

# PARTS LIST

# DFB SERIES

## Industrial Sewing Machines

*DFB-1412PTV*

*DFB-1412PS-SM*

*DFB-1412PQ*

*DFB-1412PQ-SM*

*DFB-1012PS*

*DFB-1012PS-SM*

*DFB-1433PS*

*DFB-1433PS-SM*

*DFB-1425PS*

*DFB-1425PS-SM*

*DFB-1033P*

*DFB-1033PS*

*DFB-1033PS-SM*

*DFB-1025P*

*DFB-1025PS*

*DFB-1025PS-SM*

Industrial Sewing Machines

**Kansai Special**

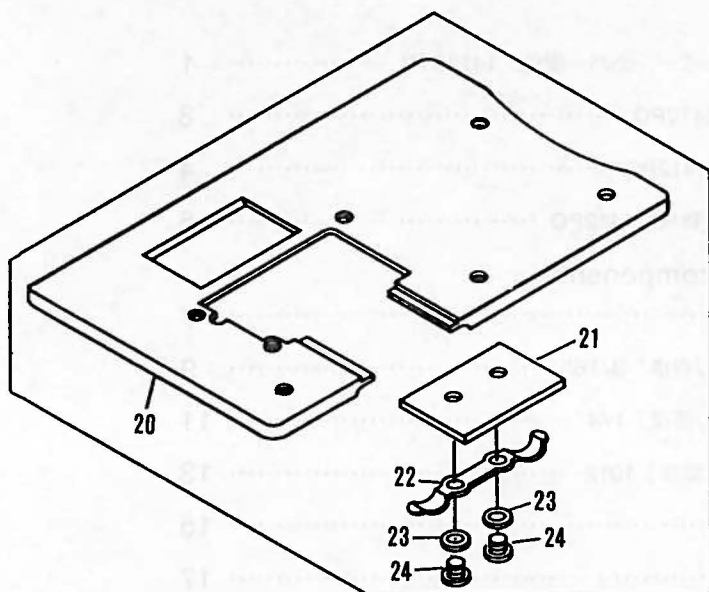




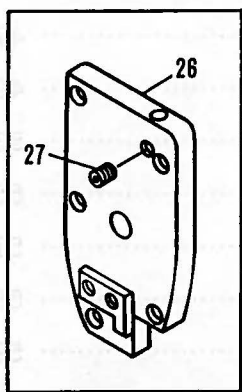
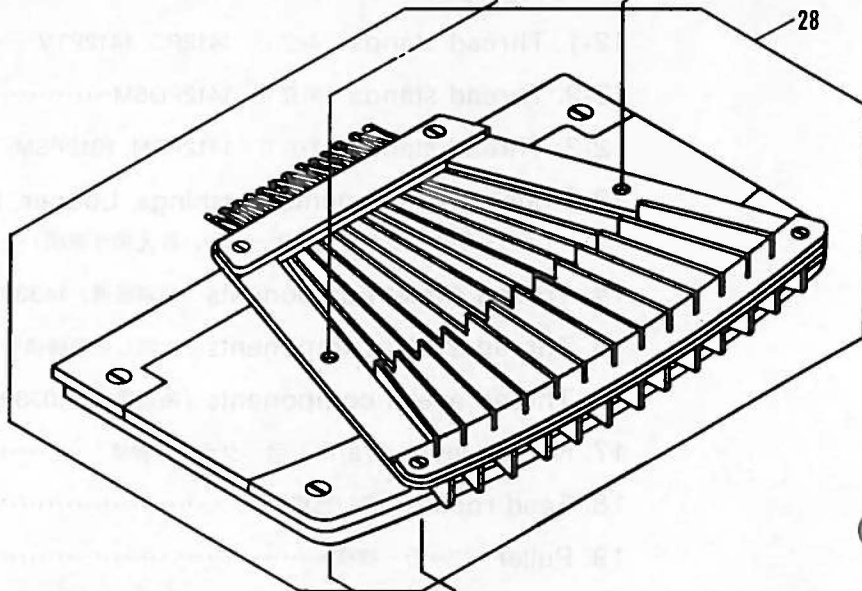
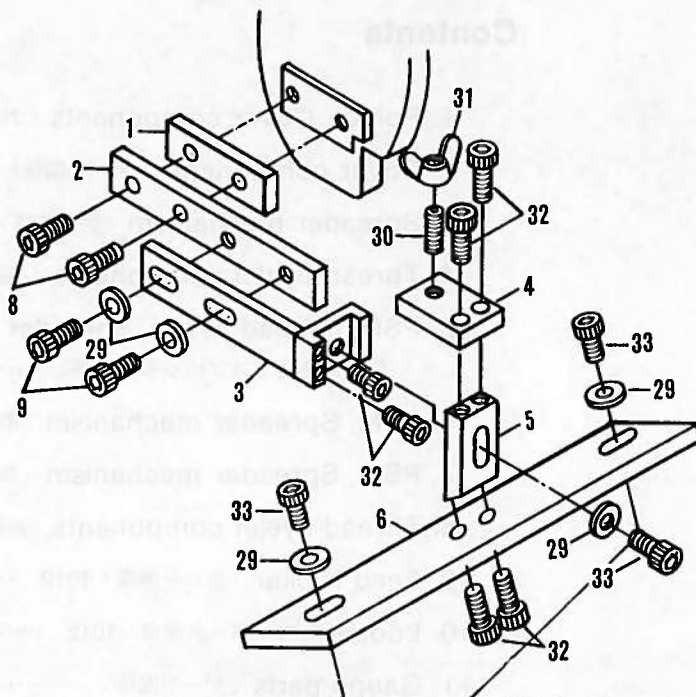
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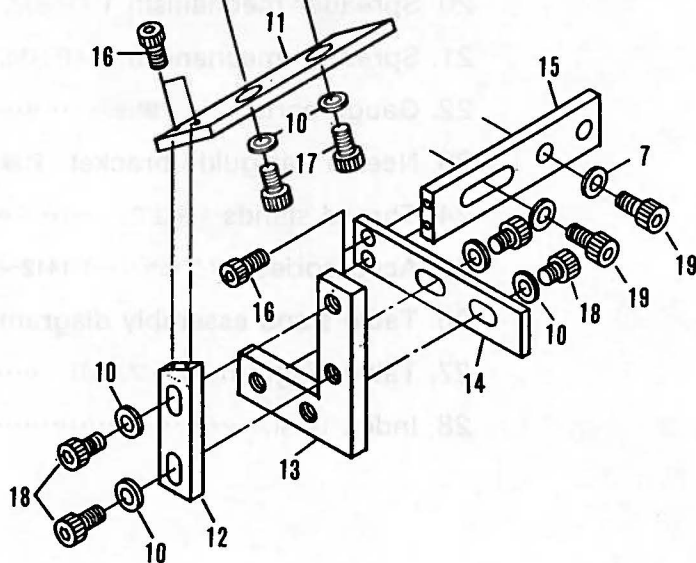
# 1. Folder, Cover components (ホルダー、カバー関係) 1412PTV



Upper cloth plate set 20-1540-2



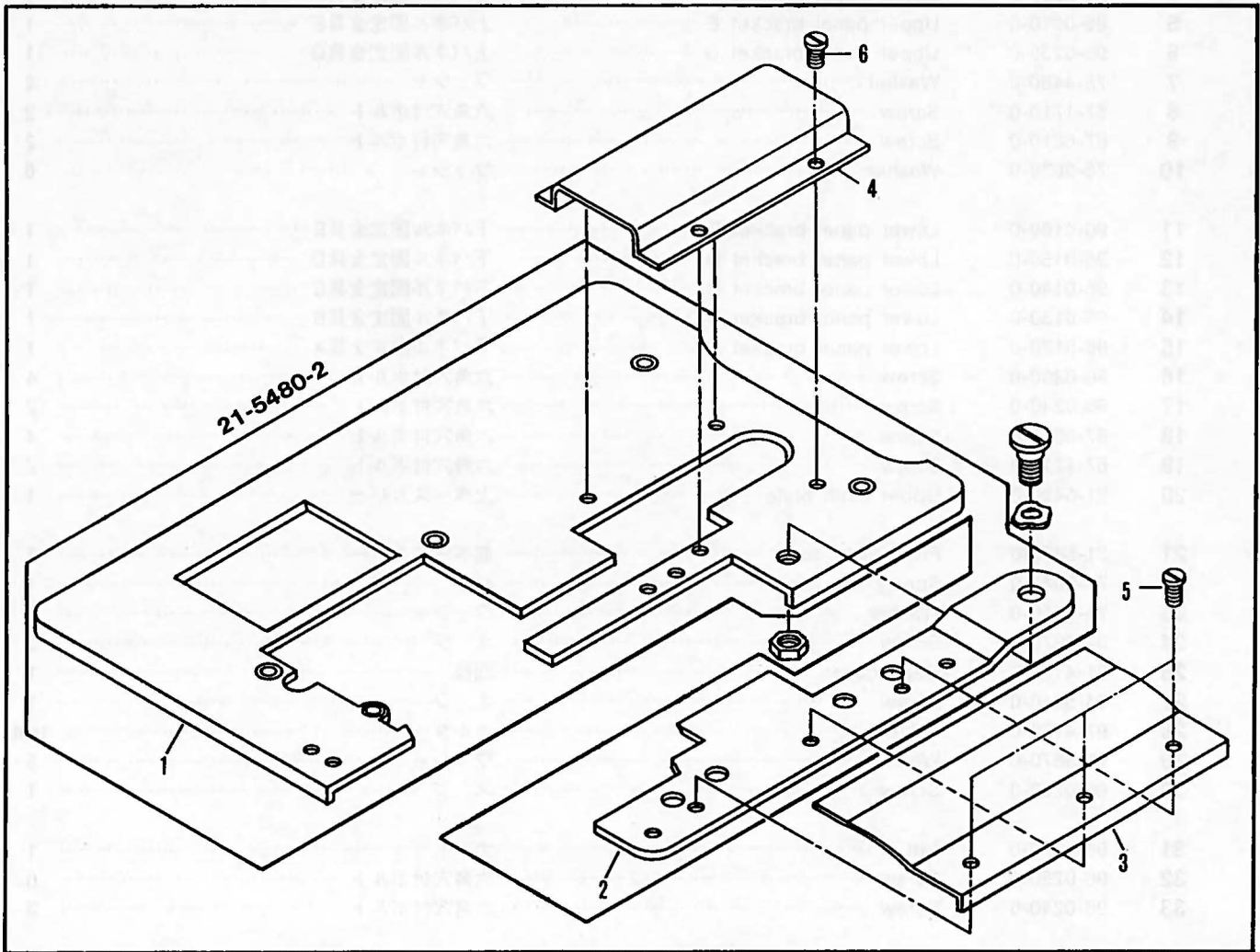
31-2050-0  
Head cover set





No.	Part No.	Part Name	品 名	Q, ty
1	96-0170-0	Upper panel bracket A	上パネル固定金具A	1
2	96-0180-0	Upper panel bracket B	上パネル固定金具B	1
3	96-0190-0	Upper panel bracket C	上パネル固定金具C	1
4	96-0220-0	Upper panel bracket F	上パネル固定金具F	1
5	96-0210-0	Upper panel bracket E	上パネル固定金具E	1
6	96-0230-0	Upper panel bracket G	上パネル固定金具G	1
7	75-4460-0	Washer	ワッシャ	2
8	87-1710-0	Screw	六角穴付ボルト	2
9	87-6610-0	Screw	六角穴付ボルト	2
10	75-3670-0	Washer	ワッシャ	6
11	96-0160-0	Lower panel bracket E	下パネル固定金具E	1
12	96-0150-0	Lower panel bracket D	下パネル固定金具D	1
13	96-0140-0	Lower panel bracket C	下パネル固定金具C	1
14	96-0130-0	Lower panel bracket B	下パネル固定金具B	1
15	96-0120-0	Lower panel bracket A	下パネル固定金具A	1
16	96-0250-0	Screw	六角穴付ボルト	4
17	96-0240-0	Screw	六角穴付ボルト	2
18	87-6610-0	Screw	六角穴付ボルト	4
19	87-1710-0	Screw	六角穴付ボルト	2
20	21-5420-0	Upper cloth plate	上ベースカバー	1
21	21-5470-0	Front plate cover	前ベースカバー	1
22	79-5040-0	Spring	バネ	1
23	75-4680-0	Washer	ワッシャ	2
24	84-1670-0	Screw	ネジ	2
26	21-4170-0	Head cover	面板	1
27	84-5210-0	Screw	ネジ	1
28	97-4150-0	Folder	ホルダー	1set
29	75-3670-0	Washer	ワッシャ	5
30	96-0260-0	Screw	ネジ	1
31	96-0270-0	Nut	ナット	1
32	96-0250-0	Screw	六角穴付ボルト	6
33	96-0240-0	Screw	六角穴付ボルト	3

## 2. Cover components (カバー関係) 1412PQ

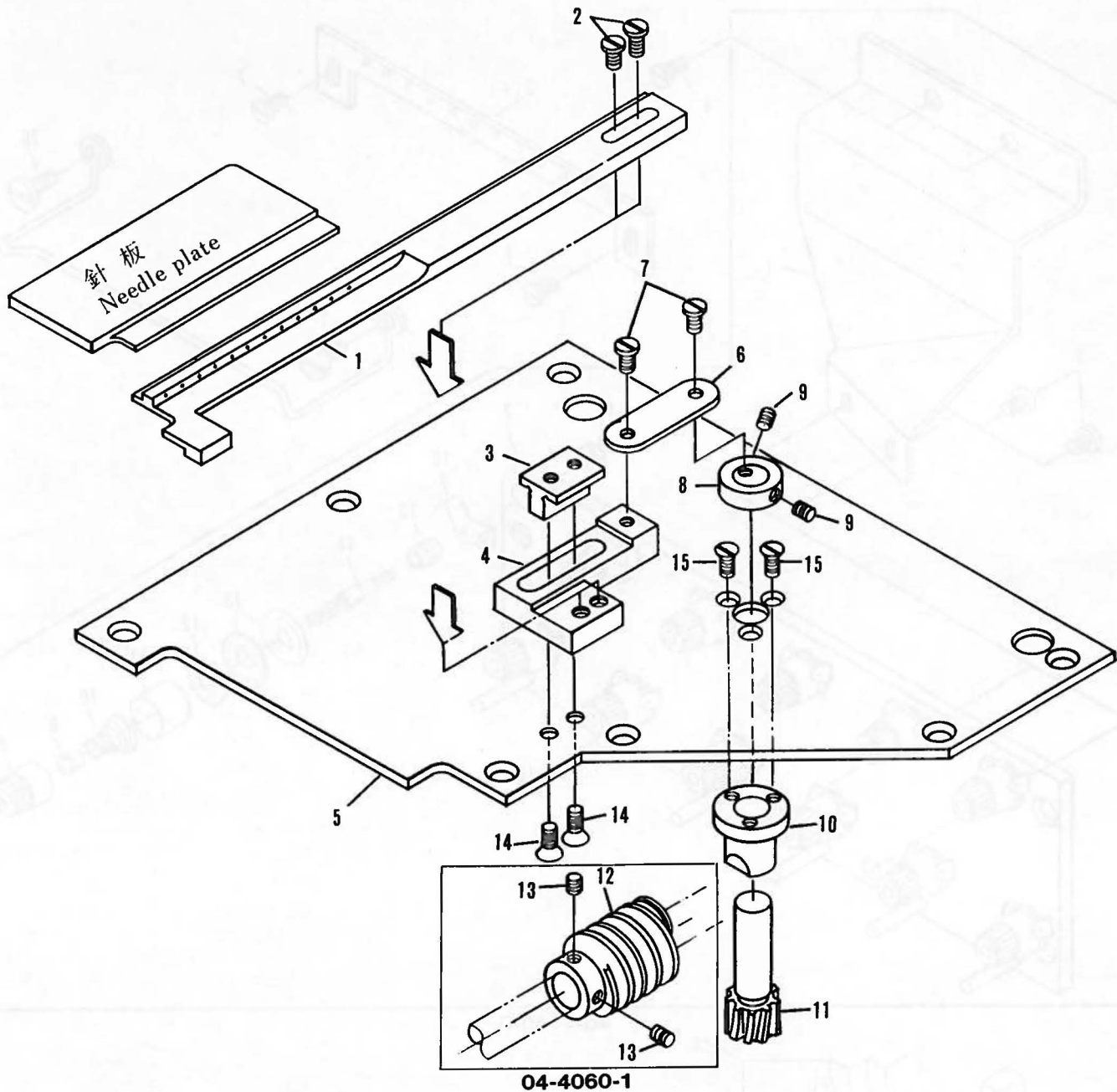


20-1540-8

No.	Part No.	Part Name	品名	Q.ty
1	21-5480-0	Upper cloth plate	上ベースカバー	1
2	21-5490-0	Front plate cover	前ベースカバー	1
3	21-4810-0	Plate	前ベースカバープレート	1
4	21-4820-0	Eccentric cover	エキセンカバー	1
5	84-3610-0	Screw	ネジ	3
6	84-3700-0	Screw	ネジ	4



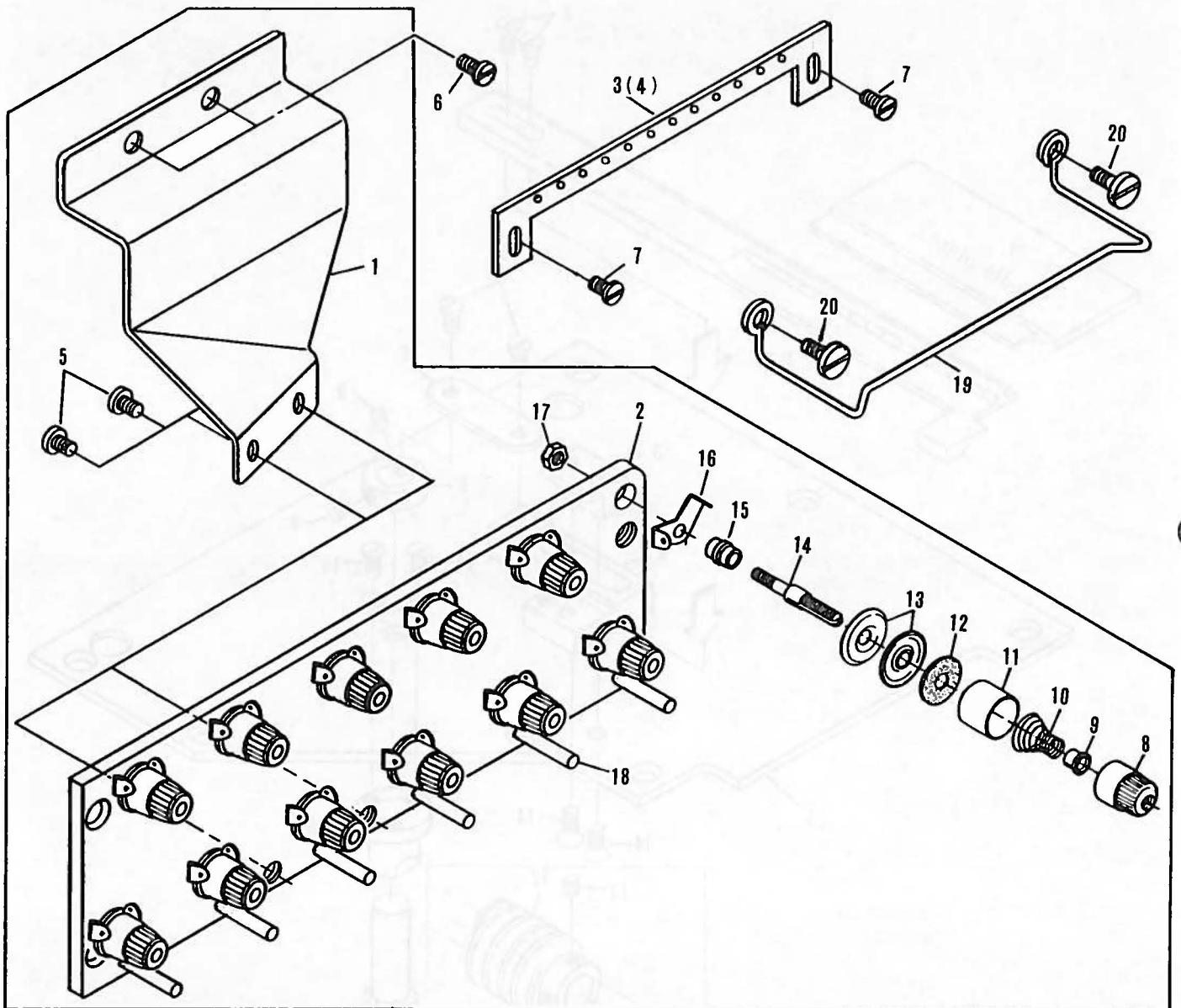
### 3. Spreader mechanism (飾り機構) 1412PQ



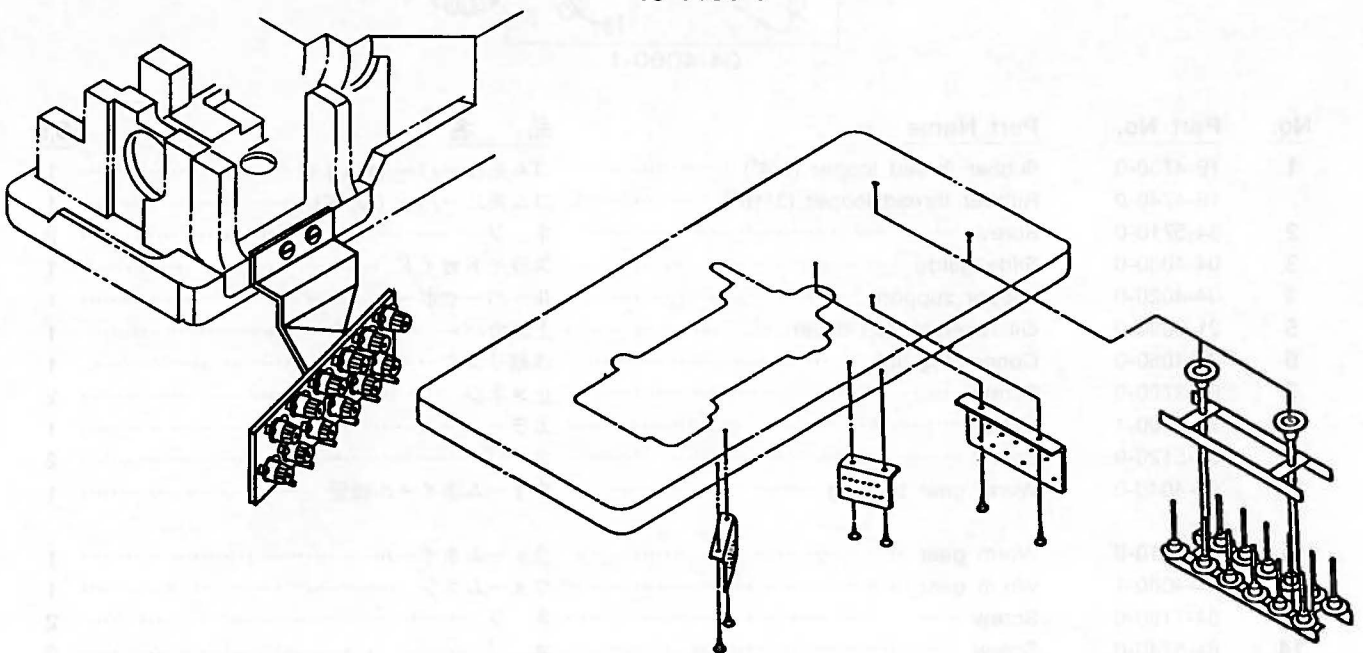
No.	Part No.	Part Name	品名	Q,ty
1	19-4730-0	Rubber thread looper (1/4")	ゴム糸ルーバー (1/4")	1
	19-4740-0	Rubber thread looper (3/16")	ゴム糸ルーバー (3/16")	1
2	84-5710-0	Screw	ネジ	2
3	04-4030-0	Slide guide	スライドガイド	1
4	04-4020-0	Looper support	ルーバーサポート	1
5	21-5090-0	Oil reservoir top cover	上油カバー	1
6	04-4050-0	Connecting link	連結リンク	1
7	84-3720-0	Screw	止メネジ	2
8	75-1400-1	Collar	カラー	1
9	84-5120-0	Screw	ネジ	2
10	04-4040-0	Worm gear bearing	ウォームホイール軸受	1
11	04-4010-0	Worm gear	ウォームホイール	1
12	04-4060-1	Worm gear	ウォームネジ	1
13	84-7180-0	Screw	ネジ	2
14	84-5740-0	Screw	ネジ	2
15	84-4640-0	Screw	ネジ	3



#### 4. Thread eyelet components (糸道機構) 1412PQ



40-1130-0



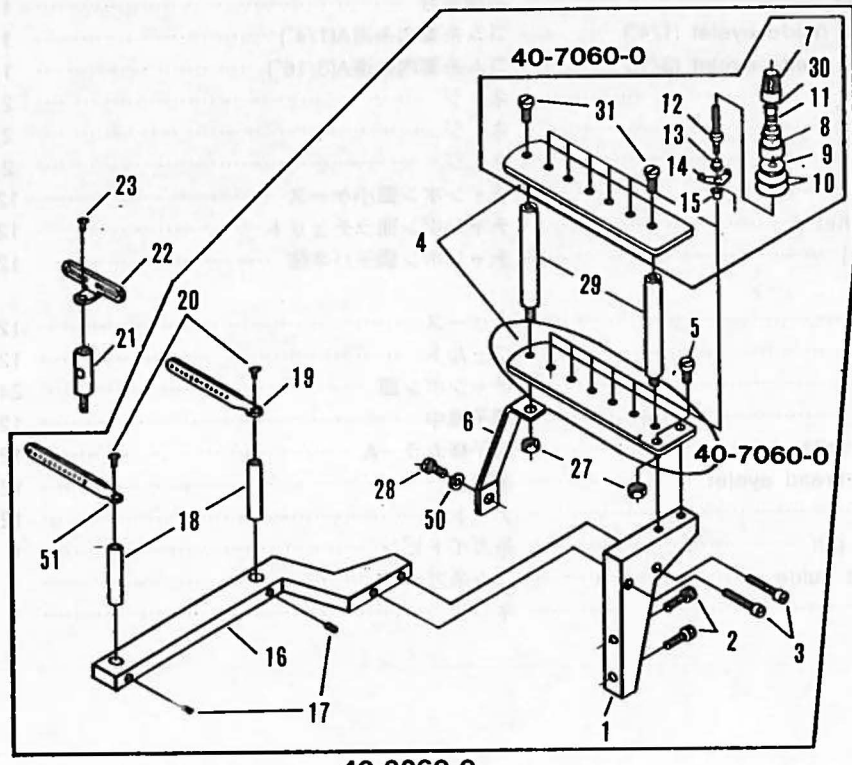
No.	Part No.	Part Name	品 名	Q, ty
1	41-4550-0	Bracket .....	チャンボン受 .....	1
2	41-4470-0	Adjusting plate .....	糸調子台 .....	1
3	45-4010-0	Rubber thread guide eyelet (1/4") .....	ゴム糸案内糸道A(1/4") .....	1
4	45-4020-0	Rubber thread guide eyelet (3/16") .....	ゴム糸案内糸道A(3/16") .....	1
5	84-7630-0	Screw .....	ネ ジ .....	2
6	84-7610-0	Screw .....	ネ ジ .....	2
7	87-9010-0	Screw .....	ネ ジ .....	2
8	41-1010-0	Adjusting nut .....	チャンボン皿小ケース .....	12
9	41-1050-0	Adjusting ratchet .....	チャンボン皿ラチェット .....	12
10	41-7010-0	Spring (strong) .....	チャンボン調子バネ強 .....	12
11	41-1070-0	Disc cover .....	大ケース .....	12
12	23-3240-0	Felt .....	フェルト .....	12
13	41-1110-0	Disc .....	チャンボン皿 .....	24
14	41-1740-0	Tension post .....	調子棒中 .....	12
15	41-1310-0	Tension post collar A .....	調子棒カラーA .....	12
16	41-1150-0	Tension post thread eyelet .....	糸道上 .....	12
17	86-4110-0	Nut .....	ナット .....	12
18	41-4130-0	Thread guide pin .....	糸ガイドピン .....	6
19	45-2420-0	Rubber thread guide .....	ゴム糸ガイド .....	1
20	84-3680-0	Screw .....	ネ ジ .....	2



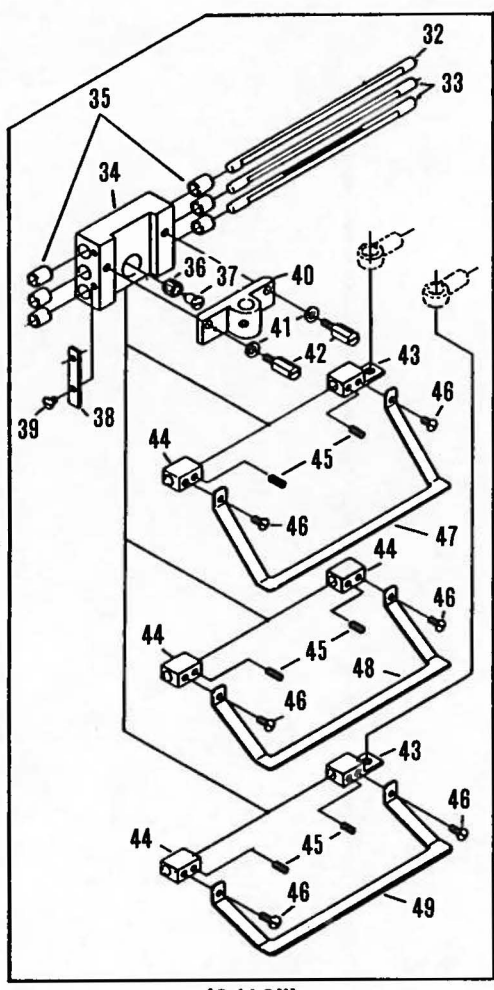
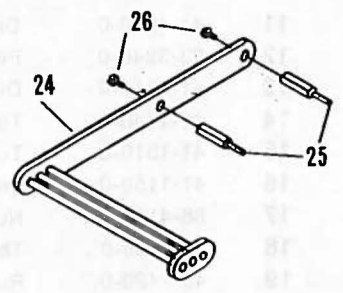


# 5. PSM. Thread eyelet, Spreader components

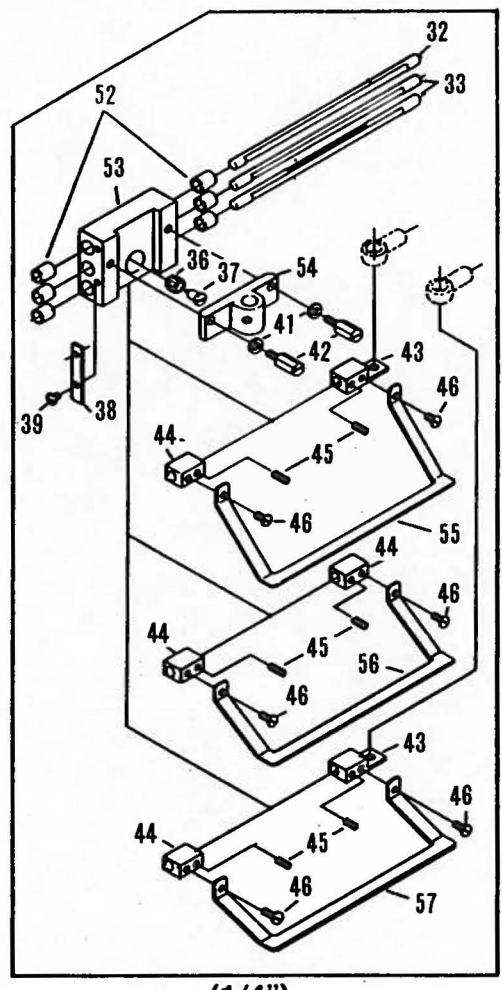
(飾り糸道及びビスプレッター関係)



40-3260-0



(3/16")

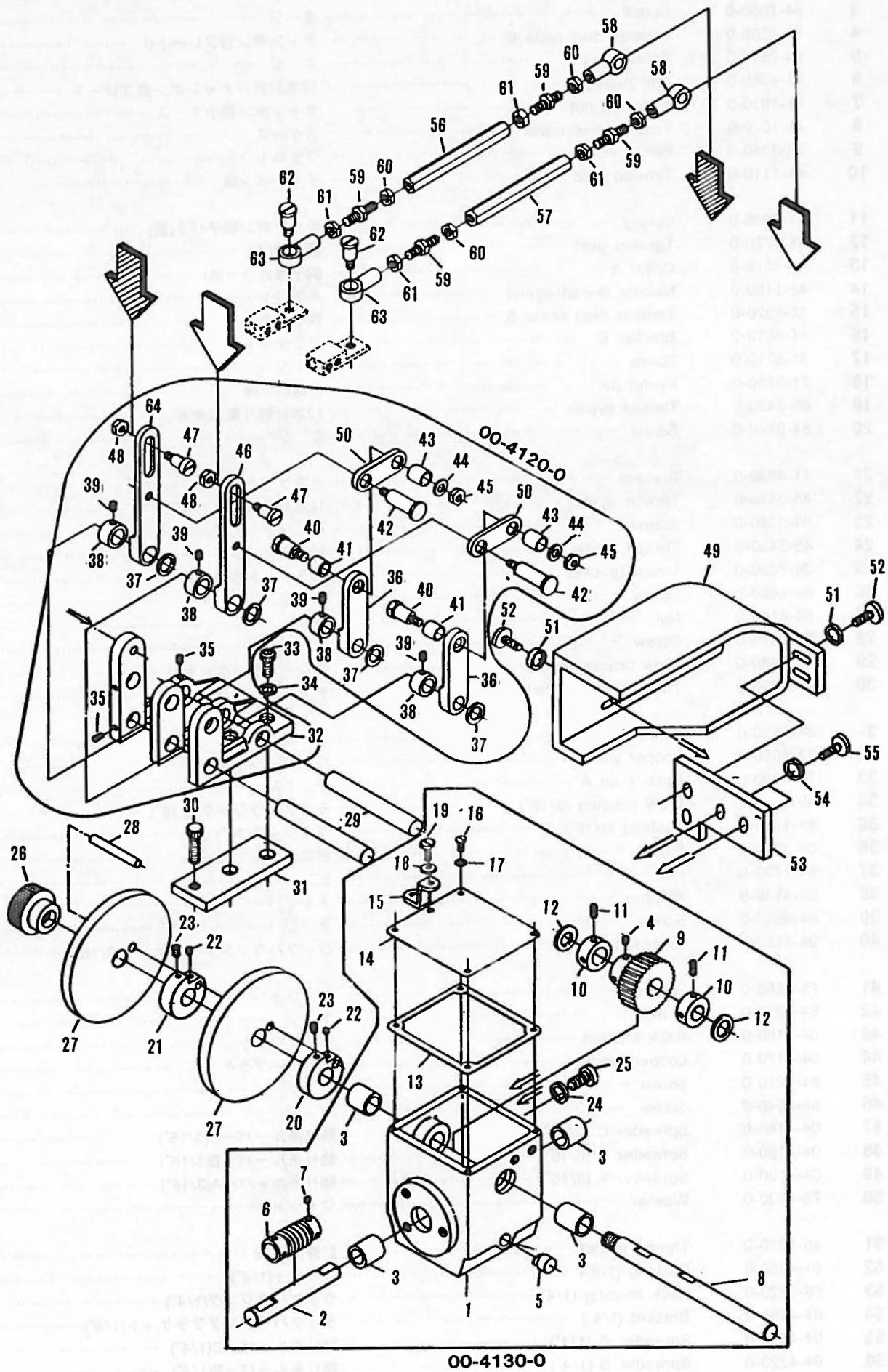


(1/4")

No.	Part No.	Part Name	品 名	Q, ty
1	41-4390-0	Bracket A	12本針スモッキングブラケットA	1
2	85-1860-0	Screw	ネ ジ	2
3	84-7650-0	Screw	ネ ジ	2
4	41-3260-0	Tension disc plate 6	チャンボン台プレート6	2
5	84-7610-0	Screw	ネ ジ	2
6	41-4380-0	Arm plate	12本針飾りチャンボン台プレート	1
7	41-1010-0	Adjusting nut	チャンボン皿小ケース	12
8	41-1070-0	Tension disc cover	大ケース	12
9	23-3240-0	Felt	フェルト	12
10	41-1110-0	Tension disc	チャンボン皿	24
11	41-7020-0	Spring	チャンボン調子バネ(弱)	12
12	41-1720-0	Tension post	調子棒(中)	12
13	41-1310-0	Collar A	調子棒カラー(A)	12
14	41-1150-0	Needle therad eyelet	糸道(上)	12
15	41-1320-0	Tension post collar B	調子棒カラーB	12
16	41-4610-0	Bracket B	ブラケットB	1
17	84-5210-0	Screw	ネ ジ	2
18	71-3700-0	Eyelet pin	糸道取付棒	2
19	45-3420-0	Thread eyelet	12本針飾り案内糸道	1
20	84-3740-0	Screw	ネ ジ	2
21	41-4620-0	Bracket	糸道ブラケット	1
22	45-3440-0	Thread eyelet	12本針飾り糸サバキ	1
23	84-3740-0	Screw	ネ ジ	1
24	45-3430-0	Thread guide	飾り糸ガイド	1
25	26-7090-0	Mount bracket	ブラケット取付金具	2
26	84-5660-0	Screw	ネ ジ	2
27	86-4110-0	Nut	ナット	2
28	84-7610-0	Screw	ネ ジ	1
29	41-3490-0	Plate bracket bar	プレートブラケットバー	2
30	41-1050-0	Tension disc ratchet	チャンボン皿ラチェット	12
31	84-7630-0	Screw	ネ ジ	2
32	71-4600-0	Looper shaft	ルーバーシャフト	1
33	71-4590-0	Rack shaft A	ラックA	2
34	69-3210-0	Rack housing (3/16")	ラックハウジング(3/16")	1
35	81-1410-0	Bushing (3/16")	ブッシュ(3/16")	6
36	04-3280-0	Pinion	ピニオンA	1
37	84-1790-0	Pin	ピン	1
38	04-4140-0	Stopper	ストッパー	2
39	84-3610-0	Screw	ネ ジ	4
40	04-4150-0	Bracket (3/16")	ラックハウジングブラケット(3/16")	1
41	75-4550-0	Washer	ワッシャ	2
42	84-6210-0	Screw	ネ ジ	2
43	04-4160-0	Rack bracket	ラックブラケット	2
44	04-4170-0	Looper bracket	ルーバーブラケット	4
45	84-5210-0	Screw	ネ ジ	6
46	84-3640-0	Screw	ネ ジ	6
47	04-4180-0	Spreader C (3/16")	飾り糸ルーバーC(3/16")	1
48	04-4190-0	Spreader B (3/16")	飾り糸ルーバーB(3/16")	1
49	04-4200-0	Spreader A (3/16")	飾り糸ルーバーA(3/16")	1
50	75-4530-0	Washer	ワッシャ	1
51	45-1370-0	Thread eyelet	針棒糸道12	1
52	81-4350-0	Bushing (1/4")	ブッシュ(1/4")	6
53	69-3220-0	Rack housing (1/4")	ラックハウジング(1/4")	1
54	04-4250-0	Bracket (1/4")	ラックハウジングブラケット(1/4")	1
55	04-4210-0	Spreader C (1/4")	飾り糸ルーバーC(1/4")	1
56	04-4220-0	Spreader B (1/4")	飾り糸ルーバーB(1/4")	1
57	04-4230-0	Spreader A (1/4")	飾り糸ルーバーA(1/4")	1



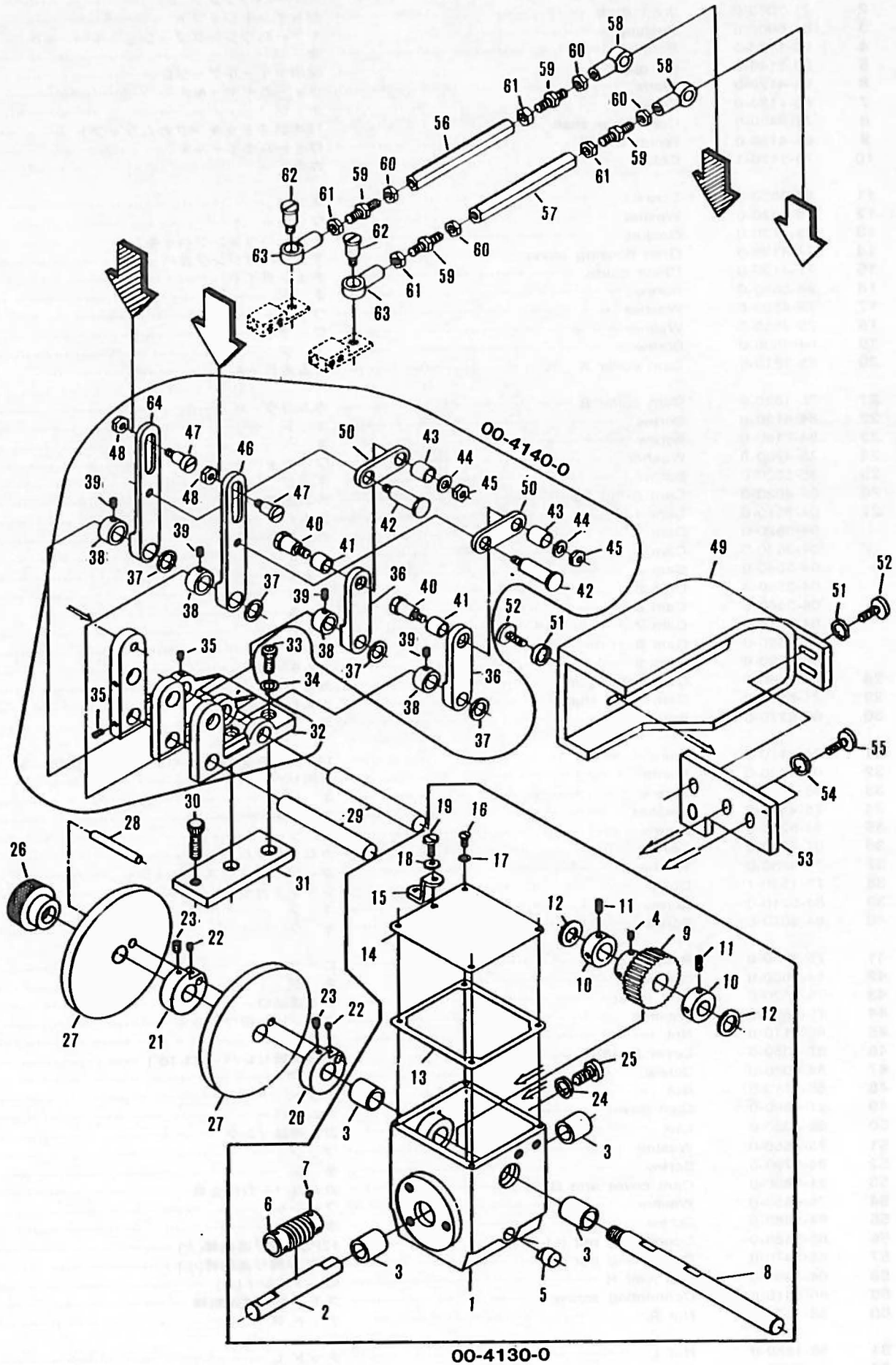
6. PSM. Spreader mechanism 飾り機構 (3/16")





No.	Part No.	Part name	品 名	Q,ty
1	69-3200-0	Gear housing	ギヤーハウジング	1
2	71-7060-0	Joint shaft	ジョイントシャフト	1
3	81-6900-0	Bushing	ギヤーハウジングブッシュ	4
4	85-1130-0	Screw	ネジ	2
5	39-2140-0	Oil gage	簡用ホイールゲージD	1
6	04-4120-0	Worm	ウォームギヤーA	1
7	85-1130-0	Screw	ネジ	6
8	71-9420-0	Cam drive shaft	12本針スモッキングカムシャフト	1
9	04-4130-0	Worm wheel	ウォームホイールA	1
10	75-1120-1	Collar	カラー	2
11	84-5630-0	Screw	ネジ	4
12	75-3320-0	Washer	ワッシャ	2
13	23-4120-0	Gasket	ギヤーハウジングバックン	1
14	21-4120-0	Gear housing cover	ギヤーハウジングカバー	1
15	77-4120-0	Chain guide	チェンガイド	1
16	84-5660-0	Screw	ネジ	4
17	75-4550-0	Washer	ワッシャ	4
18	75-4550-0	Washer	ワッシャ	1
19	84-5630-0	Screw	ネジ	1
20	75-1810-0	Cam collar A	カムカラーA	1
21	75-1820-0	Cam collar B	カムカラーB	1
22	84-5120-0	Screw	ネジ	2
23	84-7180-0	Screw	ネジ	2
24	75-4700-0	Washer	ワッシャ	3
25	85-5220-0	Screw	ネジ	3
26	88-4620-0	Cam fixing nut	カム固定ナット	1
27	04-3510-0	Cam 1	カム1	1
	04-3520-0	Cam 2	カム2	1
	04-3530-0	Cam 3	カム3	1
	04-3540-0	Cam 4	カム4	1
	04-3550-0	Cam 5	カム5	1
	04-3560-0	Cam 6	カム6	1
	04-3570-0	Cam 7	カム7	1
	04-3580-0	Cam 8	カム8	1
	04-3590-0	Cam 9	カム9	1
28	71-2660-0	Cam collar pin	カムカラーピン	1
29	71-5290-0	Cam lever shaft	カムレバーシャフト	2
30	85-6270-0	Screw	ネジ	1
31	04-4110-0	Plate	12本針スモッグ飾りレバーベース取付プレート	1
32	04-3420-0	Flame	糸振りベース	1
33	85-6270-0	Screw	ネジ	2
34	75-4520-0	Washer	ワッシャ	2
35	84-5210-0	Screw	ネジ	2
36	67-4310-0	Lever	カムリンクレバー	2
37	75-4330-0	Washer	カムレバースラストワッシャ	4
38	75-1520-1	Collar	シャフトカラー	4
39	84-5210-0	Screw	ネジ	8
40	84-6070-0	Screw	ネジ	2
41	75-2600-0	Roller	ローラー	2
42	84-6050-0	Screw	ネジ	2
43	75-2570-0	Link roller	カム連結ローラー	2
44	75-3890-0	Washer	クランピン用ワッシャ	2
45	86-3110-0	Nut	ナット	2
46	67-4360-0	Lever (3/16")	飾り糸振りレバー (3/16")	1
47	84-6060-0	Screw	ネジ	2
48	86-3110-0	Nut	ナット	2
49	21-4880-0	Cam cover	カムカバー	1
50	66-4330-0	Link	カム連結リンク	2
51	75-4550-0	Washer	ワッシャ	3
52	84-5790-0	Screw	ネジ	3
53	21-4890-0	Cam cover arm B	カムカバー取付金具	1
54	75-4550-0	Washer	ワッシャ	2
55	84-5660-0	Screw	ネジ	2
56	65-3480-0	Connecting bar (L)	12PSM飾り連結棒(大)	1
57	65-3470-0	Connecting bar (S)	12PSM飾り連結棒(小)	1
58	04-3480-0	Ball joint R	ロッドエンド(右)	2
59	65-3410-0	Connecting screw	スモッキング連結棒	4
60	88-1570-0	Nut R	ナット R	4
61	88-1580-0	Nut L	ナット L	4
62	84-5870-0	Screw	ネジ	2
63	04-3490-0	Ball joint L	ロッドエンド左	2
64	67-4370-0	Lever (3/16")	飾り糸振りレバーB (3/16")	1

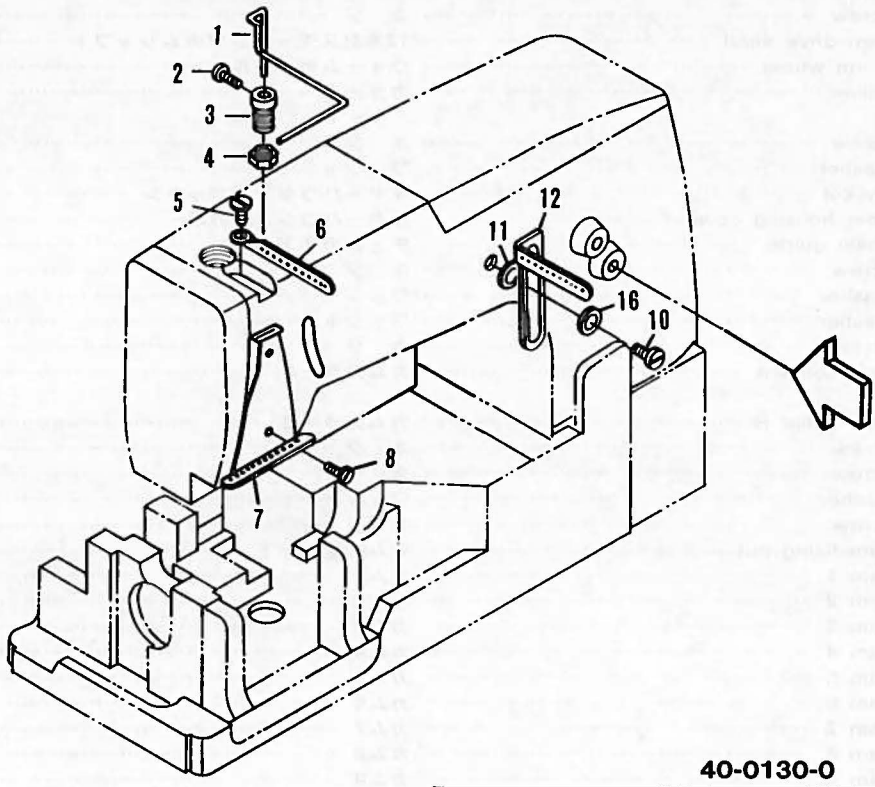
# 7. PSM. Spreader mechanism 飾り機構 (1/4")



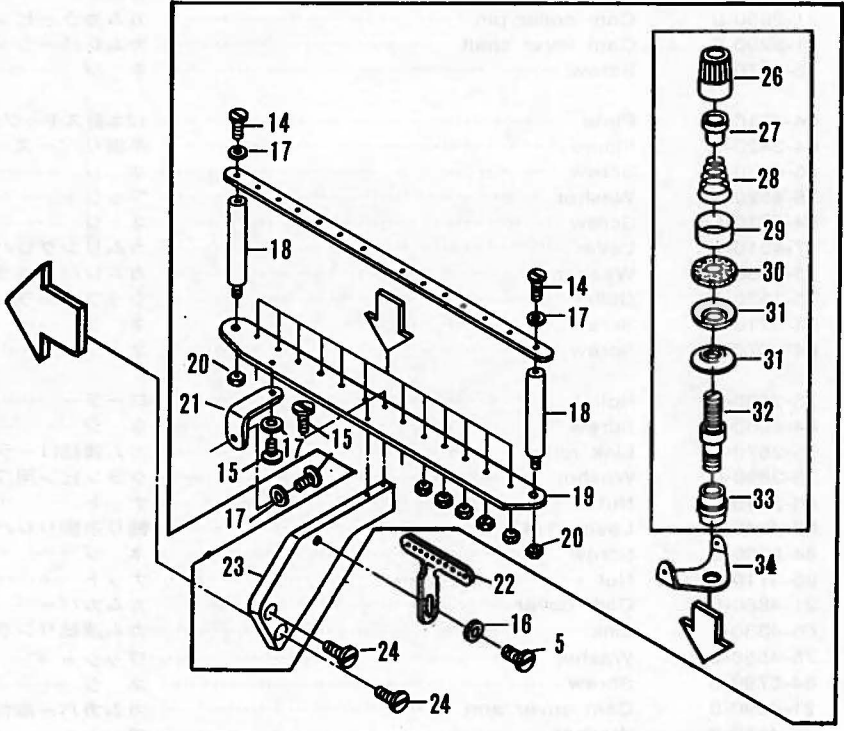


No.	Part No.	Part name	品名	Q,ty
1	69-3200-0	Gear housing	ギヤーハウジング	1
2	71-7060-0	Joint shaft	ジョイントシャフト	1
3	81-6900-0	Bushlng	ギヤーハウジングブッシュ	4
4	85-1130-0	Screw	ネジ	2
5	39-2140-0	Oil gage	筒用ホイールゲージD	1
6	04-4120-0	Worm	ウォームギヤーA	1
7	85-1130-0	Screw	ネジ	6
8	71-9420-0	Cam drive shaft	12本針スモッキングカムシャフト	1
9	04-4130-0	Worm wheel	ウォームホイールA	1
10	75-1120-1	Collar	カラー	2
11	84-5630-0	Screw	ネジ	4
12	75-3320-0	Washer	ワッシャ	2
13	23-4120-0	Gasket	ギヤーハウジングパッキン	1
14	21-4120-0	Gear housing cover	ギヤーハウジングカバー	1
15	77-4120-0	Chain guide	チェンガイド	1
16	84-5660-0	Screw	ネジ	4
17	75-4550-0	Washer	ワッシャ	4
18	75-4550-0	Washer	ワッシャ	1
19	84-5630-0	Screw	ネジ	1
20	75-1810-0	Cam collar A	カムカラーA	1
21	75-1820-0	Cam collar B	カムカラーB	1
22	84-5120-0	Screw	ネジ	2
23	84-7180-0	Screw	ネジ	2
24	75-4700-0	Washer	ワッシャ	3
25	85-5220-0	Screw	ネジ	3
26	88-4620-0	Cam fixing nut	カム固定ナット	1
27	04-3510-0	Cam 1	カム1	1
	04-3520-0	Cam 2	カム2	1
	04-3530-0	Cam 3	カム3	1
	04-3540-0	Cam 4	カム4	1
	04-3550-0	Cam 5	カム5	1
	04-3560-0	Cam 6	カム6	1
	04-3570-0	Cam 7	カム7	1
	04-3580-0	Cam 8	カム8	1
	04-3590-0	Cam 9	カム9	1
28	71-2660-0	Cam collar pin	カムカラーピン	1
29	71-5290-0	Cam lever shaft	カムレバーシャフト	2
30	85-6270-0	Screw	ネジ	1
31	04-4110-0	Plate	12本針スモッグ飾りレバーベース取付プレート	1
32	04-3420-0	Flame	糸振りベース	1
33	85-6270-0	Screw	ネジ	2
34	75-4520-0	Washer	ワッシャ	2
35	84-5210-0	Screw	ネジ	2
36	67-4310-0	Lever	カムリンクレバー	2
37	75-4330-0	Washer	カムレバースラストワッシャ	4
38	75-1520-1	Collar	シャフトカラー	4
39	84-5210-0	Screw	ネジ	8
40	84-6070-0	Screw	ネジ	2
41	75-2600-0	Roller	ローラー	2
42	84-6050-0	Screw	ネジ	2
43	75-2570-0	Link roller	カム連結ローラー	2
44	75-3890-0	Washer	クランピン用ワッシャ	2
45	86-3110-0	Nut	ナット	2
46	67-4340-0	Lever (1/4")	飾り糸振りレバー (1/4")	1
47	84-6060-0	Screw	ネジ	2
48	86-3110-0	Nut	ナット	2
49	21-4880-0	Cam cover	カムカバー	1
50	66-4330-0	Link	カム連結リンク	2
51	75-4550-0	Washer	ワッシャ	3
52	84-5790-0	Screw	ネジ	3
53	21-4890-0	Cam cover arm B	カムカバー取付金具	1
54	75-4550-0	Washer	ワッシャ	2
55	84-5660-0	Screw	ネジ	2
56	65-3480-0	Connecting bar (L)	12PSM飾り連結棒(大)	1
57	65-3470-0	Connecting bar (S)	12PSM飾り連結棒(小)	1
58	04-3480-0	Ball joint R	ロッドエンド(右)	2
59	65-3410-0	Connecting screw	スモッキング連結棒	4
60	88-1570-0	Nut R	ナット R	4
61	88-1580-0	Nut L	ナット L	4
62	84-5870-0	Screw	ネジ	2
63	04-3490-0	Ball joint L	ロッドエンド左	2
64	67-4350-0	Lever (1/4")	飾り糸振りレバーB (1/4")	1

# 8. Thread eyelet components 糸道関係 1012



40-0130-0

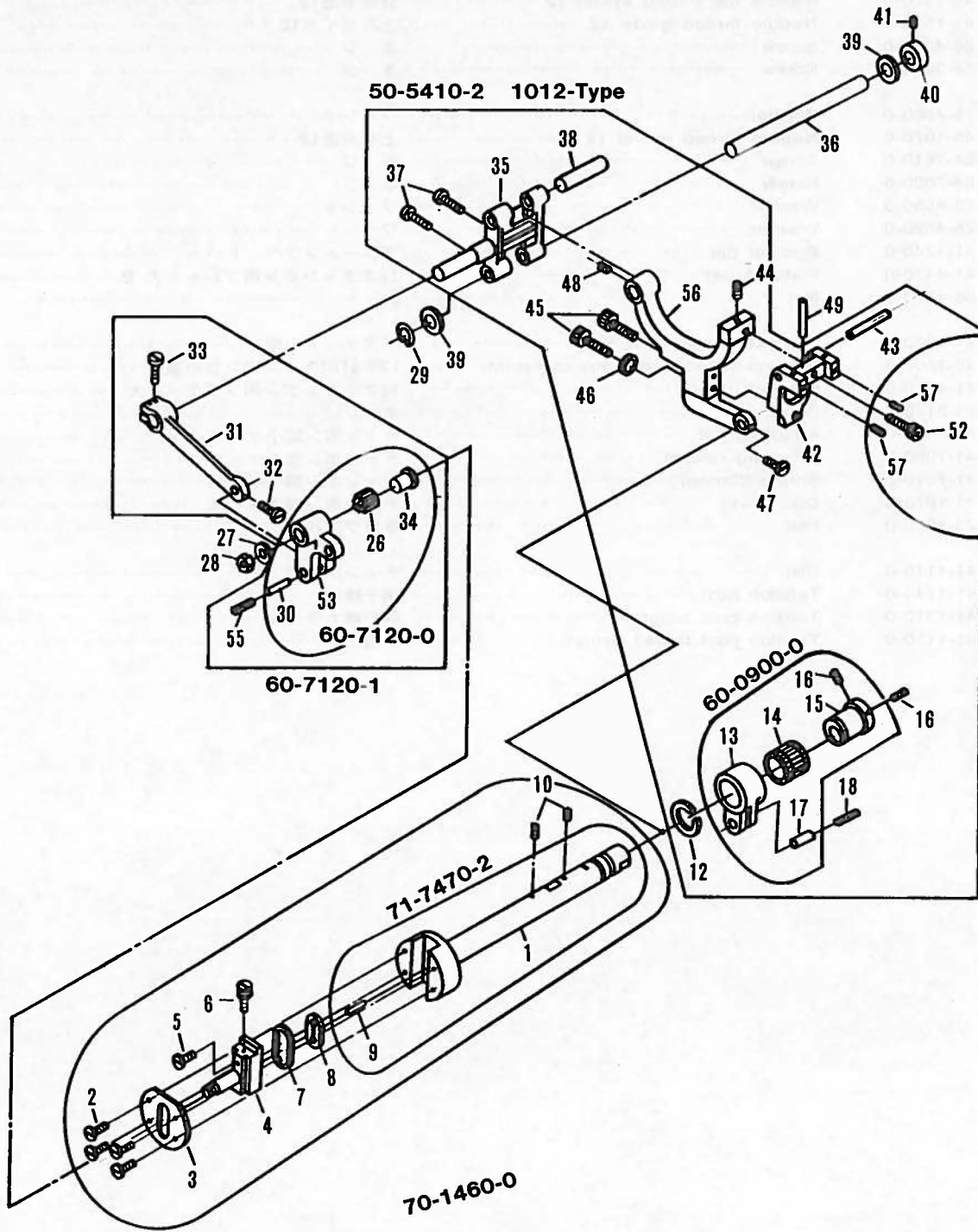




No.	Part No.	Part name	品名	Q,ty
1	45-2230-0	Needle thread take-up wire	上糸受けC	1
2	84-3610-0	Screw	ネジ	1
3	85-7210-0	Screw	ネジ	1
4	86-7210-0	Nut	ナット	1
5	84-3740-0	Screw	ネジ	2
6	45-1370-0	Needle bar thread eyelet 12	針棒糸道12	1
7	45-1570-0	Needle thread guide 12	上糸ガイド12	1
8	84-4640-0	Screw	ネジ	2
10	84-3630-0	Screw	ネジ	1
11	75-4560-0	Washer	ワッシャ	1
12	45-1070-0	Needle thread eyelet 12	上糸糸道12	1
14	84-7610-0	Screw	ネジ	2
15	84-7630-0	Screw	ネジ	3
16	75-4550-0	Washer	ワッシャ	2
17	75-4520-0	Washer	ワッシャ	4
18	41-4240-0	Bracket bar	プレートブラケットバー	2
19	41-4430-0	Plate (large)	12本チャンポン用プレート大 B	1
20	86-4110-0	Nut	ナット	14
21	41-4330-0	Supporting bracket	ブラケット小用プレート	1
22	45-1600-0	Tension ass'y needle thread eyelet	12本針用チャンポン台糸道	1
23	41-4210-0	Bracket (large)	12本チャンポン用ブラケット大	1
24	84-8170-0	Screw	ネジ	2
26	41-1010-0	Adjusting nut	チャンポン皿小ケース	12
27	41-1050-0	Adjusting ratchet	チャンポン皿ラチェット	12
28	41-7010-0	Spring (Strong)	チャンポン調子バネ強	12
29	41-1070-0	Disc cover	チャンポン皿大ケース	12
30	23-3240-0	Felt	取付フェルト	12
31	41-1110-0	Disc	チャンポン皿	24
32	41-1740-0	Tension post	調子棒中	12
33	41-1310-0	Tension post collar A	調子棒カラーA	12
34	41-1150-0	Tension post thread eyelet	糸道上	12



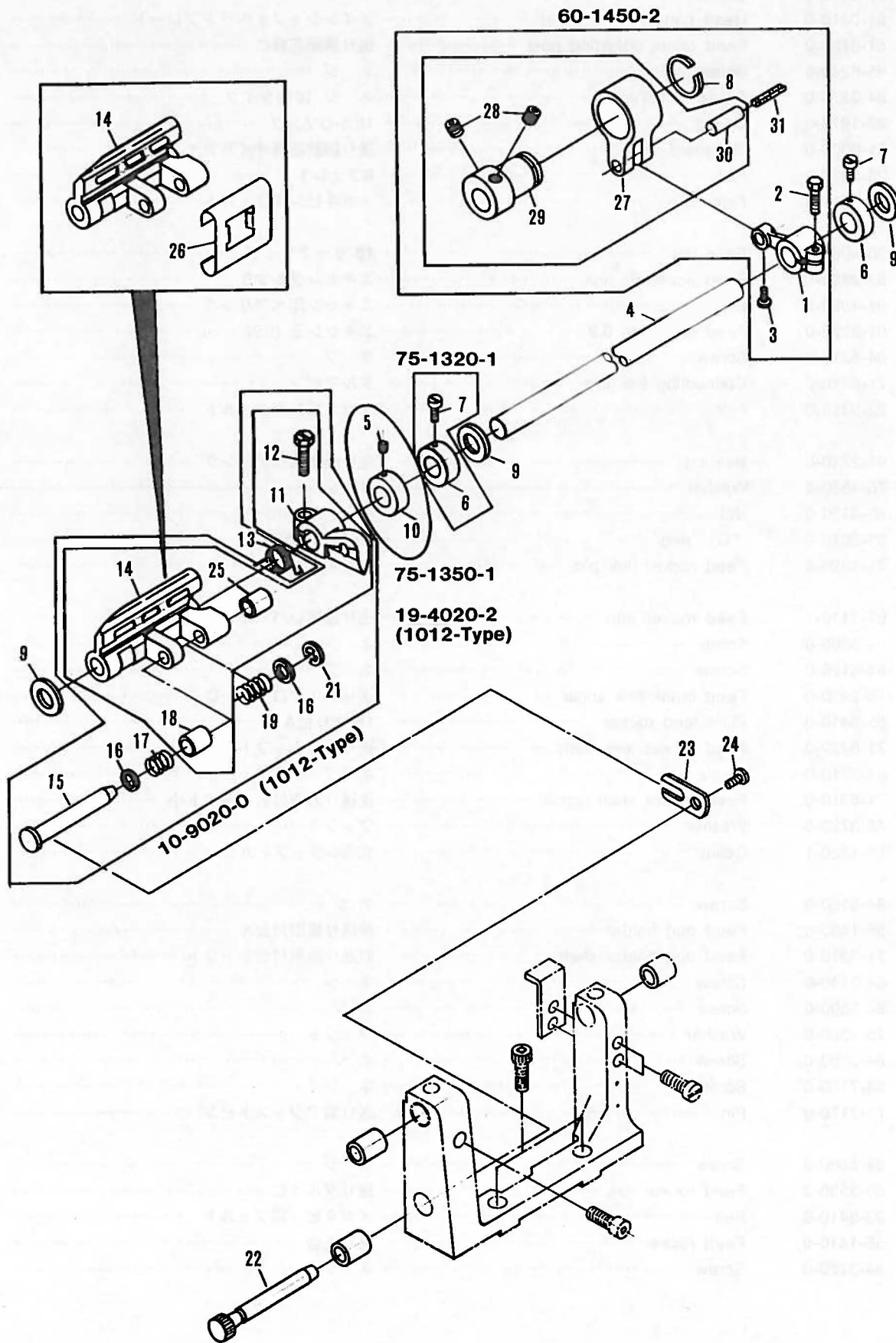
# 9. Feed rocker (送り台機構) 1012



No.	Part No.	Part Name	品 名	Q, ty
1	71-7470-0	Main shaft 4G	前下シャフト4G	1
2	84-6610-0	Screw	ネ ジ	4
3	51-0310-0	Head plate	メインシャフトヘッドプレート	1
4	51-0130-0	Feed crank adjusting post	送り調節芯棒C	1
5	85-6240-0	Screw	ネ ジ	1
6	84-3870-0	Screw 1012Type	ネ ジ 1012タイプ	1
7	23-1970-0	O-ring	12.5-Oリング	1
8	51-0360-0	Oil guard	送り調節芯棒オイルガイド	1
9	23-3930-0	Felt	Rフェルト	1
10	23-3410-0	Felt	メガネピン用フェルト	1
12	93-4060-0	Snap rink	18-サークリップ	1
13	63-2320-U	Feed eccentric link	エキセンダルマB	1
14	91-4060-0	Bearing	エキセン用ベアリング	1
15	61-3220-0	Feed eccentric 0.9	エキセン玉 (0.9)	1
16	84-5210-0	Screw	ネ ジ	2
17	71-4310-0	Connecting link pin	ダルマピン	1
18	23-3410-0	Felt	メガネピン用フェルト	1
26	91-2710-0	Bearing	送り土台用ベアリング	1
27	75-4530-0	Washer	ワッシャー	1
28	86-4120-0	Nut	ナット左	1
29	93-2610-0	"C" ring	10-C形止め輪	1
30	71-4320-0	Feed rocker link pin	メガネピン	1
31	67-3110-1	Feed rocker arm	送り連結レバーA	1
32	84-3660-0	Screw	ネ ジ	1
33	84-6120-0	Screw	ネ ジ	2
34	75-2430-0	Feed crank link collar	送りダルマローラーC	1
35	55-0410-0	Plain feed rocker	1枚送り台A	1
36	71-6420-0	Feed rocker arm shaft	送り元台シャフト	1
37	84-5210-0	Screw	ネ ジ	2
38	71-5310-0	Feed rocker shaft (small)	後送り刃取付台シャフト小	1
39	75-3720-0	Washer	ワッシャ	2
40	75-1320-1	Collar	10.34-シャフトカラー	1
41	84-8160-0	Screw	ネ ジ	1
42	55-1460-0	Feed dog holder	後送り歯取付台A	1
43	71-3510-0	Feed dog holder shaft	前送り歯取付台シャフト	1
44	84-3140-0	Screw	ネ ジ	1
45	84-5690-0	Screw	ネ ジ	2
46	75-4550-0	Washer	ワッシャ	1
47	84-3660-0	Screw	ネ ジ	1
48	84-7180-0	Screw	ネ ジ	1
49	71-2170-0	Pin	送り歯アジャストピン	2
52	84-5880-0	Screw	ネ ジ	1
53	63-3530-2	Feed rocker link	送りダルマC	1
55	23-3410-0	Felt	メガネピン用フェルト	1
56	55-1410-0	Feed rocker	送り土台	1
57	84-3120-0	Screw	ネ ジ	2



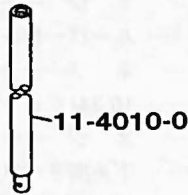
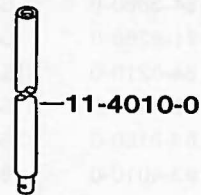
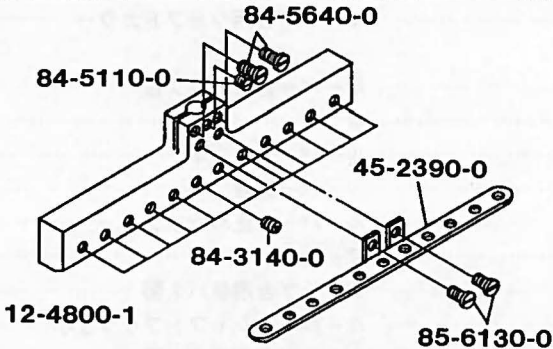
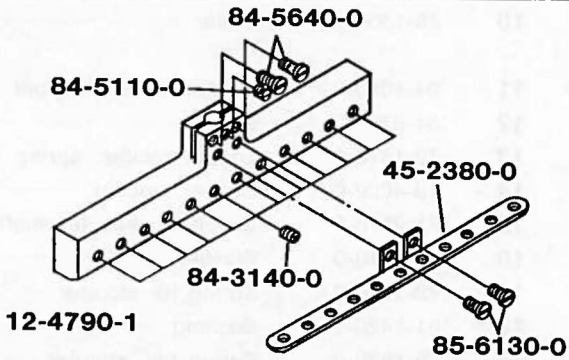
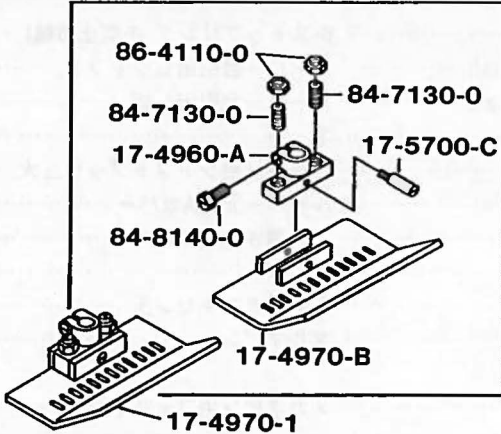
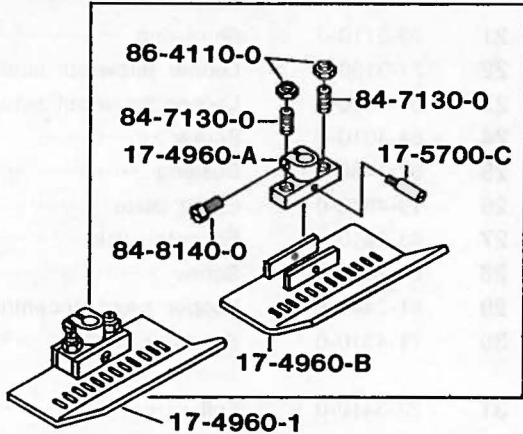
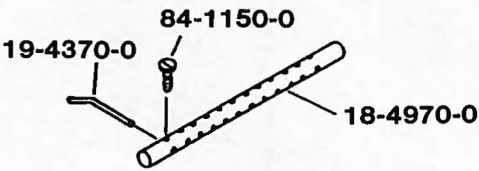
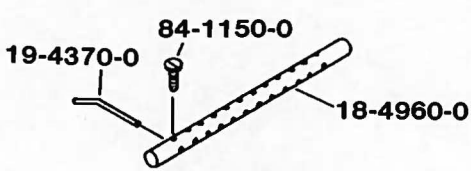
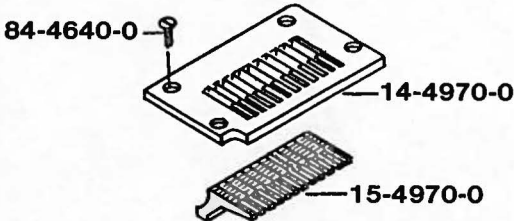
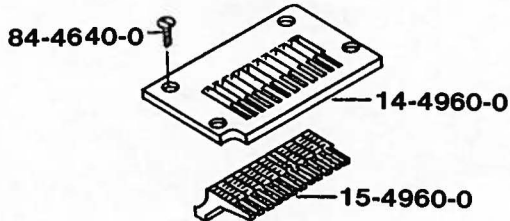
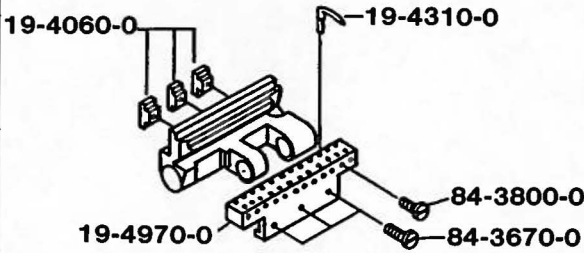
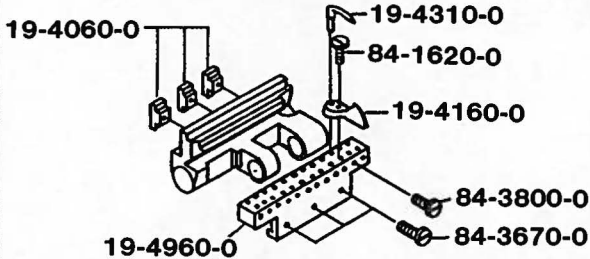
# 10. Looper (ルーパー台機構) 1012



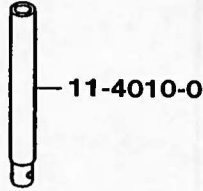
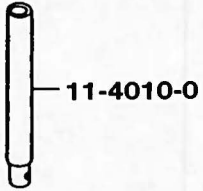
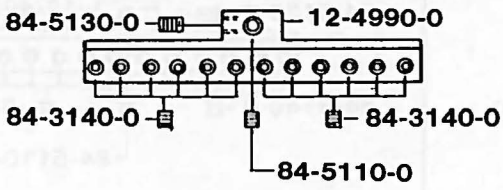
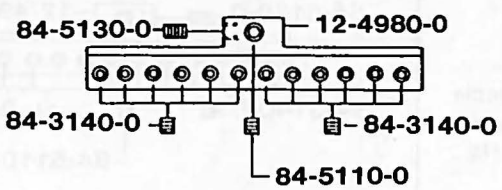
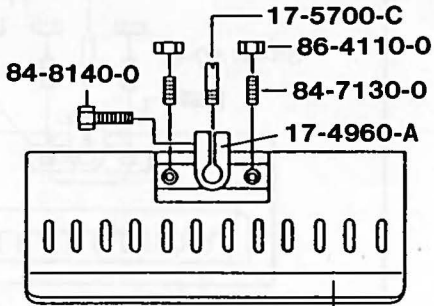
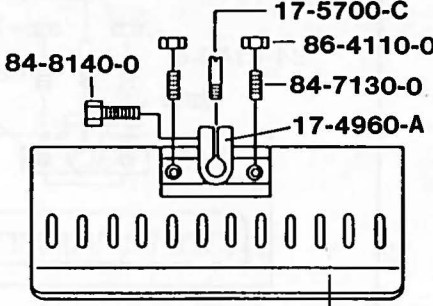
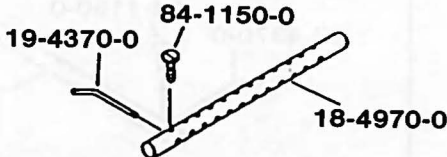
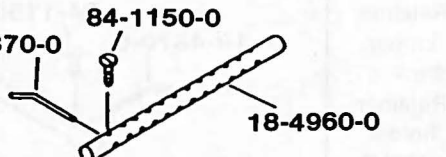
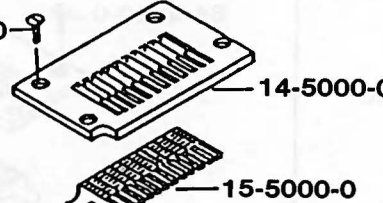
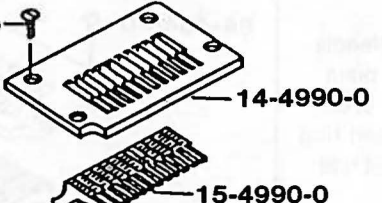
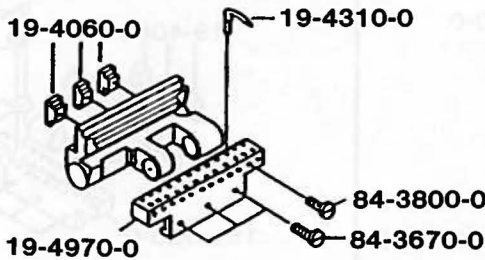
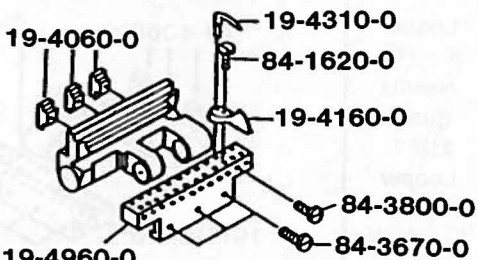
No.	Part No.	Part Name	品 名	Q, ty
1	67-1410-1	Looper rocker lever	ルーバー前後レバー	1
2	84-8140-0	Screw	ネジ	1
3	84-3660-0	Screw	ネジ	1
4	71-6260-0	Looper rocker shaft	ルーバー台シャフト	1
5	84-5210-0	Screw	ネジ	1
6	75-1320-1	Collar	10.34-シャフトカラー	2
7	84-8160-0	Screw	ネジ	2
8	93-4010-0	Snap ring	下糸捌きベアリング用サークリップ	1
9	75-3720-0	Washer	ワッシャ	3
10	75-1350-0	Collar	ルーバー台用シャフトカラー	1
11	04-1060-0	Looper rocker stopper	ルーバー台ストップ台	1
12	84-6120-0	Screw	ネジ	1
13	79-1610-0	Looper rocker spring	ルーバー元台バネ	1
14	19-4020-0	Looper rocker	ルーバー元台	1
15	71-9110-0	Looper rocker set shaft	ルーバー台止めシャフト	1
16	75-3810-0	Washer	ワッシャ	2
17	79-1640-0	Spring for stopper	ストップ台用巻バネ弱	1
18	81-1420-0	Bushing	ルーバー台シャフトブッシュ小	1
19	79-1630-0	Spring for stopper	ストップ台用巻バネ強	1
21	93-2110-0	Snap ring	6-ストップリング (E型止め輪)	1
22	71-9130-0	Looper throw-out actuating shaft	ルーバー台引出しシャフト	1
23	04-1110-0	Looper throw-out actuating plate	ルーバー台引出し板	1
24	84-4010-0	Screw	ネジ	1
25	81-1430-0	Bushing	ルーバー台シャフトブッシュ大	1
26	19-4070-0	Cover plate	ルーバー元台Aカバー	1
27	63-2410-U	Eccentric link	下糸捌き連結ダルマ	1
28	84-7150-0	Screw	ネジ	2
29	61-2440-U	Looper avoid eccentric	下糸捌きエキセン玉	1
30	71-4310-0	Eccentric link pin	ダルマピン	1
31	23-3410-0	Felt	メガネピン用フェルト	1

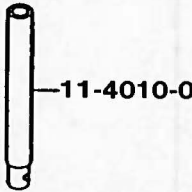
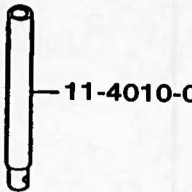
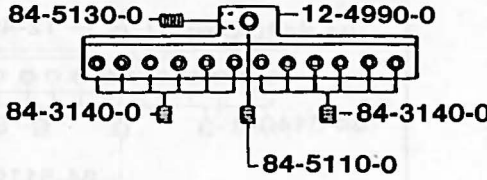
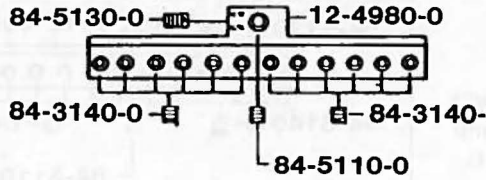
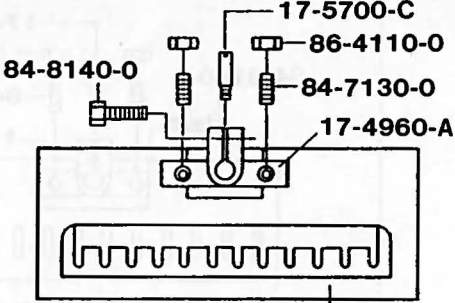
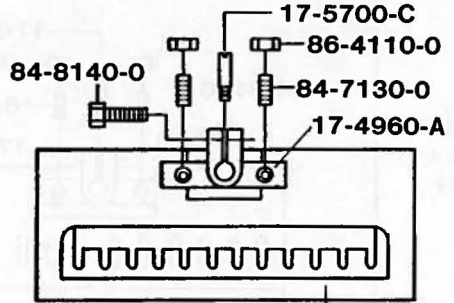
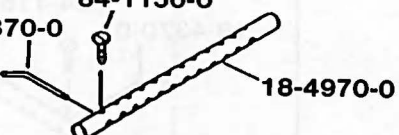
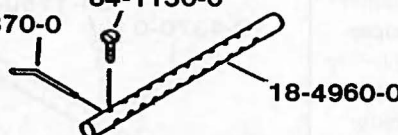
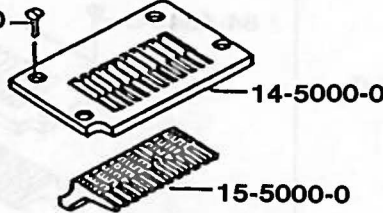
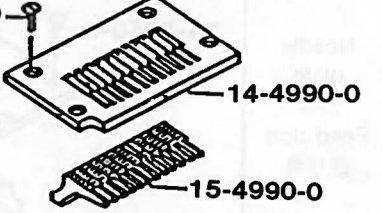
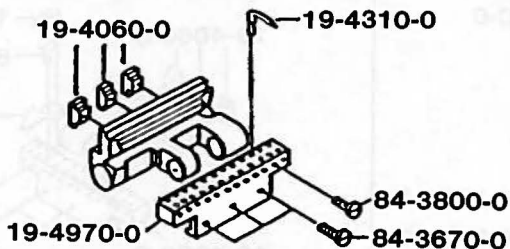
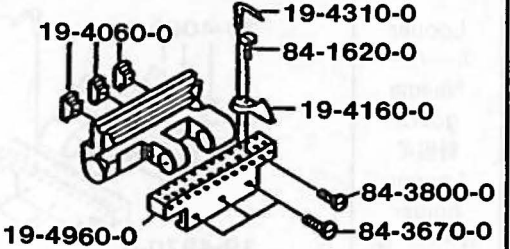


# 11. Gauge parts (ゲージ関係)



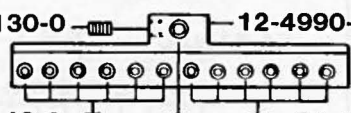
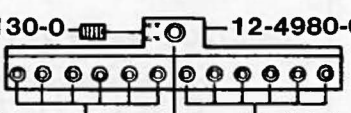
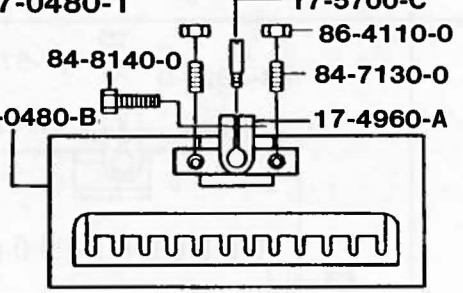
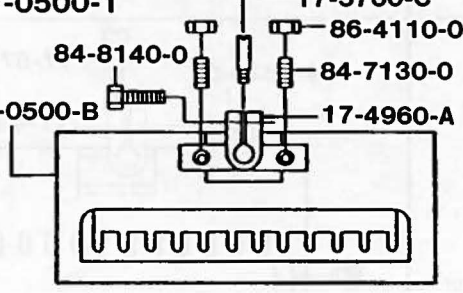
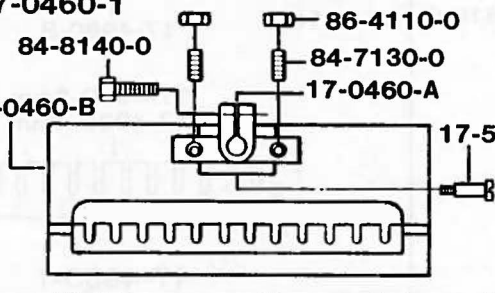
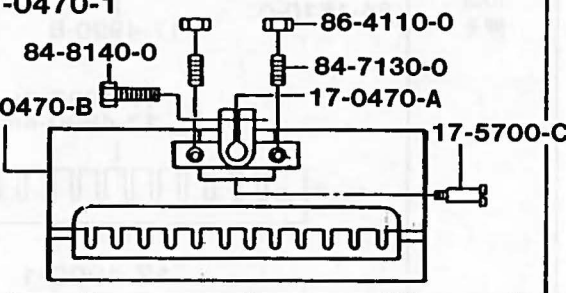
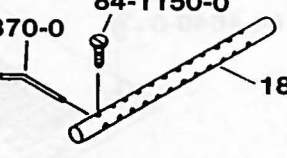
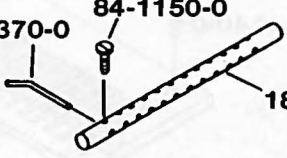
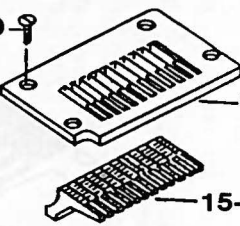
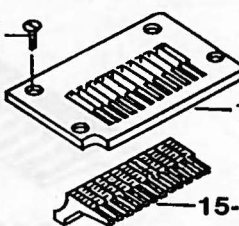
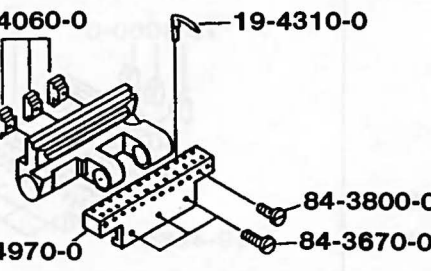
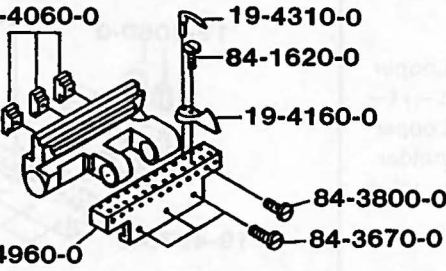
	1412PTV (3/16")	1412PTV (1/4")
Needle bar 針棒		
Needle clamp 針株		
Presser foot 押え		
Retainer loop 糸寄せルーパー Retainer holder 糸寄せ棒		
Needle plate 針板 Feed dog 送り歯		
Looper ルーパー Needle guard 針当て Looper holder ルーパー台		

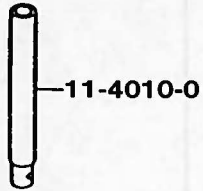
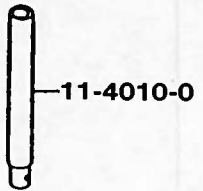
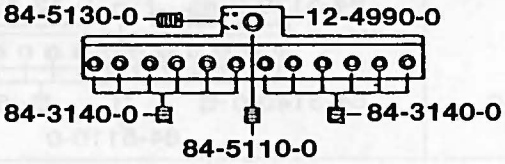
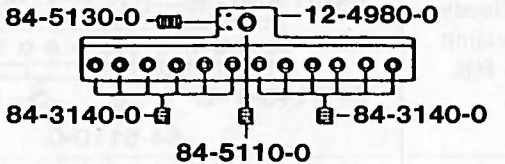
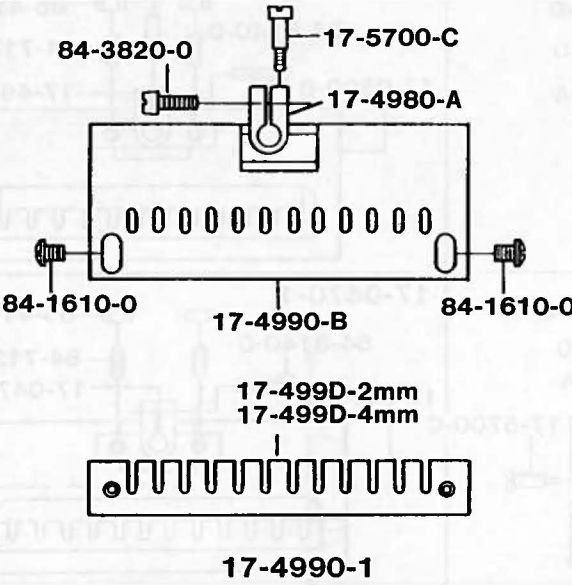
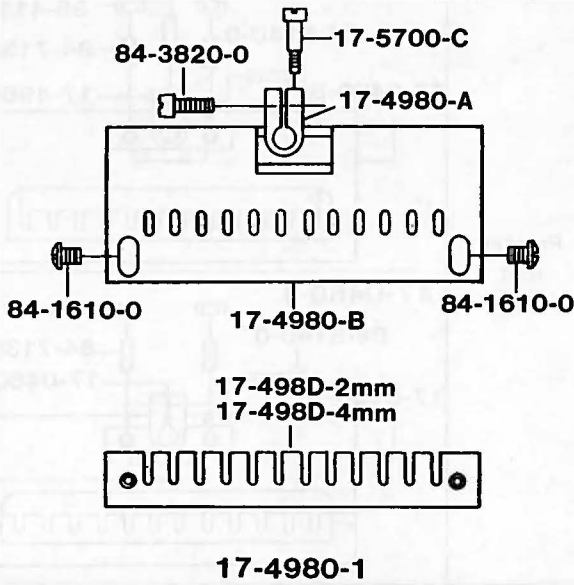
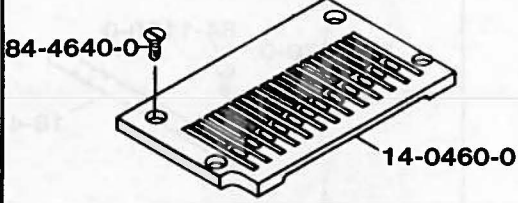
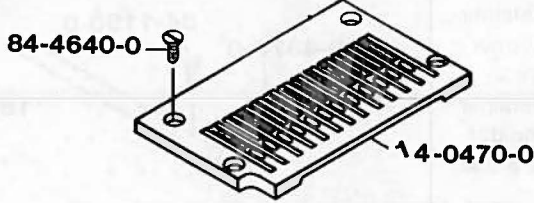
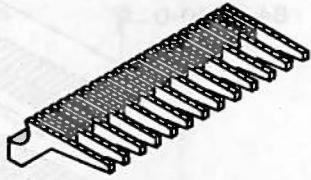
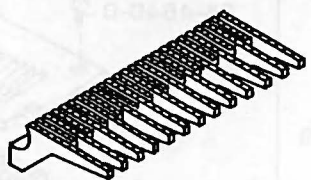
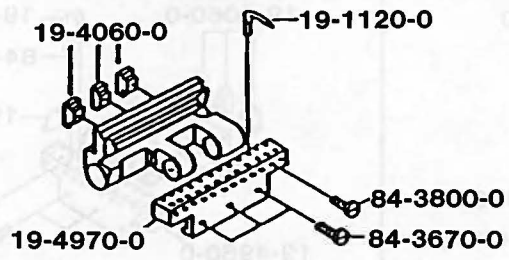
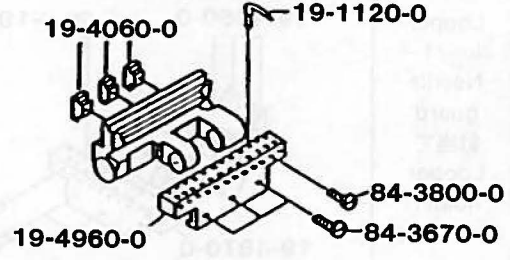


	1412PQ (3/16")	1412PQ (1/4")
Needle bar 針棒	 11-4010-0	 11-4010-0
Needle clamp 針株	 12-4990-1 84-5130-0, 12-4990-0, 84-3140-0, 84-5110-0	 12-4980-1 84-5130-0, 12-4980-0, 84-3140-0, 84-5110-0
Presser foot 押え	 17-4920-1 17-4920-1, 17-5700-C, 84-8140-0, 86-4110-0, 84-7130-0, 17-4960-A, 17-4920-B	 17-4910-1 17-4910-1, 17-5700-C, 84-8140-0, 86-4110-0, 84-7130-0, 17-4960-A, 17-4910-B
Retainer looper 糸寄せルーバー Retainer holder 糸寄せ棒	 18-4970-0 19-4370-0, 84-1150-0	 18-4960-0 19-4370-0, 84-1150-0
Needle plate 針板 Feed dog 送り歯	 14-5000-0 84-4640-0, 15-5000-0	 14-4990-0 84-4640-0, 15-4990-0
Looper ルーバー Needle guard 針当て Looper holder ルーバー台	 19-4310-0 19-4060-0, 19-4970-0, 84-3800-0, 84-3670-0	 19-4160-0 19-4060-0, 19-4960-0, 84-1620-0, 84-3800-0, 84-3670-0

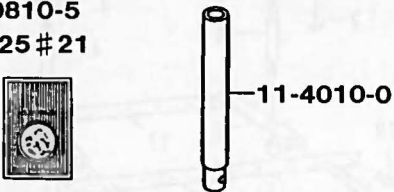
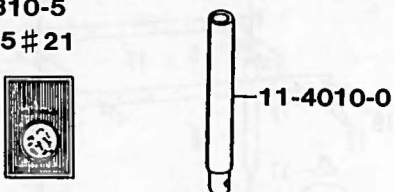
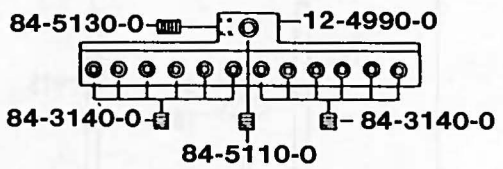
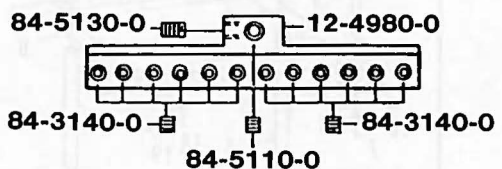
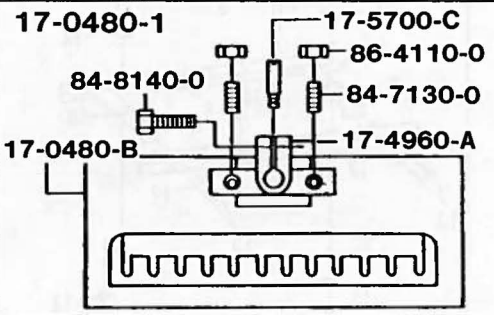
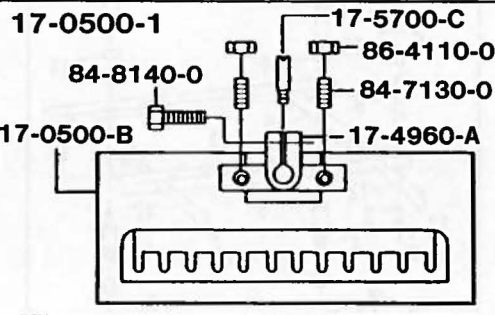
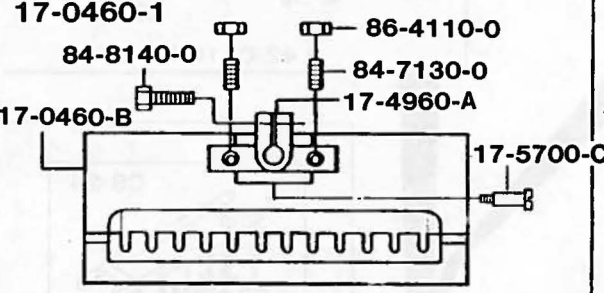
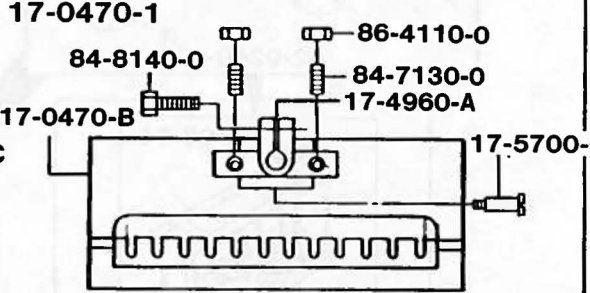
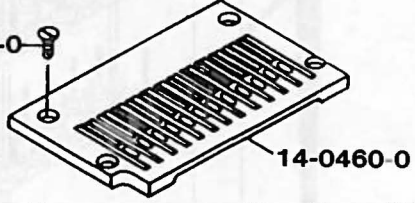
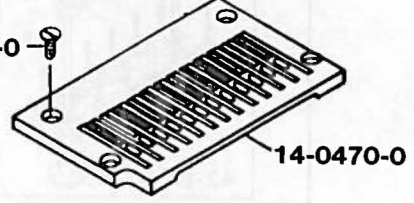
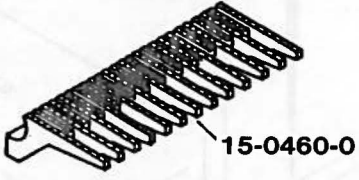
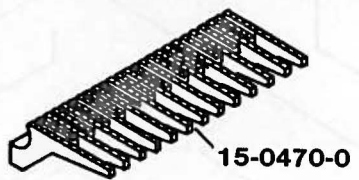
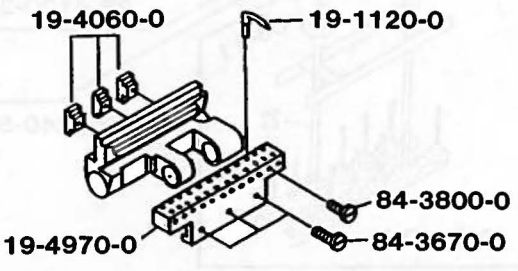
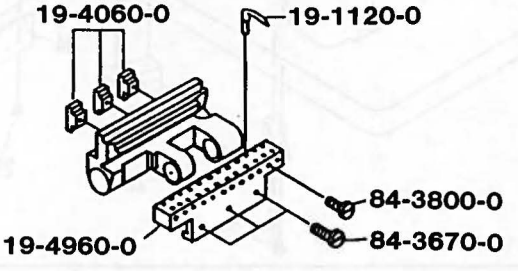
	1412PQSM (3/16")	1412PQSM (1/4")
Needle bar 針棒	 11-4010-0	 11-4010-0
Needle clamp 針株	 84-5130-0 12-4990-0 84-3140-0 84-3140-0 84-5110-0 12-4990-1	 84-5130-0 12-4980-0 84-3140-0 84-3140-0 84-5110-0 12-4980-1
Presser foot 押え	 17-4720-1 17-5700-C 86-4110-0 84-8140-0 84-7130-0 17-4960-A 17-4720-B	 17-4710-1 17-5700-C 86-4110-0 84-8140-0 84-7130-0 17-4960-A 17-4710-B
Retainer loop 糸寄せルーパー Retainer holder 糸寄せ棒	 19-4370-0 84-1150-0 18-4970-0	 19-4370-0 84-1150-0 18-4960-0
Needle plate 針板 Feed dog 送り歯	 84-4640-0 14-5000-0 15-5000-0	 84-4640-0 14-4990-0 15-4990-0
Looper ルーパー Needle guard 針当て Looper holder ルーパー台	 19-4060-0 19-4310-0 19-4970-0 84-3800-0 84-3670-0	 19-4060-0 19-4310-0 19-4960-0 84-1620-0 84-3800-0 84-3670-0



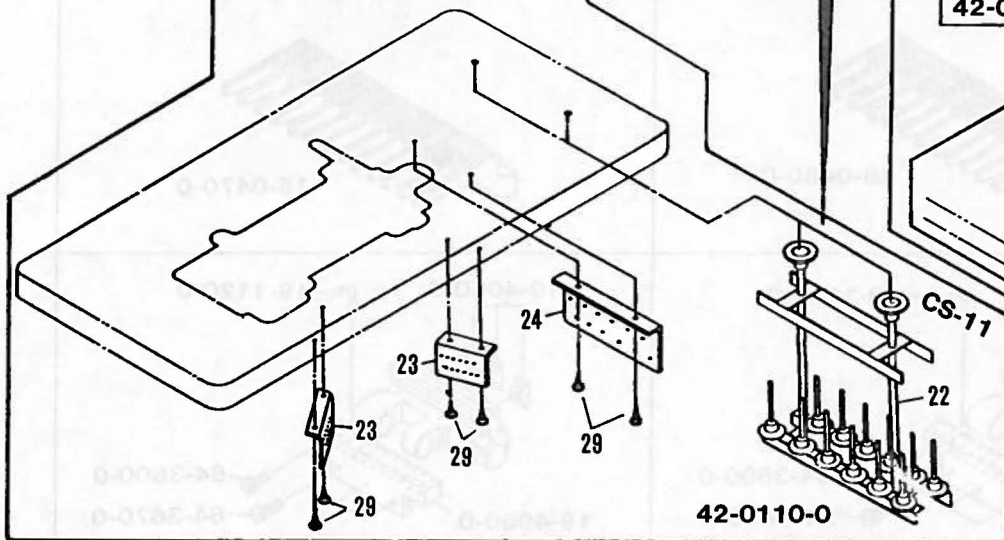
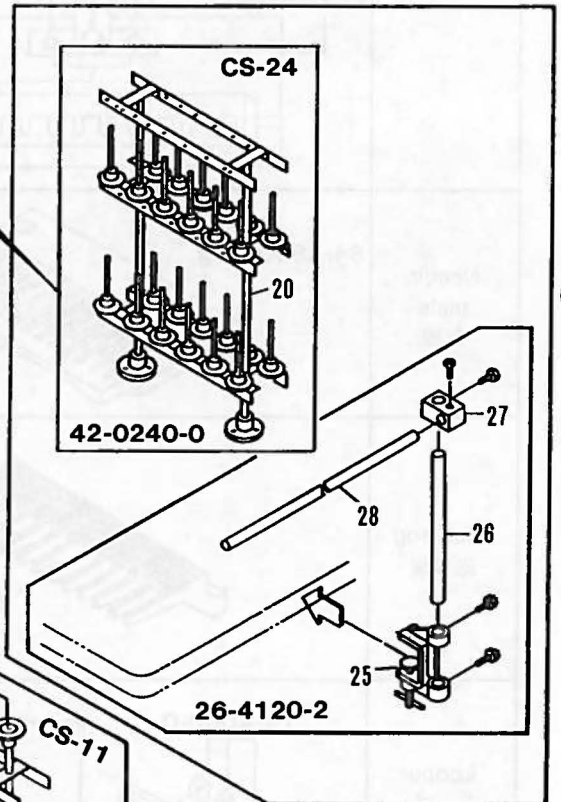
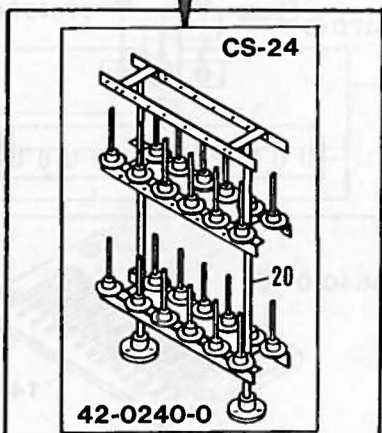
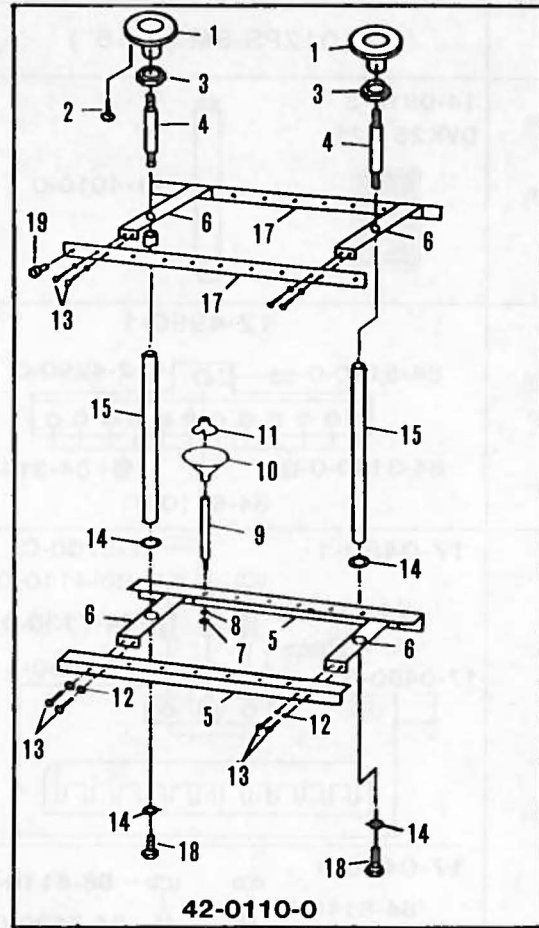
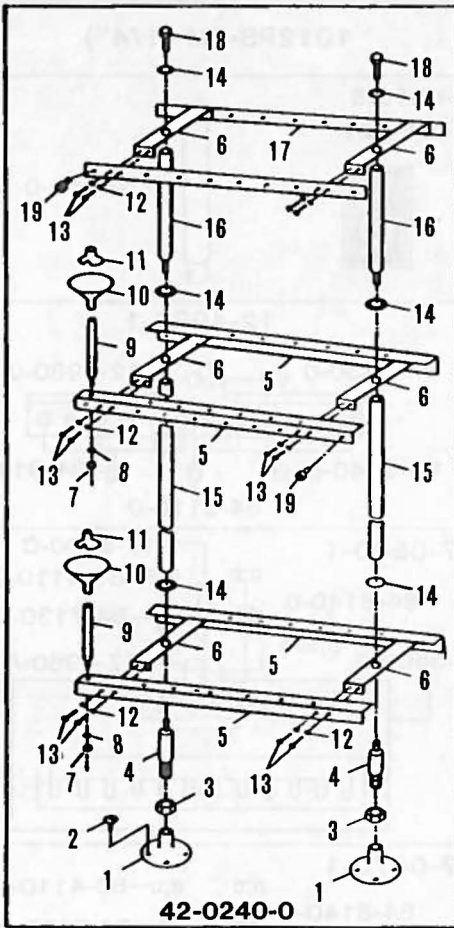
	1412PS-SM (3/16")	1412PS-SM (1/4")
Needle bar 針棒	 11-4010-0	 11-4010-0
Needle clamp 針株	12-4990-1  84-5130-0 12-4990-0 84-3140-0 84-3140-0 84-5110-0	12-4980-1  84-5130-0 12-4980-0 84-3140-0 84-3140-0 84-5110-0
Presser foot 押え	17-0480-1  84-8140-0 17-5700-C 86-4110-0 84-7130-0 17-0480-B 17-4960-A	17-0500-1  84-8140-0 17-5700-C 86-4110-0 84-7130-0 17-0500-B 17-4960-A
	17-0460-1  84-8140-0 86-4110-0 84-7130-0 17-0460-A 17-0460-B 17-5700-C	17-0470-1  84-8140-0 86-4110-0 84-7130-0 17-0470-A 17-0470-B 17-5700-C
Retainer looper 糸寄せルーバー Retainer holder 糸寄せ棒	19-4370-0 84-1150-0  18-4970-0	19-4370-0 84-1150-0  18-4960-0
Needle plate 針板 Feed dog 送り歯	84-4640-0  14-4970-0 15-4970-0	84-4640-0  14-4960-0 15-4960-0
Looper ルーバー Needle guard 針当て Looper holder ルーバー台	19-4060-0 19-4310-0  84-3800-0 84-3670-0 19-4970-0	19-4060-0 19-4310-0  84-1620-0 19-4160-0 84-3800-0 84-3670-0 19-4960-0

	1012PS (3/16")	1012PS (1/4")
Needle bar 針棒	 11-4010-0	 11-4010-0
Needle clamp 針株	12-4990-1  84-5130-0 12-4990-0 84-3140-0 84-3140-0 84-5110-0	12-4980-1  84-5130-0 12-4980-0 84-3140-0 84-3140-0 84-5110-0
Presser foot 押え	 84-3820-0 17-5700-C 17-4980-A 84-1610-0 17-4990-B 84-1610-0 17-499D-2mm 17-499D-4mm 17-4990-1	 84-3820-0 17-5700-C 17-4980-A 84-1610-0 17-4980-B 84-1610-0 17-498D-2mm 17-498D-4mm 17-4980-1
Needle plate 針板	 84-4640-0 14-0460-0	 84-4640-0 14-0470-0
Feed dog 送り歯	 15-0460-0	 15-0470-0
Looper ルーパー Looper holder ルーパー台	 19-4060-0 19-1120-0 19-4970-0 84-3800-0 84-3670-0	 19-4060-0 19-1120-0 19-4960-0 84-3800-0 84-3670-0



	1012PS-SM (3/16")	1012PS-SM (1/4")
Needle 針 Needle bar 針棒	14-0810-5 DVK25 #21  11-4010-0	14-0810-5 DVK25 #21  11-4010-0
Needle clamp 針株	12-4990-1  84-5130-0 12-4990-0 84-3140-0 84-3140-0 84-5110-0	12-4980-1  84-5130-0 12-4980-0 84-3140-0 84-3140-0 84-5110-0
Presser foot 押え	17-0480-1  17-0480-1 17-5700-C 84-8140-0 86-4110-0 84-7130-0 17-0480-B 17-4960-A	17-0500-1  17-0500-1 17-5700-C 84-8140-0 86-4110-0 84-7130-0 17-0500-B 17-4960-A
	17-0460-1  17-0460-1 17-5700-C 84-8140-0 86-4110-0 84-7130-0 17-0460-B 17-4960-A	17-0470-1  17-0470-1 17-5700-C 84-8140-0 86-4110-0 84-7130-0 17-0470-B 17-4960-A
Needle plate 針板	84-4640-0  14-0460-0	84-4640-0  14-0470-0
Feed dog 送り歯	 15-0460-0	 15-0470-0
Looper ルーパー Looper holder ルーパー台	19-4060-0  19-1120-0 84-3800-0 84-3670-0 19-4970-0	19-4060-0  19-1120-0 84-3800-0 84-3670-0 19-4960-0

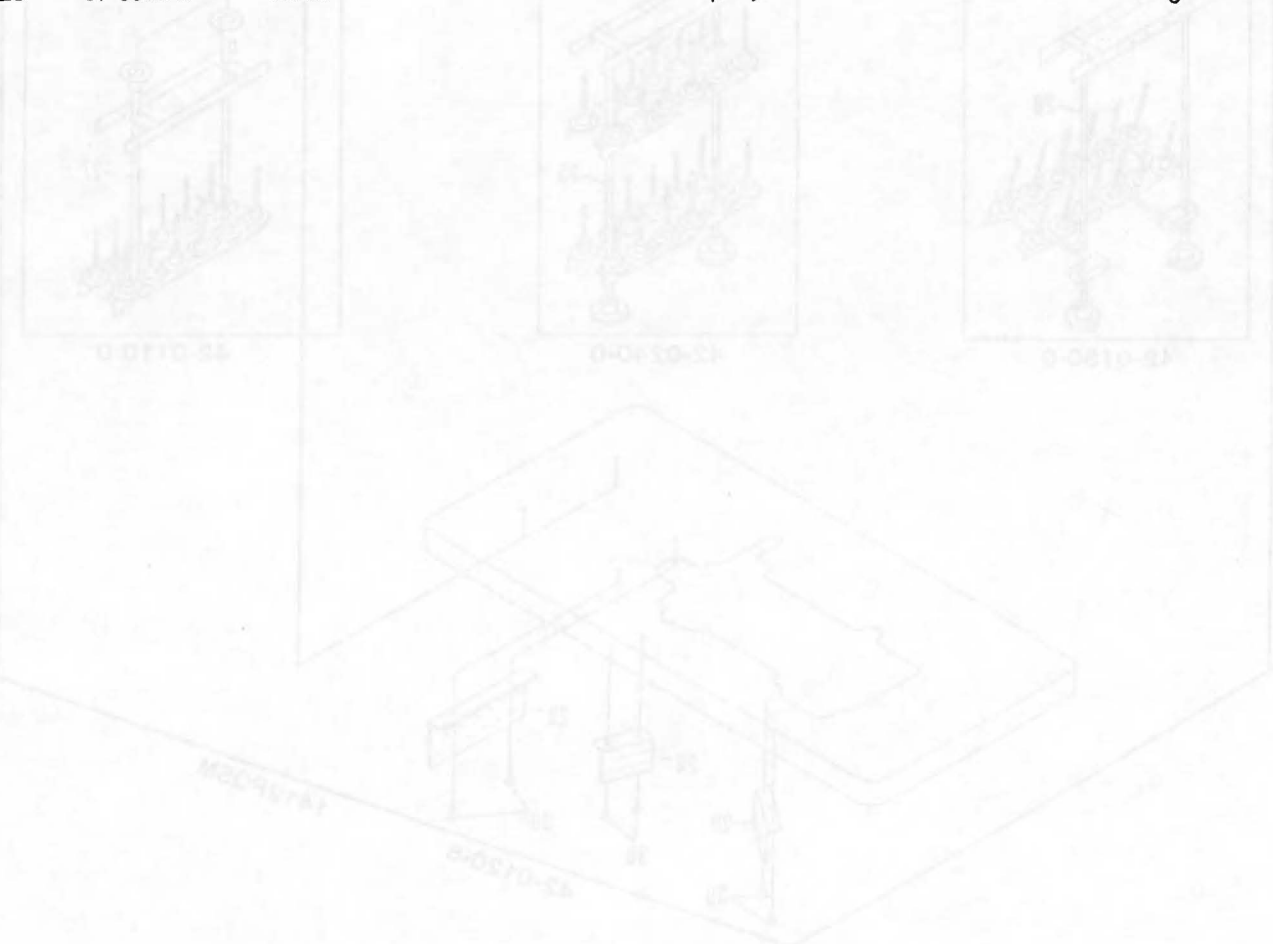
# 12-1. Thread stands (糸立て) 1412PQ, 1412PTV



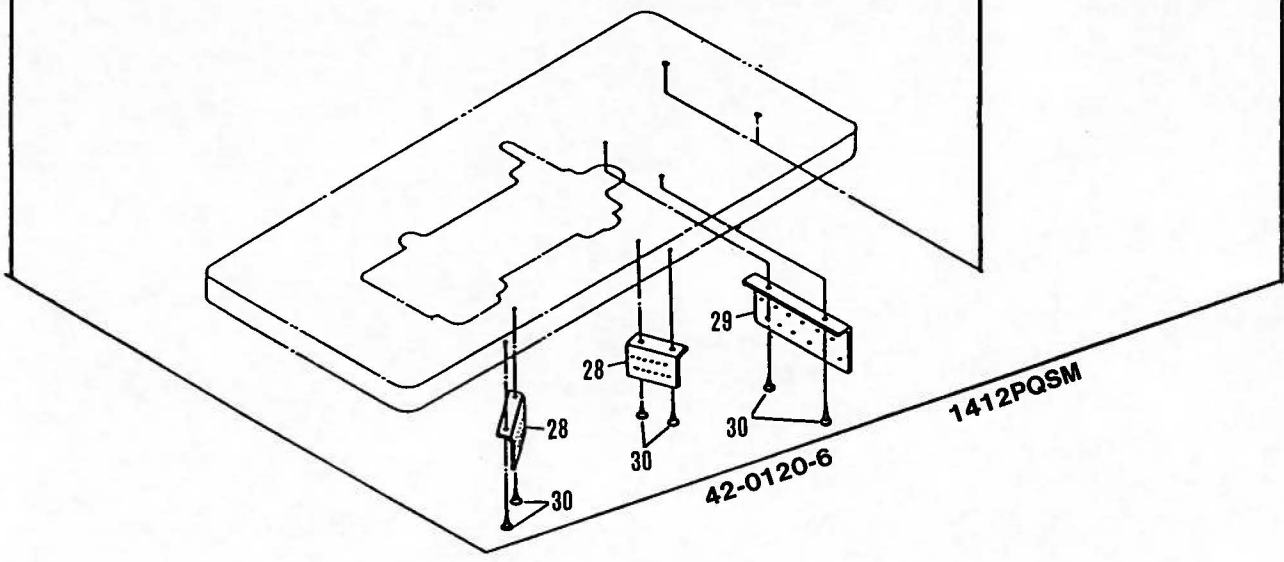
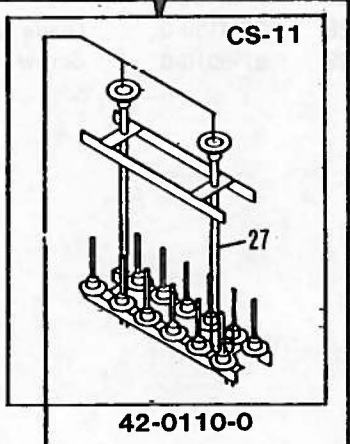
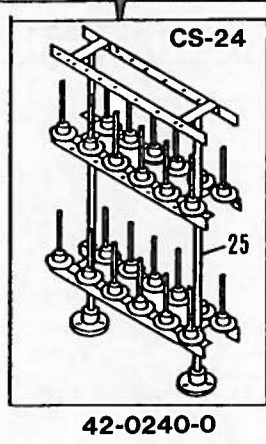
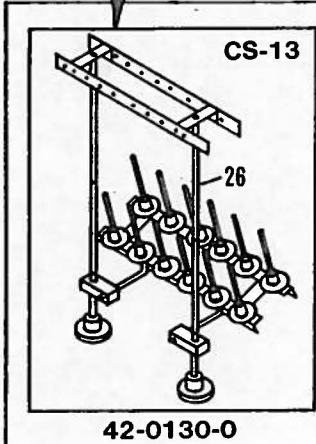
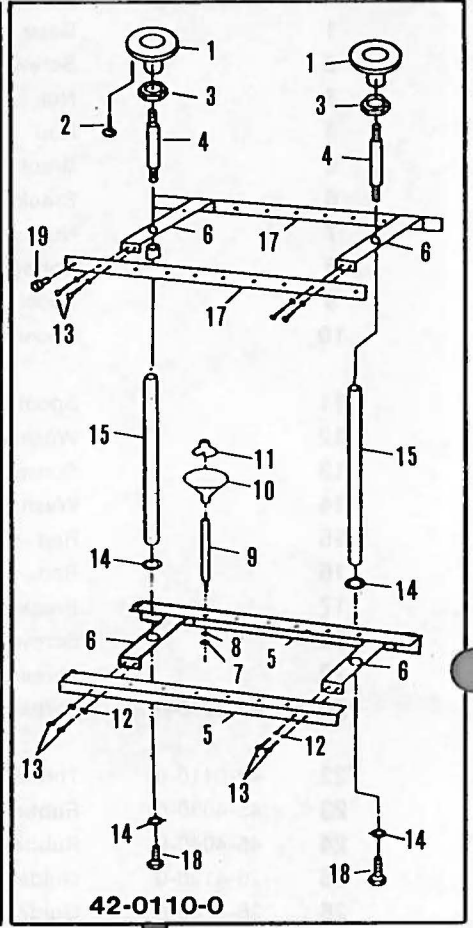
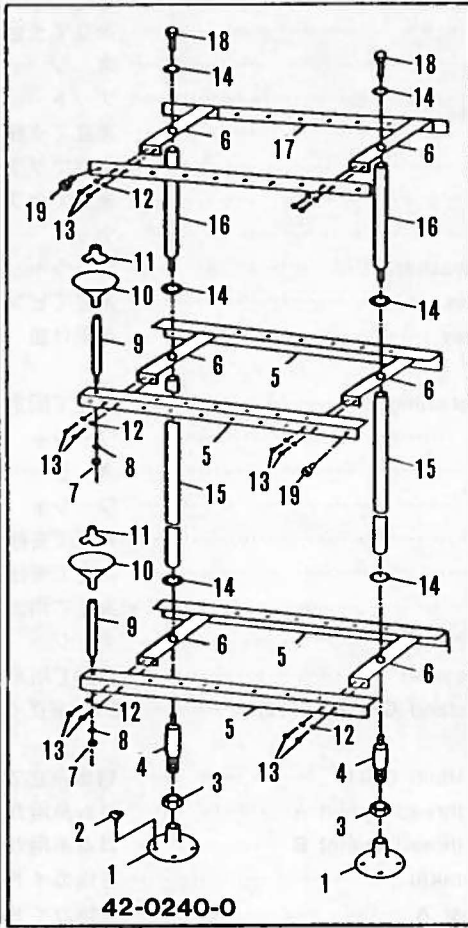
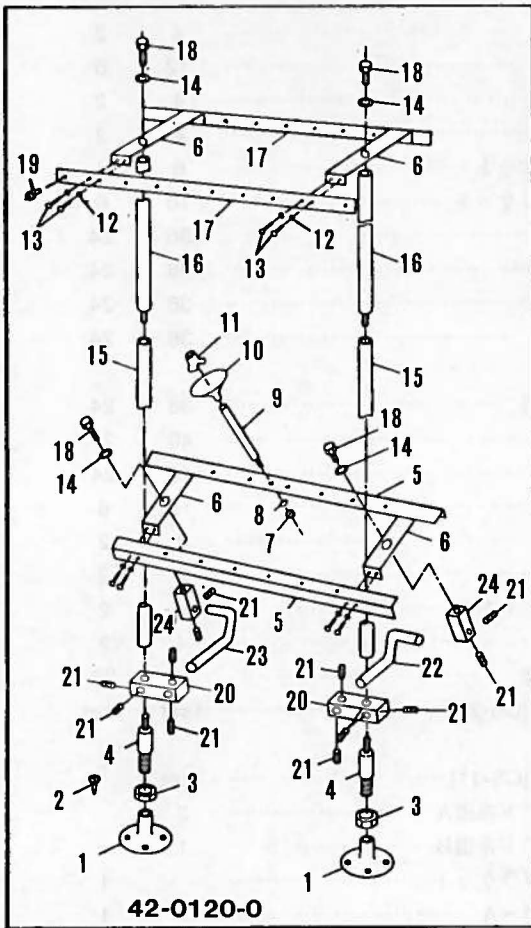
42-0240-5 DFB1412PTV



No.	Part No.	Part Name	品 名	1412PQ	1412PTV
1		Base .....	糸立て土台 .....	4	2
2		Screw .....	ネ ジ .....	12	6
3		Nut .....	ナット .....	4	2
4		Rod .....	糸立て支柱 .....	4	2
5		Bracket .....	糸立てブラケット .....	6	4
6		Bracket .....	糸立て台ブラケット .....	10	6
7		Nut .....	ナット .....	36	24
8		Spring washer .....	ワッシャ .....	36	24
9		Spool pin .....	糸立てピン .....	36	24
10		Spool tray .....	糸受け皿 .....	36	24
11		Spool retaining fin .....	糸立て固定具 .....	36	24
12		Washer .....	ワッシャ .....	40	24
13		Screw .....	ネ ジ .....	40	24
14		Washer .....	ワッシャ .....	10	6
15		Rod .....	糸立て支柱 .....	4	2
16		Rod .....	糸立て支柱 .....	2	2
17		Bracket .....	糸立て用ガイド糸道 .....	4	2
18		Screw .....	ネ ジ .....	4	2
19		Thread eyelet .....	糸立て用糸道 .....	54	36
20	42-0240-0	Thread stand CS-24 (1412) .....	24本糸立て (CS-24) .....	1set	1set
22	42-0110-0	Thread stand CS-11 .....	11本糸立て (CS-11) .....	1set	
23	45-4030-0	Rubber thread eyelet A .....	ゴム糸用ガイド糸道A .....	2	
24	45-4040-0	Rubber thread eyelet B .....	ゴム糸用ガイド糸道B .....	1	
25	26-4120-0	Guide braket .....	生地ガイドブラケット .....		1
26	26-4140-0	Guide bar A .....	生地ガイドバーA .....		1
27	26-4130-0	Braket .....	生地ガイド取付金具 .....		1
28	26-4150-0	Guide bar B .....	生地ガイドバーB .....		1
29	87-9010-0	Screw .....	ネ ジ .....	6	

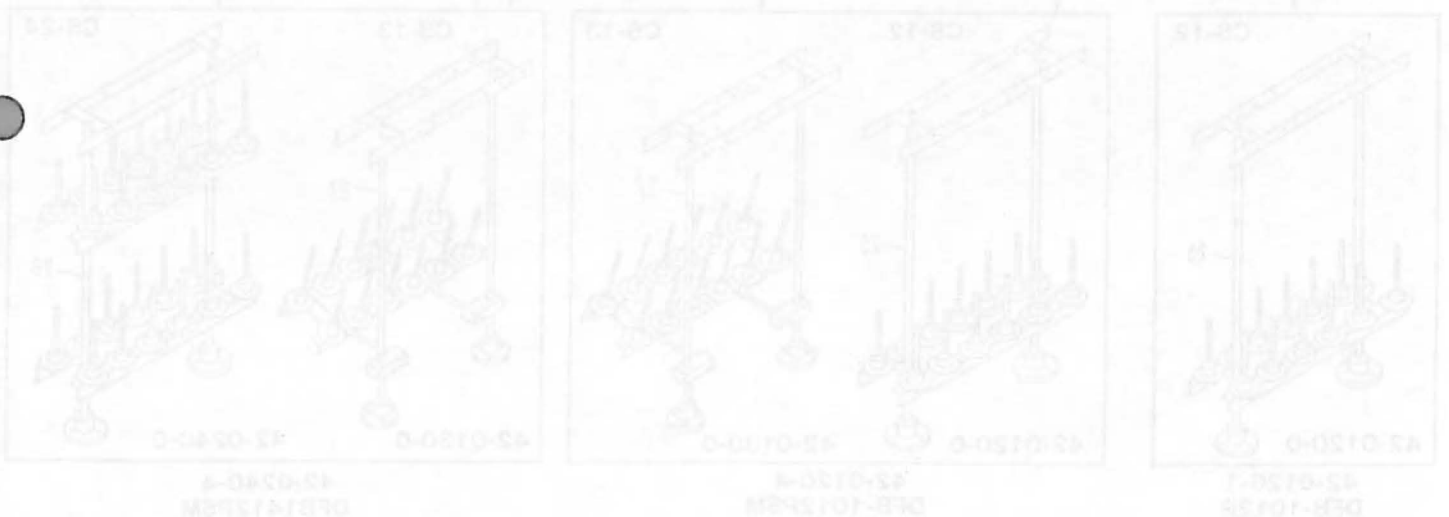


# 12-2. Thread stands (糸立て) 1412PQSM

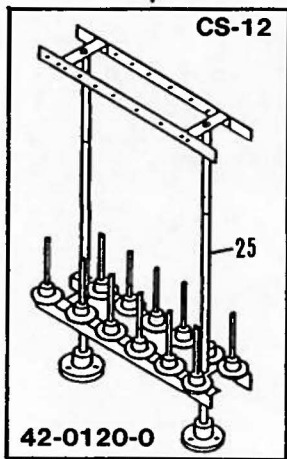
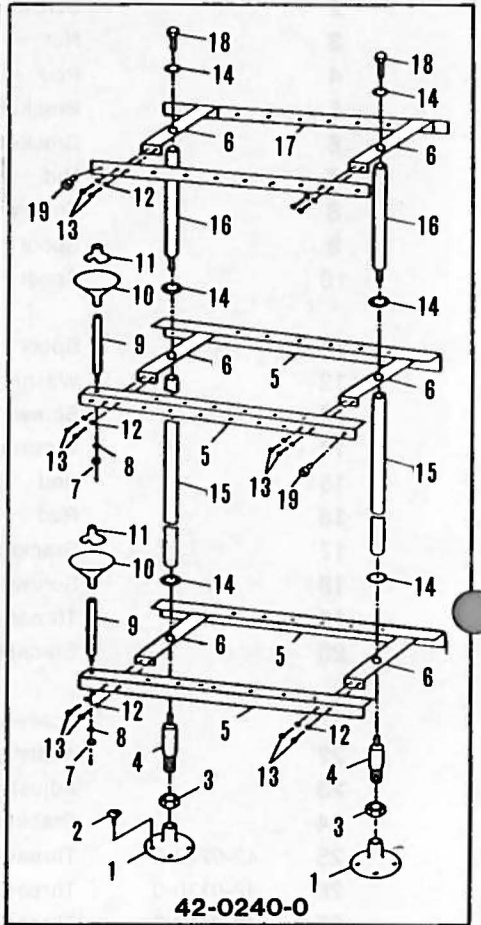
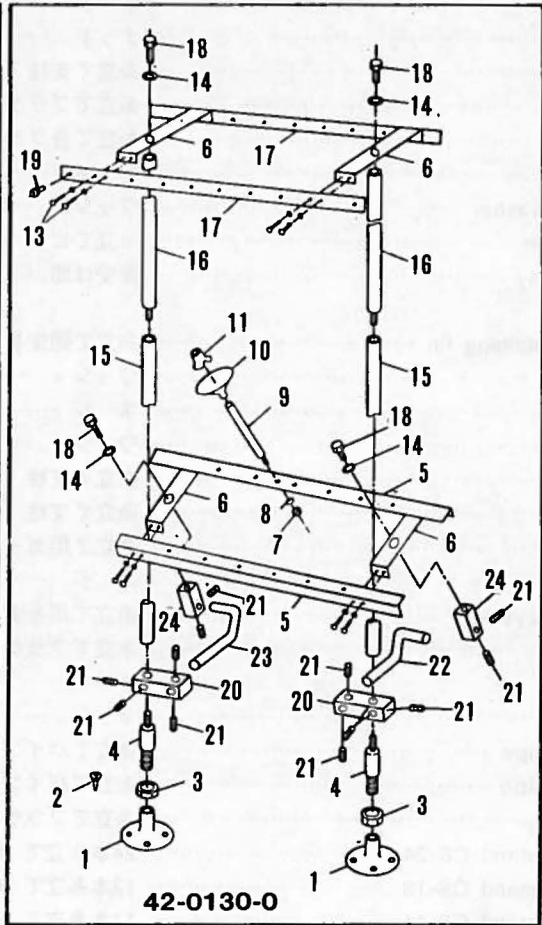
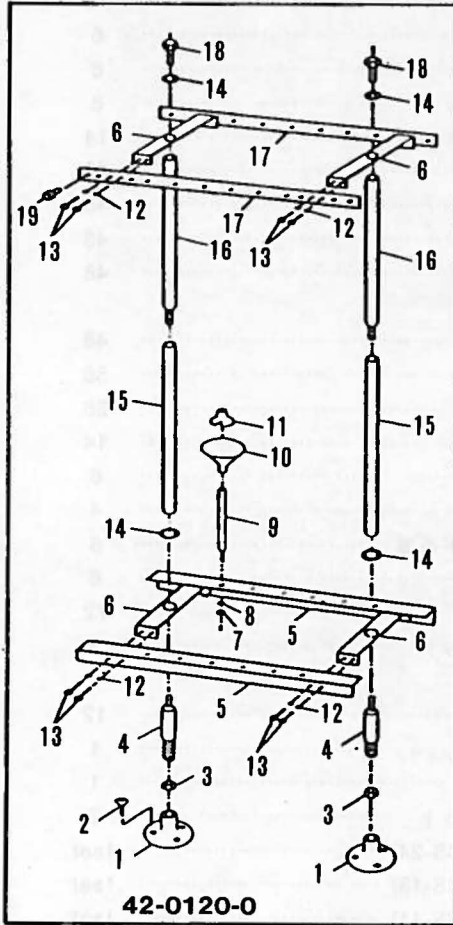




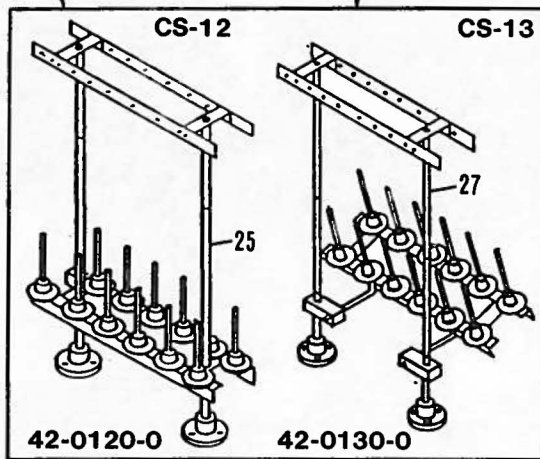
No.	Part No.	Part Name	品名	Q, ty
1		Base	糸立て土台	6
2		Screw	ネジ	18
3		Nut	ナット	6
4		Rod	糸立て支柱	6
5		Bracket	糸立てブラケット	8
6		Bracket	糸立て台ブラケット	14
7		Nut	ナット	48
8		Spring washer	ワッシャ	48
9		Spool pin	糸立てピン	48
10		Spool tray	糸受け皿	48
11		Spool retaining fin	糸立て固定具	48
12		Washer	ワッシャ	56
13		Screw	ネジ	56
14		Washer	ワッシャ	14
15		Rod	糸立て支柱	6
16		Rod	糸立て支柱	4
17		Bracket	糸立て用ガイド糸道	6
18		Screw	ネジ	8
19		Thread eyelet	糸立て用糸道	72
20		Bracket	糸立てブラケット	2
21		Screw	ネジ	12
22		Adjust pipe	糸立てパイプ	1
23		Adjust pipe	糸立てパイプ	1
24		Bracket	糸立てブラケット	2
25	42-0240-0	Thread stand CS-24	24本糸立て (CS-24)	1set
26	42-0130-0	Thread stand CS-13	12本糸立て (CS-13)	1set
27	42-0110-0	Thread stand CS-11	11本糸立て (CS-11)	1set
28	45-4030-0	Rubber thread eyelet A	ゴム糸用ガイド糸道A	2
29	45-4040-0	Rubber thread eyelet B	ゴム糸用ガイド糸道B	1
30	87-9010-0	Screw	ネジ	6



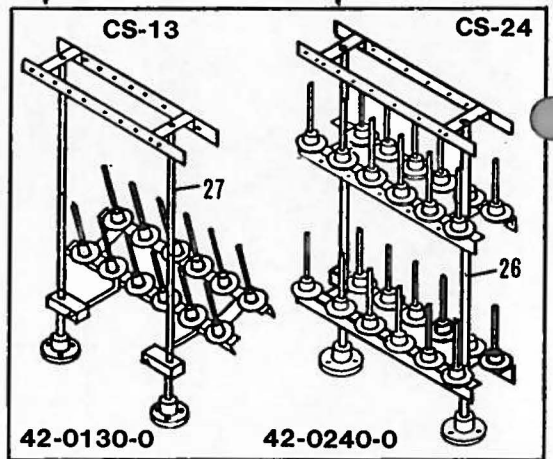
# 12-3. Thread stands (糸立て) 1412PSM,1012PSM,1012P



42-0120-1  
DFB-1012P



42-0120-4  
DFB-1012PSM



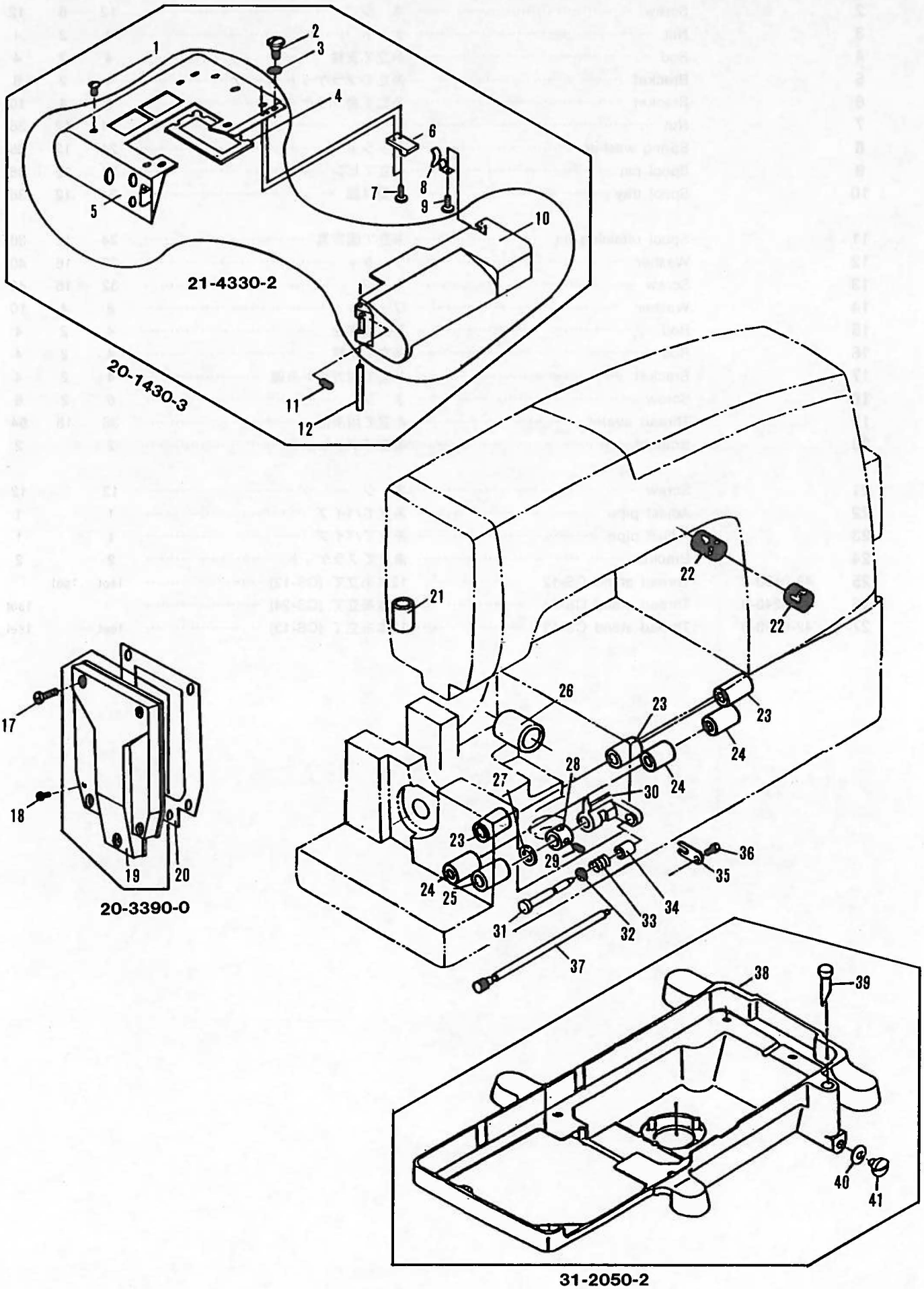
42-0240-4  
DFB1412PSM



No.	Part No.	Part Name	品 名	1012PSM	1012P	1412PSM
1		Base	糸立て土台	4	2	4
2		Screw	ネジ	12	6	12
3		Nut	ナット	4	2	4
4		Rod	糸立て支柱	4	2	4
5		Bracket	糸立てブラケット	4	2	6
6		Bracket	糸立て台ブラケット	8	4	10
7		Nut	ナット	24	12	36
8		Spring washer	ワッシャ	24	12	36
9		Spool pin	糸立てピン	24	12	36
10		Spool tray	糸受け皿	24	12	36
11		Spool retaining fin	糸立て固定具	24	12	36
12		Washer	ワッシャ	32	16	40
13		Screw	ネジ	32	16	40
14		Washer	ワッシャ	8	4	10
15		Rod	糸立て支柱	4	2	4
16		Rod	糸立て支柱	4	2	4
17		Bracket	糸立て用ガイド糸道	4	2	4
18		Screw	ネジ	6	2	6
19		Thread eyelet	糸立て用糸道	36	18	54
20		Bracket	糸立てブラケット	2		2
21		Screw	ネジ	12		12
22		Adjust pipe	糸立てパイプ	1		1
23		Adjust pipe	糸立てパイプ	1		1
24		Bracket	糸立てブラケット	2		2
25	42-0120-0	Thread stand CS-12	12本糸立て (CS-12)	1set	1set	
26	42-0240-0	Thread stand CS-24	24本糸立て (CS-24)			1set
27	42-0130-0	Thread stand CS-13	12本糸立て (CS-13)	1set		1set

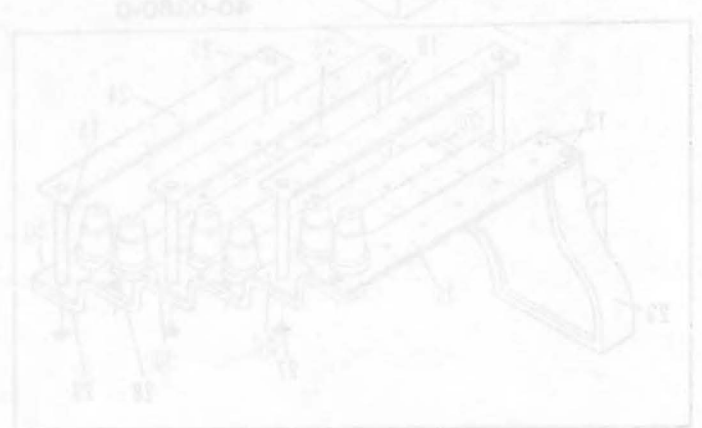
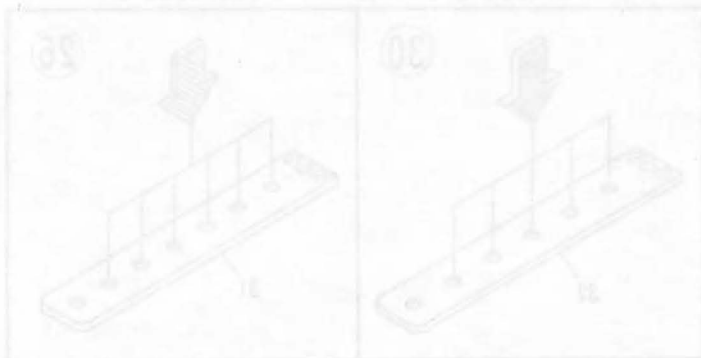
# 13. Housing components. Bushings. Looper. Foot lifter mechanism.

(カバー関係.ブッシュ.ルーパー.押え揚げ機構)



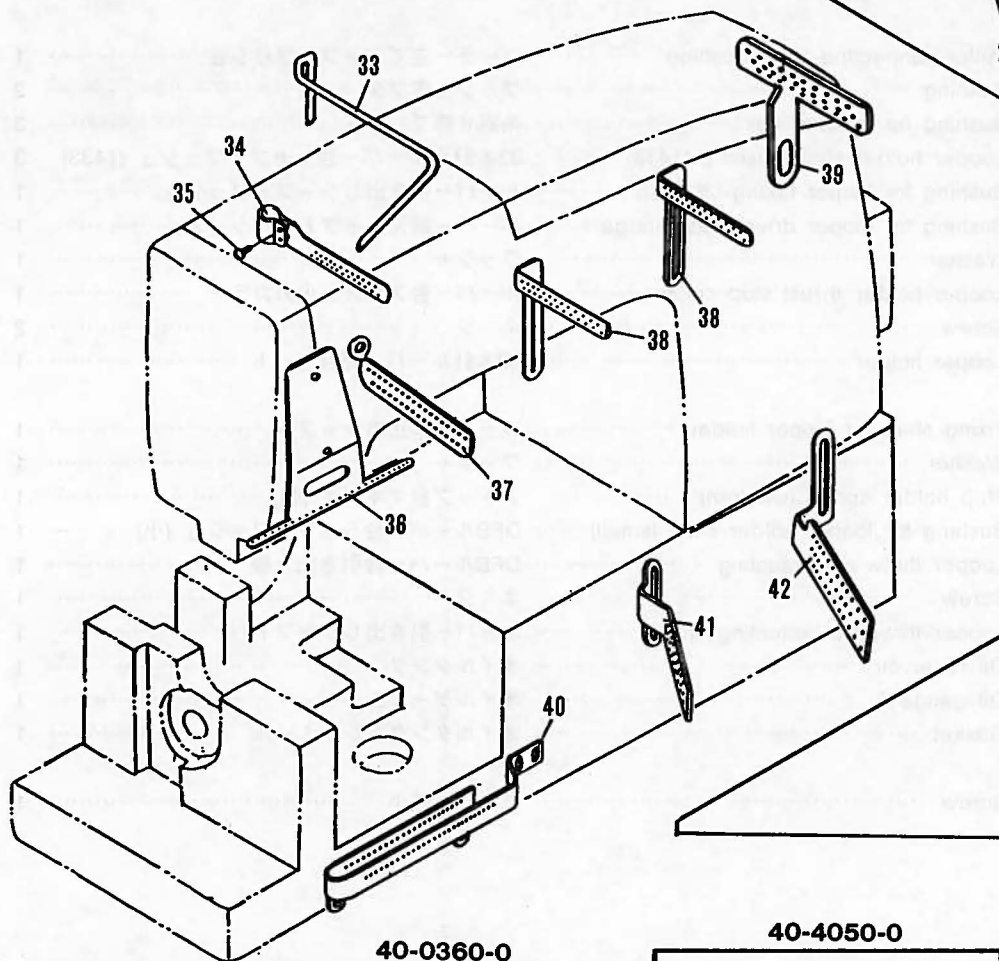
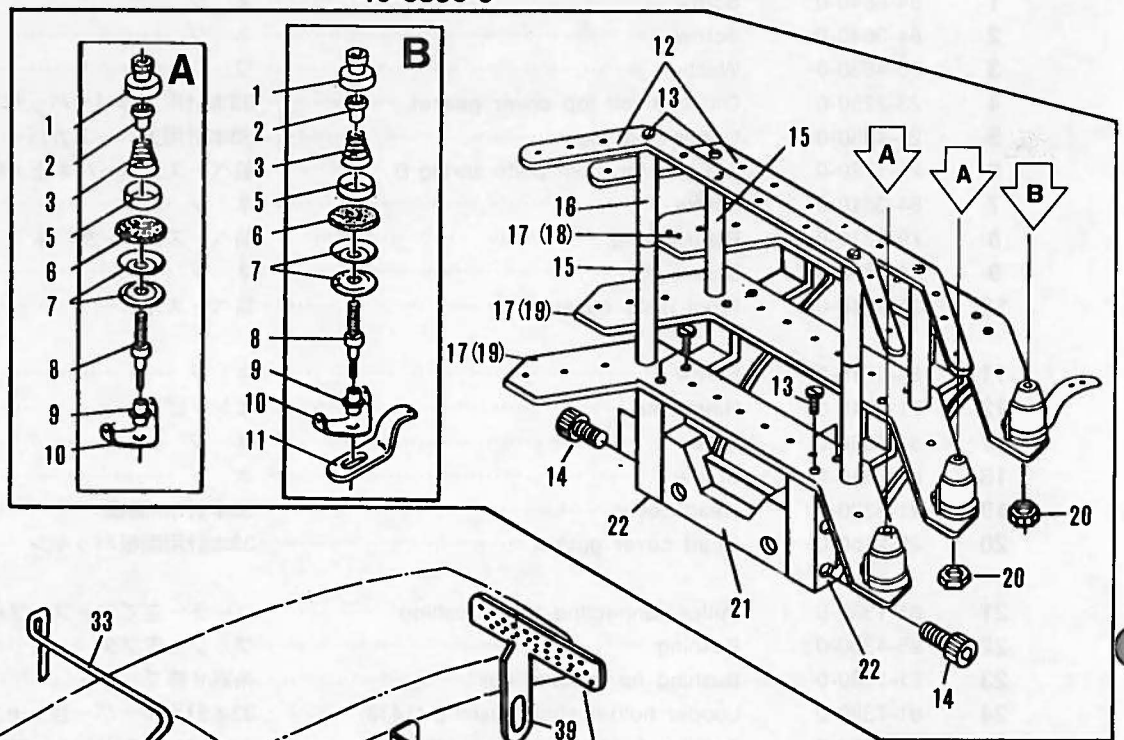


No.	Part No.	Part Name	品 名	Q, ty
1	84-6640-0	Screw	ネ ジ	10
2	84-3640-0	Screw	ネ ジ	1
3	75-4530-0	Washer	ワッシャ	1
4	23-2250-0	Oil reservoir top cover gasket	33本針用上カバーパッキン	1
5	21-4330-0	Upper cloth plate	33本針用上ベেসカバー	1
6	25-1720-0	Stopper for cloth plate spring B	前ベেসカバーバネ止め板B	1
7	84-3610-0	Screw	ネ ジ	2
8	79-5210-0	Plate spring	前ベেসカバー板バネ	1
9	84-3610-0	Screw	ネ ジ	1
10	21-4340-0	Front plate cover	前ベেসカバー	1
11	84-5210-0	Screw	ネ ジ	1
12	71-3040-0	Hinge pin	ヒンジピン	1
17	84-5660-0	Screw	ネ ジ	5
18	84-3610-0	Screw	ネ ジ	1
19	21-3390-0	Head cover	33本針SM面板	1
20	23-2150-0	Head cover gasket	33本針用面板パッキン	1
21	81-1330-0	Puller connecting shaft bushing	プーラー立てシャフトブッシュ	1
22	25-4330-0	Bushing	ブッシュ穴フタ	2
23	81-1780-0	Bushing for retainer bar	糸寄せ棒ブッシュ	3
24	81-7380-0	Looper holder shaft bushing (1433)	33本針用ルーバー台シャフトブッシュ (1433)	3
25	81-1770-0	Bushing for looper taking-off shaft	ルーバー引き出しシャフトブッシュ	1
26	81-1380-0	Bushing for looper driving shaft-large	ルーバー振元シャフトブッシュ大	1
27	75-3720-0	Washer	ワッシャ	1
28	75-1410-1	Looper holder thrust stop collar	ルーバー台スラスト止めカラー	1
29	84-1130-0	Screw	ネ ジ	2
30	19-4020-2	Looper holder	33本針ルーバー元台セット	1
31	71-9110-0	Fixing shaft for looper holder	ルーバー台止めシャフト	1
32	75-3810-0	Washer	ワッシャ	1
33	79-1630-0	Stop holder spring (weaken)	ストップ台マキバネ (強)	1
34	81-1420-0	Bushing for looper holder shaft (small)	DFBルーバー台シャフトブッシュ (小)	1
35	04-1110-0	Looper throw-out actuating	DFBルーバー台引き出し板	1
36	84-4010-0	Screw	ネ ジ	1
37	71-9140-0	Looper throw-out actuating shaft	ルーバー引き出しシャフト	1
38	31-2050-0	Oil reservoir	オイルタンク	1
39	39-2160-0	Oil gauge E	オイルゲージE	1
40	23-3040-0	Gasket	オイルタンクドレンミール	1
41	87-3110-0	Screw	ブッシュ蓋小	1

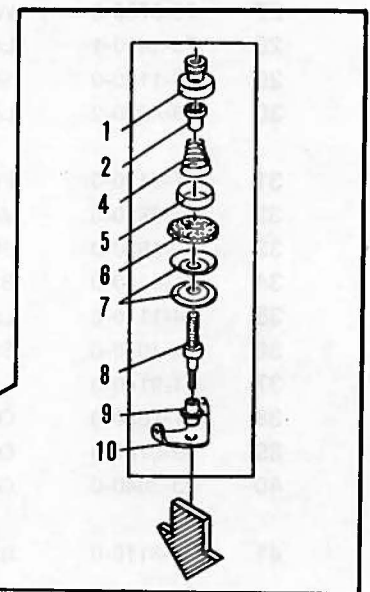


# 14. Thread eyelet components (糸道機構) 1433P, 1425P

40-0330-0

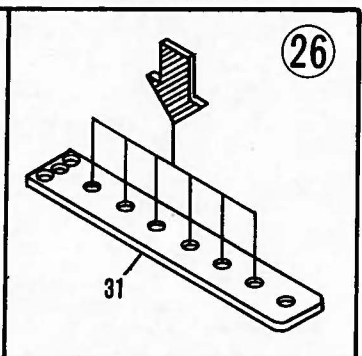
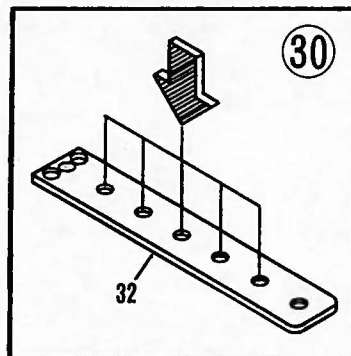
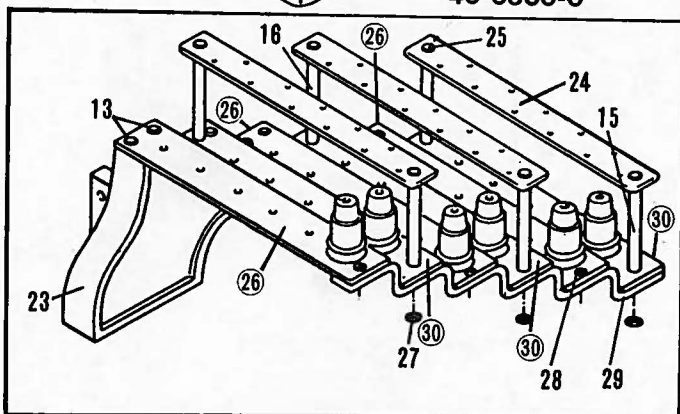


40-0360-0



40-4050-0

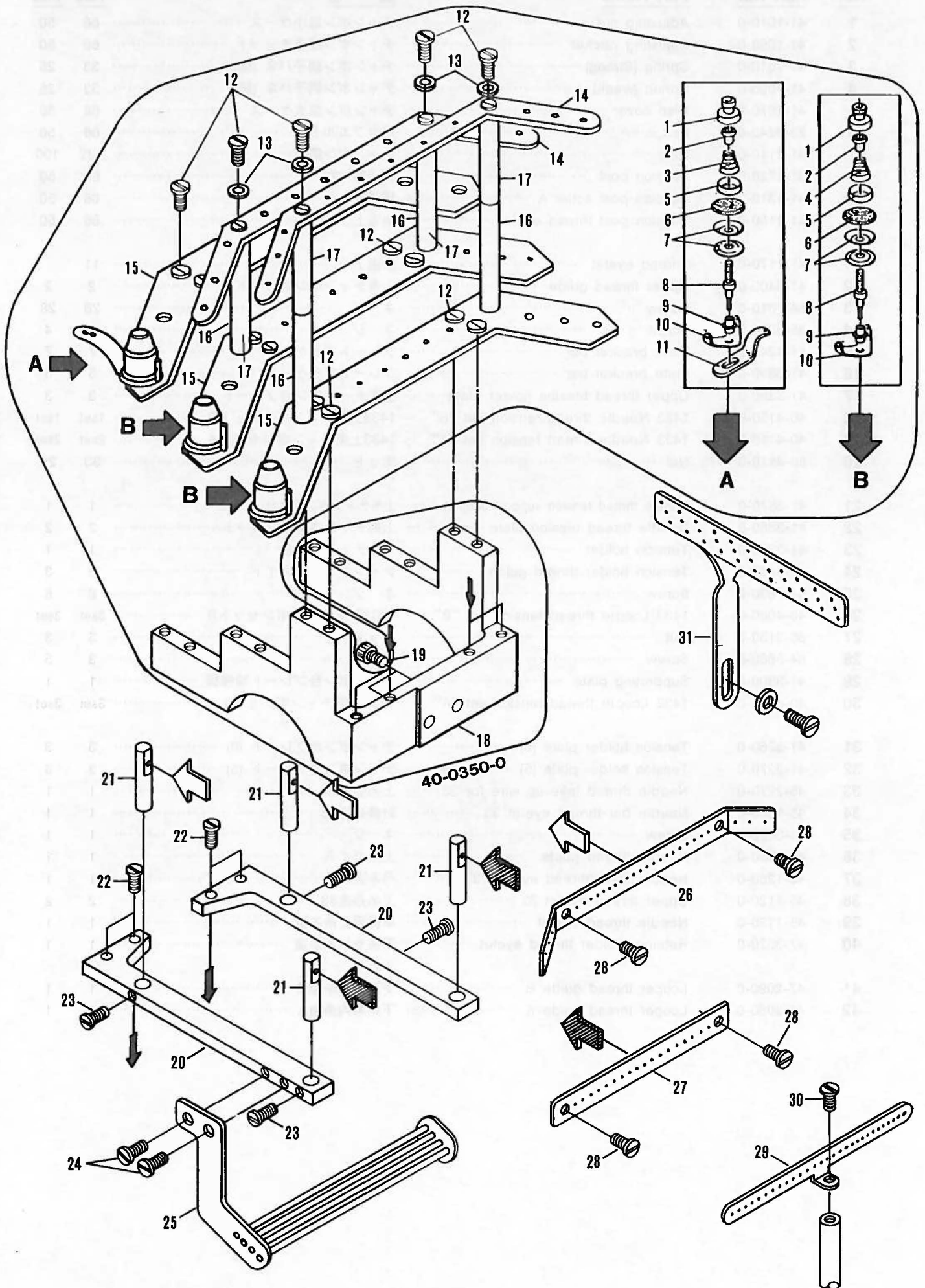
40-4060-0





No.	Part No.	Part Name	品 名	1433	1425
1	41-1010-0	Adjusting nut	チャンボン皿小ケース	66	50
2	41-1050-0	Adjusting ratchet	チャンボン皿ラチェット	66	50
3	41-7010-0	Spring (Strong)	チャンボン調子バネ (強)	33	25
4	41-7020-0	Spring (weak)	チャンボン調子バネ (弱)	33	25
5	41-1070-0	Disc cover	チャンボン皿大ケース	66	50
6	23-3240-0	Felt	取付フェルト	66	50
7	41-1110-0	Disc	チャンボン皿	132	100
8	41-1720-0	Tension post	調子棒 (中)	66	50
9	41-1310-0	Tension post collar A	調子棒カラーA	66	50
10	41-1150-0	Tension post thread eyelet	糸道上	66	50
11	41-1170-0	Thread eyelet	糸道下	11	
12	41-3400-0	Upper thread guide	上糸チャンボン糸ガイド	2	2
13	84-7610-0	Screw	ネジ	28	28
14	85-6270-0	Screw	ネジ	4	4
15	41-4240-2	Plate bracket bar	プレートブラケットバー	7	7
16	41-3390-0	Plate bracket bar	プレートブラケットバー	5	5
17	41-3380-0	Upper thread tension holder plate	上糸チャンボン台プレート	3	3
18	40-4150-0	1433 Needle thread tension set "B"	1433上糸チャンボンセットB	1set	1set
19	40-4110-0	1433 Needle thread tension set "A"	1433上糸チャンボンセットA	2set	2set
20	86-4110-0	Nut	ナット	33	25
21	41-3370-0	Needle thread tension support bracket	上糸チャンボン取付台	1	1
22	41-3360-0	Needle thread tension plate	上糸チャンボン台プレート	2	2
23	41-3290-0	Tension holder	下糸チャンボン台	1	1
24	41-3280-0	Tension holder thread guide	チャンボン台糸ガイド	3	3
25	84-7630-0	Screw	ネジ	6	6
26	40-4060-0	1433 Looper thread tension set "B"	1433下糸チャンボンセットB	3set	3set
27	86-3130-0	Nut	ナット	3	3
28	84-5660-0	Screw	ネジ	3	3
29	41-3300-0	Supporting plate	チャンボン台プレート補強板	1	1
30	40-4050-0	1433 Looper thread tension set "A"	1433下糸チャンボンセットA	3set	3set
31	41-3260-0	Tension holder plate (6)	チャンボン台プレート (6)	3	3
32	41-3270-0	Tension holder plate (5)	チャンボン台プレート (5)	3	3
33	45-2270-0	Needle thread take-up wire for 33	上糸受けG	1	1
34	45-1380-0	Needle bar thread eyelet 33	針棒糸道33	1	1
35	84-3620-0	Screw	ネジ	1	1
36	45-1650-0	Needle thread guide	上糸ガイド	1	1
37	45-1280-0	Needle lever thread eyelet 33	弓糸道33	1	1
38	45-1120-0	Upper thread eyelet 33	上糸糸道33	2	2
39	45-1130-0	Needle thread eyelet	単環用上糸糸道	1	1
40	47-3320-0	Retainer holder thread eyelet	下糸サバキ糸道	1	1
41	47-2090-0	Looper thread guide B	下糸案内糸道B	1	1
42	47-2080-0	Looper thread guide A	下糸案内糸道A	1	1

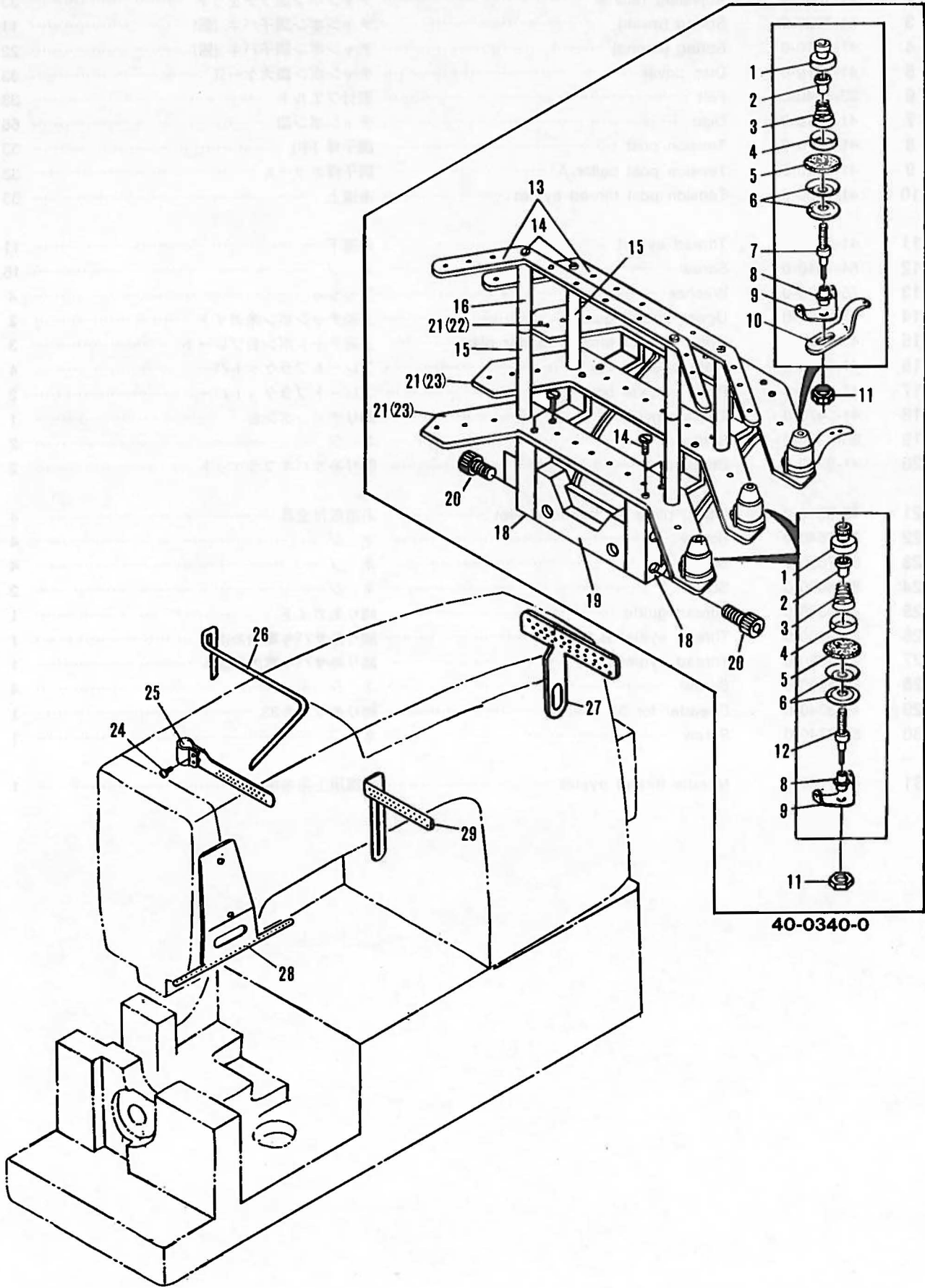
# 15. Thread eyelet components (上飾り糸道機構) 1433PSM





No.	Part No.	Part Name	品 名	Q,ty
1	41-1010-0	Adjusting nut	チャンボン皿小ケース	33
2	41-1050-0	Adjusting ratchet	チャンボン皿ラチェット	33
3	41-7020-0	Spring (weak)	チャンボン調子バネ (弱)	11
4	41-7010-0	Spring (strong)	チャンボン調子バネ (強)	22
5	41-1070-0	Disc cover	チャンボン皿大ケース	33
6	23-3240-0	Felt	取付フェルト	33
7	41-1110-0	Disc	チャンボン皿	66
8	41-1720-0	Tension post	調子棒 (中)	33
9	41-1310-0	Tension post collar A	調子棒カラーA	33
10	41-1150-0	Tension post thread eyelet	糸道上	33
11	41-1170-0	Thread eyelet	糸道下	11
12	84-7610-0	Screw	ネ ジ	16
13	75-4580-0	Washer	ワッシャ	4
14	41-3400-0	Upper thread guide	上糸チャンボン糸ガイド	2
15	41-3380-0	Upper thread tension holder plate	上糸チャンボン台プレート	3
16	41-4240-2	Plate bracket bar	プレートブラケットバー	4
17	41-3390-0	Plate bracket bar	プレートブラケットバー	2
18	41-3470-0	Tension holder	飾りチャンボン台	1
19	85-6270-0	Screw	ネ ジ	2
20	41-3460-0	Bracket	飾り糸サバキブラケット	2
21	45-3310-0	Fitting plate for thread eyelet	糸道取付金具	4
22	84-7640-0	Screw	ネ ジ	4
23	84-7620-0	Screw	ネ ジ	4
24	84-5660-0	Screw	ネ ジ	2
25	45-3350-0	Thread guide	飾り糸ガイド	1
26	45-3330-0	Thread eyelet B	飾り糸サバキ案内糸道B	1
27	45-3320-0	Thread eyelet A	飾り糸サバキ案内糸道A	1
28	84-3630-0	Screw	ネ ジ	4
29	45-3340-0	Spreader for 33 needle	飾り糸サバキ33	1
30	84-3740-0	Screw	ネ ジ	1
31	45-1130-0	Needle thread eyelet	単環用上糸糸道	1

# 16. Thread eyelet components (糸道機構) 1033P, 1025P

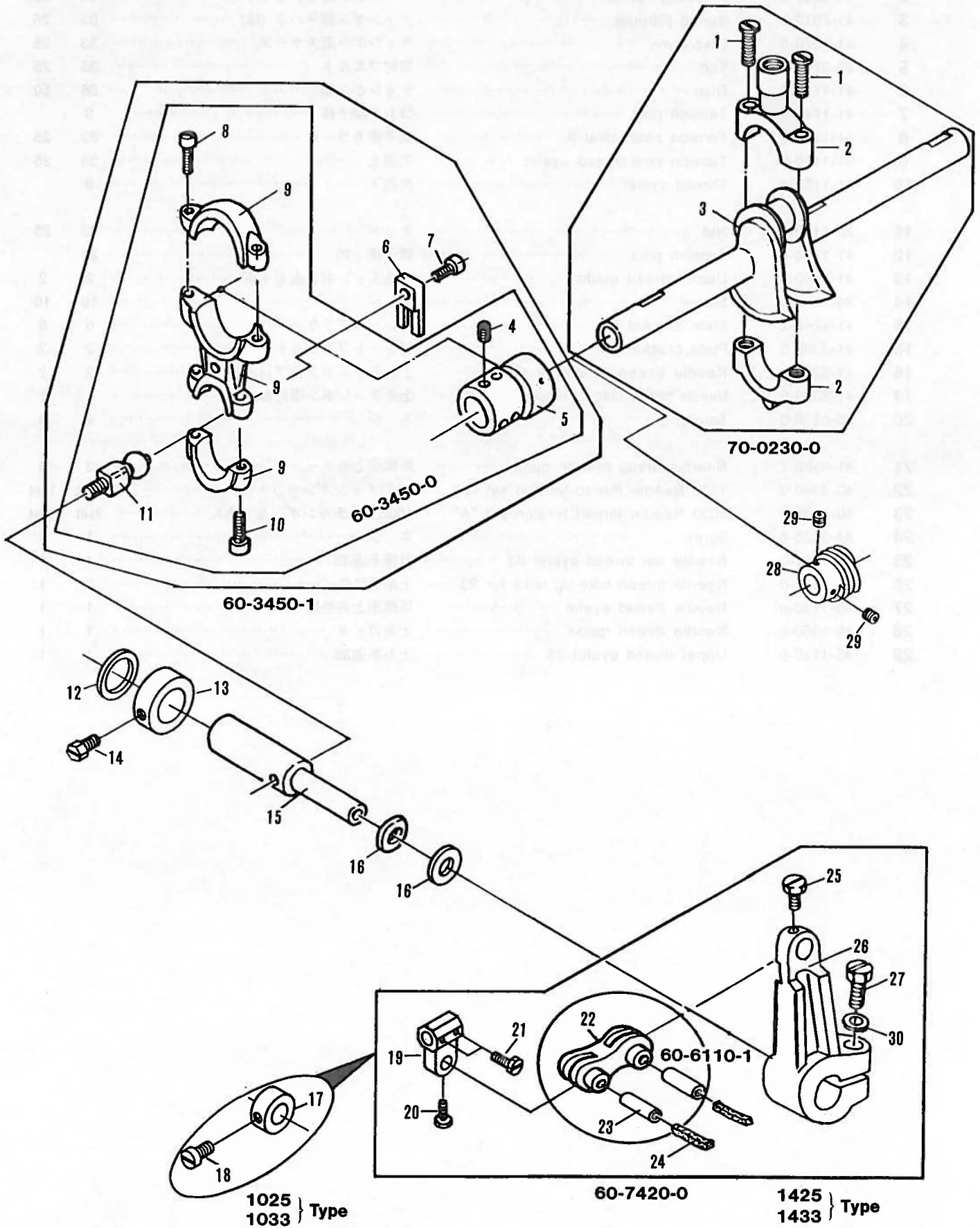




No.	Part No.	Part Name	品 名	1033	1025
1	41-1010-0	Adjusting nut	チャンボン皿小ケース	33	25
2	41-1050-0	Adjusting ratchet	チャンボン皿ラチェット	33	25
3	41-7010-0	Spring (Strong)	チャンボン調子バネ (強)	33	25
4	41-1070-0	Disc cover	チャンボン皿大ケース	33	25
5	23-3240-0	Felt	取付フエルト	33	25
6	41-1110-0	Disc	チャンボン皿	66	50
7	41-1740-0	Tension post	ゴム糸調子棒	9	
8	41-1310-0	Tension post collar A	調子棒カラーA	33	25
9	41-1150-0	Tension post thread eyelet	糸道上	33	25
10	41-1170-0	Thread eyelet	糸道下	9	
11	86-4110-0	Nut	ナット	33	25
12	41-1720-0	Tension post	調子棒 (中)	24	
13	41-3400-0	Upper thread guide	上糸チャンボン糸ガイド	2	2
14	84-7610-0	Screw	ネ ジ	16	16
15	41-4240-2	Plate bracket bar	プレートブラケットバー	6	6
16	41-3390-0	Plate bracket bar	プレートブラケットバー	2	2
18	41-3360-0	Needle thread tension plate	上糸チャンボン台プレート	2	2
19	41-3370-0	Needle thread tension support bracket	上糸チャンボン取付台	1	1
20	85-6270-0	Screw	ネ ジ	4	4
21	41-3380-1	Needle thread tension plate	単環用上糸チャンボン台プレート	3	3
22	40-4340-0	1033 Needle thread tension set "B"	1033チャンボンセットB	1set	1set
23	40-4330-0	1033 Needle thread tension set "A"	1033上糸チャンボンセットA	2set	2set
24	84-3620-0	Screw	ネ ジ	1	1
25	45-1380-0	Needle bar thread eyelet 33	針棒糸道33	1	1
26	45-2270-0	Needle thread take-up wive for 33	上糸受けG	1	1
27	45-1130-0	Needle thread eyelet	単環用上糸糸道	1	1
28	45-1650-0	Needle thread guide	上糸ガイド	1	1
29	45-1120-0	Upper thread eyelet 33	上糸糸道33	1	1



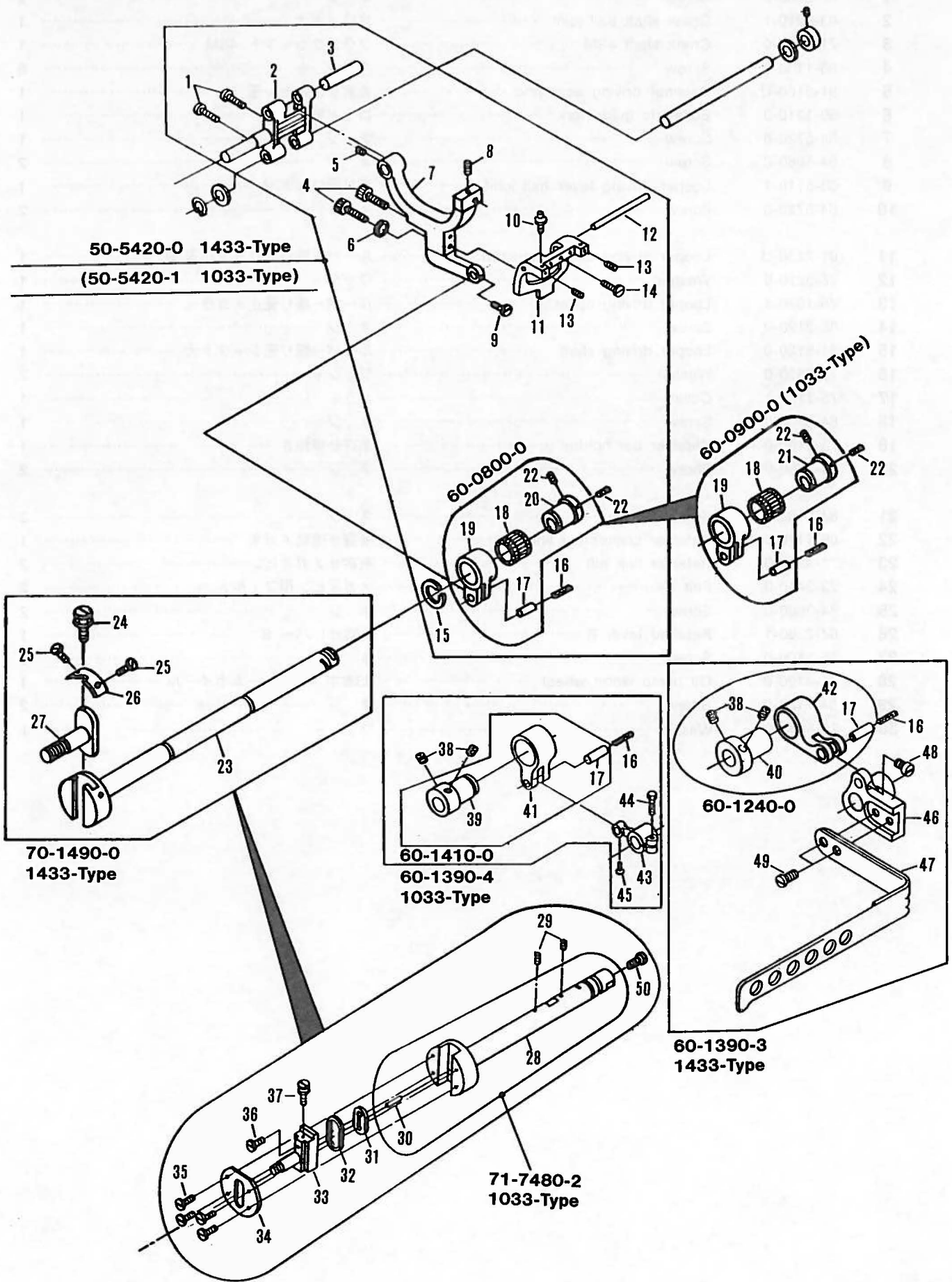
# 17. Needle lever crank (弓、クランク機構)





No.	Part No.	Part Name	品名	Q.ty
1	84-5680-0	Screw	ネジ	2
2	63-6210-1	Crank shaft ball joint	立ロッド大	1
3	71-8450-0	Crank shaft 4SM	クランクシャフト 4SM	1
4	85-1130-0	Screw	ネジ	6
5	61-5160-U	Retainer driving eccentric	糸寄せエキセン玉	1
6	69-1210-0	Eccentric guide fork	ロッド振れ止め	1
7	84-5720-0	Screw	ネジ	1
8	84-5680-0	Screw	ネジ	2
9	63-5110-1	Looper driving lever ball joint	振り元ロッド A	1
10	84-5720-0	Screw	ネジ	2
11	61-7130-U	Looper driving connecting rod	ルーバー振り元ロッド小玉 B	1
12	75-3220-0	Washer	ワッシャ	1
13	75-1070-1	Looper driving collar	ルーバー振り元止メカラー	1
14	85-2120-0	Screw	ネジ	1
15	71-6120-0	Looper driving shaft	ルーバー振り元シャフト大	1
16	75-3320-0	Washer	ワッシャ	2
17	75-1120-1	Collar	カラー	1
18	84-5630-0	Screw	ネジ	1
19	73-1160-0	Retainer bar holder	糸寄せ棒抱き	1
20	84-3660-0	Screw	ネジ	2
21	84-6160-0	Screw	ネジ	2
22	66-1110-0	Retainer connecting link	糸寄せ連結メガネ	1
23	71-4320-0	Retainer link pin	糸寄せメガネピン	2
24	23-3410-0	Felt	メガネピン用フェルト	2
25	84-3660-0	Screw	ネジ	2
26	67-2360-1	Retainer lever B	糸寄せレバー B	1
27	85-2100-0	Screw	ネジ	1
28	31-4120-0	Oil pump worm wheel	33本ポンプウォームホイール	1
29	84-7180-0	Screw	ネジ	2
30	75-5340-0	Washer	ワッシャ	1

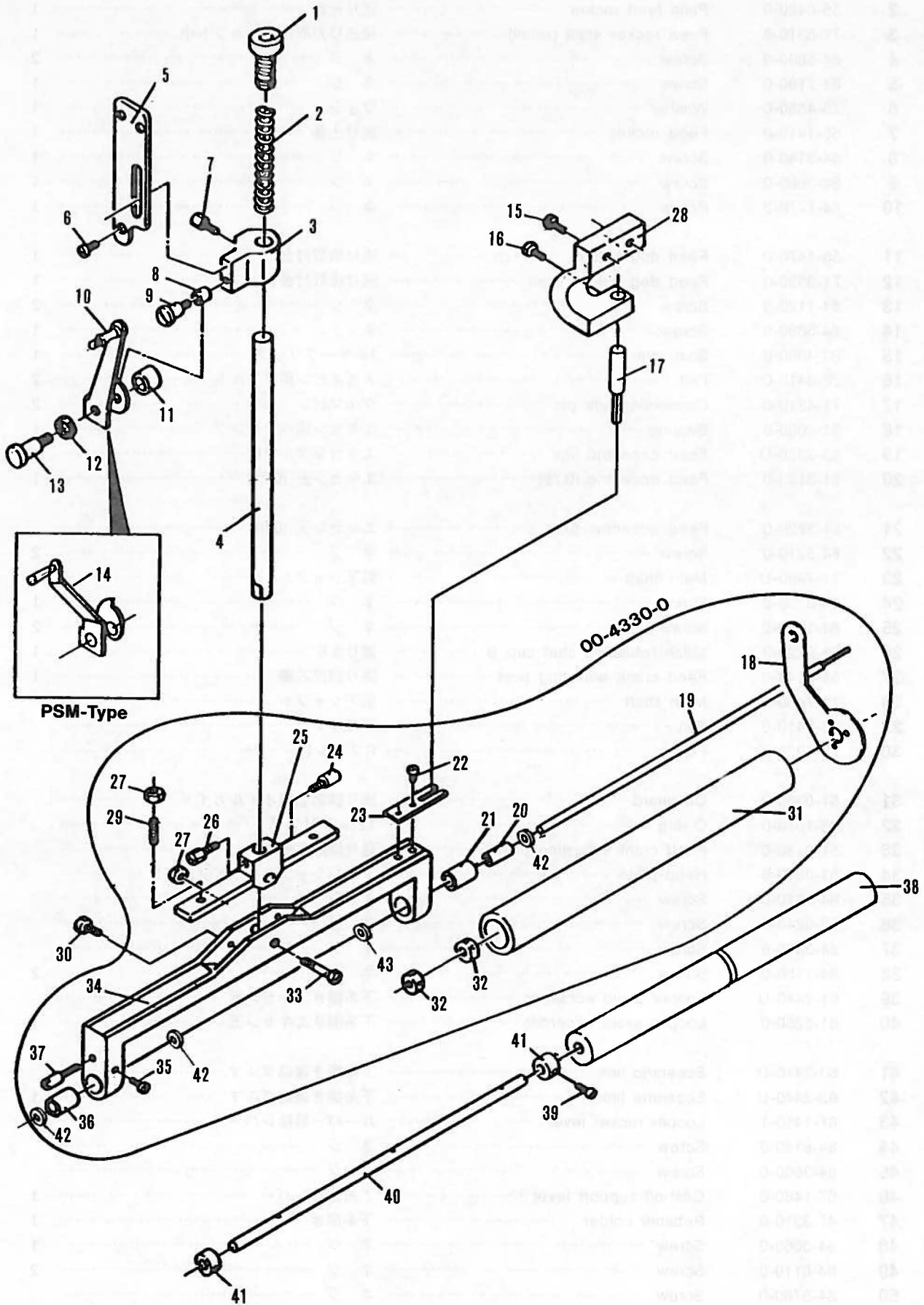
# 18. Feed rocker (送り台機構)





No.	Part No.	Part Name	品 名	1433	1033
1	84-5210-0	Screw	ネ ジ	2	2
2	55-0420-0	Plain feed rocker	送り元台	1	1
3	71-5310-0	Feed rocker shaft (small)	後送り刃取付台シャフト小	1	1
4	84-5690-0	Screw	ネ ジ	2	2
5	84-7180-0	Screw	ネ ジ	1	1
6	75-4550-0	Washer	ワッシャ	1	1
7	55-1410-0	Feed rocker	送り土台	1	1
8	84-3140-0	Screw	ネ ジ	1	1
9	84-3660-0	Screw	ネ ジ	1	1
10	84-1770-0	Screw	ネ ジ	1	1
11	55-1470-0	Feed dog holder	送り歯取付台	1	1
12	71-3520-0	Feed dog holder shaft	送り歯取付台シャフト	1	1
13	84-1120-0	Screw	ネ ジ	2	2
14	84-5880-0	Screw	ネ ジ	1	1
15	93-4060-0	Snap rink	18-サークリップ	1	1
16	23-3410-0	Felt	メガネピン用フェルト	2	2
17	71-4310-0	Connecting link pin	ダルマピン	2	2
18	91-4060-0	Bearing	エキセン用ベアリング	1	1
19	63-2320-U	Feed eccentric link	エキセンダルマB	1	1
20	61-3120-0	Feed eccentric (0.79)	エキセン玉 (0.79)	1	
21	61-3220-0	Feed eccentric (0.9)	エキセン玉 (0.9)		1
22	84-5210-0	Screw	ネ ジ	2	2
23	71-7490-U	Main shaft	前下シャフト	1	
24	84-3750-0	Screw	ネ ジ	1	
25	84-1620-0	Screw	ネ ジ	2	
26	51-0220-0	Stitch refulating stud cup B	渡り金B	1	
27	51-0140-0	Feed crank adjusting post	送り調節芯棒	1	
28	71-7480-0	Main shaft	前下シャフト		1
29	23-3410-0	Felt	フェルト		1
30	23-3930-0	Felt	Rフェルト		1
31	51-0360-0	Oil guard	送り調節芯棒オイルガイド		1
32	23-1970-0	O-ring	12.5-O-リング		1
33	51-0130-0	Feed crank adjusting post	送り調節芯棒C		1
34	51-0310-0	Head plate	メインシャフトヘッドプレート		1
35	84-6610-0	Screw	ネ ジ		4
36	85-6240-0	Screw	ネ ジ		1
37	84-3870-0	Screw	ネ ジ		1
38	84-7150-0	Screw	ネ ジ	2	2
39	61-2440-U	Looper avoid eccentric	下糸捌きエキセン王		1
40	61-3250-0	Looper avoid eccentric	下糸捌きエキセン王	1	
41	63-2410-U	Eccentric link	下糸捌き連結ダルマ		1
42	63-2440-U	Eccentric link	下糸捌き連結ダルマ	1	
43	67-1410-1	Looper rocker lever	ルーバー前後レバー		1
44	84-8140-0	Screw	ネ ジ		1
45	84-3660-0	Screw	ネ ジ		1
46	67-1480-0	Cast-off support lever	下糸捌きレバー	1	
47	47-3310-0	Retainer holder	下糸捌き	1	
48	84-3660-0	Screw	ネ ジ	1	
49	84-6110-0	Screw	ネ ジ	2	
50	84-5760-0	Screw	ネ ジ		1

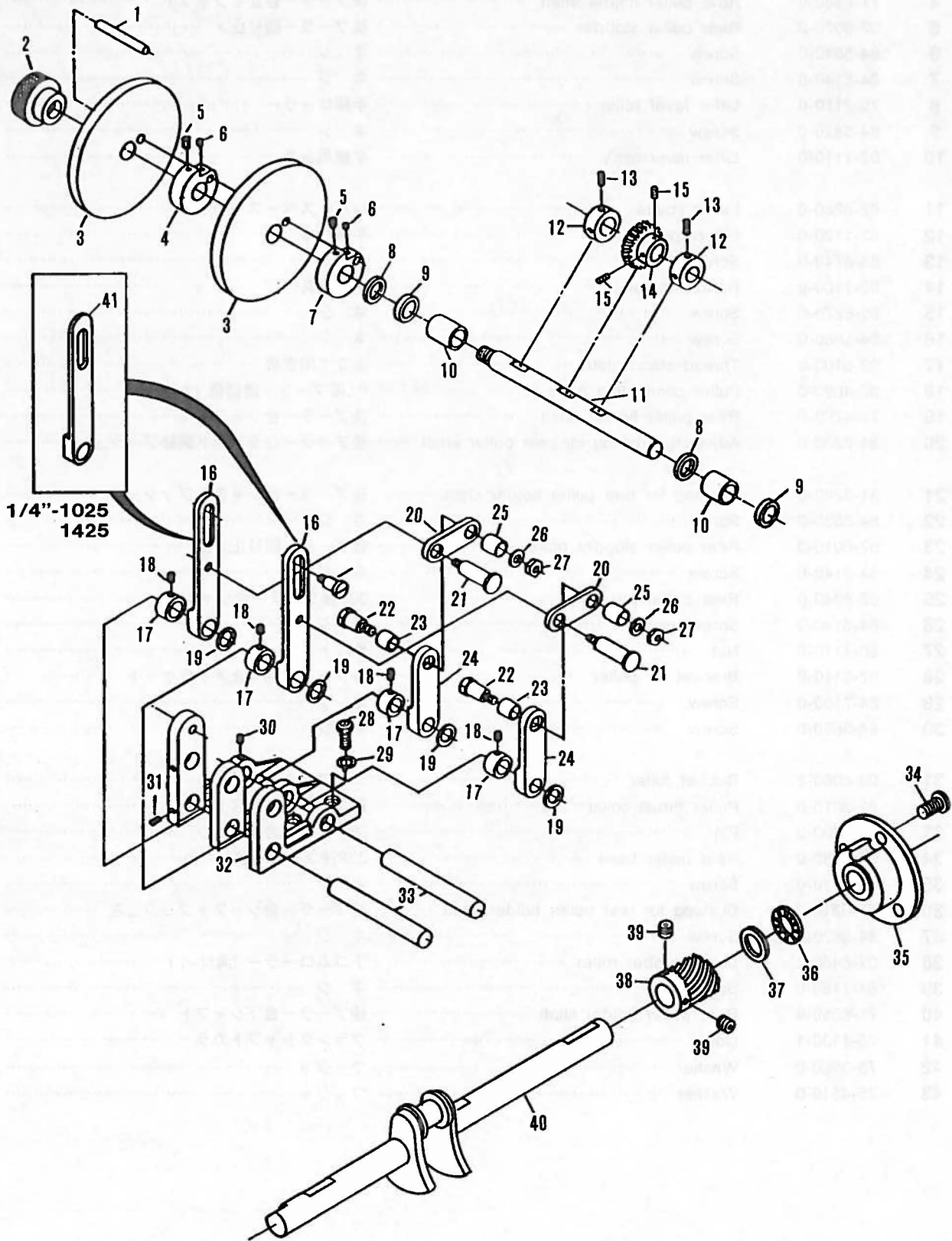
# 19. Puller (プーラー機構)





No.	Part No.	Part Name	品 名	Q,ty
1	87-7510-0	Screw	ネ ジ	1
2	79-1260-0	Puller spring	プーラー巻きバネ	1
3	02-6020-0	Clamp for puller shaft	プーラーシャフトクランプ	1
4	71-6380-0	Rear puller holder shaft	後プーラー台立てシャフト	1
5	02-6070-0	Rear puller stopper	後プーラー回り止め	1
6	84-5640-0	Screw	ネ ジ	3
7	84-8140-0	Screw	ネ ジ	1
8	75-2110-0	Lifter lever roller	手揚ローラー	1
9	84-5820-0	Screw	ネ ジ	1
10	02-1110-0	Lifter lever ass'y	手揚用金具	1
11	02-6080-0	Lever space	レバースペース	1
12	02-1120-0	Lifter spring	手揚バネ	1
13	85-6740-0	Screw	ネ ジ	1
14	02-1100-0	Handle metal	手揚金具	1
15	85-6270-0	Screw	ネ ジ	2
16	84-5660-0	Screw	ネ ジ	1
17	02-6100-0	Thread stand plate	糸立て用立板	1
18	02-4690-0	Puller connecting plate	PL後プーラー連結板 (大)	1
19	71-4760-0	Rear puller holder shaft	後プーラー台シャフト	1
20	81-3230-0	Adjusting bushing for rear puller shaft	後プーラー台シャフト調節ブッシュ	1
21	81-3240-0	Bushing for rear puller holder shaft	後プーラー台シャフトブッシュ右	1
22	84-5630-0	Screw	ネ ジ	2
23	02-6010-0	Rear puller stopper plate	後プーラー回り止め板	1
24	84-8140-0	Screw	ネ ジ	1
25	02-6040-0	Rear puller base sink	33P後プーラー台シャンク	1
26	84-8140-0	Screw	ネ ジ	1
27	86-4110-0	Nut	ナット	3
28	02-6110-0	Bracket for puller	後プーラー回り止めブラケット	1
29	84-7130-0	Screw	ネ ジ	2
30	84-3630-0	Screw	ネ ジ	2
31	02-6060-2	Rubber roller	ゴムローラー	1
32	02-2610-0	Puller thrust collar	後プーラーすラスト (小)	2
33	02-6090-0	Pin	後プーラー台止めネジ	1
34	02-6030-0	Rear puller base	33P後プーラー台	1
35	84-5120-0	Screw	ネ ジ	1
36	81-3210-0	Bushing for rear puller holder shaft	後プーラー台シャフトブッシュ左	1
37	84-5620-0	Screw	ネ ジ	1
38	02-6460-2	Lower rubber roller	下ゴムローラー (溝付-小)	1
39	84-7180-0	Screw	ネ ジ	4
40	71-6550-0	Rear puller holder shaft	後プーラー台下シャフト	1
41	75-1130-1	Collar	クランクシャフトカラー	2
42	75-3560-0	Washer	ワッシャ	3
43	75-4510-0	Washer	ワッシャ	1

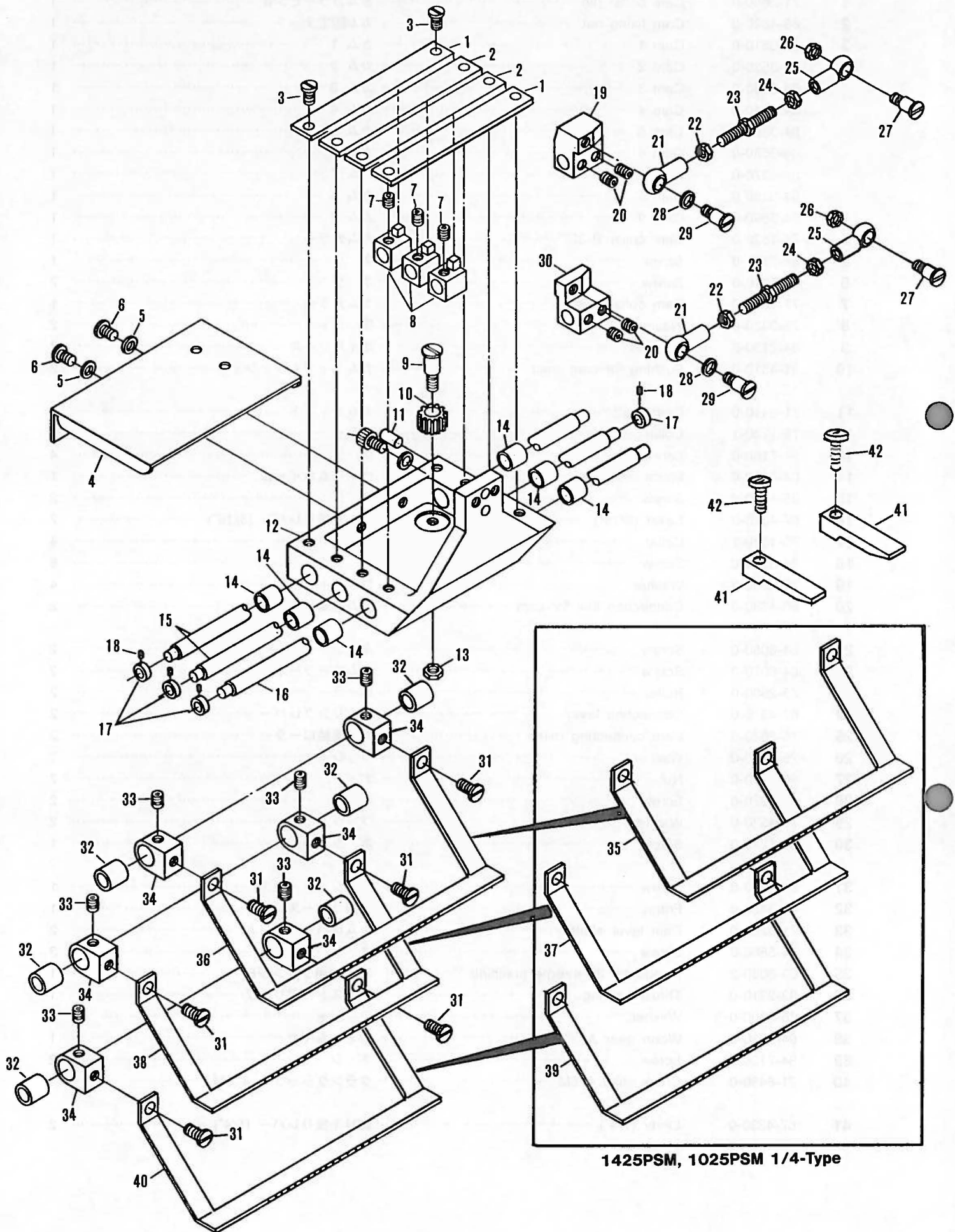
## 20. Spreader mechanism 1. (PSM. 飾り機構)





No.	Part No.	Part Name	品 名	Q, ty
1	71-2660-0	Cam collar pin	カムカラーピンB	1
2	88-4620-0	Cam fixing nut	カム固定ナット	1
3	04-3510-0	Cam 1	カム 1	1
	04-3520-0	Cam 2	カム 2	1
	04-3530-0	Cam 3	カム 3	1
	04-3540-0	Cam 4	カム 4	1
	04-3550-0	Cam 5	カム 5	1
	04-3560-0	Cam 6	カム 6	1
	04-3570-0	Cam 7	カム 7	1
	04-3580-0	Cam 8	カム 8	1
	04-3590-0	Cam 9	カム 9	1
4	75-1820-0	Cam collar B-30	カムカラー	1
5	84-7180-0	Screw	ネジ	1
6	84-5210-0	Screw	ネジ	2
7	75-1810-0	Cam collar A-30	カムカラー	1
8	75-3320-0	Washer	ワッシャ	2
9	94-2130-0	Oil seal	オイルシール	2
10	81-4310-0	Bushing for cam shaft	カムシャフトブッシュ	2
11	71-9410-0	Cam shaft	カムシャフト	1
12	75-1130-1	Collar	カラー	2
13	84-7180-0	Screw	ネジ	4
14	04-3320-0	Worm wheel A	ウォームホイール	1
15	85-1130-0	Screw	ネジ	2
16	67-4320-0	Lever (3/16")	飾り糸振りレバー (3/16")	2
17	75-1520-1	Collar	シャフトカラー	4
18	84-5210-0	Screw	ネジ	8
19	75-4330-0	Washer	ワッシャ	4
20	66-4330-0	Connecting link for cam	カム連結リンク	2
21	84-6050-0	Screw	ネジ	2
22	84-6070-0	Screw	カムローラーネジ	2
23	75-2600-0	Roller	ローラー	2
24	67-4310-0	Connecting lever	カムリングレバー	2
25	75-2570-0	Cam connecting roller	カム連結ローラー	2
26	75-3890-0	Washer	ワッシャ	2
27	86-3110-0	Nut	ナット	2
28	85-6270-0	Screw	ネジ	2
29	75-4520-0	Washer	ワッシャ	2
30	84-5210-0	Screw	ネジ	1
31	84-5210-0	Screw	ネジ	1
32	04-3420-0	Frame	糸振りベース	1
33	71-5290-0	Cam lever shaft	カムレバーシャフト	2
34	84-5660-0	Screw	ネジ	3
35	69-3080-2	Flange for 33 needle machine	33本針用フレンジE	1
36	92-2310-0	Thrust bearing	スラストベアリング	1
37	75-3300-0	Washer	ワッシャ	1
38	04-3310-0	Worm gear A	ウォームギヤー	1
39	84-7120-0	Screw	ネジ	2
40	71-8450-0	Crank shaft 4 SM	クランクシャフト 4 SM	1
41	67-4330-0	Lever (1/4")	飾り糸振りレバー (1/4")	2

## 21. Spreader mechanism 2. (PSM. 飾り機構)





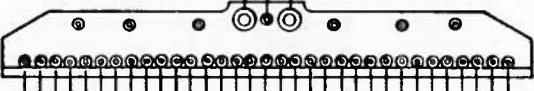
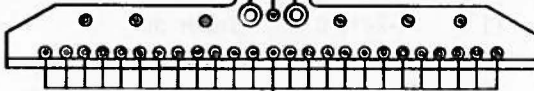
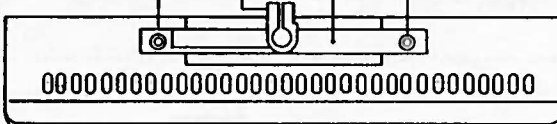
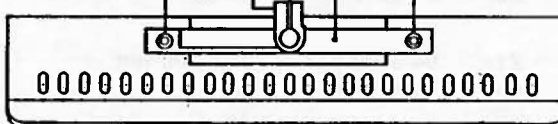
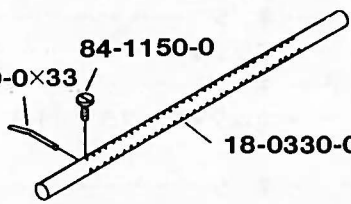
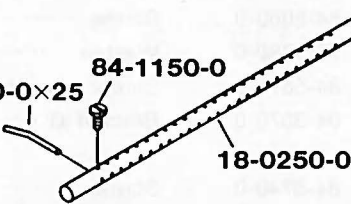


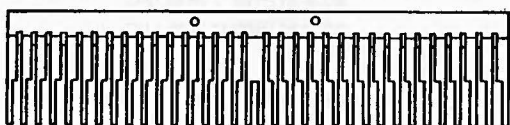
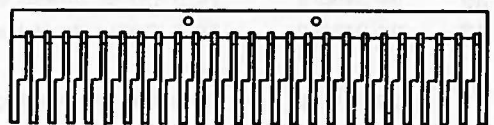
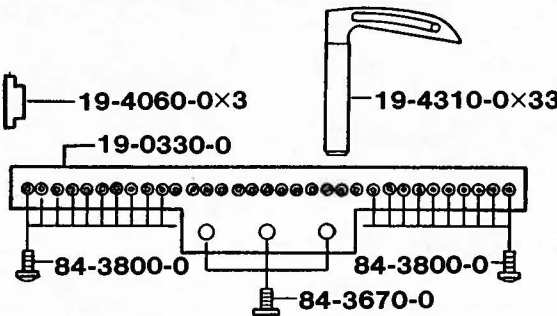
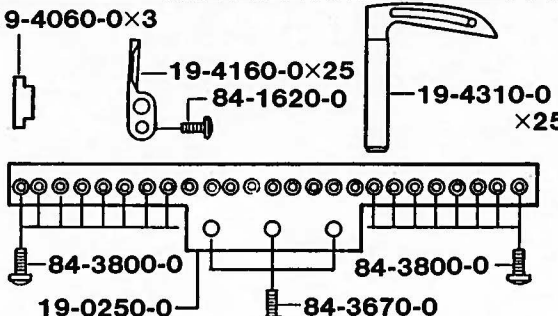


1425PSM, 1025PSM 1/4-Type



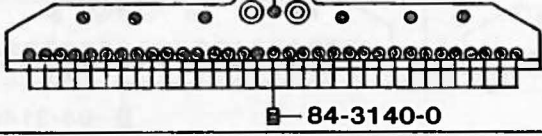
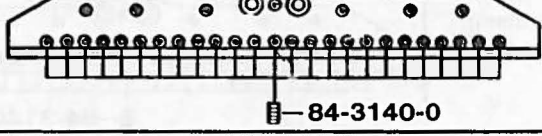
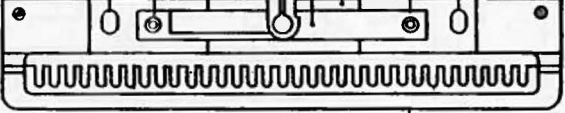
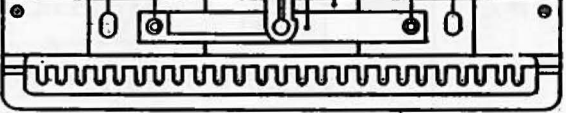
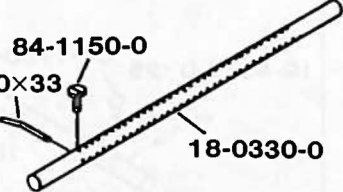
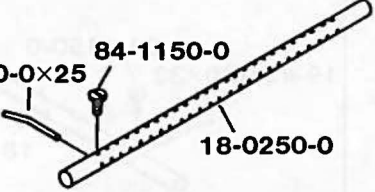

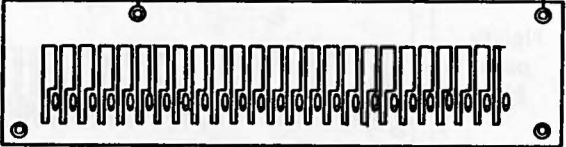
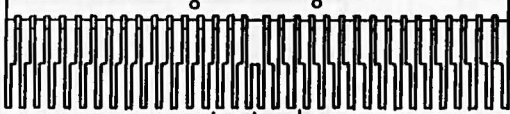
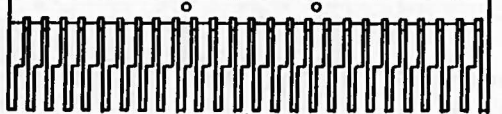
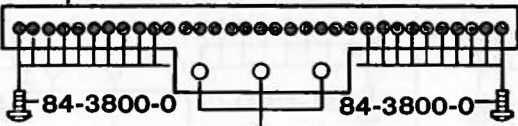
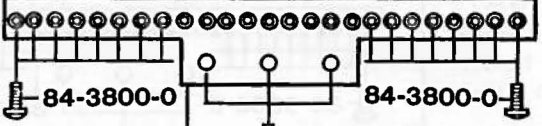


No.	Part No.	Part Name	品名	Q,ty
1	04-3380-0	Plate stopper A	回り止メプレートA	2
2	04-3390-0	Plate stopper	回り止メプレート	2
3	84-3630-0	Screw	ネジ	8
4	21-4860-0	Housing cover	ハウジングカバー	1
5	75-4530-0	Washer	ワッシャ	2
6	84-5660-0	Screw	ネジ	2
7	84-5210-0	Screw	ネジ	3
8	04-3400-0	Bracket stopper	飾り軸回り止メ	3
9	84-6040-0	Screw	ネジ	1
10	04-3330-0	Pinion	ピニオン	1
11	71-2410-0	Taper pin	テーパピン	2
12	04-3410-0	Housing	飾り糸振りハウジング	1
13	86-3110-0	Nut	ナット	1
14	81-1580-0	Bushing	ブッシュ	6
15	04-3340-0	Ruck shaft	ラックシャフト	2
16	04-3350-0	Ruck shaft	飾り軸	1
17	75-0970-0	Collar	カラー	4
18	84-3610-0	Screw	ネジ	4
19	04-3360-0	Bracket A	カムシャフトブラケットA	1
20	84-5210-0	Screw	ネジ	4
21	04-3490-0	Ball joint left	ロッドエンド (左)	2
22	88-1580-0	Nut	ナット (左)	2
23	65-3410-0	Connecting bar for smocking machine	スモッキング連結棒	2
24	88-1570-0	Nut	ナット	2
25	04-3480-0	Ball joint right	ロッドエンド (右)	2
26	86-3110-0	Nut	ナット	2
27	84-6060-0	Screw	ネジ	2
28	75-3880-0	Washer	ワッシャ	2
29	84-5870-0	Screw	ネジ	2
30	04-3370-0	Bracket B	カムシャフトブラケットB	1
31	84-5740-0	Screw	ネジ	6
32	75-2560-0	Retainer looper roller	飾り糸捌きローラー	6
33	84-5210-0	Screw	ネジ	6
34	04-3460-0	Spreader connecting plate	飾り糸振り取付金具	6
35	04-3430-2	1425 Cover thread eyelet A	25本針用飾り糸振りA	1
36	04-3430-3	1433 Cover thread eyelet A	33本針用飾り糸振りA	1
37	04-3440-2	1425 Cover thread eyelet B	25本針用飾り糸振りB	1
38	04-3440-3	1433 Cover thread eyelet B	33本針用飾り糸振りB	1
39	04-3450-2	1425 Cover thread eyelet C	25本針用飾り糸振りC	1
40	04-3450-3	1433 Cover thread eyelet C	33本針用飾り糸振りC	1
41	04-3300-0	Spreader connecting guide	飾り糸振りガイド	2
42	84-5660-0	Screw	ネジ	2




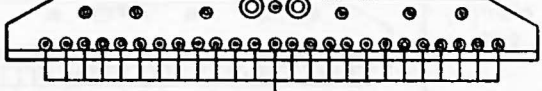
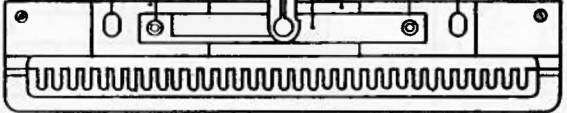
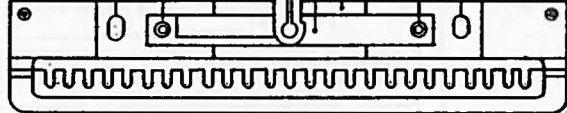
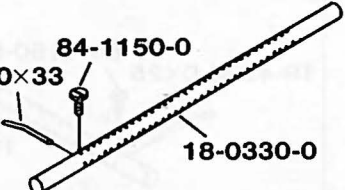
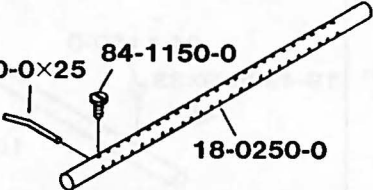

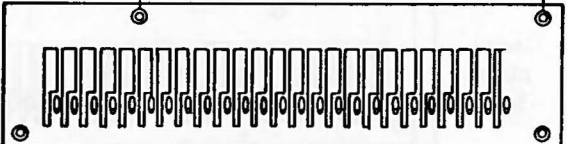
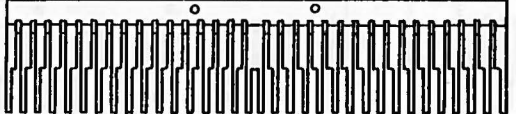
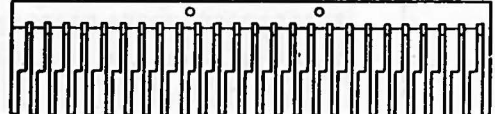
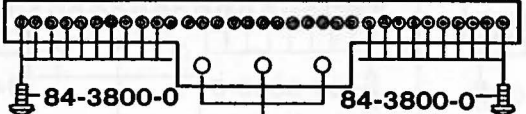
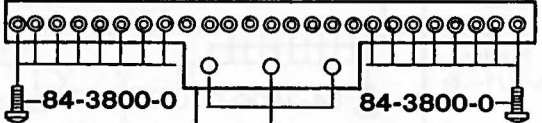
## 22. Gauge parts (ゲージ関係)

	1433P 3/16"	1425P 1/4"
Needle 針 Needle bar 針棒	11-4030-0  13-1140-6 UOX-113 #14 	11-4030-0  13-1140-6 UOX-113 #14 
Needle clamp 針株	12-0330-1 84-5130-0 84-5720-0  84-3140-0	12-0250-1 84-5130-0 84-5720-0  84-3140-0
Presser foot 押え	17-0330-1 17-5700-C 86-4110-0 71-3330-0 84-7130-0  17-0330-A 86-4110-0 84-7130-0 17-0330-B	17-0250-1 17-5700-C 86-4110-0 71-3330-0 84-7130-0  17-0330-A 86-4110-0 84-7130-0 17-0250-B
Retainer loop 糸寄せルーバー Retainer holder 糸寄せ棒	84-1150-0 19-4370-0×33  18-0330-0	84-1150-0 19-4370-0×25  18-0250-0
Needle plate 針板	84-4640-0  14-0330-0	84-4640-0  14-0250-0
Feed dog 送り歯	 15-0330-0 84-5880-0	 15-0250-0 84-5880-0
Looper ルーバー Needle guard 針当て Looper holder ルーバー台	19-4060-0×3 19-0330-0  84-3800-0 84-3670-0	19-4060-0×3 19-4160-0×25 84-1620-0 19-4310-0×25  84-3800-0 84-3670-0





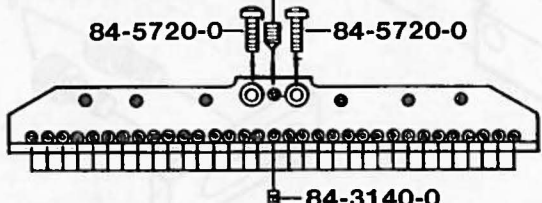
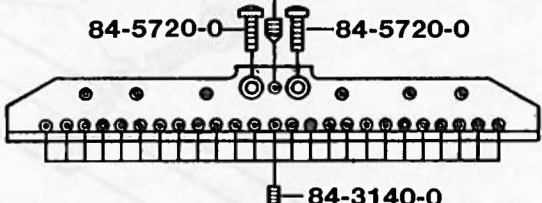
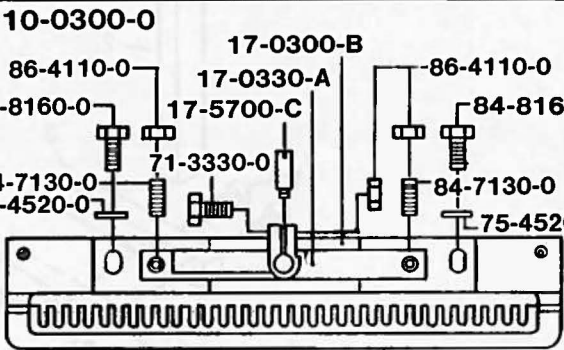
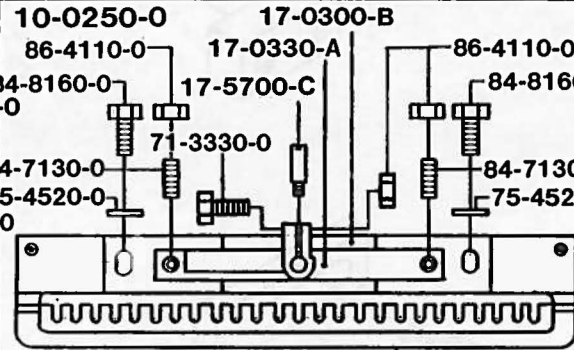
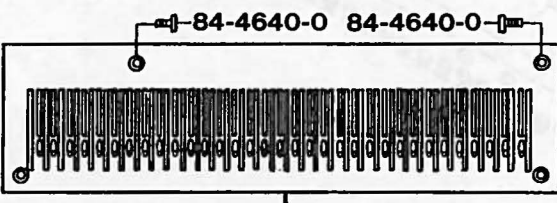
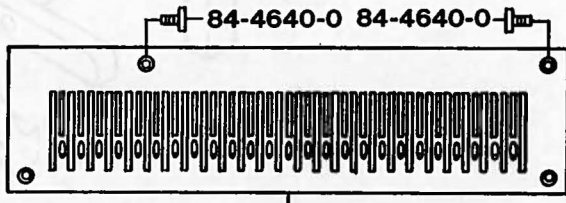
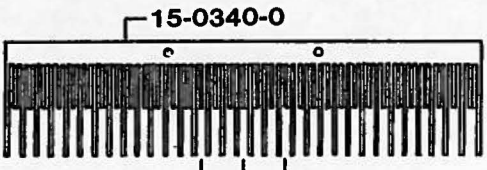
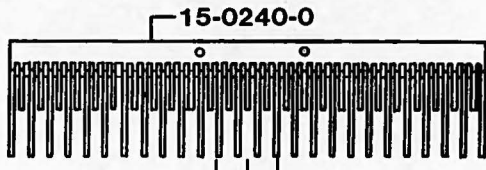

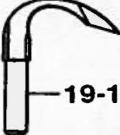
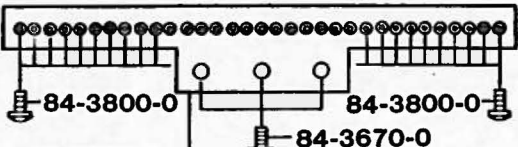

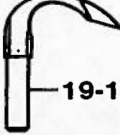
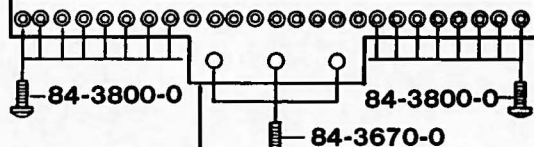


	1433PS 3/16"	1425PS 1/4"
Needle 針 Needle bar 針棒	11-4030-0 	13-1140-6 UOX-113 # 14 
Needle clamp 針株	12-0330-1 84-5130-0 84-5720-0  84-3140-0	12-0250-1 84-5130-0 84-5720-0  84-3140-0
Presser foot 押え	10-0300-0 86-4110-0 84-8160-0 84-7130-0 75-4520-0 17-0300-B 17-0330-A 17-5700-C 71-3330-0 84-7130-0 75-4520-0  2mm 4mm Frat 17-0360-2 17-0370-4 17-0380-0	10-0250-0 86-4110-0 84-8160-0 84-7130-0 75-4520-0 17-0300-B 17-0330-A 17-5700-C 71-3330-0 84-7130-0 75-4520-0  2mm 4mm Frat 17-0260-2 17-0270-4 17-0280-0
Retainer loop 糸寄せルーパー Retainer holder 糸寄せ棒	84-1150-0 19-4390-0×33 18-0330-0 	84-1150-0 19-4390-0×25 18-0250-0 
Needle plate 針板	84-4640-0 84-4640-0  14-0330-0	84-4640-0 84-4640-0  14-0250-0
Feed dog 送り歯	15-0330-0  84-5880-0	15-0250-0  84-5880-0
Looper ルーパー Needle guard 針当て Looper holder ルーパー台	19-4060-0×3 19-0330-0 19-4310-0×33 84-3800-0 84-3800-0 84-3670-0 	19-4060-0×3 19-4160-0×25 84-1620-0 19-4310-0×25 84-3800-0 84-3800-0 19-0250-0 84-3670-0 

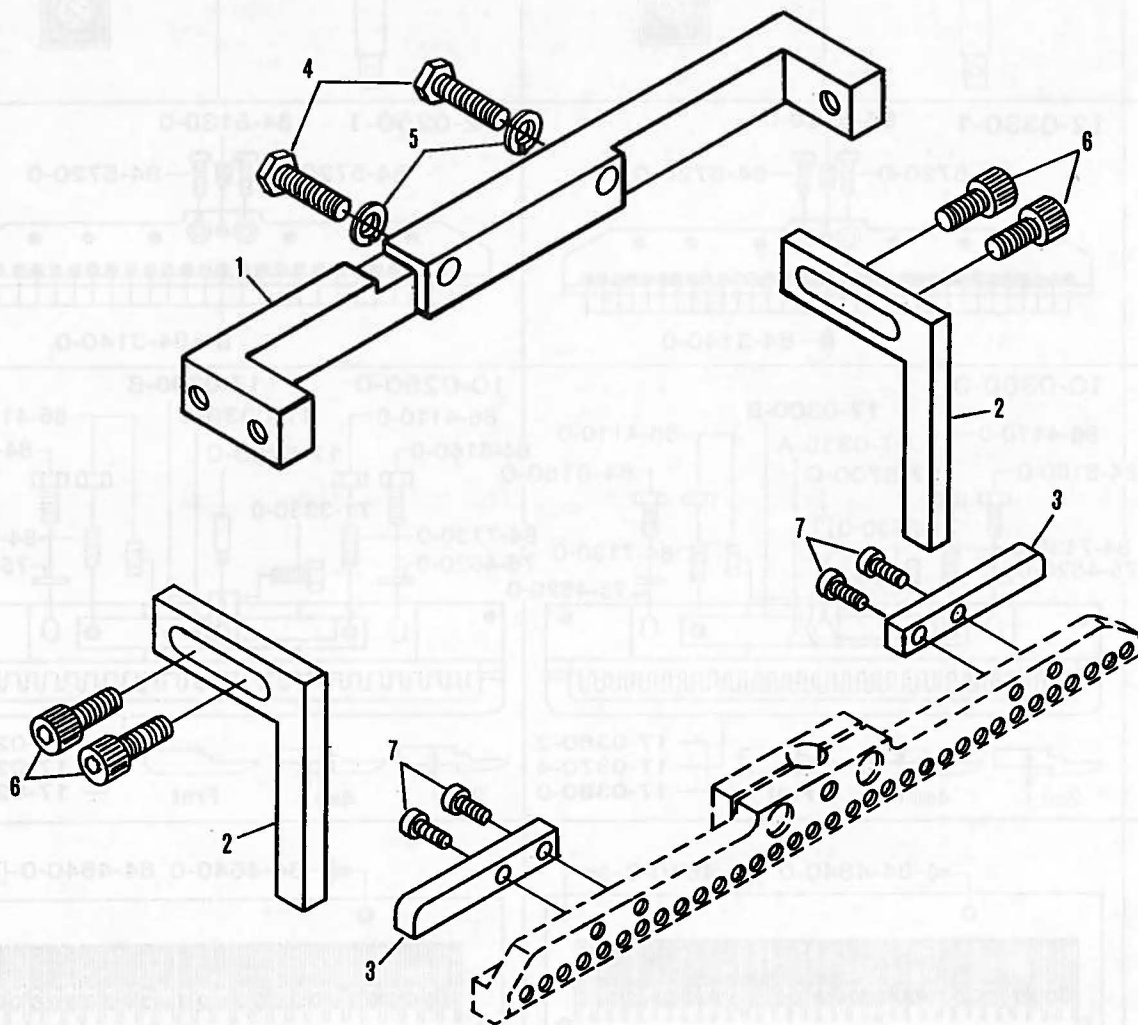


	1433PSM 3/16"	1425PSM 1/4"
Needle 針 Needle bar 針棒	11-4030-0 	13-0540-5 DV57 #14 
Needle clamp 針株	12-0330-1 84-5130-0 84-5720-0  84-3140-0	12-0250-1 84-5130-0 84-5720-0  84-3140-0
Presser foot 押え	10-0300-0 86-4110-0 84-8160-0 17-0330-A 17-5700-C 71-3330-0 84-7130-0 75-4520-0  2mm 4mm Frat 17-0360-2 17-0370-4 17-0380-0	10-0250-0 86-4110-0 84-8160-0 17-0300-B 17-5700-C 71-3330-0 84-7130-0 75-4520-0  2mm 4mm Frat 17-0260-2 17-0270-4 17-0280-0
Retainer looper 糸寄せルーバー Retainer holder 糸寄せ棒	19-4370-0×33 84-1150-0 18-0330-0 	19-4370-0×25 84-1150-0 18-0250-0 
Needle plate 針板	84-4640-0 84-4640-0  14-0330-0	84-4640-0 84-4640-0  14-0250-0
Feed dog 送り歯	 15-0330-0 84-5880-0	 15-0250-0 84-5880-0
Looper ルーバー Needle guard 針当て Looper holder ルーバー台	19-4060-0×3 19-0330-0 19-4310-0×33  84-3800-0 84-3800-0 84-3670-0	19-4060-0×3 19-4160-0×25 84-1620-0 19-4310-0×25  84-3800-0 84-3800-0 19-0250-0 84-3670-0



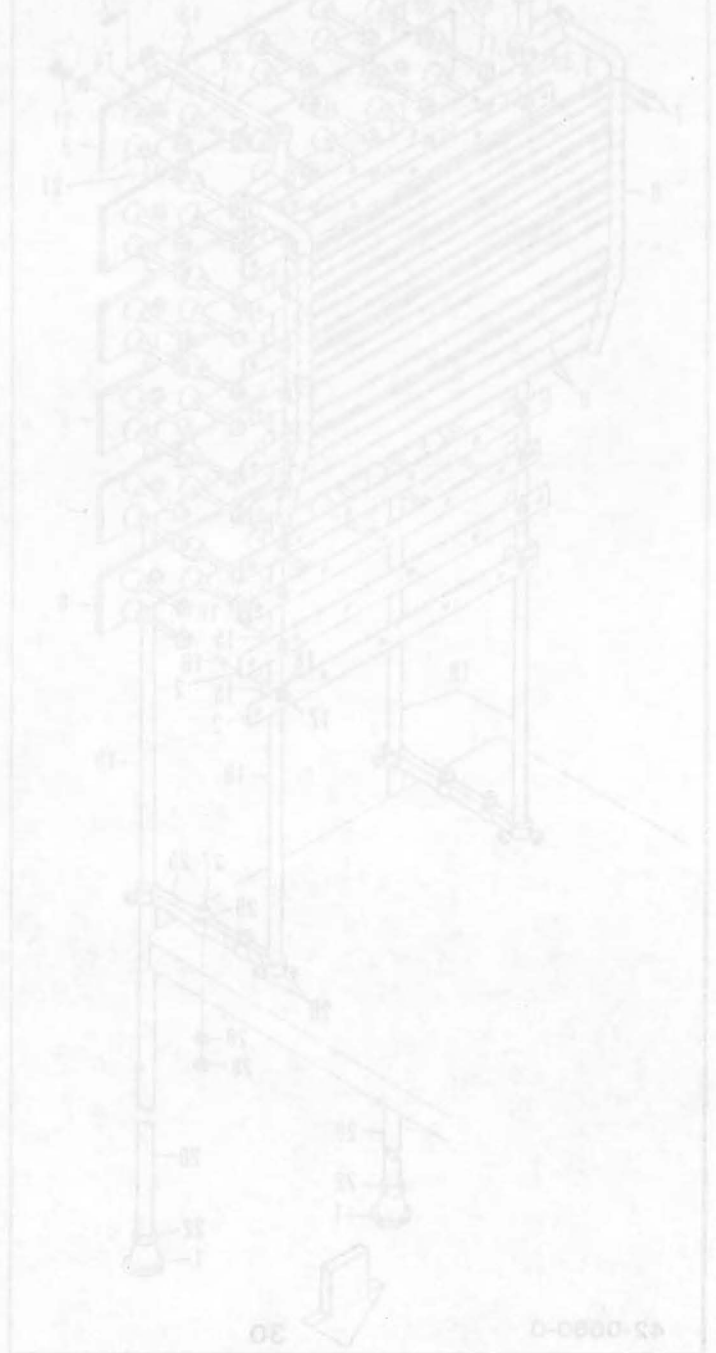
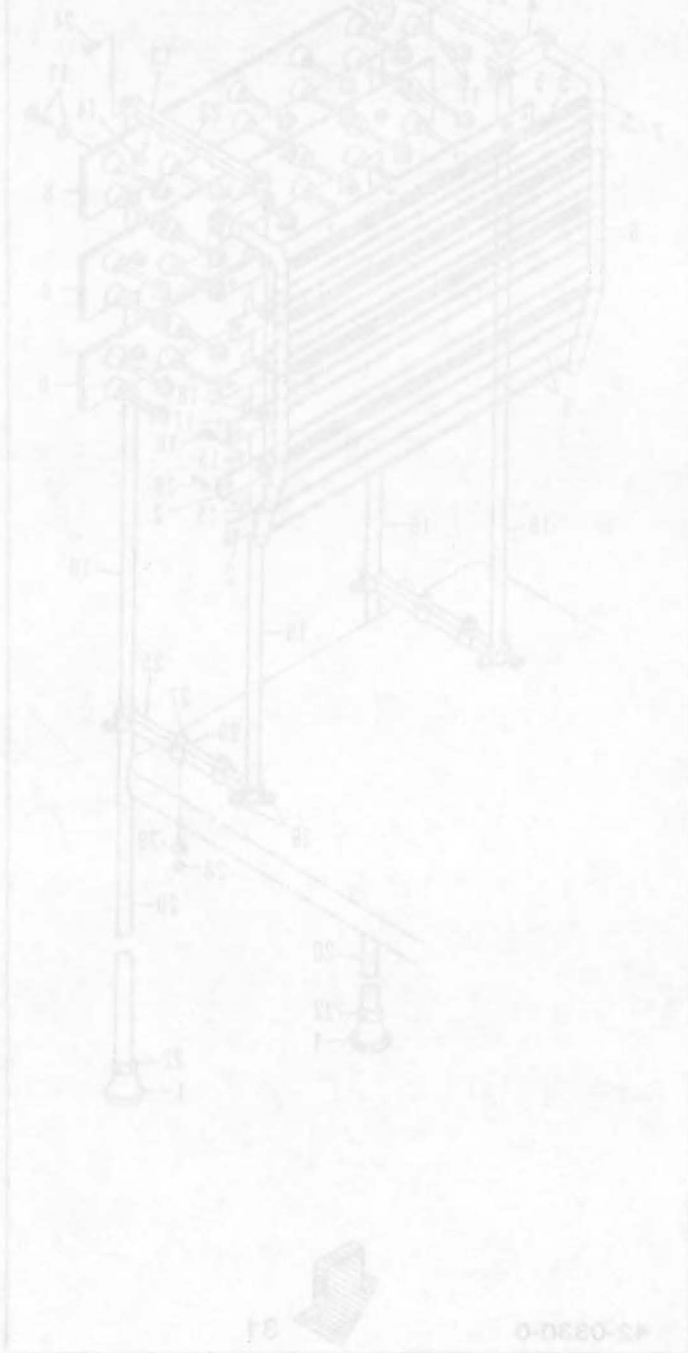
	1033PS-SM 3/16"	1025PS-SM 1/4"
Needle 針 Needle bar 針棒	11-4030-0 	11-4030-0 
	13-0810-5 DVK25 #21 	13-0810-5 DVK25 #21 
Needle clamp 針株	12-0330-1 84-5130-0 84-5720-0 84-5720-0  84-3140-0	12-0250-1 84-5130-0 84-5720-0 84-5720-0  84-3140-0
Presser foot 押え	10-0300-0 86-4110-0 17-0300-B 84-8160-0 17-0330-A 86-4110-0 84-7130-0 17-5700-C 84-8160-0 75-4520-0 71-3330-0 84-7130-0 75-4520-0  2mm 4mm Frat 17-0360-2 17-0370-4 17-0380-0	10-0250-0 17-0300-B 86-4110-0 17-0330-A 86-4110-0 84-8160-0 17-5700-C 84-8160-0 84-7130-0 71-3330-0 84-7130-0 75-4520-0 75-4520-0  2mm 4mm Frat 17-0260-2 17-0270-4 17-0280-0
Needle plate 針板	84-4640-0 84-4640-0  14-0340-0	84-4640-0 84-4640-0  14-0240-0
Feed dog 送り歯	15-0340-0  84-5880-0	15-0240-0  84-5880-0
Looper ルーパー Looper holder ルーパー台	19-4060-0×3  19-1120-0×33  84-3800-0 84-3800-0 19-0330-0 84-3670-0 	19-4060-0×3  19-1120-0×25  84-3800-0 84-3800-0 19-0250-0 84-3670-0 

## 23. Needle bar guide bracket (針棒ガイド関係)

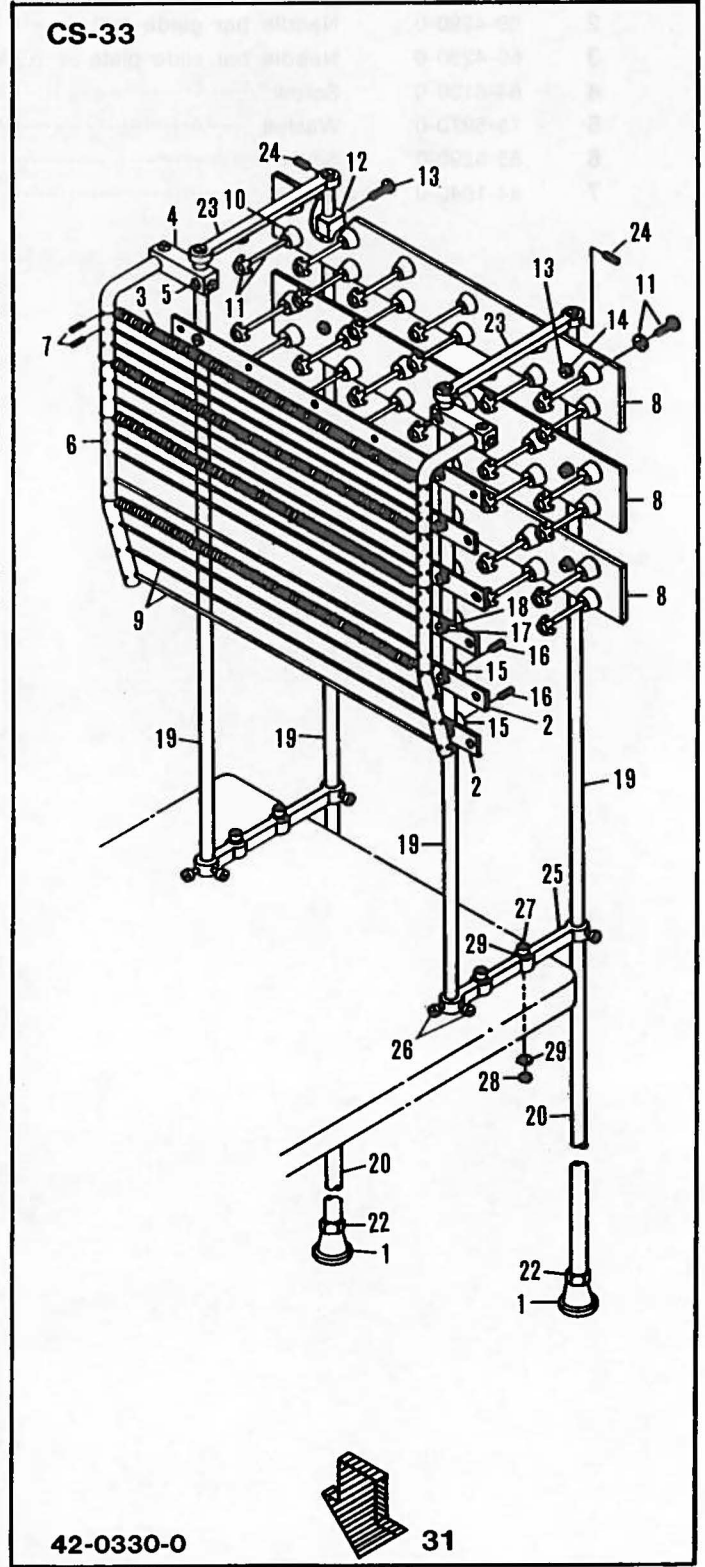
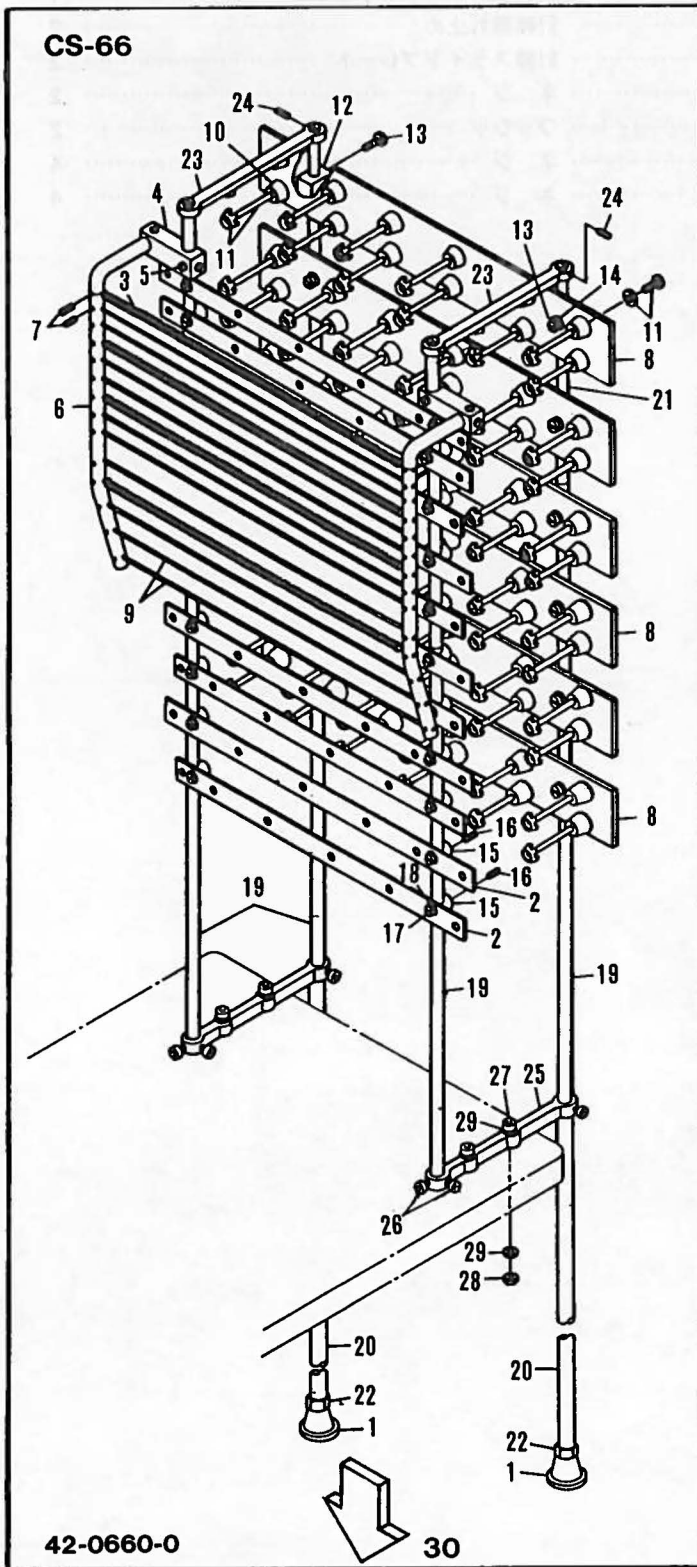




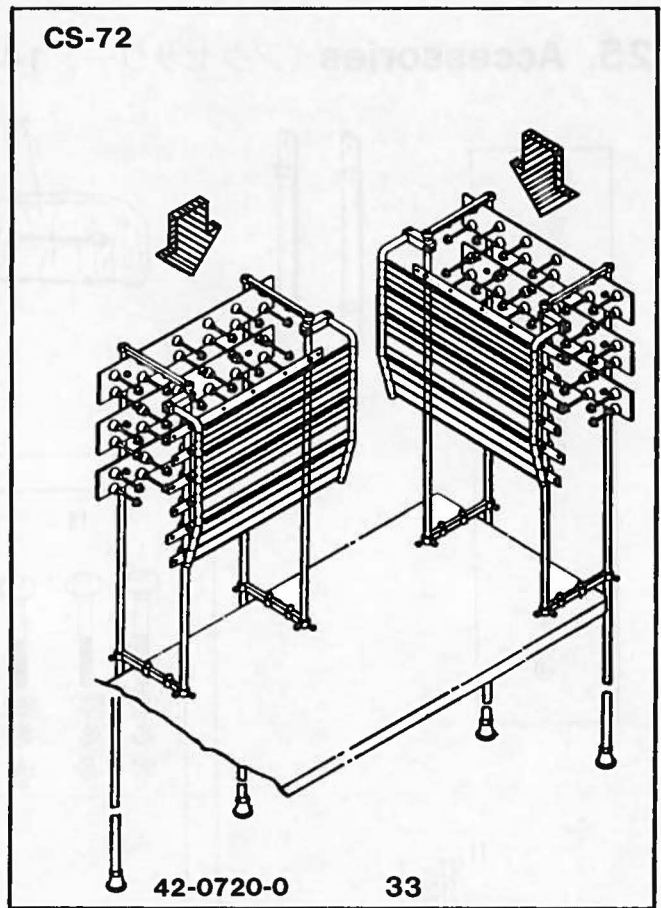
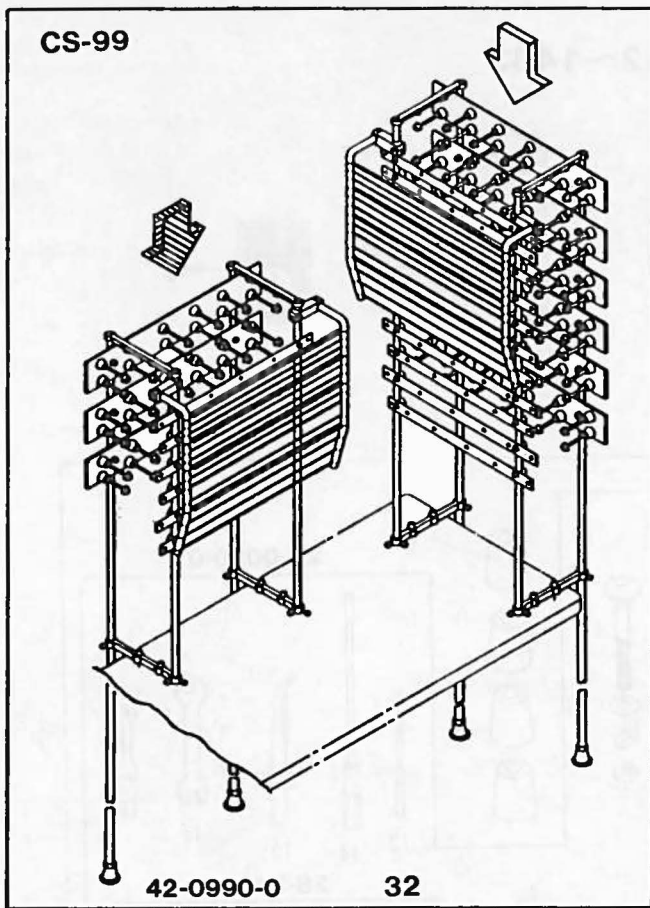
No.	Part No.	Part Name	品 名	Q,ty
1	69-4300-0	Needle bar guide bracket	針棒振れ止めブラケット	1
2	69-4290-0	Needle bar guide fork	針棒振れ止め	2
3	69-4280-0	Needle bar slide plate	針棒スライドプレート	2
4	84-8130-0	Screw	ネジ	2
5	75-5270-0	Washer	ワッシャ	2
6	85-6290-0	Screw	ネジ	4
7	84-1640-0	Screw	ネジ	4



# 24. Thread stands (糸立て)





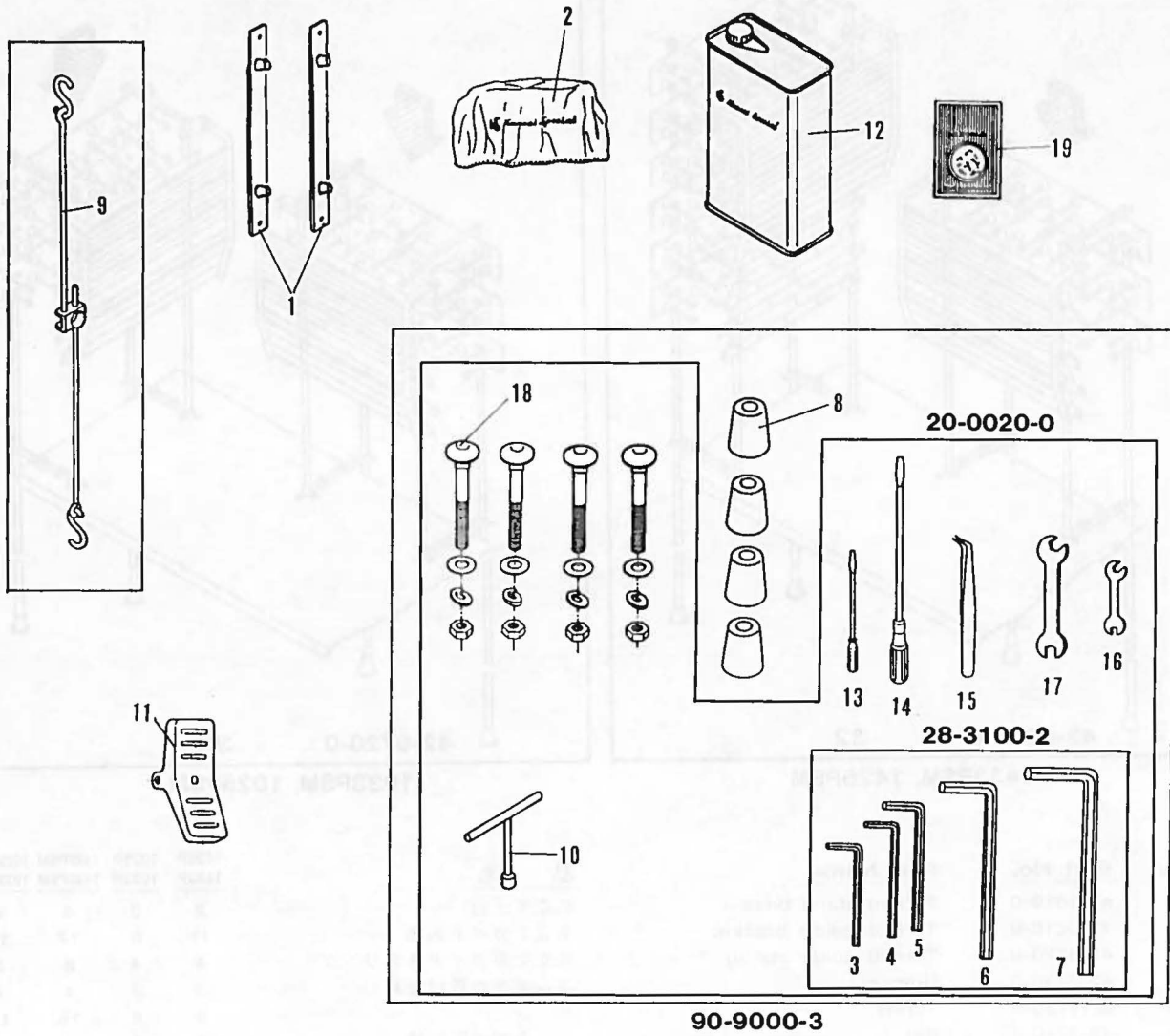


1433PSM, 1425PSM

1033PSM, 1025PSM

No.	Part No.	Part Name	品名	1425P 1433P	1025P 1033P	1425PSM 1433PSM	1025PSM 1033PSM
1	42-1810-0	Thread stand base	糸立て土台	2	2	4	4
2	42-3210-0	Thread guide bracket	糸立てガイド糸道	11	6	17	12
3	42-3220-0	Thread guide spring	糸立て糸ガイドスプリング	4	4	8	8
4	42-3230-0	Bracket	ゴム糸案内取付金具	2	2	4	4
5	87-1720-0	Screw	ネジ	8	8	16	16
6	42-3240-0	Bar	ゴム糸案内取付棒	2	2	4	4
7	84-5210-0	Screw	ネジ	14	14	28	28
8	42-3110-0	Thread stand plate	糸立てベース板	6	3	9	6
9	42-3250-0	Guide bar	ゴムガイドバー	14	14	28	28
10	42-3130-0	Spool pin retaining fin rubber	糸巻固定ゴム	66	33	99	66
11	42-3140-0	Spool pin set	糸立てスプールピンセット	66set	33set	99set	66set
12	42-3260-0	Plate bracket	糸立て板ブラケット	12	6	18	12
13	87-1710-0	Screw	ネジ	36	18	54	36
14	75-5510-0	Washer	ワッシャ	12	6	18	12
15	42-3200-0	Bracket	ガイド糸道取付金具	22	12	34	24
16	87-1720-0	Screw	ネジ	22	12	34	24
17	87-1710-0	Screw	ネジ	22	12	34	24
18	75-5510-0	Washer	ワッシャ	22	12	34	24
19	42-3150-0	Bar A	糸立て支柱A	4	4	8	8
20	42-3160-0	Bar B	糸立て支柱B	2	2	4	4
21	42-3170-0	Bar C	糸立て支柱C	4		4	
22	86-7660-0	Nut	ナット	2	2	4	4
23	42-3180-0	Arm	アーム	2	2	4	4
24	87-1720-0	Screw	ネジ	4	4	8	8
25	42-3190-0	Thread stand base	糸立てベース	2	2	4	4
26	87-1710-0	Screw	ネジ	8	8	16	16
27	87-1760-0	Screw	ネジ	4	4	8	8
28	88-1760-0	Nut	ナット	4	4	8	8
29	33-9200-0	Washer	ワッシャ	8	8	16	16
30	42-0660-0	Thread stand CS-66,1425P,1433P	66本糸立て (CS-66)	1set			
31	42-0330-0	Thread stand CS-33,1025P,1033P	33本糸立て (CS-33)		1set		
32	42-0990-0	Thread stand CS-99,1425PSM,1433PSM	99本糸立て (CS-99)			1set	
33	42-0720-0	Thread stand CS-72,1025PSM,1033PSM	72本糸立て (CS-72)				1set

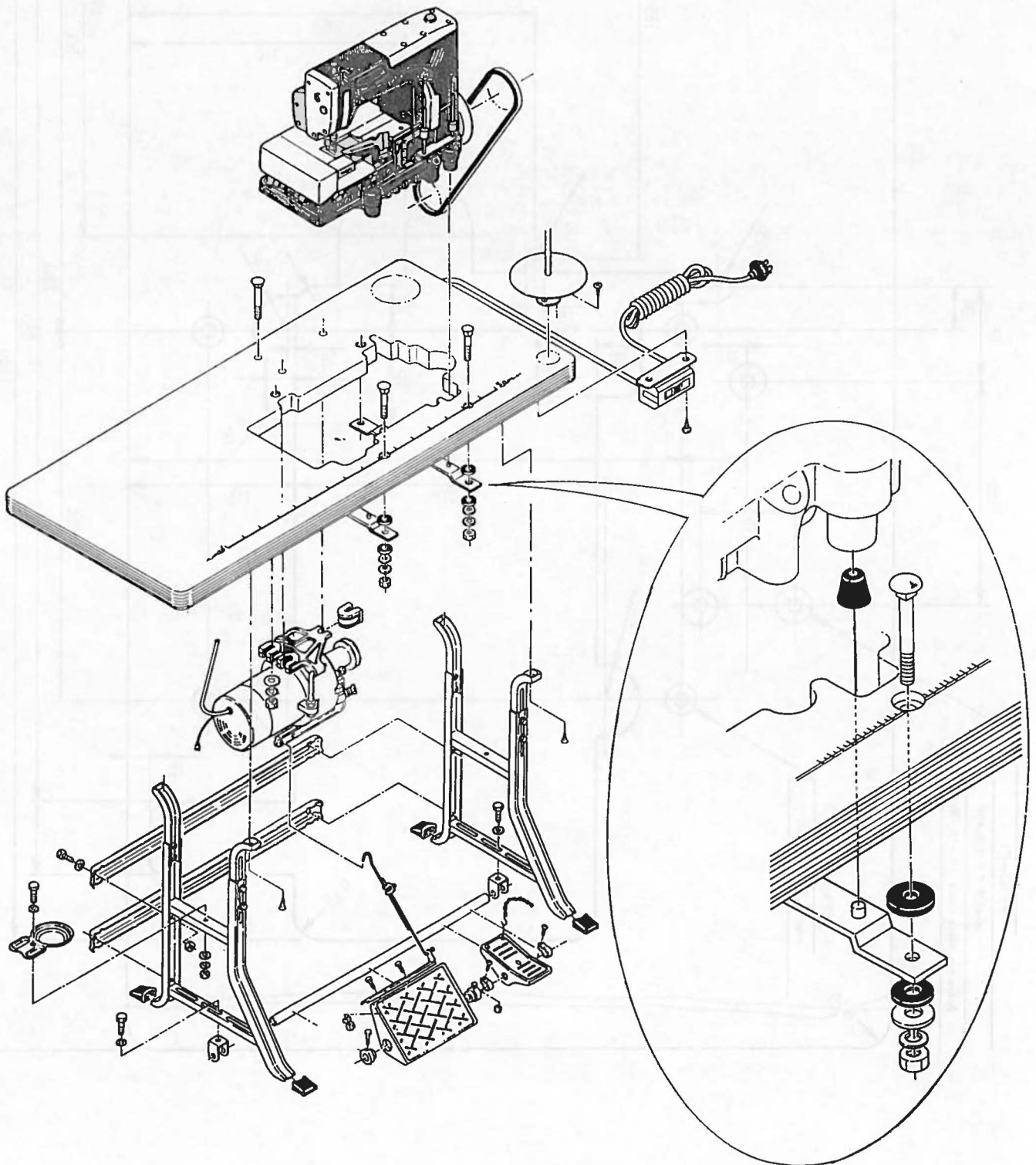
## 25. Accessories (アクセサリー) 1412~1433



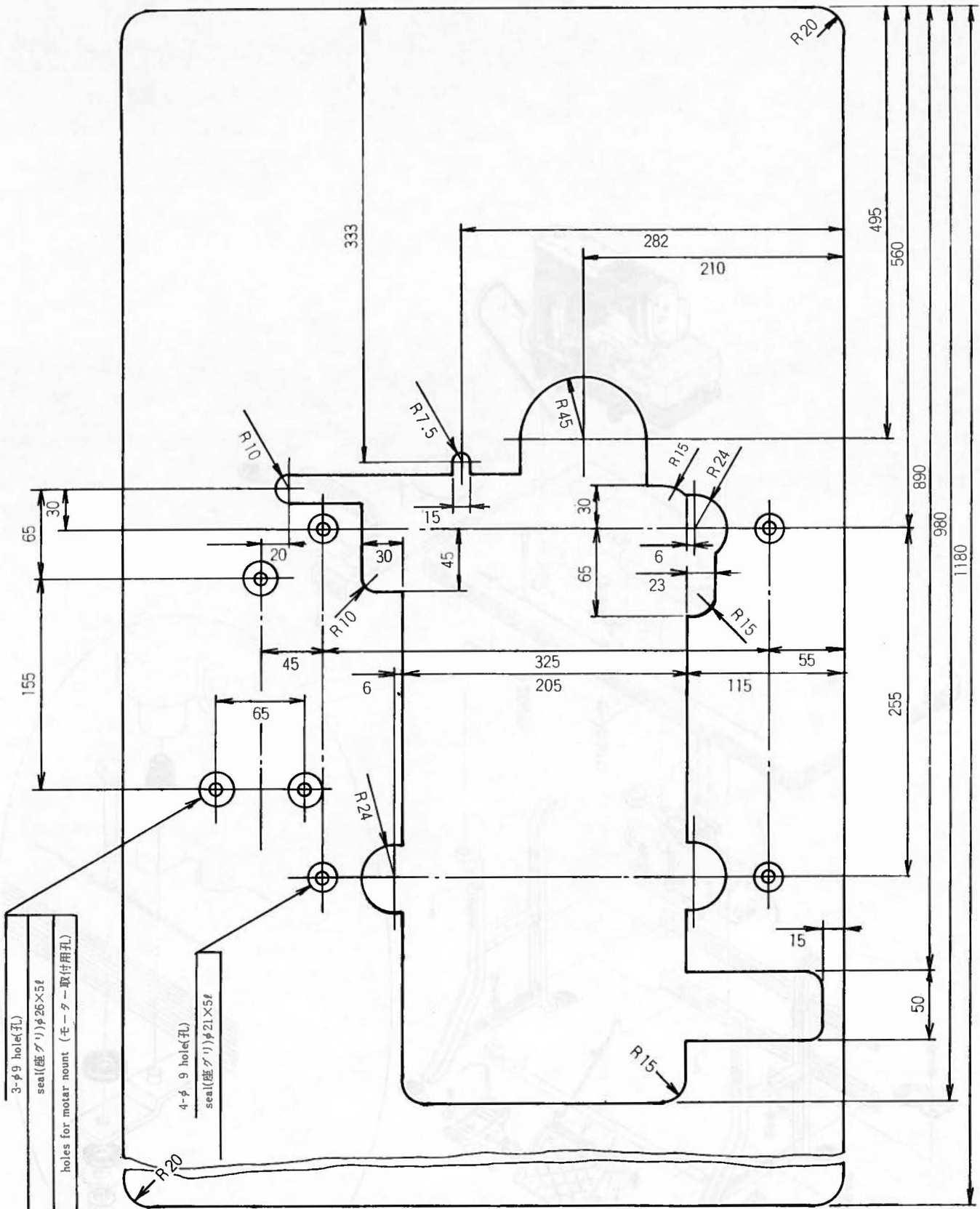
No.	Part No.	Part Name	品名	Q, ty
1	25-1400-0	Machine mount bracket	タンク取付金具	2
2	28-0210-0	Machine cover	ミシン頭部ビニールカバー	1
3	28-3100-0	Wrench	6角レンチ 1.5	1
4	28-3110-0	Wrench A	6角レンチ A	1
5	28-3120-0	Wrench B	6角レンチ B	1
6	28-3130-0	Wrench C	6角レンチ C	1
7	28-3140-0	Wrench D	6角レンチ D	1
8	31-1630-0	Cushion rubber	クッションゴム	4
9	77-0060-2	Tie-rod (upper)	連結棒	1
10	28-4640-0	Wrench T	T型レンチ 10ミリ	1
11	77-0010-2	Pedal	押し揚げペダル	1
12	28-6110-0	Oil tellesso 33	ミシンオイル	1
13	28-4510-0	Screw driver (small)	ドライバー小	1
14	28-4520-0	Screw driver	ドライバー大	1
15	28-0110-0	Tweezers	ピンセット	1
16	28-4210-0	Spanner (small)	スパナ小	1
17	28-4220-0	Spanner (large)	スパナ大	1
18	80-7510-0	Screw	クラッチモーター取付ネジ	4
19	13-1140-6	Needle UOX113 #14 1433P,1425P 1433PS,1425PS	針	10
	13-0540-5	Needle DV-57 #14 1412PSM,1433PSM 1425PSM	針	10
	13-1110-5	Needle UO113 #11 1412PTV 1412PQ	針	10
	13-0810-5	Needle DVK-25 #21 1012,1033PS-SM 1025PS-SM	針	10



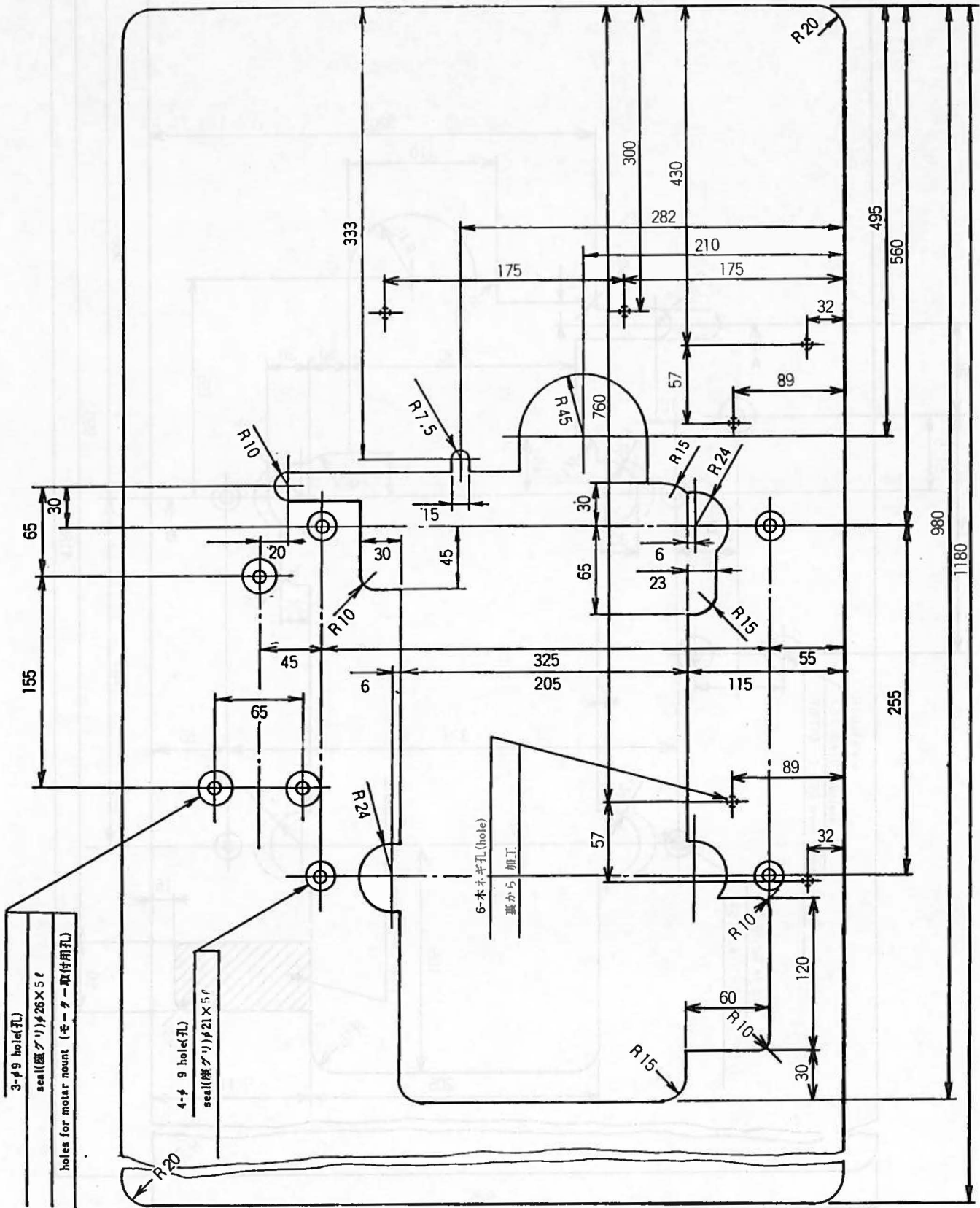
26. Table stand assembly diagram (テーブルスタンド据付図)



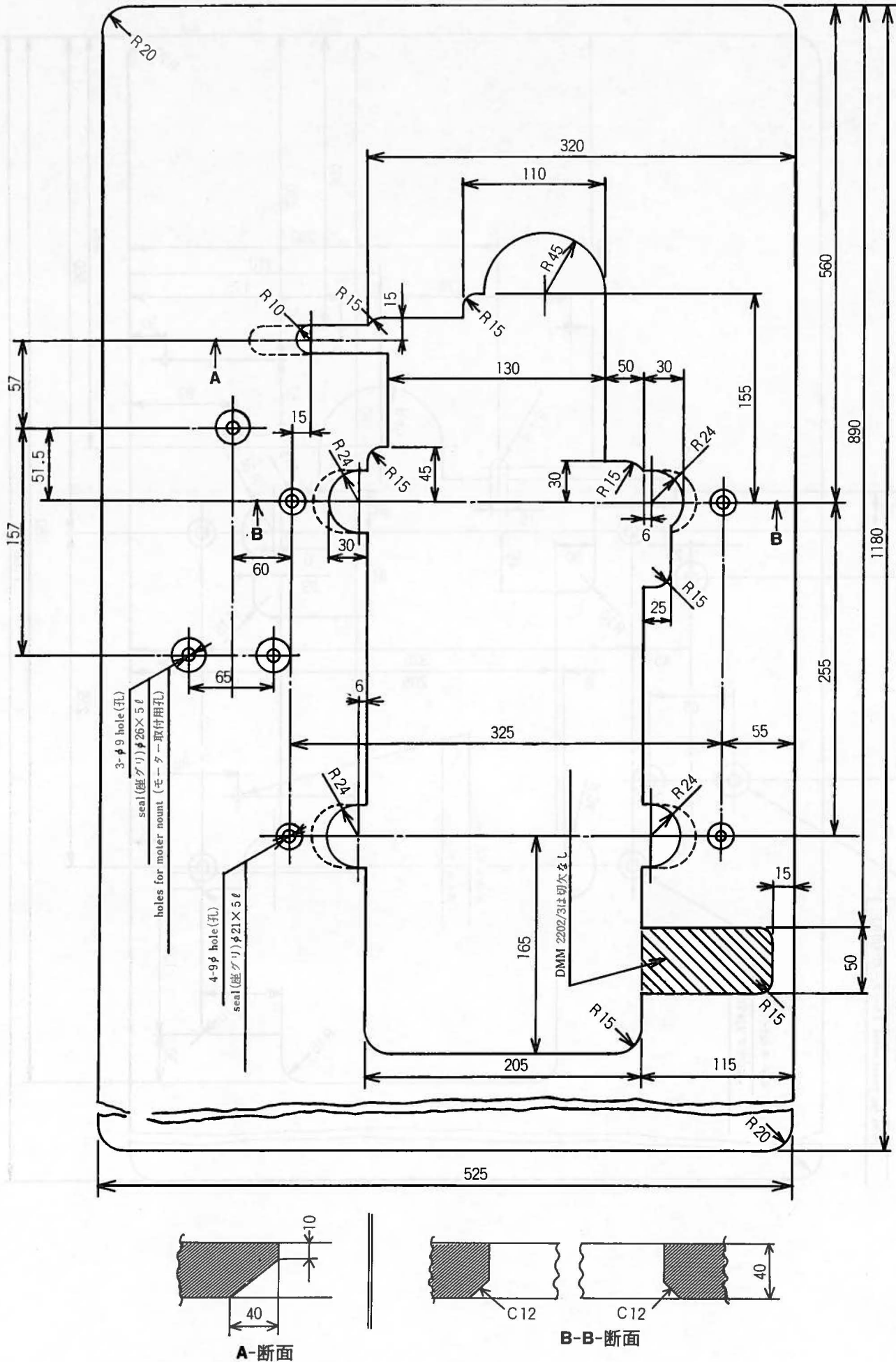
# 27. Table diagram (テーブル図) 1412 Type





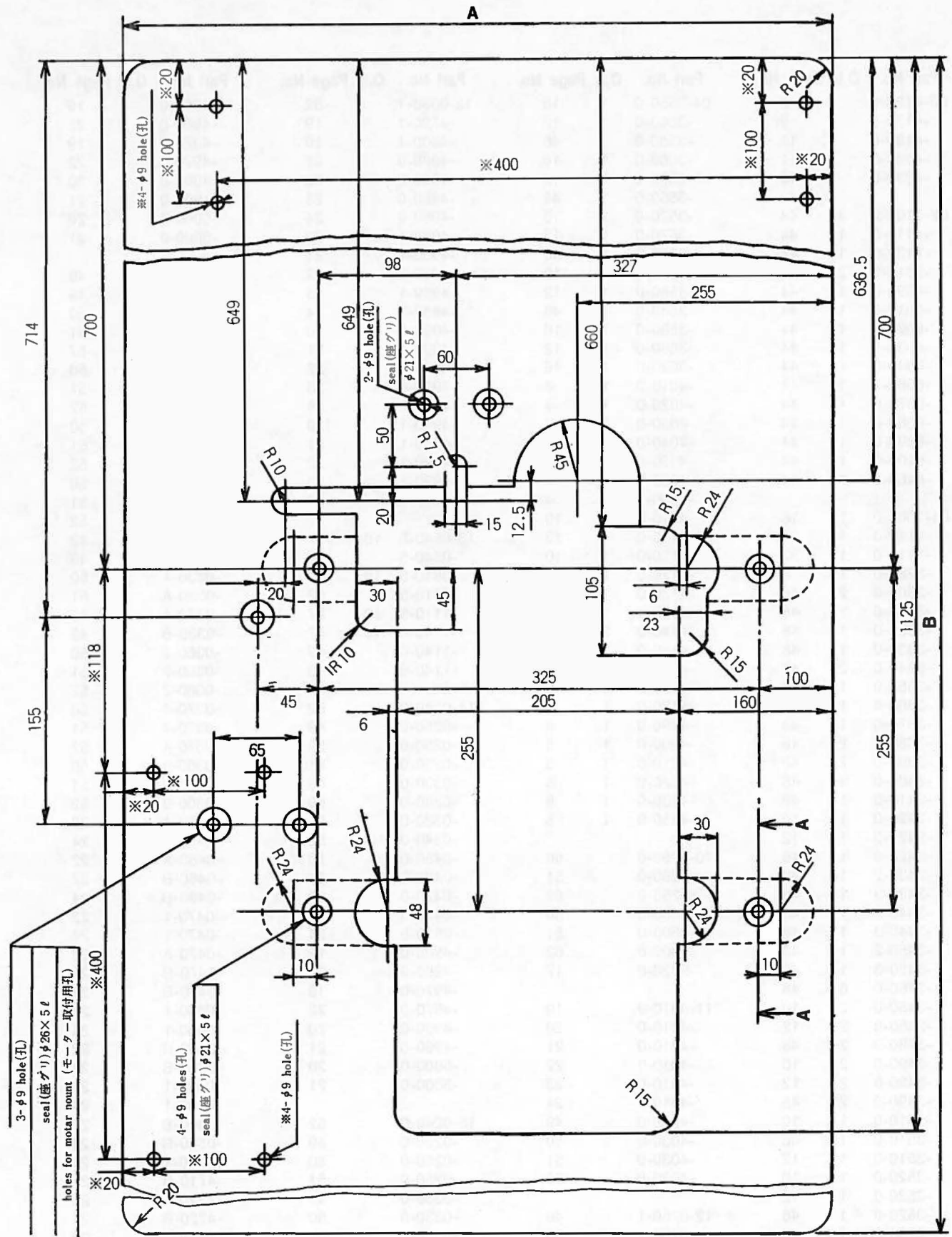


# 1412PSM, 1012PSM Type





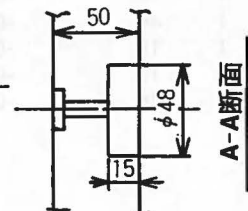
1433P, PS, PSM. 1033P, PS, PSM. Type



Model	A	B
1433P,PS,1033P,PS	530	1500
1433PSM,1033PSM	800	1500

Note

※印の寸法はPSM用(巾広)のみ加工のこと



A-A断面

# 28. Index (索引)

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-4140-0		11	-3560-0	1	10	-4980-0		21	-4970-0		22
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			-3560-0	1	46	-4980-0		23	-4990-0		21
02-1100-0	1	44	-3570-0	1	10	-4980-0		24	-5000-0		20
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-4520-0	2	10	-1150-0		19	-3740-0	2	8	-5620-0	1	44
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-4520-0		50	-1150-0		49	-3800-0		20	-5630-0	2	44
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-4520-0	1	52	-1150-0		51	-3800-0		22	-5630-0	4	12
-4530-0	1	8	-1610-0		23	-3800-0		23	-5640-0	3	44
-4530-0	1	16	-1610-0		23	-3800-0		24	-5640-0		19
-4530-0	1	32	-1620-0	2	42	-3800-0		49	-5660-0	1	44

Part No.	Q,ty	Page No.	Part No.	Q,ty	Page No.	Part No.	Q,ty	Page No.	Part No.	Q,ty	Page No.
84-5660-0	2	8	84-7180-0	2	4	86-3110-0	2	48	93-4010-0	1	18
-5660-0	2	10	-7180-0	2	10	-3130-0	3	34	-4060-0	1	16
-5660-0	2	12	-7180-0	2	12	-4110-0	2	8	-4060-0	1	42
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-5660-0	3	46	-7610-0	2	6	-4110-0	25	38	-0130-0	1	2
-5660-0	4	10	-7610-0	2	8	-4110-0	33	34	-0140-0	1	2
-5660-0	4	12	-7610-0	2	14	-4110-0	33	38	-0150-0	1	2
-5660-0	5	32	-7610-0	16	36	-4110-0		19	-0160-0	1	2
-5680-0	2	40	-7610-0	16	38	-4110-0		20	-0170-0	1	2
-5680-0	2	40	-7610-0	28	34	-4110-0		21	-0180-0	1	2
-5690-0	2	16	-7620-0	4	36	-4110-0		22	-0190-0	1	2
-5690-0	2	42	-7630-0	2	6	-4110-0		24	-0210-0	1	2
-5710-0	2	4	-7630-0	2	8	-4110-0		49	-0220-0	1	2
-5720-0	1	40	-7630-0	3	14	-4110-0		50	-0230-0	1	2
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-7180-0	1	16	-3110-0	2	12						
-7180-0	1	42	-3110-0	2	12	93-2110-0	1	18			
-7180-0	1	46	-3110-0	2	46	-2610-0	1	16			





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