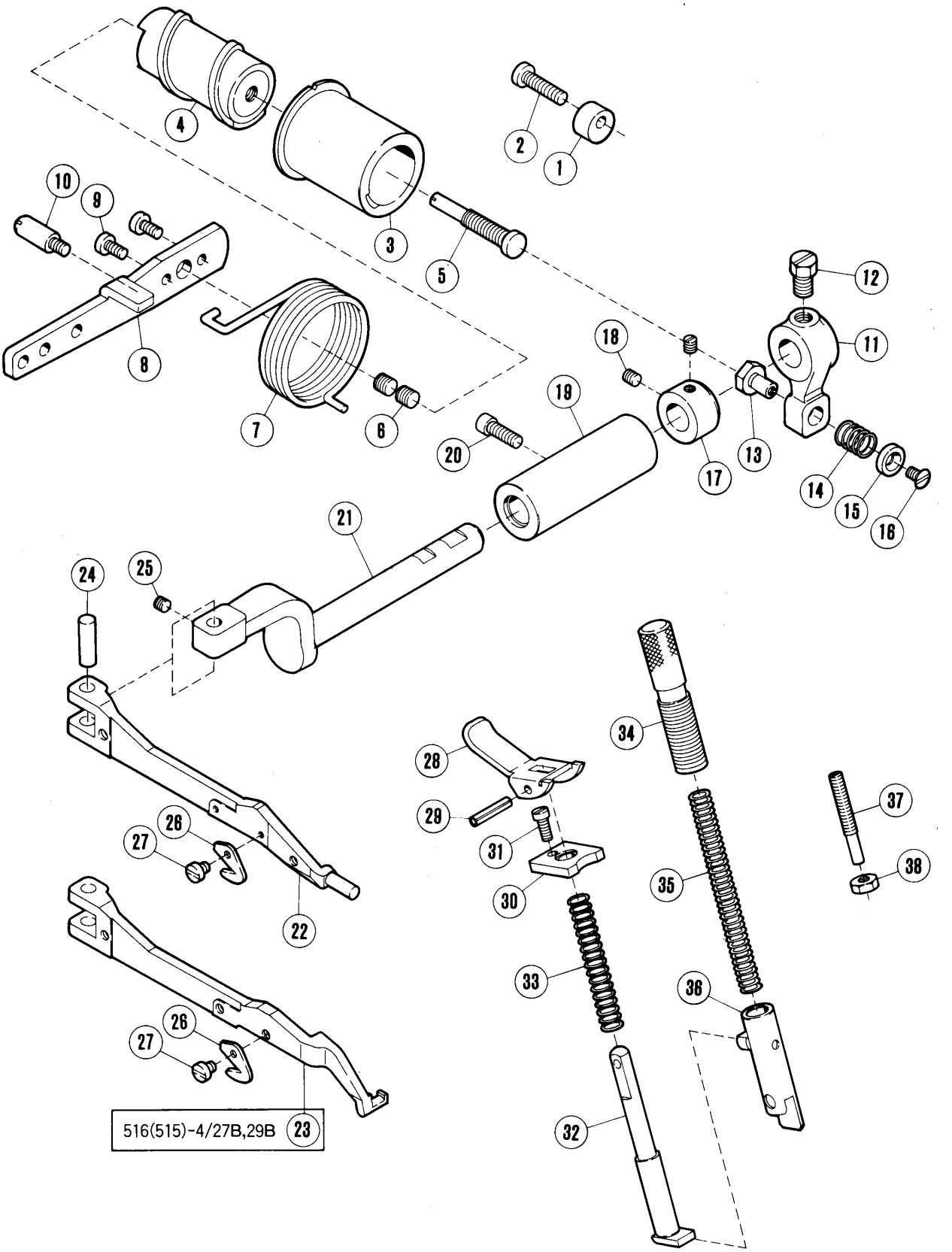
504-4, 503-4, 505-4 512-4, 514-4

KNIFE DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204147	CRANK/UPPER KNIFE	1	
2	5381	SCREW	1	
3	204146	PIN	1	
4	1458	SCREW	1	
5	210067	BUSHING	1	
6	206181B	COLLAR	1	
7	5001	SCREW	1	
8	208235	WASHER	1	
9	204149	BUSHING	1	
10	208693	UPPER KNIFE LEVER	1	
11	208402	UPPER KNIFE CLAMP	1	
12	204638	UPPER KNIFE CLAMP	1	
13	1175-2	SCREW	2	
14	204154	PIN	1	
15	204796	PIN	1	
16	201121A	UPPER KNIFE	1	
17	202527A	UPPER KNIFE (NARROW)	1	
18	5088	SCREW	1	
19	204161	LOWER KNIFE	1	
20	204351	LOWER KNIFE	1	
21	204162	CLAMP STUD/LOWER KNIFE	1	
22	5260	NUT	1	
23	200098	WASHER	1	
24	209173	WASHER	1	
25	208404	LOWER KNIFE HOLDER	1	
26	4009-1	SCREW	1	
27	204158	SPRING	1	
28	204159	STOPPER	1	
29	5117	SCREW	1	
30	204160A	GUIDE/LOWER BAR	1	
31	208096	GUIDE/LOWER KNIFE HOLDER	1	
32	1175-2	SCREW	1	
33	208851	LOWER KNIFE HOLDER	1	
34	5002	SCREW	1	
35	202295	LOWER KNIFE/THICK	1	
36	201127	LOWER KNIFE/THIN	1	
37	210184	CLAMP/LOWER KNIFE	1	
38	2193	SCREW	1	
39	5117	SCREW	1	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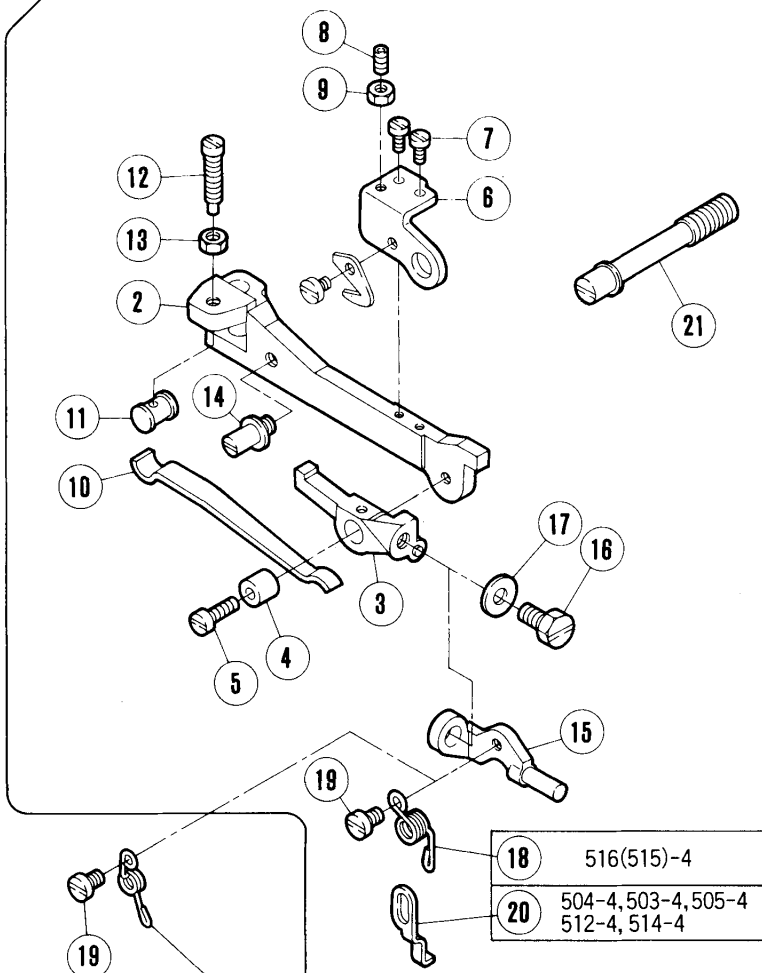
516(515)-4/27B,29B

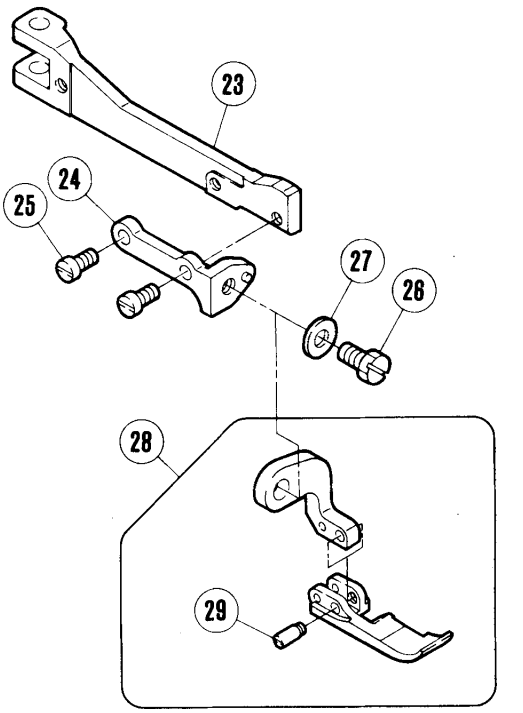
PRESSER FOOT MECHANISM (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	202683	STOPPER	1	
2	5118	SCREW	1	
3	204930	BUSHING	1	
4	204929	FOOT LIFT CAM	1	
5	208316	SCREW	1	
6	2913-2	SCREW	2	
7	204178	SPRING	1	
8	204177B	LEVER/FOOT LIFT	1	
9	1202	SCREW	2	
10	5232	SCREW	1	
11	208313	LEVER/INTERMEDIATE	1	
12	2022-4	SCREW	1	
13	208314	PIN	1	
14	208315	SPRING	1	
15	202757A	WASHER	1	
16	5317	SCREW	1	
17	201056	COLLAR	1	
18	1457	SCREW	2	
19	208535	BUSHING	1	
20	2133-1	SCREW	1	
21	208534	SHAFT/FOOT LIFT	1	
22	208526	PRESSER ARM	1	
23	209337	PRESSER ARM	1	
24	208549	PIN	1	
25	1457-1	SCREW	1	
26	202451	CHAIN CUTTER	1	
27	2921	SCREW	1	
28	208598	LEVER/HAND LIFT	1	
29	202647A	PIN	1	
30	208599	BUSHING	1	
31	5029	SCREW	1	
32	202645	PLUNGER	1	
33	201395	SPRING	1	
34	208774	THUMB SCREW	1	
35	208773	SPRING	1	
36	208537	PRESSER BAR COMPLETE	1	
37	5271	SCREW	1	
38	3044	NUT	1	

Floating presser atm



504-4/260



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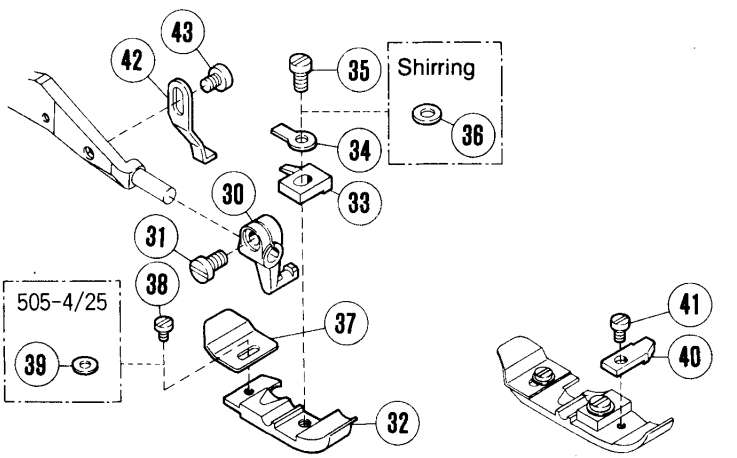
512-4, 514-4

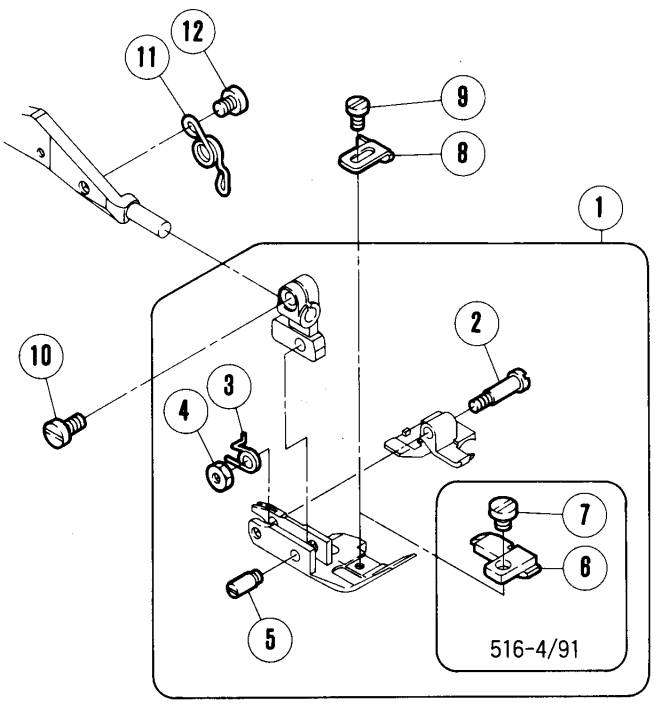


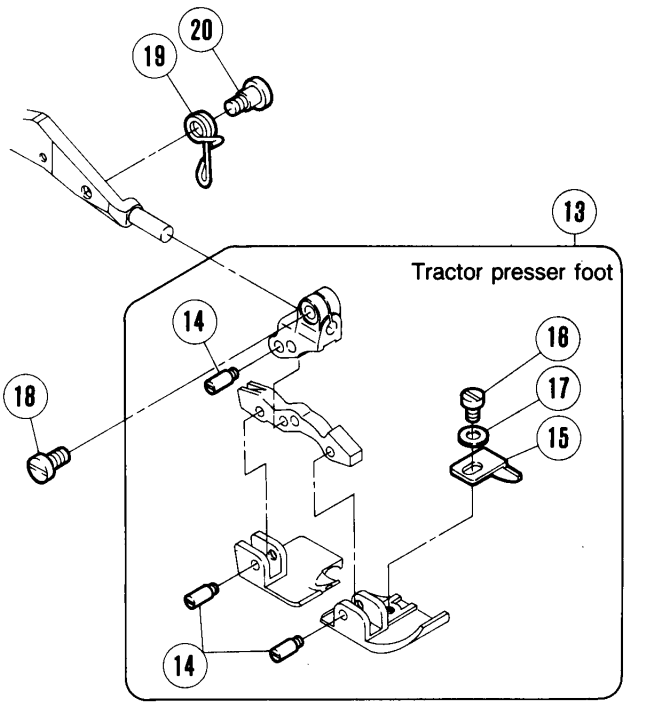
PRESSER FOOT MECHANISM (2)

PLEASE NOTE : 「××××××」is one of the gauge parts. So please refer to pages 74～132 and confirm the correct parts.

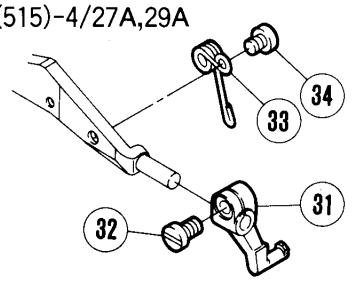
REF. NO.	PART NO.	NAME	QT.	MEMO
1	209307	PRESSER ARM COMPLETE	1	
2	209308	PRESSER ARM	1	
3	209309	LEVER	1	
4	211511	BUSHING	1	
5	5003	SCREW	1	
6	209311	LEVER HOLDER	1	
7	2922	SCREW	2	
8	5427	SCREW	1	
9	5409	NUT	1	
10	211514	FLAT SPRING	1	
11	209312	SPRING GUIDE	1	
12	5538	SCREW	1	
13	3091	NUT	1	
14	209313	SCREW	1	
15	211516	BRACKET	1	
16	2193	SCREW	1	
17	201185	WASHER	1	
18	211517	SPRING	1	
19	2921	SCREW	1	
20	209314	STOPPER/PRESSER FOOT	1	
21	5552	SCREW	1	
22	211944	SPRING	1	
23	209232	PRESSER ARM	1	
24	209230	BRACKET	1	
25	1196	SCREW	2	
26	2193	SCREW	1	
27	201185	WASHER	1	
28	209226	PRESSER FOOT COMPLETE	1	
29	209229-B	SCREW	1	
30	208525-B	BRACKET/PRESSER FOOT	1	
31	5328	SCREW	1	
32	XXXXXX	PRESSER FOOT	1	
33	XXXXXX	PRESSER FOOT FINGER	1	
34	201156	SET PLATE/PRESSER FOOT	1	
35	5089	SCREW	1	
36	202588	WASHER	1	
37	XXXXXX	PRESSER FOOT UNCURLER	1	
38	5030	SCREW	1	
39	210585	WASHER	1	
40	XXXXXX	FABRIC GUARD	1	
41	1231	SCREW	1	
42	208547	REGULATOR	1	
43	2921	SCREW	1	

516(515)-4

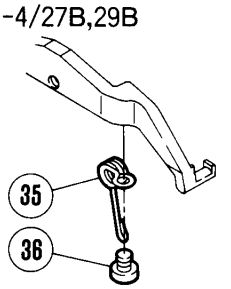


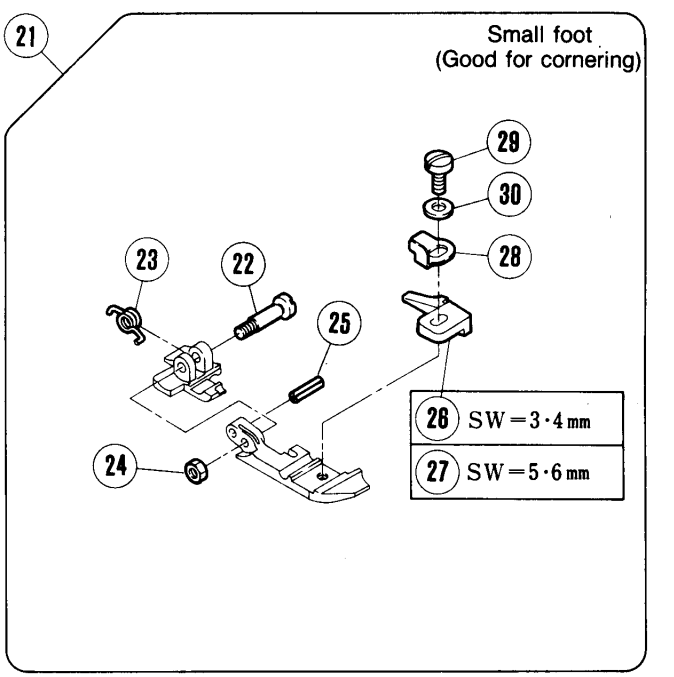


516(515)-4/27A,29A



516(515)-4/27B,29B

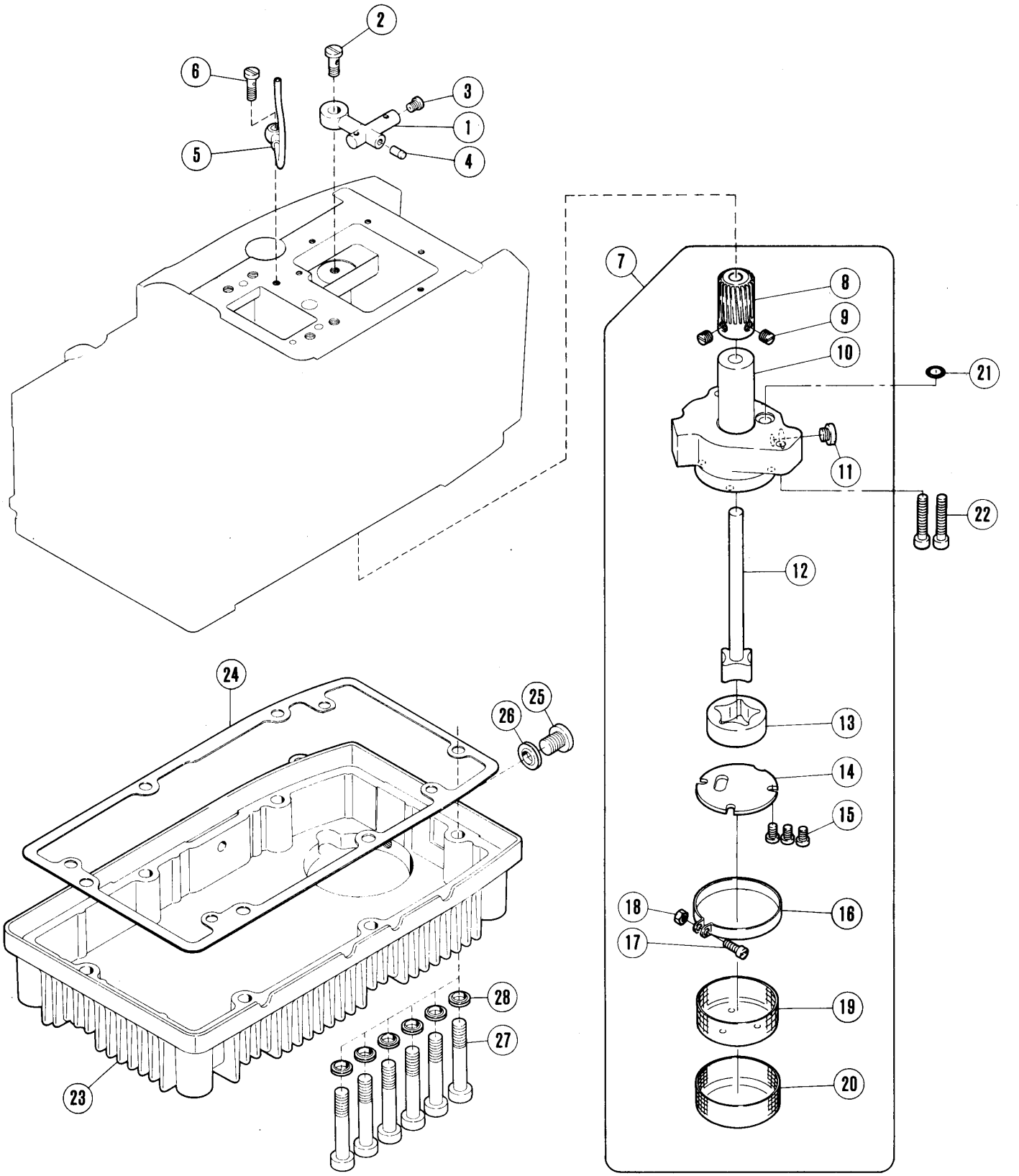




PRESSER FOOT MECHANISM (3)

PLEASE NOTE : 「××××××」 is one of the gauge parts. So please refer to pages 74～132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	XXXXXX	PRESSER FOOT COMPLETE	1	
2	208528-B	SCREW	1	
3	208913	SPRING	1	
4	5409	NUT	1	
5	208958-B	SCREW	1	
6	208891	PRESSER FOOT FINGER	1	
7	2921	SCREW	1	
8	XXXXXX	FABRIC GUARD	1	
9	5030	SCREW	1	
10	5328	SCREW	1	
11	208529	SPRING	1	
12	2921	SCREW	1	
13	XXXXXX	PRESSER FOOT COMPLETE	1	
14	208958-B	SCREW	3	
15	204683	FABRIC GUARD	1	
16	5157	SCREW	1	
17	202875	WASHER	1	
18	5328	SCREW	1	
19	208978	SPRING	1	
20	5291	SCREW	1	
21	XXXXXX	PRESSER FOOT COMPLETE	1	
22	211919	PIN	1	
23	211918	SPRING	1	
24	3150	NUT	1	
25	211920	PIN	1	
26	211915	PRESSER FOOT FINGER	1	
27	211916	PRESSER FOOT FINGER	1	
28	211917	BRACKET	1	
29	5089	SCREW	1	
30	300248	WASHER	1	
31	211905	BRACKET/PRESSER FOOT	1	
32	5328	SCREW	1	
33	209338	SPRING	1	
34	2921	SCREW	1	
35	211904	SPRING	1	
36	2921	SCREW	1	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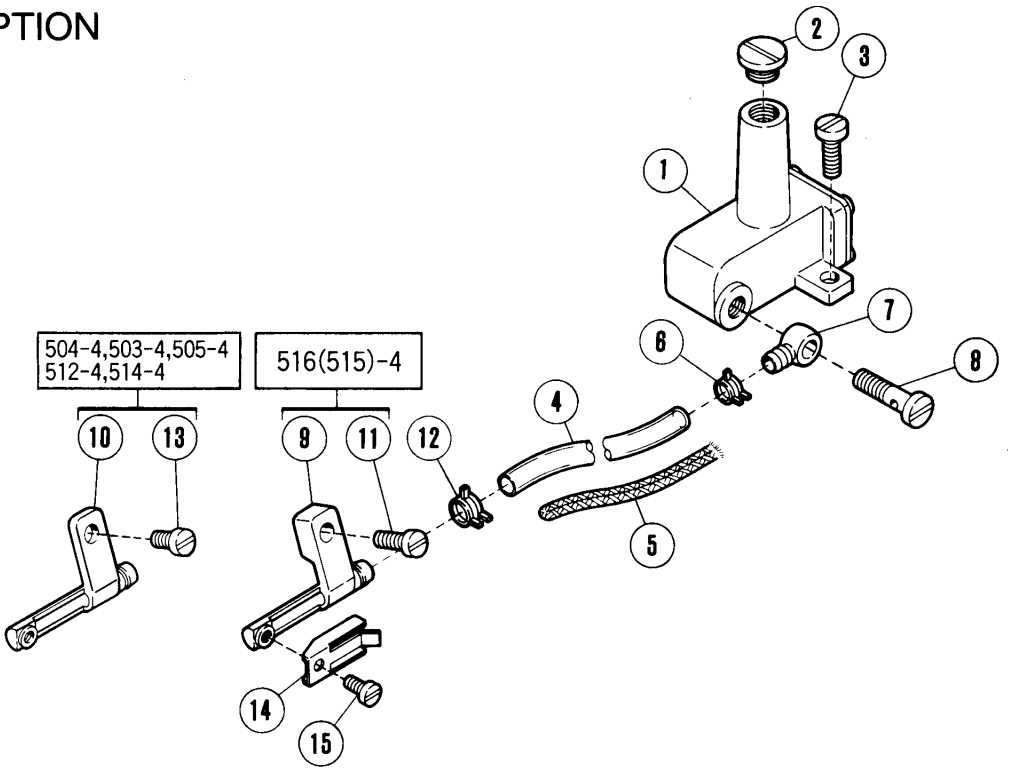
LUBRICATION MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204193	OIL DISTRIBUTOR	1	
2	200152	JOINT SCREW	1	
3	201323	SCREW	1	
4	202903	PLUG	1	
5	204194	PIPE COMPLETE	1	
6	201758	JOINT SCREW	1	
7	204593	TROCHOID PUMP ASSEMBLY	1	
8	204187	WORM WHEEL	1	
9	5060	SCREW	2	
10	209407	TROCHOID PUMP	1	
11	5145	SCREW	1	
12	212978-91	ROTOR (INSIDE) SHAFT	1	
13	212981	ROTOR (OUTSIDE)	1	
14	212982A	PLATE	1	
15	5328	SCREW	3	
16	209410	CLAMP	1	
17	1170-1	SCREW	1	
18	3091	NUT	1	
19	209408	FILTER (INSIDE)	1	
20	209409	FILTER (OUTSIDE)	1	
21	204185	O RING	1	
22	5094	SCREW	2	
23	208260	OIL RESERVOIR	1	
24	208318	GASKET	1	
25	5138B	SCREW	1	
26	202287A	WASHER	1	
27	5150B	BOLT	6	
28	204806	WASHER	6	

OPTION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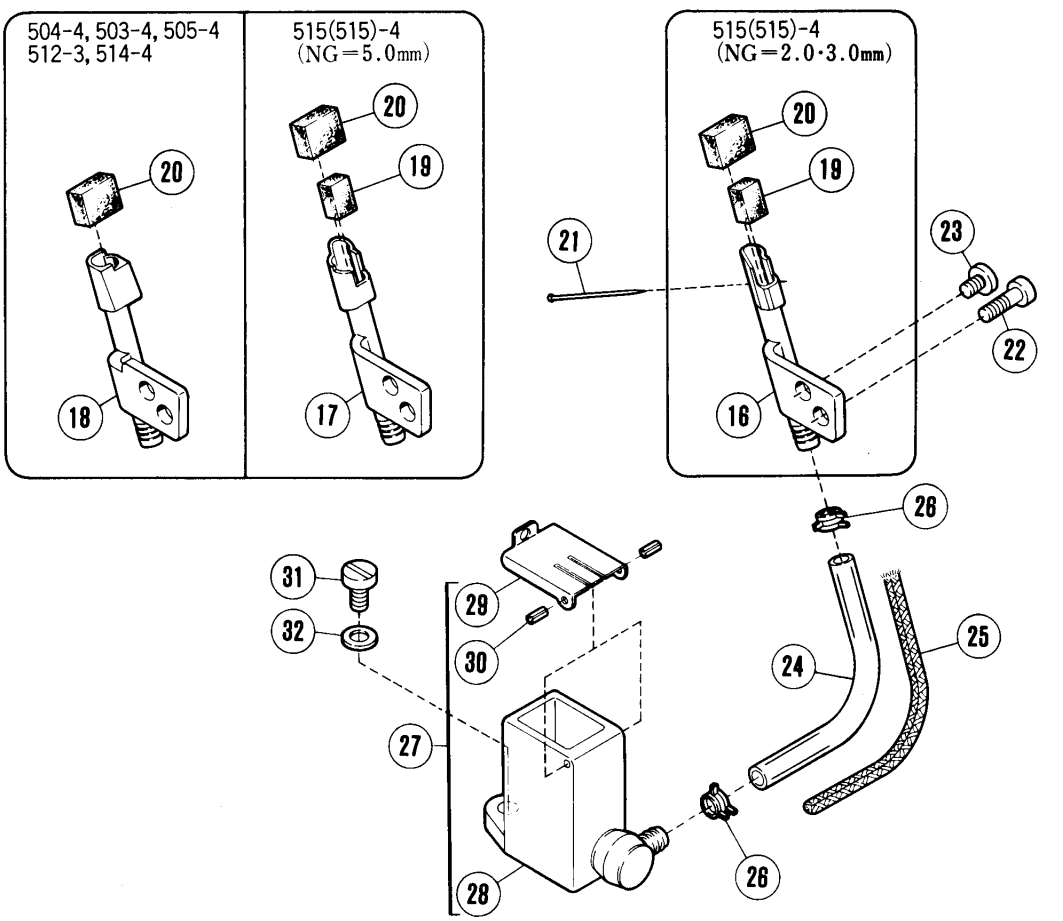
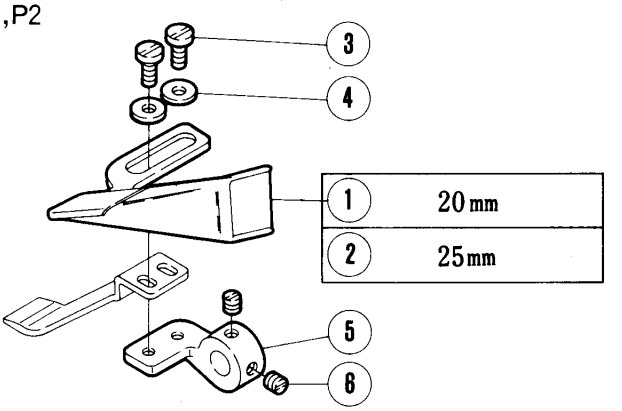
512-4,514-4
516(515)-4

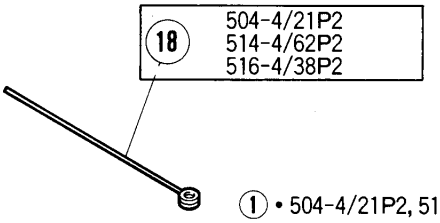

504-4, 503-4, 505-4
512-3, 514-4
515(515)-4
(NG=5.0mm)
515(515)-4
(NG=2.0·3.0mm)

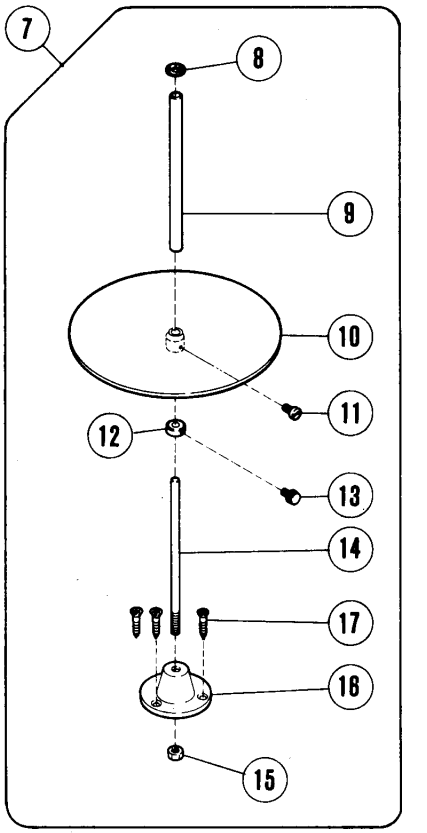
H. R. DEVICE (OPTION)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208308	SILICONE OIL RESERVOIR (UPPER)	1	
2	5242	SCREW	1	
3	5118	SCREW	1	
4	204921	TUBE	1	
5	202176	OIL WICK	1	
6	200155	TUBE CLAMP	1	
7	200136	JOINT	1	
8	200152	JOINT SCREW	1	
9	208486	THREAD LUBRICATOR	1	
10	208446	THREAD LUBRICATOR	1	
11	5345	SCREW	1	
12	202199	CLAMP	1	
13	4009-1	SCREW	1	
14	208487	PLATE	1	
15	5012	SCREW	1	
16	204259	TUBE	1	
17	204435	TUBE	1	
18	204651	TUBE	1	
19	240178	OIL FELT	1	
20	204466	OIL WICK	1	
21	210766	PIN	1	
22	5010	SCREW	1	
23	1206	SCREW	1	
24	204921	TUBE	1	
25	202176	OIL WICK	1	
26	200155	TUBE CLAMP	2	
27	209411-91	SILICONE OIL RESERVOIR (LOWER)	1	
28	209412-91	SILICONE OIL RESERVOIR (LOWER)	1	
29	204862	CAP COVER	1	
30	206781	PIN	2	
31	5345	SCREW	1	
32	201185	WASHER	1	

504-4/21P1,P2
514-4/62P1,P2
516-4/38P1,P2

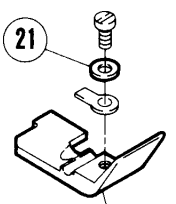


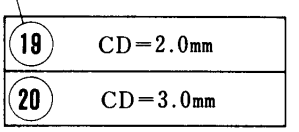




① • 504-4/21P2, 514-4/62P2
• 516-4/38P2 (Option)
② • 516-4/38P2
• 504-4/21P2, 514-4/62P2 (Option)

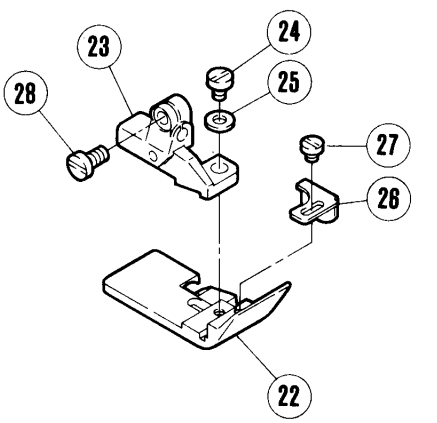
504-4/21P1, 504-4/21P2
514-4/62P1, 514-4/62P2





CD=Cord Diameter

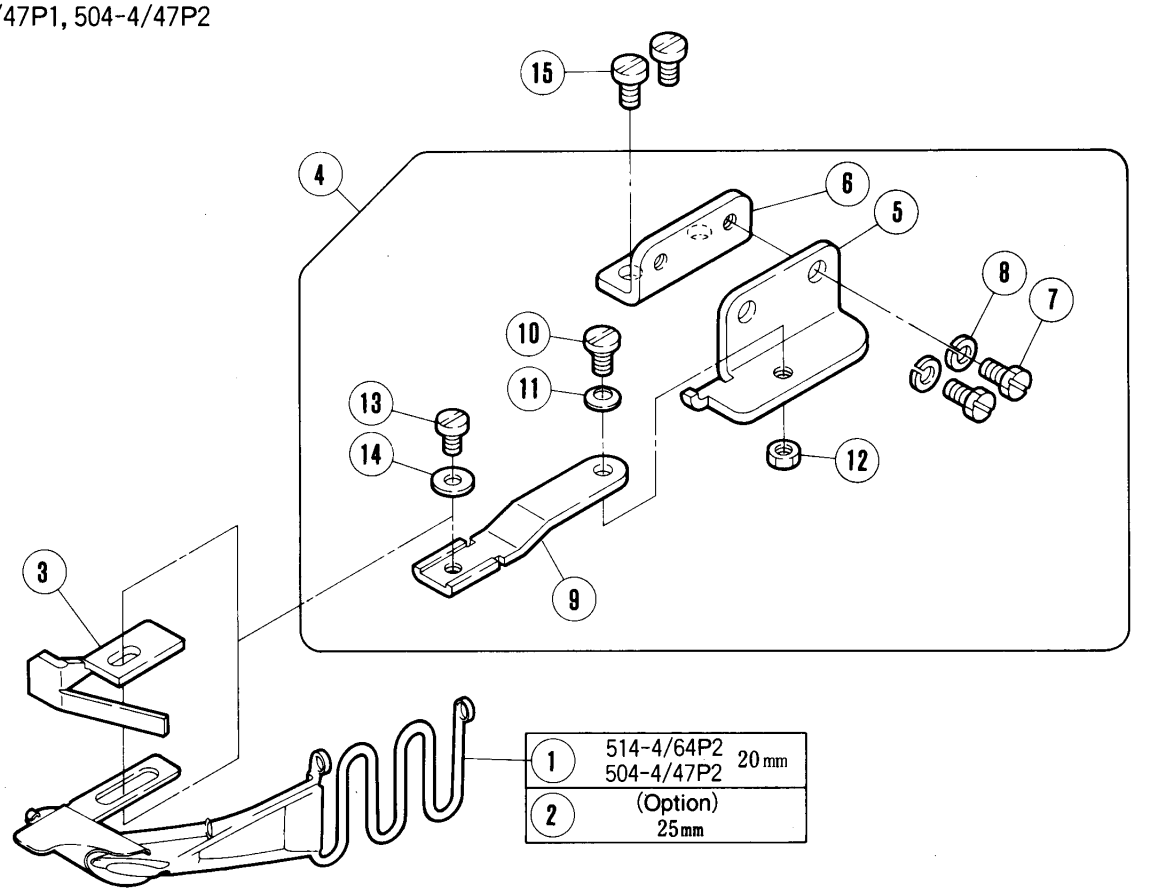
516(515)-4/38P1, 516(515)-4/38P2

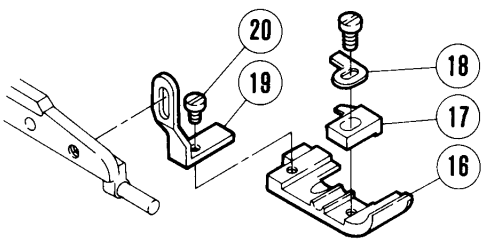


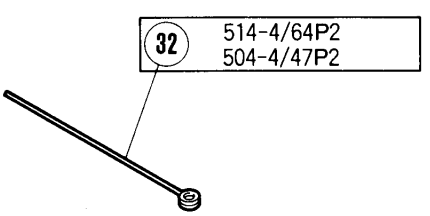
ATTACHMENT FOR PIPING (1)

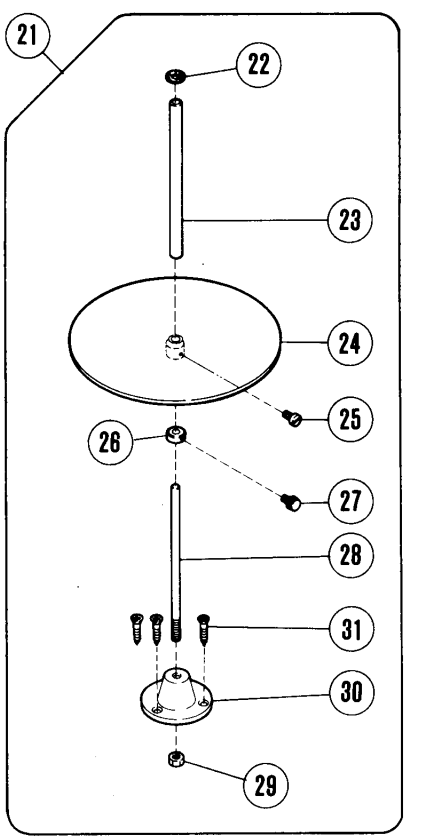
REF. NO.	PART NO.	NAME	QT.	MEMO
1	211885	BINDER (20)	1	
2	211886	BINDER (25)	1	
3	1202	SCREW	1	
4	167066	WASHER	1	
5	210962	BRACKET/BINDER	1	
6	5210	SCREW	2	
7	403	TAPE DISC ASSEMBLY	1	
8	406	FELT	1	
9	405	FIXING ROD	1	
10	404	TAPE DISC	1	
11	4012	SCREW	1	
12	407	COLLAR	1	
13	408	ADJUSTING SCREW	1	
14	409	SHAFT	1	
15	4818	NUT	1	
16	410	BRACKET	1	
17	4908	SCREW	3	
18	413	TAPE INSERTING TOOL	1	
19	208782	PIPING FOOT	1	
20	208783	PIPING FOOT	1	
21	202588	WASHER	1	
22	204502A	PIPING FOOT	1	
23	208554	BRACKET COMPLETE	1	
24	2921	SCREW	1	
25	202875	WASHER	1	
26	204460	FABRIC GUARD	1	
27	5077	SCREW	1	
28	5328	SCREW	1	

514-4/64P1, 514-4/64P2
504-4/47P1, 504-4/47P2







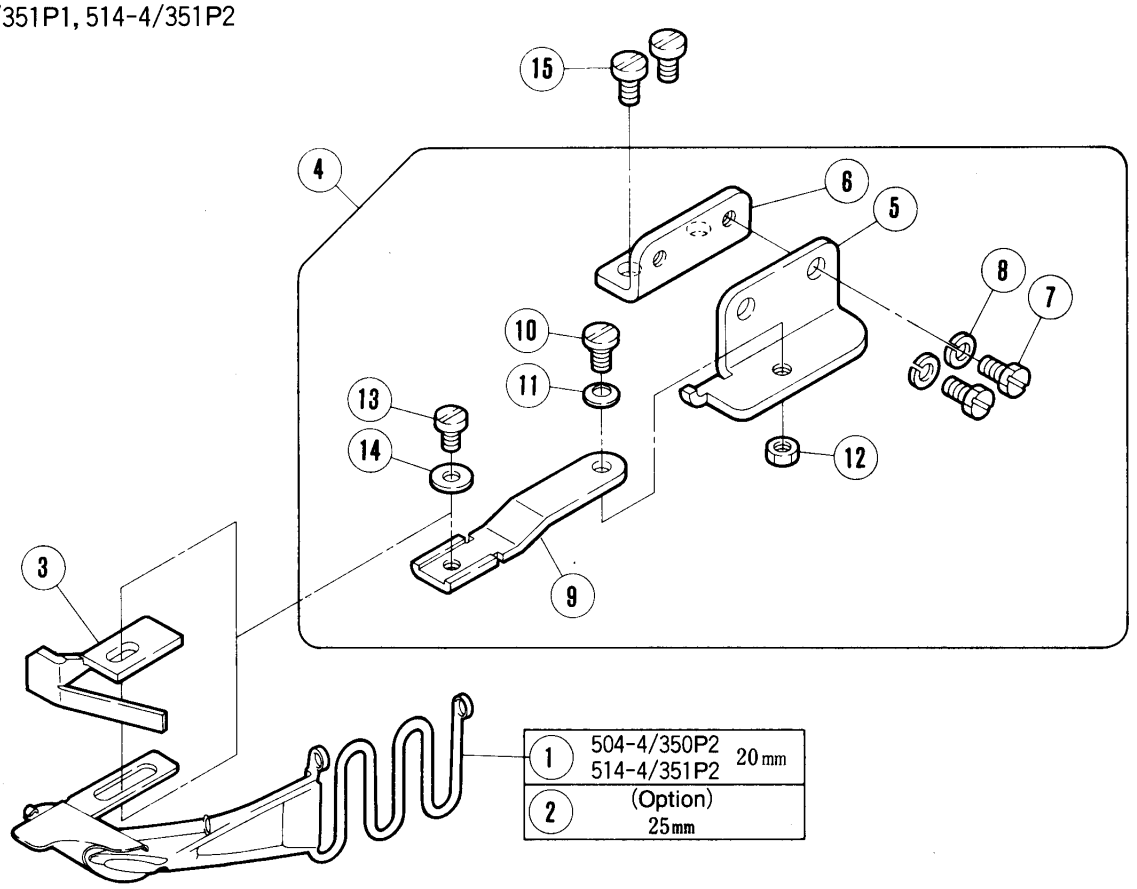


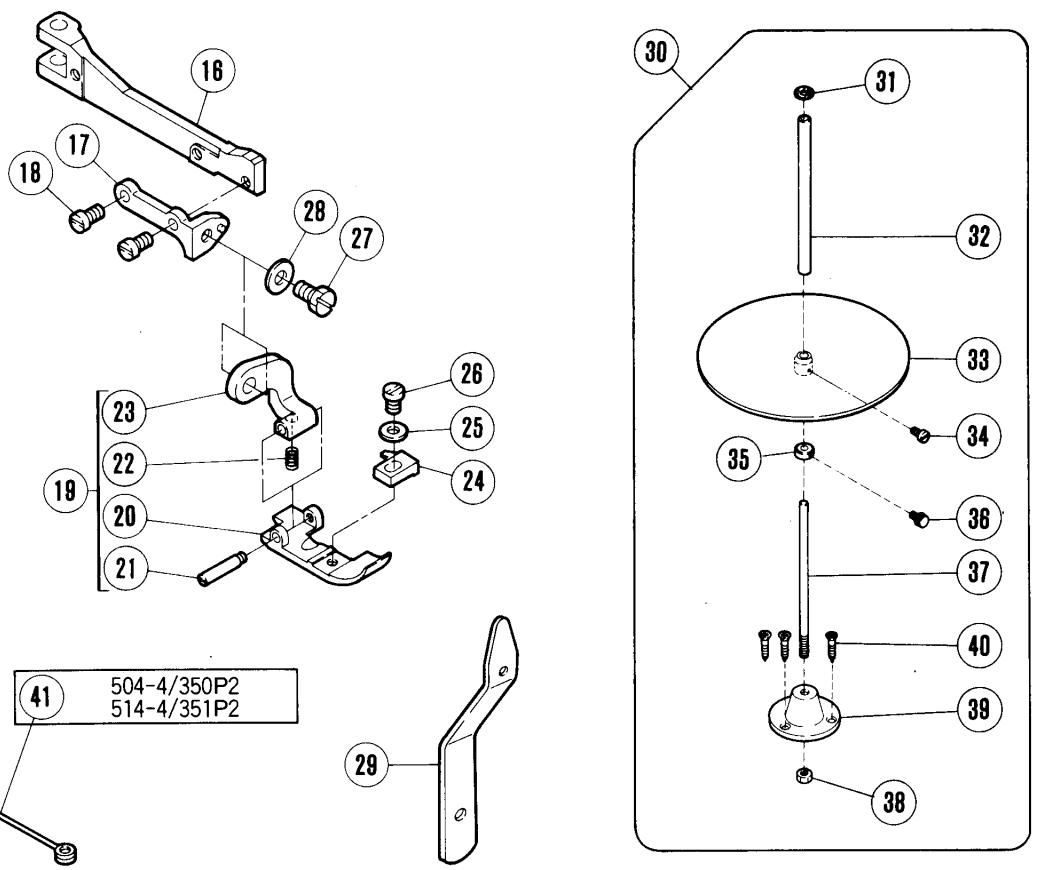
ATTACHMENT FOR PIPING (2)

PLEASE NOTE : 「××××××」is one of the gauge parts. So please refer to pages 74~132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211880	BINDER (20)	1	
2	211946	BINDER (25)	1	
3	211879	EDGE GUIDE	1	
4	209335	GUIDE SET	1	
5	204452	BRACKET/EDGE GUIDE	1	
6	204451	BRACKET	1	
7	2193	SCREW	2	
8	202286	SPRING WASHER	2	
9	209324	HINGE	1	
10	5184	SCREW	1	
11	201191	SPRING	1	
12	3044	NUT	1	
13	1202	SCREW	1	
14	167066	WASHER	1	
15	5117	SCREW	2	
16	211873-TA	PRESSER FOOT	1	
17	XXXXXX	PRESSER FOOT FINGER	1	
18	211876	SET PLATE/PRESSER FOOT	1	
19	211877	STOPPER/PRESSER FOOT	1	
20	1333	SCREW	1	
21	403	TAPE DISC ASSEMBLY	1	
22	406	FELT	1	
23	405	FIXING ROD	1	
24	404	TAPE DISC	1	
25	4012	SCREW	1	
26	407	COLLAR	1	
27	408	ADJUSTING SCREW	1	
28	409	SHAFT	1	
29	4818	NUT	1	
30	410	BRACKET	1	
31	4908	SCREW	3	
32	413	TAPE INSERTING TOOL	1	

504-4/350P1, 504-4/350P2
514-4/351P1, 514-4/351P2

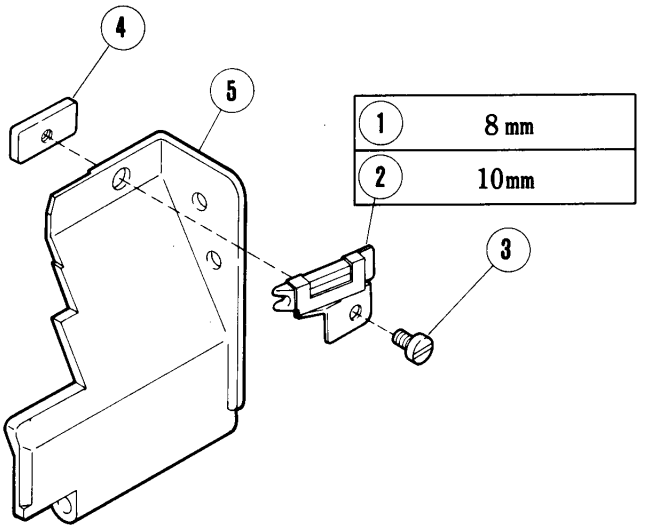




ATTACHMENT FOR PIPING (3)

PLEASE NOTE : 「××××××」 is one of the gauge parts. So please refer to pages 74~132 and confirm the correct parts.

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211880	BINDER (20)	1	
2	211946	BINDER (25)	1	
3	211879	EDGE GUIDE	1	
4	209335	GUIDE SET	1	
5	204452	BRACKET/EDGE GUIDE	1	
6	204451	BRACKET	1	
7	2193	SCREW	2	
8	202286	SPRING WASHER	2	
9	209324	HINGE	1	
10	5184	SCREW	1	
11	201191	SPRING	1	
12	3044	NUT	1	
13	1202	SCREW	1	
14	167066	WASHER	1	
15	5117	SCREW	2	
16	209232	PRESSER ARM	1	
17	209230	BRACKET	1	
18	1196	SCREW	2	
19	209333-TA	PRESSER FOOT COMPLETE	1	
20	211895-TA	PRESSER FOOT BODY	1	
21	211897-B	PIN	1	
22	211902	SPRING	1	
23	209334	HINGE	1	
24	XXXXXX	PRESSER FOOT FINGER	1	
25	202588	WASHER	1	
26	5089	SCREW	1	
27	2193	SCREW	1	
28	201185	WASHER	1	
29	211949	CORD GUIDE PLATE	1	
30	403	TAPE DISC ASSEMBLY	1	
31	406	FELT	1	
32	405	FIXING ROD	1	
33	404	TAPE DISC	1	
34	4012	SCREW	1	
35	407	COLLAR	1	
36	408	ADJUSTING SCREW	1	
37	409	SHAFT	1	
38	4818	NUT	1	
39	410	BRACKET	1	
40	4908	SCREW	3	
41	413	TAPE INSERTING TOOL	1	


4
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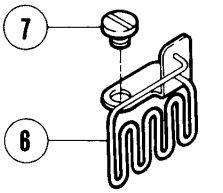
1 8 mm
2 10mm
3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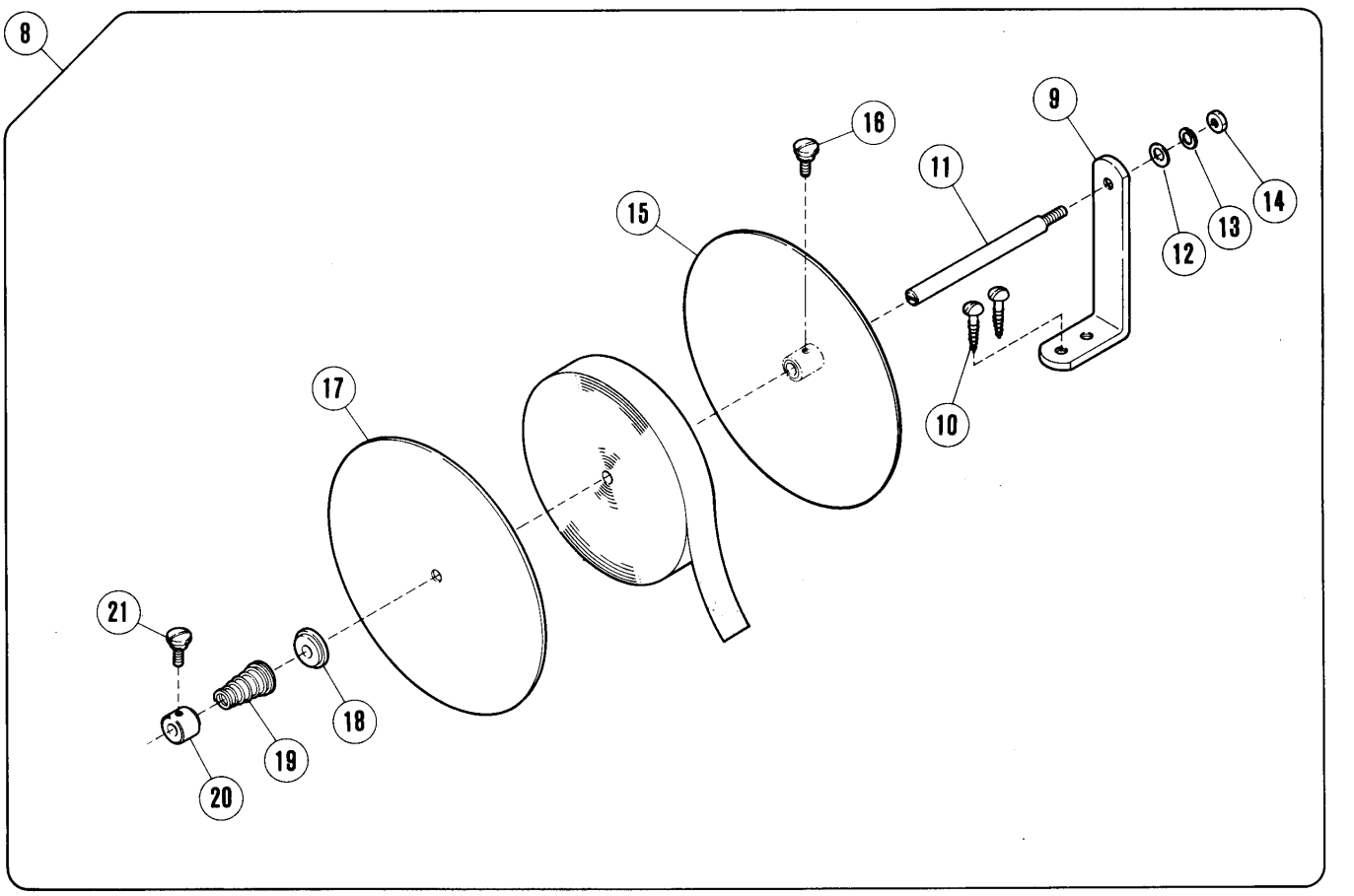
6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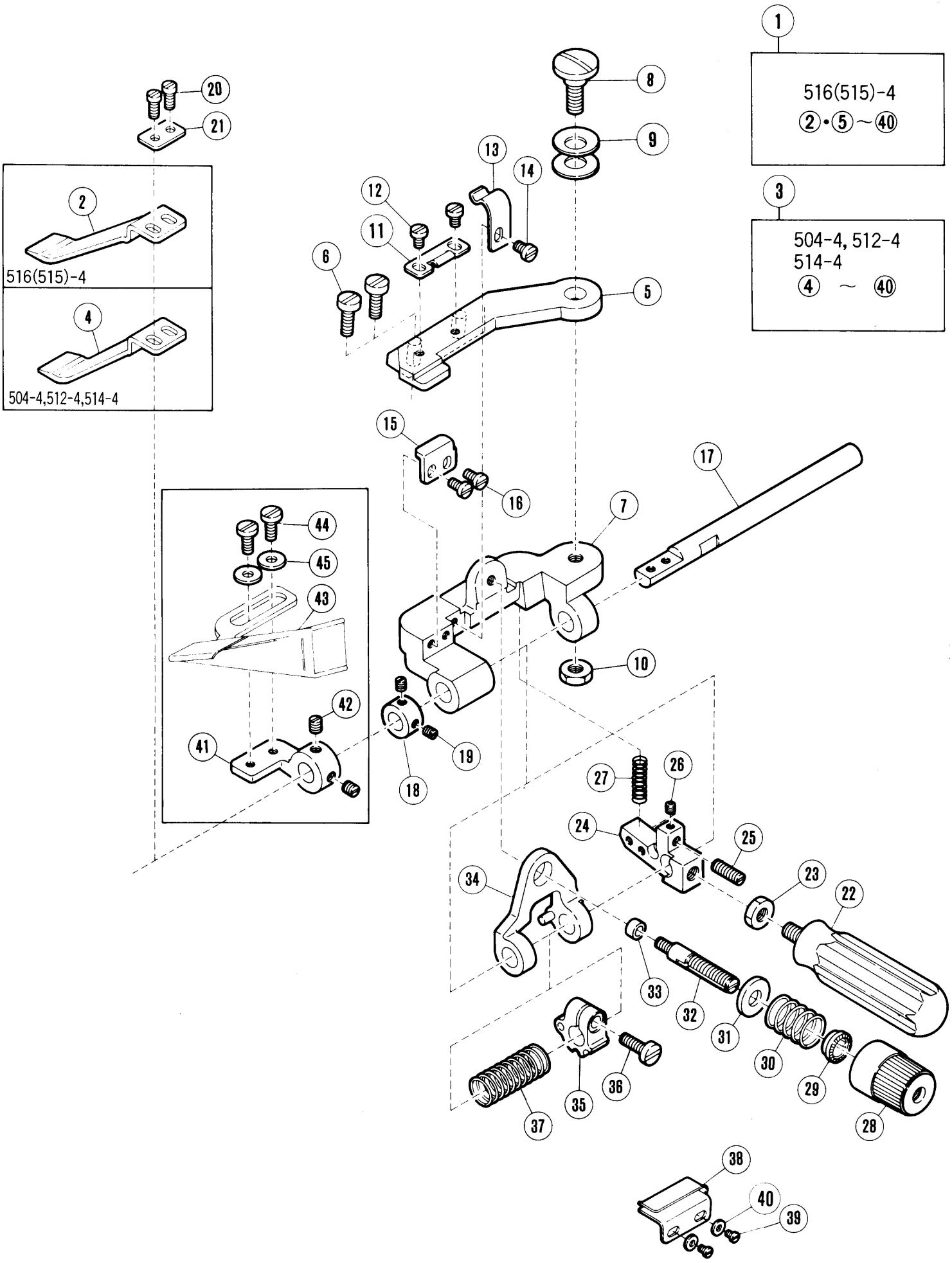
ATTACHMENT FOR TAPE

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208994	BINDER (8)	1	
2	209200	BINDER (10)	1	
3	1216	SCREW	1	
4	208997	BINDER GUIDE	1	
5	209000	FRONT COVER (LEFT)	1	
6	209206	TAPE GUIDE	1	
7	2905	SCREW	1	
8	337	TAPE DISC ASSEMBLY	1	
9	344	BRACKET	1	
10	4911	SCREW	2	
11	341	ROD	1	
12	189	WASHER	1	
13	303067	SPRING WASHER	1	
14	4805	NUT	1	
15	338	TAPE DISC	1	
16	339	SCREW	1	
17	340	TAPE DISC COVER	1	
18	467	SPRING SEAT	1	
19	343	SPRING	1	
20	468	COLLAR	1	
21	339	SCREW	1	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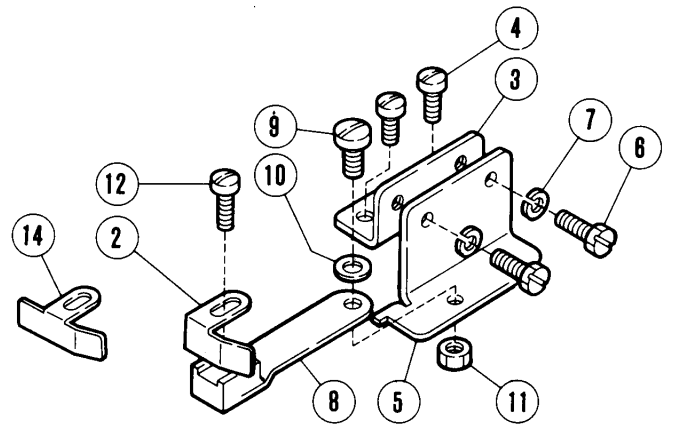
516(515)-4
②•⑤～㊵
3
504-4, 512-4
514-4
④ ～ ㊵
516(515)-4
504-4,512-4,514-4

ATTACHMENT FOR SHIRRING

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208658	SHIRRING ATTACHMENT COMPLETE	1	
2	210953	BLADE	1	
3	208659	SHIRRING ATTACHMENT COMPLETE	1	
4	210954	BLADE	1	
5	208660	BRACKET	1	
6	5152	SCREW	1	
7	210936	BRACKET	1	
8	5513	SCREW	1	
9	204888	SPRING	1	
10	5104	NUT	1	
11	210947	FLAT SPRING	1	
12	1206	SCREW	2	
13	210946	FLAT SPRING	1	
14	1206	SCREW	1	
15	210945	STOPPER	1	
16	5328	SCREW	1	
17	210937	SHAFT	1	
18	206225	COLLAR	1	
19	1457-1	SCREW	2	
20	5029	SCREW	2	
21	210955	WASHER	1	
22	210948	LEVER	1	
23	5104	NUT	1	
24	211614	BRACKET	1	
25	1435	SCREW	1	
26	5292	SCREW	1	
27	210952	SPRING	1	
28	208447	POST NUT	1	
29	208448	SPRING BUSHING	1	
30	210940	SPRING	1	
31	204091	WASHER	1	
32	5082A	SCREW STUD	1	
33	210944	WASHER	1	
34	211613	GUIDE	1	
35	210938	LATCH	1	
36	5118	SCREW	1	
37	210939	SPRING	1	
38	205091	SHIRRING EDGE GUIDE	1	
39	1234	SCREW	2	
40	137906	WASHER	2	
41	210962	BRACKET/BINDER	1	
42	5210	SCREW	2	
43		BINDER	1	
44	1202	SCREW	2	
45	167066	WASHER	2	

Fabric Edge Guide



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516(515)-4
② ~ ⑫

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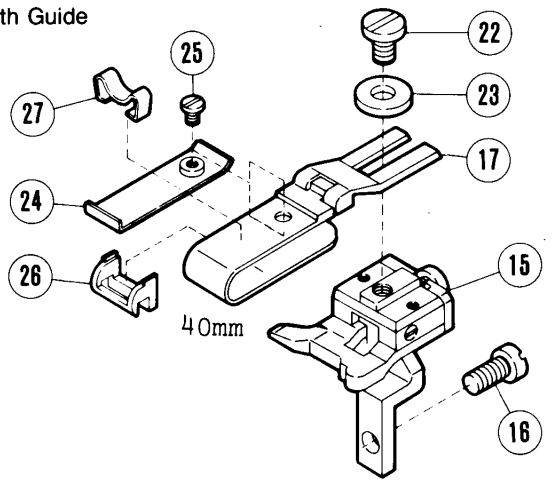
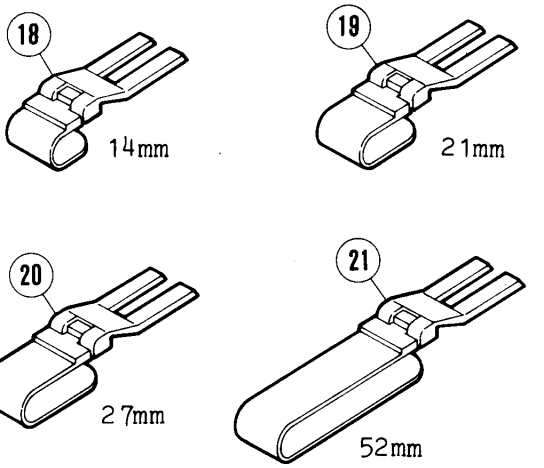
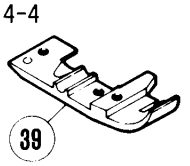
504-4, 503-4
512-4, 514-4
③ ~ ⑫ • ⑭

Cloth Guide

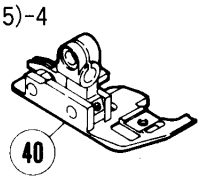




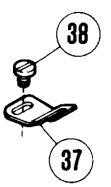
514-4



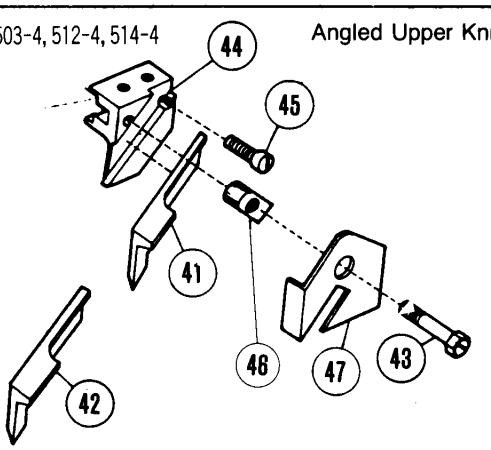
516(515)-4

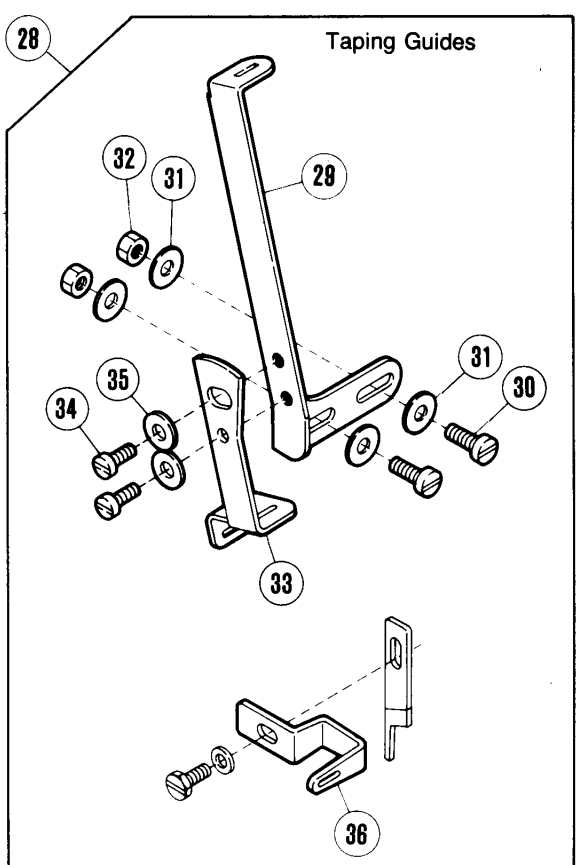


Taping Foot



504-4, 503-4, 512-4, 514-4 Angled Upper Knife

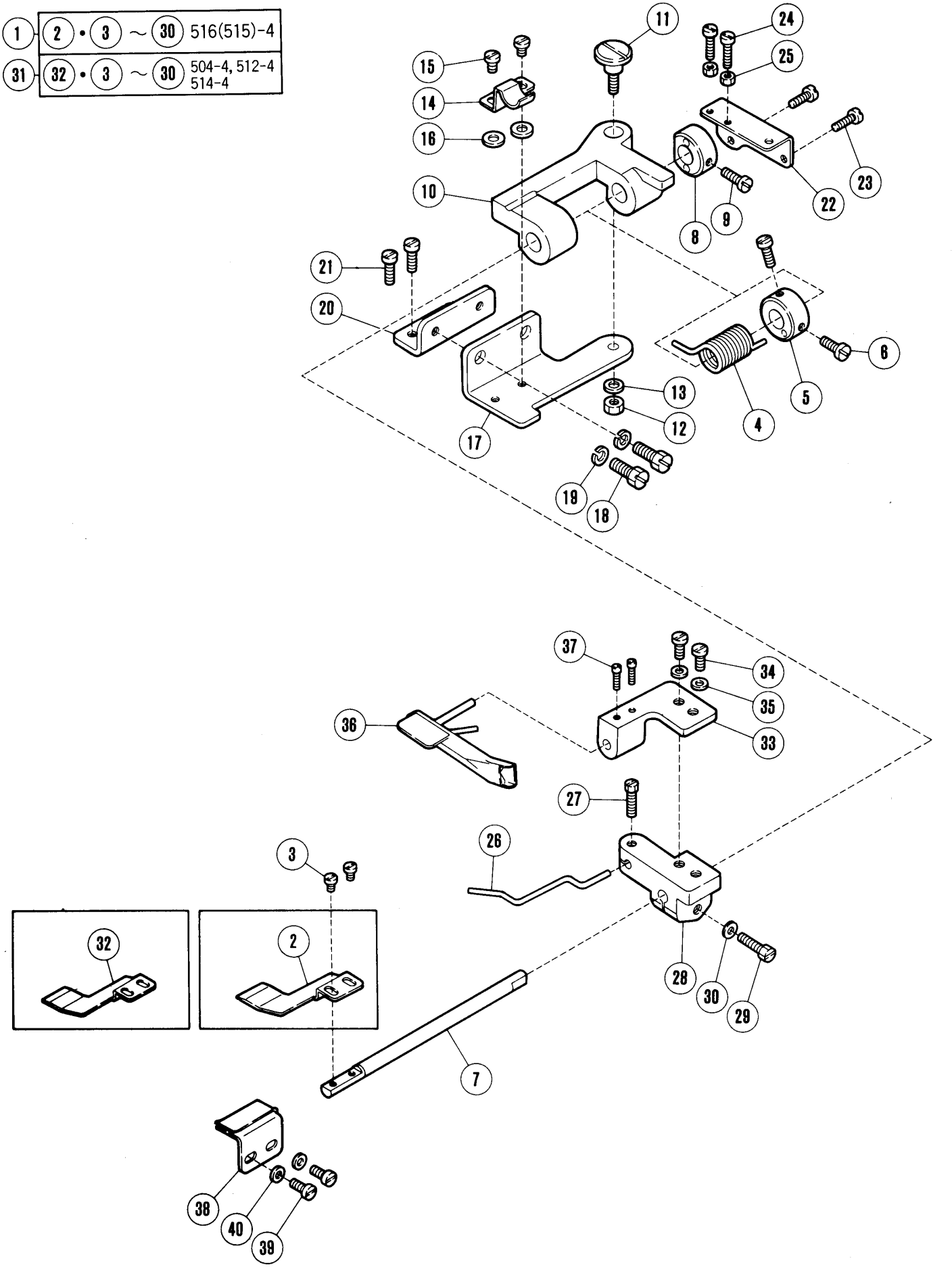




ATTACHMENT

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204449	EDGE GUIDE COMPLETE	1	
2	201233A	EDGE GUIDE	1	
3	204451	BRACKET	1	
4	5117	SCREW	2	
5	204452	BRACKET/EDGE GUIDE	1	
6	2193	SCREW	2	
7	202286	SPRING WASHER	2	
8	201485	BRACKET/EDGE GUIDE	1	
9	5184	SCREW	1	
10	201191	SPRING	1	
11	3044	NUT	1	
12	1202	SCREW	1	
13	204896	BRACKET COMPLETE/EDGE GUIDE	1	
14	204667	EDGE GUIDE	1	
15	204760A	WELT GUIDE HOLDER	1	
16	1189	SCREW	1	
17	201211B	FOLDER COMPLETE (40MM)	1	
18	205457	FOLDER COMPLETE (14MM)	1	
19	205678	FOLDER COMPLETE (21MM)	1	
20	205679	FOLDER COMPLETE (27MM)	1	
21	205456	FOLDER COMPLETE (52MM)	1	
22	2905	SCREW	1	
23	137142	WASHER	1	
24	205835	AUXILIARY PLATE	1	
25	5299	SCREW	1	
26	303312A	REGULATOR	1	
27	303313	FLAT SPRING	1	
28	209402-91	TAPE GUIDE ASSEMBLY	1	
29	208915	TAPE GUIDE (UPPER)	1	
30	1175-3	SCREW	2	
31	137906	WASHER	4	
32	3091	NUT	2	
33	208916	TAPE GUIDE (LOWER)	1	
34	1216	SCREW	2	
35	137906	WASHER	2	
36	205319	TAPE TAKEUP	1	
37	208735	TAPE GUIDE	1	
38	1333	SCREW	1	
39	208730	PRESSER FOOT	1	
40	303688	PRESSER FOOT	1	
41	204152	UPPER KNIFE	1	
42	204835	UPPER KNIFE	1	
43	5371	SCREW	1	
44	204830	UPPER KNIFE CLAMP	1	
45	5142	SCREW	1	
46	204155	GIB	1	
47	204156	WASTE GUARD	1	

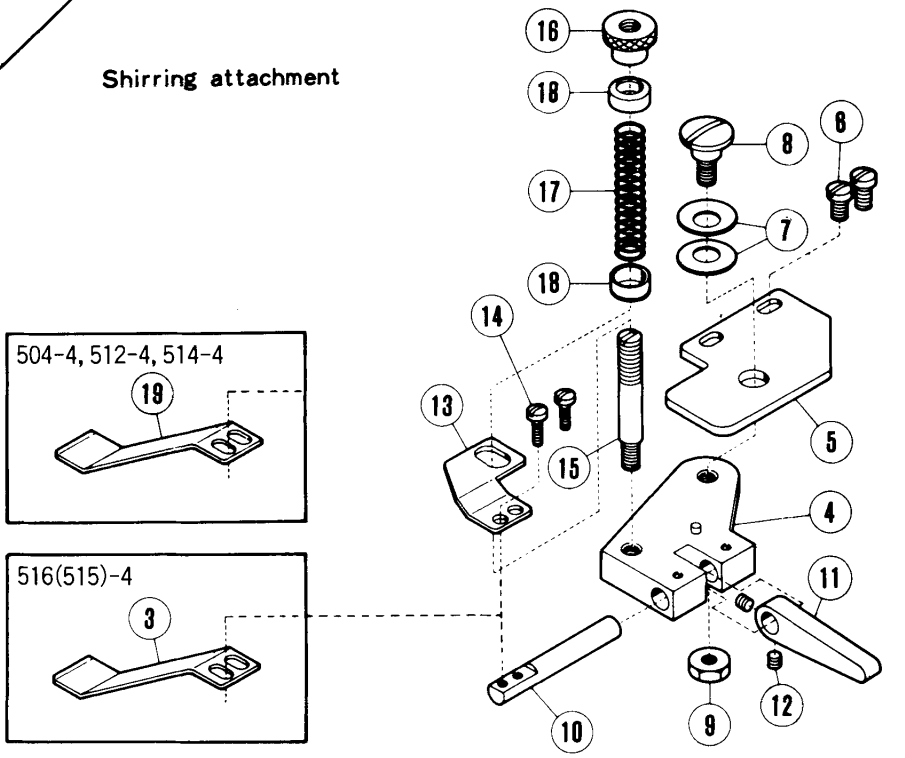
1	2 • 3 ~ 30 516(515)-4
31	32 • 3 ~ 30 504-4, 512-4 514-4



ATTACHMENT FOR SHIRRING (OPTION)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204670	SHIRRING ATTACHMENT COMPLETE	1	
2	205064	SHIRRING BLADE	1	
3	5227	SCREW	2	
4	205065	SPRING	1	
5	205066	COLLAR	1	
6	5064	SCREW	2	
7	205067	SHAFT	1	
8	205068	COLLAR	1	
9	2213	SCREW	1	
10	205069	BLOCK	1	
11	5326	SCREW	1	
12	5137	NUT	1	
13	202286	SPRING WASHER	1	
14	205070	FLAT SPRING	1	
15	1229	SCREW	2	
16	200183	WASHER	2	
17	204495	PLATE	1	
18	2193	SCREW	2	
19	202286	SPRING WASHER	2	
20	204451	BRACKET	1	
21	5117	SCREW	2	
22	205072	LEVER/PRESSER FOOT	1	
23	5117	SCREW	2	
24	1170	SCREW	2	
25	3091	NUT	2	
26	204592	LIFTER	1	
27	5118	SCREW	1	
28	205104	BLOCK	1	
29	5276	SCREW	1	
30	204585	WASHER	1	
31	204882	PRESSER FOOT COMPLETE	1	
32	205137	PRESSER FOOT	1	
33	205103	BRACKET/BINDER	1	
34	1175-3	SCREW	2	
35	167066	WASHER	2	
36		BINDER	1	
37	1170-1	SCREW	2	
38	205091	SHIRRING EDGE GUIDE	1	
39	1234	SCREW	2	
40	137906	WASHER	2	

Shirring attachment



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516(515)-4
③ ~ ⑱

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504-4, 512-4
514-4
④ ~ ⑲

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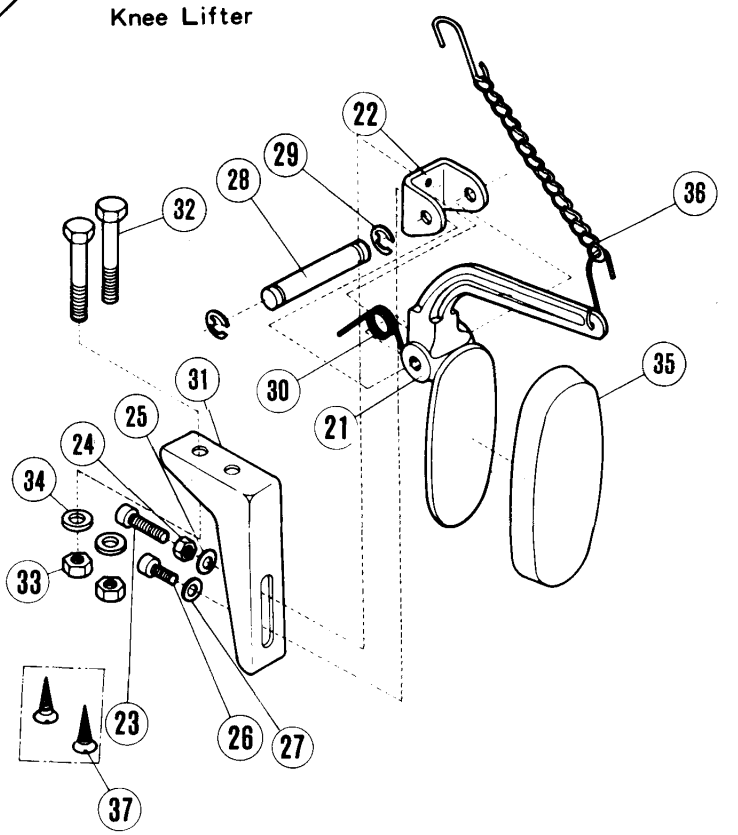
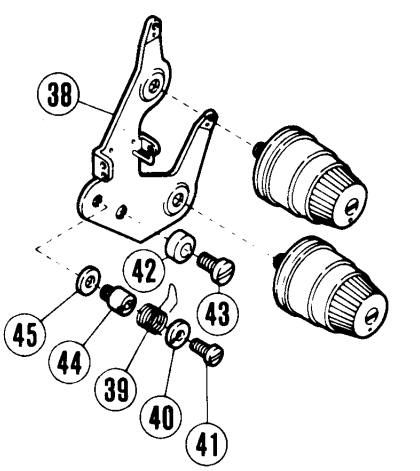
Knee Lifter



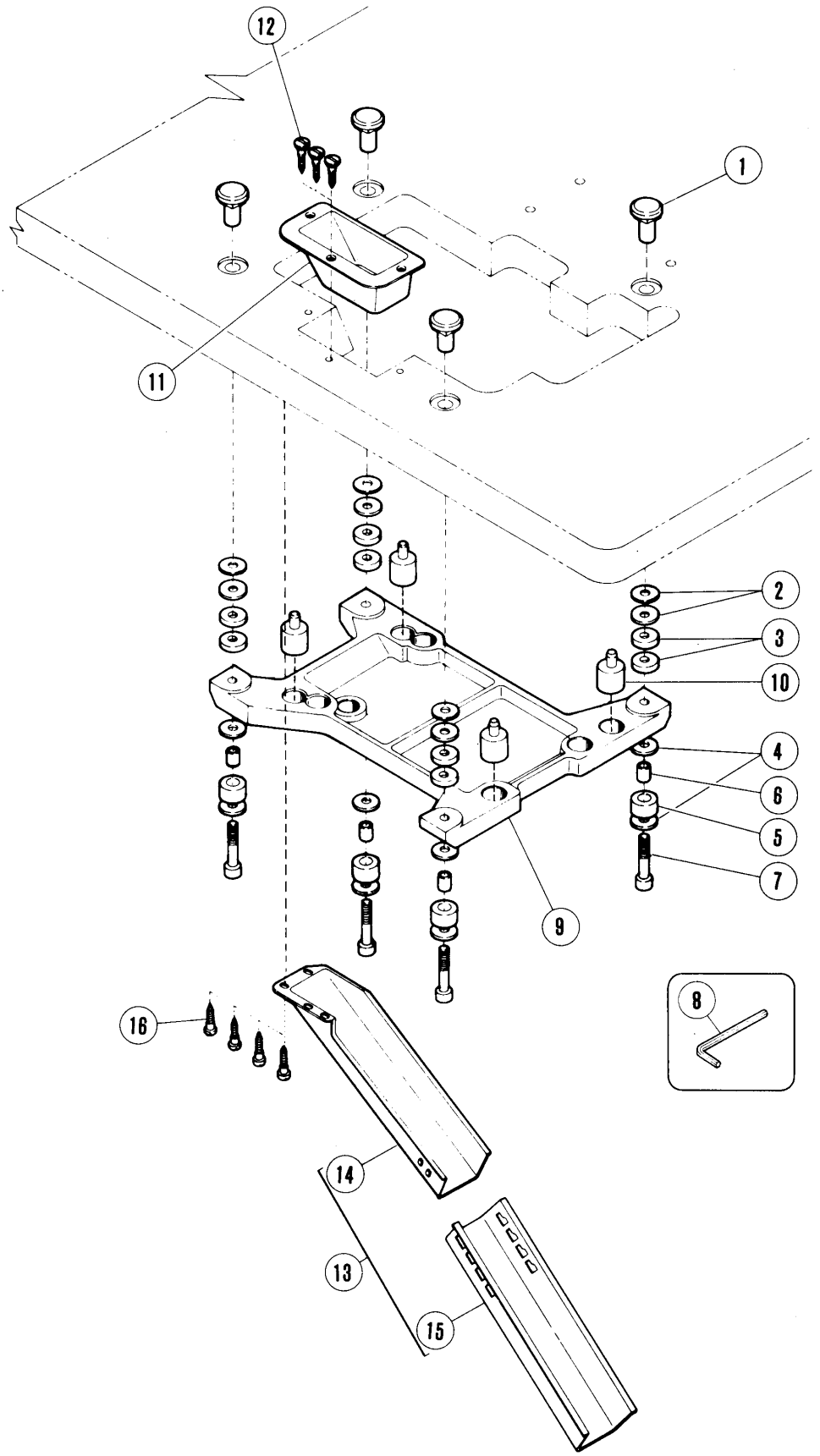
516(515)-4

Monofilament needle thread tension guide
(used for 401 needle thread of monofilament)



ATTACHMENT (OPTION)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	204897	SHIRRING ATTACHMENT	1	
2	204898	SHIRRING ATTACHMENT	1	
3	204885	SHIRRING BLADE	1	
4	204886	BRACKET	1	
5	204887	BRACKET BASE	1	
6	5117	SCREW	2	
7	204888	SPRING	2	
8	5380	SCREW	1	
9	5104	NUT	1	
10	204889	SHIRRING BLADE SHAFT	1	
11	204890	LEVER	1	
12	1459	SCREW	2	
13	204891	BLADE GUIDE	1	
14	1175-2	SCREW	2	
15	204892	POST	1	
16	204893	THUMB NUT	1	
17	204894	SPRING	1	
18	204895	CUP	2	
19	204966	PRESSER FOOT	1	
20	192	KNEE CONTROLLER ASSEMBLY	1	
21	193	KNEE CONTROLLER	1	
22	194	HINGE	1	
23	5183	SCREW	1	
24	3044	NUT	1	
25	137142	WASHER	1	
26	5118	SCREW	1	
27	137142	WASHER	1	
28	195	PIN	1	
29	202522	RING	1	
30	196	SPRING	1	
31	197	BRACKET	1	
32	5347	SCREW	2	
33	5348	NUT	2	
34	204585	WASHER	2	
35	198	RUBBER PAD	1	
36	199	CHAIN	1	
37	5341	SCREW	2	
38	208484	THREAD TENSION BRACKET COM.	1	
39	204960	SPRING	1	
40	204962	NUT	1	
41	2922	SCREW	1	
42	202683	STOPPER	1	
43	5117	SCREW	1	
44	204961	STUD	1	
45	202757	WASHER	1	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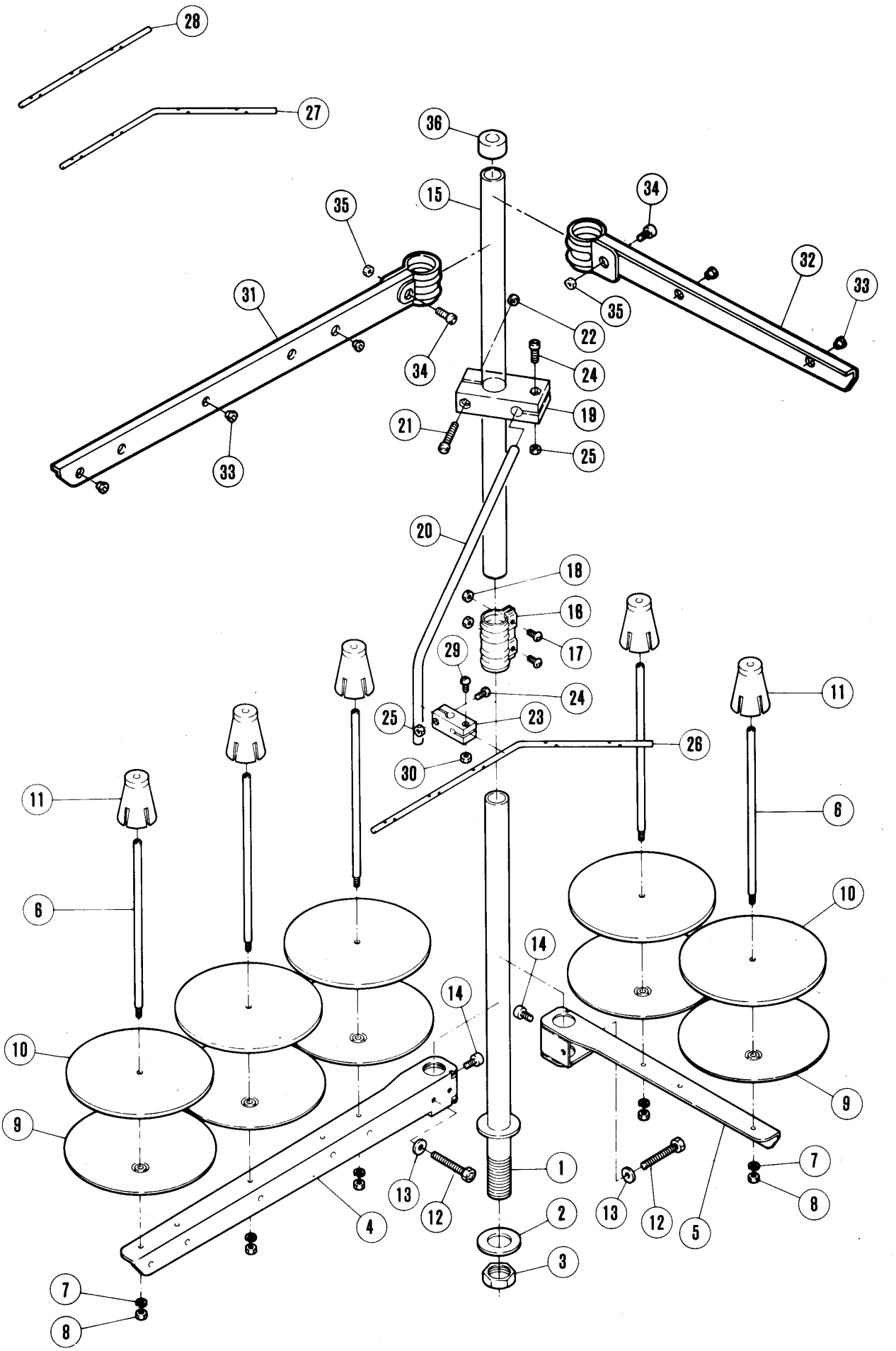
PARTS FOR SEMI-SUBMERGED INSTALLATION

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206336	NUT	4	
2	206337	WASHER	8	
3	205467	SPACER	8	
4	206337	WASHER	4	
5	205764	CUSHION RUBBER	4	
6	205765	LINER	4	
7	4512	SCREW	4	
8	272	ALLEN KEY/6MM	1	
9	205466	MACHINE REST BOARD	1	
10	205473	CUSHION RUBBER	4	
11	205470-JA	WASTE CHUTE TOP	1	
12	4904	SCREW	3	
13	9050	WASTE CHUTE SET	1	
14	205468-JA	WASTE CHUTE TOP (A)	1	
15	205469-JA	WASTE CHUTE TOP (B)	1	
16	4905	SCREW	4	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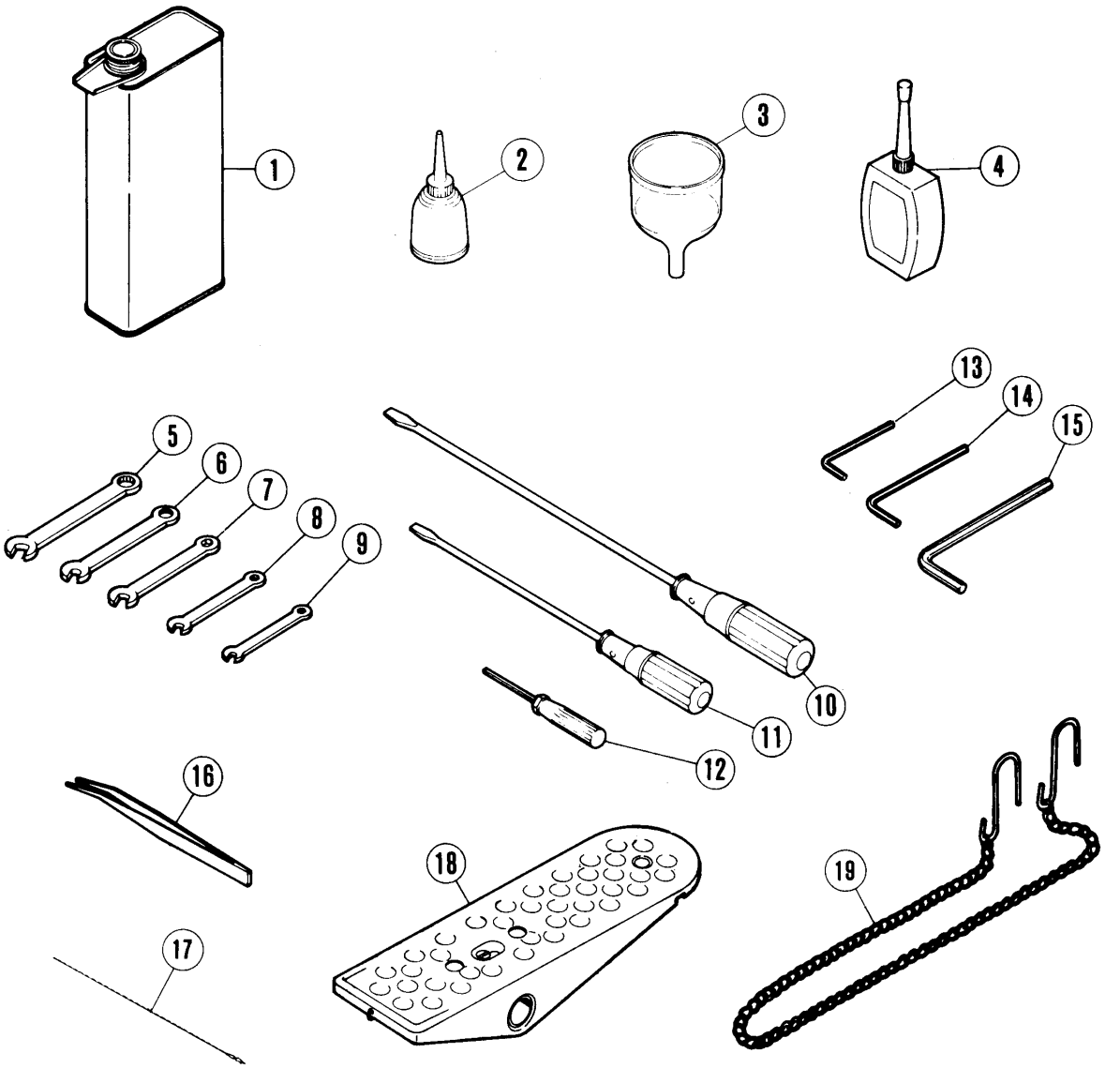
THREAD STAND

REF. NO.	PART NO. 部品番号	NAME	SPOOLS: 3	4	5 QT.	MEMO
	486A9C	THREAD STAND ASS. (5-SPOOLS)			1	
	486B9C	THREAD STAND ASS. (4-SPOOLS)		1		
	486C9C	THREAD STAND ASS. (3-SPOOLS)	1			
1	503-CA	THREAD STAND ROD (LOWER)	1	1	1	
2	509	WASHER	1	1	1	
3	5476	NUT	1	1	1	
4	505-CA	BRACKET	1		1	
5	505ACA	BRACKET		2	1	
6	380A	SPOOL PIN	3	4	5	
7	201252	SPRING WASHER	3	4	5	
8	4803	NUT	3	4	5	
9	381-CA	SPOOL TRAY	3	4	5	
10	507	CUSHION	3	4	5	
11	382-CA	SPOOL RETAINING FIN	3	4	5	
12	7102	SCREW	1	2	2	
13	512	WASHER	1	2	2	
14	4022	SCREW	1	2	2	
15	502-CA	THREAD STAND ROD (UPPER)	1	1	1	
16	504-CA	JOINT	1	1	1	
17	4021	SCREW	2	2	2	
18	4805	NUT	2	2	2	
19	383-CA	BRACKET	1	1	1	
20	384	THREAD GUIDE BAR ROD	1	1	1	
21	4014	SCREW	1	1	1	
22	4803	NUT	1	1	1	
23	233-CA	HOLDER	1	1	1	
24	4012	SCREW	2	2	2	
25	4803	NUT	2	2	2	
26	293A	THREAD GUIDE BAR (5-SPOOLS)			1	
27	293B	THREAD GUIDE BAR (4-SPOOLS)		1		
28	293C	THREAD GUIDE BAR (3-SPOOLS)	1			
29	4012	SCREW	1	1	1	
30	4803	NUT	1	1	1	
31	527-CA	BRACKET	1		1	
32	527ACA	BRACKET		2	1	
33	506	THREAD EYELET	3	4	5	
34	4117	SCREW	1	2	2	
35	4805	NUT	1	2	2	
36	386	ROD CAP	1	1	1	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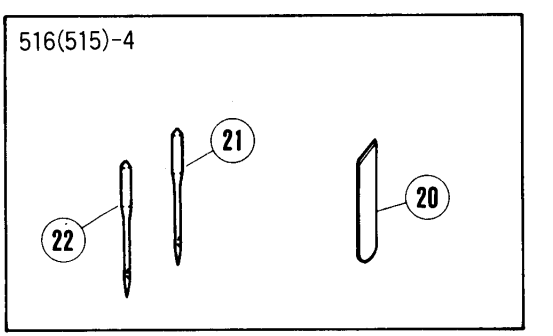
516(515)-4
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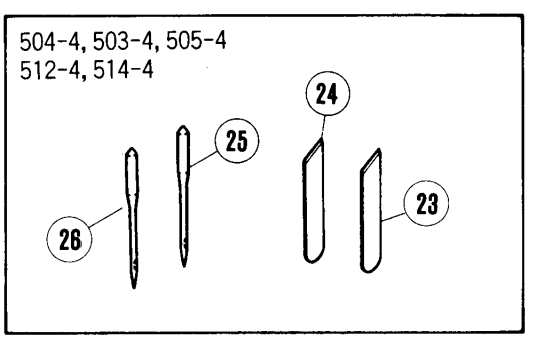
504-4, 503-4, 505-4
512-4, 514-4
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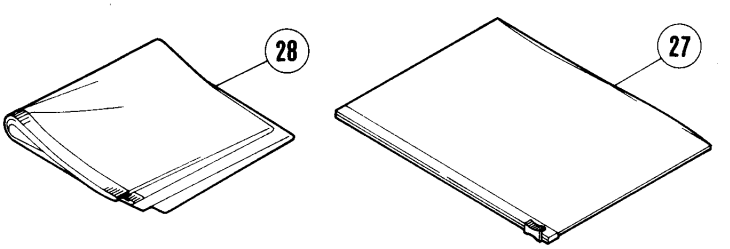
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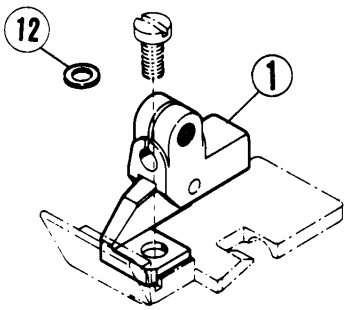
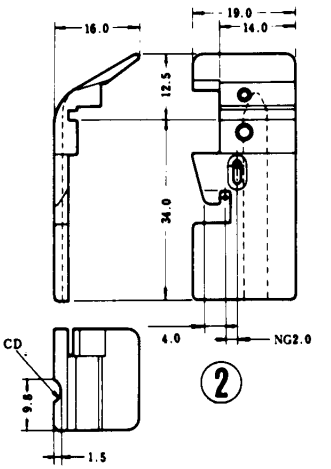
ACCESORIES

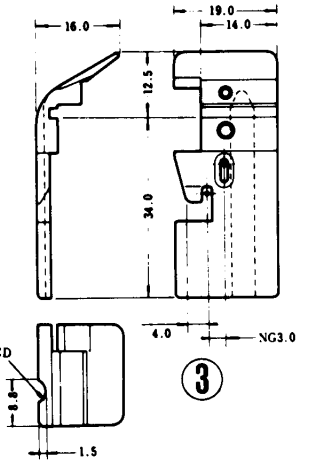
REF. NO.	PART NO.	NAME	MEMO
1	452	OIL CONTAINER/750CC	
2	485	OILER	
3	484	OIL FUNNEL	
4	178	CONTAINER - SILICONE	
5	286	WRENCH/9.5MM	
6	285	WRENCH/8MM	
7	284	WRENCH/7MM	
8	283	WRENCH/6MM	
9	391	WRENCH/5MM	
10	127	SCREWDRIVER (LARGE)	
11	128	SCREWDRIVER (MEDIUM)	
12	179	ALLEN KEY DRIVER	
13	322	ALLEN KEY/2.38MM	
14	182	ALLEN KEY	
15	200	ALLEN KEY/4.76MM	
16	131	TWEEZERS	
17	153	THREADING WIRE	
18	480	PEDAL	
19	392	CHAIN	
20	204161	LOWER KNIFE	
21	DCX27	NEEDLE	
22	DCX27	NEEDLE	
23	201127	LOWER KNIFE/THIN	
24	202295	LOWER KNIFE/THICK	
25	DCX27	NEEDLE	
26	DCX3	NEEDLE	
27	482	ACCESSORY BAG	
28	909	DUST COVER	



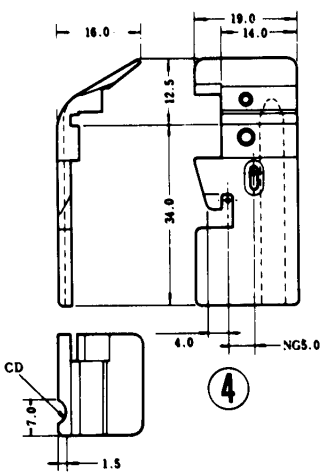
NG = Needle Gauge
CD = Cord Diameter



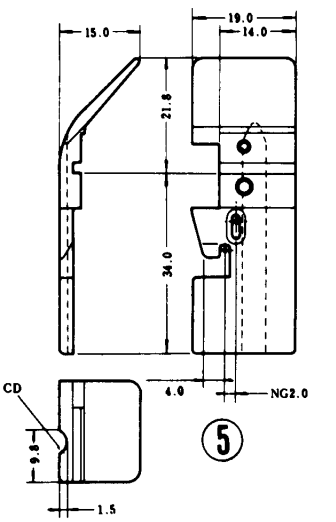
NG×CD
2×3 204499
2×4 204500
2×5 204501



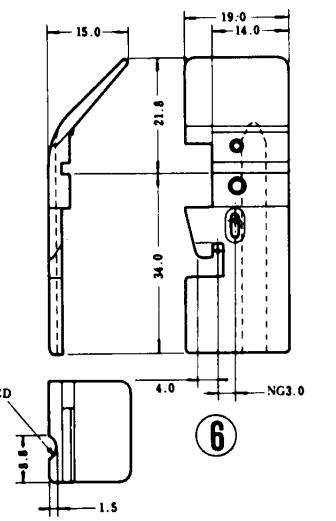
NG×CD
3×3 204502
3×4 204503
3×5 204504



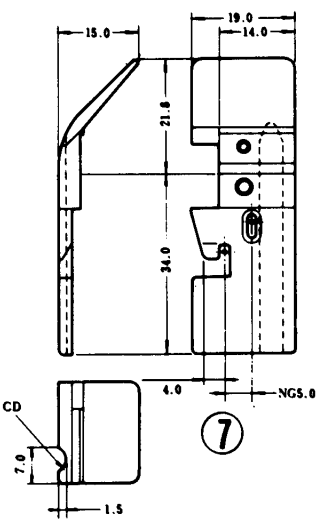
NG×CD
5×3 204505
5×4 204506
5×5 204507



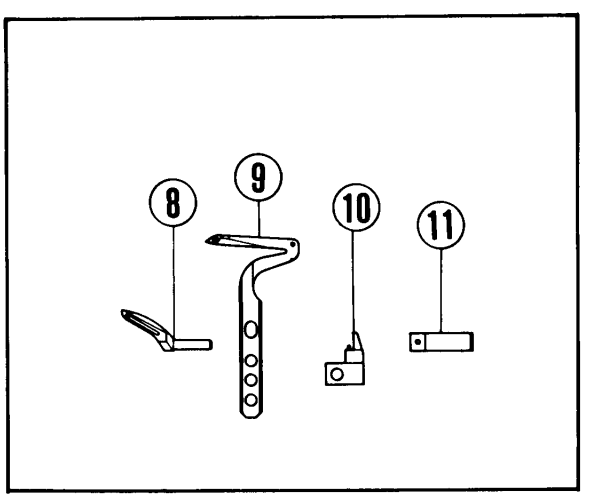
NG×CD
2×3 204508
2×4 204509
2×5 204510



NG×CD
3×3 204511
3×4 204512
3×5 204513



NG×CD
5×3 204514
5×4 204515
5×5 204516



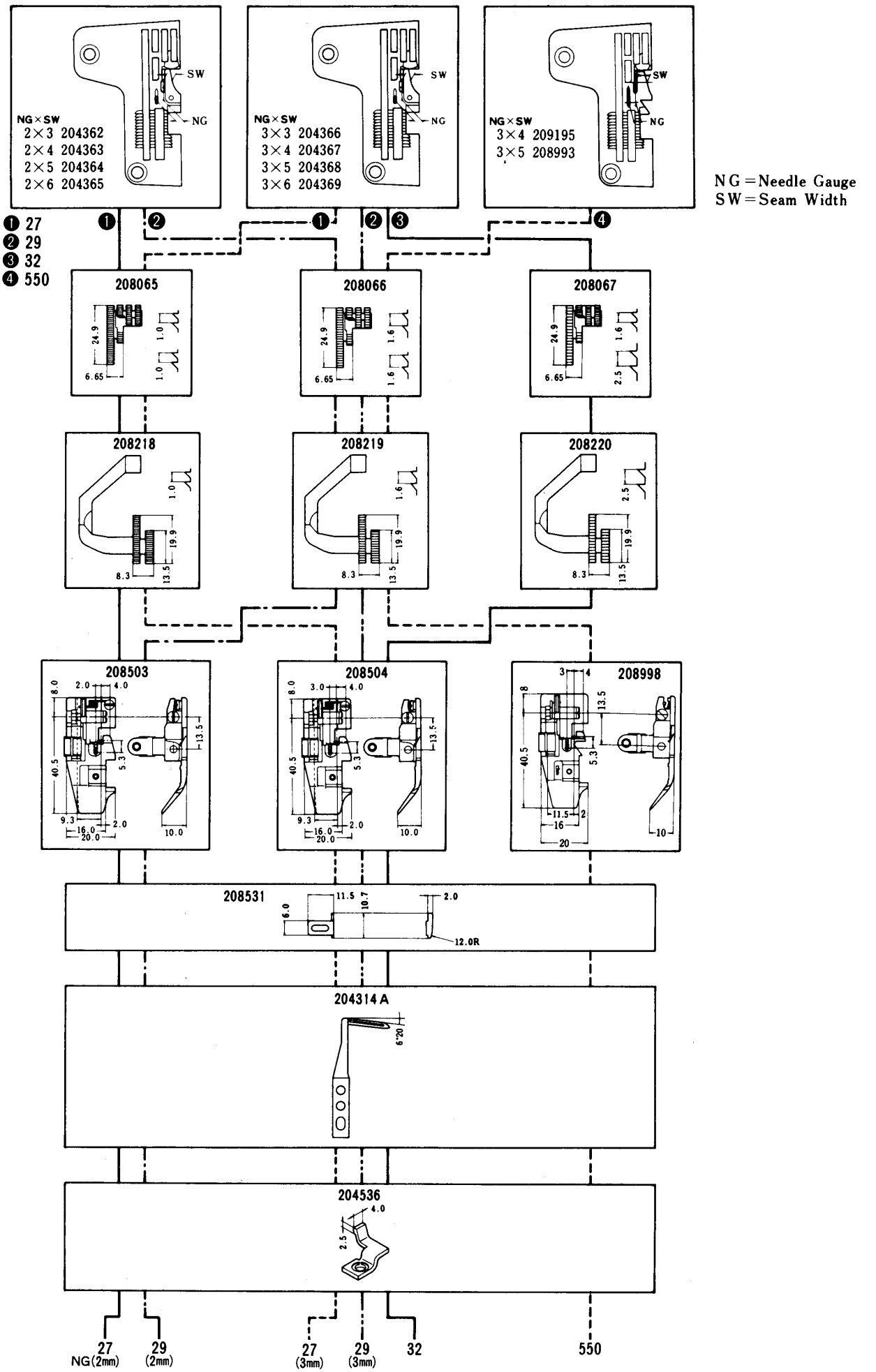
PIPING FOOT•OTHERS

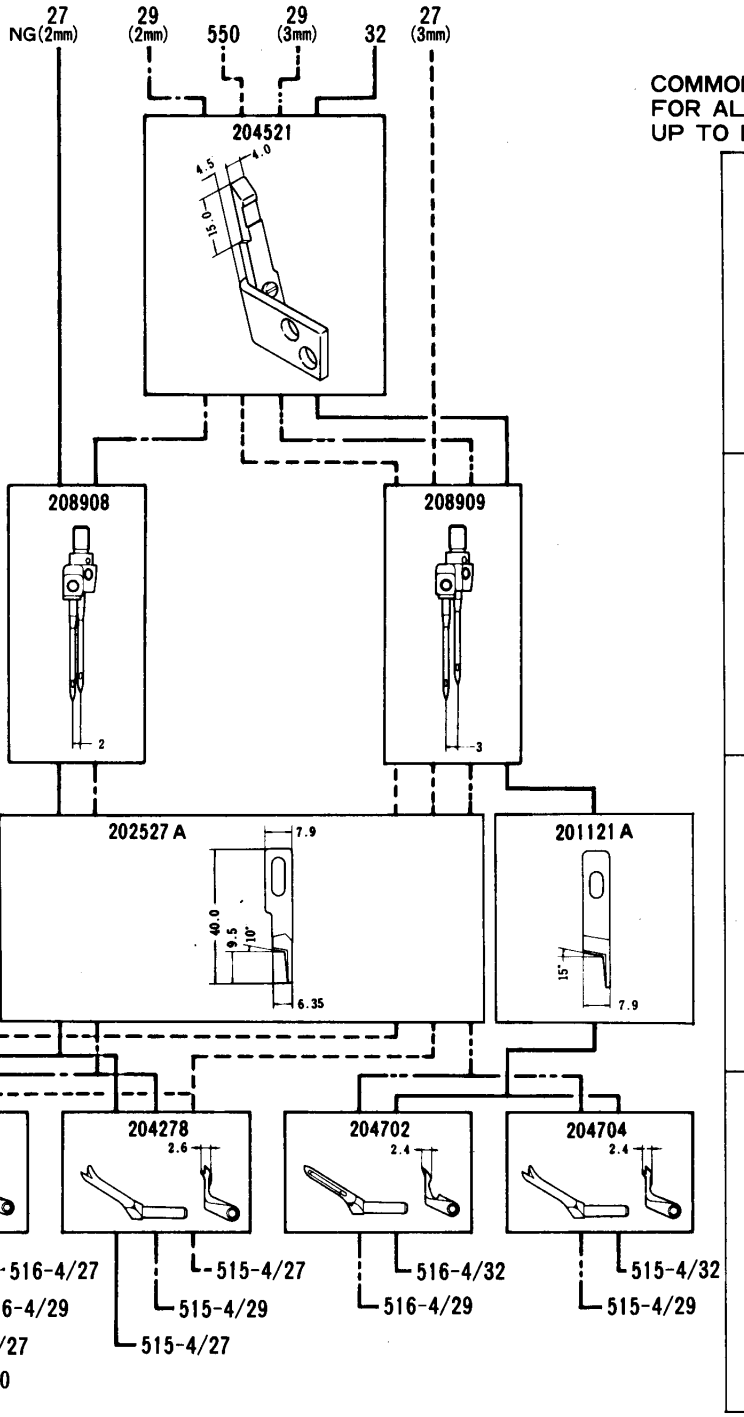
REF. NO.	PART NO.	NAME	QT.	MEMO
1	208554	BRACKET COMPLETE	1	
2	204499	PIPING FOOT	1	
2	204500	PIPING FOOT	1	
2	204501	PIPING FOOT	1	
3	204502	PIPING FOOT	1	
3	204503	PIPING FOOT	1	
3	204504	PIPING FOOT	1	
4	204505	PIPING FOOT	1	
4	204506	PIPING FOOT	1	
4	204507	PIPING FOOT	1	
5	204508	PIPING FOOT	1	
5	204509	PIPING FOOT	1	
5	204510	PIPING FOOT	1	
6	204511	PIPING FOOT	1	
6	204512	PIPING FOOT	1	
6	204513	PIPING FOOT	1	
7	204514	PIPING FOOT	1	
7	204515	PIPING FOOT	1	
7	204516	PIPING FOOT	1	
8	204990	UPPER LOOPER	1	
9	204991	LOWER LOOPER	1	
10	204906	PRESSER FOOT FINGER	1	
11	202281	WELT GUIDE EXTENSION/TRICOT	1	
12	202875	WASHER	1	

GAUGE PARTS
CONSTRUCTION CHART

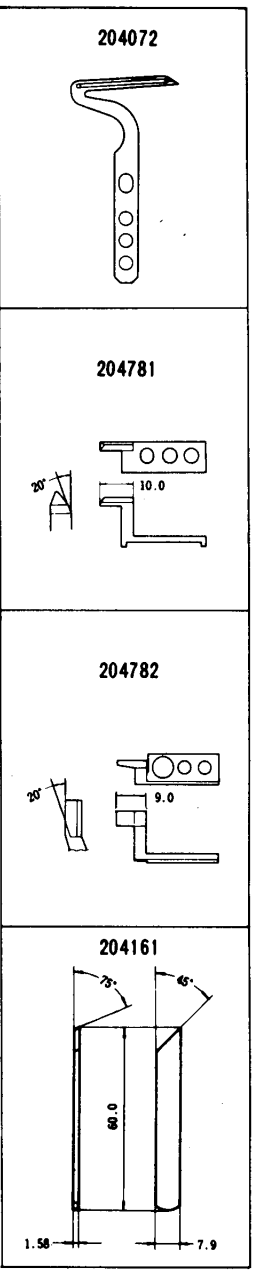
Feed pattern : 2N(2-row narrow)

516(515)-4/27,29,32
516-4/550





COMMON GAUGE PARTS
FOR ALL MACHINE TYPES
UP TO PAGE 89

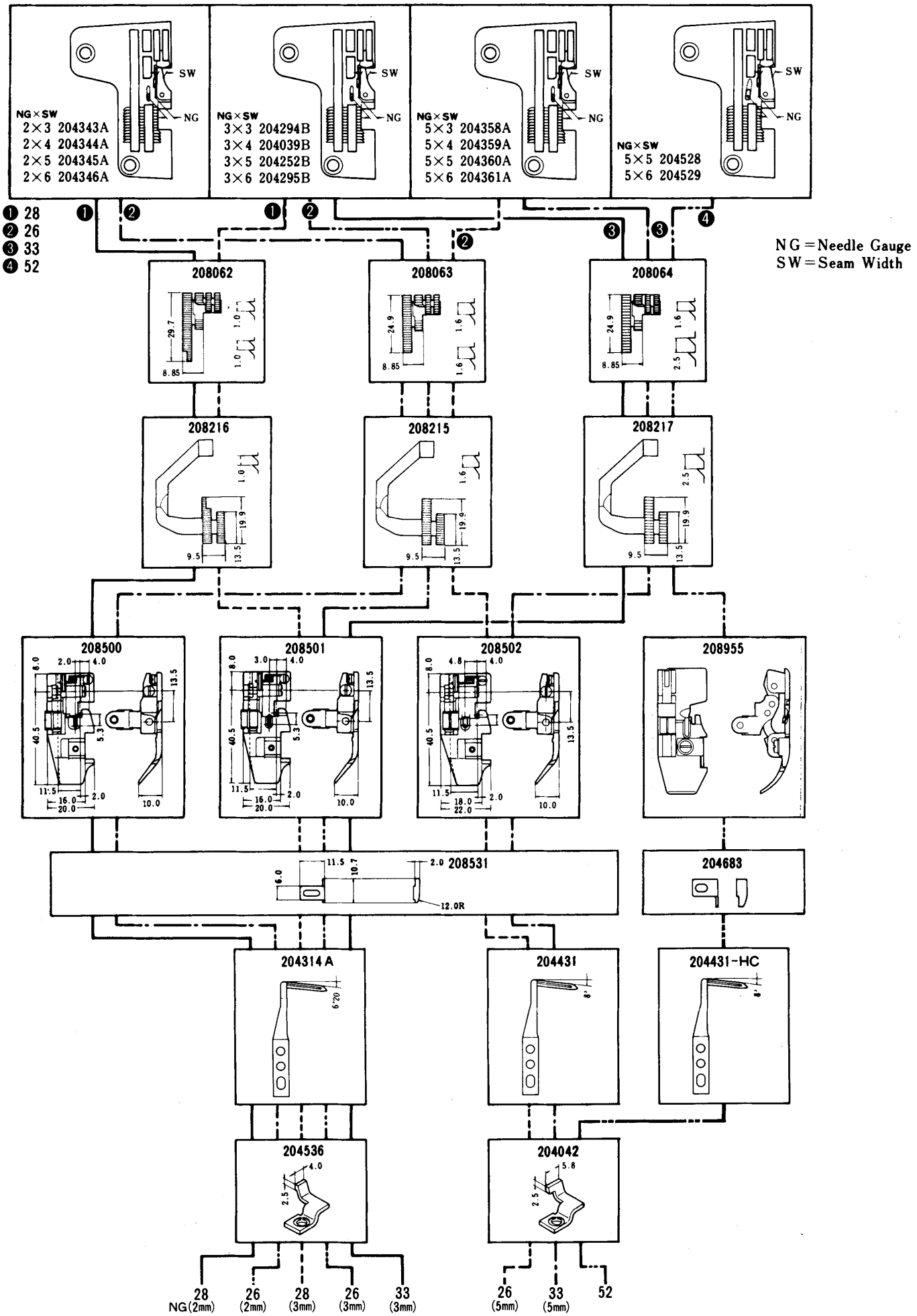


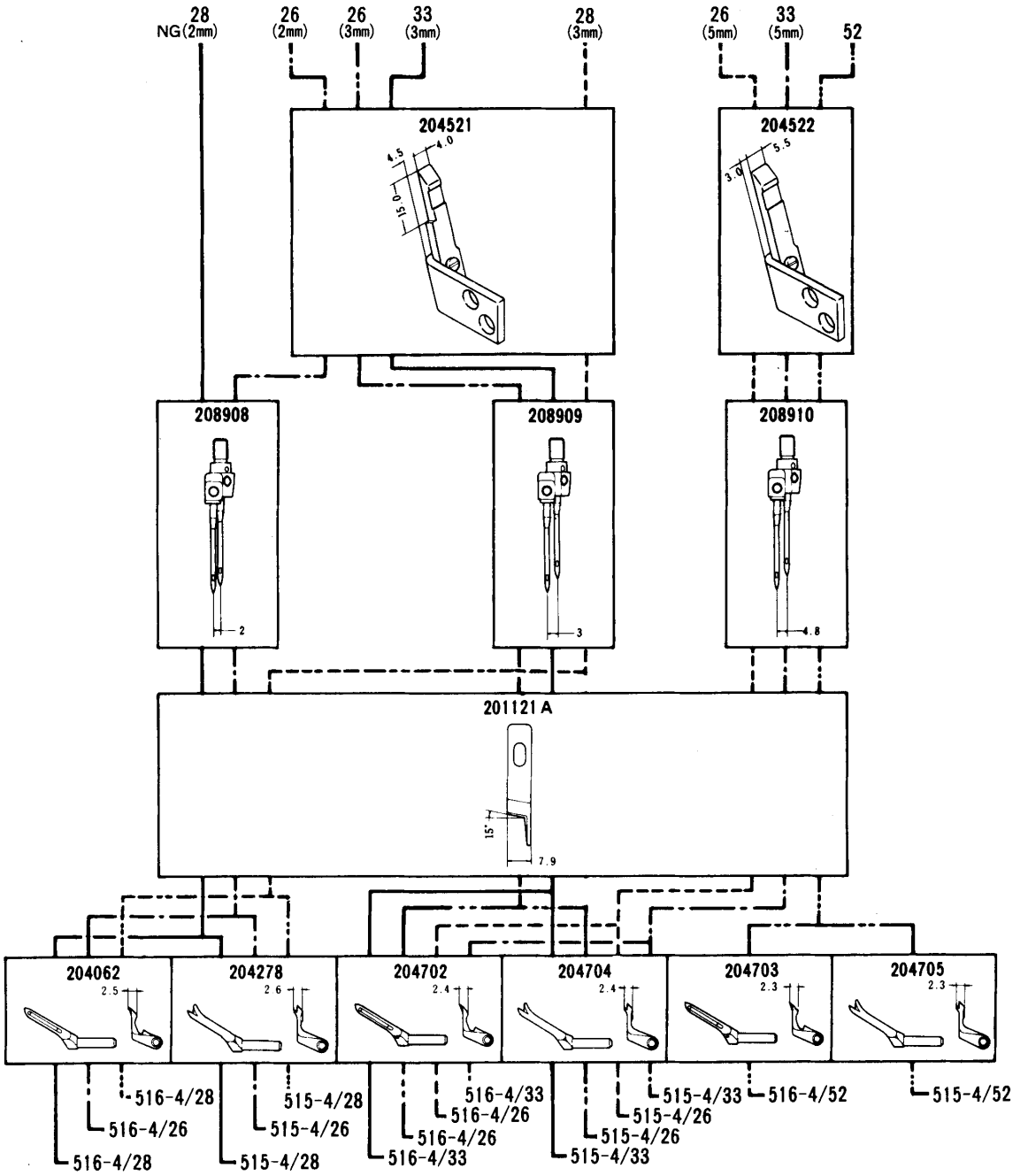
				MEMO	
516(515) -4/27	2	3,4,5,6	0.6~2		Fine tooth pitch makes this ideal for seaming on permapress fabrics, nylon linings etc.
	3	3,4,5,6	0.6~2		
516(515) -4/29	2	3,4,5,6	0.6~2		For general seaming on woven or knit fabrics such as slacks, pajamas, shirts, sweatpants etc.
	3	3,4,5,6	0.6~2		
516(515) -4/32	3	3,4,5,6	0.6~2		For seaming on heavyweight materials.
516-4/550	3	4,5	0.7~2		Fitted with a binding attachment to insert a tape inside seam. Ensures high quality results.

GAUGE PARTS CONSTRUCTION CHART

516(515)-4/28,26,33,52

Feed pattern : 2W(2-row wide)



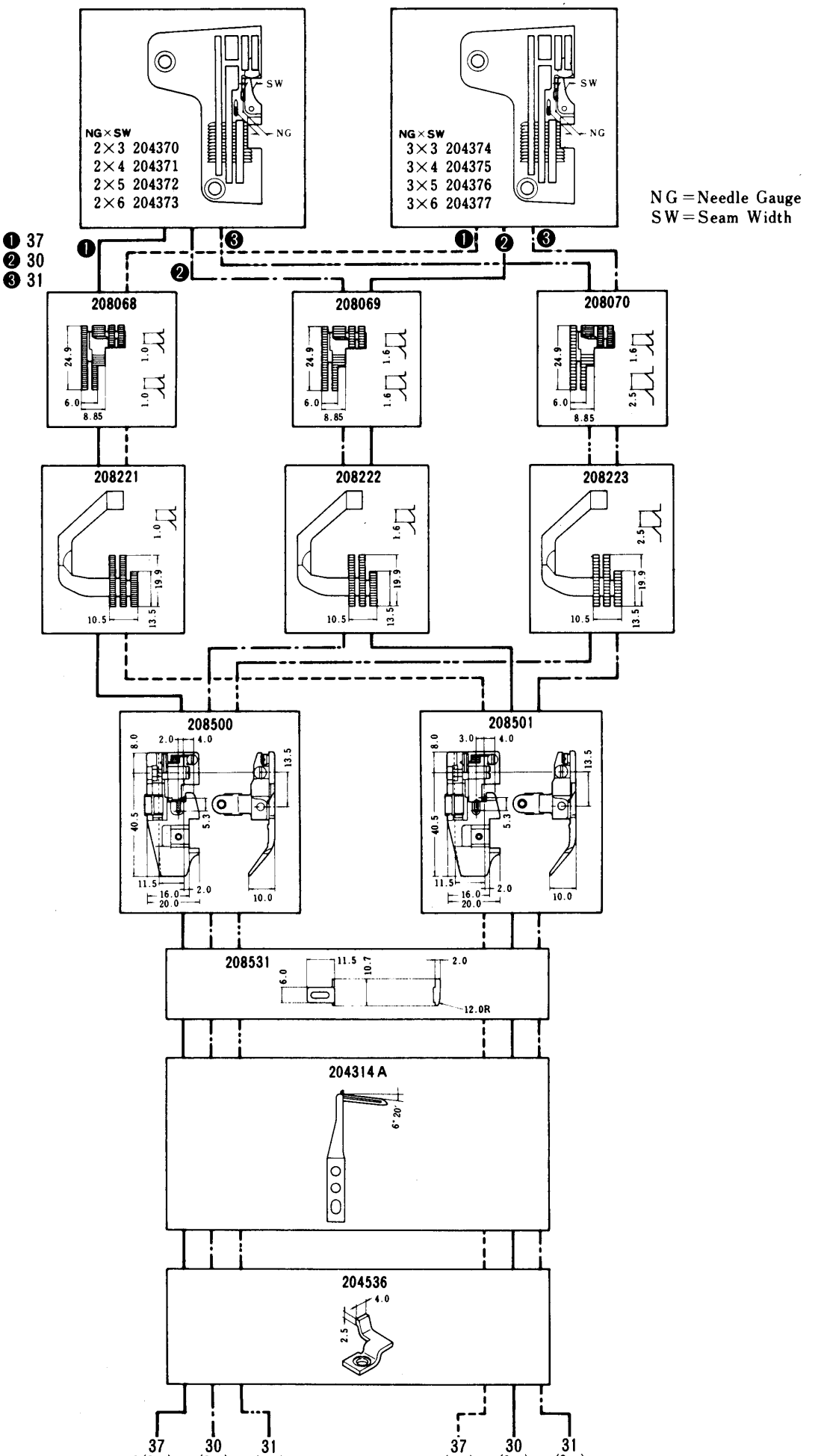


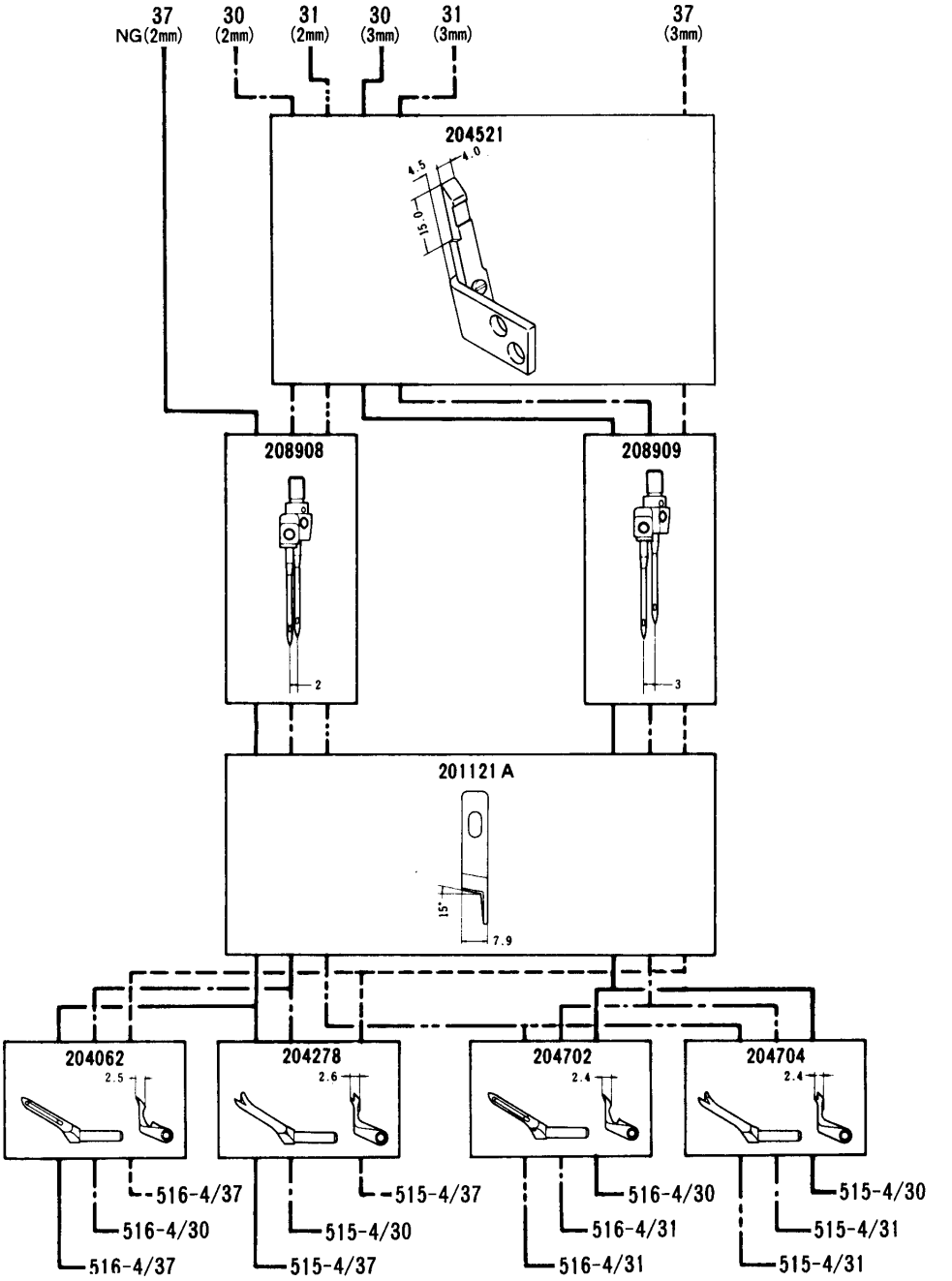
				MEMO	
516(515) -4/28	2	3,4,5,6	0.6~2		Fine tooth pitch makes this ideal for seaming on permapress fabrics, nylon linings etc.
	3	3,4,5,6	0.6~2		
516(515) -4/26	2	3,4,5,6	0.6~2		For general seaming on woven or knit fabrics such as slacks, pajamas, shirts, sweatpants etc.
	3	3,4,5,6	0.6~2		
	5	3,4,5,6	0.6~2		
516(515) -4/33	3	3,4,5,6	0.6~2		For seaming on heavyweight materials.
	5	3,4,5,6	0.6~2		
516(515) -4/52	5	5,6	0.6~2		Fitted with caterpillar foot for trouble-free seaming on jeans, workwear etc.

GAUGE PARTS
CONSTRUCTION CHART

516 (515) -4/37, 30, 31 (NG=2mm·3mm)

Feed pattern : 3W(3-row wide)



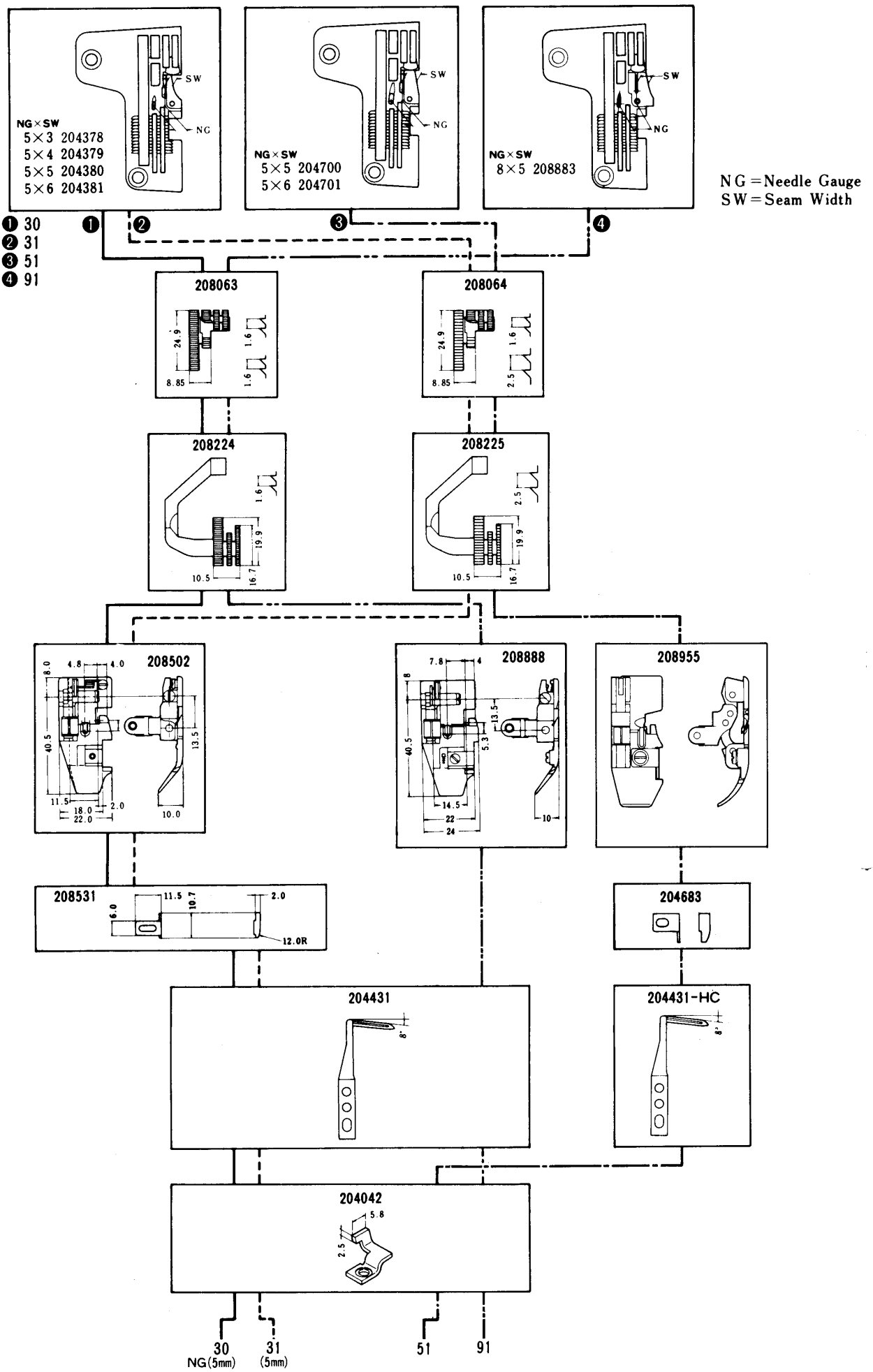


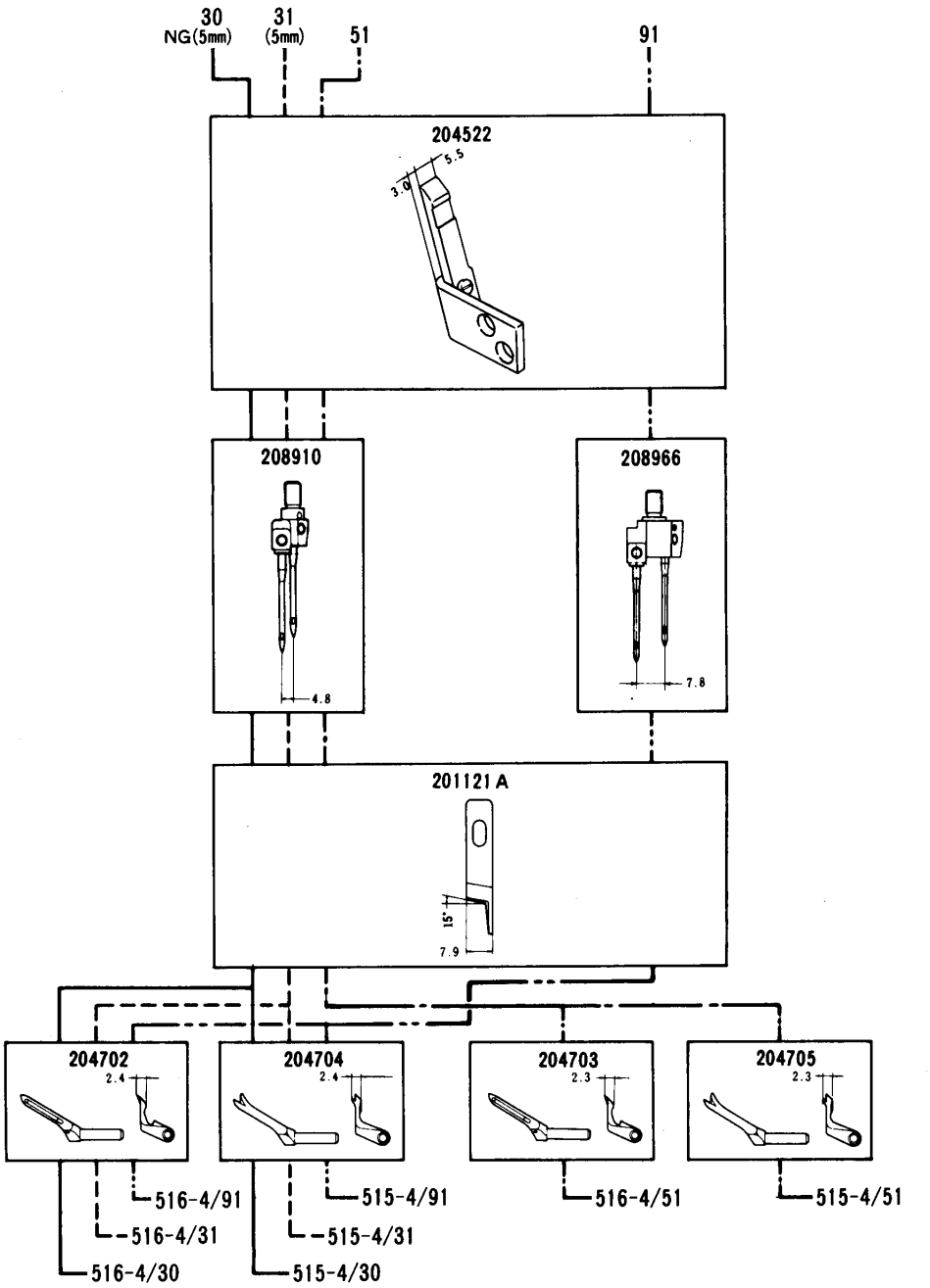
				MEMO	
516(515) -4/37	2	3,4,5,6	0.6~2		Fine tooth pitch makes this ideal for seaming on permapress fabrics, nylon linings etc.
	3	3,4,5,6	0.6~2		
516(515) -4/30	2	3,4,5,6	0.6~2		For general seaming on woven or knit fabrics such as slacks, pajamas, shirts, sweatpants etc.
	3	3,4,5,6	0.6~2		
516(515) -4/31	2	3,4,5,6	0.6~2		For seaming on heavyweight materials.
	3	3,4,5,6	0.6~2		

GAUGE PARTS CONSTRUCTION CHART

Feed pattern : 3W(3-row wide)

516(515)-4/30, 31 (NG=5mm)
516(515)-4/51, 91

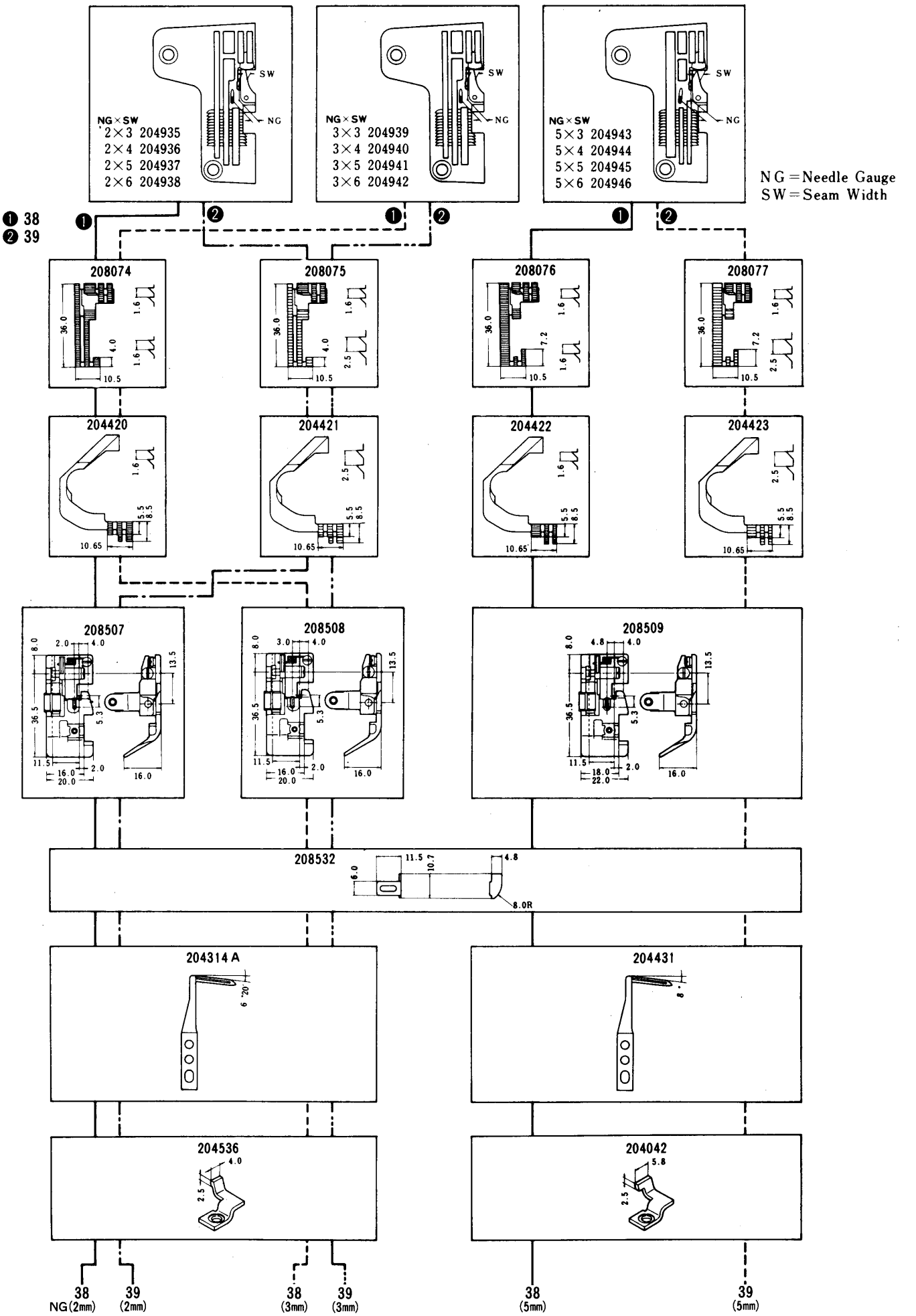


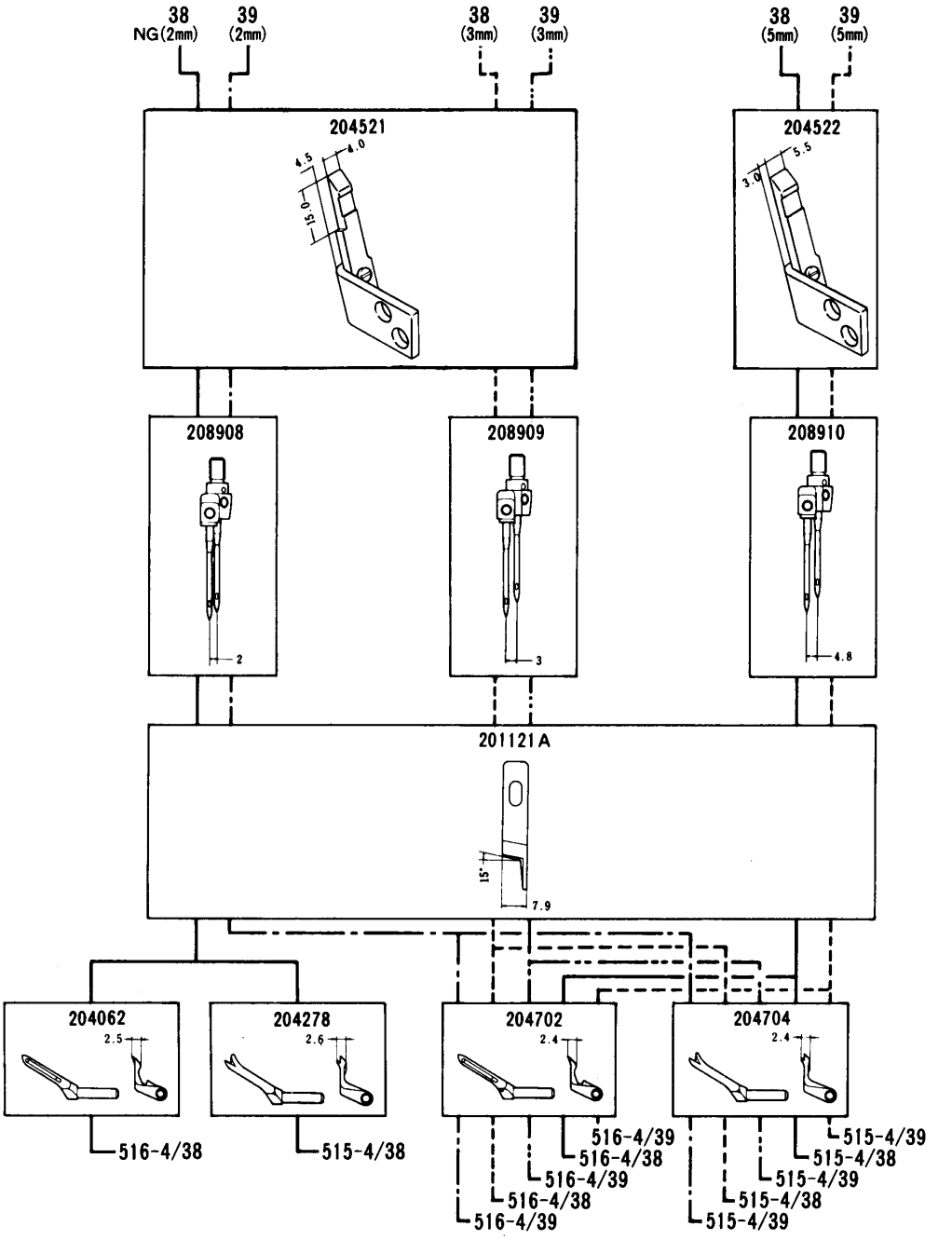


				MEMO	
516(515) -4/30	5	3,4,5,6	0.6~2		For general seaming on woven or knit fabrics such as slacks, pajamas, shirts, sweatpants etc.
516(515) -4/31	5	3,4,5,6	0.6~2		For seaming on heavyweight materials.
516(515) -4/51	5	5,6	0.6~2		Fitted with caterpillar foot for trouble-free seaming on jeans, workwear etc.
516(515) -4/91	8	5	0.6~2		Extra wide needle gauge. Seaming on light to medium woven or knit fabrics such as blouse.

516 (515) -4/38, 39

Shirring machine models



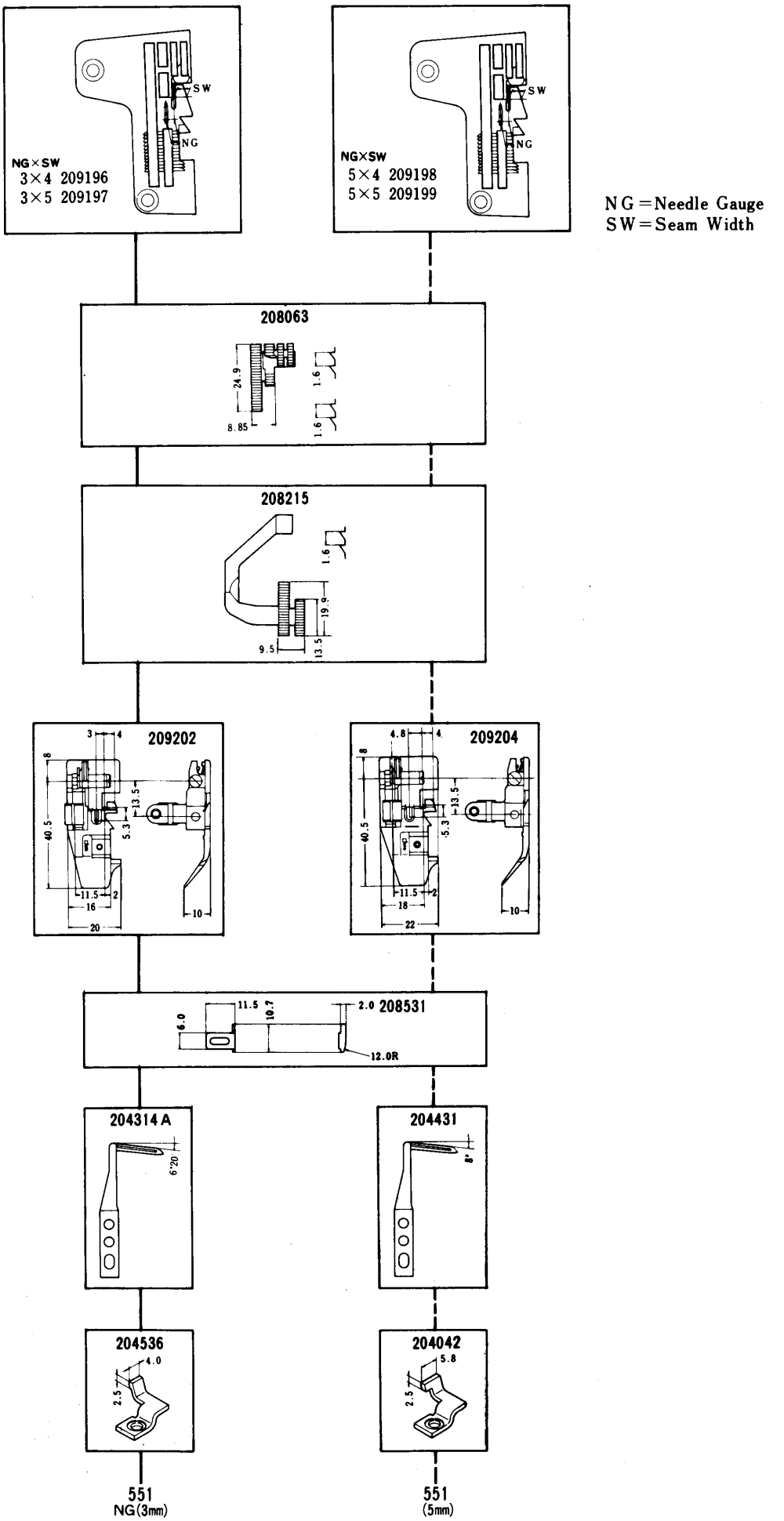


				MEMO	
516(515) -4/38	2	3,4,5,6	1~3		For intermittent shirring on light to medium weight materials such as negligee, curtains etc.
	3	3,4,5,6	1~3		
	5	3,4,5,6	1~3		
516(515) -4/39	2	3,4,5,6	1~3		For intermittent shirring on heavy weight materials such as curtains, bed spreaders, gowns etc.
	3	3,4,5,6	1~3		
	5	3,4,5,6	1~3		

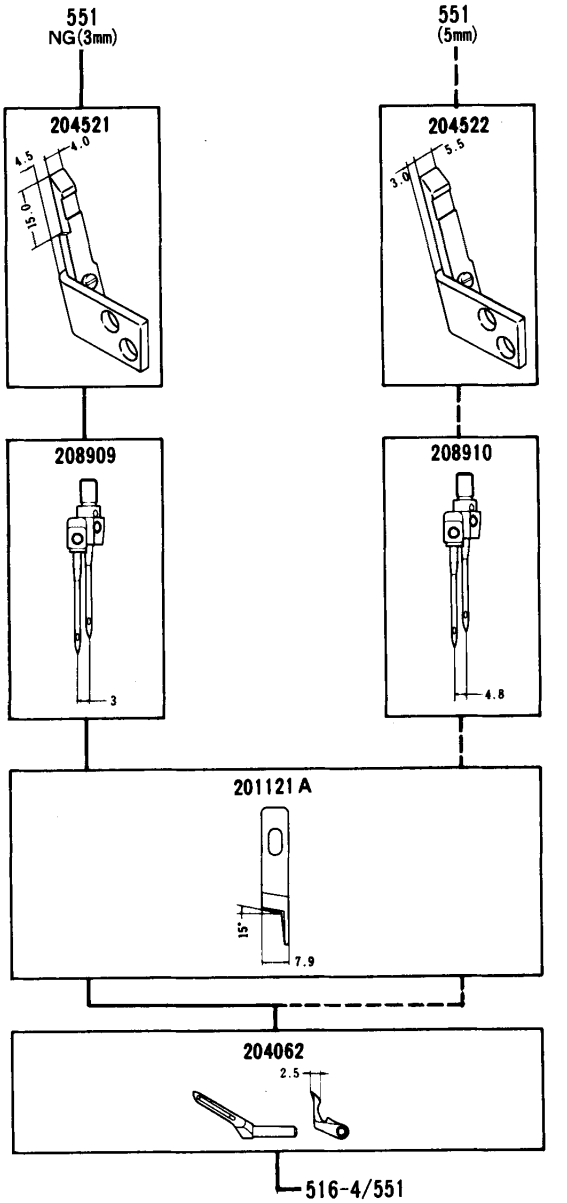
GAUGE PARTS CONSTRUCTION CHART

516-4/551

Feed pattern : 2W(2-row wide)



NG = Needle Gauge
SW = Seam Width

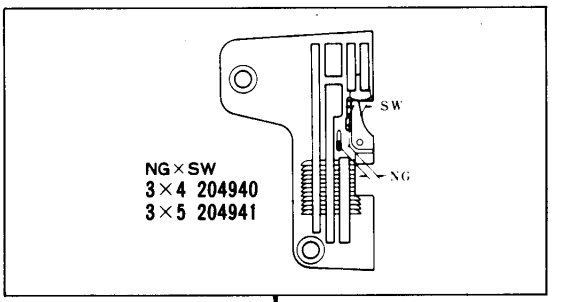


				MEMO	
516-4/551	3 5	4,5	0.7~2		Fitted with a binding attachment to insert a tape inside seam. Ensures high quality results.

GAUGE PARTS CONSTRUCTION CHART

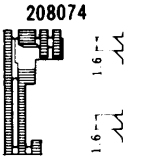
Feed pattern : 3W (3-row wide)

516-4/38P1 (P2)

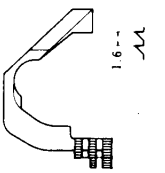


NG = Needle Gauge
SW = Seam Width

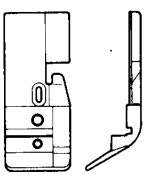
208074



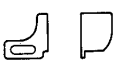
204420



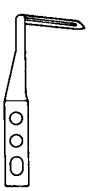
204502A



204460



204314A

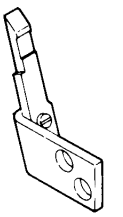


204536

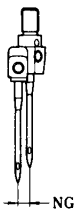
38P1(P2)

38P1(P2)

204521

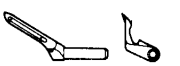


NG
3 208909



201121A

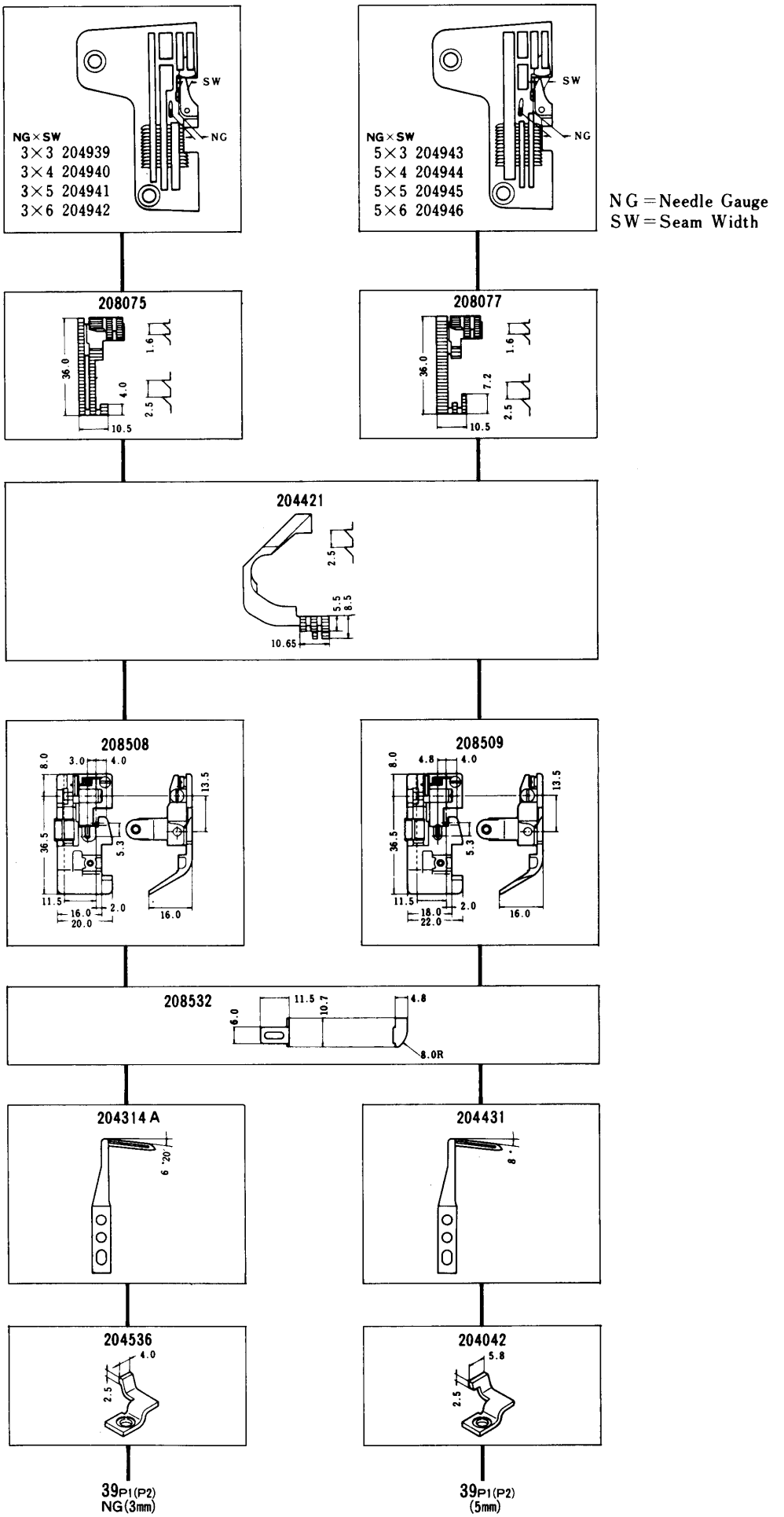
204702

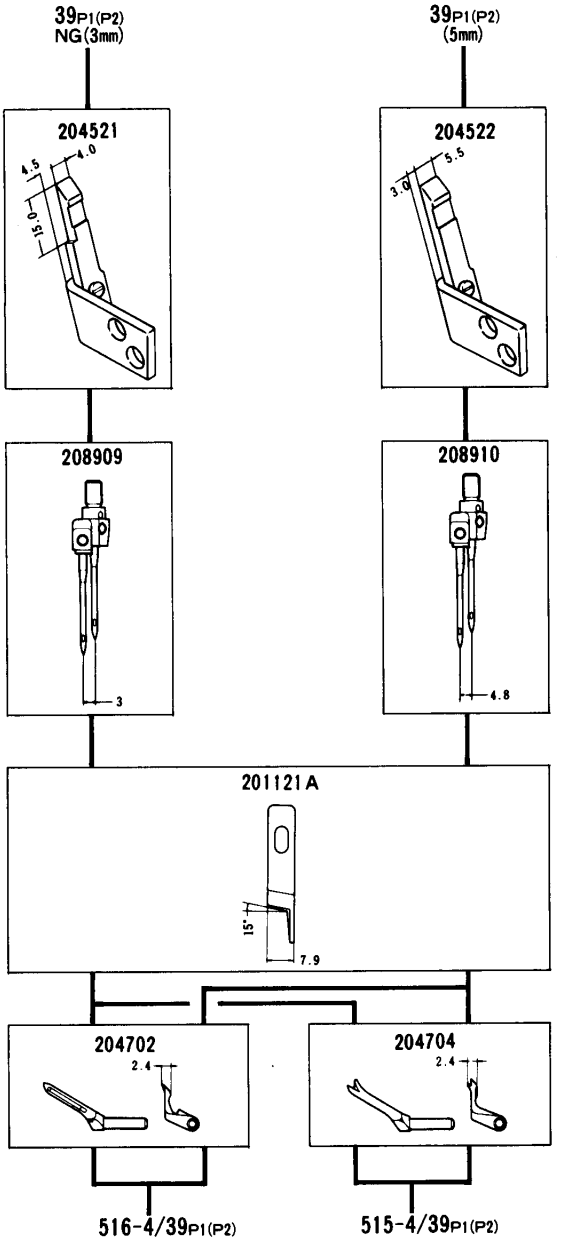


516-4/38P1(P2)

	mm			MEMO	
516-4/38P1 516-4/38P2	3	4,5	1～3		For shirring/piping on light to medium weight fabrics such as knit shirts, sweat pants, pajamas, womens' and kids'clothes.

516 (515) -4/39P1 (P2)

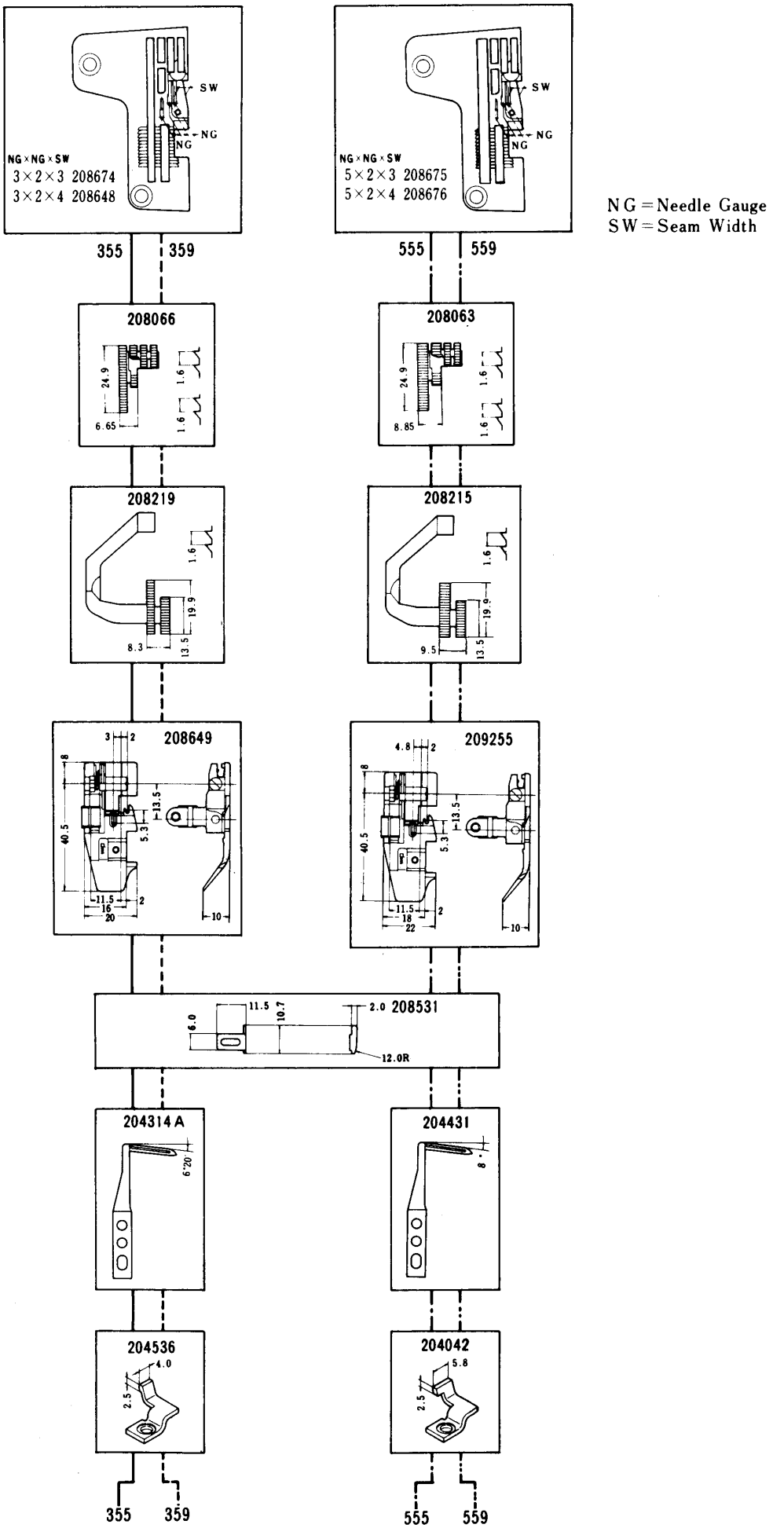


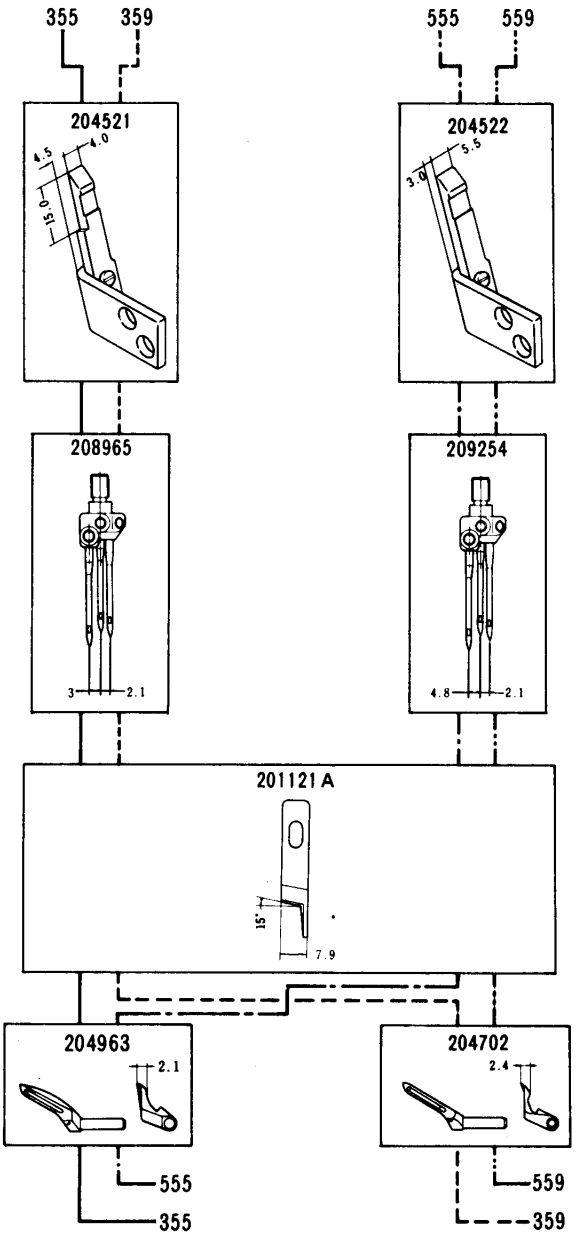

39P1(P2)
NG(3mm)
39P1(P2)
(5mm)
204521
4.5
4.0
15°
204522
5.5
3.0
208909
3
208910
4.8
201121A
15°
7.9
204702
2.4
204704
2.4
516-4/39P1(P2)
515-4/39P1(P2)

GAUGE PARTS
CONSTRUCTION CHART

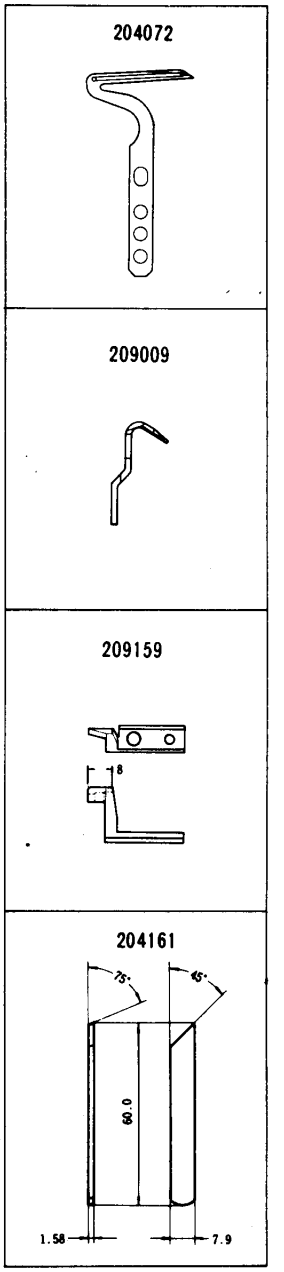
355, 359, 555, 559

Feed pattern : 2N (2-row narrow)
2W (2-row wide)





COMMON GAUGE PARTS

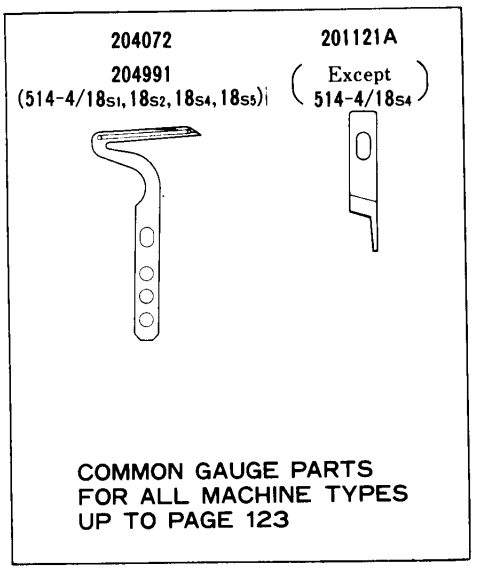


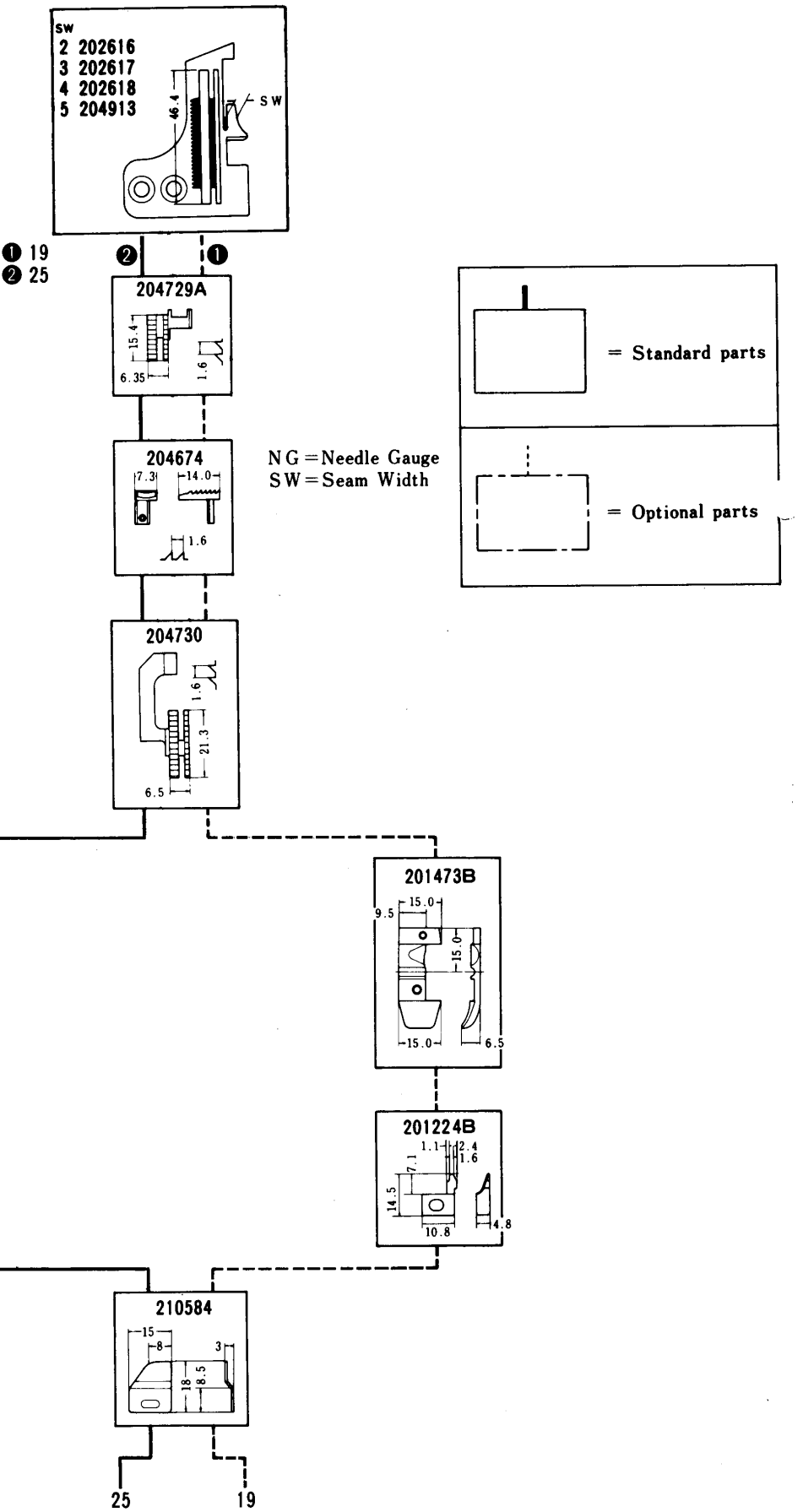
				MEMO	
355	3×2	3,4	0.6~2		Versatile high speed machines. Five different stitch types make them especially suitable for short run, high fashion locations. Two further stitch types (503, 515) can be obtained merely by changing the upper looper.
359	3×2	3,4	0,6~2		
555	5×2	3,4	0.6~2		
559	5×2	3,4	0.6~2		

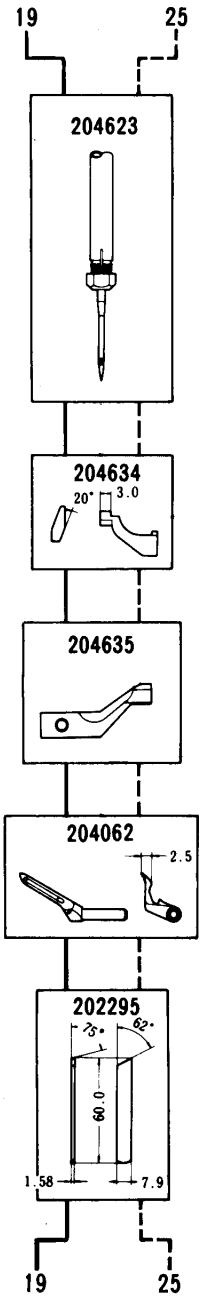
GAUGE PARTS CONSTRUCTION CHART

505-4/25
504-4/19

Feed pattern : 2-row
Chaining land : no





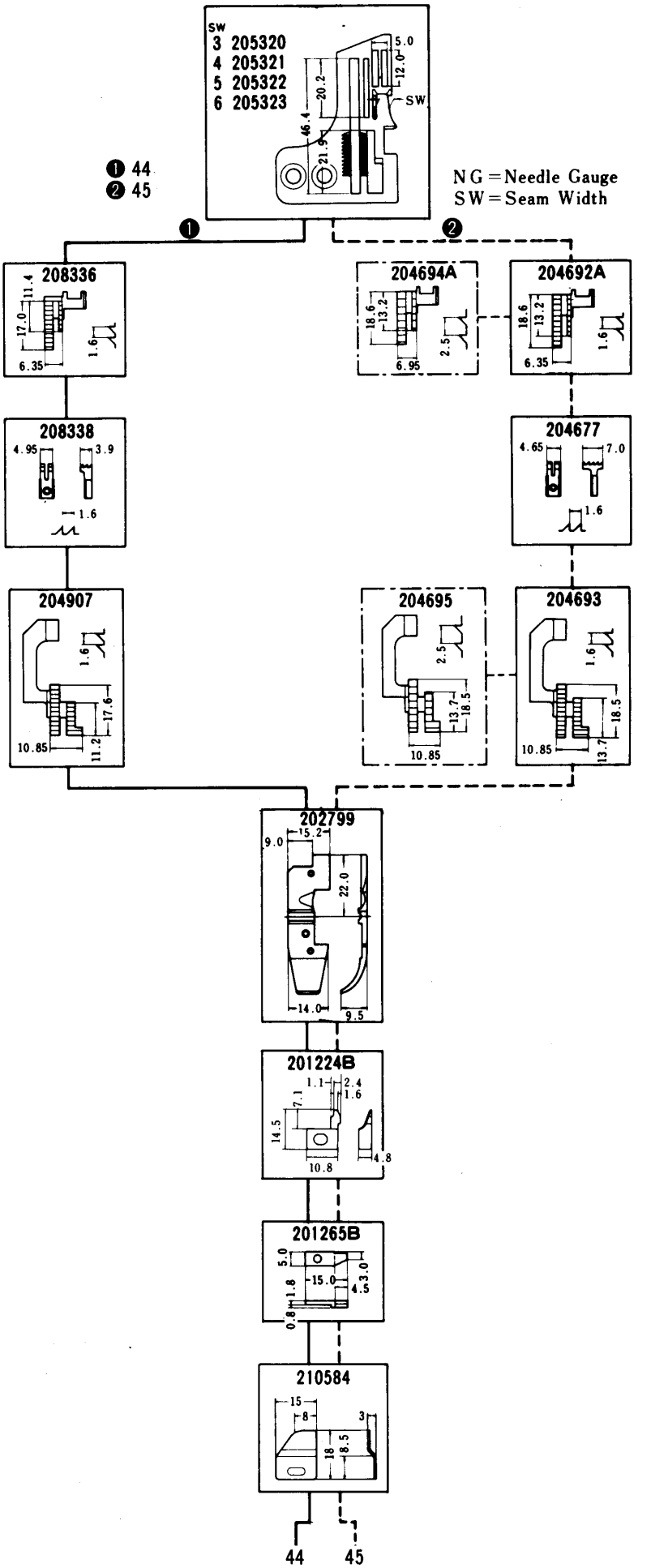


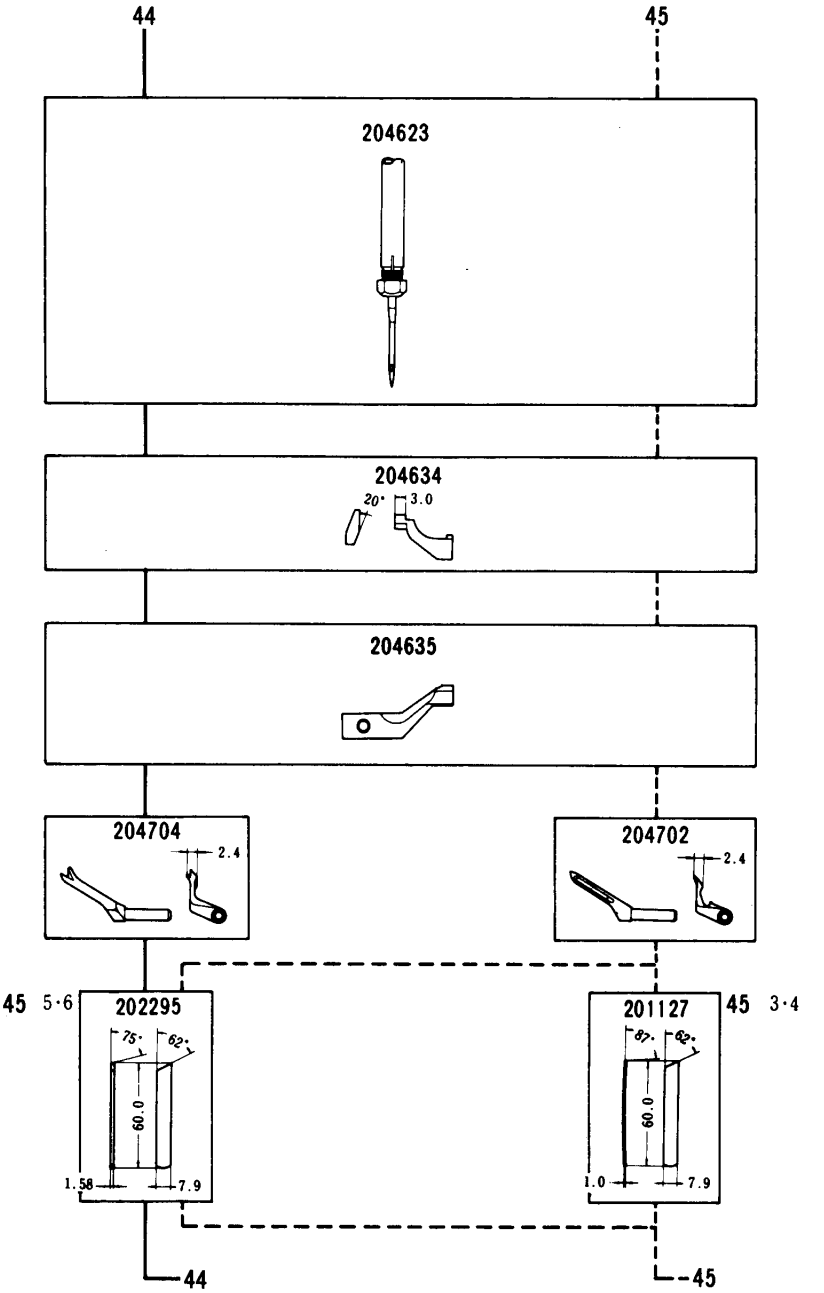
				MEMO	
505-4/25	2,3,4,5	505	0.6~2		Three thread blindstitch hemming on U-necked undershirts athletic shirts, mens and womens briefs etc.
504-4/19	2,3,4,5	504	0.6~2		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.

GAUGE PARTS CONSTRUCTION CHART

Feed pattern : 2-row
Chaining land : yes

503-4/44
504-4/45



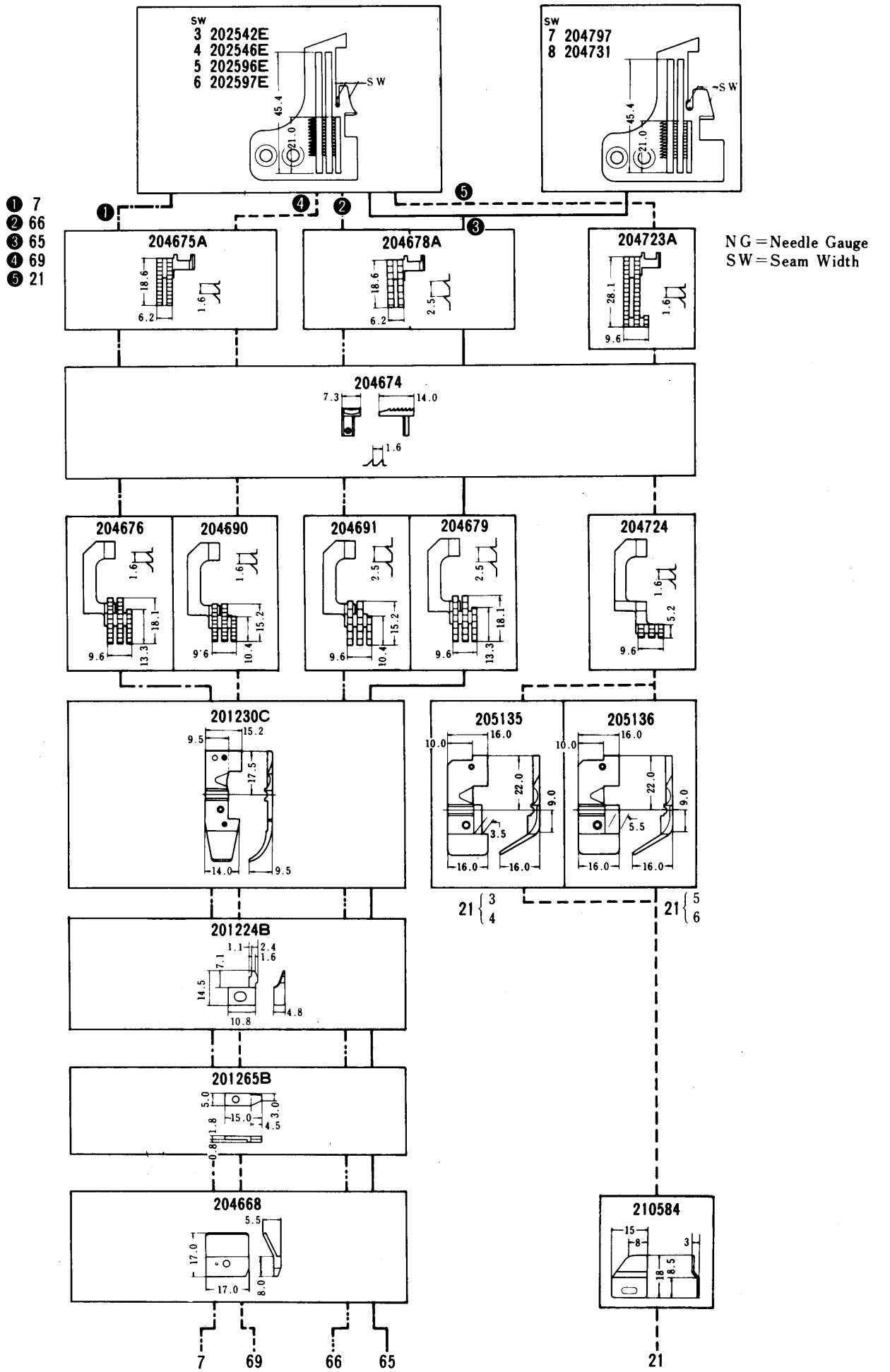


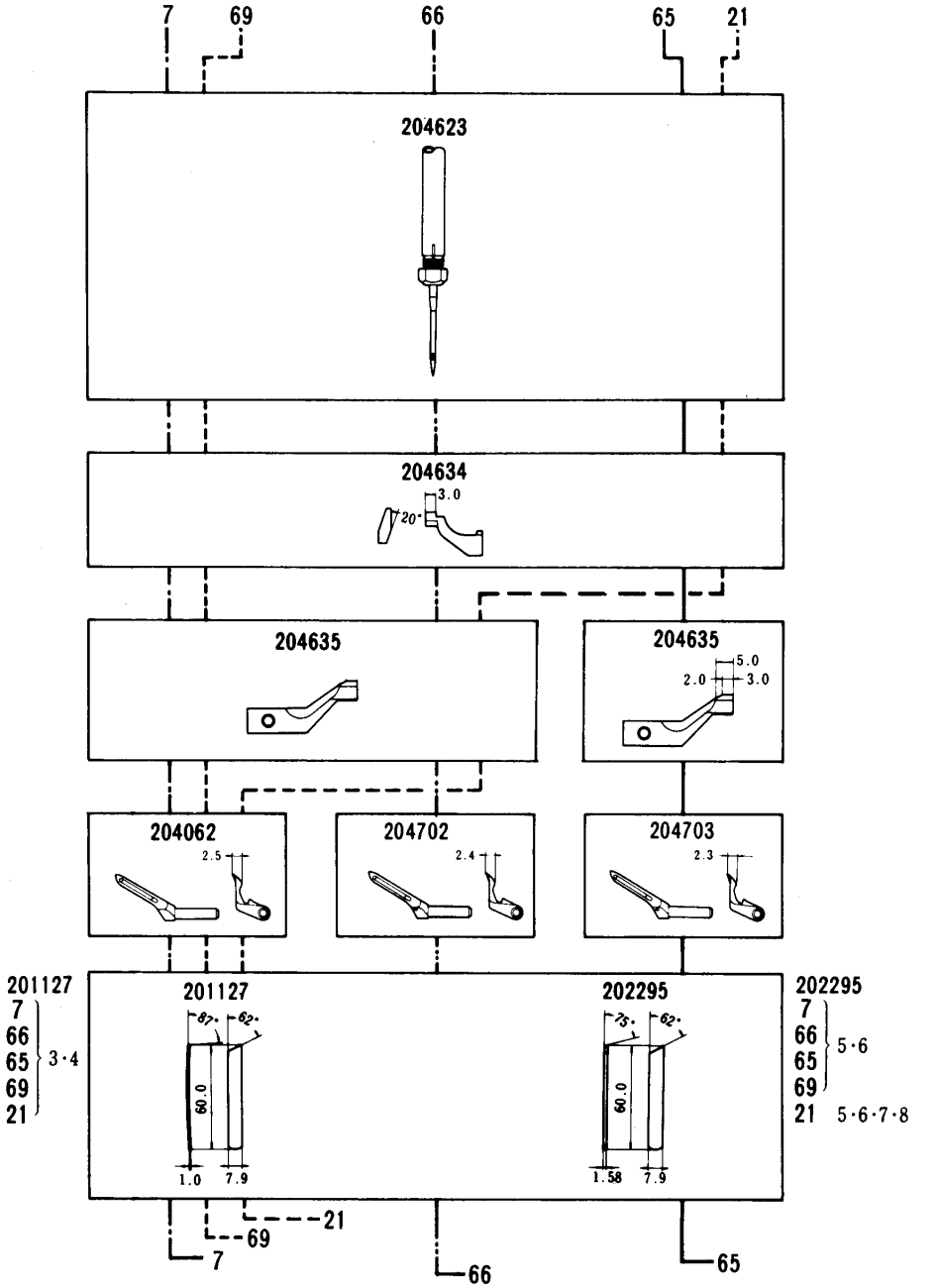
				MEMO	
503-4/44	3,4,5,6	503	0.6~1.3		General serging operations on slacks, jackets working wear etc.
504-4/45	3,4,5,6	504	0.6~2		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.

GAUGE PARTS
CONSTRUCTION CHART

504-4/7, 66, 65, 69, 21

Feed pattern : 3-row
Chaining land : no



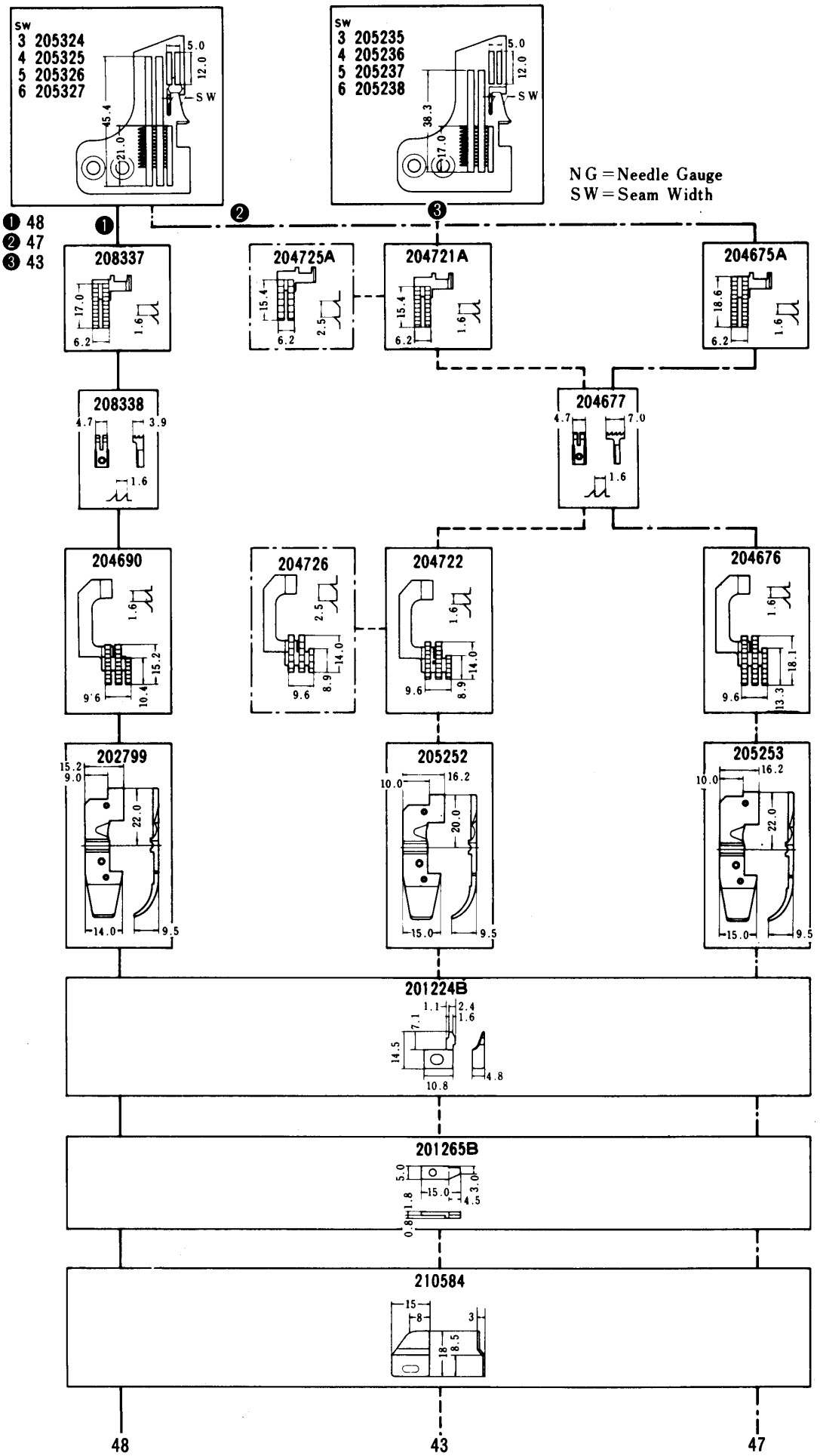


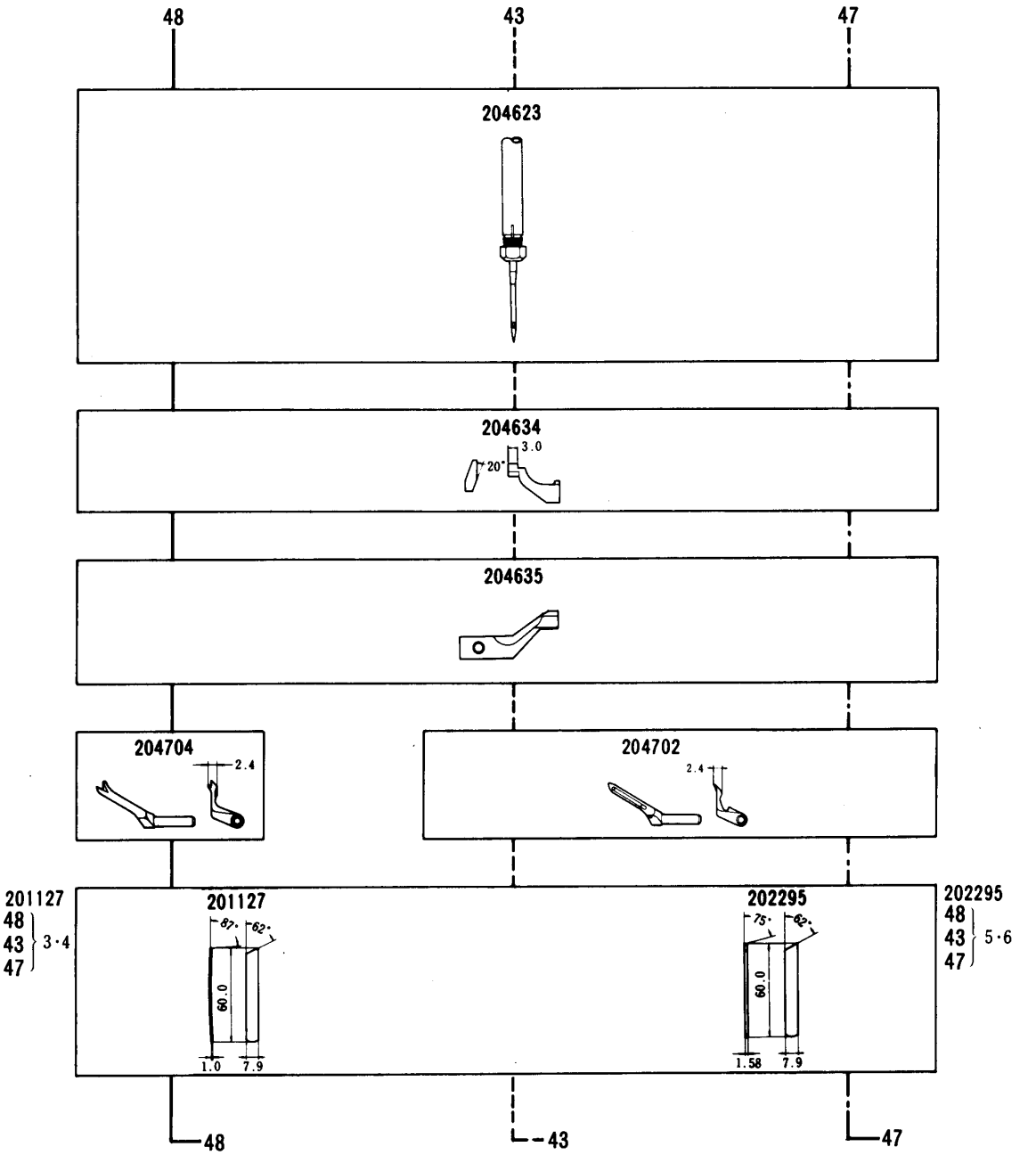
				MEMO	
504-4/7	3,4,5,6	504	0.6~2		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.
504-4/66	3,4,5,6	504	1~3		Specially designed for seaming bulky knit materials such as sweaters, cardigans etc.
504-4/65	3,4,5,6 7,8	504	0.6~2		Seaming or serging on extra heavy weight materials such as jeans.
504-4/69	3,4,5,6	504	1~3		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.
504-4/21	3,4,5,6	504	1~3		Single needle overedgers for intermittent shirring on light to medium weight materials such as negligee, curtains etc.

GAUGE PARTS CONSTRUCTION CHART

503-4/48
504-4/43, 47

Feed pattern : 3-row
Chaining land : yes



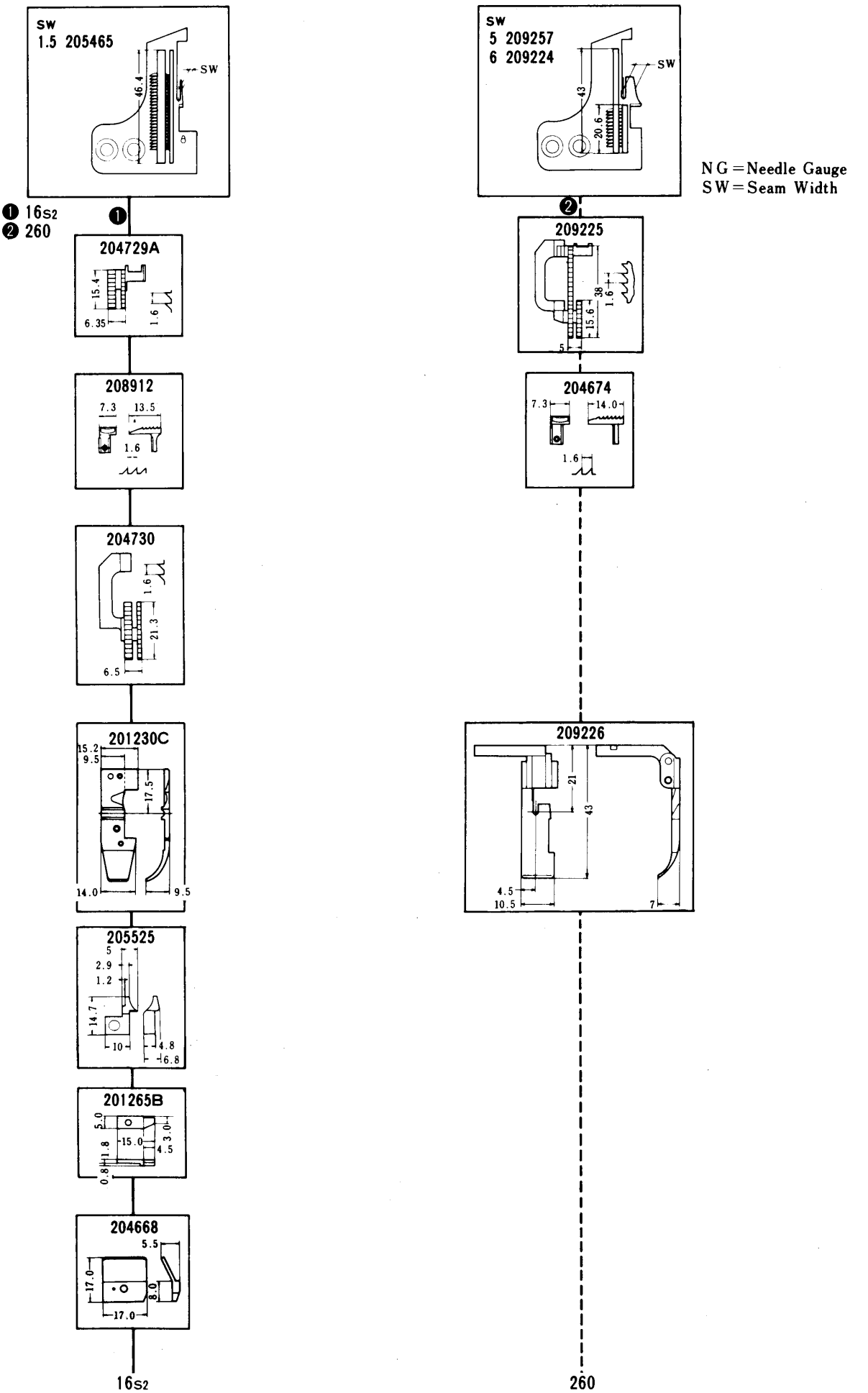


				MEMO	
503-4/48	3,4,5,6	503	0.6~1.3		General serging operations on slacks, jackets working wear etc.
504-4/43	3,4,5,6	504	0.6~2		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.
504-4/47	3,4,5,6	504	0.6~2		Seaming on medium heavy materials such as bed spreaders, chair covers etc.

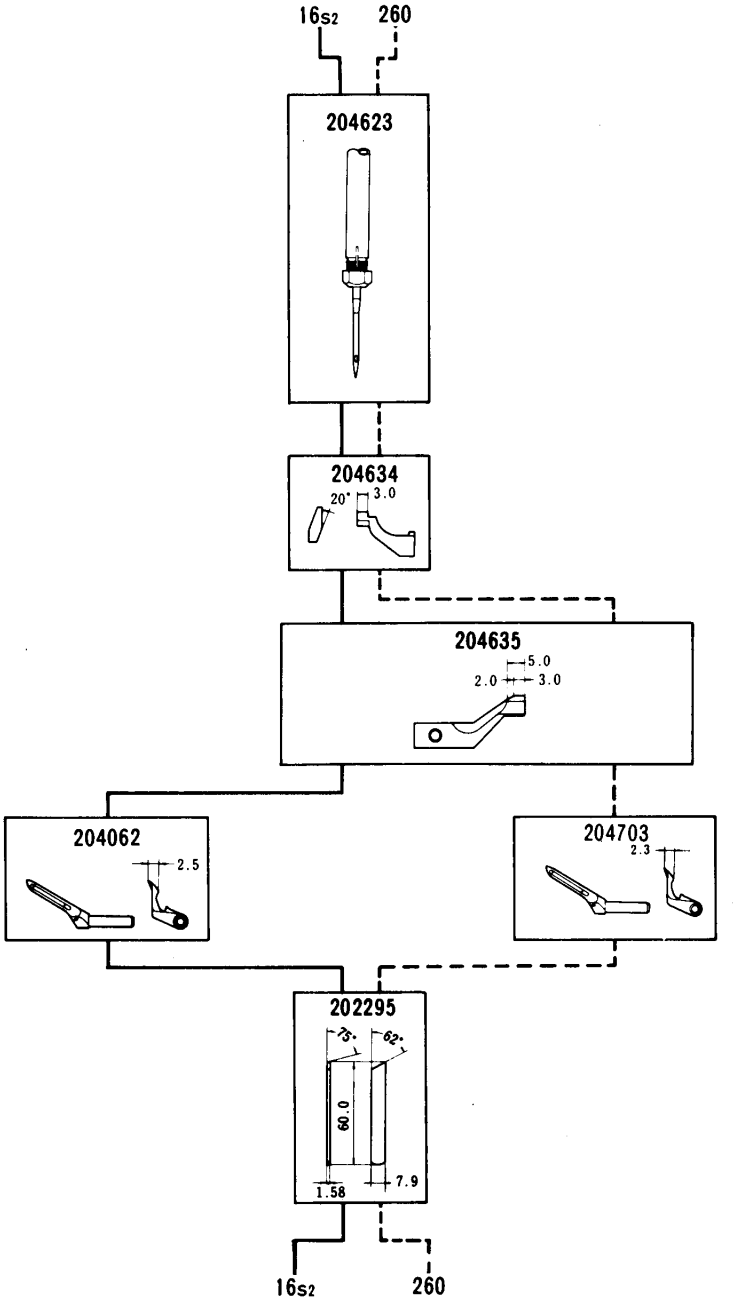
GAUGE PARTS CONSTRUCTION CHART

504-4/16S2, 260

Feed pattern : 2-row, 1-row
Chaining land : no



NG = Needle Gauge
SW = Seam Width

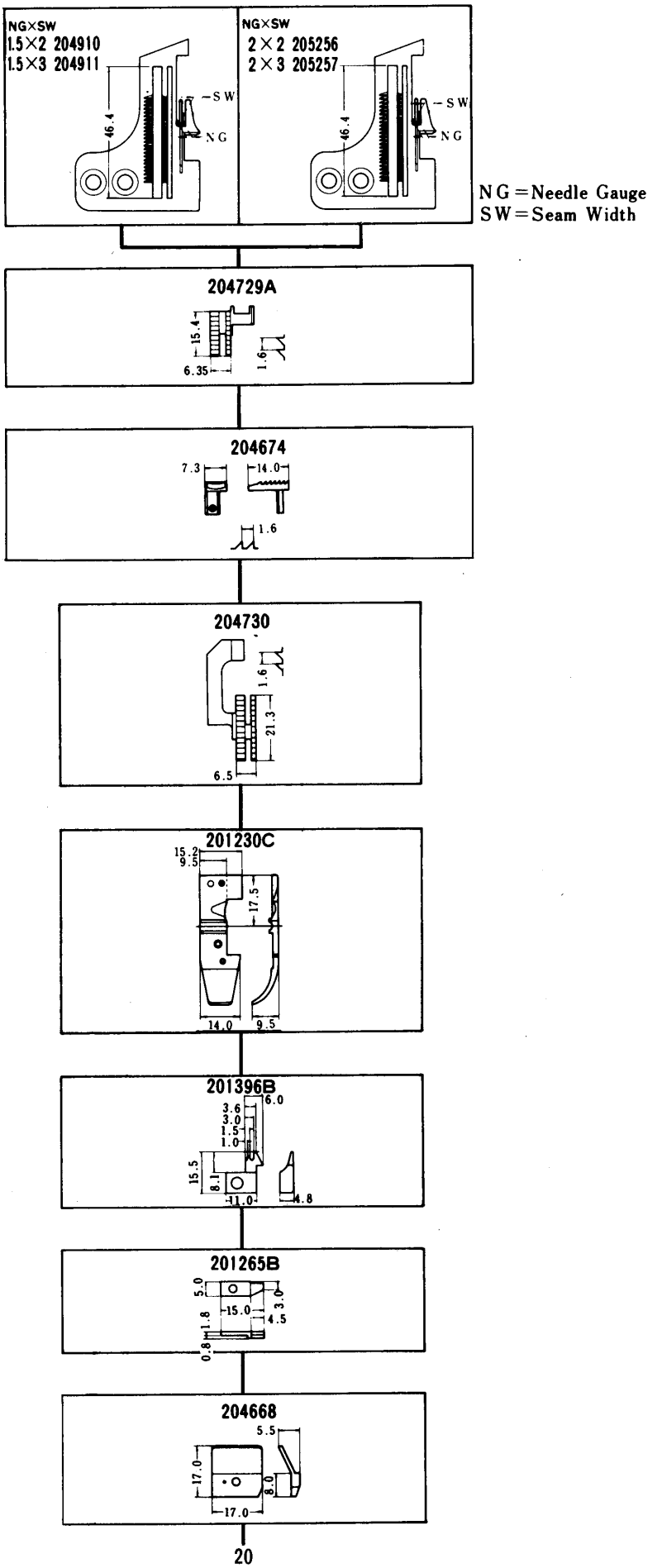


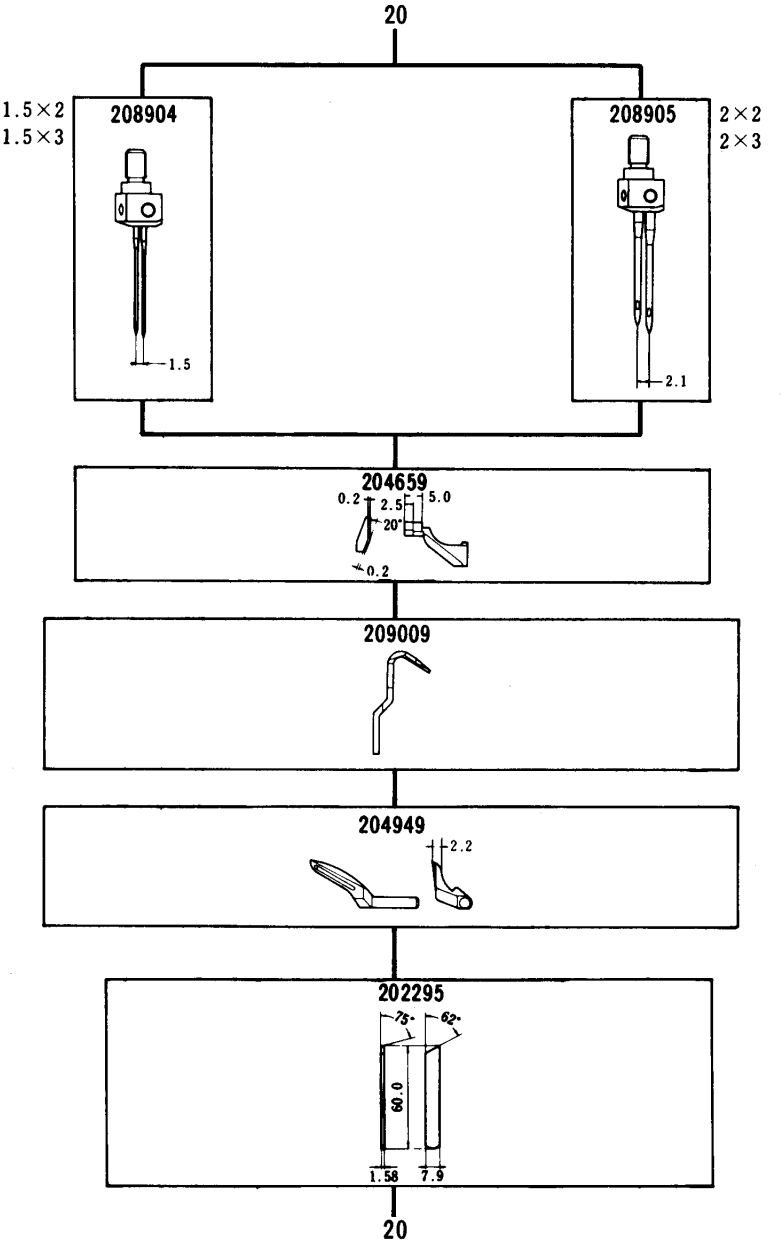
				MEMO	
504-4/16S2	1.5	504	0.6~2		Three thread overedger for turndown hemming on lightweight materials such as handkerchiefs, curtains etc.
504-4/260	5.6	504			Attaching zipper.

GAUGE PARTS CONSTRUCTION CHART

514-4/20

Feed pattern : 2-row
•Chaining land : no



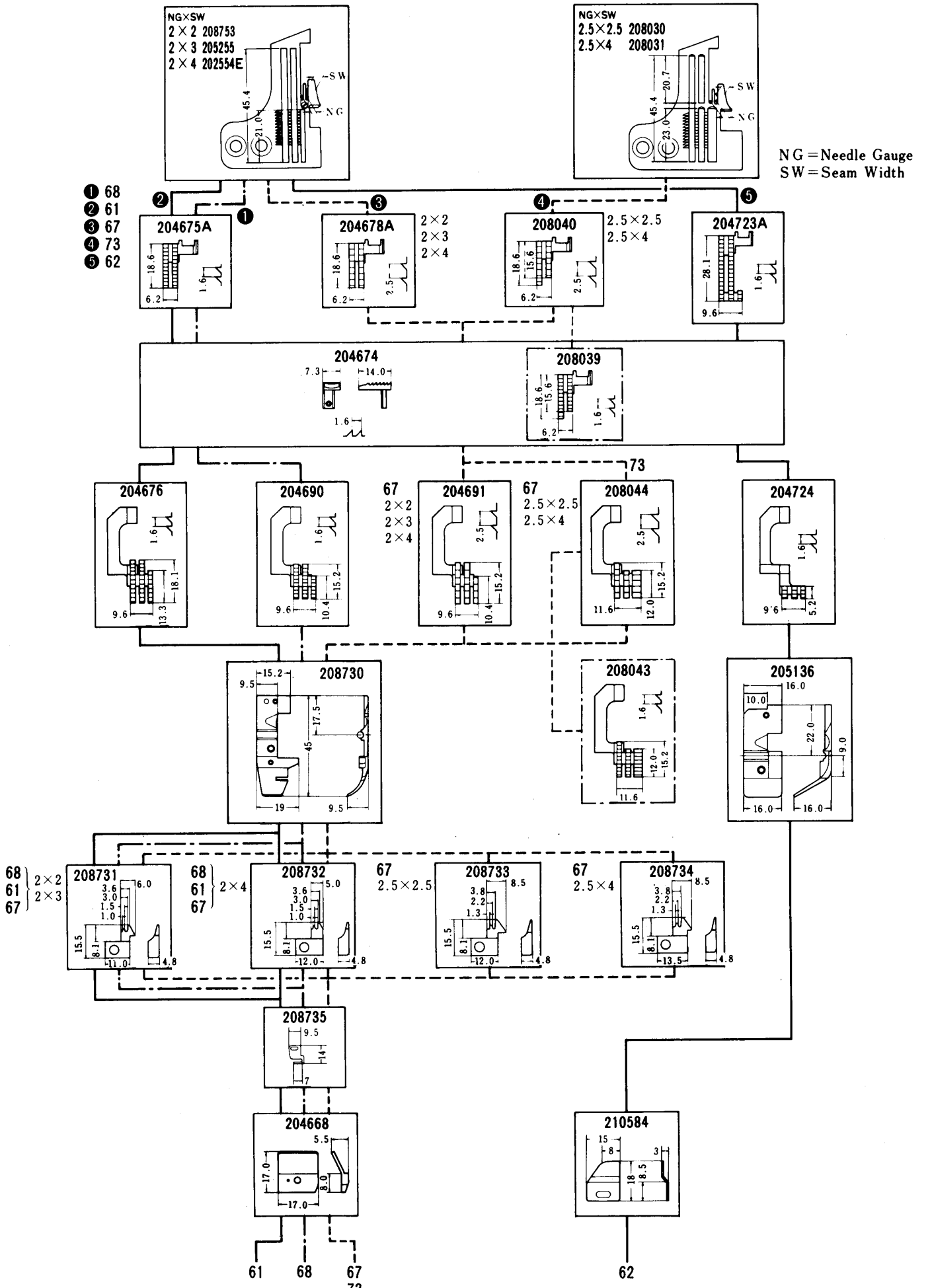


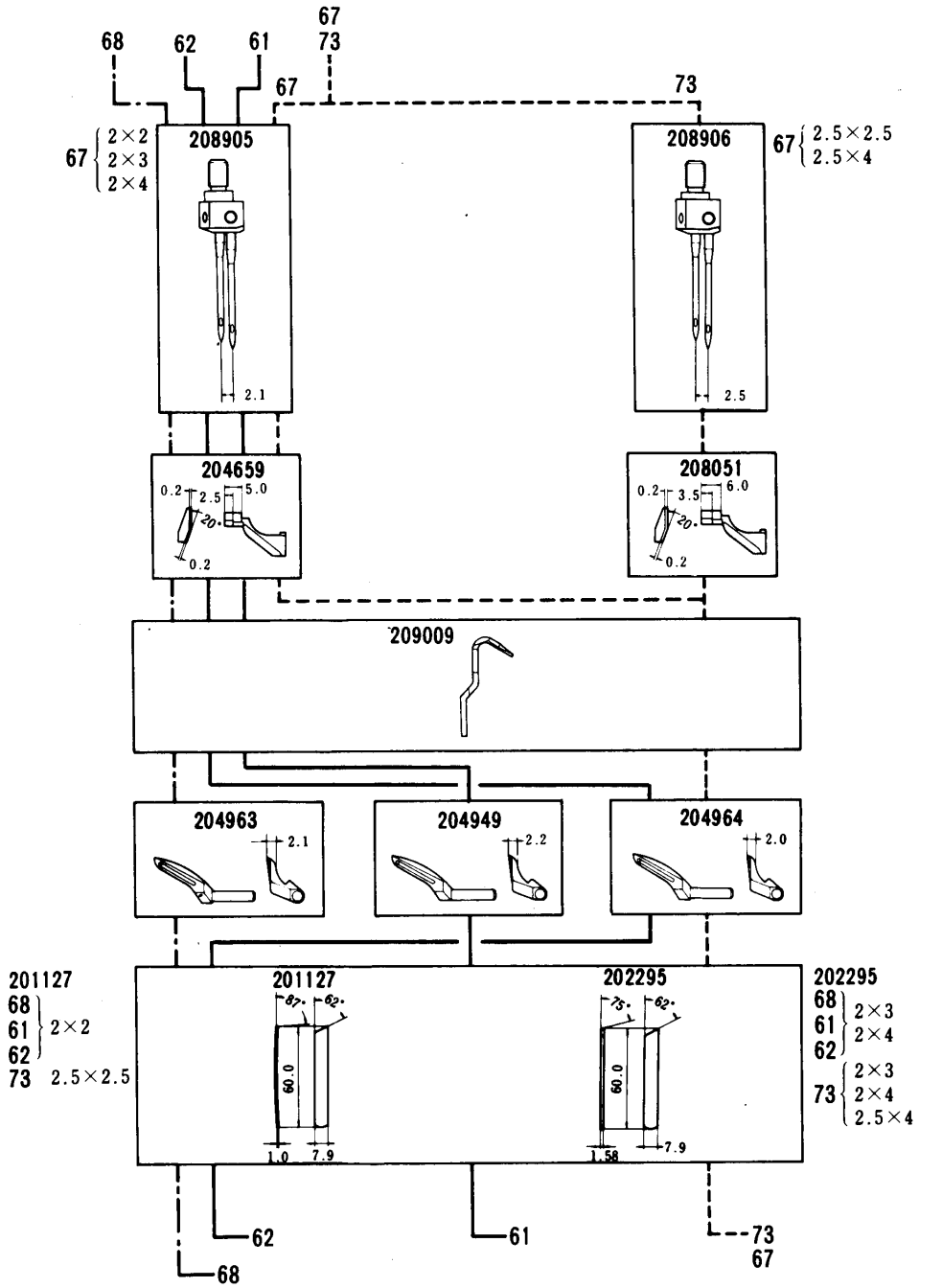
					MEMO	
514-4/20	1.5 2	2,3	514	0.6~2		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.

GAUGE PARTS CONSTRUCTION CHART

514-4/68, 61, 62, 67, 73

Feed pattern : 3-row
Chaining land : no



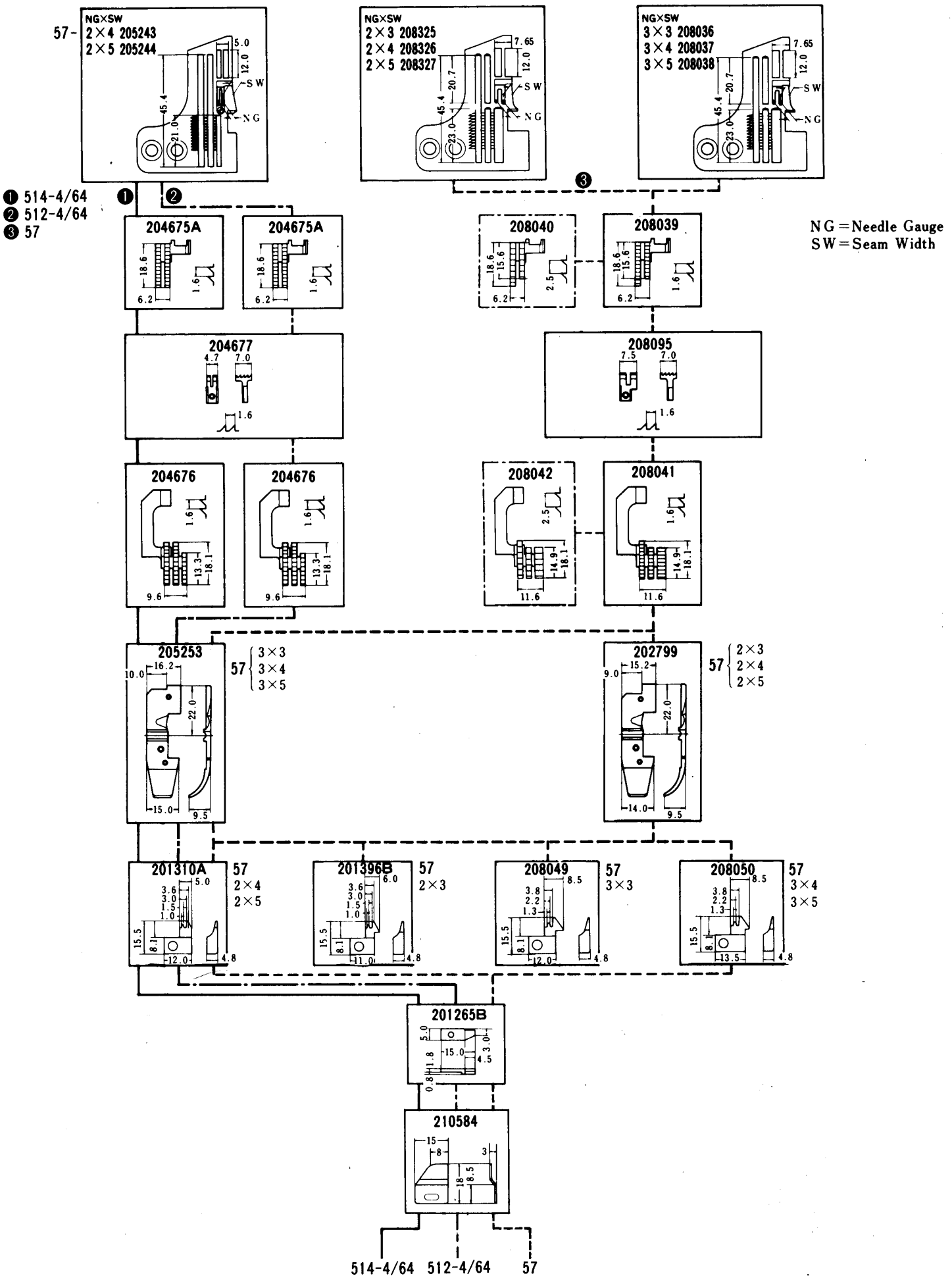


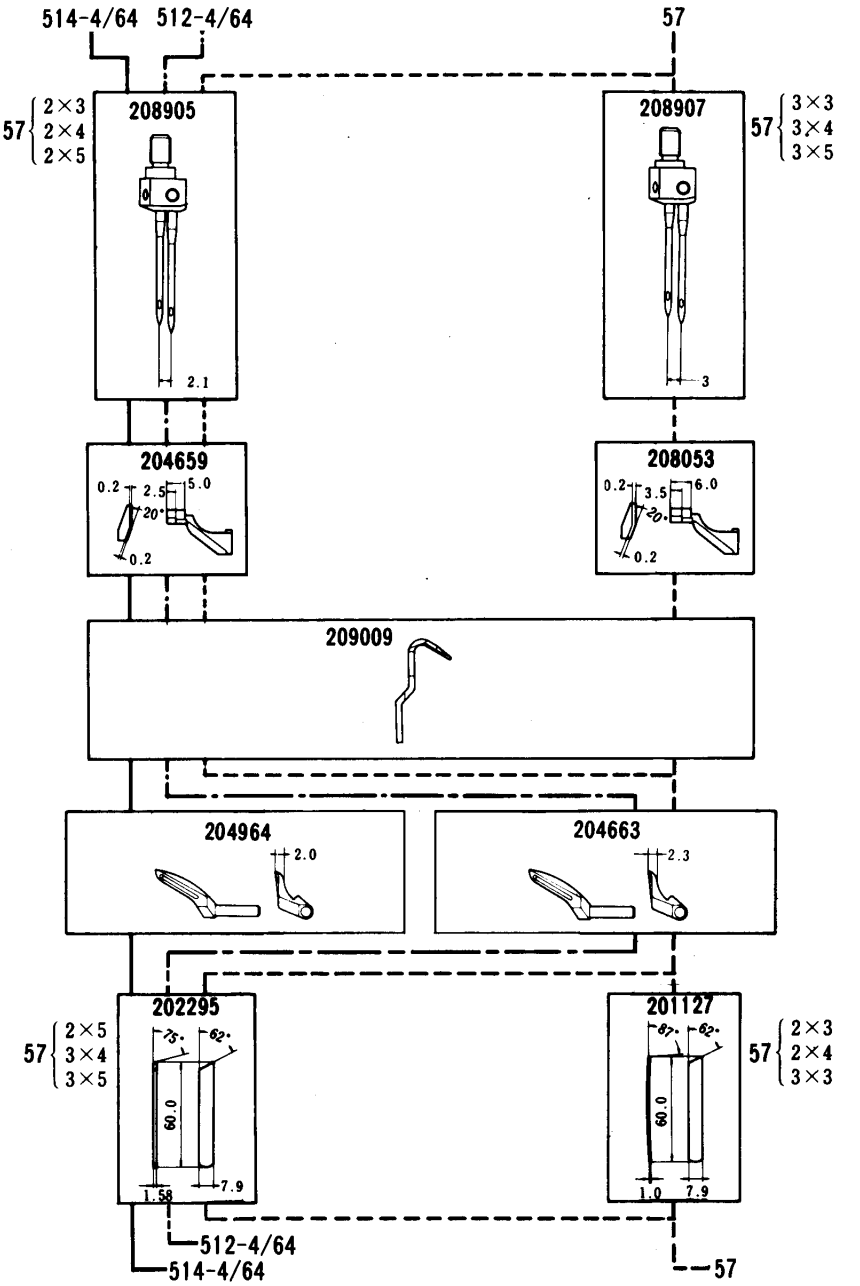
					MEMO	
514-4/68	2	2,3,4	514	1~3		Specially designed for seaming bulky knit materials such as sweaters, cardigans etc.
514-4/61	2	2,3,4	514	0.6~2		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.
514-4/67	2	2,3,4	514	1~3		Specially designed for seaming bulky knit materials such as sweaters, cardigans etc.
514-4/73	2.5	2.5,4				
514-4/62	2	2,3,4	514	1~3		Two needle overedgers for intermittent shirring on light to medium weight materials such as negligee, curtains etc.

GAUGE PARTS CONSTRUCTION CHART

Feed pattern : 3-row
Chaining land : yes

512-4/57, 64
514-4/64



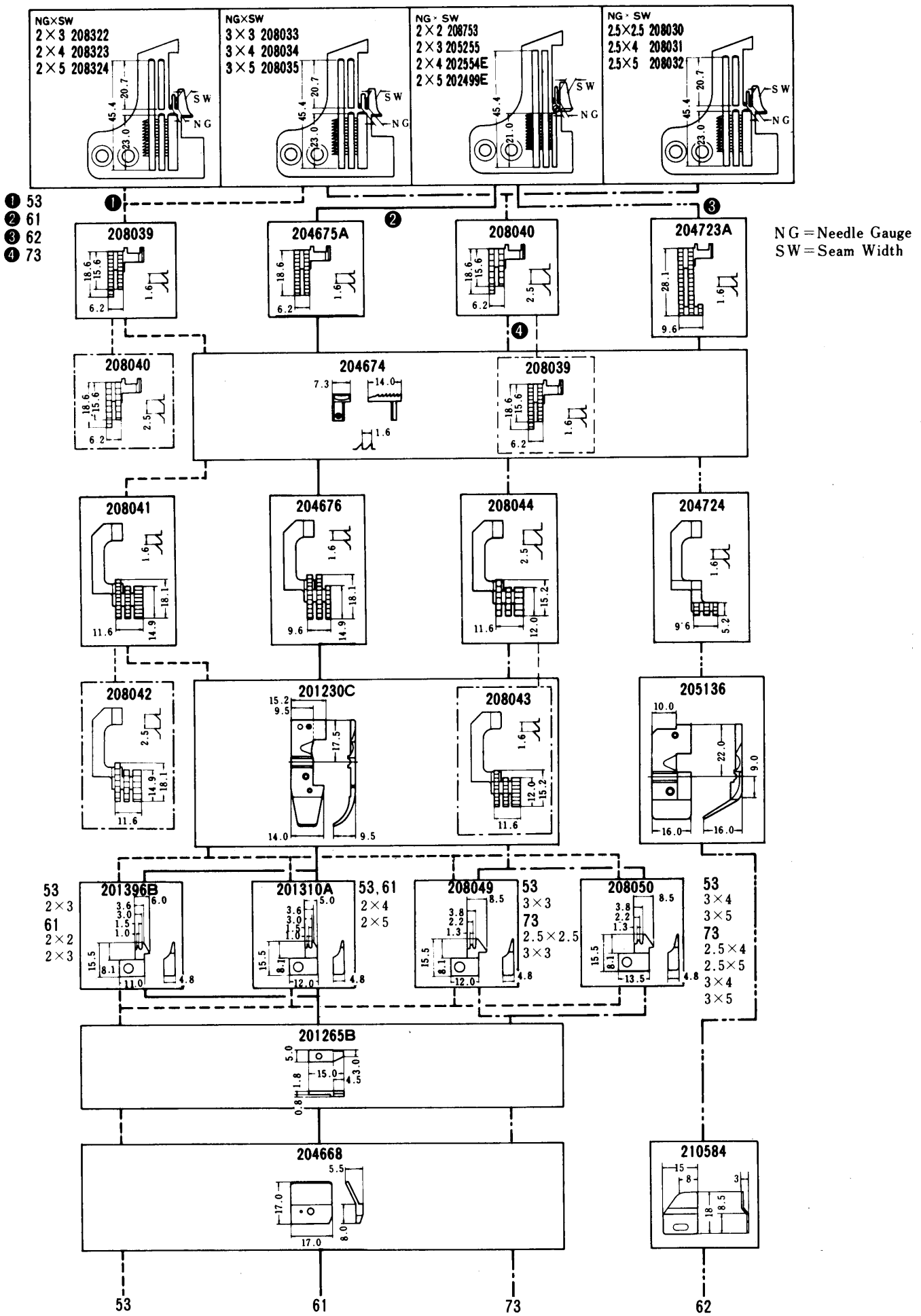


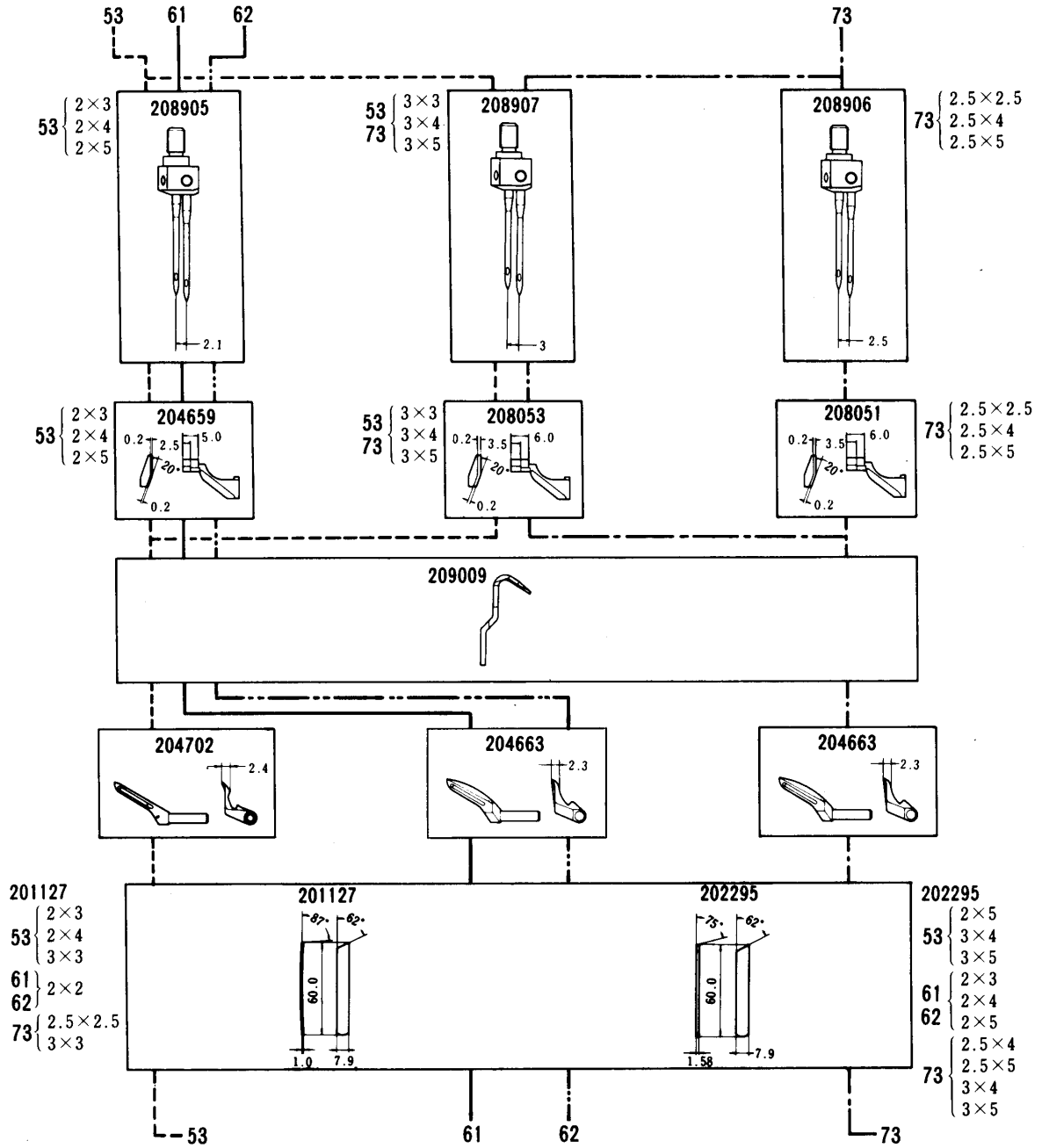
					MEMO	
512-4/64	2	4,5	512	0.6~2		Closing and attaching sleeves and side closing on dress shirts.
514-4/64	2	4,5	514	0.6~2		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.
512-4/57	2 3	3,4,5	512	0.6~2		Closing and attaching sleeves and side closing on dress shirts.

GAUGE PARTS CONSTRUCTION CHART

512-4/53, 61, 62, 73

Feed pattern : 3-row
Chaining land : no



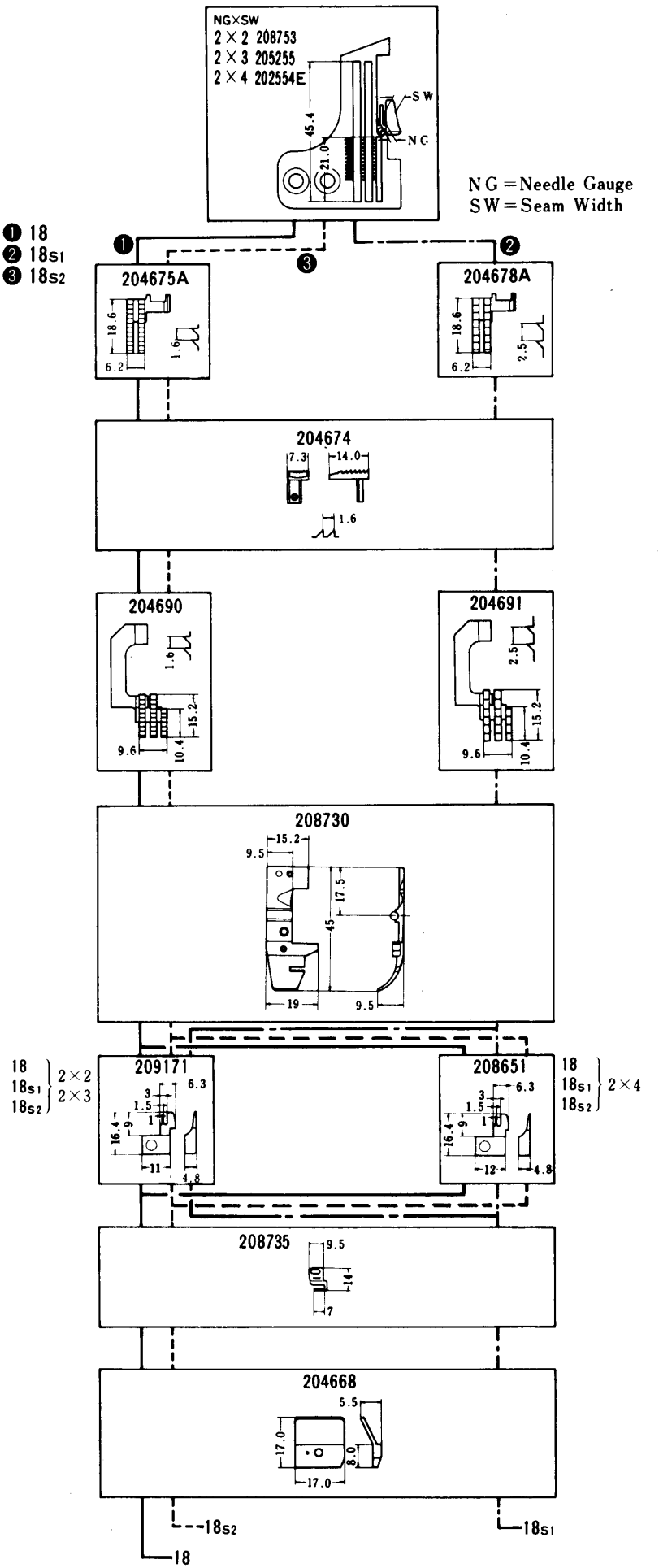


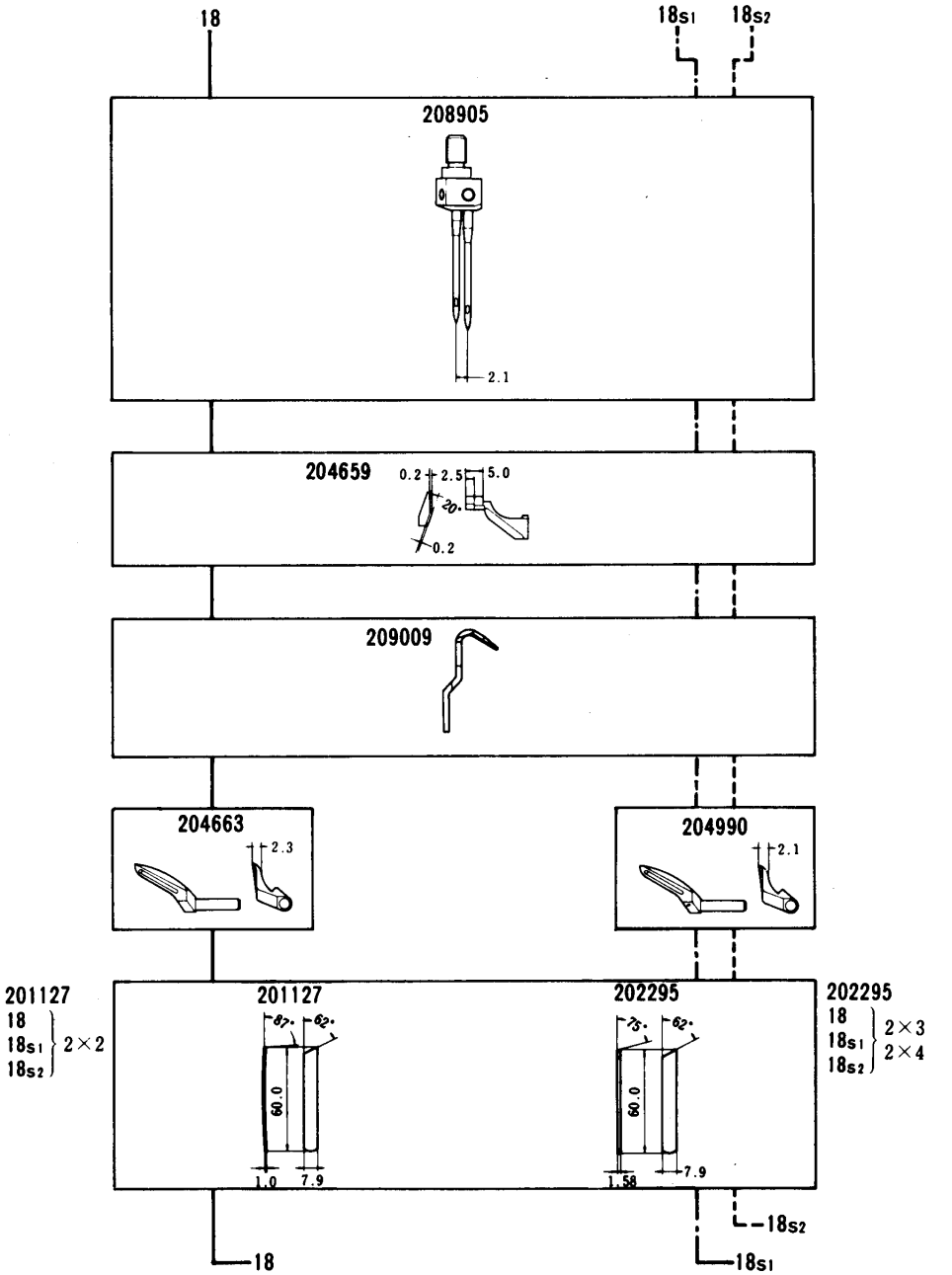
					MEMO	
512-4/53	2 3	3,4,5	512	0.6~2		Closing and attaching sleeves and side closing on dress shirts.
512-4/61	2	2,3,4,5	512	0.6~2		
512-4/73	2.5 3	2.5,4,5 3,4,5	512	0.6~2		Specially designed for seaming bulky knit and woven materials such as sweaters, work wear etc.
512-4/62	2	2,3,4,5	512	1~3		Mock safety stitch overedgers for intermittent shirring on light to medium weight materials such as negligee, curtain etc.

GAUGE PARTS
CONSTRUCTION CHART

514-4/18, 18S1, 18S2

Feed pattern : 3-row
Chaining land : no



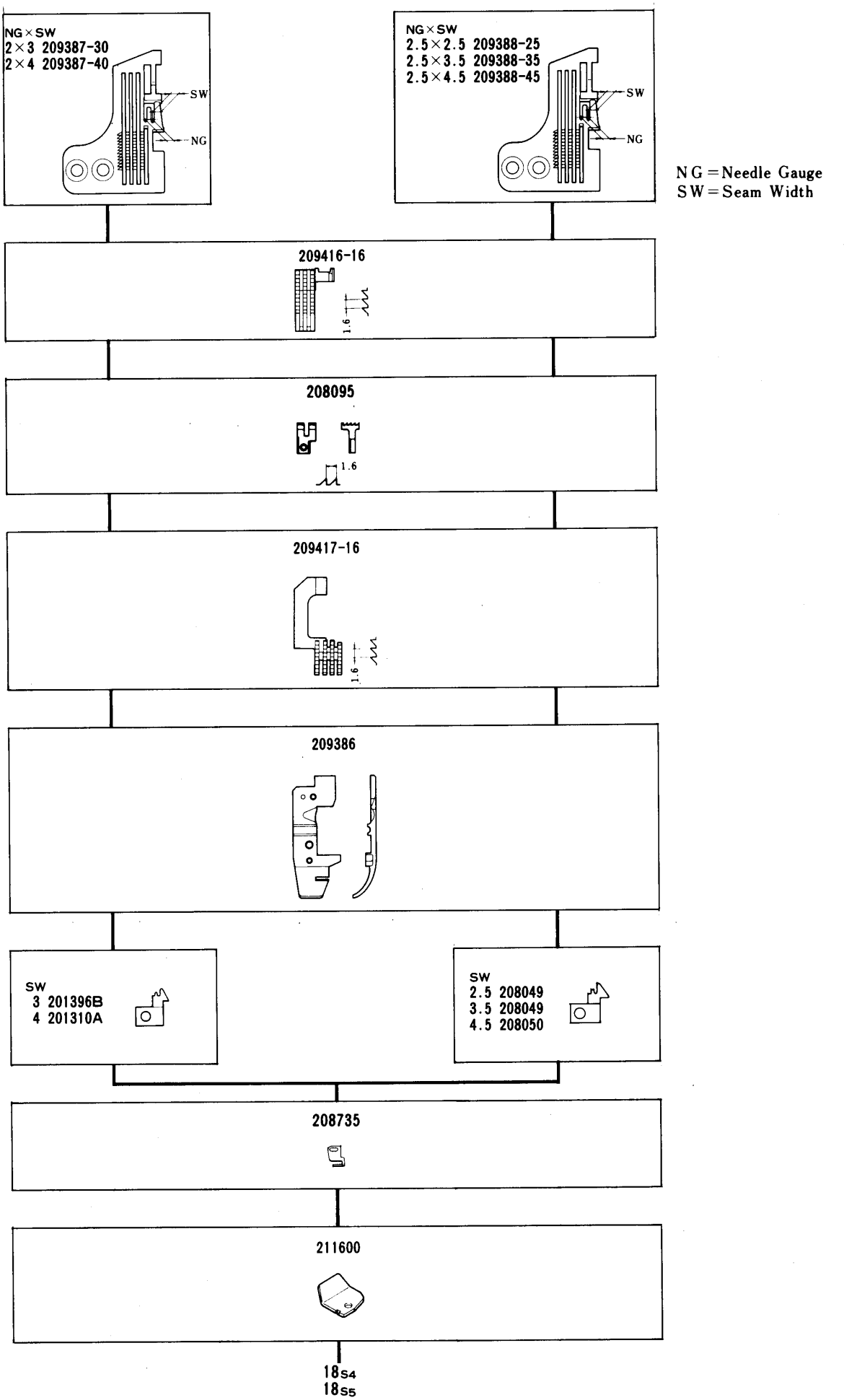


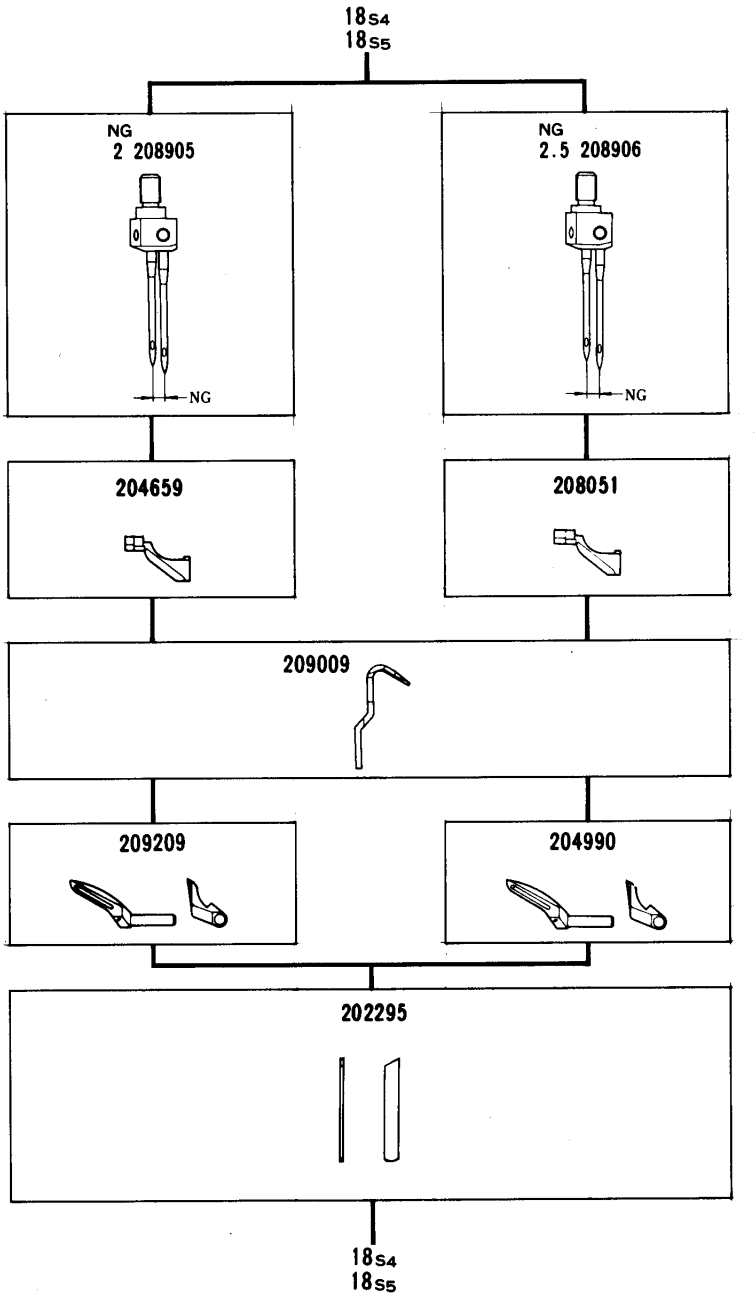
					MEMO	
514-4/18	2	2,3,4	514	1~3		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.
514-4/18S1	2	2,3,4	514	1~3		Specially designed for seaming bulky knit materials such as sweaters, cardigans etc.
514-4/18S2	2	2,3,4	514	1~3		

GAUGE PARTS CONSTRUCTION CHART

514-4/18S4, 18S5

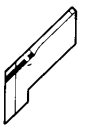
Feed pattern : 4-row





ANGLED UPPER KNIFE

204835A
(514-4/18S4)

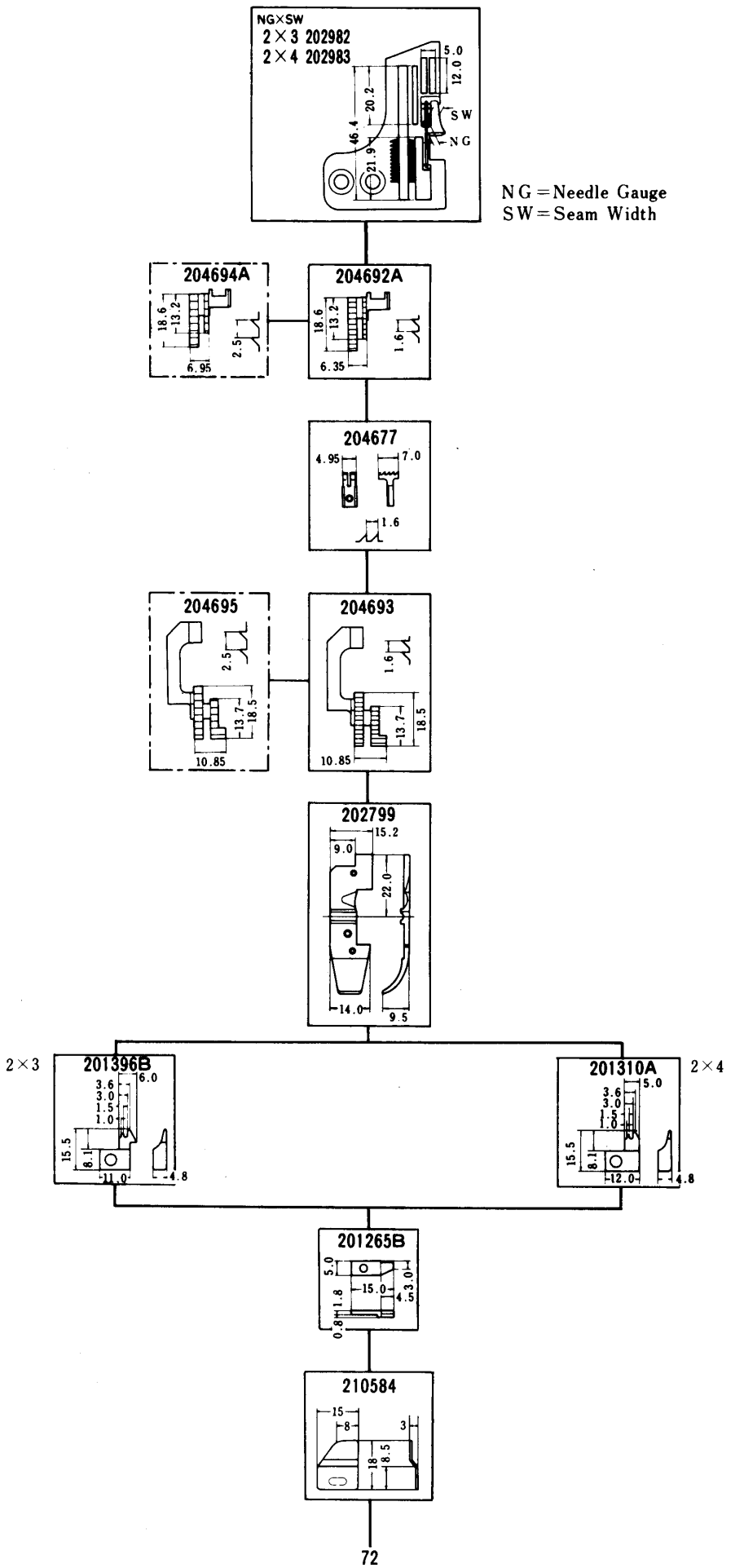


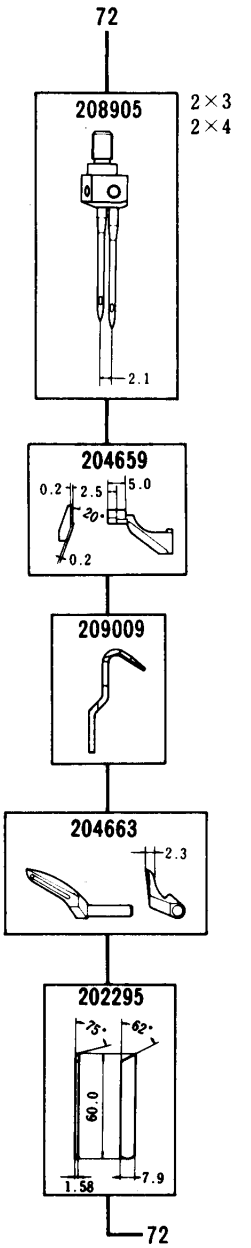
	mm				MEMO	
514-4/18S4	2	3,4	514	1 ~ 3		For plain seaming on heavy weight fabrics (woolen fabrics) such as sweaters and cardigans.
	2.5	2.5,3.5,4.5				
514-4/18S5	2	3,4	514	1 ~ 3		For plain seaming on heavy weight fabrics (woolen fabrics) such as sweaters and cardigans.
	2.5	2.5,3.5,4.5				

GAUGE PARTS CONSTRUCTION CHART

512-4/72

Feed pattern : 2-row
Chaining land : yes



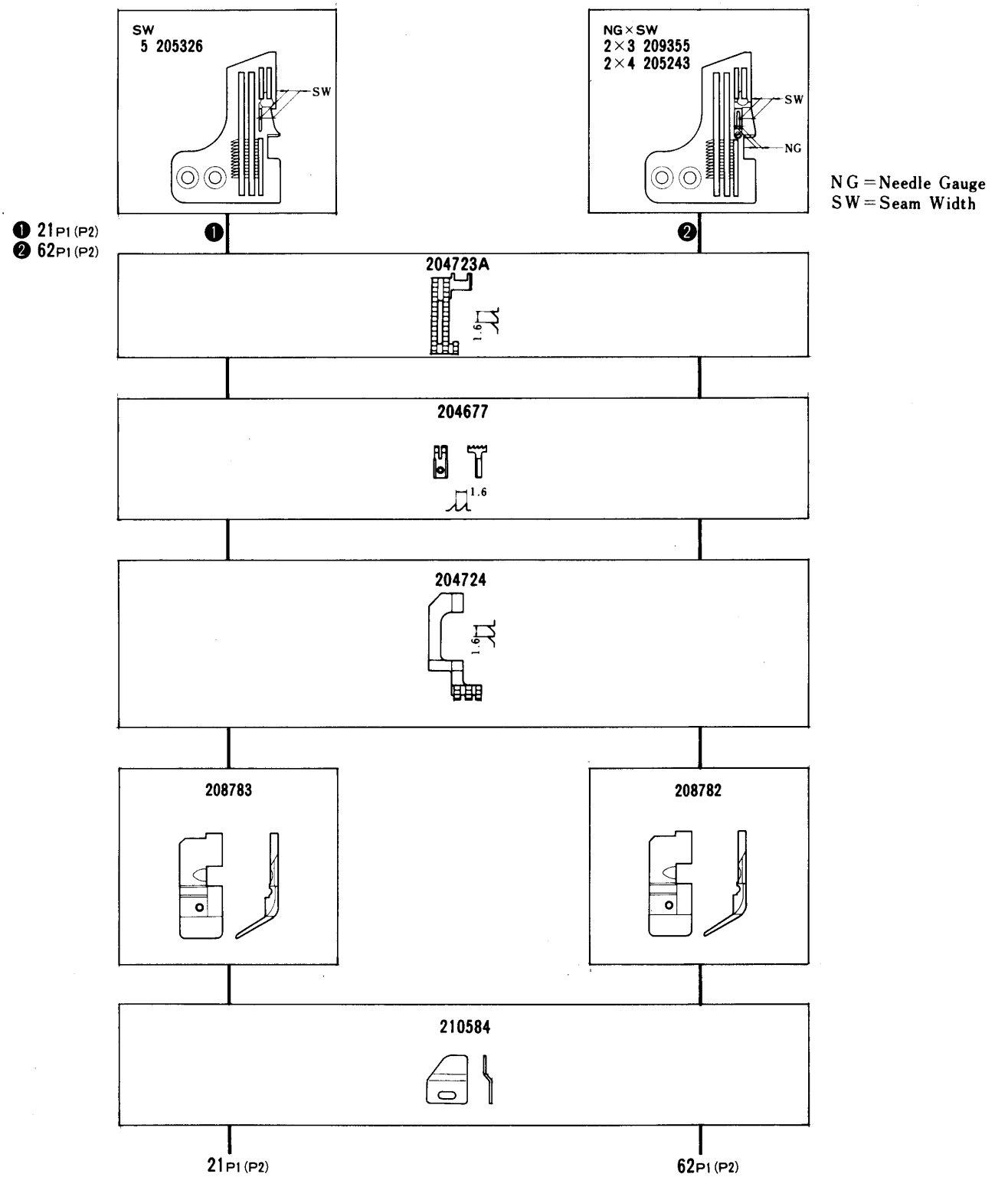


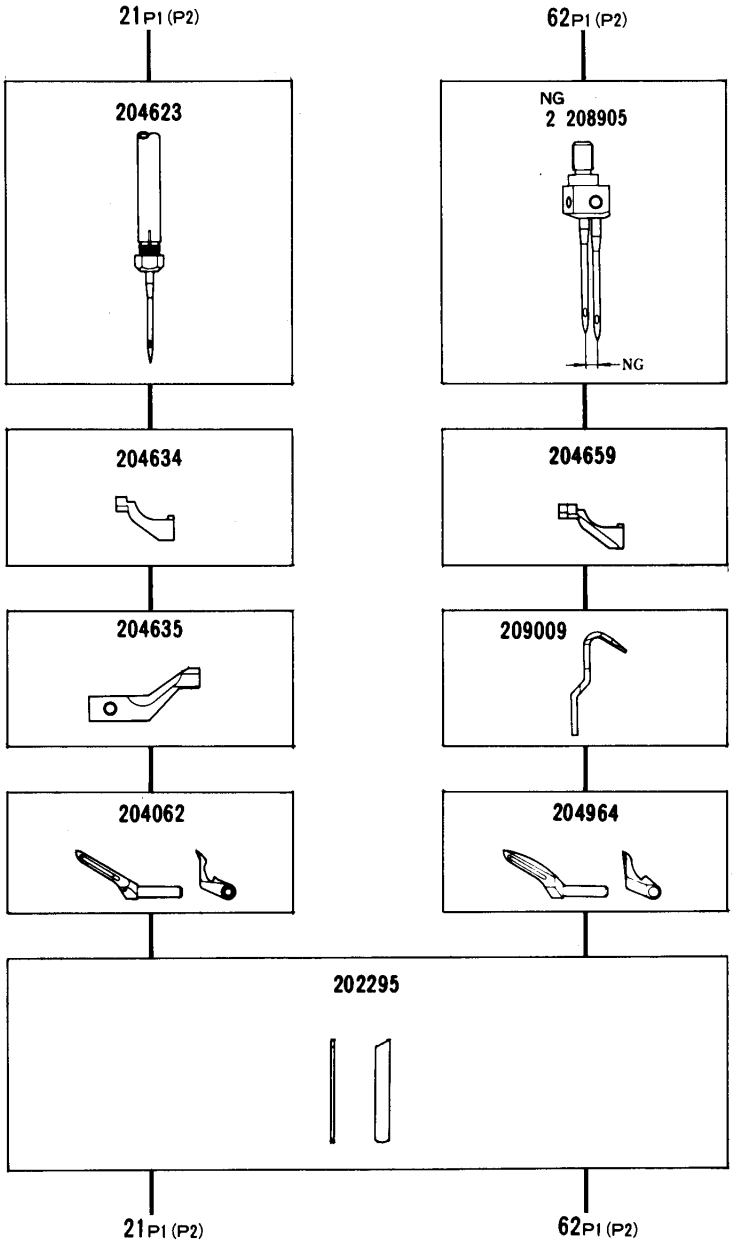
					MEMO	
512-4/72	2	3,4	512	0.6~2		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.

GAUGE PARTS CONSTRUCTION CHART

504-4/21P1 (P2), 62P1 (P2)

Feed pattern : 3-row



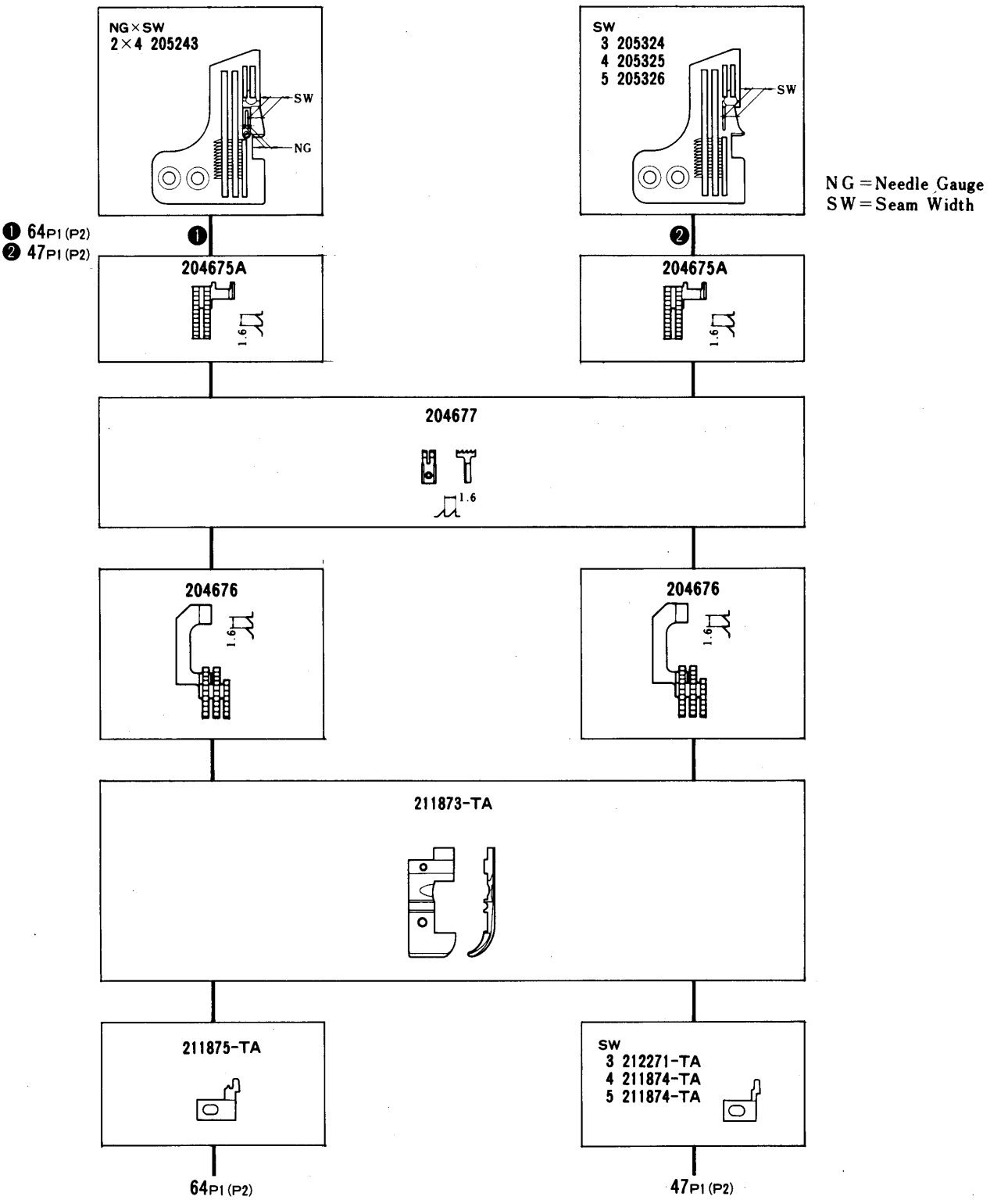


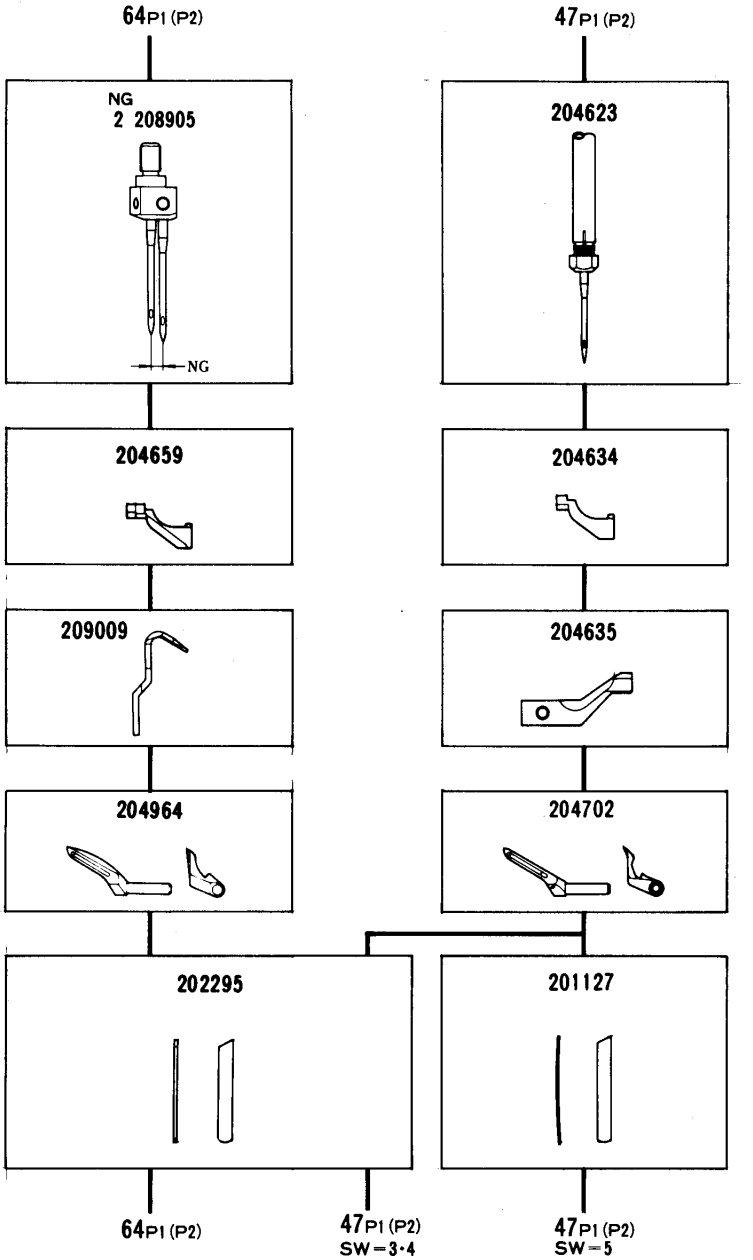
	mm				MEMO	
504-4/21P1 504-4/21P2	2	5	504	1 ~ 3		For shirring/piping on medium weight fabrics such as knit shirts, sweat pants, pajamas and women's and kids' clothes.
514-4/62P1 514-4/62P2	2	3,4	514	1 ~ 3		For shirring/piping on medium weight fabrics such as knit shirts, sweat pants, pajamas and women's and kids' clothes.

GAUGE PARTS CONSTRUCTION CHART

Feed pattern : 3-row

514-4/64P1 (P2)
504-4/47P1 (P2)





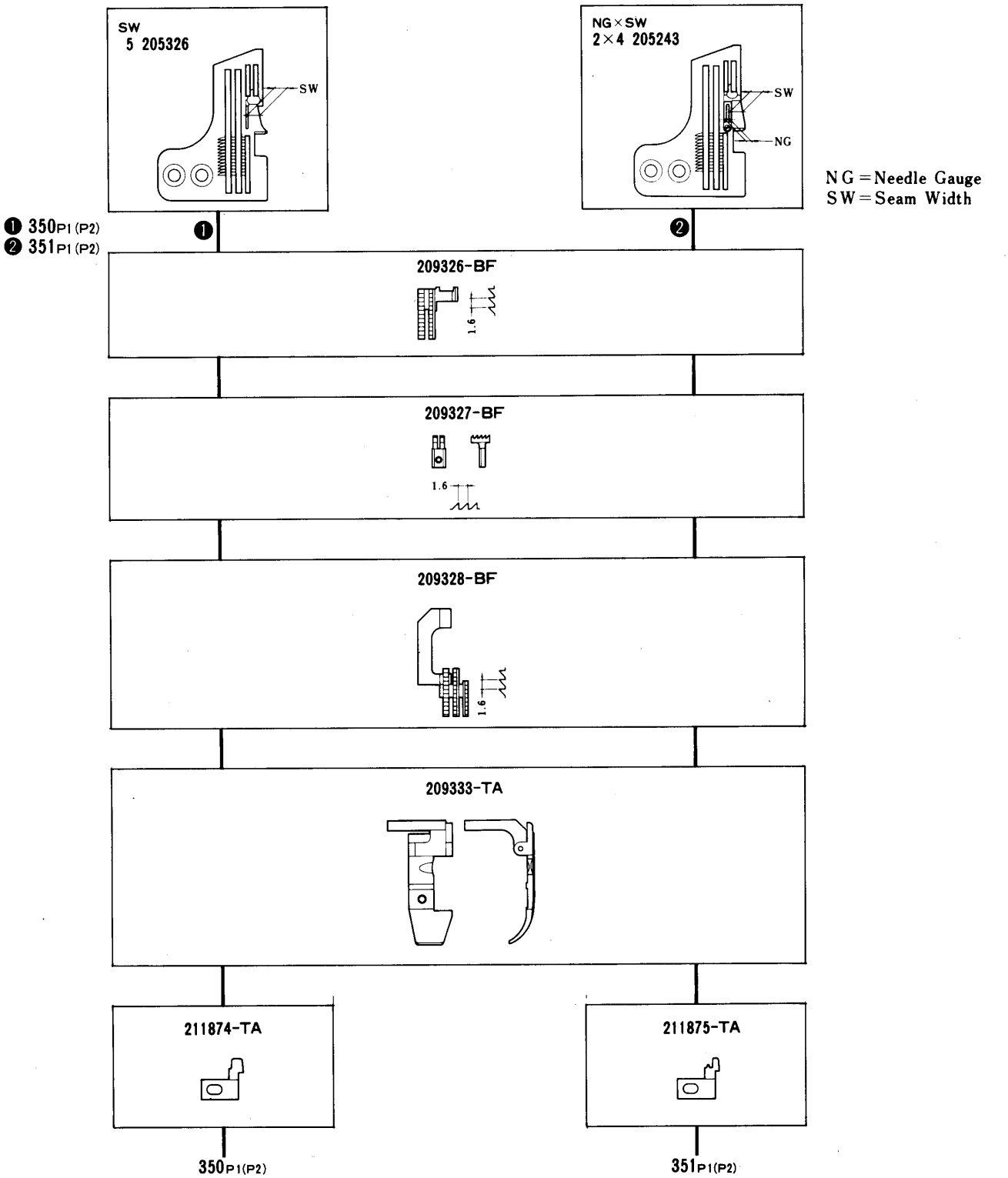
	mm				MEMO	
514-4/64P1	2	4	514			For piping on medium weight fabrics such as knit shirts, sweat pants, pajamas and women's and kids' clothes.
514-4/64P2						
504-4/47P1		3,4,5	504			For piping on medium weight fabrics such as knit shirts, sweat pants, pajamas and women's and kids' clothes.
504-4/47P2						

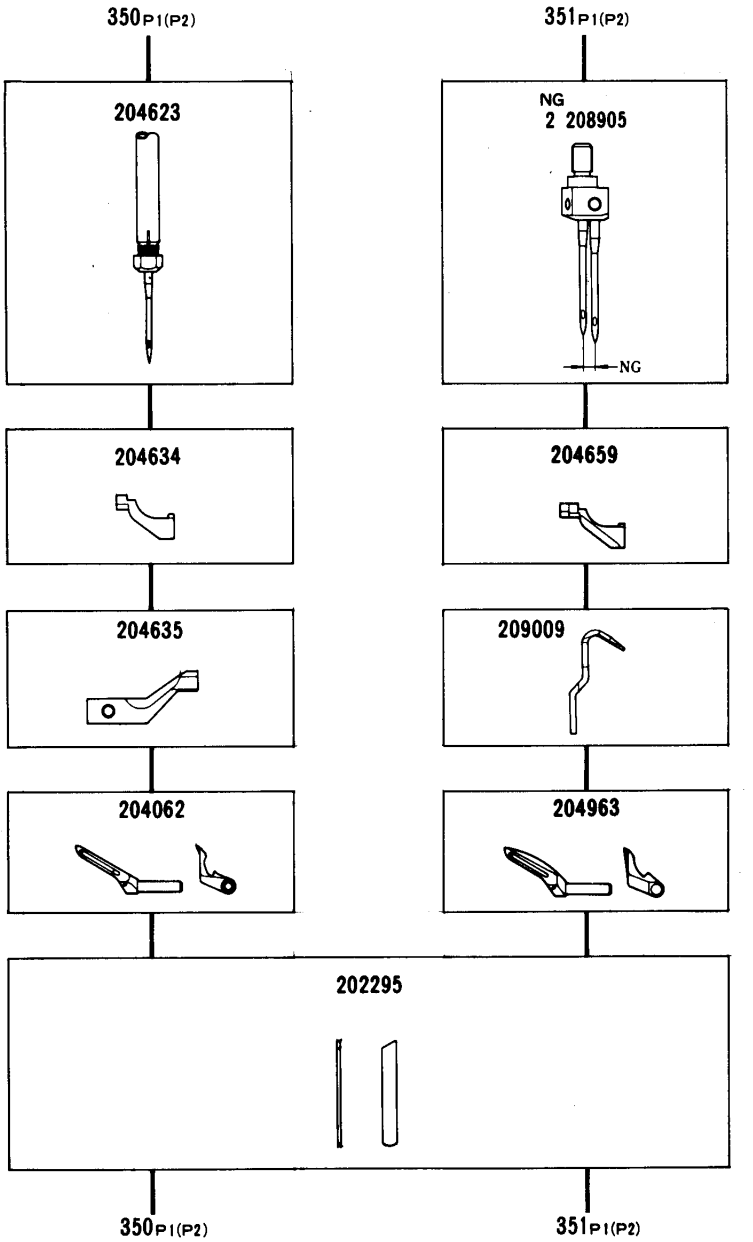
● Variable feed : Intermittent differential feed type.

GAUGE PARTS CONSTRUCTION CHART

Feed pattern : 3-row

504-4/350P1 (P2)
514-4/351P1 (P2)



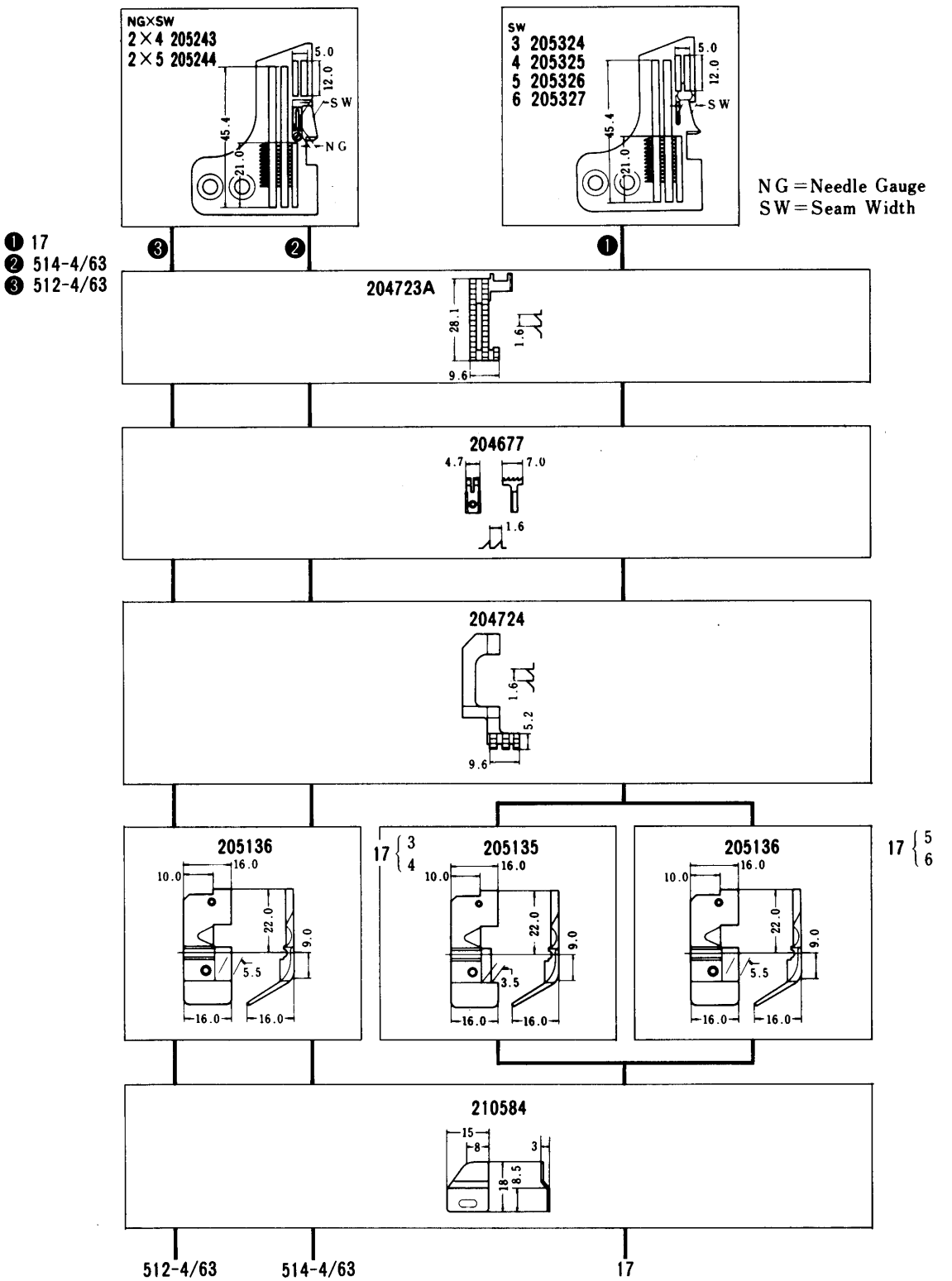


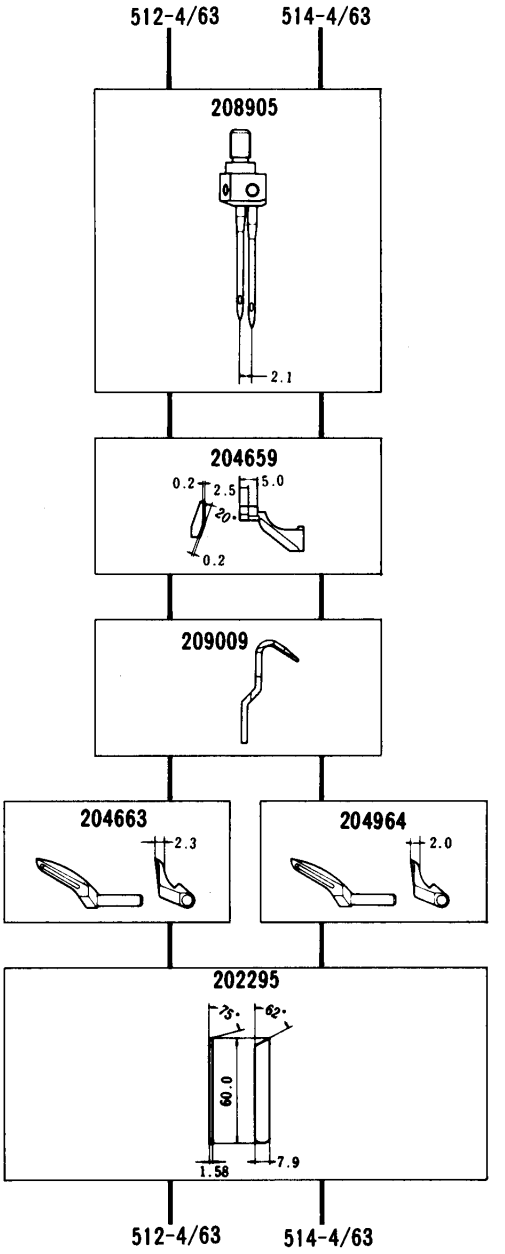
	mm				MEMO	
504-4/350P1 504-4/350P2		5	504			For piping on medium weight fabrics such as knit shirts, sweat pants, pajamas and women's and kids' clothes.
514-4/351P1 514-4/351P2	2	4	514			For piping on medium weight fabrics such as knit shirts, sweat pants, pajamas and women's and kids' clothes.

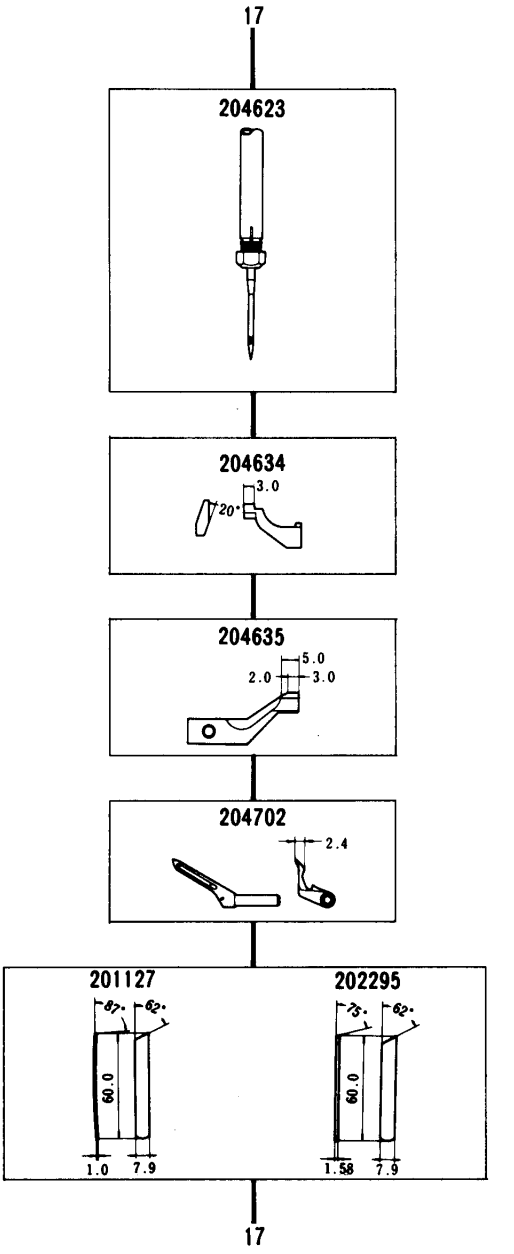
● Variable feed : Intermittent differential feed type.

GAUGE PARTS
CONSTRUCTION CHART

504-4/17
514-4/63
512-4/63



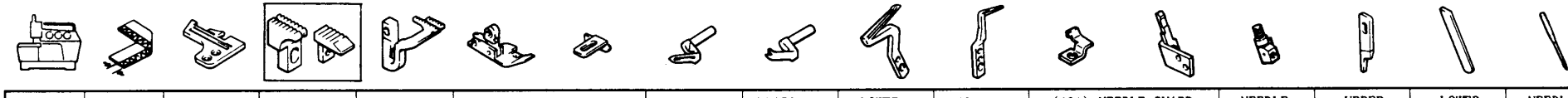

512-4/63
514-4/63
208905
2.1
204659
0.2
2.5
5.0
20°
0.2
209009
204663
2.3
204964
2.0
202295
73°
62°
60.0
1.58
7.9
512-4/63
514-4/63


17
204623
204634
3.0
20°
204635
5.0
2.0
3.0
204702
2.4
201127
87°
62°
60.0
1.0
7.9
202295
73°
62°
60.0
1.58
7.9
17

MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	DIFF. FEED DOG	PRESSER FOOT COMP.	PRESSER FOOT FAB. GRD	UPPER LOOPER	UPPER SPREADER	LOWER LOOPER	401 LOOPER	(401) NEEDLE GUARD FRONT	(401) NEEDLE GUARD REAR	NEEDLE HOLDER	UPPER KNIFE	LOWER KNIFE	NEEDLE SIZE
516(515) -4/26	2	3	204343A	208063	208215	208500	208531	204062 #2	204278 #1	204072	204314A	204536	204521	208908	201121A	204161	#11
	2	4	204344A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204345A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204346A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204294B	208063	208215	208501	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#14
	3	4	204039B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204252B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204295B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204358A	208063	208215	208502	208531	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#14
	5	4	204359A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204360A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204361A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/27	2	3	204362	208065	208218	208503	208531	204062 #2	204278 #1	204072	204314A	204536	205421	208908	202527A	204161	#11
	2	4	204363	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204364	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204365	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204366	208065	208218	208504	208531	204062 #2	204278 #1	204072	204314A	204536	205421	208909	202527A	204161	#11
	3	4	204367	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204368	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204369	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/28	2	3	204343A	208062	208216	208500	208531	204062 #2	204278 #1	204072	204314A	204536	205421	208908	201121A	204161	#11
	2	4	204344A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204345A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204346A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204294B	208062	208216	208501	208531	204062 #2	204278 #1	204072	204314A	204536	205421	208909	201121A	204161	#11
	3	4	204039B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204252B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204295B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/29	2	3	204362	208066	208219	208503	208531	204062 #2	204278 #1	204072	204314A	204536	204521	208908	202527A	204161	#11
	2	4	204363	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204364	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204365	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204366	208066	208219	208504	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208909	202527A	204161	#14
	3	4	204367	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204368	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204369	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/30	2	3	204370	208069	208222	208500	208531	204062 #2	204278 #1	204072	204314A	204536	204521	208908	201121A	204161	#11
	2	4	204371	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204372	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204373	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204374	208069	208222	208501	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#14
	3	4	204375	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204376	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204377	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204378	208063	208224	208502	208531	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#14
	5	4	204379	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204380	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204381	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	

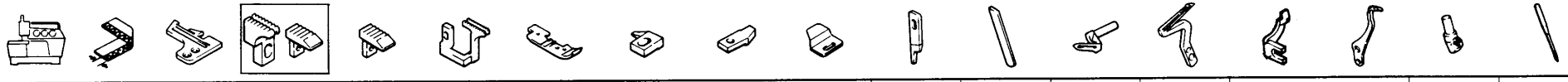
MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	DIFF. FEED DOG	PRESSER FOOT COMP.	PRESSER FOOT FAB. GRD	UPPER LOOPER	UPPER SPREADER	LOWER LOOPER	401 LOOPER	(401) NEEDLE GUARD FRONT	(401) NEEDLE GUARD REAR	NEEDLE HOLDER	UPPER KNIFE	LOWER KNIFE	NEEDLE SIZE
516(515) -4/31	2	3	204370	208070	208223	208500	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208908	201121A	204161	#16
	2	4	204371	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204372	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204373	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204374	208070	208223	208501	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#16
	3	4	204375	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204376	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204377	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204378	208064	208225	208502	208531	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#16
	5	4	204379	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204380	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204381	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/32	3	3	204366	208067	208220	208504	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#16
	3	4	204367	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204368	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204369	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/33	3	3	204294B	208064	208217	208501	208531	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#16
	3	4	204039B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204252B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204295B	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204358A	208064	208217	208502	208531	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#16
	5	4	204359A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204360A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204361A	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/37	2	3	204370	208068	208221	208500	208531	204062 #2	204278 #1	204072	204314A	204536	204521	208908	201121A	204161	#11
	2	4	204371	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204372	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204373	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204374	208068	208221	208501	208531	204062 #2	204278 #1	204072	204314A	204536	204521	208909	201121A	204161	#11
	3	4	204375	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204376	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204377	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/38	2	3	204935	208074	204420	208507	208532	204062 #2	204278 #1	204072	204314A	204536	204521	208908	201121A	204161	#11
	2	4	204936	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204937	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204938	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204939	208074	204420	208508	208532	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#14
	3	4	204940	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204941	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204942	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204943	208076	204422	208509	208532	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#14
	5	4	204944	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204945	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204946	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	

MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	DIFF. FEED DOG	PRESSER FOOT COMP.	PRESSER FOOT FAB. GRD	UPPER LOOPER	UPPER SPREADER	LOWER LOOPER	401 LOOPER	(401) NEEDLE GUARD FRONT	(401) NEEDLE GUARD REAR	NEEDLE HOLDER	UPPER KNIFE	LOWER KNIFE	NEEDLE SIZE
516(515) -4/39	2	3	204935	208075	204421	208507	208532	204702 #4	204704 #3	204072	204314A	204536	204521	208908	201121A	204161	#16
	2	4	204936	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	204937	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	6	204938	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	204939	208075	204421	208508	208532	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#16
	3	4	204940	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204941	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204942	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204943	208077	204423	208509	208532	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#16
	5	4	204944	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204945	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204946	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/51	5	5	204700	208064	208225	208955	204683	204703 #6	204705 #5	204072	204431-HC	204042	204522	208910	201121A	204161	#19
	5	6	204701	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/52	5	5	204528	208064	208217	208955	204683	204703 #6	204705 #5	204072	204431-HC	204042	204522	208910	201121A	204161	#19
	5	6	204529	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/91	8	5	208883	208063	208224	208888	------	204702 #4	204704 #3	204072	204431	204042	204522	208966	201121A	204161	#9



MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	DIFF. FEED DOG	PRESSER FOOT COMP.	PRESSER FOOT FAB. GRD	UPPER LOOPER	UPPER SPREADER	LOWER LOOPER	401 LOOPER	(401) NEEDLE GUARD FRONT	(401) NEEDLE GUARD REAR	NEEDLE HOLDER	UPPER KNIFE	LOWER KNIFE	NEEDLE SIZE
516-355	3 2	3	208674	208066	208219	208649	208531	204963 #8	------	204072	204314A	204536	204521	208965	201121A	204161	#11
	3 2	4	208648	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	
516-555	5 2	3	208675	208063	208215	209255	208531	204963 #8	------	204072	204431	204042	204522	209254	201121A	204161	#11
	5 2	4	208676	〃	〃	〃	〃	〃	------		〃	〃	〃	〃	〃	〃	
516-359	3 2	3	208674	208066	208219	208649	208531	204702 #4	------	204072	204314A	204536	204521	208965	201121A	204161	#11
	3 2	4	208648	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	
516-559	5 2	3	208675	208063	208215	209255	208531	204702 #4	------	204072	204431	204042	204522	209254	201121A	204161	#11
	5 2	4	208676	〃	〃	〃	〃	〃	------		〃	〃	〃	〃	〃	〃	

MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	DIFF. FEED DOG	PRESSER FOOT COMP.	PRESSER FOOT FAB. GRD	UPPER LOOPER	UPPER SPREADER	LOWER LOOPER	401 LOOPER	(401) NEEDLE GUARD FRONT	(401) NEEDLE GUARD REAR	NEEDLE HOLDER	UPPER KNIFE	LOWER KNIFE	NEEDLE SIZE
516(515) -4/38P1	3	4	204940	208074	204420	204502A	204460	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#14
	3	5	204941	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/38P2	3	4	204940	208074	204420	204502A	204460	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#14
	3	5	204941	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/39P1	3	3	204939	208075	204421	208508	208532	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#16
	3	4	204940	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204941	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204942	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204943	208077	204423	208509	208532	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#16
	5	4	204944	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204945	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204946	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516(515) -4/39P2	3	3	204939	208075	204421	208508	208532	204702 #4	204704 #3	204072	204314A	204536	204521	208909	201121A	204161	#16
	3	4	204940	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	5	204941	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	6	204942	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	3	204943	208077	204423	208509	208532	204702 #4	204704 #3	204072	204431	204042	204522	208910	201121A	204161	#16
	5	4	204944	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	5	204945	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	6	204946	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
516 -4/550	3	4	209195	208066	208219	208998	208531	204062 #2	------	204072	204314A	204536	204521	208909	202527A	204161	#11
	3	5	208993	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	
516 -4/551	3	4	209196	208063	208215	209202	208531	204062 #2	------	204072	204314A	204536	204521	208909	201121A	204161	#11
	3	5	209197	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	
	5	4	209198	〃	〃	209204	〃	〃	------	〃	204431	204042	204522	208910	〃	〃	
	5	5	209199	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	

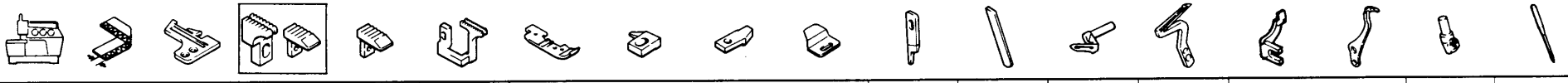


MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	AUX. FEED DOG	DIFF. FEED DOG	PRESSER FOOT BODY	PRESSER FOOT FINGER	PRESSER FOOT FAB. GRD	PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD FRONT	NEEDLE GUARD REAR	NEEDLE BAR. COMP.	NEEDLE
505-4/25	2		202616	208090	204674	204730	201152E	201155C	------	210584	201121A	202295	204062 #2	204072	204634	204635	204623	DCX27# 9
	3		202617	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	〃	
	4		202618	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	〃	
	5		204913	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/19	2		202616	208090	204674	204730	201473B	201224B	------	210584	201121A	202295	204062 #2	204072	204634	204635	204623	DCX27# 9
	3		202617	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	〃	
	4		202618	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	〃	
	5		204913	〃	〃	〃	〃	〃	------	〃	〃	〃	〃	〃	〃	〃	〃	
503-4/44	3		205320	208334	208338	204907	202799	201224B	201265B	210584	201121A	202295	204704 #3	204072	204634	204635	204623	DCX27#14
	4		205321	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5		205322	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	6		205323	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/16S2	1.5		205465	208911	208912	204730	201230C	205525	201265B	204668	201121A	202295	204062 #2	204072	204634	204635	204623	DCX27#11
504-4/7	3		202542E	208078	204674	204676	201230C	201224B	201265B	204668	201121A	201127	204062 #2	204072	204634	204635	204623	DCX27#11
	4		202546E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5		202596E	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	6		202597E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
503-4/48	3		205324	208335	208338	204690	202799	201224B	201265B	210584	201121A	201127	204704 #3	204072	204634	204635	204623	DCX27#14
	4		205325	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5		205326	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	6		205327	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/17	3		205324	208087	204677	204724	205135	------	------	210584	201121A	201127	204702 #4	204072	204634	204635	204623	DCX27#14
	4		205325	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	
	5		205326	〃	〃	〃	205136	------	------	〃	〃	202295	〃	〃	〃	〃	〃	
	6		205327	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	

MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	AUX. FEED DOG	DIFF. FEED DOG	PRESSER FOOT BODY	PRESSER FOOT FINGER	PRESSER FOOT FAB. GRD	PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD FRONT	NEEDLE GUARD REAR	NEEDLE BAR. COMP.	NEEDLE
504-4/66	3	202542E	208080	204674	204691	201230C	201224B	201265B	204668	201121A	201127	204702 #4	204072	204634	204635	204623	DCX27#14
	4	202546E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	202596E	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	202597E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/65	3	202542E	208080	204674	204679	201230C	201224B	201265B	204668	201121A	201127	204703 #6	204072	204634	204635	204623	DCX27#18
	4	202546E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	202596E	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	202597E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	7	204797	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	8	204731	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/69	3	202542E	208078	204674	204690	201230C	201224B	201265B	204668	201121A	201127	204062 #2	204072	204634	204635	204623	DCX27#11
	4	202546E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	202596E	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	202597E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/21	3	202542E	208086	204674	204724	205135	------	------	210584	201121A	201127	204062 #2	204072	204634	204635	204623	DCX27#11
	4	202546E	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	202596E	〃	〃	〃	205136	------	------	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	202597E	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/43	3	205235	208085	204677	204722	205252	201224B	201265B	210584	201121A	201127	204702 #4	204072	204634	204635	204623	DCX27#14
	4	205236	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	205237	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	205238	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/45	3	205320	208083	204677	204693	202799	201224B	201265B	210584	201121A	201127	204702 #4	204072	204634	204635	204623	DCX27#14
	4	205321	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	205322	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	205323	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/47	3	205324	208079	204677	204676	205253	201224B	201265B	210584	201121A	201127	204702 #4	204072	204634	204635	204623	DCX27#16
	4	205325	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	5	205326	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	〃	
	6	205327	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
504-4/260	5	209257	209293	204674	------	209226	------	------	------	201121A	202295	204703 #6	204072	204634	204635	204623	DCX27#18
	6	209224	〃	〃	------	〃	------	------	------	〃	〃	〃	〃	〃	〃	〃	〃	

MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	AUX. FEED DOG	DIFF. FEED DOG	PRESSER FOOT BODY	PRESSER FOOT FINGER	PRESSER FOOT FAB. GRD	PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD FRONT	NEEDLE GUARD REAR	NEEDLE HOLDER	NEEDLE
514-4/68	2	2	208753	208078	204674	204690	208730	208731	208735	204668	201121A	201127	204963 # 8	204072	204659	209009	208905	DCX27#11
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	208732	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/61	2	2	208753	208078	204674	204676	208730	208731	208735	204668	201121A	201127	204949 #11	204072	204659	209009	208905	DCX27# 9
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	208732	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/18	2	2	208753	208078	204674	204690	208730	209171	208735	204668	201121A	201127	204663 # 7	204072	204659	209009	208905	DCX27#11
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	208651	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/18S1	2	2	208753	208080	204674	204691	208730	209171	208735	204668	201121A	201127	204990 #12	204991	204659	209009	208905	DCX27#14
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	208651	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/18S2	2	2	208753	208078	204674	204690	208730	209171	208735	204668	201121A	201127	204990 #12	204991	204659	209009	208905	DCX27#14
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	208651	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/67	2	2	208753	208080	204674	204691	208730	208731	208735	204668	201121A	201127	204964 # 9	204072	204659	209009	208905	DCX27#14
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	208732	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/73	2.5	2.5	208030	208093	204674	208044	208730	208733	208735	204668	201121A	201127	204964 # 9	204072	208051	209009	208906	DCX27#14
	2.5	4	208031	〃	〃	〃	〃	208734	〃	〃	〃	202295	〃	〃	〃	〃	〃	
514-4/20	1.5	2	204910	208090	204674	204730	201230C	201396B	201265B	204668	201121A	202295	204949 #11	204072	204659	209009	208904	DCX3 # 9
	1.5	3	204911	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	208905	DCX27# 9
	2	2	205256	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	3	205257	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/62	2	2	208753	208086	204674	204724	205136	------	------	210584	201121A	201127	204964 # 9	204072	204659	209009	208905	DCX27#14
	2	3	205255	〃	〃	〃	〃	------	------	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	205254E	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/64	2	4	205243	204679	204677	204676	205253	201310A	201265B	210584	201121A	202295	204964 # 9	204072	204659	209009	208905	DCX27#14
514-4/63	2	4	205243	208087	204677	204724	205136	------	------	210584	201121A	202295	204964 # 9	204072	204659	209009	208905	DCX27#14
	2	5	205244	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	

MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	AUX. FEED DOG	DIFF. FEED DOG	PRESSER FOOT BODY	PRESSER FOOT FINGER	PRESSER FOOT FAB. GRD	PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD FRONT	NEEDLE GUARD REAR	NEEDLE HOLDER	NEEDLE
512-4/53	2	3	208322	208091	204674	208041	201230C	201396B	201265B	204668	201121A	201127	204702 # 4	204072	204659	209009	208905	DCX27#11
	2	4	208323	〃	〃	〃	〃	201310A	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	208324	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	3	3	208033	〃	〃	〃	〃	208049	〃	〃	〃	201127	〃	〃	208053	〃	208907	
	3	4	208034	〃	〃	〃	〃	208050	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	3	5	208035	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/61	2	2	208753	208078	204674	204676	201230C	201396B	201265B	204668	201121A	201127	204663 # 7	204072	204659	209009	208905	DCX27#14
	2	3	205255	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	201310A	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	202499E	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/73	2.5	2.5	208030	208093	204674	208044	201230C	208049	201265B	204668	201121A	201127	204663 # 7	204072	208051	209009	208906	DCX27#14
	2.5	4	208031	〃	〃	〃	〃	208050	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	2.5	5	208032	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	3	3	208033	〃	〃	〃	〃	208049	〃	〃	〃	201127	〃	〃	208053	〃	208907	
	3	4	208034	〃	〃	〃	〃	208050	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	3	5	208035	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/62	2	2	208753	208086	204674	204724	205136	------	------	210584	201121A	201127	204663 # 7	204072	204659	209009	208905	DCX27#14
	2	3	205255	〃	〃	〃	〃	------	------	〃	〃	202295	〃	〃	〃	〃	〃	
	2	4	202554E	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	202499E	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/64	2	4	205243	208079	204677	204676	205253	201310A	201265B	210584	201121A	202295	204663 # 7	204072	204659	209009	208905	DCX27#14
	2	5	205244	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/57	2	3	208325	208092	208095	208041	202799	201396B	201265B	210584	201121A	201127	204663 # 7	204072	204659	209009	208905	DCX27#14
	2	4	208326	〃	〃	〃	〃	201310A	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2	5	208327	〃	〃	〃	〃	〃	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	3	3	208036	〃	〃	〃	205253	208049	〃	〃	〃	201127	〃	〃	208053	〃	208907	
	3	4	208037	〃	〃	〃	〃	208050	〃	〃	〃	202295	〃	〃	〃	〃	〃	
	3	5	208038	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/18S4	2	3	209387-30	209415-16	208095	209417-16	209386	201396B	208735	211600	211771	202295	209209	204991	204659	209009	208905	DCX27#14
	2	4	-40	〃	〃	〃	〃	201310A	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2.5	2.5	209388-25	〃	〃	〃	〃	208049	〃	〃	〃	〃	204990	〃	208051	〃	208906	
	2.5	3.5	-35	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2.5	4.5	-45	〃	〃	〃	〃	208050	〃	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/18S5	2	3	209387-30	209415-16	208095	209417-16	209386	201396B	208735	211600	201121A	202295	209209	204991	204659	209009	208905	DCX27#14
	2	4	-40	〃	〃	〃	〃	201310A	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2.5	2.5	209388-25	〃	〃	〃	〃	208049	〃	〃	〃	〃	204990	〃	208051	〃	208906	
	2.5	3.5	-35	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	〃	
	2.5	4.5	-45	〃	〃	〃	〃	208050	〃	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/63	2	4	205243	208087	204677	204724	205136	------	------	210584	201121A	202295	204663 # 7	204072	204659	209009	208905	DCX27#14
	2	5	205244	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	
512-4/72	2	3	202982	208083	204677	204693	202799	201396B	201265B	210584	201121A	202295	204663 # 7	204072	204659	209009	208905	DCX27#14
	2	4	202983	〃	〃	〃	〃	201310A	〃	〃	〃	〃	〃	〃	〃	〃	〃	



MACHINE TYPE	GAUGE NG	GAUGE SW	NEEDLE PLATE	MAIN FEED DOG	AUX. FEED DOG	DIFF. FEED DOG	PRESSER FOOT BODY	PRESSER FOOT FINGER	PRESSER FOOT FAB. GRD	PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD FRONT	NEEDLE GUARD REAR	NEEDLE HOLDER	NEEDLE
504-4/21P1 504-4/21P2		5	205326	208087	204677	204724	208783	------	------	210584	201121A	202295	204062 # 2	204072	204634	204635	204623	DCX27#11
514-4/62P1	2	3	209355	208087	204677	204724	208782	------	------	210584	201121A	202295	204964 # 9	204072	204659	209009	208905	DCX27#14
514-4/62P2	2	4	205243	〃	〃	〃	〃	------	------	〃	〃	〃	〃	〃	〃	〃	〃	
514-4/64P1 514-4/64P2	2	4	205243	208079	204677	204676	211873-TA	211875-TA	------	------	201121A	202295	204964 # 9	204072	204659	209009	208905	DCX27#14
504-4/47P1		3	205324	208079	204677	204676	211873-TA	212271-TA	------	------	201121A	201127	204702 # 4	204072	204634	204635	204623	DCX27#16
504-4/47P2		4	205325	〃	〃	〃	〃	211874-TA	------	------	〃	〃	〃	〃	〃	〃	〃	
		5	205326	〃	〃	〃	〃	〃	------	------	〃	202295	〃	〃	〃	〃	〃	
504-4/350P1 504-4/350P2		5	205326	209325-BF	209327-BF	209328-BF	209333-TA	211874-TA	------	------	201121A	202295	204062 # 2	204072	204634	204635	204623	DCX27#11
514-4/351P1 514-4/351P2	2	4	205243	209325-BF	209327-BF	209328-BF	209333-TA	211875-TA	------	------	201121A	202295	204963 # 8	204072	204659	209009	208905	DCX27#11

NEEDLE SIZE AND UPPER LOOPER/SPREADER

Use Upper Looper/Spreader according to the needle size and stitch type as shown.

STITCH TYPE	NEEDLE SIZE	PART NO.	USED FOR
503 515	9-12	204278 (#1)	2-thread L52. 4-thread L32.
	13-16	204704 (#3)	
	17-21	204705 (#5)	
504 505 516	9-12	204062 (#2)	3-thread L52. 5-thread L32.
	13-16	204702 (#4)	
	17-21	204703 (#6)	
514	9-12	204963 (#8)	2-needle L52.
	13-16	204964 (#9)	
	17-21	204965 (#10)	
512	9-12	204702 (#4)	2-needle L52 (mock-safety stitch)
	13-16	204663 (#7)	
	17-21	204949 (#11)	

LIST OF THE COMPONENT PARTS FOR MAIN FEED DOG COMPLETE

503-4. 504-4. 505-4. 512-4. 514-4.

Main feed dog complete	Component parts		
	Main feed dog	Aux. feed dog	Screw
208078	204675A	204674	2922
208078-BF	204675A-BF	204674	〃
208079	204675A	204677	〃
208079-BF	204675A-BF	204677	〃
208080	204678A	204674	〃
208080-BF	204678A-BF	204674	〃
208082-BF	204692A-BF	204674	〃
208083	204692A	204677	〃
208083-BF	204692A-BF	204677	〃
208084	204694A	204677	〃
208085-BF	204721A-BF	204677	〃
208086	204723A	204674	〃
208087	204723A	204677	〃
208088	204725A	204677	〃
208089	204727A	204677	〃
208090-BF	204729A-BF	204674	〃
208091	208039	204674	〃
208092	208039	208095	〃
208092-BF	208039A-BF	208095	〃
208093-BF	208040-BF	204674	〃
208167	208040	208095	〃
208334	208336	208338	〃
208335	208337	208338	〃
208911	204729A	208912	〃
209293	209225	204674	〃
209325-BF	209326-BF	209327-BF	〃
209329-BF	209330-BF	209327-BF	〃
209383-BF	209384-BF	208095	〃
210415-16	209416-16	208095	〃

515-4. 516-4.

Main feed dog complete	Component parts		
	Main feed dog	Aux. feed dog	Screw
208062	204125B	204424	2922
208063	204248B	208059	〃
208064	204394	208059	〃
208065	204395	204425	〃
208066	204396	208060	〃
208067	204397	208060	〃
208068	204398	204427	〃
208069	204399	208061	〃
208070	204400	208061	〃
208071	204401	204424	〃
208072	204402	208059	〃
208073	204403	208059	〃
208074	204931	208061	〃
208075	204932	208061	〃
208076	204933	208059	〃
208077	204934	208059	〃

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PART NO.	PAGE	NO. REF.	PART NO.	PAGE	NO. REF.	PART NO.	PAGE	NO. REF.	PART NO.	PAGE	NO. REF.	PART NO.	PAGE	NO. REF.
DCX27	17	33	413	51	18	2022	3	20	4818	55	38	5137	63	12
DCX27	17	34	413	53	32	2022	11	19	4904	67	12	5138B	47	25
DCX27	71	21	413	55	41	2022-4	13	12	4905	67	16	5141	37	6
DCX27	71	22	452	71	1	2022-4	13	15	4908	51	17	5142	21	33
DCX27	71	25	467	57	18	2022-4	15	12	4908	53	31	5142	61	45
DCX27 # 9	130		468	57	20	2022-4	15	15	4908	55	40	5143A	19	8
DCX27 #11	128		480	71	18	2022-4	17	13	4911	57	10	5143A	21	8
DCX27 #11	129		482	71	27	2022-4	41	12	5001	39	7	5145	47	11
DCX27 #11	130		484	71	3	2133-1	35	25	5002	7	10	5146	7	23
DCX27 #11	131		485	71	2	2133-1	41	20	5002	39	34	5147	7	15
DCX27 #11	132		486A9C	69		2193	23	20	5003	43	5	5150B	47	27
DCX27 #14	128		486B9C	69		2193	27	22	5010	19	44	5152	5	2
DCX27 #14	129		486C9C	69		2193	39	38	5010	49	22	5152	59	6
DCX27 #14	130		502-CA	69	15	2193	43	16	5012	19	36	5157	33	28
DCX27 #14	131		503-CA	69	1	2193	43	26	5012	25	11	5157	45	16
DCX27 #14	132		504-CA	69	16	2193	53	7	5012	49	15	5163	3	7
DCX27 #16	129		505-CA	69	4	2193	55	7	5022	9	15	5182	9	27
DCX27 #16	132		505ACA	69	5	2193	55	27	5029	19	39	5183	65	23
DCX27 #18	129		506	69	33	2193	61	6	5029	37	5	5184	53	10
DCX27 #9	128		507	69	10	2193	63	18	5029	41	31	5184	55	10
DCX3	71	26	509	69	2	2213	63	9	5029	59	20	5184	61	9
DCX3 # 9	130		512	69	13	2902	7	8	5030	43	38	5205	35	42
W09070-2	17	47	527-CA	69	31	2902	23	26	5030	45	9	5205	35	44
127	71	10	527ACA	69	32	2902	27	32	5053	9	37	5210	51	6
128	71	11	909	71	28	2905	7	13	5053	17	29	5210	59	42
131	71	16	1170	63	24	2905	25	9	5060	47	9	5227	19	33
153	71	17	1170-1	11	23	2905	57	7	5064	63	6	5227	19	41
178	71	4	1170-1	47	17	2905	61	22	5077	31	33	5227	63	3
179	71	12	1170-1	63	37	2913-2	41	6	5077	51	27	5231	35	15
182	71	14	1170-3	17	25	2921	23	28	5078	3	2	5231	35	39
189	57	12	1175-2	11	33	2921	41	27	5080	11	2	5232	9	43
192	65	20	1175-2	25	5	2921	43	19	5081	11	3	5232	41	10
193	65	21	1175-2	35	23	2921	43	43	5082A	19	12	5233	13	6
194	65	22	1175-2	39	13	2921	45	7	5082A	21	11	5233	13	8
195	65	28	1175-2	39	32	2921	45	12	5082A	23	10	5233	15	7
196	65	30	1175-2	65	14	2921	45	34	5082A	27	10	5233	15	9
197	65	31	1175-3	5	38	2921	45	36	5082A	59	32	5234	17	3
198	65	35	1175-3	7	17	2921	51	24	5084	25	27	5237	3	6
199	65	36	1175-3	21	40	2922	5	25	5084	29	8	5239	25	22
200	71	15	1175-3	27	29	2922	29	28	5084	29	18	5240	11	24
233-CA	69	23	1175-3	35	34	2922	35	22	5084	31	14	5242	49	2
272	67	8	1175-3	61	30	2922	43	7	5084	33	6	5259	31	25
283	71	8	1175-3	63	34	2922	65	41	5084	35	2	5260	39	22
284	71	7	1186	17	49	2922	133		5084	35	27	5267	11	7
285	71	6	1189	29	26	3044	5	9	5084	37	14	5271	41	37
286	71	5	1189	35	35	3044	7	11	5088	39	18	5276	63	29
293A	69	26	1189	61	16	3044	41	38	5089	43	35	5284	27	25
293B	69	27	1196	43	25	3044	53	12	5089	45	29	5284	29	23
293C	69	28	1196	55	18	3044	55	12	5089	55	26	5286	25	23
322	71	13	1202	9	9	3044	61	11	5091	5	12	5291	45	20
337	57	8	1202	41	9	3044	65	24	5091	9	24	5292	17	18
338	57	15	1202	51	3	3056	31	6	5091	9	30	5292	17	35
339	57	16	1202	53	13	3091	5	39	5091	21	35	5292	17	40
339	57	21	1202	55	13	3091	43	13	5091	21	37	5292	17	50
340	57	17	1202	59	44	3091	47	18	5091	31	3	5292	29	5
341	57	11	1202	61	12	3091	61	32	5094	7	2	5292	31	27
343	57	19	1206	19	43	3091	63	25	5094	7	25	5292	33	11
344	57	9	1206	21	42	3119	17	37	5094	47	22	5292	59	26
380A	69	6	1206	21	44	3150	45	24	5104	59	10	5299	61	25
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