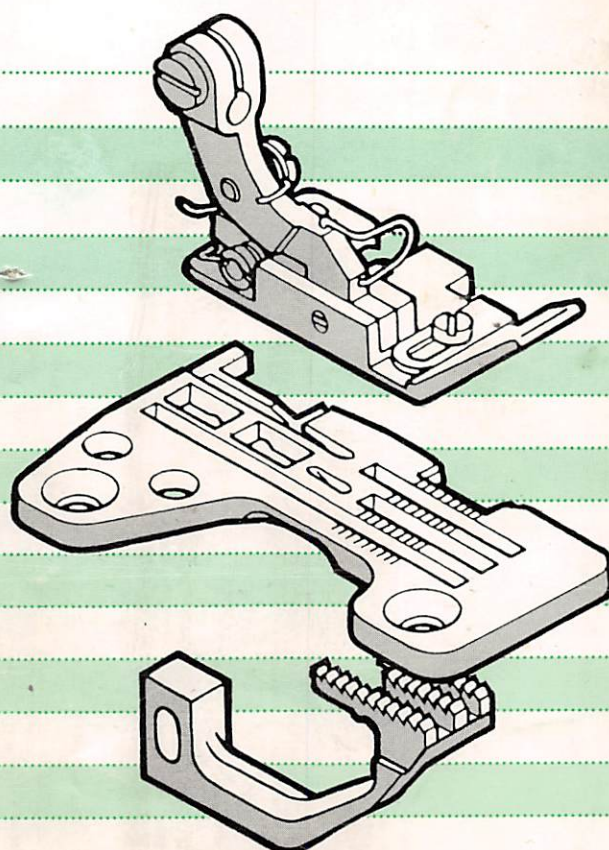


JUKI[®] GAUGE SET MANUAL

MO-2500 SERIES
MO-2400 SERIES



TOKYO JUKI INDUSTRIAL CO., LTD.
FOREIGN TRADE BUSINESS DIV.

From the library of: Superior Sewing Machine & Supply LLC

CONTENTS

	Page	
1. Foreword	①	1
2. Brief Description of Contents of Gauge Set Manual	②	2
3. Model Numbering System of MO-2500/2400 Series Machines	1	3
4. List of Subclass Machines Classified by Material Code, Application Code, and Special Machine Code	4	4
5. MO-2500/2400 Series Subclass Machine Lists	9	5
● MO-2500 Series (1-needle/2-needle Overlock Machine and Safety Stitch Machine) ..	10	
● MO-2400 Series (1-needle/2-needle Overlock Machine and Safety Stitch Machine) ..	15	
6. Adjustment of the Needle Height and Loper Timing	20	6
7. MO-2500/2400 Series Subclass Machine Specifications List	23	7
● Standard Subclass Machine Specifications List	24	
● Specifications List of Subclass Machines for Special Applications	28	
● Specifications List of Subclass Machines Classified by Stitch Type	31	
8. Gauge Parts Lists of Standard Subclass Machine and Subclass Machine for Special Application	34	8
● Standard Subclass List	35	
● Specification List of Subclass for Special Application	53	
9. Standard Gauge Parts Lists	77	9
● Standard Presser Foot List	78	
● Standard Needle Clamp List	91	
● Standard Needle Guard List	96	
● Standard Loper List	99	
● Standard Chip Guard Cover List	102	
10. Replacement Gauge Parts Lists	104	10
● Standard Replacement Throat Plate List (E-01 ~ E-07)	105	
● Replacement Feed Dog List (F-01 ~ F-06)	107	
● Replacement Presser Foot List (G-01 ~ G-15)	109	
11. List of Subclass Machines Classified by Stitch Type	114	11

1.

Foreword

It is a great pleasure that our MO-2500/2400 series machines have been favored by many customers since they were placed on the market.

We hope that this gauge set manual will help you find out machines that exactly meet your requirements from the vast variety of MO-2500/2400 series machines. This manual shows the dimensions of the throat plates, presser feet, and feed dogs used with typical models, so that you can select gauge parts that suit to your particular applications.

We will continue to provide our customers with sewing machines that satisfy customer's requirements, and we do hope that we may receive further favor from you to our MO-2500/2400 series machines.

2.

Brief Description of Contents of Gauge Set Manual

This gauge set manual mainly contains information about the following items. Brief description of each item is given here. For more details, please refer to the individual sections.

1. Applicable Models

This gauge set manual is intended to be used as a guide for most effective use of each model of MO-2500/2400 series machines.

2. Model Numbering System

This section shows our model numbering system to specify individual MO-2500/2400 series machines.

3. MO-2500/2400 Series Subclass Machine Specifications Lists

These lists contain the specifications, applications, and gauge sizes, etc. of standard subclass machines, subclass machines for special applications, and subclass machines classified by stitch type. Carefully look into these lists to locate just the one that meet your sewing requirements.

4. Subclass Machine Gauge Parts Lists

These lists show parts Nos. and configurations of the gauge parts used for subclass machines. For throat plates, feed dogs, etc., their required dimensions are given to enable you to select gauge parts that suit to your particular applications.

When changing a gauge part, select one from the replacement gauge parts given for each model.

The standard presser foot assembly is provided with a finger guard. Please note that the front views of the presser foot assembly show the finger guards but the top views eliminate these finger guards for the clearness of the views.

5. Replacement Gauge Parts Lists

These lists contain discrete replacement throat plates, feed dogs, and presser feet exclusively used for particular applications. Use these exclusive gauge parts according to your specific applications.

6. Subclass Machines Classified by Stitch Type

This section contains the specifications, applications, and adjustment of typical models of popular stitch types.

Refer to the threading illustrated when using the sewing machine.

3.

Model Numbering System of MO-2500/2400 Series Machines

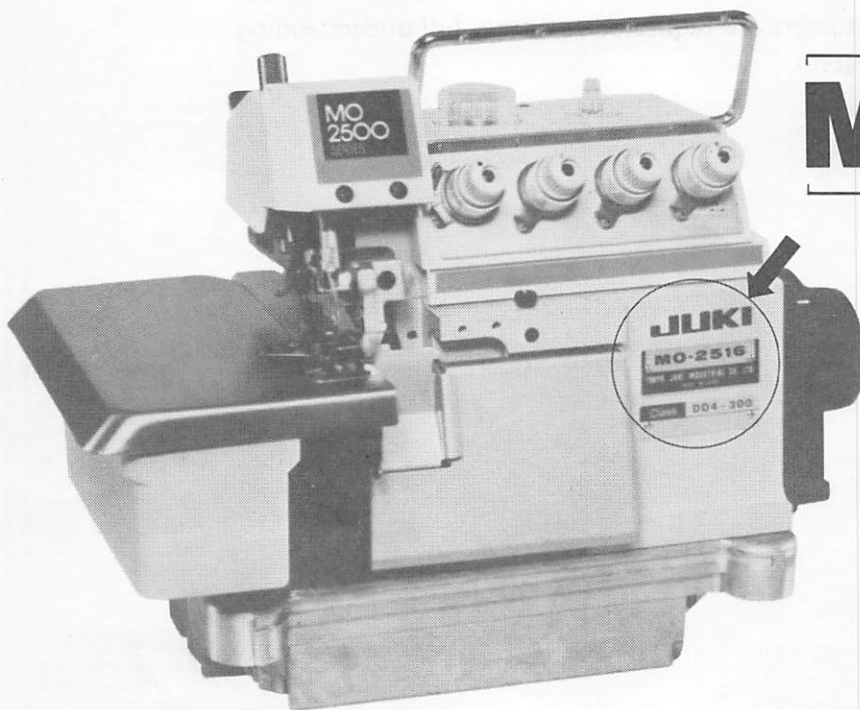
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Description is given to the codes used to specify a model best suited to customer's specific application among the MO-2500/2400 series machines. All of our MO-2500/2400 series machines are controlled by this model numbering system. So, customers are requested to obtain full understanding of this model numbering system.

Model numbering system

①

Series code
Classification of series
MO-25△△ Overlock Safety stitch Super high-speed
MO-24△△ Overlock safety stitch High-speed



MO-2504

Model No. Code

⑦

Material code		
Classification based on materials to be used (The figures show grade of material thickness)		
1	Extra-light ~ Light-weight materials	
2	Light-weight materials	For training wear, knit, etc.
3	Medium-weight materials	Standard (for dress skirts to sport wear)
4	Medium-weight materials	Knit sweater, etc.
5	Heavy-weight materials	Standard

The material code "3" denotes the standard machine. The code "5" represents a machine suited for sewing materials thicker than those sewn by "3" standard machine, while "1" shows a machine suited for sewing materials thinner than those sewn by "3" machine. The code "2" represents a machine furnished with a presser foot for producing stitches with better touch and appearance.

In other words, the machine with material code "2" is exclusively used for sewing knit materials.

Note that this model of machine has presser foot lift of 6 mm or less because of the larger hook of the stitch tongue. Similarly, the code "4" denotes the "5" machine (for sewing heavy-weight material) exclusively used for sewing heavy-weight knit materials.

②	③	④	⑤	⑥
Seam code Stitch type (conforms to USA Standard) 04 – 504 14 – 514 16 – 516 01 – 501 02 – 502 03 – 503 05 – 505 06 – 506 07 – 507 12 – 512 15 – 515 40 – 540 43 – 3-needle 45 – 2-needle (double chain stitch)	Basic specification code Significant difference in specifications of main unit (B) – General Soft chain (E) – General (F) – With looper threading mechanism (Only MO-2500 series) (S) – Soft chain spec. Special order spec. (Schiesser specification)	Needle gauge code Needle gauge (mm) 0 – 1-needle Z – 0.8 X – 1.2 A – 1.6 B – 2.0 C – 2.4 D – 3.2 E – 4.0 F – 4.8 B.B – 2.0 x 2.0 D.B – 3.2 x 2.0 F.B – 4.8 x 2.0 (3-needle) (Safety stitch side) (Overlock side)	Overedging width code Overedging width (from right needle to fabric edge) A – 1.6 mm B – 2.0 mm C – 2.4 mm D – 3.2 mm E – 4.0 mm F – 4.8 mm G – 5.6 mm H – 6.4 mm	Feed dog code Number of feed dog rows 5 – 1-row 4 – 2-row 6 – 3-row 7 – 4-row

Attachment & Device Code

-0D6-320/S098/T006

⑧	⑨	⑩	⑪
Application code Classification based on type of operation 0 – Standard 1 – For blind hemming (L001) 2 – For gathering (S057) For safety stitch (S058) For overlock stitch 3 – For piping (M075) 4 – For attaching tape 5 – For rolling in 6 – For rolling in tape 7 – For serging A – For wool B – For piping & gathering C – For doeskin	Special machine code Special specifications other than gauge set 0 – Standard 1 – Upper looper adjustable 2 – Flat knife 3 – Corrugated square knife 4 – Looper for thick thread 5 – Overedging width adjustable 6 – Provided with throat plate and differential feed dog lip 7 – Large upper looper travel	Attachment code Model of attachment required for operation specified by Application Code S097 Swing-type gathering device for safety stitch S098 Swing-type gathering device for overlock M076 Ready-made piping tape guide M056 Piping folder M077 Piping folder for gathering Replacement parts G01 ~ Replacement presser foot E01 ~ Replacement throat plate F01 ~ Replacement feed dog K066 Rolling-in feller N067 Reinforcement tape attaching binder N077 Binder (for clean top and bottom finish)	Labor-saving device code Device for achieving labor saving, higher productivity, automation and greater ease of operation Z072 – Chain-off thread rolling-in device Z073 – Chain-off thread rolling-in device (can be stopped at a fixed position) L012 – Blind hemming attachment (with automatic preventer of stitch deviation) S084B – Pattern guide for sewing cuff lining T006 – One-touch type thread trimming device T016 – Automatic chain-off thread trimming device T022 – Suction type flat cutter T023 – Suction type side cutter S095 – Curl removing attachment

The special machine code denotes a requirement other than the replacement of the subclass gauge sets.

- 0 Standard machine which uses the fixed upper looper and square upper knife.
- 1 Use this code when a machine with an adjustable upper looper is required. In this case, the max. speed will be limited because of weight limit.
- 2 Use this code when a flat upper knife is desired.
- 3 Use this code when a square knife with corrugated blade is desired to sew heavy-weight materials.
- 4 Use this code when the standard looper is required to be replaced by the looper for thicker thread. Note that the machine for sewing with wooly thread has the looper for thicker thread.
- 5 Use this code for a machine with provision for overedging width adjustment. In this case, the machine comes in two types; in one type, the overedging width is adjusted by moving the pawl of the throat plate, and in the other type, the adjustment is made by moving the stitch tongue of the presser foot.

4.

List of Subclass Machines Classified by Material Code, Application Code, and Special Machine Code

4

Based on the material code, typical applications of MO-2500 series are described.

Use this list to find a model best suited to your application out of the wide selection of sewing machines.

Also, several examples of subclass machines combined with attachments or devices are given for better understanding of our model numbering system.

List of subclass machines classified by material code, application code, and special machine code

Code	Application	Subclass Model Name	Remarks
100 For light-weight materials	Closing stitch of panty hose toes, stockings, etc., and crotch seaming	MO-2514E-ZA5-100 MO-2514E-XB5-100 MO-2514E-AB4-100	Urethane feed dog Feed dog pitch : 1.6 mm
	Safety stitching in side seaming of blouses, men's shirts, etc.	MO-2516E-DD4-100 MO-2516E-FF6-100 MO-2516E-RH6-100	Rear presser foot Feed dog pitch : 1.6 mm
150 Roll-in seaming of light-weight materials	Roll-in seaming of light-weight materials in handkerchiefs, scarfs, etc.	MO-2504E-0A5-150 MO-2504E-0A4-150	One row is of urethane feed dog
200 For better appearance and touch	For runstitching of knitwork, etc. Especially for those requiring good appearance and touch	MO-2504E-0D4-200 MO-2514E-BD4-200	Presser foot lifting amount : 5.5 mm
210 Blind hemming	Blind hemming of knit goods; For better appearance and touch	MO-2505E-0D4-210 MO-2505E-0D4-210/L012	– ditto – General blind hemming Equipped with automatic folded-edge control hemming device
300 Standard	For 1-needle overlock runstitching	MO-2504E-0C4-300 MO-2504E-0D4-300 MO-2504E-0E4-300 MO-2504E-0F4-300 MO-2504E-0H4-300 MO-2504E-0D6-300	
	For 2-needle overlock runstitching	MO-2514E-AD4-300 MO-2514E-BB4-300 MO-2514E-BD4-300 MO-2514E-BE4-300 MO-2514E-BD6-300 MO-2514E-BE6-300 MO-2514E-CD4-300 MO-2514E-CD6-300 MO-2512E-CD4-300 MO-2512E-CD6-300	Used as overlock machines by removing one needle
	Safety stitching	MO-2516E-AF4-300 MO-2516E-BD4-300 MO-2516E-BF4-300 MO-2516E-CD4-300 MO-2516E-CF4-300 MO-2516E-DD4-300 MO-2516E-DE4-300 MO-2516E-DF4-300 MO-2516E-DG4-300 MO-2516E-DH4-300	
	3-needle safety stitching	MO-2543E-BBD6-300 MO-2543E-DBD6-300 MO-2543E-FBD6-300	

Code	Application	Subclass Model Name	Remarks
320 Gathering	For 1-needle overlock gathering	MO-2504E-0D6-320 MO-2504E-0D6-320/S098	Interlocked with presser foot Operated manually
	For 2-needle overlock gathering	MO-2514E-BD6-320 MO-2514E-BD6-320/S098	Interlocked with presser foot Operated manually
	For safety stitch gathering	MO-2516E-BD4-320 MO-2516E-DD4-320 MO-2516E-DD6-320 MO-2516E-FF6-320 MO-2516E-RH6-320	Interlocked with presser foot
		MO-2516E-BD4-320/S097 MO-2516E-DD4-320/S097 MO-2516E-DD6-320/S097 MO-2516E-FF6-320/S097 MO-2516E-RH6-320/S097	Operated manually
330 Piping	For 2-needle overlock piping	MO-2514E-BD4-330 MO-2514E-BD4-330/M076 MO-2514E-BD4-330/M056	For general For ready-made tape For folding
	For safety stitch piping	MO-2516E-DD4-330 MO-2516E-DD4-330/M076 MO-2516E-DD4-330/M056	For general For ready-made tape For folding
340 Tape attaching	1-needle overlock tape attaching	MO-2504E-0F6-340 MO-2504E-0H6-340	Tape width : 4 mm With tape guide
	2-needle overlock tape attaching	MO-2514E-BD6-340 MO-2514E-CD6-340	Tape width : 4 mm With tape guide
	2-needle overlock gathering & tape attaching	MO-2514E-BD6-320/G03 MO-2514E-BD6-320/S098/ G03	This model should be classified into code 320, however, it has been actually classified into code 340 because it uses the tape attaching foot (G03).
	Safety stitch tape attaching	MO-2516E-DD4-340 MO-2516E-DF4-340 MO-2516E-DH4-340	Tape width : 5 ~ 10 mm With tape guide
	3-needle safety stitch tape attaching	MO-2543E-BBD6-340 MO-2543E-DBD6-340 MO-2543E-FBD6-340	Tape width : 4 mm With tape guide
305 Overedging width adjustable type	1-needle overlocking Overedging width adjustable by throat plate 3.2 ~ 4.8	MO-2504E-0D4-305/E05	
	2-needle overlocking Overedging width adjustable by throat plate 3.2 ~ 4	MO-2514E-BD6-305/E06 MO-2514E-BD4-305/E08	
	Safety stitching Overedging width adjustable by throat plate 3.2 ~ 4.8	MO-2516E-DD4-305/E07	
	1-needle overlocking Overedging width adjustable by presser foot 3.2 ~ 4.8	MO-2504E-0D4-305/G14	Presser lifting amount : 4 mm
	Safety stitching Overedging width adjustable by presser foot 3.2 ~ 4.8	MO-2516E-DD4-305/G15	Presser lifting amount : 4 mm

Code	Application	Subclass Model Name	Remarks
360 For tape rolling-in	Safety stitching for rolling in reinforcement tape	MO-2516E-DD4-360/N067	Tape width : 10 mm
	2-needle double chain stitching For rolling in and sewing tape (clean finish top and bottom) to pocket bags, etc.	MO-2545E-DD4-360/N077 MO-2545E-ED4-360/N077	Tape width : 20 mm
4A0 For wool (Export : square knife)	Overedging of medium-weight knit, sweaters, bulky material, etc.	MO-2504E-0F6-4A0 MO-2514E-BD6-4A0 MO-2514E-BD7-4A0	Only for 2400 series. Provided with tape attaching presser foot and tape guide.
4A3 For wool (Square knife with corrugated blade)	Overedging of medium-weight knit, sweaters, bulky material, etc.	MO-2504E-0F6-4A3 MO-2514E-BD6-4A3 MO-2514E-BD7-4A3	
500 For medium- to heavy-weight materials	1-needle overlocking Overedging of medium- to heavy-weight knit, denim, bulky material, etc.	MO-2504E-0F6-500 MO-2504E-0H6-500	
	Imitation safety stitching of medium-weight materials can be done by removing one of the two needles	MO-2512E-CF6-500 MO-2512E-DD6-500 MO-2512E-DF6-500	
	Safety stitching of medium-weight materials, denim, etc.	MO-2516E-BD6-500 MO-2516E-CD6-500 MO-2516E-DD6-500 MO-2516E-DF6-500 MO-2516E-DH6-500 MO-2516E-FF6-500 MO-2516E-FG6-500 MO-2516E-FH6-500	
3B0 Piping & gathering	2-needle overlock piping & gathering	MO-2514E-BD6-3B0 MO-2514E-BD6-3B0/S098	Interlocked with presser foot Operated manually
	Safety stitch piping & gathering	MO-2516E-DD4-3B0 MO-2516E-DD4-3B0/S097	Interlocked with presser foot Operated manually
* 3C0 For Doeskin	For roll-in stitching of Doeskin industrial towels, etc.	MO-2505E-0F5-3C0/K006	1) K006 is exclusively used for Doeskin, and unnecessary when shipped from factory. 2) Only MO-2500 series
* 307 Larger upper looper travel	General-purpose 2-needle overlock machine for light- to medium-weight knit materials	MO-2514E-BD4-307 MO-2514E-BD6-307	Max. speed : 6500 s.p.m.
* 327 Larger upper looper travel Gathering	2-needle overlock machine for gathering	MO-2514E-BD6-327 MO-2514E-BD6-327/S098	
* 337 Larger upper looper travel Piping	2-needle overlock machine for piping	MO-2514E-BD4-337 MO-2514E-BD6-337	

*Before ordering this machine, furnish us with your material samples for our confirmation.

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Code	Application	Subclass Model Name	Remarks
* 3B7 Larger upper looper travel Piping & gathering	2-needle overlock machine for piping & gathering	MO-2514E-BD6-3B7 MO-2514E-BD6-3B7/S098	
* 347 Larger upper looper travel, Tape attaching	2-needle overlock machine for tape attaching	MO-2514E-BD6-347	With tape attaching foot and tape guide (Q056)
306 For JE, With lips	Feed dog with lip, Throat plate with lip	MO-2504B-0D4-306	Soft chain
Attachments	Sleeve placket pattern seamer	MO-2504E-0D5-300/S084B	
	Rolling in chain-off thread	MO-2504B-0D4-300/Z072	

EXAMPLES OF COMBINATION

No.	Examples of combination	Subclass model name
1	Blind hemming attachment + suction-type side cutter	MO-2505E-0D4-210/L012/T023
2	Piping One-touch type chain-off thread cutter	MO-2514E-BD4-330/T006 MO-2516E-DD4-330/T006
3	Gathering (2-needle overlock) Automatic chain-off thread cutter	MO-2514E-BD6-320/T016
4	Manual gathering (2-needle overlock) attachment + One-touch type chain-off thread cutter	MO-2514E-BD6-320/S098/T006
5	Manual gathering (2-needle overlock) attachment + One-touch type chain-off thread cutter + Tape attaching presser foot	MO-2514E-BD6-320/S098/T006/ G02
6	Safety stitching (DD4) + Presser foot for sewing sharp curves	MO-2516E-DD4-300/G12
7	Safety stitching (FF6) + Presser foot for sewing sharp curves	MO-2516E-FF6-500/G13
8	Safety stitching (FF6) + Square knife with corrugated blade + Tractor presser foot	MO-2516E-FF6-503/G09
9	Soft chain + chain-off thread rolling-in attachment	MO-2504B-0D4-300/Z072
10	Safety stitch machine with threader (DD4) + Suction-type flat cutter	MO-2516F-DD4-300/T022
11	Machine for wool + One-touch type chain-off thread cutter (for BD7)	MO-2514E-BD7-4A0/T006 MO-2514E-BD7-4A3/T006

MO-2500 series models are shown as examples.

5.

MO-2500/2400 Series Subclass Machine Lists

The gauge sizes of 1-needle overlock machines, 2-needle overlock machines, and safety stitch machines are grouped so that they may be identified at a glance.

These lists may be conveniently used to locate a subclass machine by gauge size.

Subclass machine list

MO-2500 SERIES 1-Needle Overlock Machine

*Before ordering this machine, furnish us with your material samples for our confirmation.

Description	MO-2501	MO-2502	MO-2503	MO-2504	MO-2505	
Stitch type	501	502	503	504	505	
Gauge size	0A5			MO-2504E-0A5-150		
	0D5			MO-2504E-0D5-300/S084B		
	0F5				*MO-2505E-0F5-3C0/K006	
	0A4		MO-2502E-0A4-150	MO-2504E-0A4-150		
	0C4			MO-2504E-0C4-300		
	0D4		MO-2502E-0D4-200 MO-2502E-0D4-300	MO-2503E-0D4-200 MO-2503E-0D4-300	MO-2504E-0D4-200 MO-2504E-0D4-300 MO-2504S-0D4-300 MO-2504B-0D4-306	MO-2505E-0D4-210 MO-2505E-0D4-210/L012
	0E4			MO-2504E-0E4-300		
	0F4			MO-2503E-0F4-300	MO-2504E-0F4-300	
	0H4				MO-2504E-0H4-300	
	0D6				MO-2504E-0D6-300 MO-2504E-0D6-320 MO-2504E-0D6-320/S098	
	0F6				MO-2504E-0F6-500 MO-2504E-0F6-4A0 MO-2504E-0F6-4A3	
	0H6				MO-2504E-0H6-500	

MO-2500 SERIES 2-Needle Overlock Machine

Description	MO-2506	MO-2507	MO-2512	MO-2514		
Stitch type	506	507	512	514		
Gauge size	ZA5			MO-2514E-ZA5-100		
	XB5			MO-2514E-XB5-100		
	AB4			MO-2514E-AB4-100		
	AC4			MO-2514E-AC4-300		
	AD4			MO-2514E-AD4-300		
	BB4			MO-2514E-BB4-300		
	BD4	MO-2506E-BD4-200 MO-2506E-BD4-300			MO-2514E-BD4-200 MO-2514E-BD4-300 MO-2514E-BD4-330 MO-2514E-BD4-307 MO-2514E-BD4-337	
	BE4			MO-2514E-BE4-300		
	BD6			MO-2514E-BD6-300 MO-2514E-BD6-320 MO-2514E-BD6-320/S098 MO-2514E-BD6-3B0 MO-2514E-BD6-3B0/S098 MO-2514E-BD6-307 MO-2514E-BD6-327 MO-2514E-BD6-327/S098 MO-2514E-BD6-337 MO-2514E-BD6-3B7 MO-2514E-BD6-3B7/S098 MO-2514E-BD6-340 MO-2514E-BD6-347 MO-2514E-BD6-4A0 MO-2514E-BD6-4A3		
	BE6			MO-2514E-BE6-300		

Description	MO-2506	MO-2507	MO-2512	MO-2514	
Stitch type	506	507	512	514	
BD7				MO-2514E-BD7-4A0 MO-2514E-BD7-4A3	
CD4	MO-2506E-CD4-300		MO-2512E-CD4-300	MO-2514E-CD4-300	
CD6			MO-2512E-CD6-300	MO-2514E-CD6-300	
CF6			MO-2512E-CF6-500		
DD6			MO-2512E-DD6-500		
DF6		MO-2507E-DF6-500	MO-2512E-DF6-500		

Gauge size

MO-2500 SERIES Safety Stitch Machine

Description		MO-2515	MO-2516	MO-2540	MO-2543	MO-2545
Stitch type		515	516	540	Special 3-needle safety stitch machine	Special 2-needle double chain stitch machine
Gauge size	AF4		MO-2516E-AF4-300			
	BD4	MO-2515E-BD4-300	MO-2516E-BD4-300 MO-2516E-BD4-320 MO-2516E-BD4-320/S097			
	BF4		MO-2516E-BF6-300			
	BD6		MO-2516E-BD6-500			
	CD4		MO-2516E-CD4-300			
	CF4		MO-2516E-CF4-300			
	CD6		MO-2516E-CD6-500			
	DD4	MO-2515E-DD4-300	MO-2516E-DD4-100 MO-2516E-DD4-300 MO-2516E-DD4-320 MO-2516E-DD4-320/S097 MO-2516E-DD4-330 MO-2516E-DD4-3B0 MO-2516E-DD4-3B0/S097 MO-2516E-DD4-360/N067			MO-2545E-DD4-360/N077
	DE4		MO-2516E-DE4-300			
	DF4		MO-2516E-DF4-300			
	DG4		MO-2516E-DG4-300			
	DH4		MO-2516E-DH4-300			
	DD6		MO-2516E-DD6-320 MO-2516E-DD6-320/S097 MO-2516E-DD6-500			
DF6		MO-2516E-DF6-500				

Description	MO-2515	MO-2516	MO-2540	MO-2543	MO-2545	
Stitch type	515	516	540	Special 3-needle safety stitch machine	Special 2-needle double chain stitch machine	
Gauge size	DH6	MO-2516E-DH6-500				
	ED4				MO-2545E-ED4-360/N077	
	FF6	MO-2515E-FF6-500	MO-2516E-FF6-100 MO-2516E-FF6-320 MO-2516E-FF6-320/S097 MO-2516E-FF6-500			
	FG6		MO-2516E-FG6-500			
	FH6		MO-2516E-FH6-500			
	RH6		MO-2516E-RH6-100 MO-2516E-RH6-320 MO-2516E-RH6-320/S097			
	BBD6				MO-2543E-BBD6-300 MO-2543E-BBD6-340	
	DBD6				MO-2543E-DBD6-300 MO-2543E-DBD6-340	
	FBD6				MO-2543E-FBD6-300 MO-2543E-FBD6-340	

MO-2400 SERIES 1-Needle Overlock Machine

Description	MO-2401	MO-2402	MO-2403	MO-2404	MO-2405	
Stitch type	501	502	503	504	505	
Gauge size	0A5			MO-2404E-0A5-150		
	0D5			MO-2404E-0D5-300/S084B		
	0F5					
	0A4					
	0C4			MO-2404E-0C4-300		
	0D4	MO-2401E-0D4-300	MO-2402-DD4-200	MO-2403E-0D4-200 MO-2403E-0D4-300	MO-2404E-0D4-200 MO-2404E-0D4-300 MO-2404E-0D4-306	MO-2405E-0D4-210 MO-2405E-0D4-210/L012
	0E4			MO-2404E-0E4-300		
	0F4			MO-2403E-0F4-300	MO-2404E-0F4-300	
	0H4					
	0D6				MO-2404E-0D6-300 MO-2404E-0D6-320 MO-2404E-0D6-320/S098	
	0F6				MO-2404E-0F6-500 MO-2404E-0F6-4A0 MO-2404E-0F6-4A3	
	0H6				MO-2404E-0H6-500	

MO-2400 SERIES 2-Needle Overlock Machine

Description	MO-2406	MO-2407	MO-2412	MO-2414	
Stitch type	506	507	512	514	
Gauge size	ZA5				
	XB5				
	AB4				
	AC4				MO-2414E-AC4-300
	AD4				
	BB4				
	BD4	MO-2406E-BD4-200 MO-2406E-BD4-300			MO-2414E-BD4-200 MO-2414E-BD4-300 MO-2414E-BD4-307 MO-2414E-BD4-330 MO-2414E-BD4-337
	BE4				MO-2414E-BE4-300
	BD6				MO-2414E-BD6-300 MO-2414E-BD6-320 MO-2414E-BD6-320/S098 MO-2414E-BD6-3B0 MO-2414E-BD6-3B0/S098 MO-2414E-BD6-4A0 MO-2414E-BD6-4A3 MO-2415E-BD6-307 MO-2414E-BD6-327 MO-2414E-BD6-327/S098 MO-2414E-BD6-337 MO-2414E-BD6-3B7 MO-2414E-BD6-3B7/S098 MO-2414E-BD6-340 MO-2414E-BD6-347
	BE6				MO-2414E-BE6-300

Description	MO-2406	MO-2407	MO-2412	MO-2414	
Stitch type	506	506	512	514	
Gauge size	BD7			MO-2414E-BD7-4A0 MO-2414E-BD7-4A3	
	CD4	MO-2406E-CD4-300		MO-2412E-CD4-300	MO-2414E-CD4-300
	CD6			MO-2412E-CD6-300	MO-2414E-CD6-300
	CF6				
	DD6			MO-2412E-DD6-500	
	DF6		MO-2407E-DF6-500	MO-2412E-DF6-500	

MO-2400 SERIES Safety Stitch Machine

Description	MO-2415	MO-2416	MO-2440	MO-2443	MO-2445	
Stitch type	515	516	540	Special 3-needle safety stitch machine	Special 2-needle double chain stitch machine	
Gauge size	AF4					
	BD4	MO-2415E-BD4-300	MO-2416E-BD4-300 MO-2416E-BD4-320 MO-2416E-BD4-320/S097			
	BF4		MO-2416E-BF4-300			
	BD6					
	CD4		MO-2516E-CD4-300			
	CF4					
	CD6					
	DD4	MO-2415E-DD4-300	MO-2416E-DD4-100 MO-2416E-DD4-300 MO-2416E-DD4-320 MO-2416E-DD4-320/S097 MO-2416E-DD4-330 MO-2416E-DD4-3B0 MO-2416E-DD4-3B0/S097 MO-2416E-DD4-360/N067	MO-2440E-DD4-300		MO-2445E-DD4-360/N077
	DE4		MO-2416E-DE4-300			
	DF4		MO-2416E-DF4-300			
	DG4		MO-2416E-DG4-300			
	DH4		MO-2416E-DH4-300			
	DD6		MO-2416E-DD6-320 MO-2416E-DD6-320/S097 MO-2416E-DD6-500			
	DF6		MO-2416E-DF6-500			
DH6		MO-2416E-DH6-500				

Description	MO-2415	MO-2416	MO-2440	MO-2443	MO-2445
Stitch type	515	516	540	Special 3-needle safety stitch machine	Special 2-needle double chain stitch machine
Gauge size	ED4				MO-2445E-ED4-360/N077
	FF6	MO-2415E-FF6-500	MO-2416E-FF6-100 MO-2416E-FF6-320 MO-2416E-FF6-320/S097 MO-2416E-FF6-500		
	FG6		MO-2416E-FG6-500		
	FH6		MO-2416E-FH6-500		
	RH6		MO-2416E-RH6-100 MO-2416E-RH6-320 MO-2416E-RH6-320/S097		
	BBD6			MO-2443E-BBD6-300 MO-2443E-BBD6-340	
	DBD6			MO-2443E-DBD6-300 MO-2443E-DBD6-340	
	FBD6			MO-2443E-FBD6-300 MO-2443E-FBD6-340	

6.

Adjustment of the Needle Height and Looper Timing

Refer to the adjustment dimensions when changing gauge sizes.

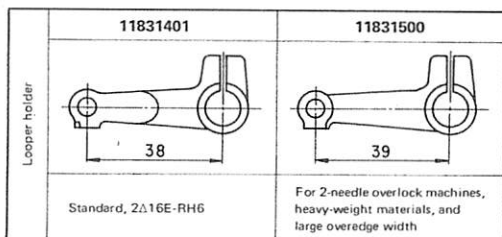
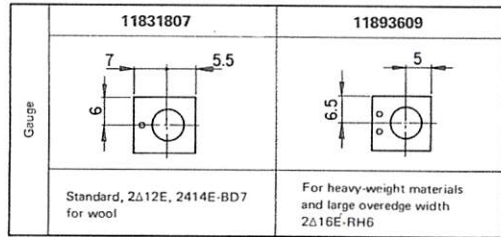
Note that these adjustment values are theoretical values, and may vary somewhat according to sewing requirements.

Perform adjustment in accordance with actual conditions.

Adjustment of the needle height and looper timing

Needle height	Classification			Needle height			Upper looper components					Lower looper components	
	Subclass	Description		1-needle (left)	2-needle (right)	Upper looper height (central value)	Projection of upper looper	Height of pin asm.	Position of guide support	Center-to-center of looper arm	Center-to-center of looper arm	Return of lower looper (central value)	Radius of lower looper
		(A)	(B)	(C)	(D)								
	1-needle overlock machine	2Δ04E	OA5 ~ OF5 OA5 ~ OF5 OD6	10	—	11	4	45.02	7	38 (11831401)	—	4	66.4
		2Δ04E	OF4 ~ OH4 OF6 ~ OH6	10	—	11	4	49.6 46.9	6.5	—	39 (11831500)	4	66.4
		2Δ04E 4A0	OF6	9.5	—	10.2	4.5	47.3	5.5	—	39 (11831500)	3.5	66.9
	2-needle overlock machine	2Δ14E	ZA5 XB5	10	10	11	4	45.02	7	38 (11831401)	—	4	66.4
		2Δ14E	AB4 ~ AD4	10	9.7	10.7	4.8	46.69	7	—	39 (11831500)	4	66.4
		2Δ14E	BB4 ~ BD4 BD6	10	9	10.7	4.8	46.69	7	—	39 (11831500)	4	66.4
		2Δ14E	BE4 BE6	10	9	10.5	4.3	47.3	6.5	—	39 (11831500)	3.2	66.4
		2Δ14E OO7	BD4 ~ BE4 BD6 ~ BE6	10	9	10.3	4.3	47.3	6	—	39 (11831500)	3.5	66.4
		2Δ14E 4A0	BD6 BD7	9.5	8.5	10.2	4.5	47.3	5.5	—	39 (11831500)	3.5	66.9
		2Δ14E	CD4 CD6	10.2	8.9	10.5	4.3	47.3	6.5	—	39 (11831500)	3.2	66.4
		2Δ12E	CD4 CD6	10.5	9.2	10.3	For the right needle 4.3	46.6	5.5	—	39 (11831500)	3.5	66.4
		2Δ12E	CF6	10.5	9.2	10.8	For the right needle 3.6	46.6	6	—	39 (11831500)	2.6	66.4
		2Δ12E	DD6 ~ DF6	10.5	8.9	10.8	For the right needle 4	46.6	6	—	39 (11831500)	2.6	66.4
	Safety stitch machine	2Δ16E	~ ΔE4 ~ ΔE6	10	—	11	4	45.02	7	38 (11831401)	—	4	66.4
		2Δ16E	ΔF4 ~ ΔH4 ΔF6 ~ ΔH6	10	—	11	4	46.9	6.5	—	39 (11831500)	4	66.4
		2Δ16E	RH6	10	—	11	4	46.9	5	38 (11831401)	—	3.5	66.4
		2Δ43E	BBD6 ~ FBD6	10	9	10.2	4.5	47.3	6.5	—	39 (11831500)	4	66.4
		2Δ45E	DD4, ED4	10	—	—	—	—	—	—	—	—	—

(Note)
All dimensions are in millimeter.



7.

MO-2500/2400 Series Subclass Machine Specifications List

- **Standard Subclass Machine Specifications List**

This list covers the specifications, applications, gauge sizes, etc. of all the standard subclass machine models. The standard subclass machines are of stitch types, 504, 514 (or 512), and 516 conforming to Stitch Type Standard, (MO-2504, MO-2514 (or MO-2512), and MO-2516) with different gauge sizes.

For subclass machines of other stitch types than the above three, refer to "List of subclass machines classified by stitch type" on page 31, and "Special usage subclass machine specification list" on page 28.

- **Specifications List of Subclass Machines for Special Applications**

This list shows the specifications and applications of models in which gauge parts or other parts are replaced or added to make the models provide special specifications.

- **Specifications List of Subclass Machines Classified by Stitch Type**

This list describes the specifications and applications of subclass machines other than the standard subclass machines and subclass machines for special applications.

1. MO-2500/2400 Standard subclass machine specifications list

1-Needle Overlock Machine

No.	Model	Sewing speed (s.p.m.)		No. of needles x No. of threads	Needle (standard)	Needle gauge x Overedging width (mm)	Presser lifting amount (mm)	Applications	Remarks
		Upper : Max. speed	Lower : Normal speed						
		MO-2500	MO-2400						
1	MO-2Δ04E-0A5-150	8500 8000	6500 6000	1 x 3	DCx1 #8	0 x 1.6	5	Closing stitch on panty hose toes, and roll-in seaming of extremely light-weight materials in scarfs, etc.	Feed dog with urethane rubber
2	MO-2Δ04E-0A4-150	8500 8000	6500 6000	1 x 3	DCx1 #8	0 x 1.6	5	Roll-in seaming of socks toes, handkerchiefs, longeries, crepe de chine, silk, rayon, nylon, etc.	Feed dog (Standard type)
3	MO-2Δ04E-0C4-300	8500 8000	6500 6000	1 x 3	DCx27 #11	0 x 2.4	7	Overedging of general fabrics, knitwork, jersey, etc.	
4	MO-2Δ04E-0D4-200	8500 8000	6500 6000	1 x 3	DCx27 #9	0 x 3.2	5.5	Overedging of general fabrics, knitwork, jersey, etc. *Especially for those requiring good appearance and touch.	
5	MO-2Δ04E-0D4-300	8500 8000	6500 6000	1 x 3	DCx27 #11	0 x 3.2	7	Overedging of general fabrics, knitwork, jersey, etc. *Especially for those requiring good appearance and touch.	
6	MO-2Δ04E-0E4-300	8500 8000	6500 6000	1 x 3	DCx27 #11	0 x 4.0	7	Overedging of general fabrics, knitwork, medium-weight materials with greater overedging width.	
7	MO-2Δ04E-0F4-300	7500 7000	6500 6000	1 x 3	DCx27 #11	0 x 4.8	7	Overedging of general fabrics, knitwork, medium-weight materials with greater overedging width.	
8	MO-2Δ04E-0H4-300	7500 7000	6500 6000	1 x 3	DCx27 #11	0 x 6.4	7	Overedging of general fabrics, knitwork, medium-weight materials with greater overedging width.	
9	MO-2Δ04E-0D6-300	8500 8000	6500 6000	1 x 3	DCx27 #11	0 x 3.2	7	Overedging of medium-weight general fabrics, knitwork, bulky materials	
10	MO-2Δ04E-0F6-500	7500 7000	6500 6000	1 x 3	DCx27 #14	0 x 4.8	7	Overedging of medium-weight general fabrics, knitwork, bulky materials.	
11	MO-2Δ04E-0H6-500	7500 7000	6500 6000	1 x 3	DCx27 #14	0 x 6.4	7	Overedging of medium-weight general fabrics, knitwork, bulky materials.	

2-Needle Overlock Machines

No.	Model	Sewing speed (s.p.m.)		No. of needles x No. of threads	Needle (standard)	Needle gauge x Overedging width (mm)	Presser lifting amount (mm)	Applications	Remarks
		Upper : Max. speed	Lower : Normal speed						
		MO-2500	MO-2400						
1	MO-2Δ14E-ZA5-100	8500 8000	6500 6000	2 x 4	DCxC46 #9	0.8 x 1.6	5	Seaming of panty hose	One row of feed dog: With urethane rubber
2	MO-2Δ14E-XB5-100	8500 8000	6500 6000	2 x 4	DCxC47 #9	1.2 x 2.0	5	Seaming of panty hose	One row of feed dog: With urethane rubber
3	MO-2Δ14E-AB4-100	8000 7500	6500 6000	2 x 4	DCx3 #9	1.6 x 2.0	6.5	Overedging of knitwork, jersey, and the like	
4	MO-2Δ14E-AD4-300	8000 7500	6500 6000	2 x 4	DCx3 #11	1.6 x 3.2	6.5	Overedging of knitwork, jersey, and the like	
5	MO-2Δ14E-BB4-300	8000 7500	6500 6000	2 x 4	DCx27 #11	2.2 x 2.0	6.5	Overedging of medium-weight materials and knit materials.	
6	MO-2Δ14E-BD4-200	8000 7500	6500 6000	2 x 4	DCx27 #9	2.2 x 3.2	5.5	Overedging of knitwork, medium-weight materials, jersey, and knit materials. *Especially for those requiring good appearance and touch.	
7	MO-2Δ14E-BD4-300	8000 7500	6500 6000	2 x 4	DCx27 #11	2.2 x 3.2	6.5	Overedging of knitwork, medium-weight materials, jersey, and knit materials	
8	MO-2Δ14E-BE4-300	8000 7500	6500 6000	2 x 4	DCx27 #11	2.2 x 4.0	6.5	Overedging of knitwork, medium-weight materials, jersey, and knit materials	
9	MO-2Δ14E-CD4-300	7500 7000	6500 6000	2 x 4	DCx27 #11	2.6 x 3.2	6.5	Overedging of knitwork, medium-weight materials, jersey, and knit materials	
10	MO-2Δ14E-BD6-300	8000 7500	6500 6000	2 x 4	DCx27 #11	2.2 x 3.2	6.5	Overedging of bulky materials, knitwork, jersey, etc.	
11	MO-2Δ14E-BE6-300	8000 7500	6500 6000	2 x 4	DCx27 #11	2.2 x 4.0	6.5	Overedging of bulky materials, knitwork, jersey, etc.	
12	MO-2Δ14E-CD6-300	7500 7000	6500 6000	2 x 4	DCx27 #11	2.6 x 3.2	6.5	Overedging of bulky materials, knitwork, jersey, etc.	
13	MO-2Δ12E-CD4-300	7500 7000	6500 6000	2 x 4	DCx27 #11	2.6 x 3.2	6.5	Overedging of knitwork, medium-weight materials, jersey, and knit materials	Imitation safety stitch
14	MO-2Δ12E-CD6-300	7500 7000	6500 6000	2 x 4	DCx27 #11	2.6 x 3.2	6.5	Overedging of bulky materials, knitwork, jersey, etc.	Imitation safety stitch
15	MO-2Δ12E-CF6-500	7500 7000	6500 6000	2 x 4	DCx27 #14	2.6 x 4.8	6.5	Overedging of medium-weight materials, knitwork, jersey, and knit materials with greater overedging width	Imitation safety stitch
16	MO-2Δ12E-DD6-500	7500 7000	6500 6000	2 x 4	DCx27 #14	3.0 x 3.2	6.5	Overedging of medium-weight materials, general fabrics, etc.	Imitation safety stitch
17	MO-2Δ12E-DF6-500	7500 7000	6500 6000	2 x 4	DCx27 #14	3.0 x 4.8	6.5	Overedging of medium-weight materials, general fabrics, etc. with greater overedging width	Imitation safety stitch

Safety Stitch Machines

No.	Model	Sewing speed (s.p.m.)		No. of needles x No. of threads	Needle (standard)	Needle gauge x Overedging width (mm)	Presser lifting amount (mm)	Applications	Remarks
		Upper : Max. speed Lower : Normal speed	MO-2500						
1	MO-2Δ16E-AF4-300	7000 6500	6500 6000	2 x 5	DCx27 #11	1.6 x 4.8	7	Safety stitching of general fabrics (men's shirts, jersey, knit, etc.)	
2	MO-2Δ16E-BD4-300	7500 6500	6500 6000	2 x 5	DCx27 #11	2.0 x 3.2	7	Safety stitching of general fabrics (men's shirts, jersey, knit, etc.)	
3	MO-2Δ16E-BF4-300	7000 6500	6500 6000	2 x 5	DCx27 #11	2.0 x 4.8	7	Safety stitching of medium-weight materials with greater overedging width	
4	MO-2Δ16E-CD4-300	7500 7000	6500 6000	2 x 5	DCx27 #11	2.5 x 3.2	7	Safety stitching of men's shirts, jersey, etc.	
5	MO-2Δ16E-CF4-300	7000 6500	6500 6000	2 x 5	DCx27 #11	2.5 x 4.8	7	Safety stitching of men's shirts, jersey, etc.	
6	MO-2Δ16E-DD4-100	7500 7000	6500 6000	2 x 5	DCx27 #9	3.2 x 3.2	4.5	Safety stitch overedging of general fabrics and light-weight materials such as georgette	Rear-hinged presser foot
7	MO-2Δ16E-DD4-300	7500 7000	6500 6000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitching of fabrics such as in men's shirts, and knit materials such as jersey	
8	MO-2Δ16E-DE4-300	7500 7000	6500 6000	2 x 5	DCx27 #11	3.2 x 4.0	7	Safety stitching of fabrics such as in men's shirts, and knit materials such as jersey	
9	MO-2Δ16E-DF4-300	7000 6500	6500 6000	2 x 5	DCx27 #11	3.2 x 4.8	7	Safety stitching of fabrics such as in men's shirts, and knit materials such as jersey	
10	MO-2Δ16E-DG4-300	7000 6500	6500 6000	2 x 5	DCx27 #11	3.2 x 5.4	7	Safety stitching of fabrics such as in men's shirts, and knit materials such as jersey	
11	MO-2Δ16E-DH4-300	7000 6500	6500 6000	2 x 5	DCx27 #11	3.2 x 6.4	7	Safety stitching of fabrics such as in men's shirts, and knit materials such as jersey	
12	MO-2Δ16E-BD6-500	7500 7000	6500 6000	2 x 5	DCx27 #16	2.0 x 3.2	7	Smaller needle gauge safety stitching of heavy-weight materials, jersey, etc.	
13	MO-2Δ16E-CD6-500	7500 7000	6500 6000	2 x 5	DCx27 #16	2.5 x 3.2	7	Smaller needle gauge safety stitching of heavy-weight materials, jersey, etc.	
14	MO-2Δ16E-DD6-500	7500 7000	6500 6000	2 x 5	DCx27 #16	3.2 x 3.2	7	Smaller needle gauge safety stitching of heavy-weight materials, jersey, etc.	
15	MO-2Δ16E-DF6-500	7000 6500	6500 6000	2 x 5	DCx27 #16	3.2 x 4.8	7	Safety stitching and powerful feeding of heavy-weight materials.	Feed dog P=2,0 mm
16	MO-2Δ16E-DH6-500	7000 6500	6500 6000	2 x 5	DCx27 #16	3.2 x 6.4	7	Safety stitching and powerful feeding of heavy-weight materials.	Feed dog P=2,0 mm
17	MO-2Δ16E-FF6-100	7000 6500	6500 6000	2 x 5	DCx27 #9	4.8 x 4.8	4.5	Light-weight material safety stitching of general fabrics and georgette with greater needle gauge and overedging width	Rear-hinged presser foot

2. Special usage subclass machine specification list

No.	Model	Sewing speed (s.p.m.)		No. of needles x No. of threads	Needle (standard)	Needle gauge x Overedging width (mm)	Presser lifting amount (mm)	Applications	Remarks
		Upper : Max. speed	Lower : Normal speed						
		MO-2500	MO-2400						
1	MO-2Δ05E-0D4-210	8500 8000	6500 6000	1 x 3	DCx27 #9	0 x 3.2	5.5	Blind hemming of knitwork, jersey, etc.	
2	MO-2Δ05E-0D4-210 /L012	8500 8000	6500 6000	1 x 3	DCx27 #9	0 x 3.2	5.5	Blind hemming of knitwork, jersey, etc.	With L012(Folded-edge control hemming device)
3	MO-2Δ04E-0D6-320	5500 5000	5500 5000	1 x 3	DCx27 #11	0 x 3.2	7	Gathering of light-weight knitwork, broad cloth, etc.	
4	MO-2Δ04E-0D6-320 /S098	5500 5000	5500 5000	1 x 3	DCx27 #11	0 x 3.2	7	Gathering of light-weight knitwork, broad cloth, etc.	Hand type
5	MO-2Δ14E-BD6-320	5500 5000	5500 5000	2 x 4	DCx27 #11	2.2 x 3.2	6.5	Gathering of light-weight knitwork, broad cloth, etc.	
6	MO-2Δ14E-BD6-3B0	5500 5000	5500 5000	2 x 4	DCx27 #11	2.2 x 3.2	6.5	Piping & gathering of light-weight knitwork, broad cloth, etc.	
7	MO-2Δ14E-BD6-320 /S098	5500 5000	5500 5000	2 x 4	DCx27 #11	2.2 x 3.2	6.5	Gathering of light-weight knitwork, broad cloth, etc.	Hand type
8	MO-2Δ14E-BD6-3B0 /S098	5500 5000	5500 5000	2 x 4	DCx27 #11	2.2 x 3.2	6.5	Piping & gathering of light-weight knitwork, broad cloth, etc.	Hand type
9	MO-2Δ16E-BD4-320	5500 5000	5500 5000	2 x 5	DCx27 #11	2.0 x 3.2	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	
10	MO-2Δ16E-BD4-320 /S097	5500 5000	5500 5000	2 x 5	DCx27 #11	2.0 x 3.2	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	Hand type
11	MO-2Δ16E-DD4-320	5500 5000	5500 5000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	
12	MO-2Δ16E-DD4-3B0	5500 5000	5500 5000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitch piping & gathering of light-weight general fabrics, georgette, etc.	
13	MO-2Δ16E-DD4-320 /S097	5500 5000	5500 5000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	Hand type
14	MO-2Δ16E-DD4-3B0 /S097	5500 5000	5500 5000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitch piping & gathering of light-weight general fabrics, georgette, etc.	Hand type
15	MO-2Δ16E-DD6-320	5500 5000	5500 5000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	
16	MO-2Δ16E-DD6-320 /S097	5500 5000	5500 5000	2 x 5	DCx27 #11	3.2 x 3.2	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	Hand type
17	MO-2Δ16E-FF6-320	5500 5000	5500 5000	2 x 5	DCx27 #11	4.8 x 4.8	7	Safety stitch gathering of light-weight general fabrics, georgette, etc. For larger overedging width	

Special usage subclass machine specification list

No.	Model	Sewing speed (s.p.m.)		No. of needles x No. of threads	Needle (standard)	Needle gauge x Overedging width (mm)	Presser lifting amount (mm)	Applications	Remarks
		Upper : Max. speed Lower : Normal speed	MO-2500						
18	MO-2Δ16E-FF6-320 /S097	5500 5000	5500 5000	2 x 5	DCx27 #11	4.8 x 4.8	7	Safety stitch gathering of light-weight general fabrics, georgette, etc.	Hand type
19	MO-2Δ16E-RH6-320	5500 5000	5500 5000	2 x 5	DCx27 #11	6.8 x 6.4	5	Safety stitch gathering of light-weight general fabrics, georgette, etc.	
20	MO-2Δ16E-RH6-320 /S097	5500 5000	5500 5000	2 x 5	DCx27 #11	6.8 x 6.4	5	Safety stitch gathering of light-weight general fabrics, georgette, etc.	Hand type
21	MO-2Δ14E-BD4-330	6500 6000	6500 6000	2 x 4	DCx27 #11	2.2 x 3.2	5	Piping stitch of knitwork, jersey, and the like.	
22	MO-2Δ16E-DD4-330	6500 6000	6500 6000	2 x 5	DCx27 #11	3.2 x 3.2	5	Safety piping stitch of general fabrics, jersey, knit, etc.	
23	MO-2Δ43E-BBD6-300	7000 6500	6500 6000	3 x 6	DCx27 #11	2.0 x 2.2 x 3.2	6	Safety stitch overedging of general fabrics, jersey, knit, etc.	
24	MO-2Δ43E-BBD6-340	7000 6500	6500 6000	3 x 6	DCx27 #11	2.0 x 2.2 x 3.2	6	Safety stitch overedging of general fabrics, jersey, knit, etc.	For tape attaching
25	MO-2Δ43E-DBD6-300	7000 6500	6500 6000	3 x 6	DCx27 #11	3.2 x 2.2 x 3.2	6	Safety stitch overedging of general fabrics, jersey, knit materials, etc.	For tape attaching
26	MO-2Δ43E-DBD6-340	7000 6500	6500 6000	3 x 6	DCx27 #11	3.2 x 2.2 x 3.2	6	Safety stitch overedging of general fabrics, jersey, knit materials, etc.	
27	MO-2Δ43E-FBD6-300	7000 6500	6500 6000	3 x 6	DCx27 #11	4.8 x 2.2 x 3.2	6	Safety stitch overedging of general fabrics, jersey, knit materials, etc.	
28	MO-2Δ43E-FBD6-340	7000 6500	6500 6000	3 x 6	DCx27 #11	4.8 x 2.2 x 3.2	6	Safety stitch overedging of general fabrics, jersey, knit materials, etc.	For tape attaching
29	MO-2Δ16E-DD4-360 /N067	6000 5500	6000 5500	2 x 5	DCx27 #11	3.2 x 3.2	6.5	Attaching double-faced reinforcing tape (Cotton bias tape of 10 mm width is used.)	
30	MO-2Δ45E-DD4-360 /N077	6000 5500	6000 5500	2 x 4	DCx27 #14	3.2 x 3.2	5	Attaching double-faced reinforcing tape (for clean finish top and bottom) (Cotton bias tape of 20mm width is used.)	
31	MO-2Δ45E-ED4-360 /N077	6000 5500	6000 5500	2 x 4	DCx27 #14	3.8 x 3.2	5	Attaching double-faced reinforcing tape (for clean finish top and bottom) (Cotton bias tape of 20mm width is used.)	
32	MO-2Δ04S-0D4-300	8500 8000	6500 6000	1 x 3	DCx27 #11	0 x 3.2	7	For soft chain (for Schiesser)	Throat plate Feed dog } With lips
33	MO-2Δ04E-0D5-300 /S084B	— 2000	— 2000	1 x 3	DCx27 #11	0 x 3.2	7	Pattern-seaming of cuffs and sleeve bottom plackets	
34	MO-2505E-0F5-3C0	8500 8000	6500 6000	1 x 3	DCx27 #14	0 x 4.8	6	Peripheral overedging of Desk in cloths (for roll-in seaming)	

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3. List of subclass machines classified by stitch type

No.	Model	Sewing speed (s.p.m.)		No. of needles x No. of threads	Needle (standard)	Needle gauge x Overedging width (mm)	Presser lifting amount (mm)	Applications	Remarks
		Upper : Max. speed	Lower : Normal speed						
		MO-2500	MO-2400						
1	MO-2Δ02E-0A4-150	8000 7500	6500 6000	1 x 2	DCx1 #8	0 x 1.6	5	Overedging (roll-in seaming) of handkerchiefs, etc. and topstitching of table cloths, etc.	
2	MO-2Δ02E-0D4-200	8000 7500	6500 6000	1 x 2	DCx27 #9	0 x 3.2	5.5	Topstitching and serging	
3	MO-2Δ02E-0D4-300	8000 7500	6500 6000	1 x 2	DCx27 #11	0 x 3.2	7	Topstitching and serging	
4	MO-2Δ03E-0D4-200	8000 7500	6500 6000	1 x 2	DCx27 #9	0 x 3.2	5.5	Blind hemming, serging, and joining	L001 and L012 are used for knitwork
5	MO-2Δ03E-0F4-300	7500 7000	6500 6000	1 x 2	DCx27 #11	0 x 4.8	7	Blind hemming, serging, and joining Only 0D4, serging, and joining	

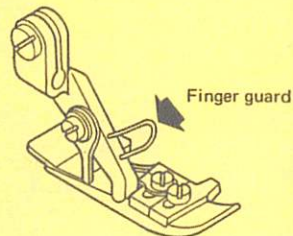
8.

Gauge Parts Lists of Standard Subclass Machine and Subclass Machine for Special Application

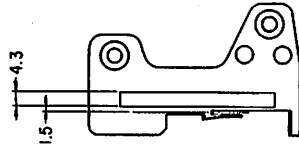
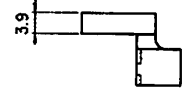
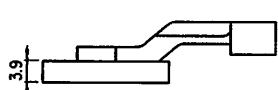
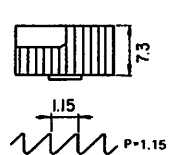
These lists show the parts Nos. and configurations of the gauge parts used for all standard subclass machines and subclass machines for special applications (blind hemming, gathering, piping, 1-needle wool spec., 2-needle wool spec., etc.)

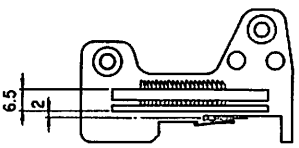
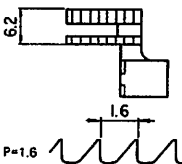
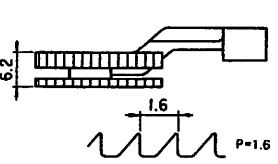
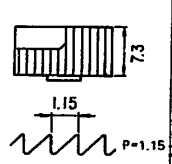
Use proper gauge parts to expand the application range,

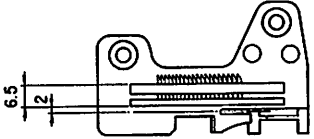
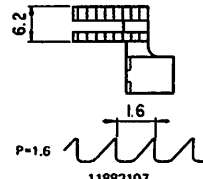
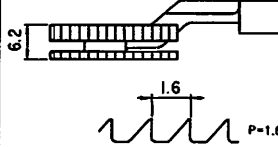
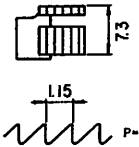
- Note
- 1) For the configurations and dimensions of gauge parts other than throat plates and feed dogs, see "Standard gauge parts list" on page 77.
 - 2) Please note that the column "Other common parts" may show the same thread tension spring asm. For proper use of the thread tension spring asm., see the column "Tension controller asm." in List of Subclass machines Classified by Stitch Type on page 114.
 - 3) All part Nos. of presser foot asm. denote those of presser foot asm. with finger guards.

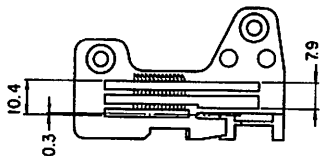
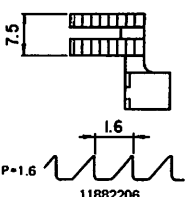
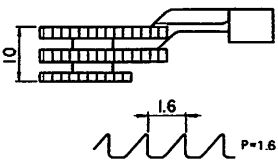
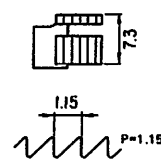


Standard subclass list

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
			 Coated with urethane 11882008		 Coated with urethane 11885001		 11887007		Part No.	Description					
									11890001	Traveling needle guard					
								B31017040B0	Thread tension spring asm., (red)						
								B31027040B0	Thread tension spring asm., (yellow)						
								B31037040B0	Thread tension spring asm., (blue)						
								Special spec. 11845609	Upper knife (flat knife)						
Classification No.	Subclass model name	Gauge parts										Gauge	Looper holder	Needle thread take-up	
1	MO-2A04E-0A5-150	①	R4100H0AC00	11876067	11872009	B1507804C00	11792900	11869005	11888005 11888401	11867108	11845807 11846003	11890100	11831807	11831401	11816006

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
			 11882107		 B165780400T		 11887007		Part No.	Description					
									11890001	Traveling needle guard					
								B31017040B0	Thread tension spring asm., (red)						
								B31027040B0	Thread tension spring asm., (yellow)						
								B31037040B0	Thread tension spring asm., (blue)						
								Special spec. 11845609	Upper knife (flat knife)						
Classification No.	Subclass model name	Gauge parts										Gauge	Looper holder	Needle thread take-up	
2	MO-2A04E-0A4-150	②	R4200H0AC00	11876067	11872009	B1507804C00	11792900	11869005	11888005 11888401	11867108	11845807 11846003	11890100	11831807	11831401	11816006

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts		
												Part No.	Description	
			11882107				B165780400T			11887106		11890001 B31017040B0 B31027040B0 B31037040B0	Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (blue)	
Classification No.	Gauge parts													
Subclass model name	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
3	MO-2Δ04E-0C4-300	R4200H0CD00	11876166	11872009	B1507804C00	B1509804C00	11889005	11888005 11888401	11867108	11845807 11846003	11890100	11831807	11831401	11816006
4	MO-2Δ04E-0D4-200	R4200H0DD00	11881471	11872009	B1507804C00	11874609	11889005	11888005 11888401	11887108	11845807 11846003	11890100	11831807	11831401	11816006
5	MO-2Δ04E-0D4-300	R4200H0DD00	11876166	11872009	B1507804C00	B1509804C00	11889005	11888005 11888401	11867108	11845807 11846003	11890100	11831807	11831401	11816006
6	MO-2Δ04E-0E4-300	R4200H0ED00	11876166	11872009	B1507804C00	B1509804C00	11889005	11888005 11888401	11867207	11845807 11846003	11890100	11831807	11831401	11816006
7	MO-2Δ04E-0F4-300	R4200H0FD00	11876265	11872009	B1507804C00	B1509804C0A	11889005	11888005 11888401	11867207	11845807 11846003	11890100	11893609	11831500	11816006
8	MO-2Δ04E-0H4-300	R4200H0HD00	11876265	11872009	B1507804C00	B1509804C0A	11889005	11888005 11888401	11867207	11845807 11846003	11890100	11893609	11831500	11816006

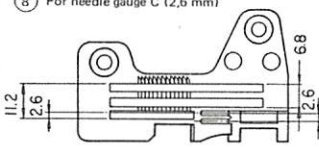
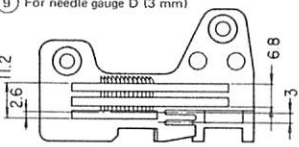
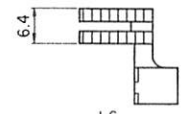
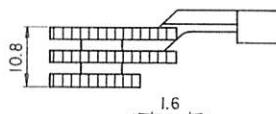
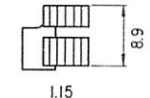
Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts		
												Part No.	Description	
			11882206				11885100			11887106		11890001 B31017040B0 B31027040B0 B31037040B0	Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (blue)	
Classification No.	Gauge parts													
Subclass model name	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
9	MO-2Δ04E-0D6-300	R4300H0DE00	11876384	11872009	11873007	B1509804C00	11889005	11888005 11888401	11867108	11845807 11846003	11890100	11831807	11831401	11816006
10	MO-2Δ04E-0F6-500	R4300H0FE00	11876463	11872009	11873007	B1509804C0A	11889005	11888005 11888401	11867207	11845807 11846003	11890100	11893609	11831500	11816006
11	MO-2Δ04E-0H6-500	R4300H0HE00	11876463	11872009	11873007	B1509804C0A	11889005	11888005 11888401	11867207	11845807 11846003	11890100	11893609	11831500	11816006

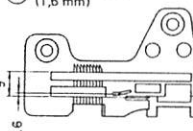
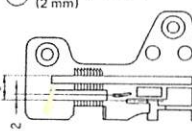
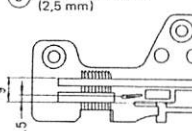
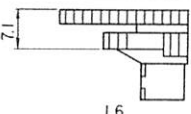
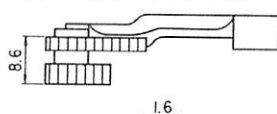
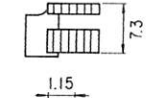
Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
									Part No.	Description					
			Coated with urethane 11882008		Coated with urethane 11885001		11887106 P=1.15		11890001 B31027040B0 B31027040B0 B31027040B0 B31037040B0	Traveling needle guard Thread tension spring asm., (yellow) Thread tension spring asm., (yellow) Thread tension spring asm., (yellow) Thread tension spring asm., (blue)					
Classification No.	Subclass model name	Gauge parts										Special spec. 11845609	Upper knife (flat knife)		
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
1	MO-2Δ14E-ZA5-100	①	R4102H0AK00	11876562	11872009	B1507804C00	11874005	11869153	11888005 11888401	11867108	11845807 11846003	11890209	11831807	11831401	11817301
2	MO-2Δ14E-XB5-100	②	R4103H0BP00	11876562	11872009	B1507804C00	11874005	11869351	11888005 11888401	11867108	11845807 11846003	11890209	11831807	11831401	11817301

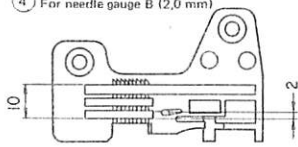
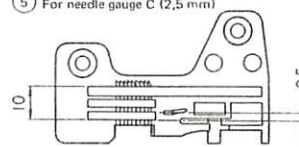
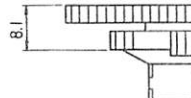
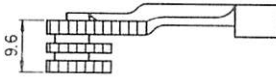
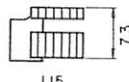
Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
									Part No.	Description					
			11882107 P=1.6		B165780400T P=1.6		11887106 P=1.15		11890001 B31017040B0 B31027040B0 B31037040B0 B31027040B0	Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (blue) Thread tension spring asm., (yellow)					
Classification No.	Subclass model name	Gauge parts										Special spec. 11845609	Upper knife (flat knife)		
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
3	MO-2Δ14E-AB4-100		R4204H08C00	11876661	11872009	B1507804C00	11874104	11869559	11888302 11888401	11867108	11845807 11846003	11890209	11831807	11831500	11817301
4	MO-2Δ14E-AC4-300	③	R4204H0CC00	11876661	11872009	B1507804C00	11874104	11869559	11888302 11888401	11867207	11845807 11846003	11890209	11831807	11831500	11817301
5	MO-2Δ14E-AD4-300		R4204H0DC00	11876661	11872009	B1507804C00	11874104	11869559	11888302 11888401	11867207	11845807 11846003	11890209	11831807	11831500	11817301

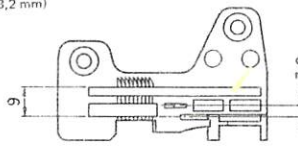
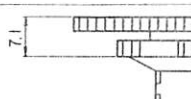
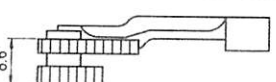

Classification No.	Subclass model name	Gauge parts										Other common parts				
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Part No.	Description		
Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog									
												11890001 Traveling needle guard B31017040B0 Thread tension spring asm., (red) B31027040B0 Thread tension spring asm., (yellow) B31037040B0 Thread tension spring asm., (blue) B31027040B0 Thread tension spring asm., (yellow)				
			11597101		B1657814B0E		11887106					Special spec. 11845609 Upper knife (flat knife)				
	MO-2Δ14E-BB4-300		4	R4205H0BE00	11876760	11872009	B150781400P	11874203	11869658	11888302 11888401	11867207	11845807 11846003	11890308			
	MO-2Δ14E-BD4-200		4	R4205H0DE00	11881570	11872009	B150781400P	11874708	11869658	11888302 11888401	11867207	11845807 11846003	11890308			
MO-2Δ14E-BD4-300		4	R4205H0DE00	11876869	11872009	B150781400P	B150981400P	11869658	11888302 11888401	11867207	11845807 11846003	11890308				
MO-2Δ14E-BE4-300		4	R4205H0EE00	11876869	11872009	B150781400P	B150981400P	11869658	11888302 11888401	11867207	11845807 11846003	11890308				
MO-2Δ14E-CD4-300		5	R4206H0DE00	11876869	11872009	B150781400P	B150981400P	11869757	11888302 11888401	11867207	11845807 11846003	11890308				

Classification No.	Subclass model name	Gauge parts										Other common parts				
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Part No.	Description		
Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog									
												11890001 Traveling needle guard B31017040B0 Thread tension spring asm., (red) B31027040B0 Thread tension spring asm., (yellow) B31037040B0 Thread tension spring asm., (blue) B31027040B0 Thread tension spring asm., (yellow)				
			11882404		B11886504		11887106					Special spec. 11845609 Upper knife (flat knife)				
	MO-2Δ14E-BD6-300		6	R4305H0DE00	11876869	11872009	B150781400P	B150981400P	11869658	11888302 11888401	11867207	11845807 11846003	11890308			
	MO-2Δ14E-BE6-300		6	R4305H0EE00	11876869	11872009	B150781400P	B150981400P	11869658	11888302 11888401	11867207	11845807 11846003	11890308			
MO-2Δ14E-CD6-300		7	R4306H0DE00	11876869	11872009	B150781400P	B150981400P	11869757	11888302 11888401	11867207	11845807 11846003	11890308				

Common parts	Throat plate		Main feed dog				Differential feed dog	Auxiliary feed dog	Other common parts						
	⑧ For needle gauge C (2,6 mm) 		⑨ For needle gauge D (3 mm) 				 P=1.6 11882503	 P=1.6 11790706	 P=1.15 11887205	Part No.	Description				
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)								
14	MO-2Δ12E-CF6-500	⑧	R4306H0FE00	11877065	11872009	11790508	11874401	11869856	11888005 11888401	11867207	11845807 11846003	11890407			
15	MO-2Δ12E-DD6-500	⑨	R4308H0DE00	11877164	11872009	11790508	11790607	11869955	11888005 11888401	11867207	11845807 11846003	11890407			
16	MO-2Δ12E-DF6-500		R4308H0FE00	11877164	11872009	11790508	11790607	11869955	11888005 11888401	11867207	11845807 11846003	11890407			
										Special spec.	Upper knife (flat knife)				
										11845609					

Common parts	Throat plate			Main feed dog			Differential feed dog	Auxiliary feed dog	Other common parts							
	① For needle gauge A (1,6 mm) ② For needle gauge B (2 mm) ③ For needle gauge C (2,5 mm)   			 P=1.6 11882602			 P=1.6 11885209	 P=1.15 11887304	Part No.	Description						
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)									
1	MO-2Δ16E-AF4-300	①	R4504H0FD00	11877263	11872108	B1507816A0A	11875002	11870052	11888005 11888401	11867405	11845807 11846003	11890506 11890605	11890704	11893609	11831500	11816006
2	MO-2Δ16E-BD4-300	②	R4505H0DD00	11877362	11872108	B1507816B0C	11875101	11870151	11888005 11888401	11867306	11845807 11846003	11890506 11890605	11890704	11831807	11831401	11816006
3	MO-2Δ16E-BF4-300		R4505H0FD00	11877362	11872108	B1507816B0C	11875101	11870151	11888005 11888401	11867405	11845807 11846003	11890506 11890605	11890704	11893609	11831500	11816006
4	MO-2Δ16E-CD4-300	③	R4506H0DD00	11877461	11872108	B1507816C0J	11875200	11870250	11888005 11888401	11867306	11845807 11846003	11890506 11890605	11890704	11831807	11831401	11816006
5	MO-2Δ16E-CF4-300		R4506H0FD00	11877461	11872108	B1507816C0J	11875200	11870250	11888005 11888401	11867405	11845807 11846003	11890506 11890605	11890704	11893609	11831500	11816006
										Special spec.	Upper knife (flat knife)					
										11845708						

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts						
	④ For needle gauge B (2,0 mm) 		⑤ For needle gauge C (2,5 mm) 				 11882701			 11885308			 11887304		Part No.		Description	
												11890001 11829405 B31017040B0 B31017040B0 B31037040B0 B31027040B0		Traveling needle guard Double-chain looper Thread tension spring asm., (red) Thread tension spring asm., (red) Thread tension spring asm., (blue) Thread tension spring asm., (yellow)				
												Special spec. 11845609		Upper knife (flat knife)				
Classification No.	Subclass model name	Gauge parts																
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up		
6	MO-2Δ16E-BD6-500	④	R4605H0DF00	11877362	11872108	B1507816B0C	11875101	11870151	11888104 11888401	11867306	11845807 11846003	11890506 11890605	11890704	11831807	11831401	11816006		
7	MO-2Δ16E-CD6-500	⑤	R4605H0DF00	11877461	11872108	B1507816C0J	11875200	11870250	11888104 11888401	11867306	11845807 11846003	11890506 11890605	11890704	11831807	11831401	11816006		

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts				
	⑥ For needle gauge D (3,2 mm) 		 11882800				 11885209			 11887304		Part No.		Description		
												11890001 11829405 B31017040B0 B31027040B0 B31027040B0 B31037040B0		Traveling needle guard Double-chain looper Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (yellow) Thread tension spring asm., (blue)		
												Special spec. 11845708		Upper knife (flat knife)		
Classification No.	Subclass model name	Gauge parts														
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Chain-off thread presser)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
8	MO-2Δ16E-DD4-100	⑥	R4508H0DB00	11879764	11872603	B1507816D0Z	B1508816D0Z	11870359	11888005 11888401	11867306	11845905 11846003	11890506 11890605	11890704	11831807	11831401	11816006

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts				
	⑦ For needle gauge D (3,2 mm)											Part No.		Description		
			11882800				11885209			11887403		Special spec. 11845708		Upper knife (flat knife)		
Classification No.	Subclass model name	Gauge parts														
No.	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up	
9	MO-2Δ16E-DD4-300	R4508H0DD00	11877578	11872108	B1507816000	11875309	11870359	11888005 11888401	11867306	11845906 11846003	11890506 11890605	11890704	11831807	11831401	11816006	
10	MO-2Δ16E-DE4-300	R4508H0ED00	11877578	11872108	B1507816000	11875309	11870359	11888005 11888401	11867405	11845906 11846003	11890506 11890605	11890704	11831807	11831401	11816006	
11	MO-2Δ16E-DF4-300	R4508H0FD00	11877578	11872108	B1507816000	11875309	11870359	11889005 11888401	11867405	11845906 11846003	11890506 11890605	11890704	11893609	11831500	11816006	
12	MO-2Δ16E-DG4-300	R4508H0GD00	11877578	11872108	B1507816000	11875309	11875350	11888005 11888401	11867405	11845906 11846003	11890506 11890605	11890704	11893609	11831500	11816006	
13	MO-2Δ16E-DH4-300	R4508H0HD00	11877578	11872108	B1507816000	11875309	11870359	11888005 11888401	11867405	11845906 11846003	11890506 11890605	11890704	11893609	11831500	11816006	

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts				
	⑧ For needle gauge D (3,2 mm)											Part No.		Description		
			11882909				11885308			11887304		Special spec. 11845609		Upper knife (flat knife)		
Classification No.	Subclass model name	Gauge parts														
No.	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up	
14	MO-2Δ16E-DD6-500	R4608H0DF00	11877578	11872108	B1507816000	11875309	11870359	11888104 11888401	11867306	11845807 11846003	11890506 11890605	11890704	11831807	11831401	11816006	

Classification No.	Subclass model name	Gauge parts											Other common parts																		
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Part No.		Description																
													Needle guard	Gauge	Looper holder	Needle thread take-up															
		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Throat plate</p> </div> <div style="text-align: center;"> <p>Main feed dog</p> <p>11883006</p> </div> <div style="text-align: center;"> <p>Differential feed dog</p> <p>11885407</p> </div> <div style="text-align: center;"> <p>Auxiliary feed dog</p> <p>11887304</p> </div> </div>											<p>Other common parts</p> <table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>11890001</td> <td>Traveling needle guard</td> </tr> <tr> <td>11829405</td> <td>Double-chain looper</td> </tr> <tr> <td>B3101704080</td> <td>Thread tension spring asm., (red)</td> </tr> <tr> <td>B3101704080</td> <td>Thread tension spring asm., (red)</td> </tr> <tr> <td>B3103704080</td> <td>Thread tension spring asm., (blue)</td> </tr> <tr> <td>B3102704080</td> <td>Thread tension spring asm., (yellow)</td> </tr> </tbody> </table>					Part No.	Description	11890001	Traveling needle guard	11829405	Double-chain looper	B3101704080	Thread tension spring asm., (red)	B3101704080	Thread tension spring asm., (red)	B3103704080	Thread tension spring asm., (blue)	B3102704080	Thread tension spring asm., (yellow)
Part No.	Description																														
11890001	Traveling needle guard																														
11829405	Double-chain looper																														
B3101704080	Thread tension spring asm., (red)																														
B3101704080	Thread tension spring asm., (red)																														
B3103704080	Thread tension spring asm., (blue)																														
B3102704080	Thread tension spring asm., (yellow)																														
		<p>Special spec.</p> <p>11845609 Upper knife (flat knife)</p>																													
18	MO-2Δ16E-FF6-500	11	R4612H0FG00	11877768	11872207	B1507816F0D	11875507	11870458	11888104 11888401	11867405	11845807 11846003	11890506 11890605	11890704	11893609	11831500	11816006															
19	MO-2Δ16E-FG6-500	11	R4612H0GG00	11877768	11872207	B1507816F0D	11875507	11870458	11888104 11888401	11867405	11845807 11846003	11890506 11890605	11890704	11893609	11831500	11816006															
20	MO-2Δ16E-FH6-500		R4612H0HG00	11877768	11872207	B1507816F0D	11875507	11870458	11888104 11888401	11867405	11845807 11846003	11890506 11890605	11890704	11893609	11831500	11816006															

Classification No.	Subclass model name	Gauge parts											Other common parts																		
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Part No.		Description																
													Needle guard	Gauge	Looper holder	Needle thread take-up															
		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Throat plate</p> </div> <div style="text-align: center;"> <p>Main feed dog</p> <p>11884004</p> </div> <div style="text-align: center;"> <p>Differential feed dog</p> <p>11886009</p> </div> <div style="text-align: center;"> <p>Auxiliary feed dog</p> <p>11887403</p> </div> </div>											<p>Other common parts</p> <table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>11890001</td> <td>Traveling needle guard</td> </tr> <tr> <td>11829405</td> <td>Double-chain looper</td> </tr> <tr> <td>B3101704080</td> <td>Thread tension spring asm., (red)</td> </tr> <tr> <td>B3102704080</td> <td>Thread tension spring asm., (yellow)</td> </tr> <tr> <td>B3102704080</td> <td>Thread tension spring asm., (yellow)</td> </tr> <tr> <td>B3103704080</td> <td>Thread tension spring asm., (blue)</td> </tr> </tbody> </table>					Part No.	Description	11890001	Traveling needle guard	11829405	Double-chain looper	B3101704080	Thread tension spring asm., (red)	B3102704080	Thread tension spring asm., (yellow)	B3102704080	Thread tension spring asm., (yellow)	B3103704080	Thread tension spring asm., (blue)
Part No.	Description																														
11890001	Traveling needle guard																														
11829405	Double-chain looper																														
B3101704080	Thread tension spring asm., (red)																														
B3102704080	Thread tension spring asm., (yellow)																														
B3102704080	Thread tension spring asm., (yellow)																														
B3103704080	Thread tension spring asm., (blue)																														
		<p>Special spec.</p> <p>11845609 Upper knife (flat knife)</p>																													
21	MO-2Δ16E-RH6-100	12	R4617H0HB00	11880960	11872603	11873205	11875606	11870557	11888005 11888401	11867504	11845807 11846003	11890506 11890605	11890704	11893609	11831401	11816006															

(For gathering & piping)

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts			
	③ For needle gauge B (2,2 mm)											Part No.	Description		
			11883402				81657814B0L			11887106		11890001	Traveling needle guard		
												831017040B0	Thread tension spring asm., (red)		
												831027040B0	Thread tension spring asm., (yellow)		
												831037040B0	Thread tension spring asm., (blue)		
												831027040B0	Thread tension spring asm., (yellow)		
												Special spec. 11845609		Upper knife (flat knife)	
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)								
5	MO-2Δ14E-BD6-320		R4305H0DE0A	11879368	11872009	B1507804R0C	B150981400P	11889658	11888302 11888401	11867207	11845807 11846003	11890308	11831807	11831500	11817301
6	MO-2Δ14E-BD6-380		R4305H0DE0A	11879061	11872405	B1507814B0D	-	11869658	11888302 11888401	11867207	11845807 11846003	11890308	11831807	11831500	11817301
7	MO-2Δ14E-BD6-320/ S098	③	R4305H0DE0A	11879368	11872009	B1507804R0C	B150981400P	11869658	11888302 11888401	11867207	11845807 11846003	11890308	11831807	11831500	11817301
8	MO-2Δ14E-BD6-380/ S098		R4505H0DE0A	11879061	11872405	B1507814B0D		11869658	11888302 11888401	11867207	11845807 11846003	11890308	11831807	11831500	11817301

(For gathering)

Common parts	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts				
	④ For needle gauge B (2,0 mm)											Part No.	Description			
			11883709				11885704			11887304		11890001	Traveling needle guard			
												11829405	Double-chain looper			
												831017040B0	Thread tension spring asm., (red)			
												831027040B0	Thread tension spring asm., (yellow)			
												831027040B0	Thread tension spring asm., (yellow)			
												831037040B0	Thread tension spring asm., (blue)			
												Special spec. 11845609		Upper knife (flat knife)		
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)									
9	MO-2Δ16E-BD4-320	④	R4505H0DD00	11879566	11872108	B1507816B0N	11875101	11870151	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807	11831401	11816006
10	MO-2Δ16E-BD4-320/ S097		R4505H0DD00	11879566	11872108	B1507816B0N	11875101	11870151	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807	11831401	11816006

(For gathering & piping) (For gathering)

Classification No.	Subclass model name	Gauge parts											Other common parts			
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
		11	MO-2Δ16E-DD4-320	5	R4508H0DD00	11879665	11872108	B1507816D0F	11875309	11870359	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807
12	MO-2Δ16E-DD4-3B0	5	R4508H0DD00	11880069	11872405	B1507816D0U	-	11870359	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807	11831401	11816006
13	MO-2Δ16E-DD4-320/ S097	5	R4508H0DD00	11879665	11872108	B1507816D0F	11875309	11870359	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807	11831401	11816006
14	MO-2Δ16E-DD4-3B0/ S097	5	R4508H0DD00	11880069	11872405	B1507816D0U	-	11870359	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807	11831401	11816006

(For gathering)

Classification No.	Subclass model name	Gauge parts											Other common parts			
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
		15	MO-2Δ16E-DD6-320	6	R4608H0DF00	11879665	11872108	B1507816D0F	11875309	11870359	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807
16	MO-2Δ16E-DD6-320/ S097	6	R4608H0DF00	11879665	11872108	B1507816D0F	11875309	11870359	11888005 11888401	11867306	11845807 11846003	11890506 11890605	B4120816D0BA	11831807	11831401	11816006

(For gathering)

Classification No.	Subclass model name	Gauge parts											Other common parts			
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
		17	MO-2Δ16E-FF6-320	⑦	R4612H0FB00	11880465	11872207	B1507816F0G	11875507	11870458	11888005 11888401	11867405	11845807 11846003	11890506 11890605	B4120816F0CA	11893809
18	MO-2Δ16E-FF6-320/ S097	⑦	R4612H0FB00	11880465	11872207	B1507816F0G	11875507	11870458	11888005 11888401	11867405	11845807 11846003	11890506 11890605	B4120816F0CA	11893609	11831500	11816006

(For gathering)

Classification No.	Subclass model name	Gauge parts											Other common parts			
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up
		19	MO-2Δ16E-RH6-320	⑧	R4617H0HB00	11880861	11872207	B1507816R0B	11875705	11870557	11888005 11888401	11867504	11845807 11846003	11890506 11890605	B4120816R0A	11893609
20	MO-2Δ16E-RH6-320/ S097	⑧	R4617H0HB00	11880861	11872207	B1507816R0B	11875705	11870557	11888005 11888401	11867504	11845807 11846003	11890506 11890605	B4120816R0A	11893609	11831401	11816006

3-needle safety stitch machine (For tape attaching)

Common part	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts					
	(11) For needle gauge BB (2 x 2.2 mm)		11882701				11885308			11887304		Part No.	Description				
												11890001	Traveling needle guard				
												11829405	Double-chain looper				
												B31017040B0	Thread tension spring asm., (red)				
												B31017040B0	Thread tension spring asm., (red)				
												B31027040B0	Thread tension spring asm., (yellow)				
												B31037040B0	Thread tension spring asm., (blue)				
												B31027040B0	Thread tension spring asm., (yellow)				
												Special spec. 11845609	Upper knife (flat knife)				
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up	
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)										
23	MO-2A43E-BBD6-300		R4605H0DE01	11877867	11872108	B1507843B00	11875101	11870656	11888302 11888401	11867405	11845807 11846003	11890506 11890803	11890704	11893609	11831500	11817301	
24	MO-2A43E-BBD6-340	(11)	R4605H0DE01	(G05) 11881067	11872108	11873304	11875101	11870656	11888302 11888401	11867405	11845807 11846003	11890506 11890803	11890704	11893609	11831500	11817301	

3-needle safety stitch machine (For tape attaching)

Common part	Throat plate		Main feed dog				Differential feed dog			Auxiliary feed dog		Other common parts					
	(12) For needle gauge DB (3.2 x 2.2 mm)		11882305				11886009			11887403		Part No.	Description				
												11890001	Traveling needle guard				
												11829405	Double-chain looper				
												B31017040B0	Thread tension spring asm., (red)				
												B31017040B0	Thread tension spring asm., (red)				
												B31027040B0	Thread tension spring asm., (yellow)				
												B31037040B0	Thread tension spring asm., (blue)				
												B31027040B0	Thread tension spring asm., (yellow)				
												Special spec. 11845609	Upper knife (flat knife)				
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Gauge	Looper holder	Needle thread take-up	
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Rear presser foot)										
25	MO-2A43E-DBD6-300		R4608H0DE01	11877966	11872108	B1507843000	11875408	11870755	11888302 11888401	11867405	11845807 11846003	11890506 11890803	11890704	11893609	11831500	11817301	
26	MO-2A43E-DBD6-340	(12)	R4608H0DE01	(G06) 11881166	11872108	11873403	11875408	11870755	11888302 11888401	11867405	11845807 11846003	11890506 11890803	11890704	11893609	11831500	11817301	

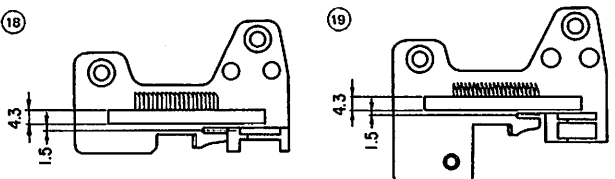
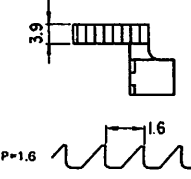
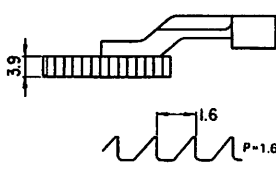
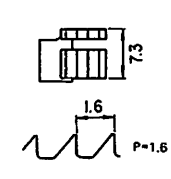
Double chain stitch (For rolling in tape)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts			
									Part No.	Description		
Classification No.	Subclass model name		Gauge parts		Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Needle guard	Looper holder	Needle thread take-up
	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)							
30	MO-2Δ45E-DD4-360/ N077	(15) R4808H0DE00	11881661	11872405	11873601	11870953	-	11867603	11845807 11846003	11890902 11891009	11890506 11890704	
31	MO-2Δ45E-ED4-360/ N077	(16) R4810H0DE00	11878162	11872405	B1507845E00	11870953	-	11867603	11845807 11846003	11890902 11891009	11890506 11890704	

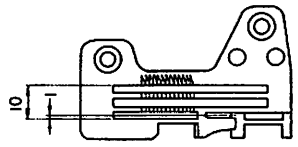
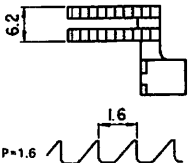
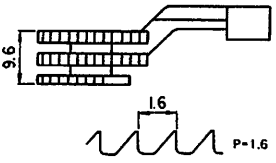
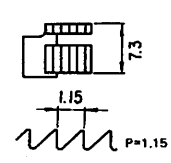
(For schiesser specification)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts			
									Part No.	Description		
Classification No.	Subclass model name		Gauge parts		Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)						
32	MO-2504S-0D4-300	(17) R4200H0DD0C	11876166	11872009	B1507804C00	B1509804C00	11869005	11888005 11888401	11867108	11845807 11846003	11890100	11831807 11831401 11816006

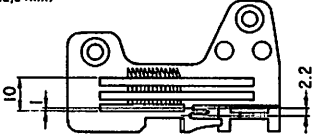
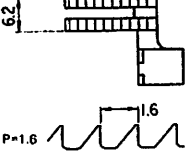
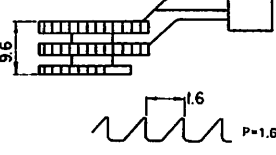
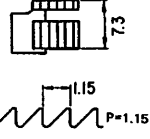
(For doeskin & pattern seamer)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
									Part No.	Description					
									11890001 MO-2A04 B31017040B0 B31027040B0 B31037040B0 MO-2505 B31037040B0 B31027040B0 B31027040B0	Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (blue) Thread tension spring asm., (blue) Thread tension spring asm., (yellow) Thread tension spring asm., (yellow)					
			11883105		B165280400V		11887502		Special spec. 11845609	Upper knife (flat knife)					
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
33	MO-2A04E-0D5-300/ S084B	18	R4100H0DD00	11878261	11872306	B1507804C0C	B1509804S0B	11869005	11888005 11888401	11867108	11845807 11845003	11890100	11831807	11831401	11816006
34	MO-2505E-0F5-3C0	19	R4100H0FE0A	11878380	-	11873106	11791803	11869005	11888005 11888401	11867207	- 11846003	11890100	11831807	11831401	11816006

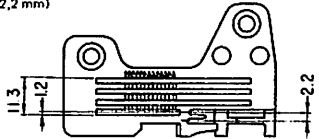
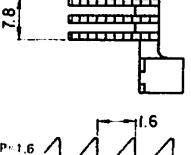
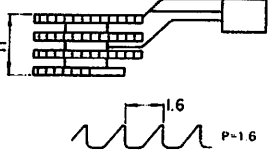
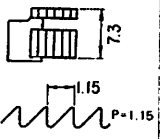
(For 1-needle, sewing wool)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
									Part No.	Description					
									11890001 B31017040B0 B31037040B0 B31027040B0	Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (blue) Thread tension spring asm., (yellow)					
			11882404		B165781480H		11887106		Special spec. 11845609	Upper knife (flat knife)					
Classification No.	Subclass model name	Gauge parts						Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
35	MO-2A04E-0F6-4A0	20	R4300H0FE0A	11878964	11872009	B1507814B0B	B1509804C0B	11869005	11888203 11888500	11867207	11845807 11897501	11890100	11831807	11831500	11816006
36	MO-2A04E-0F6-4A3	20	R4300H0FE0A	11878964	11872009	B1507814B0B	B1509804C0B	11869005	11888203 11888500	11867207	B411180400E 11897501	11890100	11831807	11831500	11816006

(For 2-needle, sewing wool)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
	Part No.		Description		Part No.		Description		Part No.		Description				
							11890001 B31017040B0 B31027040B0 B31037040B0 B31027040B0		Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (blue) Thread tension spring asm., (yellow)		Special spec. 11845609 Upper knife (flat knife)				
	Gauge parts														
Classification No.	Subclass model name	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
37	MO-2A14E-BD6-4A0	(21)	R4305H0DE00	11879269	11872009	B150781480B	B150981480B	11869658	11888203 11888500	11867207	11845807 11897501	11890308	11831807	11831500	11817301
38	MO-2A14E-BD6-4A3	(21)	R4305H0DE00	11879269	11872009	B150781480B	B150981480B	11869658	11888203 11888500	11867207	B411180400E 11897501	11890308	11831807	11831500	11817301

(For 2-needle, sewing wool)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
	Part No.		Description		Part No.		Description		Part No.		Description				
							11890001 B31017040B0 B31027040B0 B31037040B0 B31027040B0		Traveling needle guard Thread tension spring asm., (red) Thread tension spring asm., (yellow) Thread tension spring asm., (blue) Thread tension spring asm., (yellow)		Special spec. 11845609 Upper knife (flat knife)				
	Gauge parts														
Classification No.	Subclass model name	No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
39	MO-2A14E-BD7-4A0	(22)	R4405H0DE00	11879251	11872009	B150781480B	B150981480B	11869658	11888203 11888500	11867207	11845807 11897501	11890308	11831807	11831500	11817301
40	MO-2A14E-BD7-4A3	(22)	R4405H0DE00	11879251	11872009	B150781480B	B150981480B	11869658	11888203 11888500	11867207	B411180400E 11897501	11890308	11831807	11831500	11817301

(For chain-off thread rolling-in device)

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
	Part No.		Description		Part No.		Description		Part No.		Description				
③									11890001	Traveling needle guard					
									B31017040B0	Thread tension spring asm., (red)					
									B31027040B0	Thread tension spring asm., (yellow)					
										B31037040B0	Thread tension spring asm., (blue)				
Classification No.	Subclass model name	Gauge parts													
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up
43	MO-2A04E-0D4-306/ Z072	③	R4200H2DD0F	11876158	11872009	B1507804C00	B1509804C00	11869005	11888005 11888401	11887108	11845807 11846003	11880100	11831807	11831401	11816006

Common parts	Throat plate		Main feed dog		Differential feed dog		Auxiliary feed dog		Other common parts						
	Part No.		Description		Part No.		Description		Part No.		Description				
										Specifications					
Classification No.	Subclass model name	Gauge parts													
		No.	Throat plate	Presser foot asm.	(Presser foot hinge)	(Presser foot)	(Stitch tongue)	Needle clamp	Upper looper Lower looper	Chip guard cover	Upper knife Lower knife	Needle guard	Gauge	Looper holder	Needle thread take-up

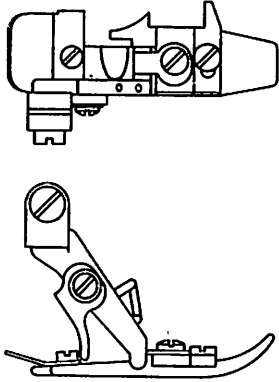
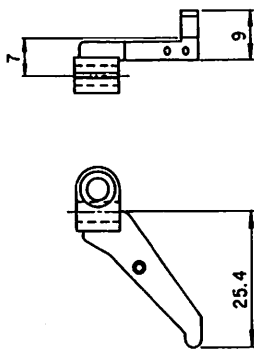
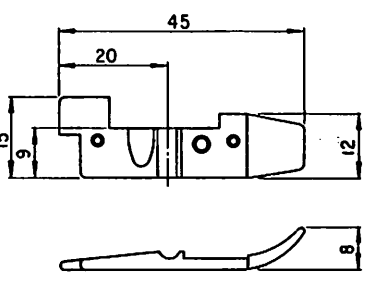
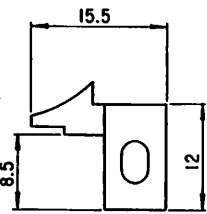
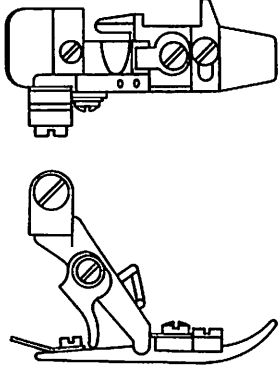
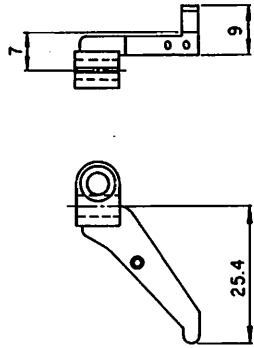
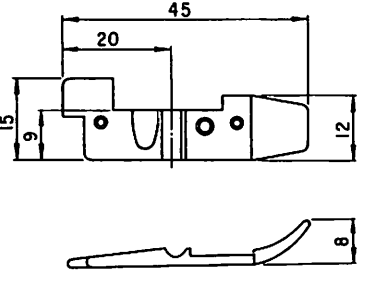
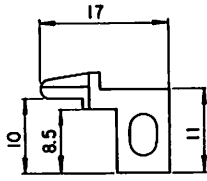
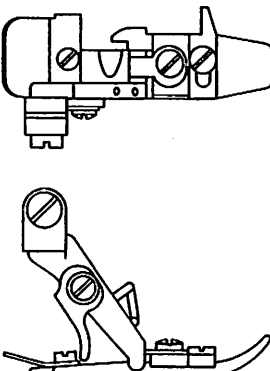
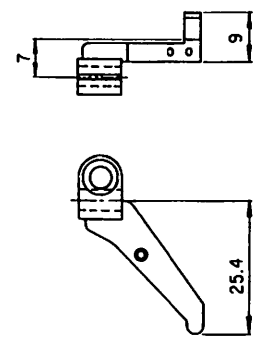
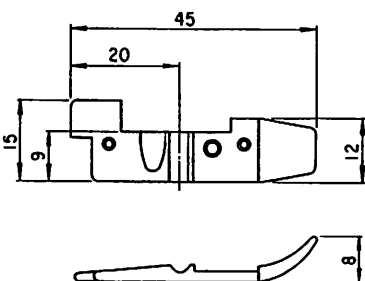
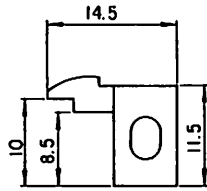
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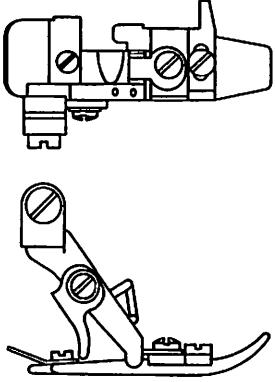
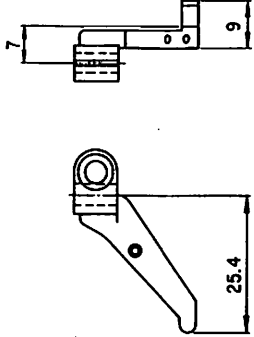
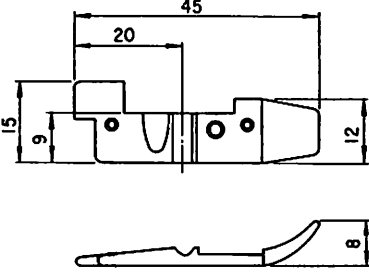
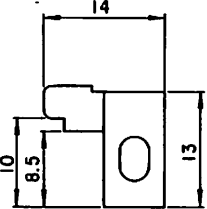
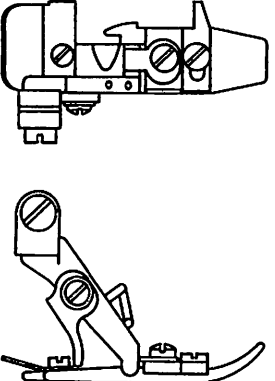
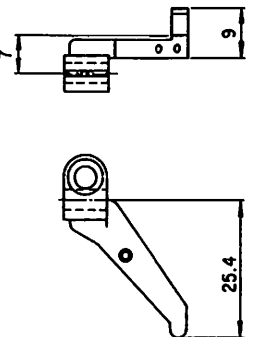
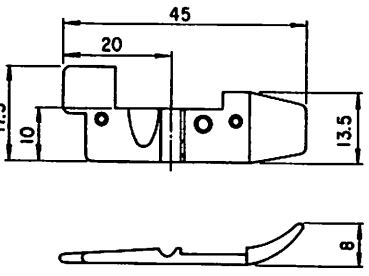
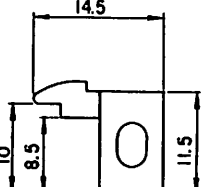
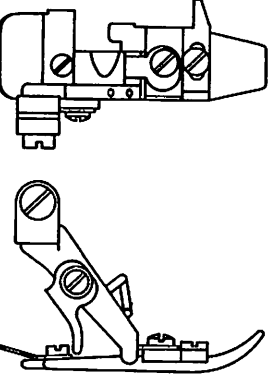
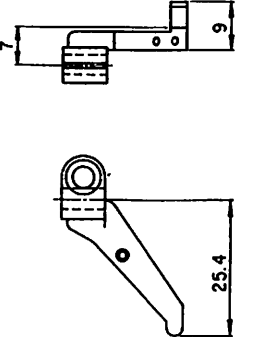
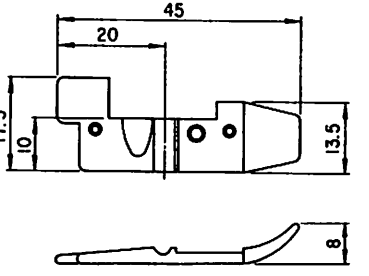
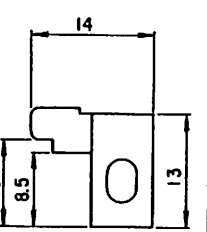
Standard Gauge Parts Lists

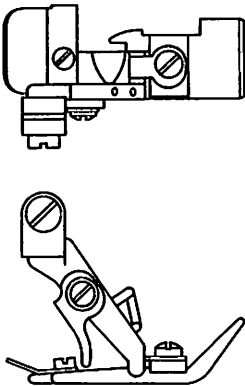
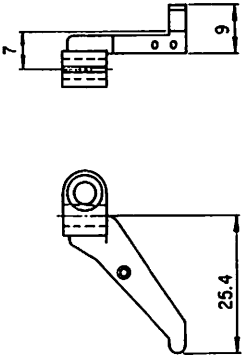
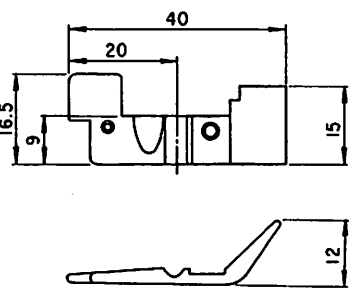
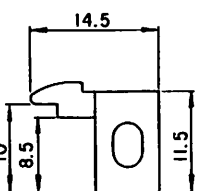
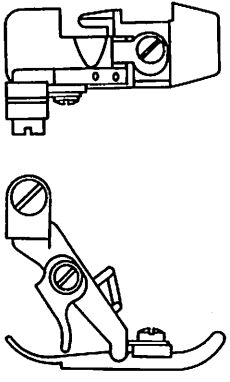
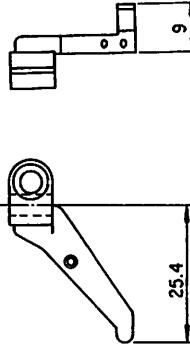
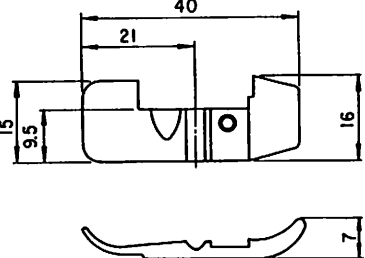
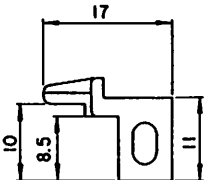
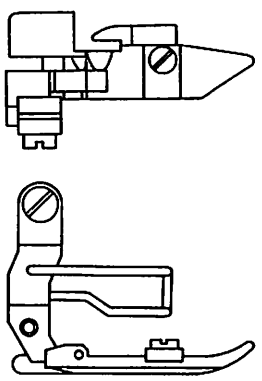
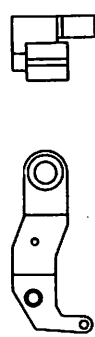
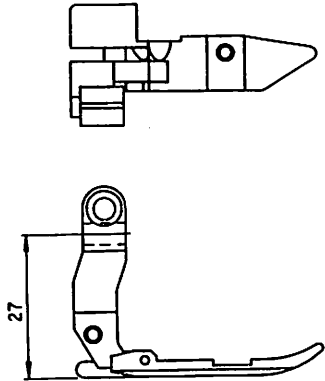
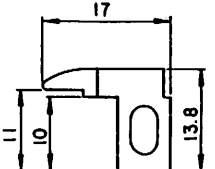
These lists contain the configurations, applications, etc. of presser feet, needle clamps, needle guards, loopers, and tip guard covers out of all the standard gauge parts.

- Remarks
- 1) The standard gauge parts means gauge parts used for standard subclass machines.
 - 2) The column "Applicable model" shows the model names of subclass machines for which the gauge parts are used.
 - 3) The column "Simultaneous replacement parts" shows parts that must be replaced at the same time when that part is used.
 - 4) For throat plates, main feed dogs, differential feed dogs, and auxiliary feed dogs see Standard Subclass Gauge Parts List.

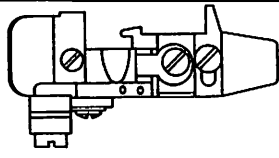
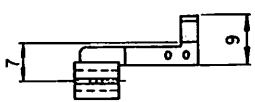
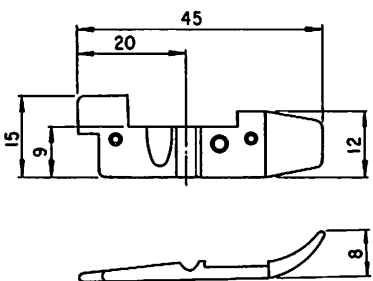
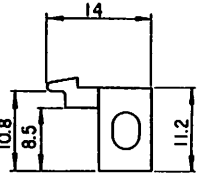
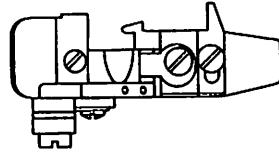
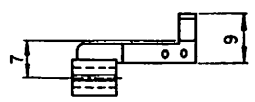
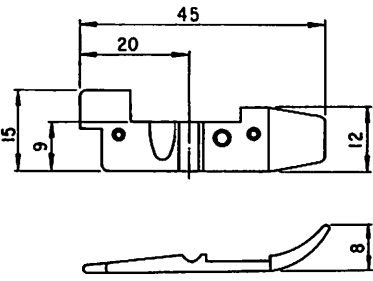
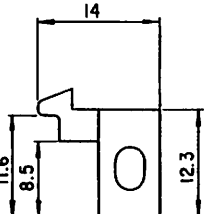
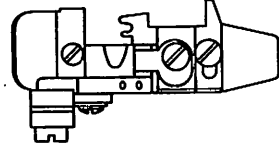
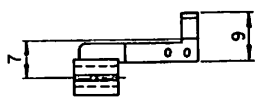
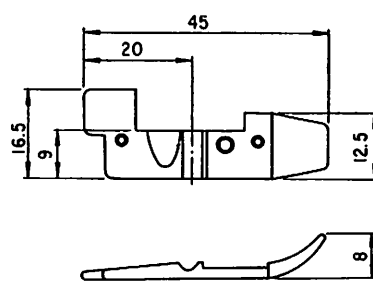
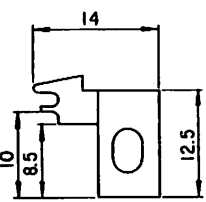
MO-2504/2404 Standard presser foot list

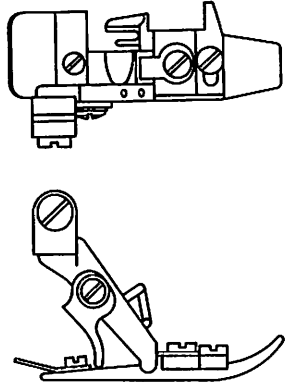
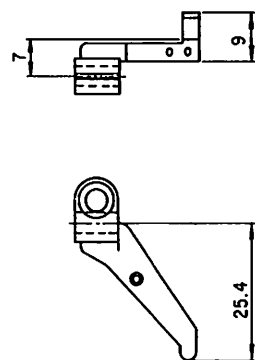
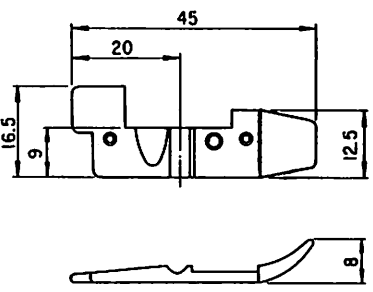
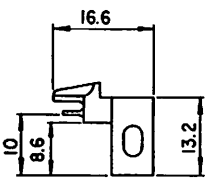
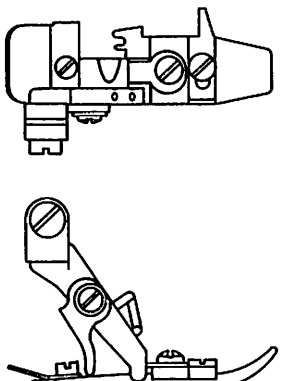
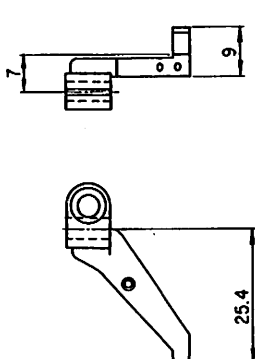
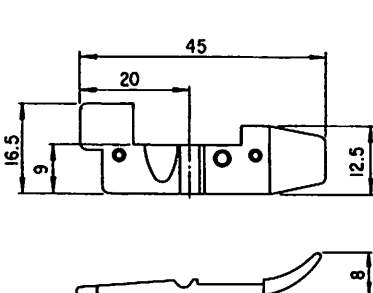
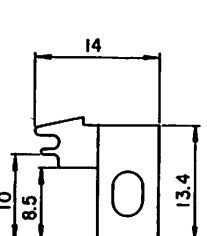
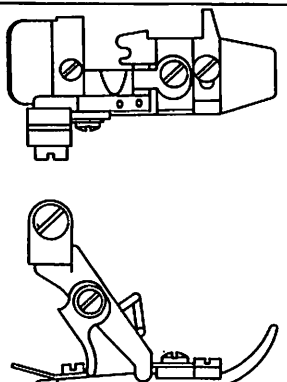
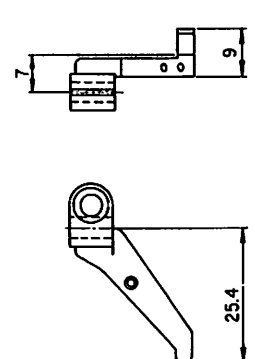
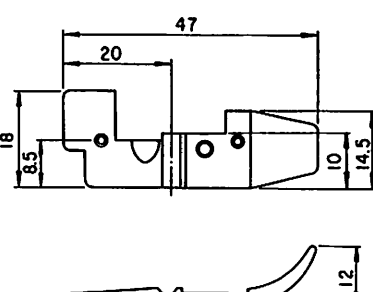
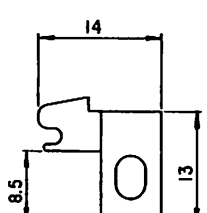
No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
1	 <p>11876067</p>	 <p>11872009</p>	 <p>B1507804C00</p>	 <p>11792900</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0A5-150 MO-2Δ02E-0A4-150 MO-2Δ04E-0A4-150		Rolling-in stitch of light-weight material in panty hoses, handkerchiefs, and scarfs.	
2	 <p>11881471</p>	 <p>11872009</p>	 <p>B15078040C00</p>	 <p>11874609</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0D4-200		For general fabrics, knitwork, jersey, and the like. *Suited for those requiring especially better appearance and touch.	
3	 <p>11876166</p>	 <p>11872009</p>	 <p>B1507804C00</p>	 <p>B1509804C00</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0C4-300 MO-2Δ02E-0D4-300 MO-2Δ04E-0D4-300 MO-2Δ04E-0E4-300		1-needle overedging of general fabrics, knitwork, jersey, and the like. Feed dog in 2 rows.	

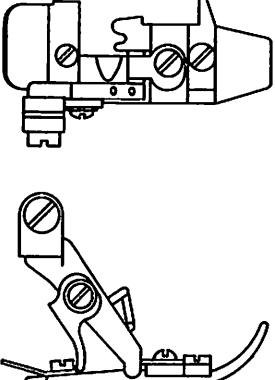
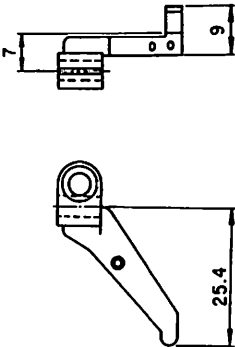
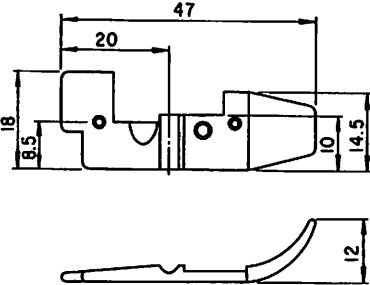
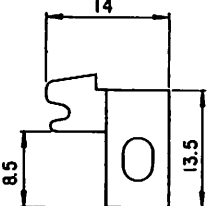
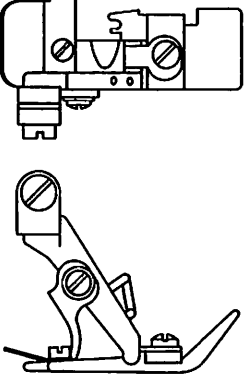
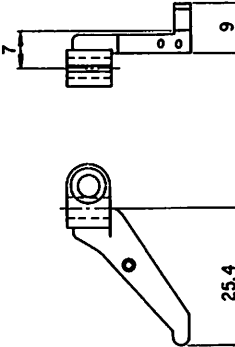
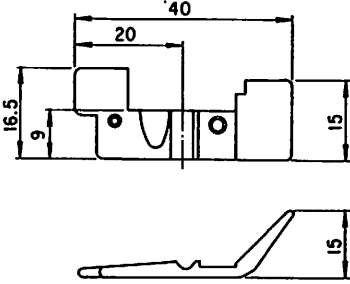
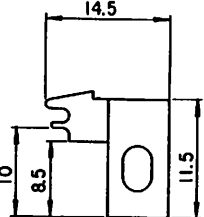
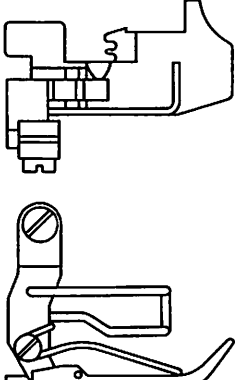
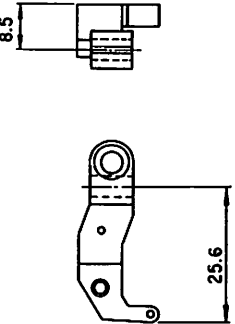
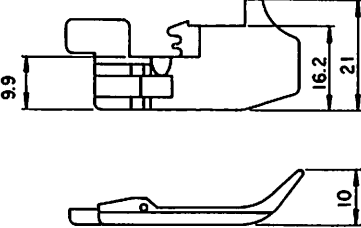
No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
4	 <p>11876265</p>	 <p>11872009</p>	 <p>B1507804C00</p>	 <p>B1509804C0A</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ03E-0F4-300 MO-2Δ04E-0F4-300 MO-2Δ04E-0H4-300		1-needle wider overedging of general fabrics, knitwork, jersey, and the like.	
5	 <p>11876364</p>	 <p>11872009</p>	 <p>11873007</p>	 <p>B1509804C00</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0D6-300		1-needle overedging of medium-weight general fabrics, knitwork, bulky materials, etc.	
6	 <p>11876463</p>	 <p>11872009</p>	 <p>11873007</p>	 <p>B1509804C0A</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0F6-500 MO-2Δ04E-0H6-500		1-needle overedging of medium-weight general fabrics, knitwork, bulky materials, etc.	

No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
7	 <p>11878865</p>	 <p>11872009</p>	 <p>B1507804R0C</p>	 <p>B1509804C00</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0D6-320		Gathering presser foot for light-weight knitwork, broad cloth, etc.	Throat plate : R430OH0DD0A Main feed dog : 11883402 Differential feed dog : B1657814B0L
8	 <p>11877362</p>	 <p>11872009</p>	 <p>B1507805000A</p>	 <p>11874807</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ05E-0D4-210		Blind hemming presser foot for knit-work, jersey, and the like.	
9	 <p>11878360</p>	 <p>11872405</p>	 <p>11873106 Solid presser</p>	 <p>11791803</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ05E-0F5-3C0		Roll-in seaming presser foot with good sharp curve stitching capability developed for Doeskin cloth	Throat plate : R4100H0FE0A Main feed dog : 11883105 Differential feed dog : B165780400V Auxiliary feed dog : 11887502

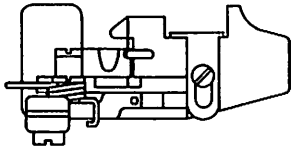
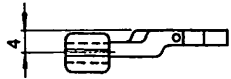
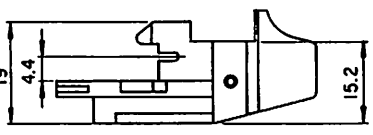
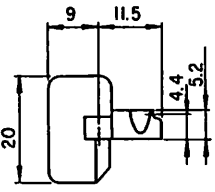
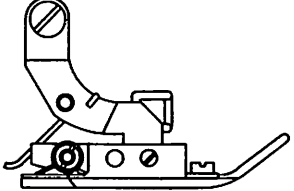
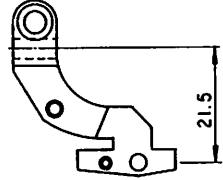
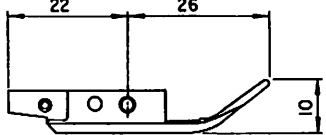
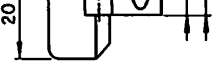
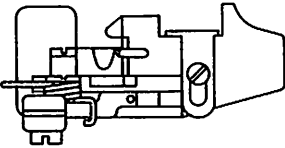
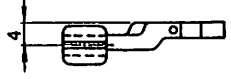
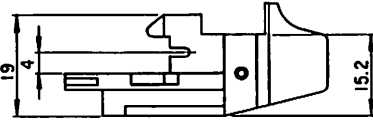
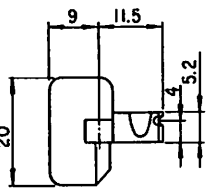
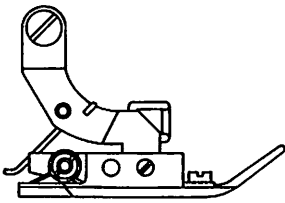
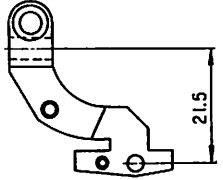
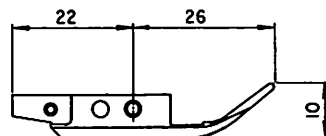
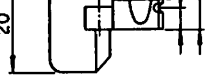
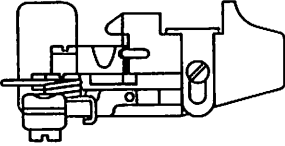
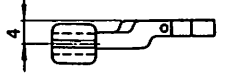
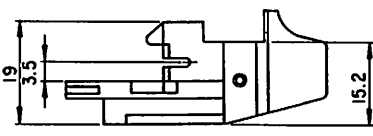
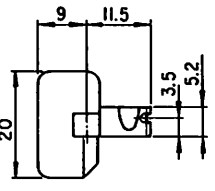
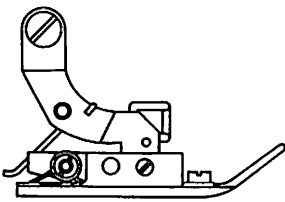
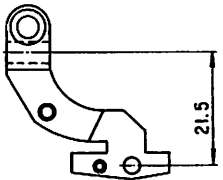
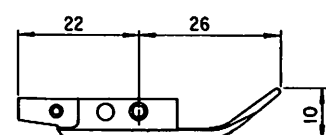
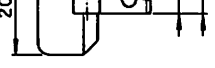
MO-2514/2414 Standard presser foot list

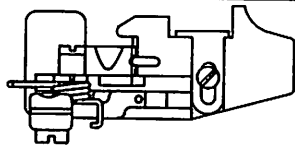
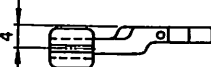
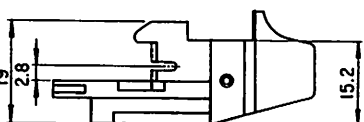
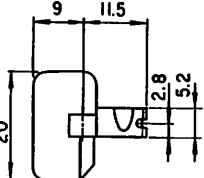
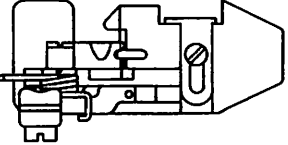
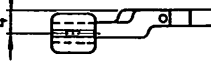
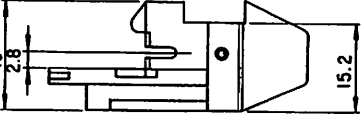
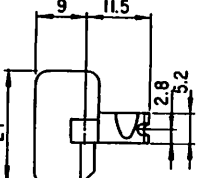
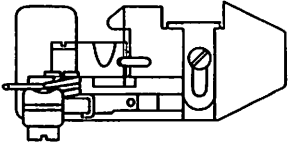
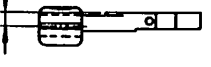
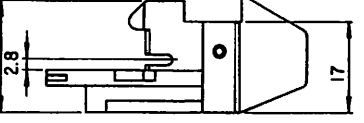
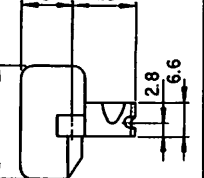
No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
1	 11876562	 11872009	 B1507804C00	 11874005
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-ZA5-100 MO-2Δ14E-XB5-100		For 2-needle overlock machine for needles gauge 0.8 mm or 1,2 mm *Panty hoses, etc.	
2	 11876661	 11872009	 B1507804C00	 11874104
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-AB4-100 MO-2Δ14E-AD4-300		Presser foot with 1.6 mm needle gauge for light-weight knitwork, etc. in socks toes, etc.	
3	 11876760	 11872009	 B150781400P	 11874203
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-BB4-300		For 2-needle overlock machine for general fabrics, knitwork, jersey, and the like.	

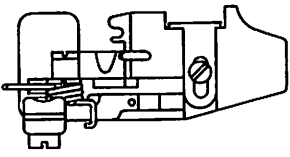
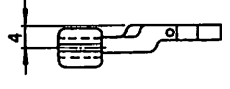
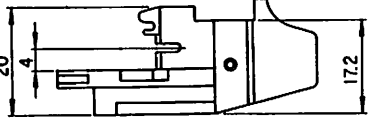
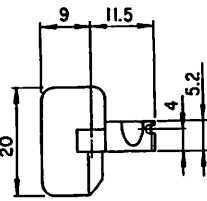
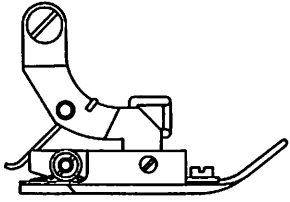
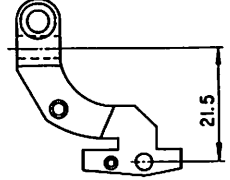
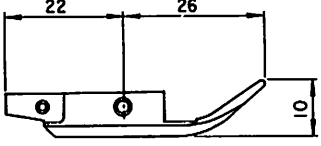
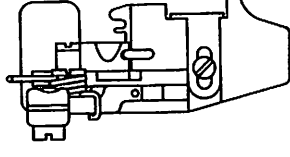
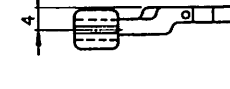
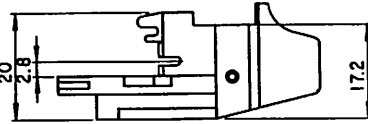
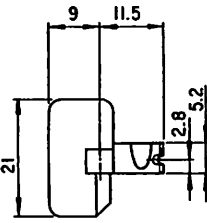
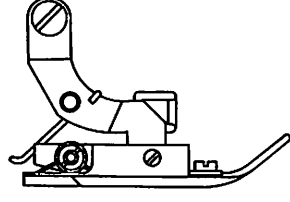
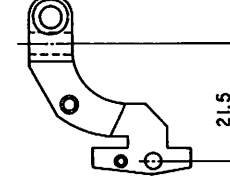
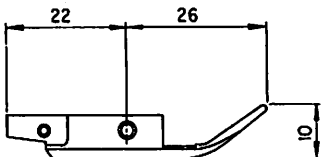
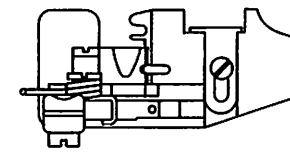
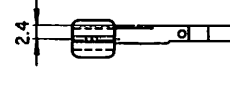
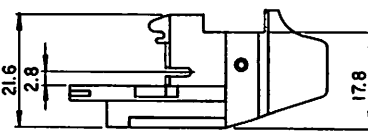
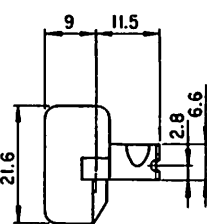
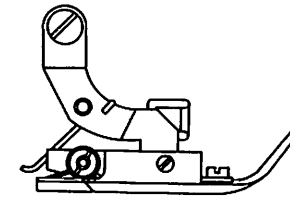
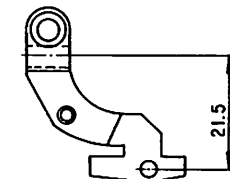
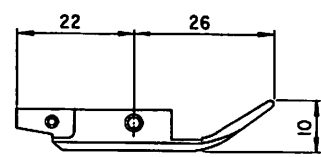
No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
4	 <p>11881570</p>	 <p>11872009</p>	 <p>B150781400P</p>	 <p>11874708</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ06E-BD4-200 MO-2Δ14E-BD4-200		For 2-needle overlock machine for general fabrics, knitwork, jersey, and the like (when appearance and touch are especially important).	
5	 <p>11876869</p>	 <p>11872009</p>	 <p>B150781400P</p>	 <p>B150981400P</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ06E-BD4-300 MO-2Δ06E-CD4-300 MO-2Δ14E-BD4-300 MO-2Δ14E-CD4-300 MO-2Δ14E-BE4-300 MO-2Δ14E-CD6-300 MO-2Δ14E-BD6-300 MO-2Δ12E-CD4-300 MO-2Δ14E-BE6-300 MO-2Δ12E-CD6-300		For 2-needle overlock machine for general fabrics, knitwork, jersey, and the like.	
6	 <p>11877065</p>	 <p>11872009</p>	 <p>11790508</p>	 <p>11874401</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ12E-CF6-500		For 2-needle overlock machine for imitation safety stitching of medium-weight knitwork, jersey, and the like.	

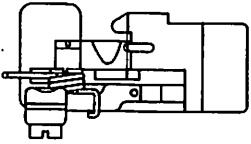
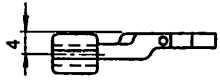
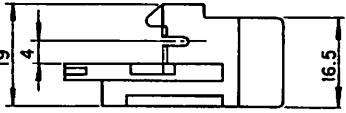
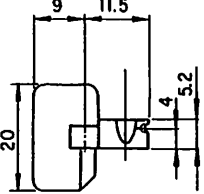
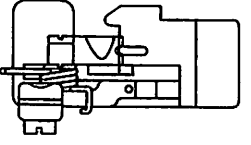
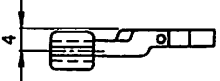
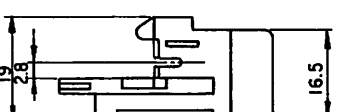
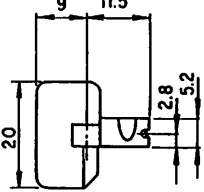
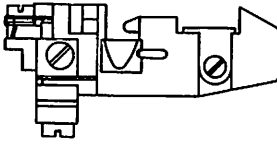
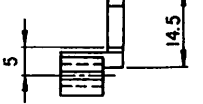
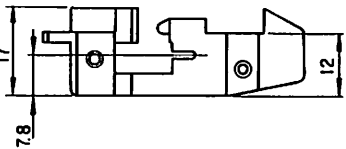
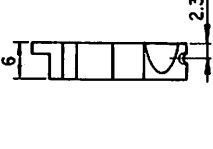
No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
7	 <p>11877164</p>	 <p>11872009</p>	 <p>11790508</p>	 <p>11790607</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ12E-DD6-500 MO-2Δ12E-DF6-500 MO-2Δ07E-DF6-500		For 2-needle overlock machine for imitation safety stitching of medium-weight knitwork, jersey, bulky material, etc.	
8	 <p>11879368</p>	 <p>11872009</p>	 <p>B1507804R0C</p>	 <p>B150981400P</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-BD6-320		2-needle overlock machine for light-weight material gathering of georgette, knitwork, etc.	Throat plate : R4305H0DE0A Main feed dog : 11883402 Differential feed dog : B1657814B0L
9	 <p>11879061</p>	 <p>11872405</p>	 <p>B1507814B0D</p>	
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-BD4-330 MO-2Δ14E-BD6-3B0		For piping 2-needle overlock machine	Main feed dog : 11884509 Differential feed dog : B1657814B0M

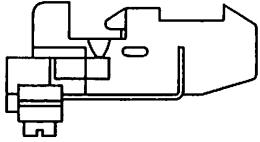
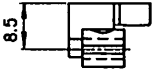
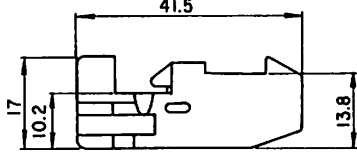
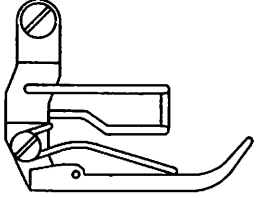
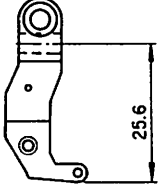
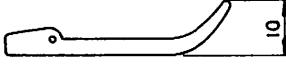
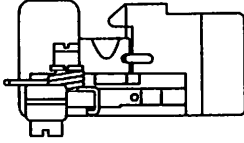

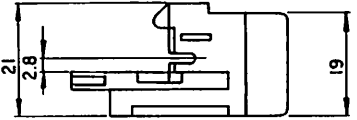
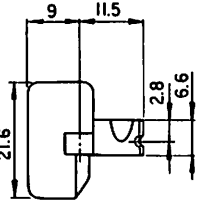
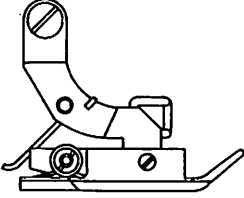
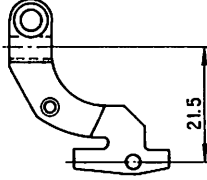
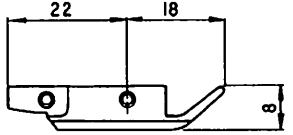
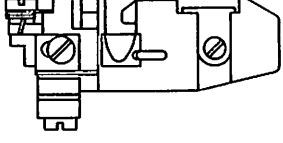
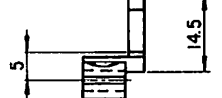
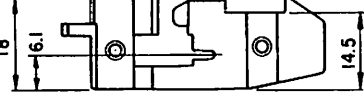
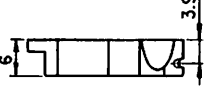
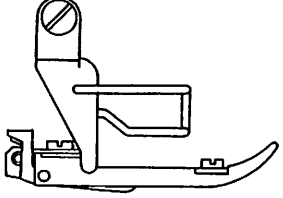
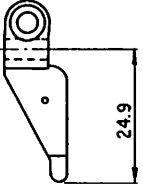
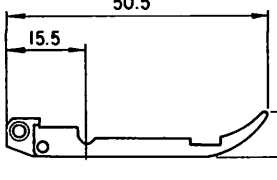
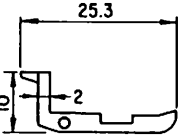
MO-2516/2416 Standard presser foot list

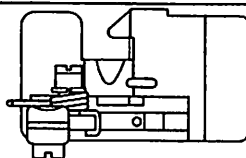

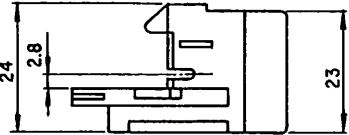
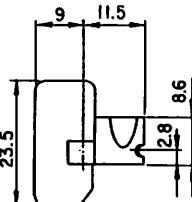
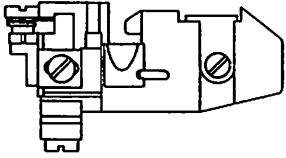
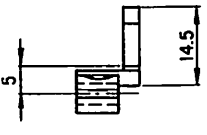
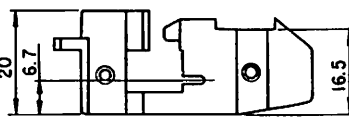
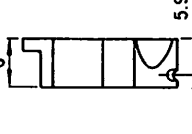
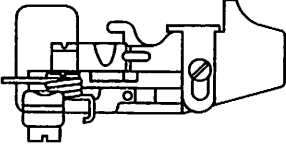
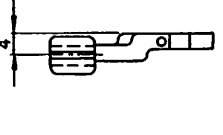
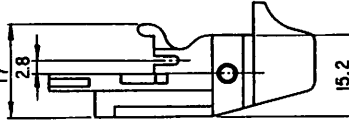
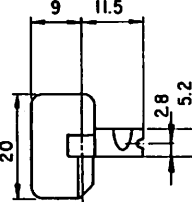
No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
1	 11877263	 11872108	 B1507816A0A	 11875002
	 11877263	 11872108	 B1507816A0A	 11875002
	Applicable models MO-2Δ16E-AF4-300	Application For safety stitching of general fabrics, men's shirts, jersey, knit, etc.	Simultaneous replacement parts	
2	 11877354	 11872108	 B1507816B0C	 11875101
	 11877354	 11872108	 B1507816B0C	 11875101
	Applicable models MO-2Δ15E-BD4-300 MO-2Δ16E-BD4-300 MO-2Δ16E-BF4-300 MO-2Δ16E-BD6-500	Application For safety stitching of general fabrics, jersey, and knit (up to medium-weight).	Simultaneous replacement parts	
3	 11877461	 11872108	 B1507816C0J	 11875200
	 11877461	 11872108	 B1507816C0J	 11875200
	Applicable models MO-2Δ16E-CD4-300 MO-2Δ16E-CF4-300 MO-2Δ16E-CD6-500	Application For safety stitching of general fabrics, jersey, and knit (up to medium-weight).	Simultaneous replacement parts	

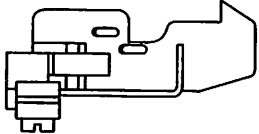
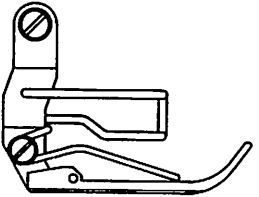
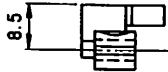
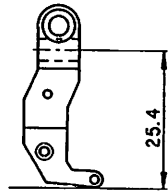

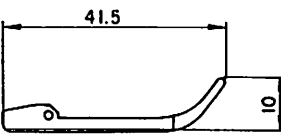
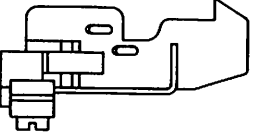
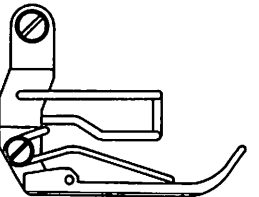
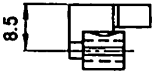
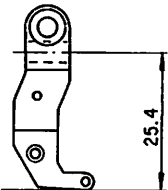
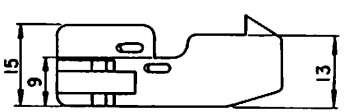
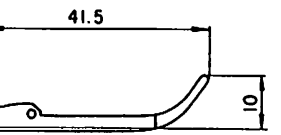
No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
4	 11877578	 11872108	 B1507816000	 11875309
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ15E-DD4-300 MO-2Δ16E-DH4-300 MO-2Δ16E-DD4-300 MO-2Δ16E-DD6-500 MO-2Δ16E-DE4-300 MO-2Δ16E-DF4-300 MO-2Δ16E-DG4-300		For safety stitching of general fabrics, jersey, knit, and the like.	
5	 11877669	 11872108	 B1507816D08	 11875408
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DF6-500 MO-2Δ16E-DH6-500		For safety stitching of heavy-weight material.	
6	 11877768	 11872207	 B1507816F0D	 11875507
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ15E-FF6-500 MO-2Δ16E-FF6-500 MO-2Δ16E-FG6-500 MO-2Δ16E-FH6-500		For safety stitching (in wider needle gauge) of heavy-weight material.	

No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
7	 11877867	 11872108	 B1507843B00	 11875101
	 11877867	 11872108	 B1507843B00	
	Applicable models	Application		Simultaneous replacement parts
MO-2Δ43E-BBD6-300		For 3-needle safety stitch machine for general fabrics, men's shirts, jersey, knit, etc. *The machine works as 2-needle overlock machine when safety stitch needle is removed.		
8	 11877966	 11872108	 B1507843D00	 11875408
	 11877966	 11872108	 B1507843D00	
	Applicable models	Application		Simultaneous replacement parts
MO-2Δ43E-DBD6-300		For 3-needle safety stitch machine for general fabrics, men's shirts, jersey, knit, etc. *The machine works as 2-needle overlock machine when safety stitch needle is removed.		
9	 11878063	 11872207	 B1507843F00	 11875507
	 11878063	 11872207	 B1507843F00	
	Applicable models	Application		Simultaneous replacement parts
MO-2Δ43E-FBD6-300		For 3-needle safety stitch machine for general fabrics, men's shirts, jersey, knit, etc. *The machine works as 2-needle overlock machine when safety stitch needle is removed.		

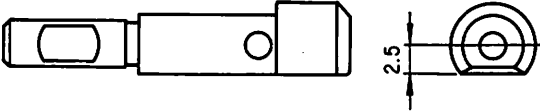
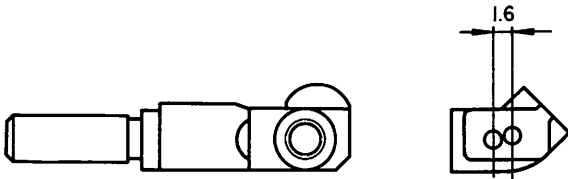
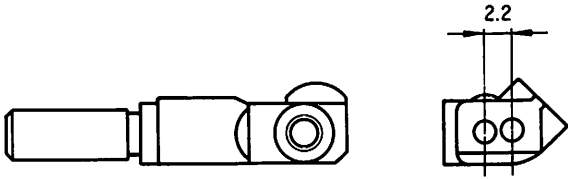
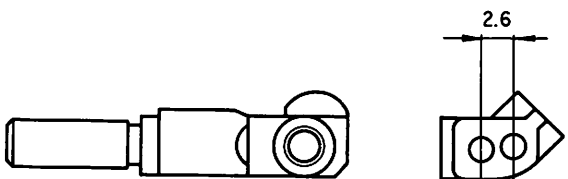
No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
10	 11879566	 11872108	 B1507816B0N	 11875101
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-BD4-320		Gathering presser foot for light-weight material safety stitching of general fabrics, knit, georgette, etc.	Main feed dog : 11883709 Differential feed dog : 11885704 Needle guard : B4120816D0BA
11	 11879665	 11872108	 B1507816D0F	 11875309
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DD4-320 MO-2Δ16E-DD6-320		Gathering presser foot for light-weight material safety stitching of general fabrics, knit, georgette, etc.	Main feed dog : 11883808 Differential feed dog : 11885704 Needle guard : B4120816D0BA
12	 11879764	 11872603	 B1507816D0Z	 B1508816D0Z (Chain-off thread presser)
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DD4-100		For sharp curve safety stitching of light-weight general fabrics, men's shirts, georgette, etc.	

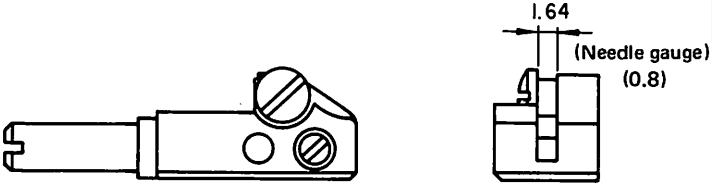
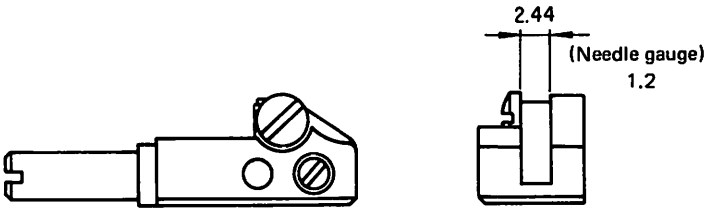
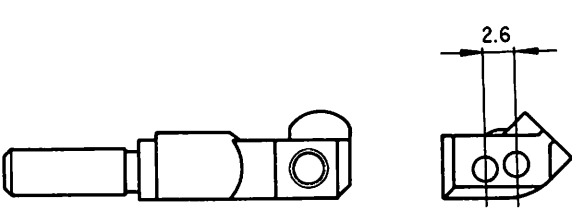
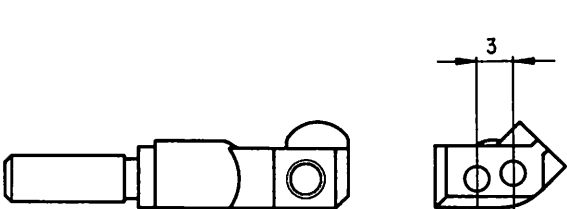
No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
13				
				
	11880069	11872405	B1507816D0U	
Applicable models		Application		Simultaneous replacement parts
MO-2Δ16E-DD4-330 MO-2Δ16E-DD4-3B0		For piping, or piping & gathering safety stitch machine.		MO-2Δ16-DD4-300 Differential feed dog : 11886405 MO-2Δ16E-DD4-3B0 Main feed dog : 11883808 Differential feed dog : 11885704 Needle guard : B4120816D0BA
14				
				
	11880465	11872207	B1507816F0G	11875507
Applicable models		Application		Simultaneous replacement parts
MO-2Δ16E-FF6-320		Gathering presser foot for safety stitching (in wider needle gauge) of general fabrics, men's shirts, georgette, etc.		Throat plate : R4612H0DB00 Main feed dog : 11884103 Differential feed dog : 11885902 Needle guard : B4120816FOCA
15				
				
	11880564	11872603	B1507816F0Z	B1508816F0Z
Applicable models		Application		Simultaneous replacement parts
MO-2Δ16E-FF6-100		For sharp curve safety stitching of light-weight general fabrics, men's shirts, georgette, etc.		

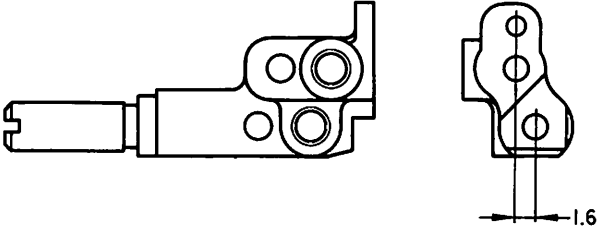
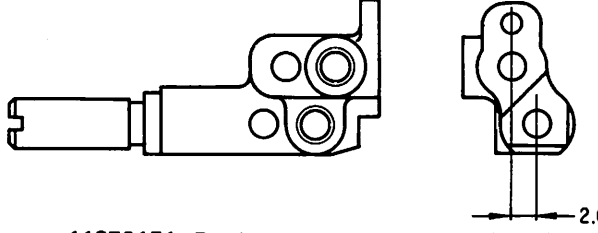
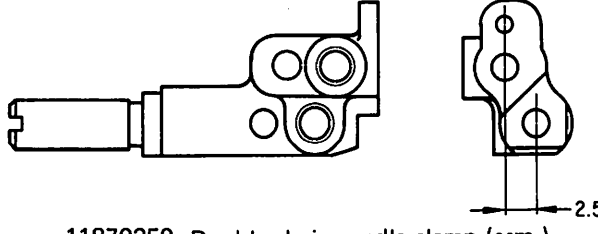
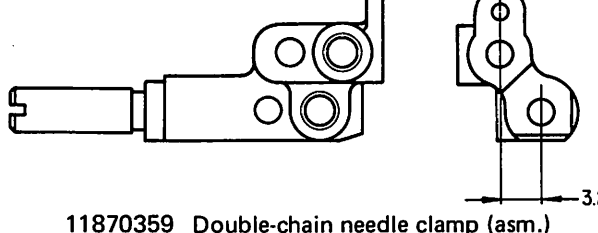
No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
16	 11880861	 11872207	 B1507816R0B	 11875705
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-RH6-320		For safety stitch gathering (in wider needle gauge) of general fabrics, knit, georgette, etc.	Throat plate : R4618H0HB00 Main feed dog : 11884103 Differential feed dog : 11885902 Needle guard : B4120816R0A
17	 11880960	 11872603	 11873205	 11875606 (Chain-off thread presser)
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-RH6-100		For sharp curve safety stitching (in wider needle gauge) of light-weight general fabrics, men's shirts, knit, etc.	
18	 11879863	 11872108	 MAT80106N00	 11875309
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DD4-360/N067		For safety stitch double-faced reinforcement tape attaching.	Throat plate : R4508H0DD0A

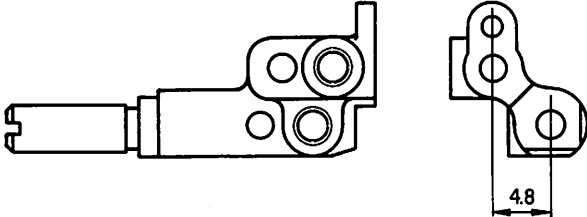
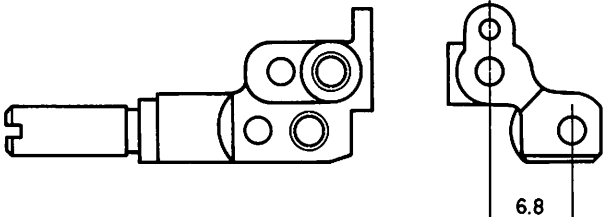
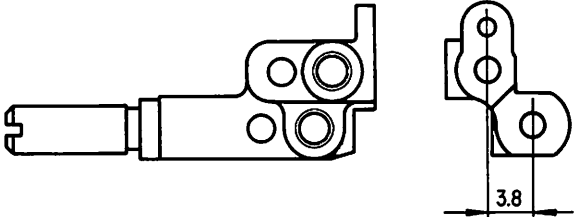
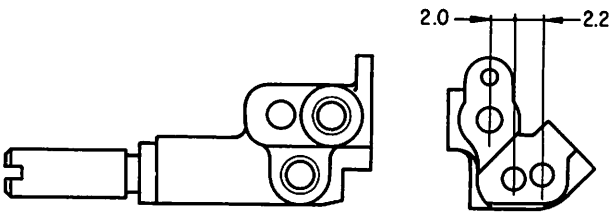
No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue
19	  11881661	  11872405	  11873601	
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ45E-DD4-360/N077		For safety stitch double-faced reinforcement tape (clean finish top and bottom) attaching.	Throat plate : R4808H0DE00 Needle clamp : 11870953 Main feed dog : 11884202 Differential feed dog : 11886108
20	  11878162	  11872405	  B1507845E00	
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ45E-ED4-360/N077		For safety stitch double-faced reinforcement tape (clean finish top and bottom) attaching.	Throat plate : R4810H0DE00 Needle clamp : 11870953 Main feed dog : 11884202 Differential feed dog : 11886108
Applicable models		Application	Simultaneous replacement parts	

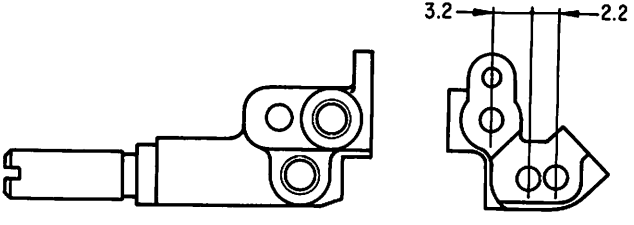
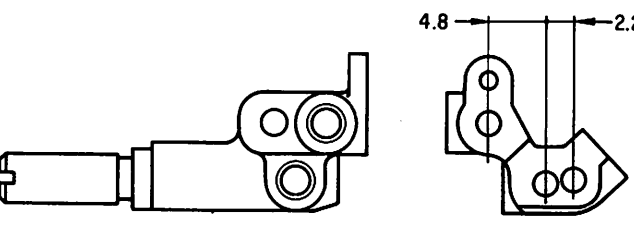
MO-2500/2400 Standard needle clamp list

No.	Configuration	Applicable models																
1	 <p data-bbox="336 450 767 483">11869005 1-needle needle clamp (asm)</p>	All models of 1-needle overlock machines																
	<p data-bbox="501 517 564 546">Usage</p>	<p data-bbox="1038 521 1385 551">Simultaneous replacement parts</p>																
	<p data-bbox="209 577 443 607">For 1-needle overlock</p>	<p data-bbox="975 584 1246 613">Needle guard 11890100</p>																
2	 <p data-bbox="331 943 762 976">11869559 2-needle needle clamp (asm)</p>	<p data-bbox="970 723 1257 752">2-needle overlock machine</p> <p data-bbox="970 757 1182 786">For needle gauge A</p> <p data-bbox="970 790 1198 819">MO-2Δ14E-AB4-100</p> <p data-bbox="970 824 1198 853">MO-2Δ14E-AD4-300</p>																
	<p data-bbox="501 1010 564 1039">Usage</p>	<p data-bbox="1038 1014 1385 1043">Simultaneous replacement parts</p>																
	<p data-bbox="201 1070 443 1133">2-needle overlock For needle gauge A</p>	<p data-bbox="970 1077 1241 1106">Needle guard 11890209</p>																
3	 <p data-bbox="327 1435 758 1469">11869658 2-needle needle clamp (asm)</p>	<p data-bbox="970 1207 1257 1236">2-needle overlock machine</p> <p data-bbox="970 1240 1177 1270">For needle gauge B</p> <table border="0" data-bbox="970 1274 1453 1480"> <tr> <td>MO-2Δ14E-BB4-300</td> <td>MO-2Δ14E-BD6-320</td> </tr> <tr> <td>MO-2Δ06E-BD4-200</td> <td>MO-2Δ14E-BD6-3B0</td> </tr> <tr> <td>MO-2Δ06E-BD4-300</td> <td>MO-2Δ14E-BD6-340</td> </tr> <tr> <td>MO-2Δ14E-BD4-200</td> <td>MO-2Δ14E-BE6-300</td> </tr> <tr> <td>MO-2Δ14E-BD4-300</td> <td>MO-2Δ14E-BD6-4A0</td> </tr> <tr> <td>MO-2Δ14E-BD4-330</td> <td>MO-2Δ14E-BD6-4A3</td> </tr> <tr> <td>MO-2Δ14E-BE4-300</td> <td>MO-2Δ14E-BD7-4A0</td> </tr> <tr> <td>MO-2Δ14E-BD6-300</td> <td>MO-2Δ14E-BD7-4A3</td> </tr> </table>	MO-2Δ14E-BB4-300	MO-2Δ14E-BD6-320	MO-2Δ06E-BD4-200	MO-2Δ14E-BD6-3B0	MO-2Δ06E-BD4-300	MO-2Δ14E-BD6-340	MO-2Δ14E-BD4-200	MO-2Δ14E-BE6-300	MO-2Δ14E-BD4-300	MO-2Δ14E-BD6-4A0	MO-2Δ14E-BD4-330	MO-2Δ14E-BD6-4A3	MO-2Δ14E-BE4-300	MO-2Δ14E-BD7-4A0	MO-2Δ14E-BD6-300	MO-2Δ14E-BD7-4A3
	MO-2Δ14E-BB4-300	MO-2Δ14E-BD6-320																
	MO-2Δ06E-BD4-200	MO-2Δ14E-BD6-3B0																
MO-2Δ06E-BD4-300	MO-2Δ14E-BD6-340																	
MO-2Δ14E-BD4-200	MO-2Δ14E-BE6-300																	
MO-2Δ14E-BD4-300	MO-2Δ14E-BD6-4A0																	
MO-2Δ14E-BD4-330	MO-2Δ14E-BD6-4A3																	
MO-2Δ14E-BE4-300	MO-2Δ14E-BD7-4A0																	
MO-2Δ14E-BD6-300	MO-2Δ14E-BD7-4A3																	
<p data-bbox="501 1503 564 1532">Usage</p>	<p data-bbox="1038 1507 1385 1536">Simultaneous replacement parts</p>																	
<p data-bbox="201 1563 443 1626">2-needle overlock For needle gauge B</p>	<p data-bbox="970 1570 1241 1599">Needle guard 11890308</p>																	
4	 <p data-bbox="323 1915 754 1948">11869757 2-needle needle clamp (asm)</p>	<p data-bbox="970 1700 1257 1729">2-needle overlock machine</p> <p data-bbox="970 1733 1177 1762">For needle gauge C</p> <p data-bbox="970 1767 1190 1796">MO-2Δ06E-CD4-300</p> <p data-bbox="970 1800 1190 1830">MO-2Δ12E-CD4-300</p> <p data-bbox="970 1834 1190 1863">MO-2Δ14E-CD4-300</p> <p data-bbox="970 1868 1190 1897">MO-2Δ12E-CD6-300</p> <p data-bbox="970 1901 1190 1930">MO-2Δ14E-CD6-300</p>																
	<p data-bbox="501 1995 564 2024">Usage</p>	<p data-bbox="1038 2000 1385 2029">Simultaneous replacement parts</p>																
	<p data-bbox="201 2056 443 2119">2-needle overlock For needle gauge C</p>	<p data-bbox="970 2063 1241 2092">Needle guard 11890308</p>																

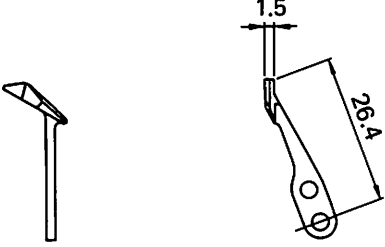
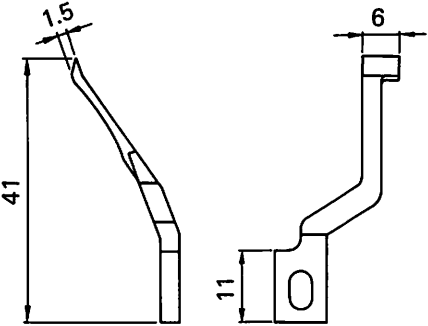
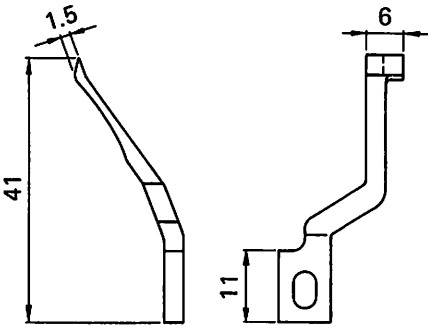
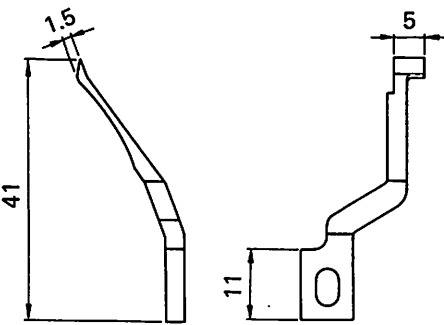
No.	Configuration	Applicable models
5	 <p data-bbox="331 450 767 479">11869161 2-needle needle clamp (asm)</p>	<p data-bbox="975 219 1262 309">2-needle overlock machine For needle gauge Z MO-2Δ14E-ZA5-100</p>
	<p data-bbox="496 517 560 546">Usage</p>	<p data-bbox="1038 517 1385 546">Simultaneous replacement parts</p>
	<p data-bbox="204 577 443 640">2-needle overlock For needle gauge Z</p>	<p data-bbox="975 577 1246 607">Needle guard 11890209</p>
6	 <p data-bbox="331 936 767 965">11869369 2-needle needle clamp (asm)</p>	<p data-bbox="975 716 1262 806">2-needle overlock machine For needle gauge X MO-2Δ14E-XB5-100</p>
	<p data-bbox="496 1003 560 1032">Usage</p>	<p data-bbox="1038 1003 1385 1032">Simultaneous replacement parts</p>
	<p data-bbox="204 1064 443 1126">2-needle overlock For needle gauge X</p>	<p data-bbox="975 1064 1246 1093">Needle guard 11890209</p>
7	 <p data-bbox="331 1422 767 1451">11869856 2-needle needle clamp (asm)</p>	<p data-bbox="975 1202 1481 1292">2-needle overlock machine For needle gauge C (Stitch type : U.S.A. 512) MO-2Δ12E-CF6-500</p>
	<p data-bbox="496 1489 560 1518">Usage</p>	<p data-bbox="1038 1489 1385 1518">Simultaneous replacement parts</p>
	<p data-bbox="204 1550 443 1612">2-needle overlock For needle gauge C</p>	<p data-bbox="975 1550 1246 1579">Needle guard 11890308</p>
8	 <p data-bbox="331 1908 767 1937">11869955 2-needle needle clamp (asm)</p>	<p data-bbox="975 1688 1481 1778">2-needle overlock machine For needle gauge D (Stitch type : U.S.A. 512) MO-2Δ12E-DD6-500 MO-2Δ12E-DF6-500</p>
	<p data-bbox="496 1975 560 2004">Usage</p>	<p data-bbox="1038 1975 1385 2004">Simultaneous replacement parts</p>
	<p data-bbox="204 2036 443 2098">2-needle overlock For needle gauge D</p>	<p data-bbox="975 2036 1246 2065">Needle guard 11890407</p>

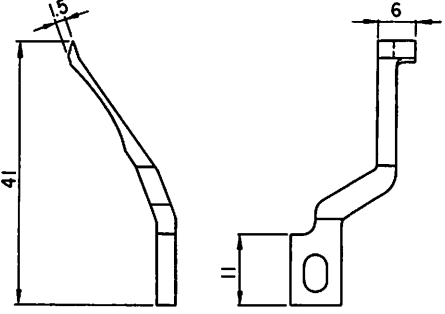
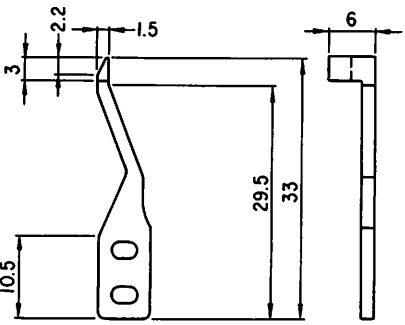
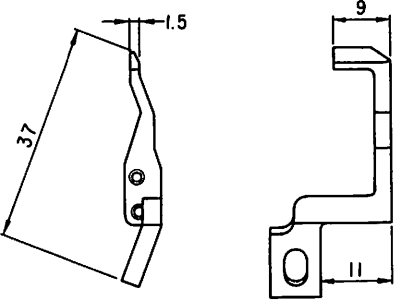
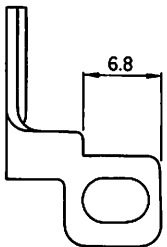
No.	Configuration	Applicable models
9	 <p data-bbox="338 443 824 472">11870052 Double-chain needle clamp (asm.)</p>	<p data-bbox="973 226 1208 315">Safety stitch machine For needle gauge A MO-2Δ16E-AF4-300</p>
	<p data-bbox="498 508 561 537">Usage</p>	<p data-bbox="1031 508 1381 537">Simultaneous replacement parts</p>
	<p data-bbox="208 566 445 627">Safety stitch For needle gauge A</p>	
10	 <p data-bbox="338 943 824 972">11870151 Double-chain needle clamp (asm.)</p>	<p data-bbox="973 725 1208 949">Safety stitch machine For needle gauge B MO-2Δ15E-BD4-300 MO-2Δ16E-BD4-300 MO-2Δ16E-BD4-320 MO-2Δ16E-BF4-300 MO-2Δ16E-BD6-500</p>
	<p data-bbox="498 1008 561 1037">Usage</p>	<p data-bbox="1031 1008 1381 1037">Simultaneous replacement parts</p>
	<p data-bbox="208 1066 445 1126">Safety stitch For needle gauge B</p>	<p data-bbox="973 1066 1334 1126">Needle guard B4120816D0BA for MO-2Δ16E-BD4-320</p>
11	 <p data-bbox="338 1442 824 1471">11870250 Double-chain needle clamp (asm.)</p>	<p data-bbox="973 1225 1208 1359">Safety stitch machine For needle gauge C MO-2Δ16E-CD4-300 MO-2Δ16E-CF4-300 MO-2Δ16E-CD6-500</p>
	<p data-bbox="498 1507 561 1536">Usage</p>	<p data-bbox="1031 1507 1381 1536">Simultaneous replacement parts</p>
	<p data-bbox="208 1565 445 1626">Safety stitch For needle gauge C</p>	
12	 <p data-bbox="338 1942 824 1971">11870359 Double-chain needle clamp (asm.)</p>	<p data-bbox="973 1702 1208 1836">Safety stitch machine For needle gauge D MO-2Δ15E-DD4-300 MO-2Δ16E-DF4-300 MO-2Δ16E-DD4-100 MO-2Δ16E-DG4-300 MO-2Δ16E-DD4-300 MO-2Δ16E-DH4-300 MO-2Δ16E-DD4-320 MO-2Δ16E-DD6-320 MO-2Δ16E-DD4-330 MO-2Δ16E-DD6-500 MO-2Δ16E-DD4-380 MO-2Δ16E-DF6-500 MO-2Δ16E-DD4-360 MO-2Δ16E-DH6-500 MO-2Δ16E-DE4-300</p>
	<p data-bbox="498 2007 561 2036">Usage</p>	<p data-bbox="1031 2007 1381 2036">Simultaneous replacement parts</p>
	<p data-bbox="208 2065 445 2125">Safety stitch For needle gauge D</p>	<p data-bbox="973 2065 1428 2125">Needle guard B4120816D0BA for MO-2Δ16E-DD4-320/MO-2Δ16E-DD6-320</p>

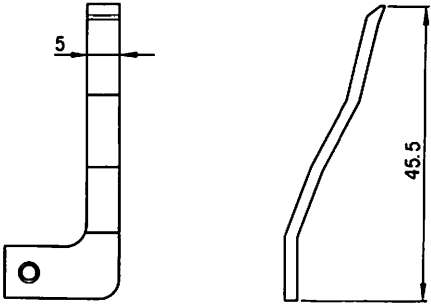
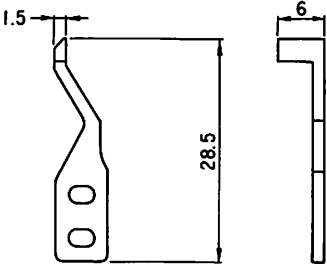
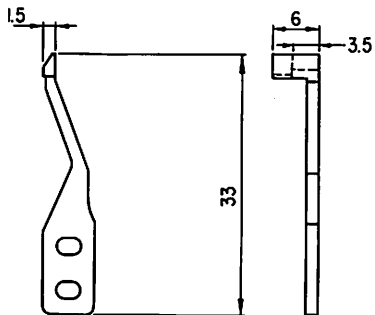
No.	Configuration	Applicable models
13	 <p data-bbox="331 443 823 472">11870458 Double-chain needle clamp (asm.)</p>	<p data-bbox="971 219 1206 248">Safety stitch machine</p> <p data-bbox="971 250 1206 280">For needle gauge F</p> <p data-bbox="971 282 1206 311">MO-2Δ15E-FF6-500</p> <p data-bbox="971 313 1206 342">MO-2Δ16E-FF6-100</p> <p data-bbox="971 344 1206 374">MO-2Δ16E-FF6-320</p> <p data-bbox="971 376 1206 405">MO-2Δ16E-FF6-500</p> <p data-bbox="971 407 1206 436">MO-2Δ16E-FG6-500</p> <p data-bbox="971 439 1206 468">MO-2Δ16E-FH6-500</p>
	Usage	Simultaneous replacement parts
	<p data-bbox="201 575 336 604">Safety stitch</p> <p data-bbox="233 607 440 636">For needle gauge F</p>	<p data-bbox="971 575 1337 604">Needle guard B4120816FOCA for</p> <p data-bbox="971 607 1206 636">MO-2Δ16E-FF6-320</p>
14	 <p data-bbox="331 936 823 965">11870557 Double-chain needle clamp (asm.)</p>	<p data-bbox="971 712 1206 741">Safety stitch machine</p> <p data-bbox="971 743 1206 772">For needle gauge R</p> <p data-bbox="971 775 1206 804">MO-2Δ16E-RH6-100</p> <p data-bbox="971 806 1206 837">MO-2Δ16E-RH6-320</p>
	Usage	Simultaneous replacement parts
	<p data-bbox="201 1059 336 1088">Safety stitch</p> <p data-bbox="233 1090 440 1120">For needle gauge R</p>	<p data-bbox="971 1059 1337 1088">Needle guard B4120816ROA for</p> <p data-bbox="971 1090 1206 1120">MO-2Δ16E-RH6-320</p>
15	 <p data-bbox="331 1429 823 1458">11870953 Double-chain needle clamp (asm.)</p>	<p data-bbox="971 1211 1299 1240">2-needle safety stitch machine</p> <p data-bbox="971 1243 1206 1272">For needle gauge E</p> <p data-bbox="971 1274 1206 1303">MO-2Δ45E-DD4-360</p> <p data-bbox="971 1305 1206 1337">MO-2Δ45E-ED4-360</p>
	Usage	Simultaneous replacement parts
	<p data-bbox="201 1552 440 1581">2-needle safety stitch</p> <p data-bbox="233 1583 440 1612">For needle gauge E</p>	<p data-bbox="971 1552 1246 1581">Needle guard 11890902</p> <p data-bbox="1131 1583 1246 1612">11891009</p>
16	 <p data-bbox="331 1921 756 1951">11870656 3-needle needle clamp (asm.)</p>	<p data-bbox="971 1704 1299 1733">3-needle safety stitch machine</p> <p data-bbox="971 1736 1390 1765">For needle gauge Overlock B</p> <p data-bbox="1163 1767 1390 1796">. Safety stitch B</p> <p data-bbox="971 1798 1206 1827">MO-2Δ43E-BBD6-300</p> <p data-bbox="971 1830 1206 1859">MO-2Δ43E-BBD6-340</p>
	Usage	Simultaneous replacement parts
	<p data-bbox="201 2036 475 2065">3-needle safety stitch</p> <p data-bbox="233 2067 475 2096">For needle gauge B x B</p>	<p data-bbox="971 2036 1238 2065">Needle guard 11890803</p>

No.	Configuration	Applicable models
17	 <p data-bbox="341 456 772 488">11870755 3-needle needle clamp (asm)</p>	<p data-bbox="979 232 1410 389">3-needle safety stitch machine For needle gauge Overlock B Safety stitch D MO-2Δ43E-DBD6-300 MO-2Δ43E-DBD6-340</p>
Usage		Simultaneous replacement parts
<p data-bbox="210 573 497 636">3-needle safety stitch For needle gauge D x B</p>		<p data-bbox="979 577 1257 609">Needle guard 11890803</p>
18	 <p data-bbox="341 949 772 981">11870854 3-needle needle clamp (asm)</p>	<p data-bbox="979 725 1410 882">3-needle safety stitch machine For needle gauge Overlock B Safety stitch F MO-2Δ43E-FBD6-300 MO-2Δ43E-FBD6-340</p>
Usage		Simultaneous replacement parts
<p data-bbox="210 1066 497 1128">3-needle safety stitch For needle gauge F x B</p>		<p data-bbox="979 1070 1257 1102">Needle guard 11890803</p>
Usage		Simultaneous replacement parts
Usage		Simultaneous replacement parts
Usage		Simultaneous replacement parts

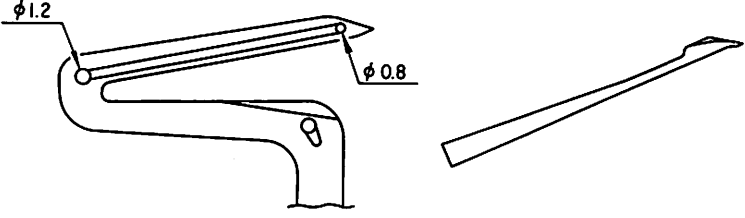
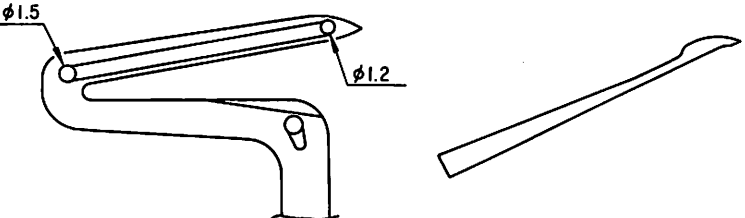
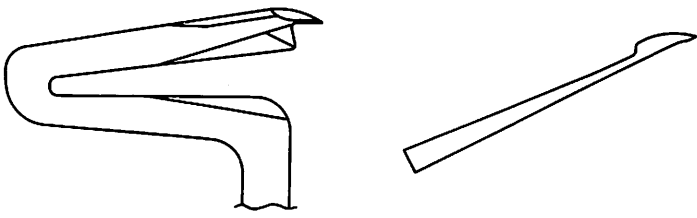
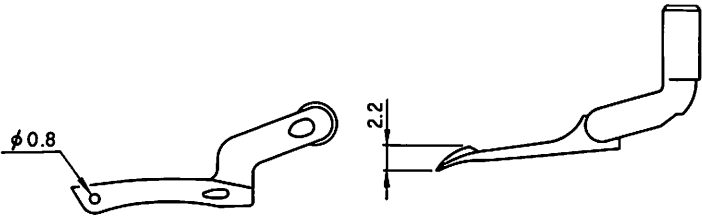
MO-2500/2400 Standard needle guard list

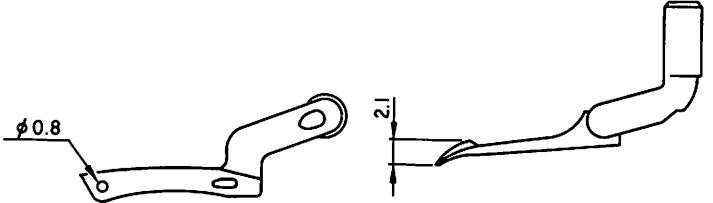
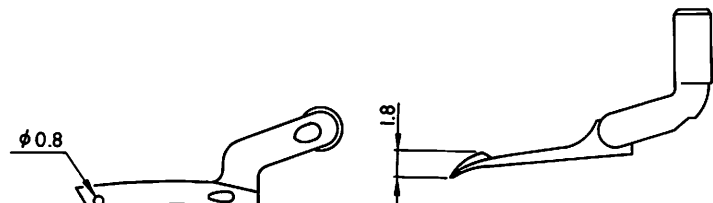
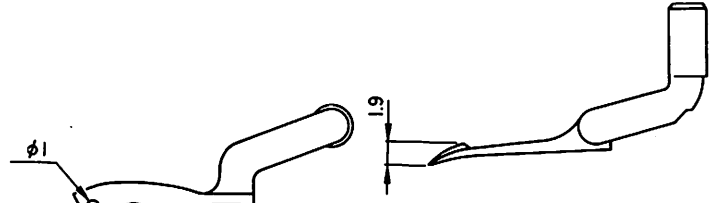
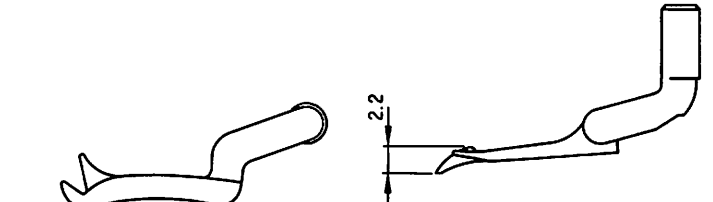
No.	Configuration	Applicable models	Simultaneous replacement parts
1	 <p>11890001 Traveling needle guard</p>	<p>All MO-2Δ00 models Except MO-2Δ45-DD4-360/N077 and MO-2Δ45-ED4-360/N077</p>	
2	 <p>11890100 Needle guard</p>	<p>All standard 1-needle overlock subclass machines</p>	
3	 <p>11890308 Needle guard</p>	<p>MO-2Δ06E-BD4-200 MO-2Δ14E-BD6-340 MO-2Δ06E-BD4-300 MO-2Δ14E-BE6-300 MO-2Δ06E-CD4-300 MO-2Δ14E-CD4-300 MO-2Δ12E-CD4-300 MO-2Δ14E-CD6-300 MO-2Δ12E-CD6-300 MO-2Δ14E-BD6-4A0 MO-2Δ12E-CF6-300 MO-2Δ14E-BD6-4A3 MO-2Δ14E-BB4-300 MO-2Δ14E-BD7-4A0 MO-2Δ14E-BD4-200 MO-2Δ14E-BD7-4A3 MO-2Δ14E-BD4-300 MO-2Δ14E-BD4-330 MO-2Δ14E-BE4-300 MO-2Δ14E-BD6-300 MO-2Δ14E-BD6-320 MO-2Δ14E-BD6-3B0</p>	
4	 <p>11890209 Needle guard</p>	<p>MO-2Δ14E-ZA5-100 MO-2Δ14E-XB5-100 MO-2Δ14E-AB4-300 MO-2Δ14E-AD4-300</p>	

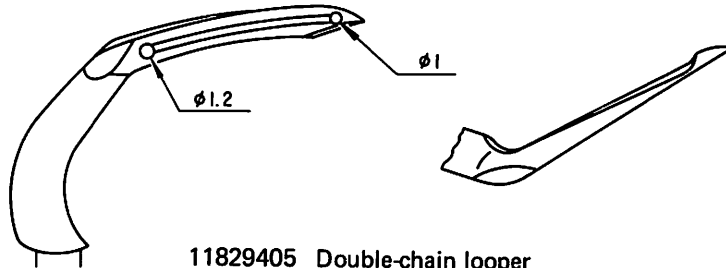
No.	Configuration	Applicable models	Simultaneous replacement parts
5	 <p data-bbox="311 638 582 672">11890407 Needle guard</p>	<p data-bbox="758 224 989 313">MO-2Δ07E-DF6-500 MO-2Δ12E-DD6-500 MO-2Δ12E-DF6-500</p>	
6	 <p data-bbox="311 1131 582 1164">11890605 Needle guard</p>	<p data-bbox="758 716 1220 772">All standard safety stitch subclass machine models except the following models:</p> <p data-bbox="758 784 1053 1041">MO-2Δ43E-BBD6-300 MO-2Δ43E-BBD6-340 MO-2Δ43E-DBD6-300 MO-2Δ43E-DBD6-340 MO-2Δ43E-FBD6-300 MO-2Δ43E-FBD6-340 MO-2Δ45E-DD4-360/N077 MO-2Δ45E-ED4-360/N077</p>	
7	 <p data-bbox="311 1624 582 1657">11890506 Needle guard</p>	<p data-bbox="758 1209 1220 1265">All standard safety stitch subclass machine models</p>	
8	 <p data-bbox="311 2105 582 2139">11890704 Needle guard</p>	<p data-bbox="758 1702 1220 1792">All standard safety stitch subclass machine models except those equipped with S097 (gathering attachment)</p>	

No.	Configuration	Applicable models	Simultaneous replacement parts
9	 <p data-bbox="294 622 566 651">11890902 Needle guard</p>	<p data-bbox="738 203 1031 259">MO-2Δ45E-DD4-360/N077 MO-2Δ45E-ED4-360/N077</p>	<p data-bbox="1248 203 1404 259">Needle guard : 11891009</p>
10	 <p data-bbox="294 1115 566 1144">11891009 Needle guard</p>	<p data-bbox="738 701 1031 757">MO-2Δ45E-DD4-360/N077 MO-2Δ45E-ED4-360/N077</p>	<p data-bbox="1248 701 1404 757">Needle guard : 11890902</p>
11	 <p data-bbox="294 1615 566 1644">11890803 Needle guard</p>	<p data-bbox="738 1196 978 1379">MO-2Δ43E-BBD6-300 MO-2Δ43E-BBD6-340 MO-2Δ43E-DBD6-300 MO-2Δ43E-DBD6-340 MO-2Δ43E-FBD6-300 MO-2Δ43E-FBD6-340</p>	

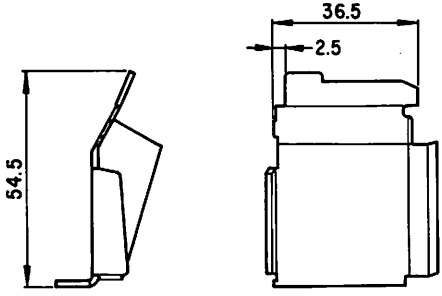
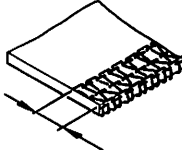
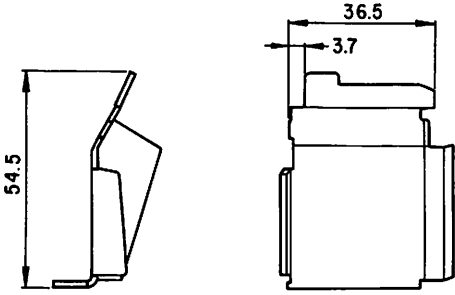
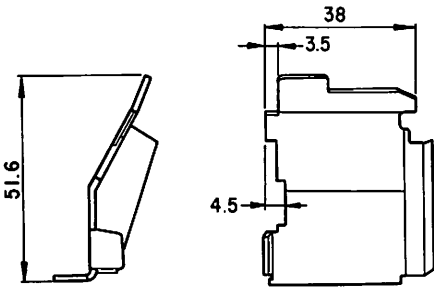
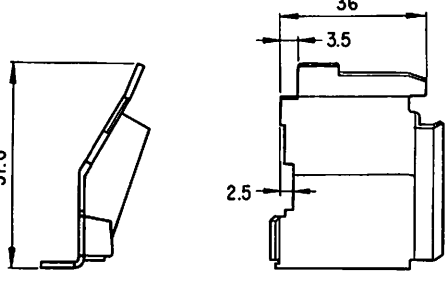
MO-2500/2400 Standard looper list

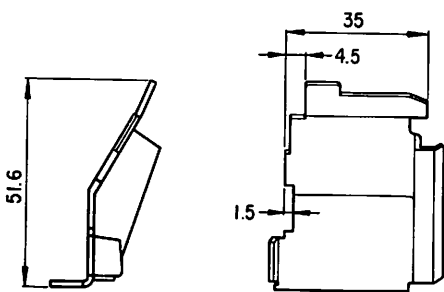
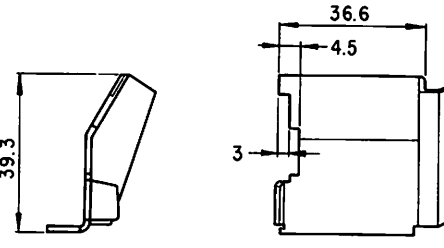
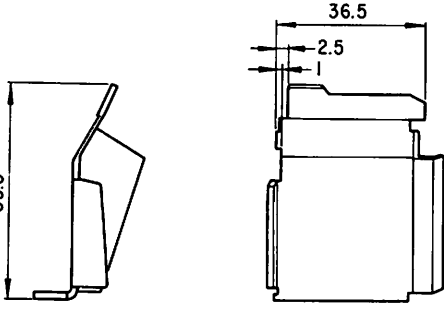
No.	Configuration	Applicable models
1	 <p data-bbox="384 450 660 479">11888401 Lower looper</p>	<ul style="list-style-type: none"> ○ All standard subclass machine models except those for wool or thick threads, or with spreader
Usage		Simultaneous replacement parts
Standard		
2	 <p data-bbox="384 943 660 972">11888500 Lower looper</p>	<ul style="list-style-type: none"> ○ 1-needle overlock machines MO-2Δ04E-0F6-4A0 MO-2Δ04E-0F6-4A3 ○ 2-needle overlock machines MO-2Δ14E-BD6-4A0 MO-2Δ14E-BD6-4A3 MO-2Δ14E-BD7-4A0 MO-2Δ14E-BD7-4A3
Usage		Simultaneous replacement parts
For wool and thick thread		
3	 <p data-bbox="379 1435 676 1464">11888708 Lower spreader</p>	<ul style="list-style-type: none"> ○ 1-needle overlock machines MO-2401E-0D4-300 ○ Safety stitch machine MO-2440E-DD4-300
Usage		Simultaneous replacement parts
For single thread (stitch type : 501)		Upper spreader 11888609
4	 <p data-bbox="379 1906 651 1935">11888005 Upper looper</p>	<ul style="list-style-type: none"> ○ All standard 1-needle overlock subclass machine models ○ All standard 2-needle overlock subclass machines with needle gauge of X or less ○ Standard safety stitch subclass machines except those using needle of #16 or more <p data-bbox="995 1912 1410 1973">*This upper looper is suited for models using needle of #14 or less</p>
Usage		Simultaneous replacement parts
Standard For 1-needle overlock and safety stitch using needle of #14 or less For 2-needle overlock with needle gauge of Z or X		

No.	Configuration	Applicable models
5	 <p data-bbox="391 448 662 481">11888104 Upper looper</p>	<ul style="list-style-type: none"> ○ Safety stitch machines (using needle of #16) MO-2Δ16E-DD6-500 MO-2Δ16E-DF6-500 MO-2Δ16E-DH6-500 MO-2Δ15E-FF6-500 MO-2Δ16E-FF6-500 MO-2Δ16E-FG6-500 MO-2Δ16E-FH6-500 *This upper looper is suited for models using needles of #14 to #18
	Usage	Simultaneous replacement parts
	For 1-needle overlock and safety stitch using thick needle (#14 to #18)	
6	 <p data-bbox="391 940 662 974">11888302 Upper looper</p>	<ul style="list-style-type: none"> ○ 2-needle overlock machines except those with needle gauge of X or less
	Usage	Simultaneous replacement parts
	For standard 2-needle overlock (except those with needle gauge of Z or X)	
7	 <p data-bbox="391 1433 662 1467">11888203 Upper looper</p>	<ul style="list-style-type: none"> ○ 1-needle overlock machine MO-2Δ04E-0F6-4A0 MO-2Δ04E-0F6-4A3 ○ 2-needle overlock machine MO-2Δ14E-BD6-4A0 MO-2Δ14E-BD6-4A3 MO-2Δ14E-BD7-4A0 MO-2Δ14E-BD7-4A3
	Usage	Simultaneous replacement parts
	For wool and thick thread	Lower looper 11888500
8	 <p data-bbox="391 1915 678 1948">11888609 Upper spreader</p>	<ul style="list-style-type: none"> ○ 1-needle overlock machine MO-2401E-0D4-300 MO-2Δ02E-0D4-200,300 MO-2Δ03E-0D4-200,300 MO-2Δ03E-0F4-300 ○ Safety stitch machine MO-2440E-DD4-300 MO-2Δ15E-DD4-300 MO-2Δ15E-BD4-300 MO-2Δ15E-FF6-500
	Usage	Simultaneous replacement parts
	For 2-thread and 1-thread overlock For 4-thread safety stitch	Lower spreader 11888708 MO-2401E-0D4-300 MO-2440E-DD4-300

No.	Configuration	Applicable models
9	 <p>11829405 Double-chain looper</p>	<ul style="list-style-type: none"> ○ All standard subclass safety stitch machine models
	Usage	Simultaneous replacement parts
	For standard safety stitch	
	Usage	Simultaneous replacement parts
	Usage	Simultaneous replacement parts
	Usage	Simultaneous replacement parts

MO-2500/2400 Standard tip guard cover list

No.	Configuration	Applicable models	Simultaneous replacement parts
1	 <p data-bbox="271 622 569 651">11867108 Tip guard cover</p>	<ul style="list-style-type: none"> ○ 1-needle overlock machine Standard subclass machine with overedging width of D or less ○ 2-needle overlock machine MO-2Δ14E-ZA5-100 } Total overedging width : 3.6 mm MO-2Δ14E-XB5-100 } or less MO-2Δ14E-AB4-100 } <p data-bbox="749 459 1199 521">*Total overedging width = Needle gauge + overedging width.</p> 	
2	 <p data-bbox="271 1131 569 1160">11867207 Tip guard cover</p>	<ul style="list-style-type: none"> ○ 1-needle overlock machine Standard subclass machines with overedging width of E or more ○ 2-needle overlock machine Standard subclass machine with total overedging width or 4 mm or more 	
3	 <p data-bbox="271 1630 569 1659">11867306 Tip guard cover</p>	<ul style="list-style-type: none"> ○ Safety stitch machine Standard subclass machines with overedging width of D or less 	
4	 <p data-bbox="271 2107 569 2136">11867405 Tip guard cover</p>	<ul style="list-style-type: none"> ○ Safety stitch machine Standard subclass machines with overedging width of E or more <p data-bbox="749 1816 989 2000">MO-2Δ43E-BBD6-300 MO-2Δ43E-BBD6-340 MO-2Δ43E-DBD6-300 MO-2Δ43E-DBD6-340 MO-2Δ43E-FBD6-300 MO-2Δ43E-FBD6-340</p>	

No.	Configuration	Applicable models	Simultaneous replacement parts
5	 <p>11867504 Tip guard cover</p>	<ul style="list-style-type: none"> ○ MO-2Δ16E-RH6-100 MO-2Δ16E-RH6-320 	
6	 <p>11867603 Tip guard cover</p>	<ul style="list-style-type: none"> ○ MO-2Δ16E-DD4-360/N067 MO-2Δ45E-DD4-360/N077 MO-2Δ45E-ED4-360/N077 	
7	 <p>11867801 Tip guard cover</p>	<ul style="list-style-type: none"> ○ MO-2Δ05E-OD4/210 	

10.

Replacement Gauge Parts Lists

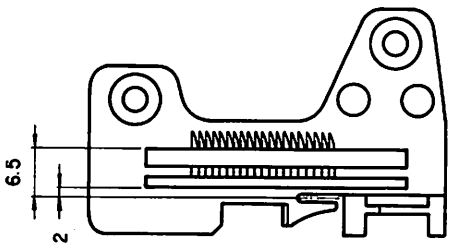
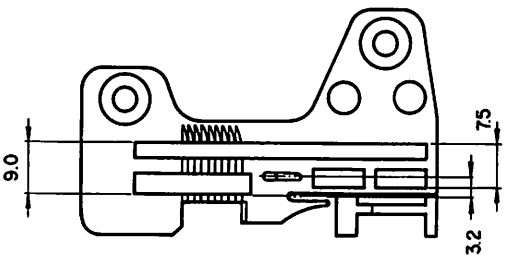
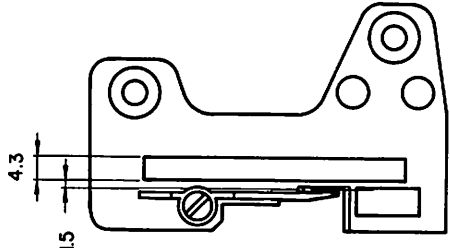
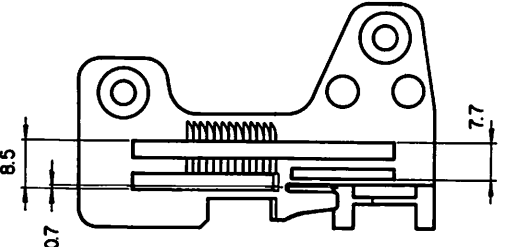
The replacement gauge parts are discrete gauge parts which come in the following types. Each of them has its own code. Properly use them according to applications.

1. Replacement throat plate E01 ~
2. Replacement feed dog (main feed dog, differential feed dog, and auxiliary feed dog) F01~
3. Replacement presser foot (presser foot assembly, presser foot, and stitch tongue or rear presser foot) G01~

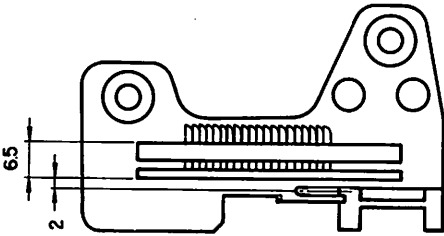
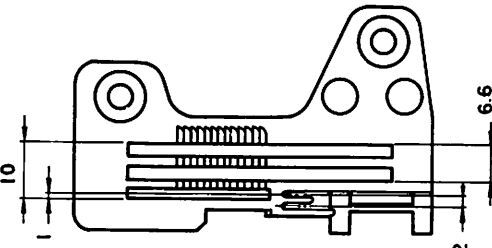
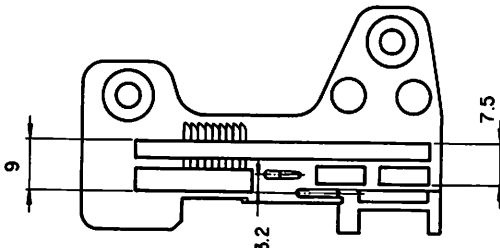
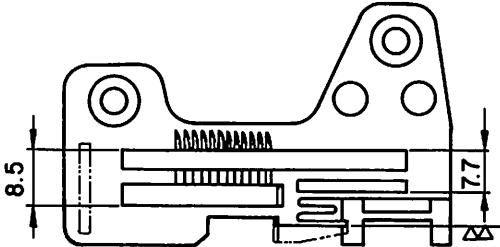
How to specify replacement gauge parts

When using a replacement gauge part to meet your special stitching requirements that can not be covered by the ordinary model specifications, specify a required replacement gauge part by putting a stroke (/) after the subclass code by application in the model numbering, then adding the code of the required replacement gauge part. When two or more replacement gauge parts are used, add their codes in alphabetical order (remember to put a stroke (/) after each replacement gauge part code).

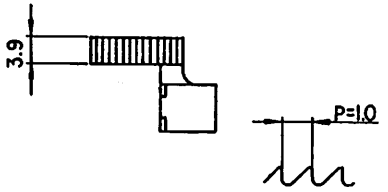
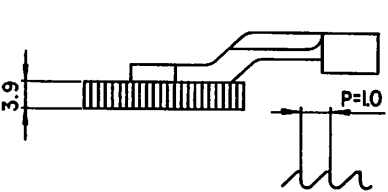
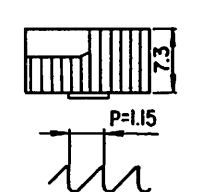
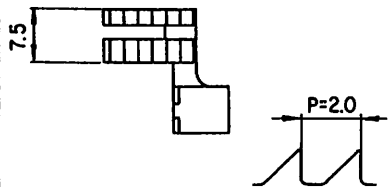
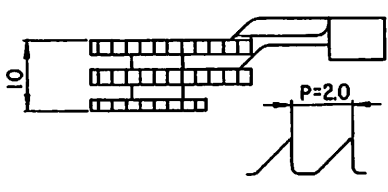
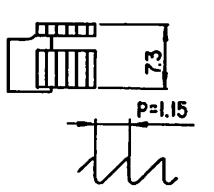
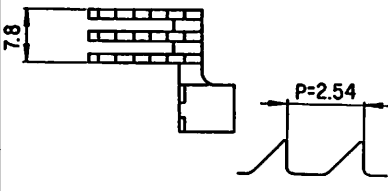
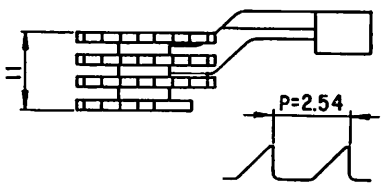
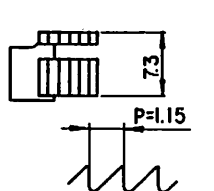
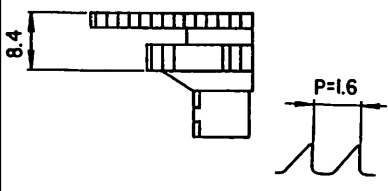
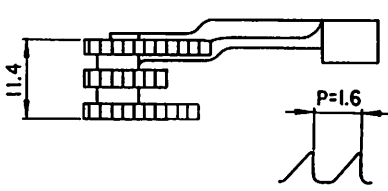
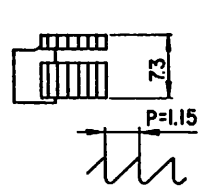
MO-2500/2400 Standard replacement throat plate list

No.	Configuration	Applicable models	Simultaneous replacement parts
1	 <p>E-01 R4200H0DD0A</p>	<p>1-needle overlock machine MO-2Δ04E-0D4-305</p> <p>For overedging width adjustable type machine (Overedging width is adjusted by presser foot.)</p>	<p>Presser foot asm: G-14 11878469</p>
2	 <p>E-02 R4508H0DD0B</p>	<p>Safety stitch machine MO-2Δ16E-DD4-305</p> <p>For overedging width adjustable type machine (Overedging width is adjusted by presser foot.)</p>	<p>Presser foot asm: G-15 11880267</p>
3	 <p>E-03 R4100H0BC0A</p>	<p>1-needle overlock machine MO-2Δ04E-0B5-150</p> <p>For narrow overedging (rolling in) (Throat plate hook is screw-fixed.)</p>	<p>Presser foot asm: 11876067 Main feed dog: 11883204 Differential feed dog: 11885506 Auxiliary feed dog: 11887700</p>
4	 <p>E-04 R4200H0ED0A</p>	<p>MO-2Δ14E-BD4-300 (2-needle overlock machine) ↕ MO-2Δ04E-0E4-300/E-04 (1-needle overlock machine)</p> <p>Used when changing 2-needle BD4 machine into 1-needle OE4 machine in function (Throat plate for changing BD4 to OE4)</p>	<p>—</p>

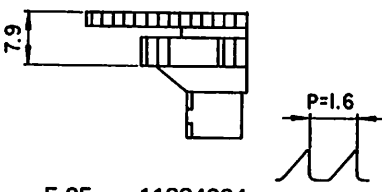
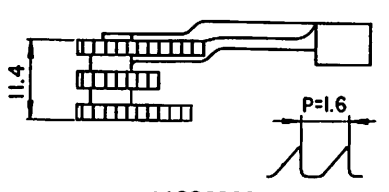
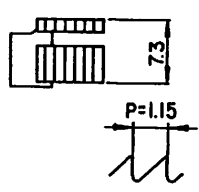
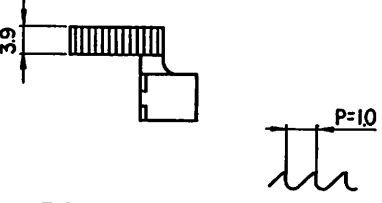
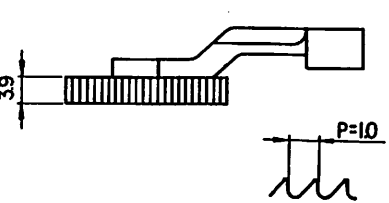
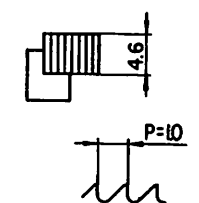
STANDARD MO-2500/2400 REPLACEMENT THROAT PLATE LIST

No.	Configuration	Applicable models	Simultaneous replacement parts
5	 <p>E-05 R4200H0DD0B</p>	<p>MO-2Δ04E-0D4-305</p> <p>For overedging width adjustable type 1-needle overlock machine Overedging width is adjusted by the throat plate hook (auxiliary hook).</p>	<p>Regulator hook: 11892205 Regulator hook set base: 11892403 Screw: SD0640211SP Screw: SS5090420SP</p>
6	 <p>E-06 R4305H0DE0B</p>	<p>MO-2Δ14E-BD6-305</p> <p>For overedging width adjustable type 2-needle overlock machine</p>	<p>Regulator hook: 11892205 Regulator hook set base: 11892403 Screw: SD0640211SP Screw: SS5090420SP</p>
7	 <p>E-07 R4508H0DD0C</p>	<p>MO-2Δ16E-DD4-305</p> <p>For overedging width adjustable type safety stitch machine</p>	<p>Regulator hook: 11892304 Regulator hook set base: 11892403 Screw: SD0640211SP Screw: SS5090420SP</p>
	 <p>E-08 R4205H0DE0A</p>	<p>MO-2Δ14E-BD4-305</p> <p>For overedging width adjustable type 2-needle overlock machine</p>	<p>Regulator hook: 11892205 Regulator hook set base: 11892403 Screw: SD0640211SP Screw: SS5090420SP</p>

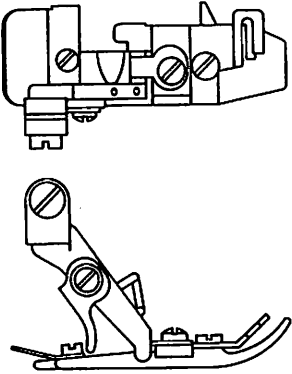
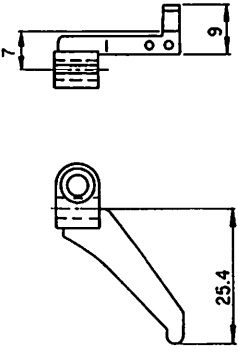
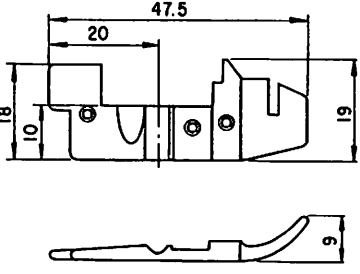
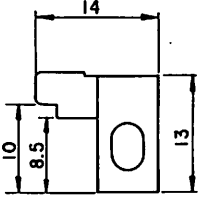
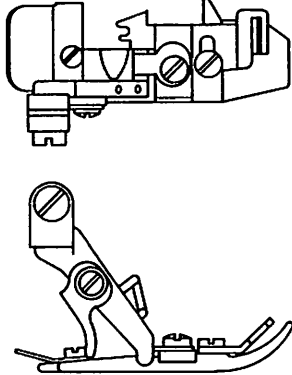
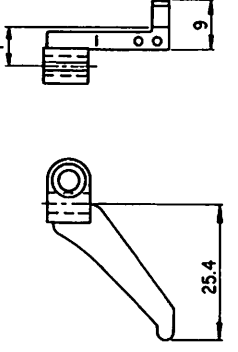
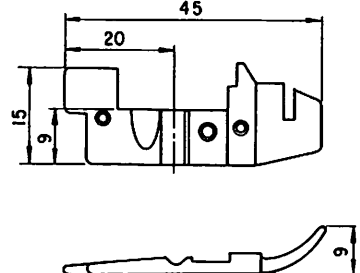
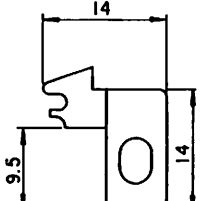
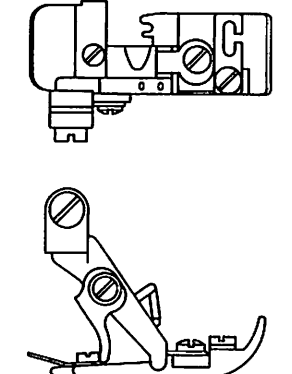
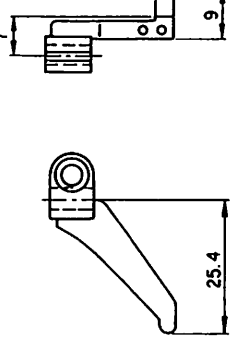
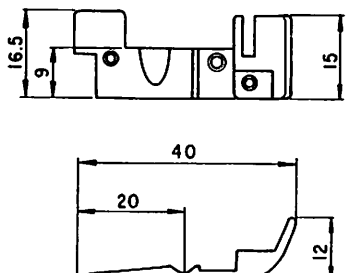
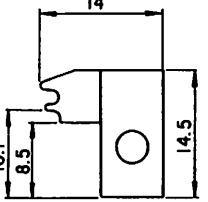
MO-2500/2400 Replacement feed dog list

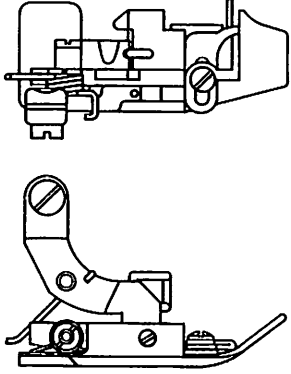
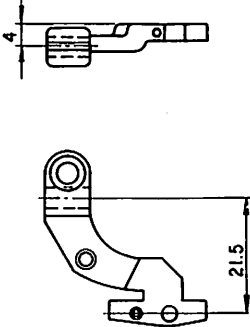
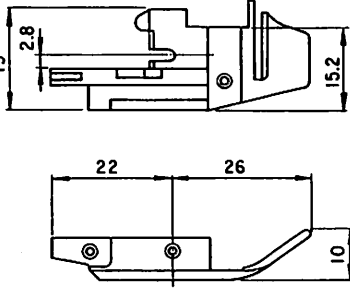
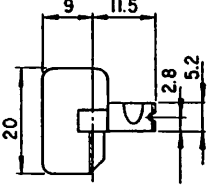
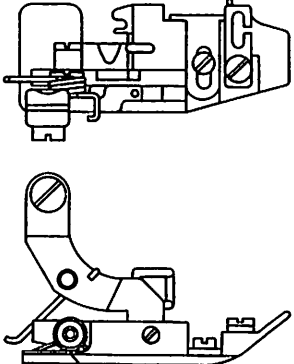
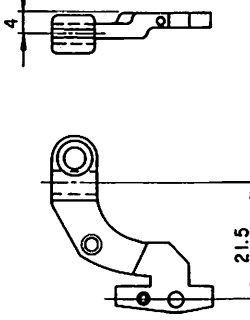
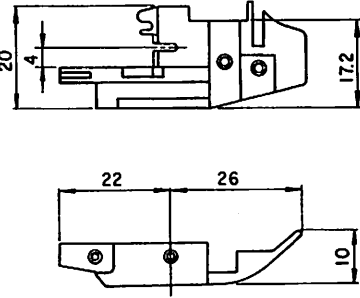
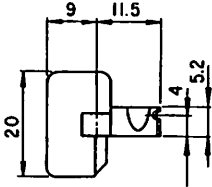
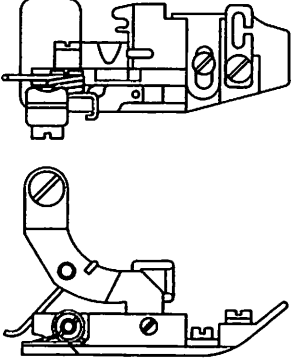
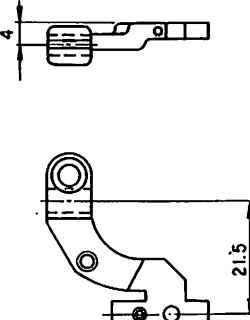
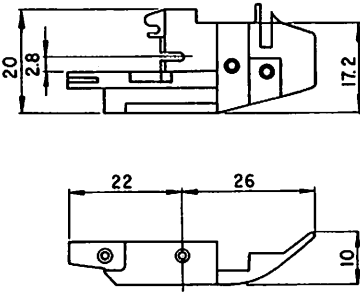
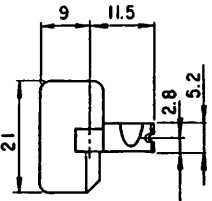
No.	Main feed dog	Differential feed dog	Auxiliary feed dog	Applicable models
1	 <p>F-01 11883204</p>	 <p>11885506</p>	 <p>11887007</p>	MO-2Δ04E-0A5-150 MO-2Δ14E-ZA5-100 MO-2Δ14E-XB5-100
	Usage		Simultaneous replacement parts	
	Overedging of general fabrics, stockings, handkerchiefs, etc.			
2	 <p>F-02 11883303</p>	 <p>11885605</p>	 <p>11887106</p>	MO-2Δ04E-0D6-300 MO-2Δ04E-0F6-500 MO-2Δ04E-0H6-500
	Usage		Simultaneous replacement parts	
	Powerful feeding in 1-needle overlock machine for heavy-weight material			
3	 <p>F-03 11883600</p>	 <p>B1657814B0G</p>	 <p>11887106</p>	MO-2Δ14E-BD7-4A0 MO-2Δ14E-BD7-4A3
	Usage		Simultaneous replacement parts	
	Powerful feeding in those machines for wool			
4	 <p>F-04 11882305</p>	 <p>11886009</p>	 <p>11887403</p>	MO-2Δ16E-DF6-500 MO-2Δ16E-DH6-500 MO-2Δ43E-DBD6-300
	Usage		Simultaneous replacement parts	
	Safety stitching of general fabrics (light- to medium-weight material)		MO-2Δ43E-DBD6-300 Throat plate R4608H0DE01 Presser foot asm. 11877966 Needle clamp 11870755	

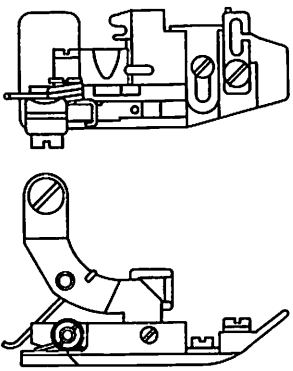
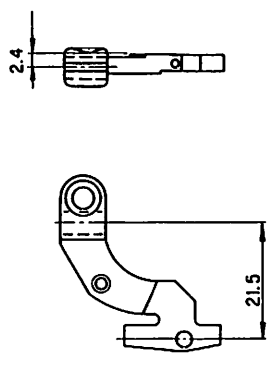
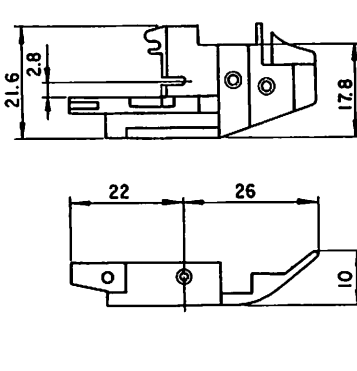
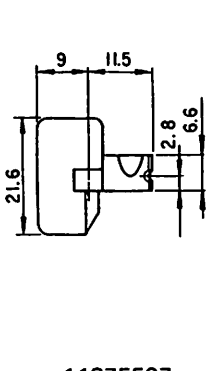
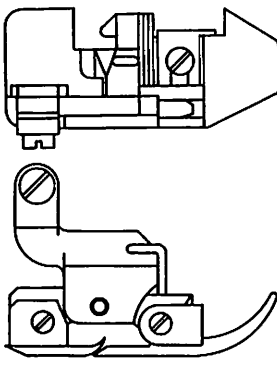
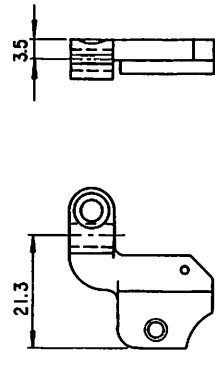
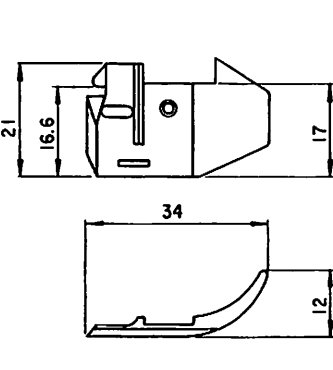
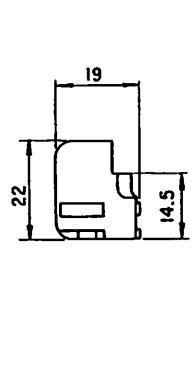
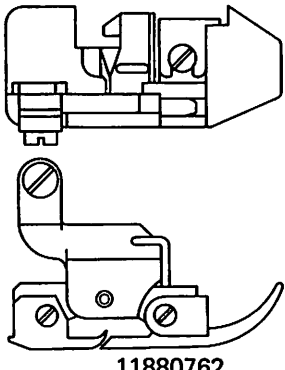
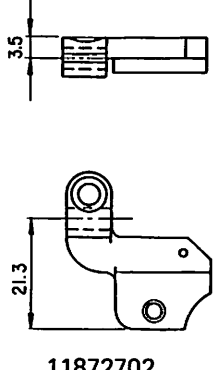
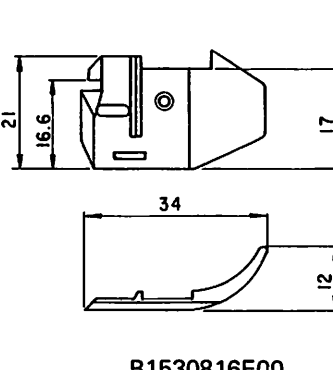
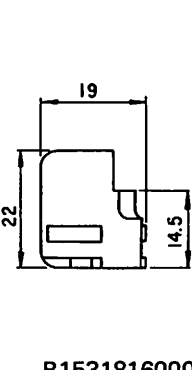
MO-2500/2400 REPLACEMENT FEED DOG LIST

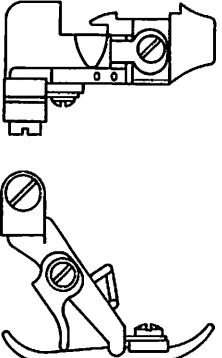
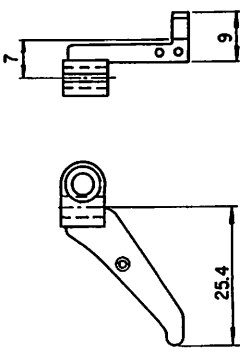
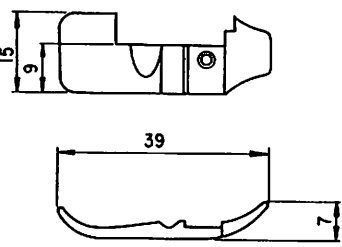
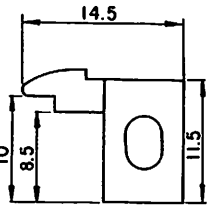
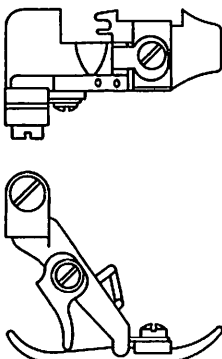
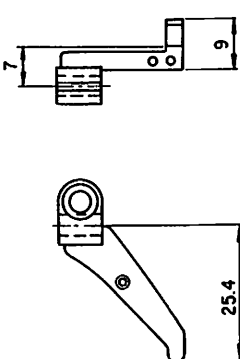
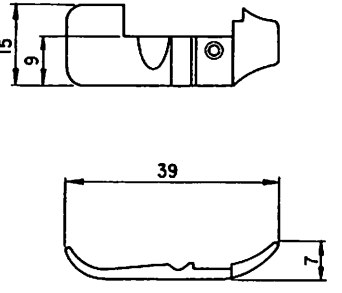
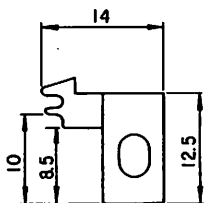
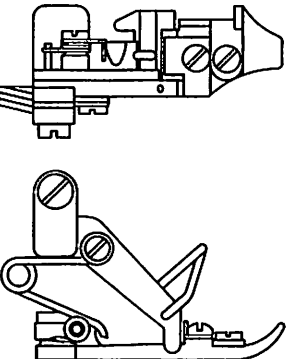
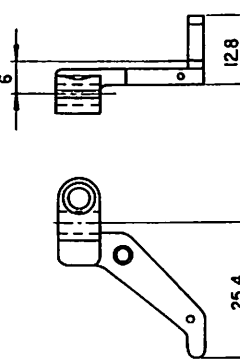
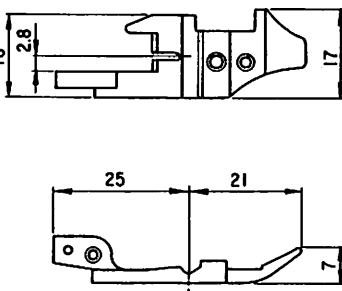
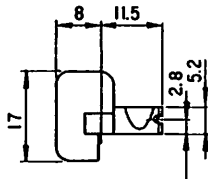
No.	Main feed dog	Differential feed dog	Auxiliary feed dog	Applicable models
5	 <p>F-05 11884004</p>	 <p>11886009</p>	 <p>11887403</p>	<p>MO-2Δ16E-FF6-500 MO-2Δ16E-FG6-500 MO-2Δ16E-FH6-500 MO-2Δ16E-FF6-100 MO-2Δ16E-RH6-100 MO-2Δ43E-FBD6-300</p>
Usage		Simultaneous replacement parts		
Safety stitching of general fabrics (light- to medium-weight material)		<p>MO-2Δ16E-FF6-100 Throat plate R4612H0FB00 Presser foot asm. 11880564 MO-2Δ16E-RH6-100 Throat plate R4617H0HB00 Presser foot asm. 11880960 Needle clamp 11870557</p> <p>MO-2Δ43E-FBD6-300 Throat plate R4612H0DE01 Presser foot asm. 11878063 Needle clamp 11870854</p>		
6	 <p>F-06 11883204</p>	 <p>11885506</p>	 <p>11887700</p>	MO-2Δ04E-0B5-150
Usage		Simultaneous replacement parts		
Roll-in overedging of general fabrics, stockings, handkerchiefs, etc.		Throat plate R4100H0BC0A		
Usage		Simultaneous replacement parts		
Usage		Simultaneous replacement parts		
Usage		Simultaneous replacement parts		
Usage		Simultaneous replacement parts		

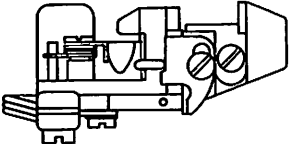
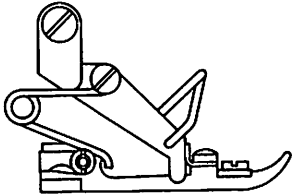
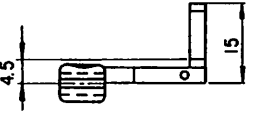
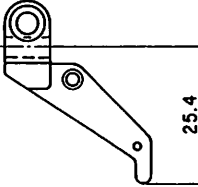
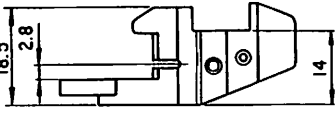
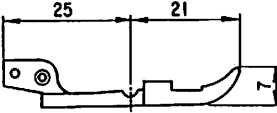
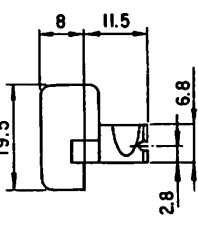
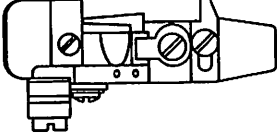
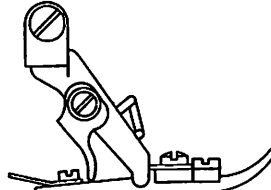
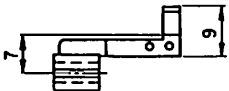
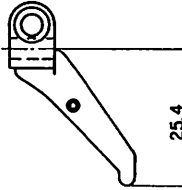
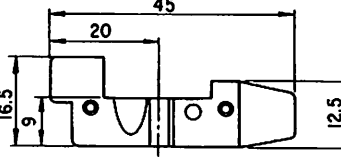
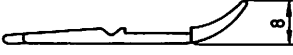
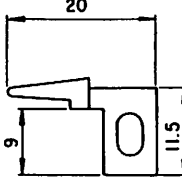
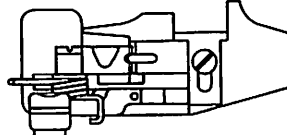
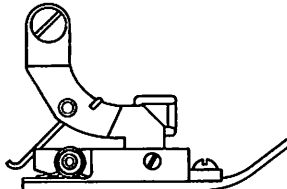
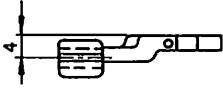
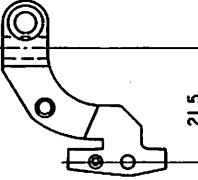
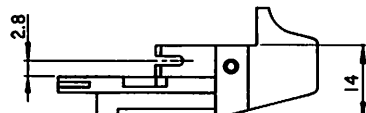
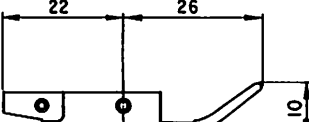
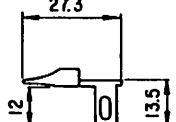
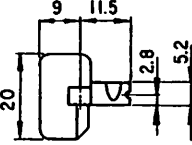
MO-2500/2400 Replacement presser foot list

No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue/ Rear presser foot
1	 G-01 11878964 Presser foot asm.	 11872009 Presser foot hinge	 B1507814B0B Tape attaching presser foot	 B1509804C0B Stitch tongue
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0F6-500 MO-2Δ04E-0H6-500 MO-2Δ04E-0F6-4A0 MO-2Δ04E-0F6-4A3		Reinforcement tape (wooly spin tape, etc.) attaching presser foot for 1-needle overlock machine.	
2	 G-02 11879269 Presser foot asm.	 11872009 Presser foot hinge	 B1507814B0B Tape attaching presser foot	 B1509814B0B Stitch tongue
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-BD6-300 MO-2Δ14E-BD7-4A3 MO-2Δ14E-CD6-300 MO-2Δ14E-BD6-4A0 MO-2Δ14E-BD6-4A3 MO-2Δ14E-BD7-4A0		Reinforcement tape (wooly spin tape, etc.) attaching presser foot for 2-needle overlock machine.	
3	 G-03 11879467 Presser foot asm.	 11872009 Presser foot hinge	 B1507814B0E Tape attaching presser foot	 B1509814B0E Stitch tongue
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ14E-BD6-320		Reinforcement tape attaching presser foot for 2-needle overlock gathering.	Throat plate : R4305H0DE0A Main feed dog : 11883402 Differential feed dog : B1657814B0L

No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
4	 <p>G-04 11880168 Hinging presser foot asm.</p>	 <p>11872108 Presser foot hinge</p>	 <p>B1507816D0T Hinging presser foot</p>	 <p>11875309 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DD4-300 MO-2Δ16E-DD6-500 MO-2Δ16E-DE4-300 MO-2Δ15E-DD4-300 MO-2Δ16E-DF4-300 MO-2Δ16E-DG4-300 MO-2Δ16E-DH4-300		Reinforcement tape attaching presser foot for safety stitch machine.	
5	 <p>G-05 11881067 Hinging presser foot asm.</p>	 <p>11872108 Presser foot hinge</p>	 <p>11873304 Hinging presser foot</p>	 <p>11875101 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ43E-BBD6-300		Tape attaching presser foot for 3-needle safety stitch. Used as tape attaching presser foot for 2-needle overlock stitch when the safety stitching needle is removed.	
6	 <p>G-06 11881166 Hinging presser foot asm.</p>	 <p>11872108 Presser foot hinge</p>	 <p>11873403 Hinging presser foot</p>	 <p>11875408 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ43E-DBD6-300		Tape attaching presser foot for 3-needle safety stitch. Used as tape attaching presser foot for 2-needle overlock stitch when the safety stitching needle is removed.	

No.	Presser foot asm.	Presser foot hinge	Presser foot	Rear presser foot
7	 <p>G-07 11881265 Hinging presser foot asm.</p>	 <p>11872207 Hinging presser foot hinge</p>	 <p>11873502 Hinging presser foot</p>	 <p>11875507 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ43E-FBD6-300		Tape attaching presser foot for 3-needle safety stitch. Used as tape attaching presser foot for 2-needle overlock stitch when the safety stitching needle is removed.	
8	 <p>G-08 11880366 Presser foot asm. for double fabric sewing</p>	 <p>11872702 Hinge arm for double fabric sewing</p>	 <p>B1530816000 Front presser foot</p>	 <p>B1531816000 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DH6-500 MO-2Δ16E-DF6-500		Safety stitching presser foot suited for double fabric sewing Tractor holder	
9	 <p>G-09 11880762 Presser foot asm. for double fabric sewing</p>	 <p>11872702 Hinge arm for double fabric sewing</p>	 <p>B1530816F00 Front presser foot</p>	 <p>B1531816000 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ15E-FF6-500 MO-2Δ16E-FF6-500 MO-2Δ16E-FG6-500 MO-2Δ16E-FH6-500		Safety stitching presser foot suited for double fabric sewing Tractor holder	

No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue Rear presser foot
10	 <p>G-10 11878766 Presser foot asm.</p>	 <p>11872009 Presser foot hinge</p>	 <p>B1507804C0A Presser foot</p>	 <p>B1509804C00 Stitch tongue</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0C4-300 MO-2Δ04E-0D4-300 MO-2Δ02E-0D4-200 MO-2Δ04E-0E4-300 MO-2Δ02E-0D4-300 MO-2Δ03E-0D4-200 MO-2Δ04E-0D4-200		1-needle overlocking presser foot suited for sewing sharp curves. *Setting sleeves to shoulders.	
11	 <p>G-11 11879160 Presser foot asm.</p>	 <p>11872009 Presser foot hinge</p>	 <p>B1507804C0A Presser foot</p>	 <p>B1509814B00 Stitch tongue</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ06E-BD4-200 MO-2Δ14E-BE6-300 MO-2Δ06E-BD4-300 MO-2Δ06E-CD4-300 MO-2Δ14E-BD4-200 MO-2Δ12E-CD4-300 MO-2Δ14E-BD4-300 MO-2Δ12E-CD6-300 MO-2Δ14E-BE4-300 MO-2Δ14E-CD4-300 MO-2Δ14E-BD6-300 MO-2Δ14E-CD6-300		1-needle overlocking presser foot suited for sewing sharp curves. *Setting sleeves to shoulders.	
12	 <p>G-12 11879962 Presser foot asm.</p>	 <p>11872504 Presser foot hinge</p>	 <p>B1507816D0R Hinging presser foot</p>	 <p>11875804 Rear presser foot</p>
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DD4-300 MO-2Δ16E-DD6-500 MO-2Δ16E-DE4-300 MO-2Δ15E-DD4-300 MO-2Δ16E-DF4-300 MO-2Δ16E-DG4-300 MO-2Δ16E-DH4-300		Safety stitching presser foot suited for sewing sharp curves,	

No.	Presser foot asm.	Presser foot hinge	Presser foot	Stitch tongue Rear presser foot
13	  G-13 11880663 Presser foot asm.	  11872801 Presser foot hinge	  B1507816F0T Hinging presser foot	 11875903 Rear presser foot
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-FF6-500 MO-2Δ16E-FG6-500 MO-2Δ16E-FH6-500 MO-2Δ15E-FF6-500		Safety stitching presser foot suited for sewing sharp curves.	
14	  G-14 11878469 Presser foot asm.	  11872009 Presser foot hinge	  B150781400P Presser foot	 11874500 Stitch tongue
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ04E-0D4-300		1-needle overlocking presser foot for machine with overedging width adjusting mechanism.	Throat plate R4200H0DD0A (E01)
15	  G-15 11880267 Hinging presser foot asm.	  11872108 Hinging presser foot hinge	  B1507816D0C Hinging presser foot	  B1538816000 Stitch tongue 11875309 Rear presser foot
	Applicable models		Application	Simultaneous replacement parts
	MO-2Δ16E-DD4-300		Safety stitching presser foot for machine in which overedging width is adjustable.	Throat plate R4508H0DD0B (E02)

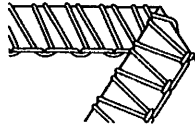
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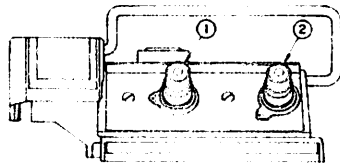
List of Subclass Machines Classified by Stitch Type

This list gives the specifications, applications, adjustment, threading, etc. of each of the most popular models among those classified on the basis of U.S.A. Stitch Type Standard. Also, the replacement parts and exclusive tension controller asm. necessary to change standard subclass machines for each stitch type are contained.

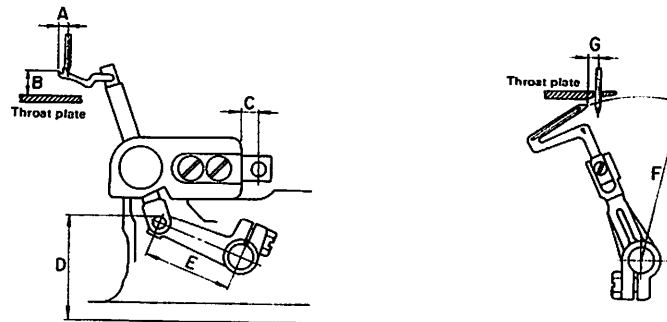
MO-2502

Stitch type - - - - 502 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	2	MO-2502E-0A4-150 MO-2502E-0D4-200 MO-2502E-0D4-300	8000 (7500)	Roll-in seaming of handkerchiefs, etc., and serging

Main replacement parts	Thread tensioner asm
Upper spreader 11888609	 <ul style="list-style-type: none"> ① Thread tension spring asm. (red) B31017040B0 ② Thread tension spring asm. (blue) B31037040B0

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



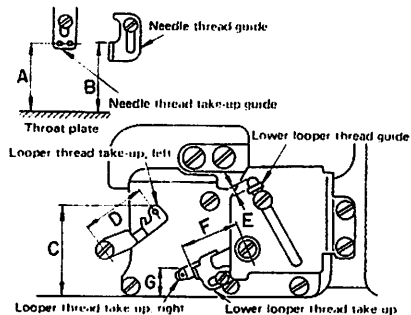
Subclass	Symbol	A	B	C	D	E
0A4, 0D4		4	11	7	45	38

Subclass	Symbol	F	G
0A4, 0D4		664	4

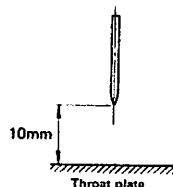
4. Threading the machine
(Set each thread as illustrated)

ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)

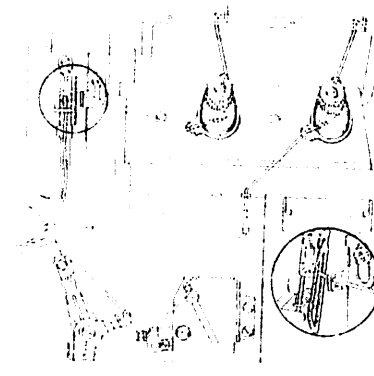


2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



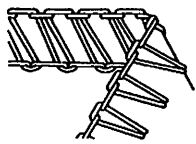
Thread	Symbol	A	B	C	D	E	F	G
For general		74	74	37.5	26	6.5	24	14
Looper thread, Wooly thread		74	74	42	26	6.5	24	14

*For 0A4-150, dimension C is 33mm.



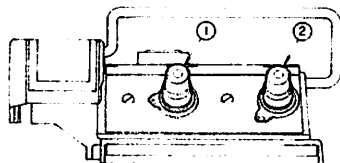
MO-2503

Stitch type ----- 503 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	2	MO-2503E-0D4-200 MO-2503E-0D4-300 MO-2503E-0F4-300	8000 (7500) 7500 (7000)	Serging of general fabrics, and blind hemming of knitwork

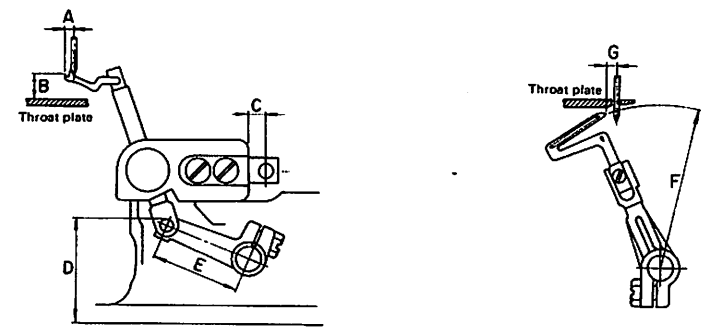
Main replacement parts Thread tensioner asm

Upper spreader 11888609



① Thread tension spring asm. (blue) B3103704080
② Thread tension spring asm. (yellow) B3102704080

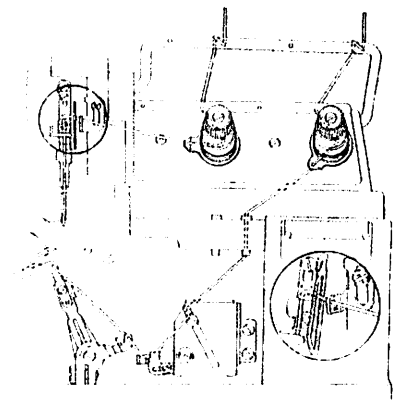
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
OD4		4	11	7	45	38
OF4		4	11	6.5	46.9	39

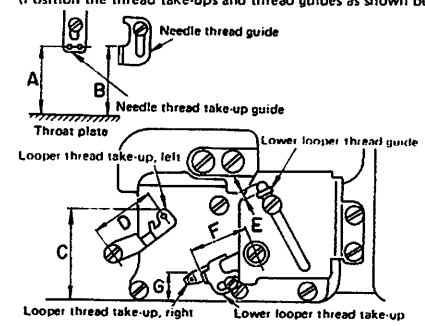
Subclass	Symbol	F	G
OD4		66.4	4
OF4		66.4	4

4. Threading the machine
(Set each thread as illustrated)

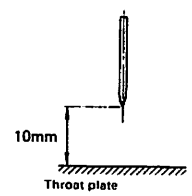


ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)



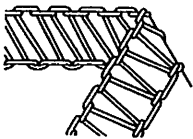
2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



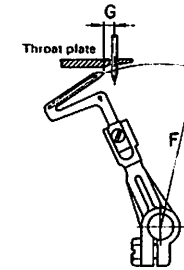
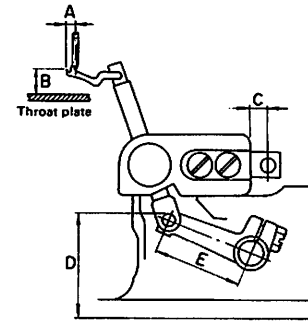
Thread	Symbol	A	B	C	D	E	F	G
For general		79.5	81.5	36.5	26.5	9	18	13
Looper thread, Wooly thread		77.5	81.5	44	26.5	9	18	13
Blind hemming stitch		77.5	79.5	44	26.5	9	18	13

MO-2504

Stitch type - - - - 504 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	3	MO-2504E-0A4-150 MO-2504E-0C4-300 MO-2504E-0D4-200 MO-2504E-0D4-300 MO-2504E-0E4-300 MO-2504E-0D6-300	8500 (8000)	Closing stitches on panty hose toes, socks, etc. Roll-in seaming of handkerchiefs, etc.
			MO-2504E-0F4-300 MO-2504E-0H4-300 MO-2504E-0F6-500 MO-2504E-0H6-500	7500 (7000)	Joining fabrics; and over- edging of general fabrics, knitwork, jersey, heavy-weight materials, denim, etc.

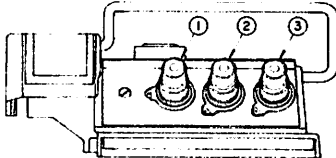
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Main replacement parts

Refer to the list of subclass machines for special applications.

Thread tensioner asm



Standard

- ① Thread tension spring asm. (red) B31017040B0
- ② Thread tension spring asm. (yellow) B31027040B0
- ③ Thread tension spring asm. (blue) B31037040B0

Heavy-weight materials, Wide overedging

- ① Thread tension spring asm. (red) B31017040B0
- ② Thread tension spring asm. (blue) B31037040B0
- ③ Thread tension spring asm. (yellow) B31027040B0

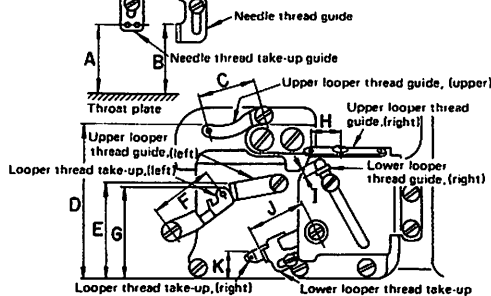
Subclass	Symbol	A	B	C	D	E
0A4 ~ 0E4		4	11	7	45	38
0D6						
0F4 ~ 0H4		4	10.5	6.5	46.9	39
0F6 ~ 0H6						
0F6 ~ 4A0		4.5	10.2	5.5	47.3	39

Subclass	Symbol	F	G
0A4 ~ 0E4		66.4	4
0D6			
0E4 ~ 0H4		66.4	4
0F6 ~ 0H6			
0F6 ~ 4A0		66.9	3.5

4. Threading the machine
(Set each thread as illustrated)

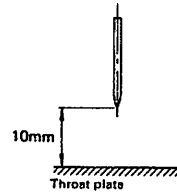
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)



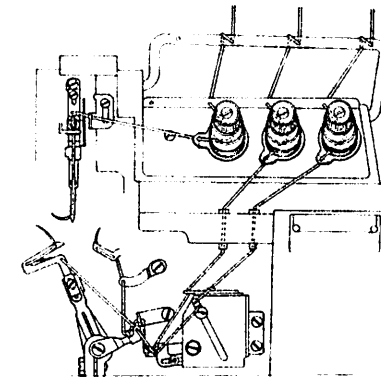
Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	37.5	12	6.5	24	14
Looper thread, Woolly thread		74	74	22.5	63.5	40.5	26	45	12	6.5	24	14
Soft chain		79.5	79	22.5	63.5	40.5	26	41	13	28	19	14
Soft chain Woolly thread		79.5	79	22.5	63.5	40.5	26	47	26.5	33.5	19	14

2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



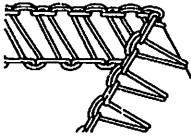
The above height should be 9.5mm for MO-2404-0F6-4A0 (4A3)

* For 0A4, 0A5-150, dimension G is 33mm.

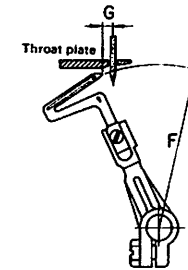
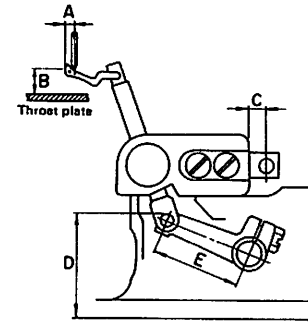


MO-2505

Stitch type - - - - 505 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	3	MO-2505E-0D4-210	8500 (8000)	Blind hemming

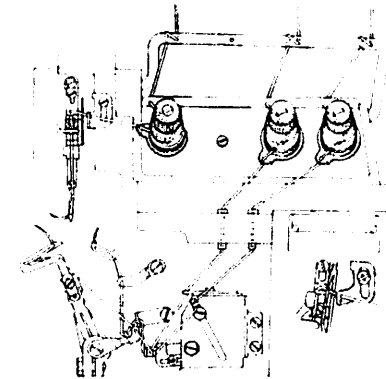
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
0D4		4	11	7	45	38

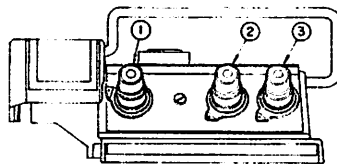
Subclass	Symbol	F	G
0D4		66.4	4

4. Threading the machine
(Set each thread as illustrated)



Main replacement parts

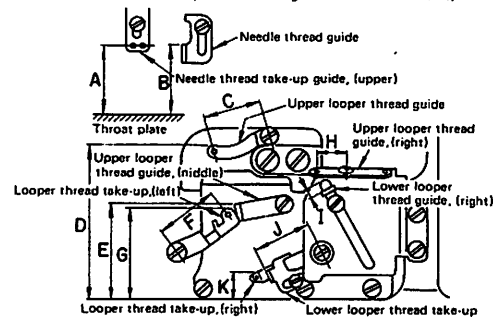
Thread tensioner asm



- ① Thread tension spring asm. (yellow) B31027040B0
- ② Thread tension spring asm. (blue) B31037040B0
- ③ Thread tension spring asm. (yellow) B31027040B0

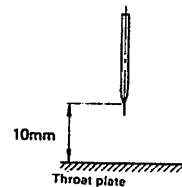
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)



Symbol	A	B	C	D	E	F	G	H	I	J	K
For general	74	74	22.5	63.5	40.5	26	37.5	9.5	24.5	19	14
Looper thread, Wooly thread	74	74	22.5	63.5	40.5	26	45	12	33.5	19	14

2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



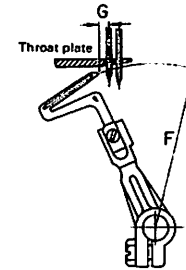
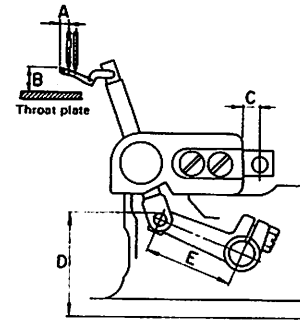
MO-2506

Stitch type - - - - 506 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2506E-BD4-200 MO-2506E-BD4-300 MO-2506E-CD4-300	8000 (7500) 7500 (7000)	Overedging of knit materials such as knitwork and jersey
Main replacement parts		Thread tensioner asm			
Thread tension spring asm., (colorless) B31217040B0			<ul style="list-style-type: none"> ① Thread tension spring asm. (colorless) B31217040B0 ② Thread tension spring asm. (yellow) B31027040B0 ③ Thread tension spring asm. (blue) B31037040B0 ④ Thread tension spring asm. (yellow) B31027040B0 		

3. How to adjust the upper and lower loopers

(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

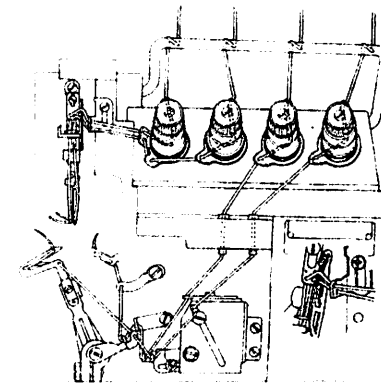


Subclass	Symbol	A	B	C	D	E
BD4		4.8	10.7	7	46.7	39
CD4		4.3	10.5	6.5	47.3	39

Subclass	Symbol	F	G
BD4		66.4	4
CD4		66.4	3.2

4. Threading the machine

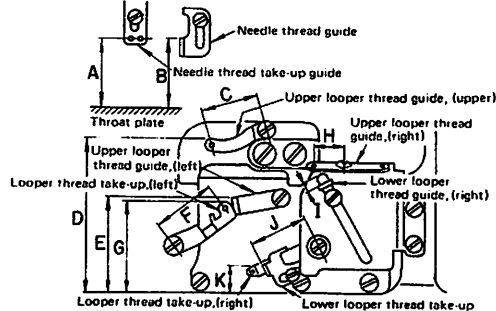
(Set each thread as illustrated)



ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides

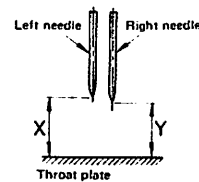
(Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Woolly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

2. Height of needles

(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



Subclass	Symbol	X	Y
BD4		10	9
CD4		10.2	8.9

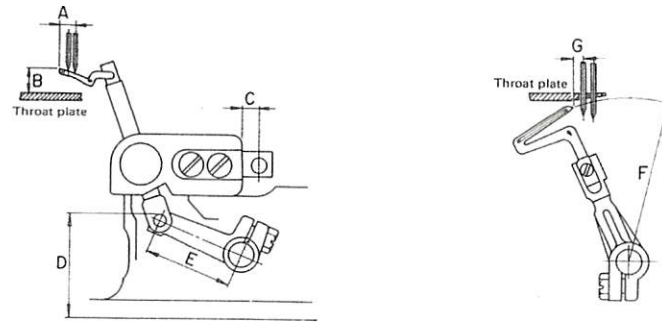
MO-2507

Stitch type - - - - 507 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2507E-DF6-500	7500 (7000)	Imitation safety stitching of general fabrics, medium-to heavy-weight materials, and knit materials.

Main replacement parts	Thread tensioner asm
Thread tension spring asm., (colorless) B31217040B0	<ul style="list-style-type: none"> ① Thread tension spring asm. (colorless) B31217040B0 ② Thread tension spring asm. (red) B31017040B0 ③ Thread tension spring asm. (blue) B31037040B0 ④ Thread tension spring asm. (yellow) B31027040B0

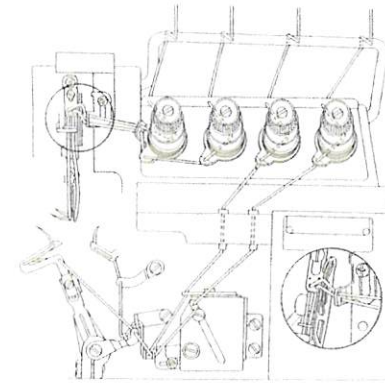
3. How to adjust the upper and lower loopers (Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
DF6		4	10.8	6	46.6	39

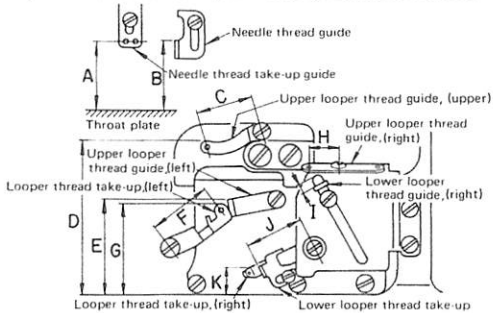
Subclass	Symbol	F	G
DF6		66.4	2.6

4. Threading the machine (Set each thread as illustrated)



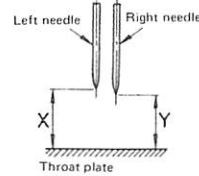
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides (Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general	74	74	22.5	63.5	40.5	26	40.5	13	14	23	14	
Looper thread, Wooly thread	74	74	22.5	63.5	40.5	26	45	18.5	14	23	14	

2. Height of needles (Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



Symbol	X	Y
DF6	10.5	8.9

MO-2512

Stitch type 512 (U.S.A. stitch types standard)

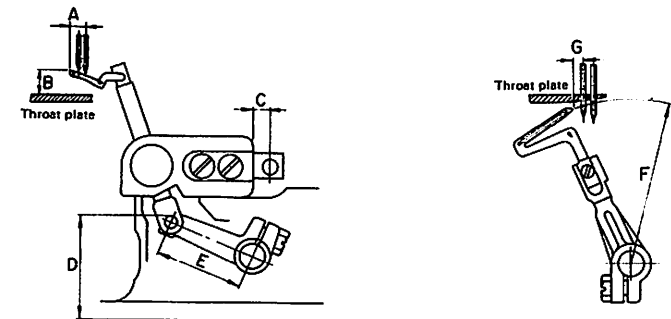
Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2512E-CD4-300 MO-2512E-CD6-300 MO-2512E-CF6-500 MO-2512E-DD6-500 MO-2512E-DF6-500	7500 (7000)	Imitation safety stitching of general fabrics and knit materials Imitation safety stitching of medium- to heavy-weight materials

Main replacement parts Thread tensioner asm

Refer to standard subclass list

- ① Thread tension spring asm. (red) B3101704080
- ② Thread tension spring asm. (yellow) B3102704080
- ③ Thread tension spring asm. (yellow) B3102704080
- ④ Thread tension spring asm. (blue) B3102704080

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



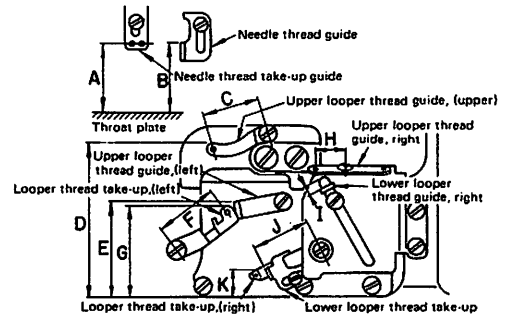
Subclass	Symbol	A	B	C	D	E
CD4, CD6		4.3	10.3	5.5	46.6	39
CF6		3.6	10.8	6	46.6	39
DD6, DF6		4	10.8	6	46.6	39

Subclass	Symbol	F	G
CD4, CD6		66.4	3.5
CF6		66.4	2.6
DD6, DF6		66.4	2.6

4. Threading the machine
(Set each thread as illustrated)

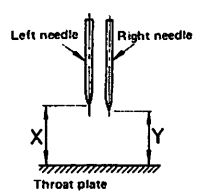
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)

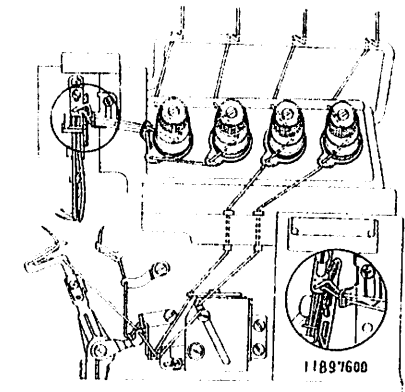


Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Woolly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

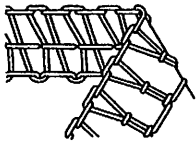
2. Height of needles
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



Subclass	Symbol	X	Y
CD4, CD6		10.5	9.2
CF6		10.5	9.2
DD6, DF6		10.5	8.9

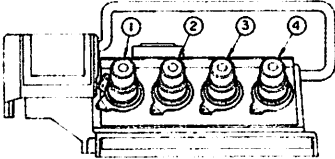


MO-2514 Stitch type - - - - 514 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2514E-ZA5-100 MO-2514E-XB5-100	8500 (8000)	Closing stitches on panty hose toes, and side seaming
			MO-2514E-AB4-100 MO-2514E-AD4-300 MO-2514E-BB4-300 MO-2514E-BD4-200 MO-2514E-BD4-300 MO-2514E-BE4-300		
			MO-2514E-CD6-300 MO-2514E-BD6-300 MO-2514E-CD6-300	7500 (7000)	Overedging of medium-weight knit, jersey, heavy-weight and bulky materials.

Main replacement parts Thread tensioner asm

Refer to standard subclass list



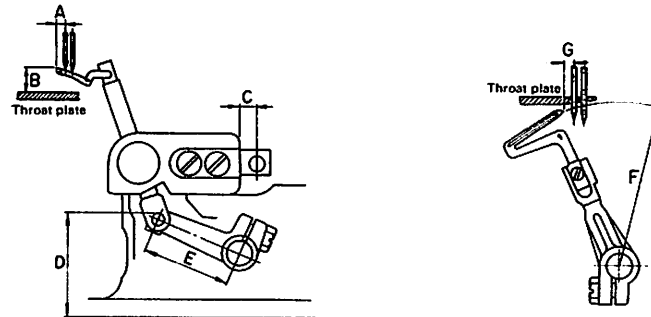
Light-weight materials

- ① Thread tension spring asm. (yellow) B31027040B0
- ② Thread tension spring asm. (yellow) B31027040B0
- ③ Thread tension spring asm. (yellow) B31027040B0
- ④ Thread tension spring asm. (blue) B31037040B0

Standard, Heavy-weight materials

- ① Thread tension spring asm. (red) B31017040B0
- ② Thread tension spring asm. (yellow) B31027040B0
- ③ Thread tension spring asm. (yellow) B31027040B0
- ④ Thread tension spring asm. (blue) B31037040B0

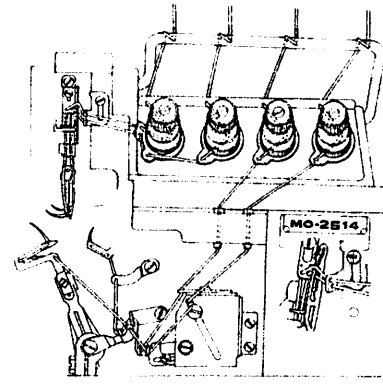
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
ZA5, XB5		4	11	7	45	38
AB4, AD4, BD4, BD6		4.8	10.7	7	46.7	39
CD4, CD6		4.3	10.5	6.5	47.3	39
BD4, BD6-307		4.3	10.3	6	47.3	39
BD6, BD7-4A0		4.5	10.2	5.5	47.3	39

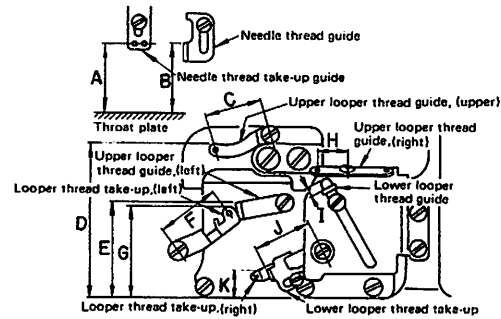
Subclass	Symbol	F	G
ZA5, XB5		66.4	4
AB4, AD4, BD4, BD6		66.4	4
CD4, CD6		66.4	3.2
BD4, BD6-307		66.4	3.5
BD6, BD7-4A0		66.9	3.5

4. Threading the machine
(Set each thread as illustrated)



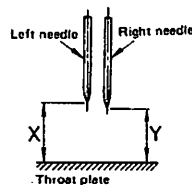
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Wooly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

2. Height of needles
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



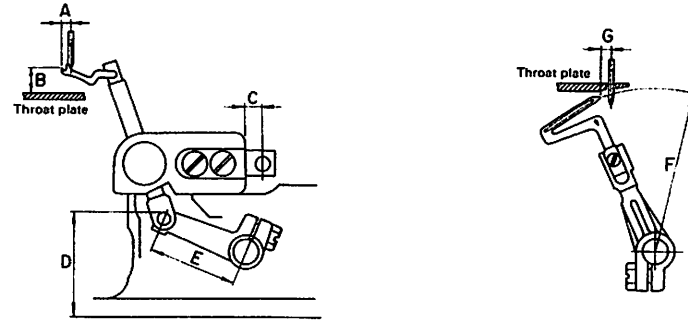
Subclass	Symbol	X	Y
ZA5, XB5		10	10
AB4, AD4		10	9.7
BD4, BD6		10	9
CD4, CD6		10.2	8.9

MO-2515

Stitch type - - - - 515 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2515E-BD4-300 MO-2515E-DD4-300 MO-2515E-FF6-500	7000 (6500) 7000 (6500)	Safety stitching of general fabrics, and knit materials such as jersey Safety stitching of heavy-weight fabrics and knit materials

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

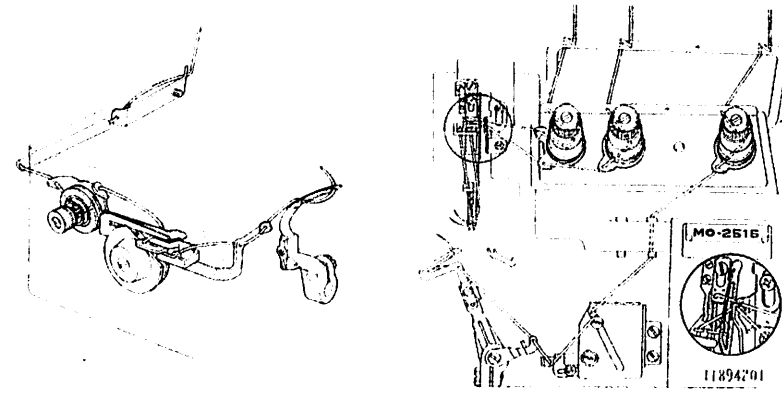


Subclass	Symbol	A	B	C	D	E
BD4, DD4		4	11	7	45	38
FF6		4	11	6.5	46.9	39

Subclass	Symbol	F	G
BD4, DD4		66.4	4
FF6		66.4	4

4. The standard radius and returning amount of the double-chain looper are 63.2mm and 1.8 to 2mm, respectively.

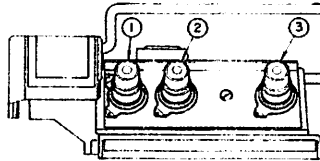
5. Threading the machine
(Set each thread as illustrated)



Main replacement parts

Thread tensioner asm

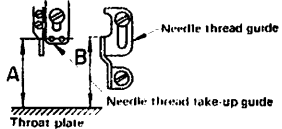
Upper spreader 11886609



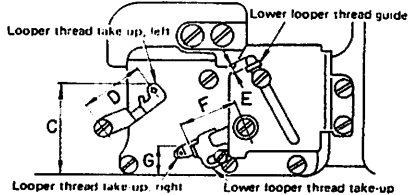
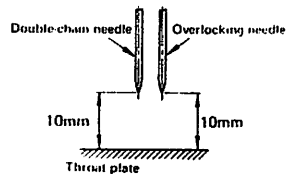
- Standard
- ① Thread tension spring asm. (blue) B31037040B0
 - ② Thread tension spring asm. (yellow) B31027040B0
 - ③ Thread tension spring asm. (yellow) B31027040B0
- Heavy-weight materials
- ① Thread tension spring asm. (blue) B31037040B0
 - ② Thread tension spring asm. (red) B31017040B0
 - ③ Thread tension spring asm. (red) B31017040B0

ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



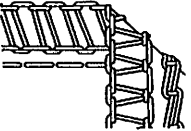
2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



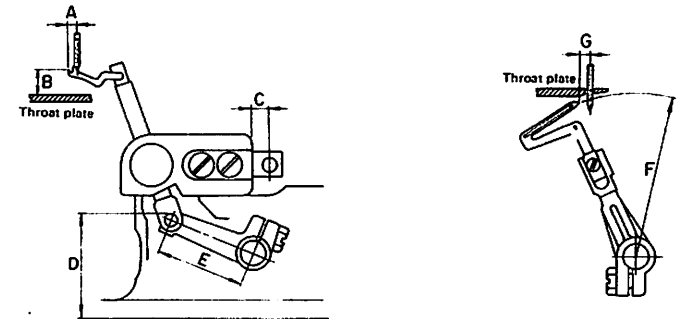
Thread	Symbol	A	B	C	D	E	F	G
For general		79.5	81.5	36.5	26.5	9	18	13
Looper thread, Woolly thread		77.5	81.5	44	26.5	9	18	13

MO-2516

Stitch type - - - - 516 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	5	MO-2516E-BD4-300 MO-2516E-CD4-300 MO-2516E-DD4-300 MO-2516E-DE4-300	7500 (7000)	Safety stitching of general fabrics and knit materials such as jersey.
			MO-2516E-AF4-300 MO-2516E-DF4-300 MO-2516E-DH4-300	7000 (6500)	Safety stitching of general fabrics and knit materials such as jersey with greater overedging width.
			MO-2516E-BD6-500 MO-2516E-CD6-500 MO-2516E-DD6-500 MO-2516E-DF6-500 MO-2516E-FF6-500 MO-2516E-FH6-500	7000 (6500)	Safety stitching of heavy-weight fabrics such as denim and heavy-weight knit.
			MO-2516E-DD4-100 MO-2516E-FF6-100 MO-2516E-RH6-100	7500 (7000) 7000 (6500) 6000 (5500)	Safety stitching of light-weight fabrics such as georgette etc. with greater overedging width.

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

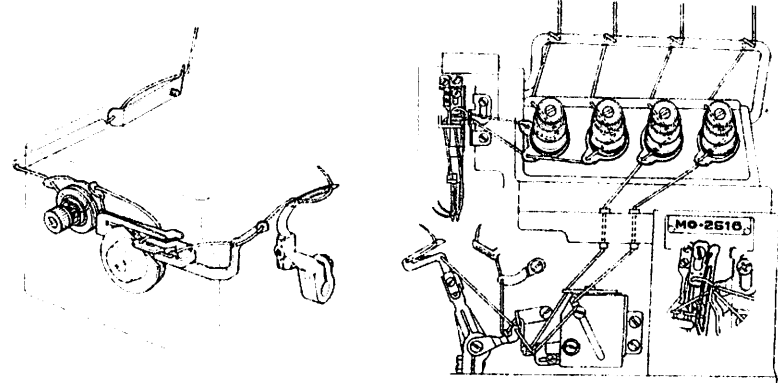


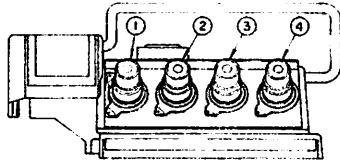
Subclass	Symbol	A	B	C	D	E
BD4, CD4, DD4, DE4, BD6, CD6, DD6		4	11	7	45	38
AF4, DF4, DH4, DF6, DH6, FF6		4	11	6.5	46.9	39
RH6		4	11	5	46.9	38

Subclass	Symbol	F	G
BD4, CD4, DD4, DE4, BD6, CD6, DD6		66.4	4
AF4, DF4, DH4, DF6, DH6, FF6		66.4	4
RH6		66.4	3.5

4. The standard radius and returning amount of the double-chain looper are 63.2mm and 1.8 to 2mm, respectively.

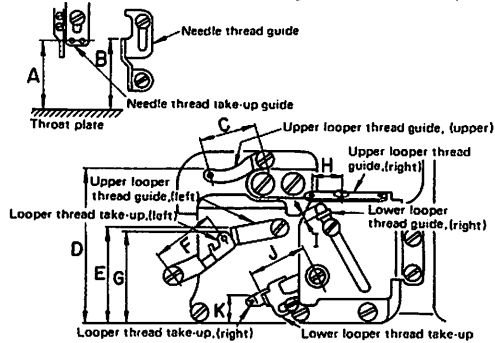
5. Threading the machine
(Set each thread as illustrated)



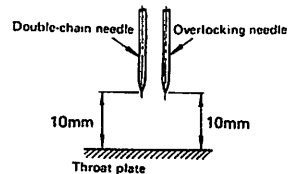
Main replacement parts	Thread tensioner asm
Refer to standard subclass list	<p>Standard</p> <p>① Thread tension spring asm. (red) B31017040B0</p> <p>② Thread tension spring asm. (yellow) B31027040B0</p> <p>③ Thread tension spring asm. (yellow) B31027040B0</p> <p>④ Thread tension spring asm. (blue) B31037040B0</p> <p>Heavy-weight materials</p> <p>① Thread tension spring asm. (red) B31017040B0</p> <p>② Thread tension spring asm. (red) B31017040B0</p> <p>③ Thread tension spring asm. (blue) B31037040B0</p> <p>④ Thread tension spring asm. (yellow) B31027040B0</p>
	

ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)



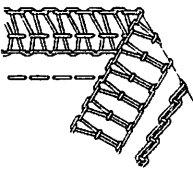
2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



Thread	A	B	C	D	E	F	G	H	I	J	K
For general	74	74	22.5	63.5	40.5	26	37.5	12	6.5	24	14
Looper thread, Wooly thread	74	74	22.5	63.5	40.5	26	45	12	6.5	24	14

MO-2543

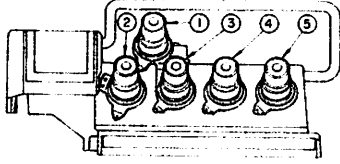
Stitch type - - - - 514 + 401 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	3	6	MO-2543E-BBD6-300 MO-2543E-DBD6-300 MO-2543E-FBD6-300	7000 (6500)	Safety stitching of general fabrics, knit materials such as jersey, and medium-weight materials. Also used for 2- or 1-needle overedging of general fabrics and knit materials by removing the double chain stitch needle.

Main replacement parts

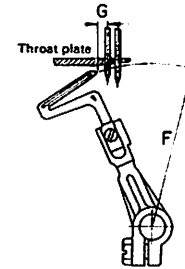
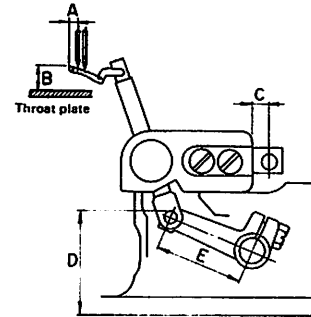
Refer to the list of subclass machines for special applications.
Needle thread take-up 11817301

Thread tensioner asm



- 1 Thread tension spring asm..... (red) B3101704080
- 2 Thread tension spring asm..... (red) B3101704080
- 3 Thread tension spring asm..... (yellow) B3102704080
- 4 Thread tension spring asm..... (yellow) B3102704080
- 5 Thread tension spring asm..... (blue) B3103704080

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
BBD6, OBD6, FBD6		4.5	10.2	6.5	47.3	39

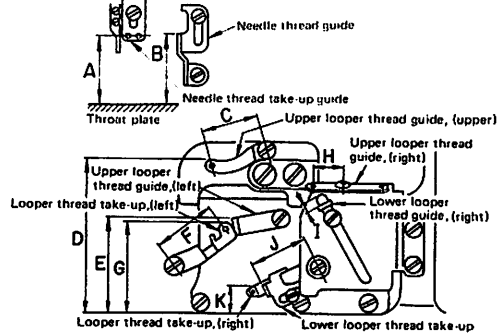
Subclass	Symbol	F	G
BBD6, DBD6, FBD6		66.4	4

4. The standard radius and returning amount of the double-chain looper are 63.2 mm and 1.8 to 2 mm, respectively.

5. Threading the machine
(Set each thread as illustrated)

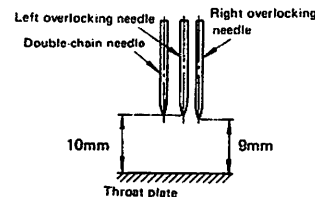
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)

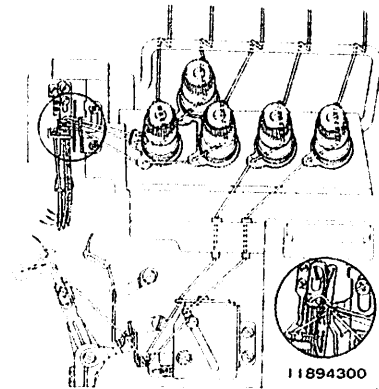
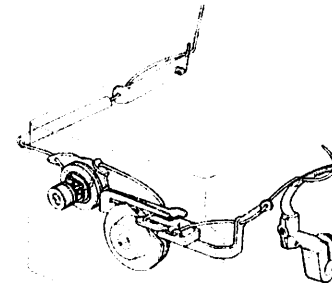


Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Wooly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

2. Height of needles
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)

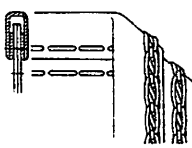


The height of the needle bar shall be referenced to the overlocking needle and adjusted to 10mm.

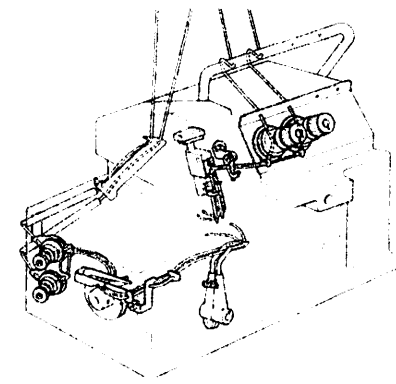


MO-2545

Stitch type ----- 401 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2545E-DD4 -360/N077 MO-2545E-ED4 -360/N077	6000 (5500)	For roll-in reinforcement stitching of tape (clean finish top and bottom) on pocket bag tops, etc.

3. Threading the machine (Set each thread as illustrated)



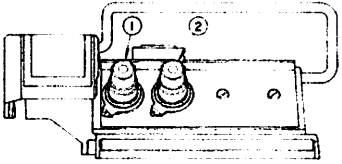
Main replacement parts

Refer to the list of subclass machine for special applications.

Double-chain needle thread take-up (asm) 11892650
 Double-chain looper driving asm (A) B211784500A
 Double-chain looper driving asm (B) B211784500B
 Double-chain looper thread guide B2203845000
 Double-chain looper thread guide 11892700
 Upper knife support 11896305
 Tension controller (asm) 11892657
 Looper thread guide tube mounting bracket (asm) 11893054
 Binder MAN077000A0

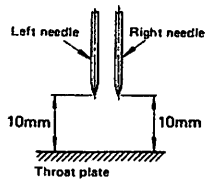
Thread tensioner asm

① Thread tension spring asm..... (red) B31017040B0
 ② Thread tension spring asm..... (red) B31017040B0

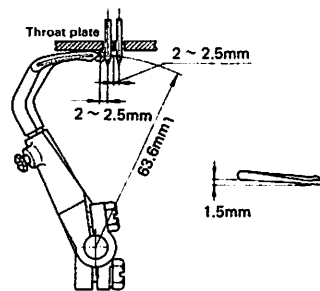


ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
 (The needle should be 10 mm above the top surface of the throat plate when they are at the highest point of their stroke.)

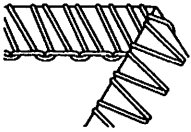


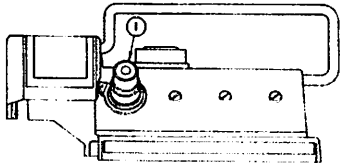
2. How to adjust the double-chain looper
 (Adjust the double-chain loopers as shown below when they are at the extreme left of their travel.)



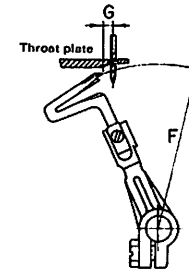
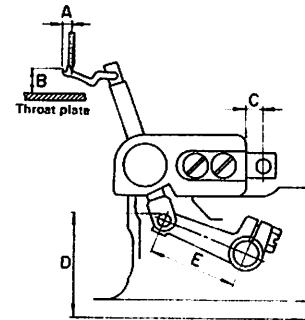
MO-2401

Stitch type - - - - 501 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	1	MO-2401E-0D4-300	6500 (8000)	Fabric splashing for dyeing Surging

Main replacement parts	Thread tensioner asm
Upper spreader 11888609 Lower spreader 11888708 Needle thread take-up 11896701 Needle thread guide 11896800 Needle thread take-up guide 11896909	 <p>① Thread tension spring asm..... (yellow) B3102704080</p>

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



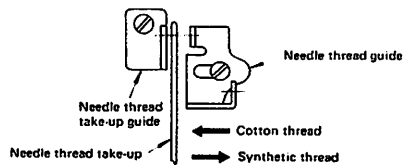
Subclass	Symbol	A	B	C	D	E
0D4		4	11	7	45	38

Subclass	Symbol	F	G
0D4		66.4	4

4. Threading the machine
(Set each thread as illustrated)

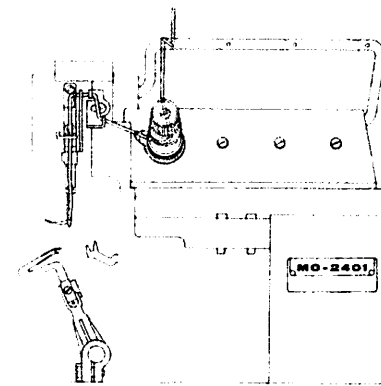
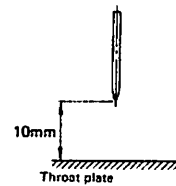
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



Position the needle thread guide to the extreme left for cotton thread, and to the extreme right for synthetic thread.

2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)

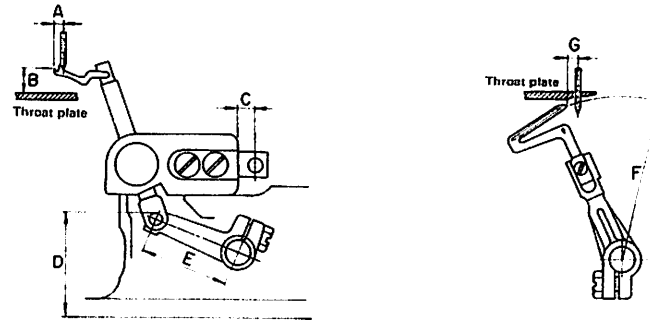


MO-2402 Stitch type - - - - 502 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	2	MO-2402E-0A4-150 MO-2402E-0D4-300	6500 (6000)	Roll-in seaming of handkerchiefs, etc., and serging

Main replacement parts	Thread tensioner asm
Upper spreader 11888609	<p>① Thread tension spring asm..... (red) B31017040B0</p> <p>② Thread tension spring asm..... (blue) B31037040B0</p>

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



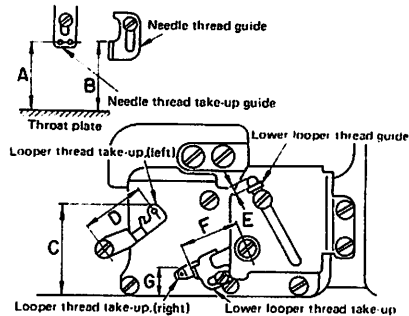
Subclass	Symbol	A	B	C	D	E
0A4, 0D4		4	11	7	45	38

Subclass	Symbol	F	G
0A4, 0D4		66.4	4

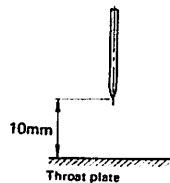
4. Threading the machine
(Set each thread as illustrated)

ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guides
(Position the thread take-ups and thread guides as shown below.)

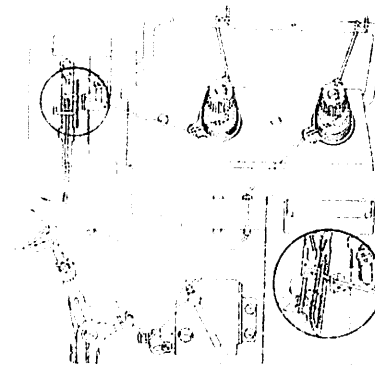


2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



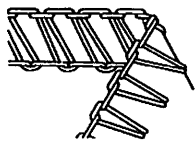
Thread	Symbol	A	B	C	D	E	F	G
For general		74	74	37.5	26	6.5	24	14
Looper thread, Wooly thread		74	74	45	26	6.5	24	14

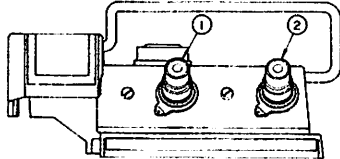
For 0A4-150, dimension C is 33mm.



MO-2403

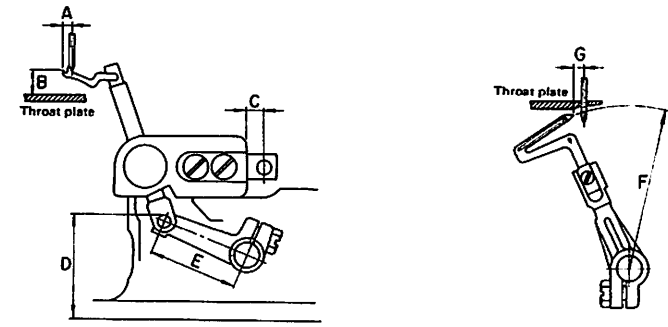
Stitch type 503 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	2	MO-2403E-0D4-200 MO-2403E-0D4-300 MO-2403E-0F4-300	6500 (6000)	Serging of general fabrics, and blind hemming of knitwork.

Main replacement parts	Thread tensioner asm
Upper spreader 11888609	 <p>① Thread tension spring asm..... (blue) B31037040B0 ② Thread tension spring asm..... (yellow) B31027040B0</p>

3. How to adjust the upper and lower loopers

(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

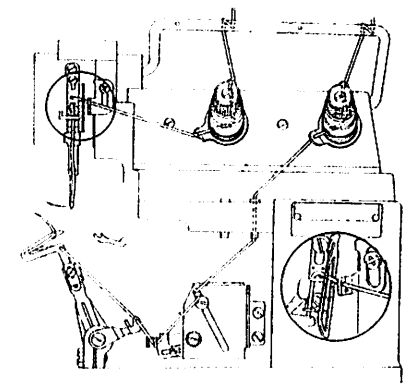


Subclass	Symbol	A	B	C	D	E
0D4		4	11	7	45	38
0F4		4	11	6.5	46.9	39

Subclass	Symbol	F	G
0D4		66.4	4
0F4		66.4	4

4. Threading the machine

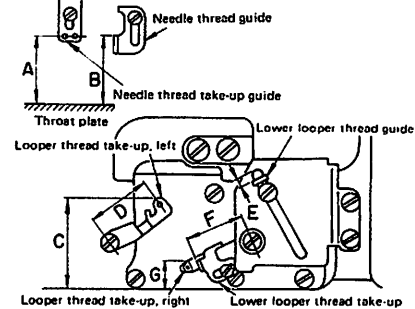
(Set each thread as illustrated)



ADJUSTMENT OF THE SEWING MACHINE

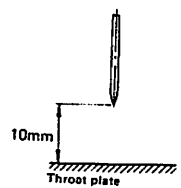
1. Adjustment of the thread take-ups and thread guide

(Position the thread take-ups and thread guides as shown below.)



2. Height of needles

(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



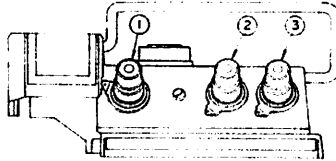
Thread	Symbol	A	B	C	D	E	F	G
For general		79.5	81.5	36.5	26.5	9	18	13
Looper thread, Wooly thread		77.5	81.5	44	26.5	9	18	13
Blind hemming stitch		77.5	79.5	44	26.5	9	18	13

MO-2404

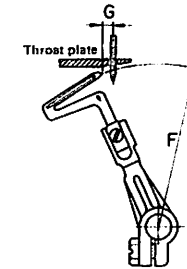
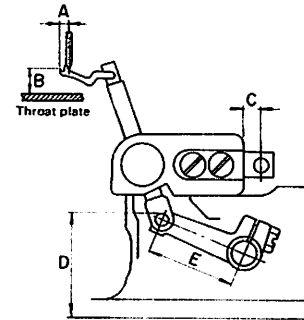
Stitch type ----- 504 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	3	MO-2405E-0A4-150 MO-2404E-0C4-300 MO-2404E-0D4-200 MO-2404E-0D4-300 MO-2404E-0E4-300 MO-2404E-0F4-300 MO-2404E-0D6-300 MO-2404E-0F6-500 MO-2404E-0H6-500 MO-2404E-0F6-4A0 MO-2404E-0F6-4A3	6500 (6000)	<ul style="list-style-type: none"> Closing stitches on panty hose toes, socks, etc. Roll-in seaming of handkerchiefs, etc. Overedging of general fabrics, knitwork, jersey, heavy-weight materials, denim, etc. Overedging of knitwork, sweater materials, etc.

Main replacement parts	Thread tensioner asm
Refer to Standard subclass list	<p>Standard</p> <p>① Thread tension spring asm..... (red) B31017040B0</p> <p>② Thread tension spring asm..... (yellow) B31027040B0</p> <p>③ Thread tension spring asm..... (blue) B31037040B0</p> <p>Heavy-weight materials, Wide overedging</p> <p>① Thread tension spring asm..... (red) B31017040B0</p> <p>② Thread tension spring asm..... (blue) B31037040B0</p> <p>③ Thread tension spring asm..... (yellow) B31027040B0</p>



3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



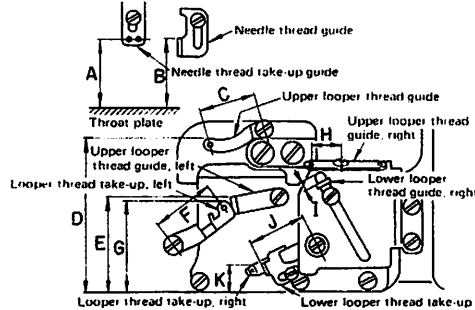
Subclass	Symbol	A	B	C	D	E
0A4 ~ 0E4 0D6		4	11	7	45	38
0F4 0F6, 0H6		4	11	6.5	46.9	39
0F6-4A0		4.5	10.2	5.5	47.3	39

Subclass	Symbol	F	G
0A4 ~ 0E4 0D6		66.4	4
0F4 0F6, 0H6		66.4	4
0F6-4A0		66.9	3.5

4. Threading the machine
(Set each thread as illustrated)

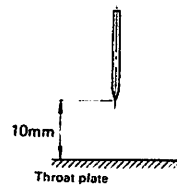
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



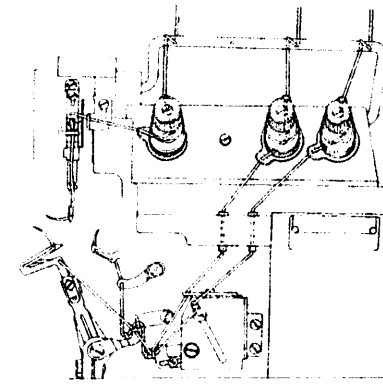
Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	37.5	12	6.5	24	14
Looper thread, Woolly thread		74	74	22.5	63.5	40.5	26	45	12	6.5	24	14
Soft chain		79.5	79	22.5	63.5	40.5	26	41	13	28	19	14
Soft chain Woolly thread		79.5	79	22.5	63.5	40.5	26	47	26.5	33.5	19	14

2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)



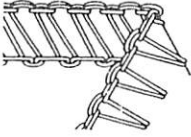
The above height should be 9.5mm for MO-2404-0F6-4A0 (4A3)

For 0A4-150, dimension G is 33mm.

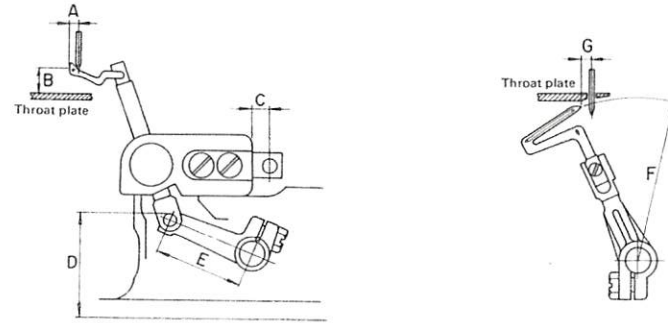


MO-2405

Stitch type - - - - 505 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	1	3	MO-2405E-0D4-210	6500 (6000)	Blind hemming

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



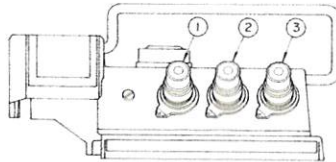
Subclass	Symbol	A	B	C	D	E
0D4		4	11	7	45	38

Subclass	Symbol	F	G
0D4		66.4	4

4. Threading the machine
(Set each thread as illustrated)

Main replacement parts

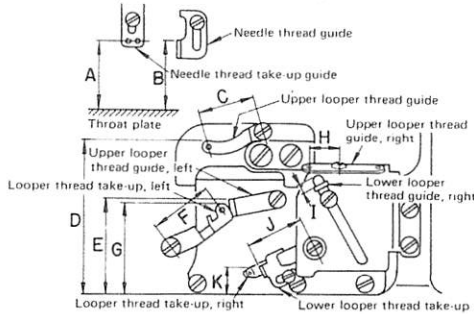
Thread tensioner asm



- ① Thread tension spring asm..... (yellow) B31027040B0
- ② Thread tension spring asm..... (blue) B31037040B0
- ③ Thread tension spring asm..... (yellow) B31037040B0

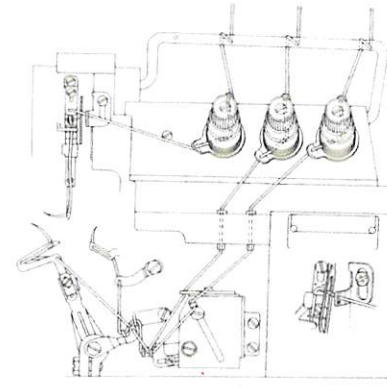
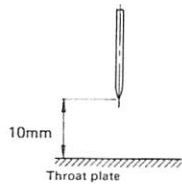
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



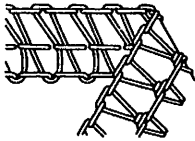
Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	37.5	9.5	24.5	19	14
Looper thread, Wooly thread		74	74	22.5	63.5	40.5	26	45	12	33.5	19	14

2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)

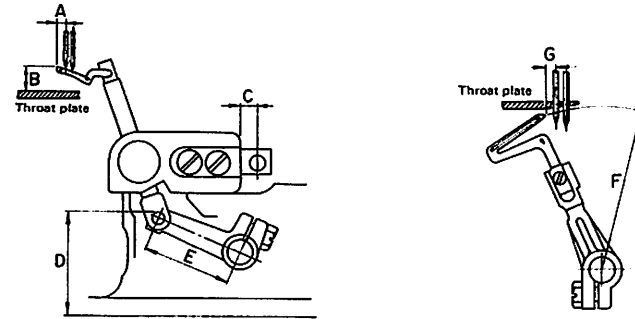


MO-2406

Stitch type - - - - 506 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2406E-BD4-200 MO-2406E-BD4-300 MO-2406E-CD4-300	6500 (6000)	Overedging of knit materials such as knitwork and jersey

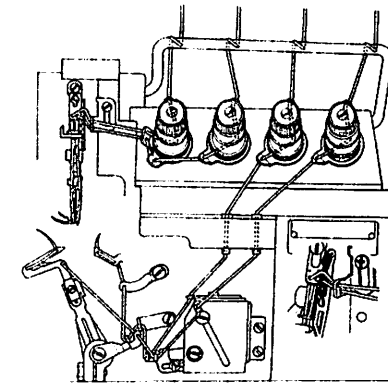
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
BD4		4.8	10.7	7	46.7	39
CD4		4.3	10.5	6.5	47.3	39

Subclass	Symbol	F	G
BD4		66.4	4
CD4		66.4	3.2

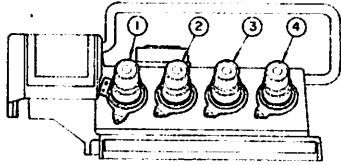
4. Threading the machine
(Set each thread as illustrated)



Main replacement parts

Thread tensioner asm

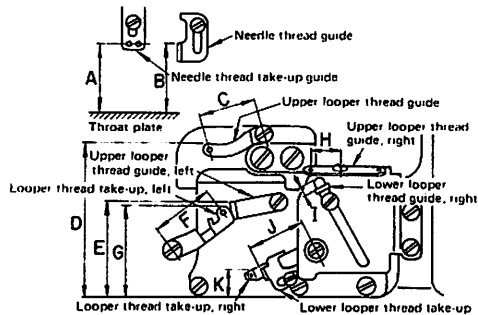
Thread tension spring asm., (colorless) B31217040B0



- ① Thread tension spring asm..... (colorless) B31217040B0
- ② Thread tension spring asm..... (yellow) B31027040B0
- ③ Thread tension spring asm..... (blue) B31037040B0
- ④ Thread tension spring asm..... (yellow) B31027040B0

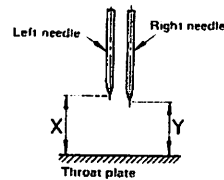
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Wooly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

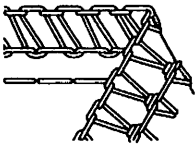
2. Height of needles
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)

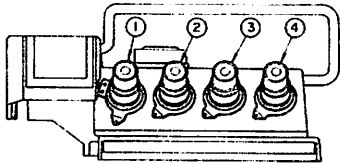


Subclass	Symbol	X	Y
BD4		10	9
CD4		10.2	8.9

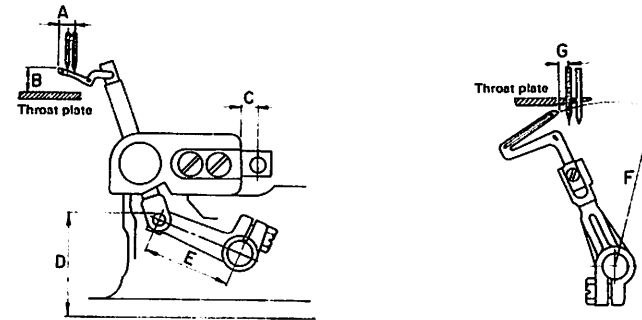
MO-2407

Stitch type 507 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2407E-DF6-500	6500 (6000)	Imitation safety stitching of general fabrics, medium-to heavy-weight materials, and knit materials

Main replacement parts	Thread tensioner asm
Thread tension spring asm., (colorless) B31217040B0	 <ul style="list-style-type: none"> ① Thread tension spring asm..... (colorless) B31217040B0 ② Thread tension spring asm..... (red) B31017040B0 ③ Thread tension spring asm..... (blue) B31037040B0 ④ Thread tension spring asm..... (yellow) B31027040B0

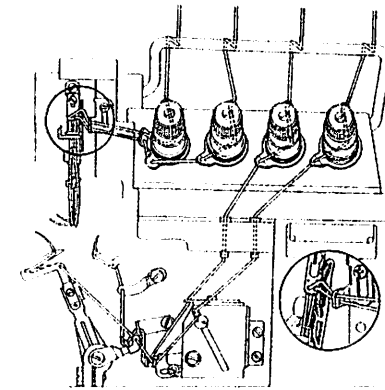
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
DF6		4	10.8	6	46.6	39

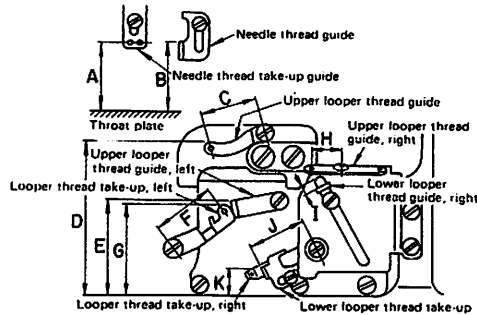
Subclass	Symbol	F	G
DF6		66.4	2.6

4. Threading the machine
(Set each thread as illustrated)



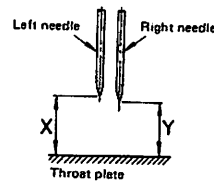
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Wooly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

2. Height of needles
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



Subclass	Symbol	X	Y
DF6		10.5	8.9

MO-2412

Stitch type 512 (U.S.A. stitch types standard)

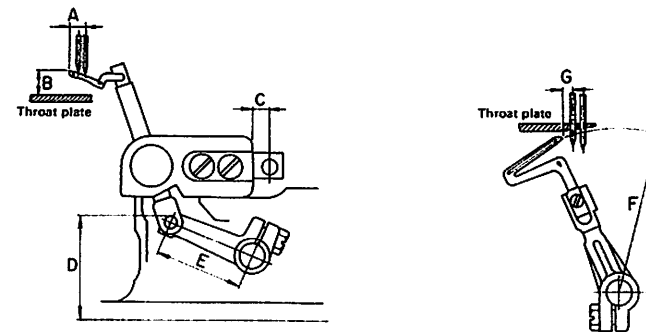
Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2412E-CD4-300 MO-2412E-CD6-300 MO-2412E-DD6-500 MO-2412E-DF6-500	6500 (6000)	Imitation safety stitching of general fabrics and knit materials Imitation safety stitching of medium-heavy-weight materials, and heavy-weight materials

Main replacement parts Thread tensioner asm

Refer to Standard subclass list

- ① Thread tension spring asm..... (red) B31017040B0
- ② Thread tension spring asm..... (yellow) B31027040B0
- ③ Thread tension spring asm..... (yellow) B31027040B0
- ④ Thread tension spring asm..... (blue) B31037040B0

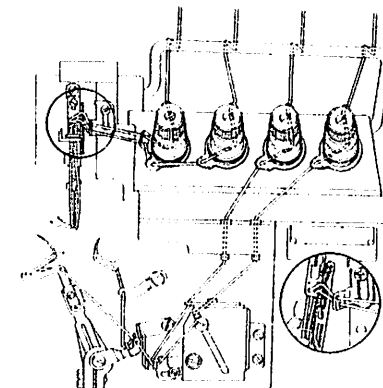
3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Subclass	Symbol	A	B	C	D	E
CD4, CD6		4.3	10.3	5.5	46.6	39
DD6, DF6		4	10.8	6	46.6	39

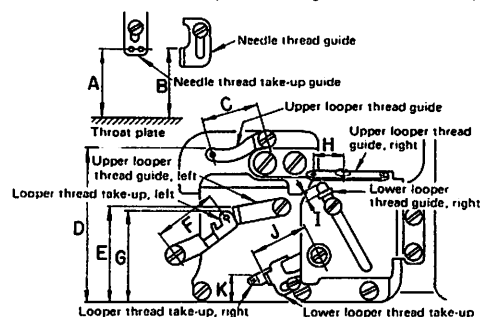
Subclass	Symbol	F	G
CD4, CD6		66.4	3.5
DD6, DF6		66.4	2.6

4. Threading the machine
(Set each thread as illustrated)



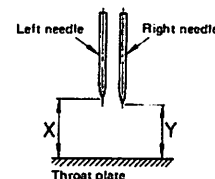
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	40.5	13	14	23	14
Looper thread, Wooly thread		74	74	22.5	63.5	40.5	26	45	18.5	14	23	14

2. Height of needles
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



Subclass	Symbol	X	Y
CD4, CD6		10.2	8.9
DD6, DF6		10.5	8.9

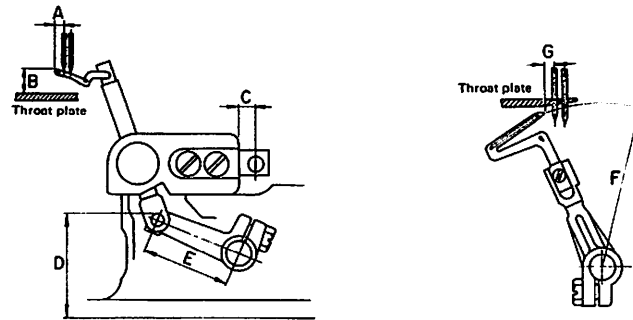
MO-2414

Stitch type - - - - 514 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2414E-BD4-200 MO-2414E-BD4-300 MO-2414E-BE4-300 MO-2414E-BD6-300 MO-2414E-CD4-300 MO-2414E-CD6-300 MO-2414E-BD6-4A0 (4A3) MO-2414E-BD7-4A0 (4A3)	6500 (6000)	Overedging of knit materials such as knit work and jersey Overedging of medium-weight knit, sweater etc.
Main replacement parts		Thread tensioner asm			
Refer to Standard subclass list	<ul style="list-style-type: none"> ① Thread tension spring asm..... (red) B31017040B0 ② Thread tension spring asm..... (yellow) B31027040B0 ③ Thread tension spring asm..... (yellow) B31027040B0 ④ Thread tension spring asm..... (blue) B31037040B0 				

3. How to adjust the upper and lower loopers

(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

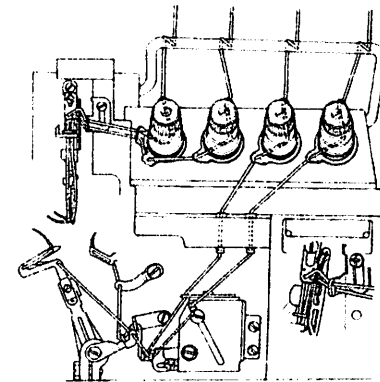


Subclass	Symbol	A	B	C	D	E
BD4, BD6	5	10.4	7	46.7	39	
CD4, CD6	4	11	6.5	46.9	39	
BD6, BD7-4A0	4.5	10.2	5.5	47.3	39	
BD4, BD6-307	4.3	10.2	6	47.3	39	

Subclass	Symbol	F	G
BD4, BD6	66.4	4	
CD4, CD6	66.4	3.2	
BD6, BD7-4A0	66.9	3.5	
BD4, BD6-307	66.4	3.5	

4. Threading the machine

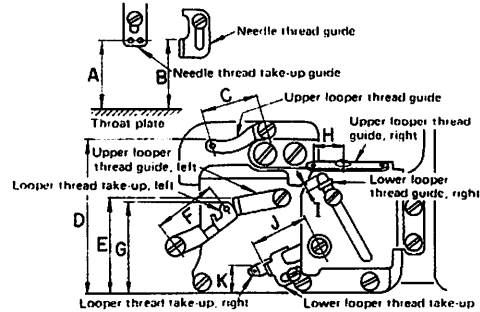
(Set each thread as illustrated)



ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide

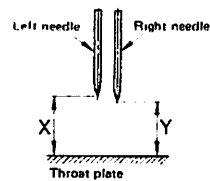
(Position the thread take-ups and thread guides as shown below.)



Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general	74	74	22.5	63.5	40.5	26	40.5	13	14	23	14	
Looper thread, Wooly thread	74	74	22.5	63.5	40.5	26	45	18.5	14	23	14	

2. Height of needles

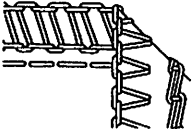
(Adjust the height of the needles to meet the requirements shown below when they are at the highest point of their stroke.)



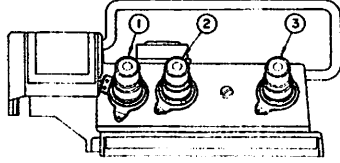
Subclass	Symbol	X	Y
BD4, BD6	10	9	
CD4, CD6	10.2	8.9	
BD6, BD7-4A0	9.5	8.5	

MO-2415

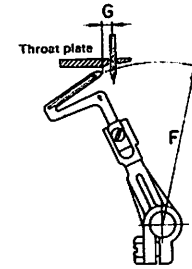
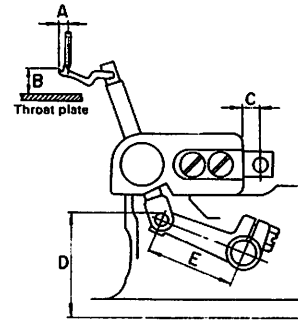
Stitch type 515 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2415E-BD4-300 MO-2415E-DD4-300 MO-2415E-FF6-500	6500 (6000)	Safety stitching of general fabrics, and knit materials such as jersey. Safety stitching of heavy-weight fabrics and knit materials.

Main replacement parts	Thread tensioner asm
Upper spreader 1188609	<p>Standard</p> <p>① Thread tension spring asm..... (blue) B3103704080</p> <p>② Thread tension spring asm..... (yellow) B3102704080</p> <p>③ Thread tension spring asm..... (yellow) B3102704080</p> <p>Heavy-weight materials</p> <p>① Thread tension spring asm..... (blue) B3103704080</p> <p>② Thread tension spring asm..... (red) B3101704080</p> <p>③ Thread tension spring asm..... (red) B3101704080</p>



3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

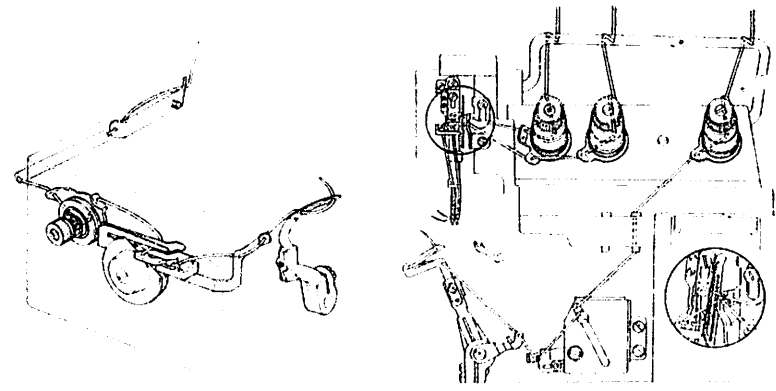


Subclass	Symbol	A	B	C	D	E
BD4, DD4		4	11	7	45	38
FF6		4	11	6.5	46.9	39

Subclass	Symbol	F	G
BD4, DD4		66.4	4
FF6		66.4	4

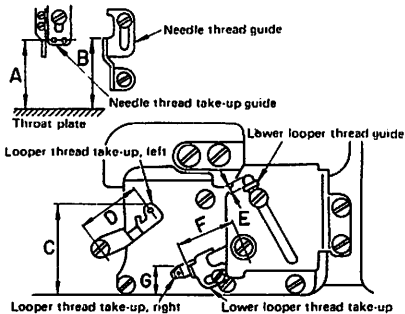
4. The standard radius and returning amount of the double-chain looper are 63.2mm and 1.8 to 2mm, respectively.

5. Threading the machine
(Set each thread as illustrated)



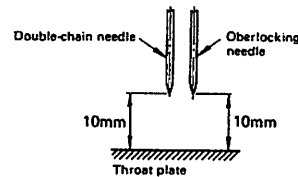
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



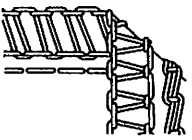
Thread	Symbol	A	B	C	D	E	F	G
For general		79.5	81.5	36.5	26.5	9	18	13
Looper thread, Wooly thread		77.5	81.5	44	26.5	9	18	13

2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when it is at the highest point of its stroke.)

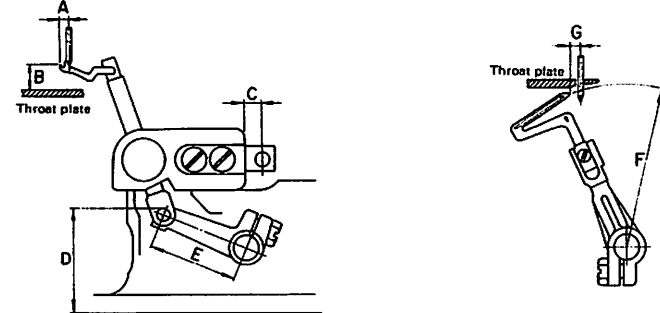


MO-2416

Stitch type - - - - 516 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	5	MO-2416E-BD4-300 MO-2416E-CD4-300 MO-2416E-DD4-300 MO-2416E-DE4-300	6500 (8000)	Safety stitching of general fabrics and knit materials such as jersey.
			MO-2416E-DF4-300 MO-2416E-DH4-300	6500 (8000)	Safety stitching general fabrics and knit materials such as Jersey with greater over- edging width.
			MO-2416E-DD6-500 MO-2416E-DF6-500 MO-2416E-DH6-500 MO-2416E-FF6-500 MO-2416E-FH6-500	6500 (8000)	Safety stitching of denim, heavy-weight knit
			MO-2416E-DD4-100 MO-2416E-FFG-100 MO-2416E-RH6-100	6500 (6000) 6000 (5500)	Safety stitching of light-weight fabrics, georgette, etc. with greater over- edging width Safety stitching of light-weight fabrics, georgette, etc. with greater over- edging width

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)

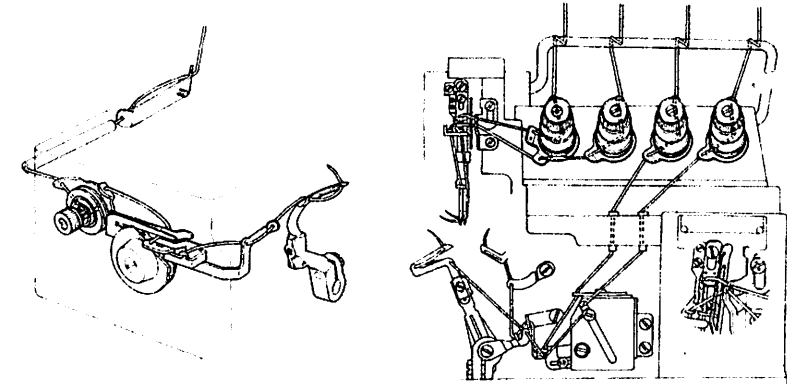


Subclass	Symbol	A	B	C	D	E
BD4, CD4, DD4, DE4, DD6		4	11	7	45	38
DF4, DH4, DF6, DH6, FF6, FH6		4	11	6.5	46.9	39
RH6		4	11	5	46.9	38

Subclass	Symbol	F	G
BD4, CD4, DD4, BD4, DD6		66.4	4
DF4, DH4, DF6, DH6, FF6, FH6		66.4	4
RH6		66.4	3.5

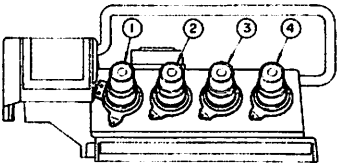
4. The standard radius and returning amount of the double-chain looper are 63.2mm and 1.8 to 2mm, respectively.

5. Threading the machine
(Set each thread as illustrated)



Main replacement parts **Thread tensioner asm**

Refer to Standard subclass list



Standard

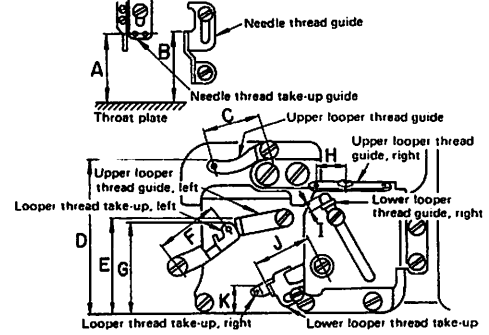
- Thread tension spring asm..... (red)
B31017040B0
- Thread tension spring asm..... (yellow)
B31027040B0
- Thread tension spring asm..... (yellow)
B31027040B0
- Thread tension spring asm..... (blue)
B31037040B0

Heavy-weight materials, Wide over- edging

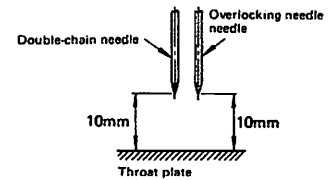
- Thread tension spring asm..... (red)
B31017040B0
- Thread tension spring asm..... (red)
B31017040B0
- Thread tension spring asm..... (blue)
B31037040B0
- Thread tension spring asm..... (yellow)
B31027040B0

ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the thread take-ups and thread guide
(Position the thread take-ups and thread guides as shown below.)



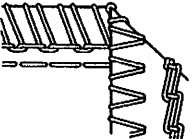
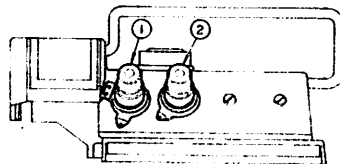
2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when they are at the highest point of their stroke.)



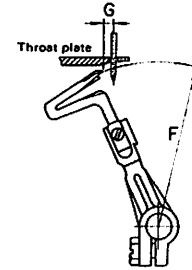
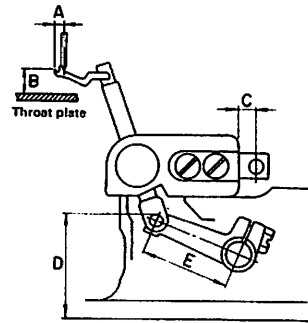
Thread	Symbol	A	B	C	D	E	F	G	H	I	J	K
For general		74	74	22.5	63.5	40.5	26	37.5	12	6.5	24	14
Looper thread, Woolly thread		74	74	22.5	63.5	40.5	26	45	12	6.5	24	14

MO-2440

Stitch type ----- 540 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	3	MO-2440E-DD4-300	6000 (5500)	Safety stitching of general fabrics and knit materials such as Jersey
Main replacement parts		Thread tensioner asm			
Upper spreader 11888609	Lower spreader 11888708	Needle thread take-up 11896701	Needle thread guide 11896800	Needle thread take-up guide 11896909	 <p>① Thread tension spring asm..... (yellow) B3102704080 ② Thread tension spring asm..... (yellow) B3102704080</p>

3. How to adjust the upper and lower loopers
(Adjust the upper and lower loopers as shown below when they are at the extreme left of their travel.)



Symbol	A	B	C	D	E
Subclass DD4	4	11	7	45	38

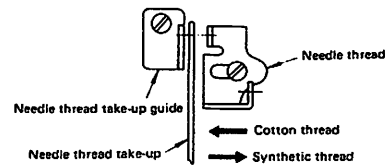
Symbol	F	G
Subclass DD4	66.4	4

4. The standard radius and returning amount of the double-chain looper are 63.2 mm and 1.8 to 2 mm, respectively.

5. Threading the machine
(Set each thread as illustrated)

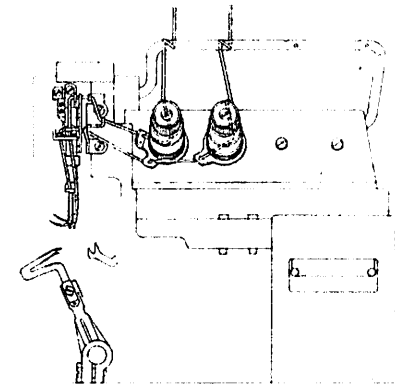
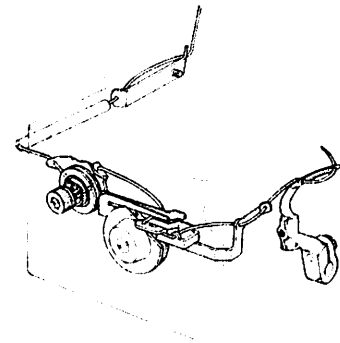
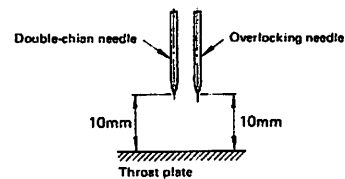
ADJUSTMENT OF THE SEWING MACHINE

1. Adjustment of the needle thread take-ups and needle thread take-up guides
(Position the needle thread take-ups and needle thread take-up guides as shown below.)

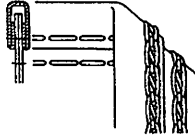


Position the needle thread guide to the extreme left for cotton thread, and to the extreme right for synthetic thread.

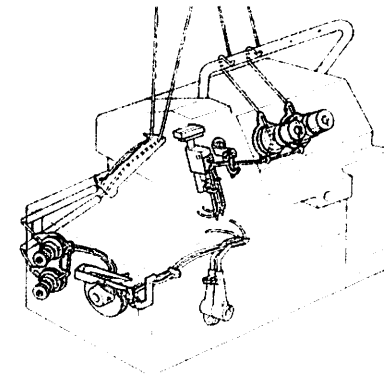
2. Height of needles
(The needle should be 10mm above the top surface of the throat plate when they are at the highest point of their stroke.)



MO-2445 Stitch type - - - - 401 (U.S.A. stitch types standard)

Stitch conformation	Number of needles	Number of threads	Always available models	Max. sewing speed (Normal sewing speed) (s.p.m.)	Application
	2	4	MO-2445E-ED4-360/ N077	6000 (5500)	For rolling-in reinforcement stitching of tape (clean finish top and bottom on pocket bag tops, etc.)

3. Threading the machine
(Set each thread as illustrated)

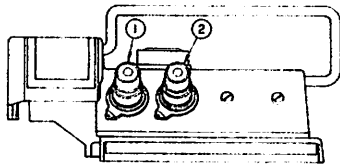


Main replacement parts

Thread tensioner asm

Refer to the list of subclass machine for special applications.

- Double-chain needle thread take-up (asm) 11892650
- Double-chain looper driving asm (A) B211784500A
- Double-chain looper driving asm (B) B211784500B
- Double-chain looper thread guide B2203845000
- Double-chain looper thread guide 11892700
- Upper knife support 11896305
- Tension controller (asm) 11892957
- Looper thread guide tube mounting bracket (asm) 11893054
- Binder MAN077000A0

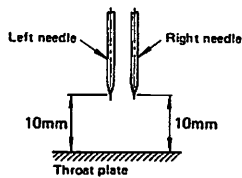


- ① Thread tension spring asm..... (red) B3101704080
- ② Thread tension spring asm..... (red) B3101704080

ADJUSTMENT OF THE SEWING MACHINE

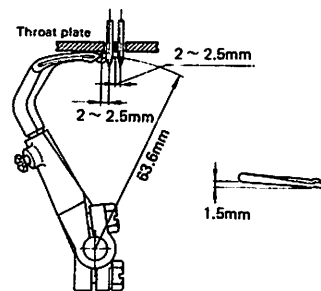
1. Height of needles

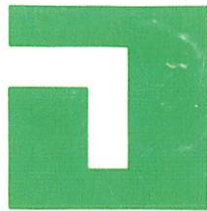
(The needle should be 10 mm above the top surface of the throat plate when they are at the highest point of their stroke.)



2. How to adjust the double-chain looper

(Adjust the double-chain loopers as shown below when they are at the extreme left of their travel.)





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