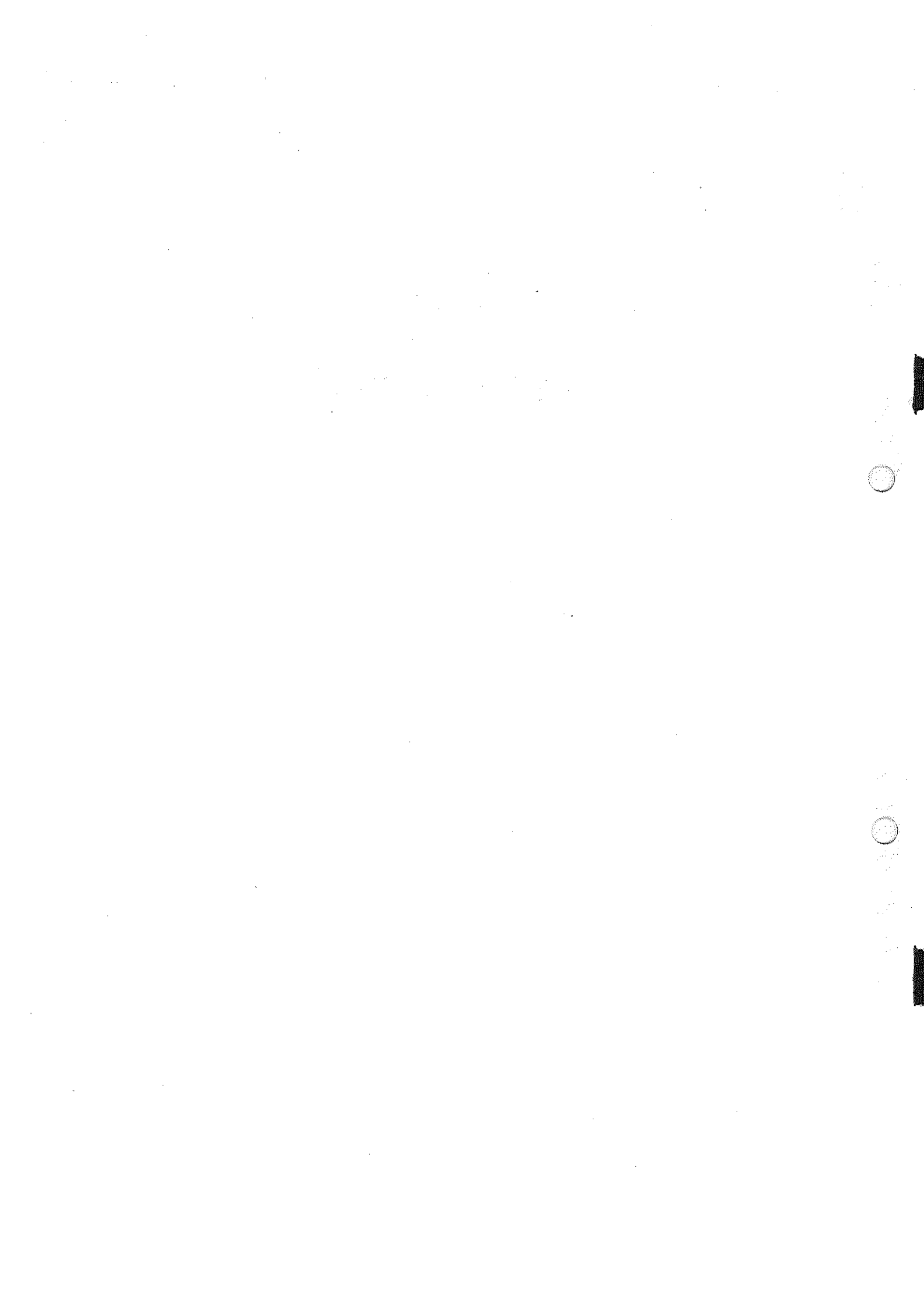# PART NUMBER CODING SYSTEM

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

PART NUMBER CODING SYSTEM

PREFACE

This booklet is issued to describe how the part numbers of JUKI Industrial
Sewing Machines and Attachments are indicated with eleven figures including
alphabetical symbols (twelve instead of eleven when revision number is added
later) or eight figures including alphabetical symbols.

Our 11-figures system was established in 1965 for computerization of
management and production control in the way that it did not erase the image
of the previous designation numbers and that it clearly indicated the type
of machine and the group of parts within the limited number of figures and
characters.

By perceiving the meaning of composition and the rule of coding system, you
can "decode" each part number.

Due to the fact, however, that a variety of machines other than sewing
machines have been developed and the types and models of sewing machines
have increased since 1965, the coding system with eleven figures began to
complicate its utilization.

In order to prevent errors in processing and to give the universality and
permanency to the coding system, 8-figured designation number has been
employed. This coding system consists of 8 figures including alphabetical
symbols and is capable of indicating the parts very clearly with the minimal
figures and characters.

Under such circumstances, we herein detail the composition and the rule of
application of our 11-figured and 8-figured coding systems. Please note
that some of the special parts were omitted from this booklet.

CONTENTS

[LEGEND]

□ : Alphabetical symbol   △ : Numerical figure

△̲ : Alphabetical symbol or numerical figure   0 : Zero

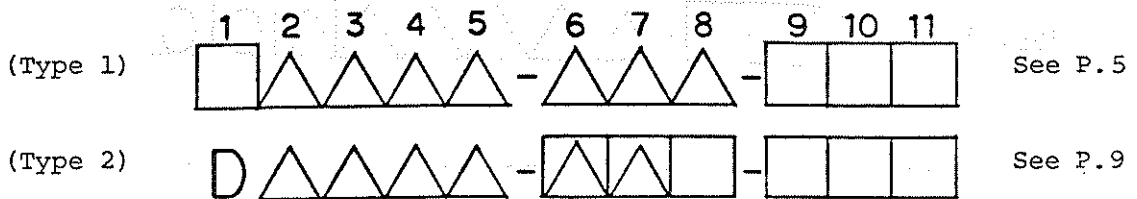Ō̲ : Zero or alphabetical symbol   ⊙ : 0

I. 11-figured Part Numbers

1.1 Outline

The 11-figured Part Numbers are classified into the following six

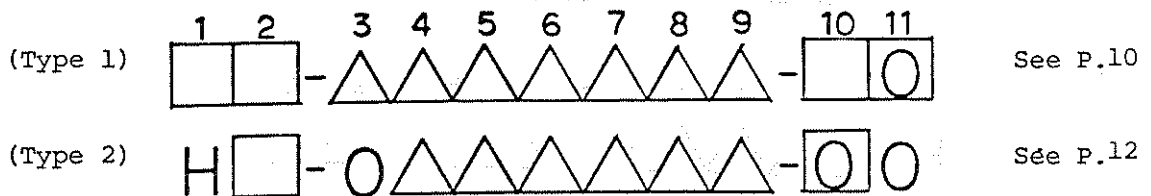groups according to the usage and function :

1.1.1 Part Numbers to be applied to those parts which are exclusively

used in the sewing machine head, table and stand.

(Exclusive Part Numbers)

(Type 1)   See P.5
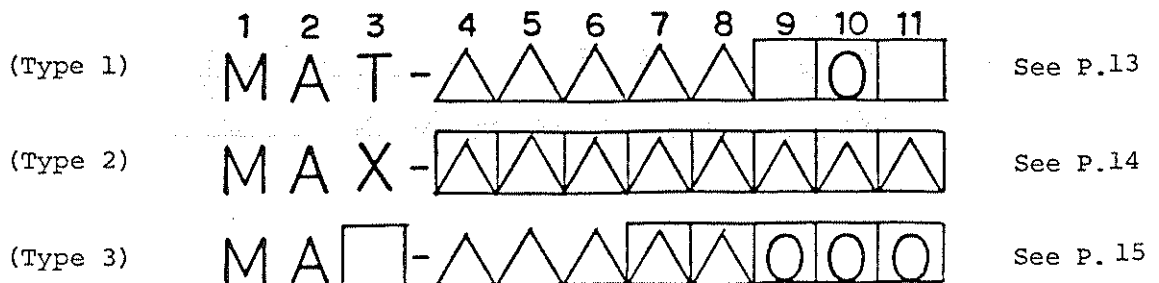
(Type 2)   See P.9

1.1.2 Part Numbers to be applied to those parts which are commonly used

in the sewing machine, such as screws and electric components.

(Standard Part Numbers)

(Type 1)   See P.10

(Type 2)   See P.12

1.1.3 Part Numbers to be applied to the exclusive parts of attachments.

(Attachment Part Numbers)

(Type 1)   See P.13

(Type 2)   See P.14

(Type 3)   See P. 15

1.1.4 Part Numbers to be applied to those parts which are exclusively
used in the peripheral equipments and automatic devices such as
AC-1 (Automatic Corner Stitch Counting Device), AK-2 (Presser Lifting
Solenoid), AO-9 (Automatic Pedal Unit), BR-1 (Automatic Button Feeder)
etc. (Equipment Part Numbers)

(Type 1)   M A O - △△△△△○○○   See P.16

(Type 2)   G □□ - △△△△△○○○   See P.16
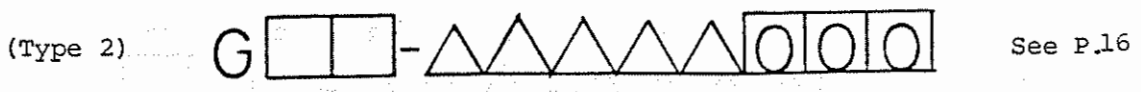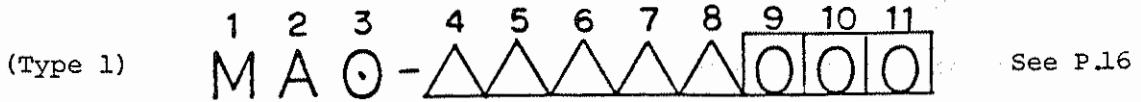
1.1.5 Part Numbers to be applied to those parts which are exclusively
used in the sewing machine head and have a variety of kinds by gauge.
(Gauge Part Numbers)

(Examples)   Throat plates to be used in the overedging machines.
Throat plates, Presser foot and feed dogs to be used
in the covering stitch sewing machines

R △△△△ - □△□ - □□□   See P.17
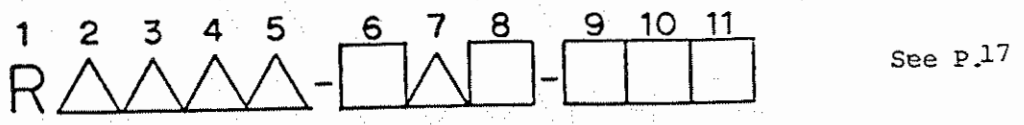
1.1.6 Part Numbers to be applied to other parts such as sewing machine
needles, electric motor components, lubricating oil and other components
which are commonly used in the industrial sewing machines.

M □□ - △△△△△△
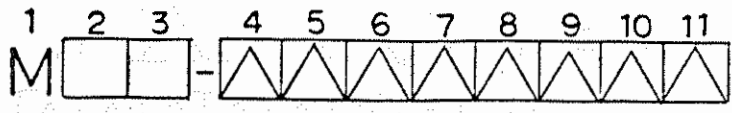
1.1.7 Revision Code

A revision code in the alphabetical order is added to the end of a
Part Number when the shape, dimensions etc. of the part is changed
to the extent that the previous and new parts are not interchangeable
with each other. Therefore, for example, a part with suffix "B" can
not be replaced by that with "A".

(Example) Work clamp carrier of LBH-771

B1613-771-000
⬇
B1613-771-000-A
⬇
B1613-771-000-B

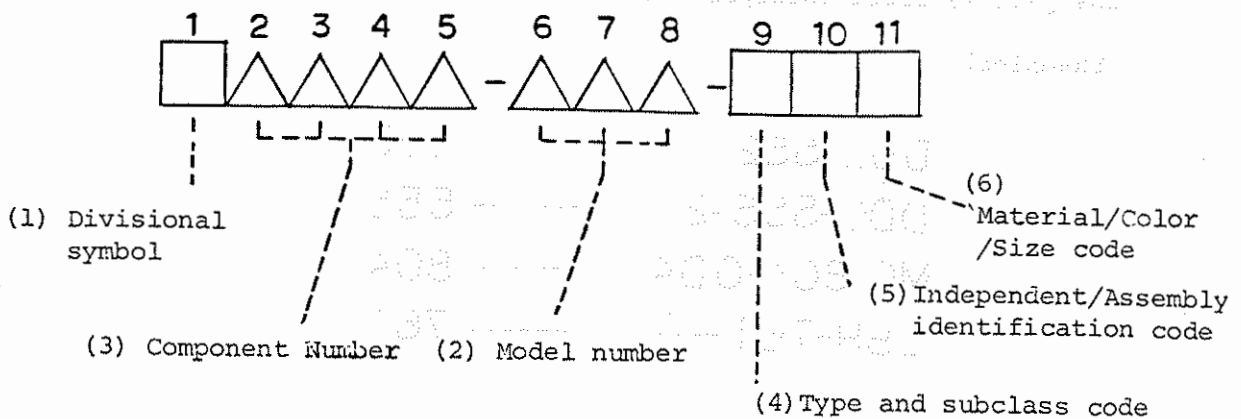## 1.2 Details of each Part Number

1.2.1 Exclusive Part Numbers

(Type 1)

(1) Divisional symbol

(3) Component Number   (2) Model number

(4) Type and subclass code

(5) Independent/Assembly identification code

(6) Material/Color /Size code

(1) Divisional symbol

   This indicates the type of machine or equipment into which the

   part is first incorporated.

   A : Exclusive use in the Home-use Sewing Machine

   B : Exclusive use in the Standard models of Industrial Sewing

       Machine

   C : Exclusive use in the subclass models of Industrial Sewing

       Machine

   E : Exclusive use in the electronic equipment (card puncher,

       printer etc.)

   G : Exclusive use in the automatic sewing machine (Edge Control

       Seamer, Pocket Seamer etc.)

(2) Model Number

   This indicates the model number of the sewing machine into which

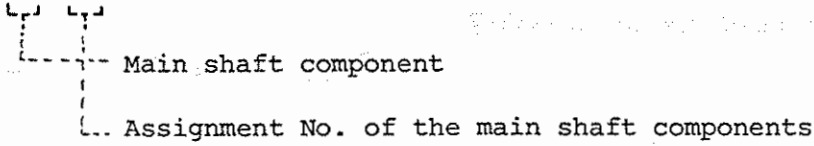   the part is first incorporated.

   (Examples)

   DDL-552 ------------- 552
   DDL-555-2 ----------- 555
   MO-804-0D4 ---------- 804
   LBH-761 ------------- 761

(3) Component Number

The first two figures indicate the function or structural charac-
teristics of the part according to the type of model and the rest
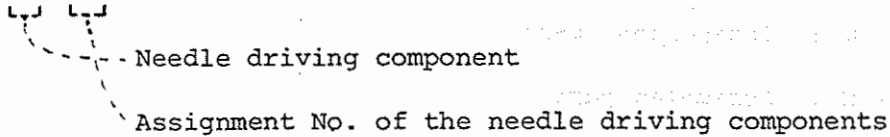indicates the order in which the part was assigned. (See Addendum
P.18)

(Example 1) Main shaft bushing, front of DDL-552

B1202-552-000

```
  └┬┘ └┬┘
   :   :
   └---┴-- Main shaft component
       :
       └.. Assignment No. of the main shaft components
```

(Example 2) Needle clamp driving ball arm

B1401-804-000

```
  └┬┘ └┬┘
   \   :
    \--┴--Needle driving component
     \
      \ Assignment No. of the needle driving components
```

(4) Type and subclass code

Type of the same part is indicated by an alphabetical symbol
according to the dimensions.

The part exclusively used in the subclass model is indicated by
an alphabetical symbol in the way that the subclass numbers from
1 to 24 are represented by the alphabetical symbols from A to Z
excepting I and 0.

Subclass Number	1	2	3	4	5	6	7	8	9	10	11	12
Alphabetical symbol	A	B	C	D	E	F	G	H	J	K	L	M
	13	14	15	16	17	18	19	20	21	22	23	24
	N	P	Q	R	S	T	U	V	W	X	Y	Z

(Example 1) Needle driving lever bearing of MO-804-0D4

B1411-804-A00	Inner diameter tolerance	0	~ -0.002
B1411-804-B00	"		$-0.002 \sim -0.004$
B1411-804-C00	"		$-0.004 \sim -0.006$
B1411-804-D00	"		$-0.006 \sim -0.008$

The type code is given in the order of assignment.

(Example 2) Feed cam of LK-282-**7**

D2209-282-G00

(5) Independent/Assembly identification code

This identifies the independent part from the assembled part.

    0 :   Independent part

A - H :   Assembled parts

(Example)   Needle bar connection (asm) of DDL-552

B1411-552-0A0 ─┐
┌ B1411-552-000 : Needle bar connection

└ SS-6090670-TP : Screw

(6) Material/Color/Size code

This alphabetical code is applied to the part according to the

material or color. This position in a Part Number is also used

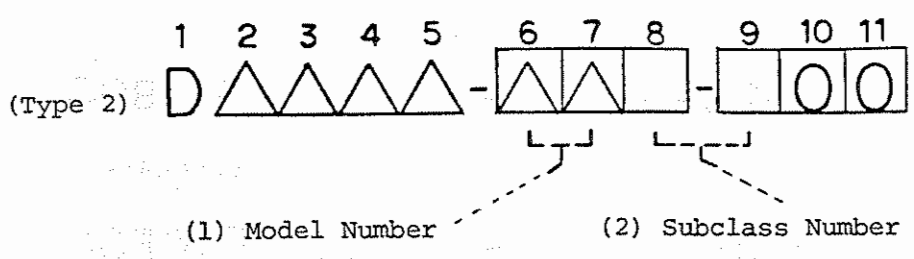to indicate the type of subclass models by size.

(Example 1) Tension post knob of MO-704-0D4

B3106-704-00A	Red
B3106-704-00B	Blue
B3106-704-00C	Yellow

Model indication of subclass bearing a number higher than 25.

(Type 2)

(1) Model Number   (2) Subclass Number

(1) Model Number:

The model Number is represented by combination of an alphabetical

symbol and a figure or two alphabetical symbols.

K0:LK-232	L6:LK-286	LP:LK-295	M6:LK-986
K1:LK-322	L7:LK-287	LQ:LK-296	M7:LK-987
K7:LK-237	L8:LK-288	LR:LK-297	M8:LK-988
K9:LK-239	L9:LK-289	LS:LK-298	M9:LK-989
L2:LK-282	LK:LK-290	M2:LK-982	MK:LK-990
L3:LK-283	LL:LK-291	M3:LK-983	ML:LK-991
L4:LK-284	LM:LK-292	M4:LK-984	MM:LK-992
L5:LK-285	LS:LK-293	M5:LK-985	MS:LK-993

(2) Subclass Number

The subclass Numbers from 25 to 600 are represented by two

alphabetical symbols.

Twenty-four alphabetical symbols are used by the 24th notation

as the following examples show; (0 and i are not used)

1	2	3	4	5	6	7	8	9	10	11	12
A	B	C	D	E	F	G	H	J	K	L	M
13	14	15	16	17	18	19	20	21	22	23	24
N	P	Q	R	S	T	U	V	W	X	Y	Z

(Example 1)

$$LK\text{-}239\text{-}410 \rightarrow D\triangle\triangle\triangle\triangle\text{-}K9S\text{-}B00$$

$$(17 \times 24) + 2 = 410$$

(Example 2)

$$LK\text{-}987\text{-}510 \rightarrow D\triangle\triangle\triangle\triangle\text{-}M7W\text{-}F00$$

$$(21 \times 24) + 6 = 510$$

1.2.2 Standard Part Numbers
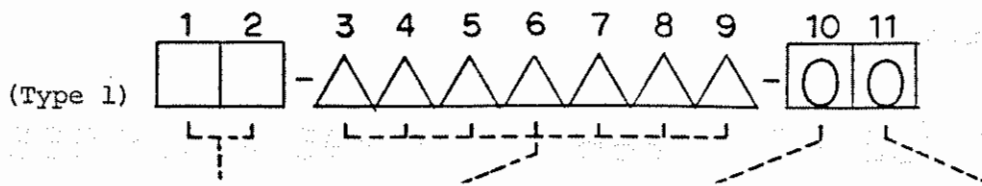
(Type 1)

(1) Article symbol (2) Shape symbol (3) Material symbol (4) Surface treatment symbol

The standard Part Numbers of Type 1 are applied to the machine element which is commonly used in the sewing machines.

(1) Article symbol

BT : Air tube   SB : Rolling bearing

BP : Vinyl tube   SD : Hinge screw

CQ : Oil wick   SK : Wood screw

CS : Thrust collar   SL : Metric thread screw with washer

NM : Metric thread nut   SM : Metric thread screw

NP : Speed nut   SQ : Pipe connecting screw

NS : Sewing machine thread nut   SR : Cold worked rivet

PD : Split pin   SS : Sewing machine thread screw

PH : Parallel pin   ST : Tapping screw

PS : Spring pin   SV : Tapping screw with washer

PT : Taper pin   TA : Plug

RC : C-shaped snap ring   WP : Plain washer

RE : E-shaped snap ring   WS : Spring washer

RO : O-ring   WT : Toothed lock washer

                                 WZ : Wave washer

(2) Shape symbol

    The shape Symbol indicates the shape and dimensions of the part.

Parts	Article Symbols	See Addenda (page)
Sewing machine thread screw	SS	19
Metric thread screw	SM	20
Hinge screw	SD	21
Plain washer	WP	21
Thrust collar	CS	21
Sewing machine thread nut	NS	22
Metric thread nut	NM	23
Spring pin	PS	24
Taper pin	PT	24

(3) Material Symbol

    The Material Symbol indicates the materials of the part.

        S : Steel for general structure

        C : Carbon steel for machine structural use

        K : Hard drawn steel wire, could rolled special steel strip

            and equal materials.

        T : Nickel chromium steel, Chromium molybdenum steel and equal

            steel

M : Non-ferrous metals

R : Nonmetal

(4) Surface Treatment Symbol

The Surface Treatment Symbol indicates the type of surface finish
and quenching.

Not quenched   Quenched

A : Chromium plated, Class 2   L : Chromium plated, Class 2

B : Chromium plated, Class 3   M : Chromium plated, Class 3

C : Nickel plated   N : Nickel plated

D : Black coating   P : Black coating

E : Uni-chromium plated   R : Uni-chromium plated

F : Chromate treatment   S : Chromate treatment

Z : Non-treatment   H : Non-treatment

(Type 2)

(1) Article Symbol   (2) Registration Number
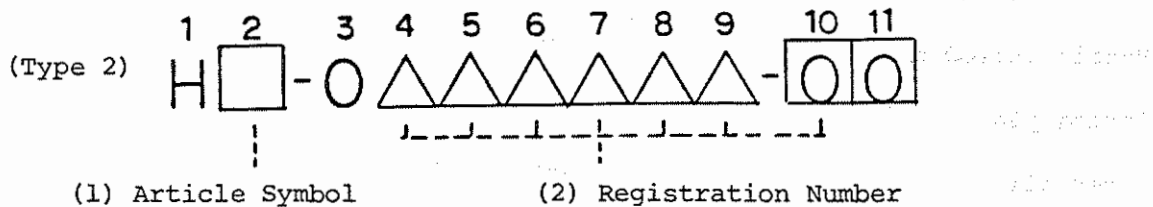
The Standard Part Numbers of Type 2 are applied to the commonly used
electric components.

(1) Article Symbol

A : Switch   K : Connector   T : Transistor

B : Relay   L : IC   W : Electric cable

C : Capacitor   P : Crimp-style   Y : Crystal oscillator
                        solderless
                        terminal

F : Fuse   R : Resistor

G : Diode   S : Thyristor

(2) Registration Number

The Registration Number is given to each article in the order of
assignment.

The 7th to 9th digits of Registration number indicate the value of
resistance when the Registration number is assigned to a resistor.

(Note) This numbering system has been established after several
revisions and supplements from 1975 to 1978. The part numbers
designated before these revisions are also in use.

(Conventional Numbering System)

Capacitor	HC☐-△△△☐ ☐△△△△
Diode	HG-△△△△△△ -△△
IC	HL-△△△△△△△ -△☐
Solderless terminal	HP-△☐ ☐△△△☐☐-△△
Resistor	HR-△△△△△△△-△△
Transistor	HT-△☐ ☐△△△△-△△
Electric Cable	HW-△☐ ☐△△△△△-△△

1.2.3 Attachment Part Numbers

(Type 1)

  1 2 3   4 5 6 7 8 9 10 11

M A T -△△△△△☐☐☐

(1) Model system number

Assignment number

(2) Attachment code

Independent/Assembly
identification code

Type code
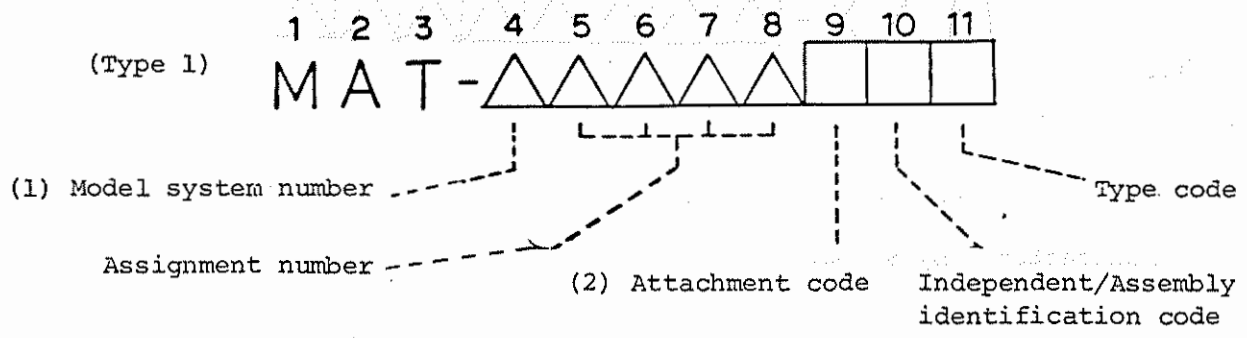
The Attachment Part Numbers of type 1 are applicable to those parts (about 850 parts) which were employed in 1969 to 1974.

(1) Model System Numbers

The Model System Numbers indicate the system of sewing machine to which the attachment is applicable.

1 : 1-Needle machine   6 : Button sewing and Buttonholing machines

2 : 2-Needle machine   7 : Overedging machine (350 yarn)

3 : 3-Needle machine   8 : Overedging machine (800 yarn)

4 : Zigzag machine   9 : Other machines

5 : Bar Tacking machine

(2) Attachment codes

A :⎫
   ⎪
B :⎬ Presser foot   K : Feller
   ⎪
C :⎭

H : Ruler and Spacer   Q :⎫
                             ⎬ Guide
                          R :⎭

L : Hemmer   T : Thread trimmer

D : Throat plate   M : Folder

F : Feed dog   N : Binder
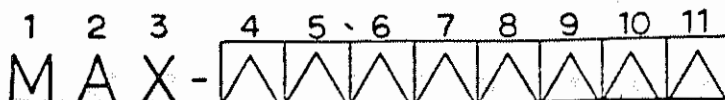
(Type 2)

The Attachment Part Number of Type 2 indicates that the attachment is manufactured by SUISEI.

```
     1  2  3    4  5  6  7  8  9  10 11
  M A □ - △△△△△ △ □ O
```
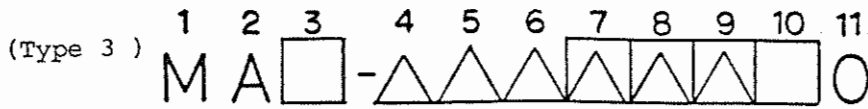
(1) Attachment model Number   (2) Part/Complete set identifi- cation code   (3) Specifica- tion code   (4) Independent/ Assembly identifica- tion.

(1) Attachment Model Number

This indicates the model number of the attachment.

(Example)   MO-805-OD4/L011

MAL-011000AO

(2) Complete set having variety of size

```
01 :                    OA :
      ] Parts                 ] Completed attachments by size
99 :                    ZZ :

00 : Complete set
```

(3) Specification Code

0 : Standard   A∿Z : Needle gauge

1∿9 : Non-standard specification

(4) Independent/Assembly Identification Code

0 : Independent

A ∿D : Assembly

A : Complete set

1.2.4 Equipment Part Number

(Type 1)

```
      1  2  3    4  5  6  7  8   9  10 11
      M  A  O - △ △ △ △ △ [  ][  ][  ]
```

(1) AO Equipment Part Symbol

(2) Material/Color/Size code

(3) Independent/Assembly Identification code.

Assignment Order Number
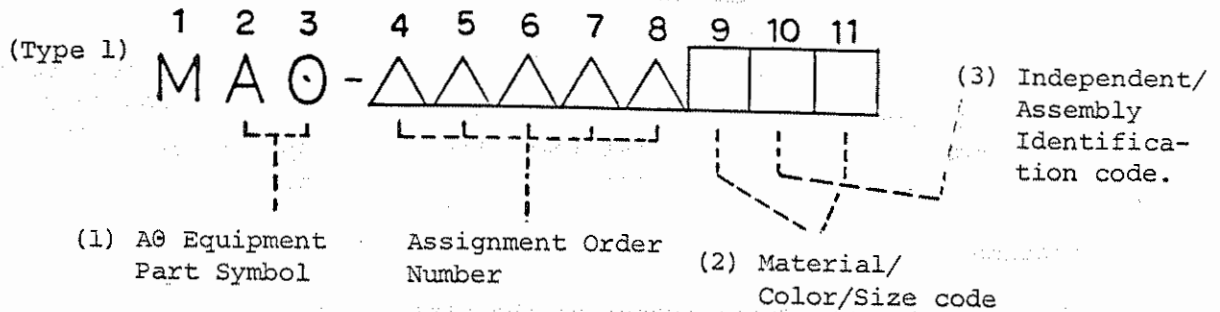
(1) AO Equipment Part Symbol

This indicates that the part is exclusively used in the AO equipment.

(2) Material/Color/Size code

O : Standard   A∿H : Material/Color/Size

(3) Independent/Assembly Identification Code

O : Independent   A∿C : Assembly

(Type 2)

```
      1  2  3    4  5  6  7  8   9  10 11
      G [  ][  ] △ △ △ △ △ [  ][  ][  ]
```

(1) Equipment Model Symbol

Assignment Order Number

Material Color/Size code

Independent/Assembly Identification code.
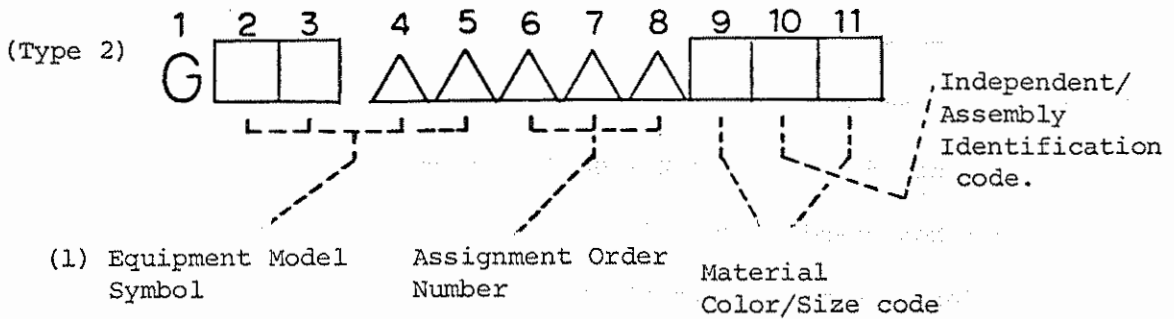
(1) Equipment Model Symbol

(Example)

MB-373/BR-1

GBR-012230AO

Refer to Type 1 for other Numbers and Codes.

1.2.5 Gauge Part Numbers
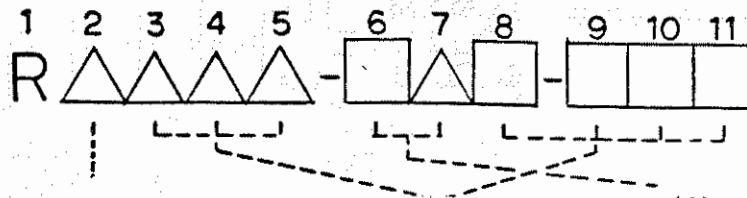
(1) Article Symbol   (2) Material/Color/   (3) Model Code
                          Size

(1) Article Symbol

    4 : Throat plate

    5 : Presser foot

    6 : Feed dog

(2) Material/Color/Size Code

    Thid depends on the article and model

(3) Model Code

    The Model Code indicates the applicable model.

    E0 :MO -800 series standard models

    F0 : MF series standard models

    G0 : MO-1500 series standard models

    E1 : MO-800 series models with thread trimmer

    F1 : MF series models with thread trimmer

    G1 : MO-1500 series models with thread trimmer
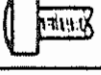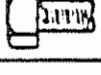
Part Number classification	Component group	DDW DDL DLD	DLM DLN DLU	LZ	LH LU LUH	MH	MS	MO	MF	MB	LK	LBH	MBH
							Sewing Machine Models						
1101~	Frame & Cover	O	O	O	O	O	O	O	O	O	O	O	O
1201~	Main shaft	O	O	O	O	O	O	O	O	O	O	O	
1301~	Upright shaft and timing belt	O	O	O	O	O			O			O	
1401~	Needle bar	O	O	O	O	O	O	O	O	O	O	O	O
1501~	Presser bar	O	O	O	O	O	O	O	O		(O)	O	O
1601~	Feed mechanism (Feed driving mechanism)	(O)	(O)	(O)	O	(O)	O	O	(O)	O		O	O
1701~	Feed rocker shaft	O	O	O		O			O				
1801~	Hook driving shaft and sewing hook	O	O	O	O	O	O				O	O	
	Driving shaft												O
1901~	Thread take-up	O	O	O	O	O	O		O		O	O	
2001~	Looper avoiding eccentric shafts						O						
	Chain looper					O		357					
	Nipper									O	O		
	Needle thread trimmer											O	
	Thread tension										O		
2101~	Feed rocker (Zigzag)			(O)		O							
	Wiper	O									O		
	Looper avoiding shaft							350					
	Chain looper							800					
	Thread spreader					O							
	Looper rocker shaft					O							
2201~	Looper thread take-up					O	O	O	O				
	Worm wheel shaft										O		
2301~	Thread tension and presser lifter					O	O				O		O
	Needle guard					O							
2401~	Looper thread tension					O	O						
	Thread trimmer	O									O	O	
2501~	Looper						O	O	O				O
	Feed cam										O		
2601~	Stop-motion mechanism (synchronizer)	(O)									O	O	O
2701~	Knife											O	O
2901~	Needle bar frame		O										
	Feed cam											O	
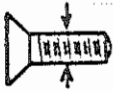
Part Number classification	Component group	DDW DDL DLD	DLM DLN DLU	LZ	LH LU LUH	MH	MS	MO	MF	MB	LK	LBH	MBH
3001~	Top feed		O										
	Pedal pressure decreasing unit										O		
	Bar tacking												O
3101~	Thread tension and tension release	O	O	O	O	O	O	O	O	O	O	O	
3201~	Bobbin winder	O	O	O	O						O	O	
3301~	Thread stand	O	O	O	O	O	O	O	O	O	O	O	O
3401~	Knee lifter (presser lifter)	O	O	O	O	O			O			O	
	Starting mechanism												O
3501~	Lubrication	O	O	O	O	O	O	O	O	O	O	O	O
4001~	Thread trimmer												O
4101~	Knife		O					O					
4401~	Button clamp lifter									O			
5001~	Attachment mounting								O				
6001~	Control box	O										O	
7101~	Motor				O						O	O	O
8101~	Stand	O	O	O	O	O	O	O	O	O	O	O	
8201~	Table	O	O	O	O	O	O	O	O	O	O	O	O
8501~	Emergency-stop												O
9101~	Accessories	O	O	O	O	O	O	O	O	O	O	O	O

Automatic machines
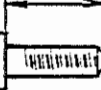
Part Number classification	Component group	ECS	APW	ASN
5001	Mechanical components	O	O	O
6001	Electric components	O	O	O

Sewing machine thread screws   :Assignment No.

```
   1  2  3  4  5  6  7  8  9    10 11
  S S-△△△△△△△△△-□□
```

Shape of head		Outside diameter of external thread		Length of screw	Shape of slot	
Flat head	1				"Minus" slot	0
Oval counter-sunk head	2	Inch-Number of thread (mm)			"Plus" slots (cross recessed head)	1
		1/16 - 80 (1.6)	04			
		5/64 - 64 (2)	05			
Round head	3	3/32 - 56 (2.4)	06		Hexagon socket head	2
		3/32 - 80 (2.4)	56			
		1/8 - 44 (3.2)	08			
Pan head	4	1/8 - 40 (3.2)	*58		Hexagon head	3
		9/64 - 40 (3.6)	09			
		11/64 - 40 (4.4)	11			
Binding head	5	3/16 - 28 (4.8)	12		Square recessed head	4
		3/16 - 32 (4.8)	62			
		13/64 - 32 (5.2)	13			
		7/32 - 32 (5.6)	14		Cross slotted head	5
Flat fillister head	6	15/64 - 28 (6)	15			
		1/4 - 24 (6.4)	16			
		1/4 - 40 (6.4)	66			
		9/32 - 20 (7.1)	18			
Oval fillister head	7	9/32 - 28 (7.1)	68			
		5/16 - 18 (7.9)	20			
		5/16 - 24 (7.9)	70			
		11/32 - 28 (8.7)	22			
Set screw	8	3/8 - 18 (9.5)	24			
		3/8 - 28 (9.5)	74			
		7/16 - 16 (11.1)	28			
Hexagon head	9	7/16 - 28 (11.1)	78			
		1/2 - 12 (12.7)	32			
		1/2 - 28 (12.7)	82			
		9/16 - 20 (14.3)	36			

Length of screw: In mm, counting fractions of 5 and over and cutting away the rest below the decimal place.

Outside diameter of external thread: The outside diameter of external thread is represented by a numerator of X/64 inches of each screw. When the screws have the same diameter but the different number of threads, the screw having more threads than the other is shown by its diameter designation plus "50".
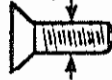
(Example) 1/4 →16/64 → 16(24 threads)
        16 + 50 →66(40 threads)
(Note) (*) shows an exceptional screw

 : Assignment No.

```
     1  2  3  4  5  6  7  8  9   10 11
   S M-△△△△△△△△△-□□
```

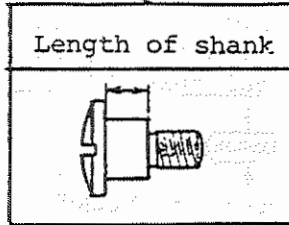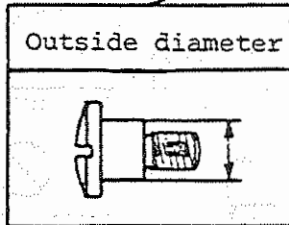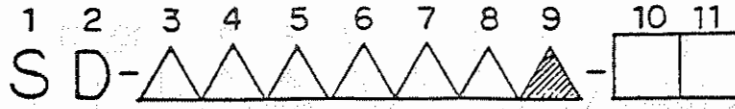| Shape of head		Outside diameter of external thread		Length of screw	Shape of slot	
Truss head	O	Inch-Number of thread			"Minus" slot	O
Flat head	1	1.4 (0.3)	94		"Plus" slots (cross recessed head)	1
		1.6 (0.35)	96			
		1.7 (0.35)	97			
Oval counter sunk head	2	1.8 (0.35)	98		Hexagon socket head	2
		2 (0.4)	02			
Round head	3	2.2 (0.45)	82		Hexagon head	3
		2.3 (0.4)	83			
		2.5 (0.45)	85			
Pan head	4	2.6 (0.45)	86		Square recessed head	4
		3 (0.5)	03			
		3.5 (0.6)	75			
Binding head	5	4 (0.7)	04		Cross slotted head	5
		4.5 (0.75)	65			
		5 (0.8)	05			
Flat fillister head	6	6 (1.0)	06			
		7 (1.0)	07			
Oval fillister head	7	8 (1.25)	08			
		9 (1.25)	09			
		10 (1.5)	10			
Set screw	8	11 (1.5)	11			
		12 (1.75)	12			
		14 (2.0)	14			
Hexagon head	9	16 (2.0)	16			
		18 (2.5)	18			
		20 (2.5)	20			
		22 (2.5)	22			
		24 (3.0)	24			

Length of screw : In mm, counting fractions of 5 and over and cutting away the rest below the decimal place.

Outside diameter of external thread: In mm. Those screws which have a diameter below the decimal place is represented in the way that 80, 60, 40 or 20 is added respectively to 1.△ , 2.△ , 3.△ or 4.△ after multiplying by 10.

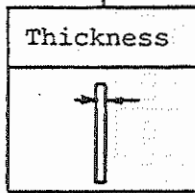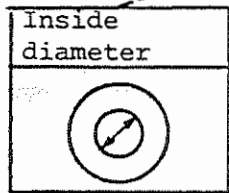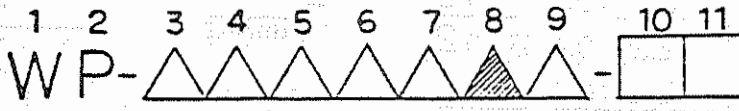(Example) : $1.8 \to (1.8 \times 10) + 80 = 98$

△ : Assignment No.

Hinge screw

```
     1  2  3  4  5  6  7  8  9   10 11
    S D-△△△△△△△△▨-□□
         └─┴─●─┘ └─┴─●─┘
```

Outside diameter	Length of shank

Unit: in mm, counting fractions of 5 and over and cutting away the rest below the decimal place. (This applies to other items given below)
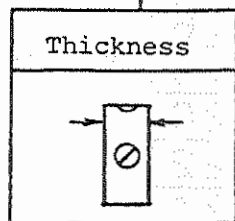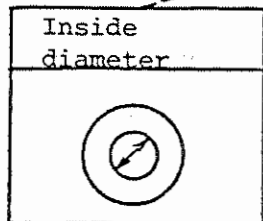

Plain washers

```
     1  2  3  4  5  6  7  8  9   10 11
    W P-△△△△△△△▨△-□□
         └─┴─●─┘ └●─┘   ┆
```

Inside diameter	Thickness	JIS classification
		Round small washer : 0
		Round finished washer : 1
		Other washers : 6

Thrust collars

```
     1  2  3  4  5  6  7  8  9   10 11
    C S-△△△△△△△▨△-□□
         └─┴─●─┘ └─┬─┘   ┆
```
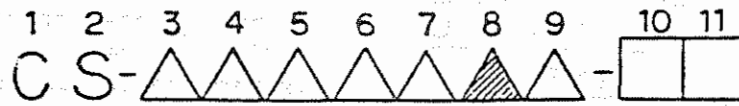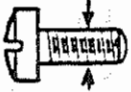
Inside diameter	Thickness	Independent/ Assembly identification
		Independent : 1 ~ 9
		with screw : 0, A~G

-21-

Sewing Machine Thread Nuts

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

N S - 6 △△△△△ 0 - ☐ ☐

Hexagon nut	Outer diameter of thread	Length of nut
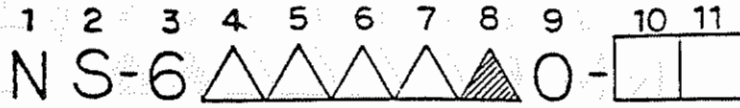
Inch-Number of thread (mm)

5/64 - 64	05
3/32 - 56	06
3/32 - 80	56
1/8 - 44	08
1/8 - 40	58
9/64 - 40	09
11/64 - 40	11
3/16 - 28	12
3/16 - 32	62
13/64 - 32	13
7/32 - 32	14
15/64 - 28	15
1/4 - 24	16
1/4 - 40	66
9/32 - 20	18
9/32 - 28	68
5/16 - 18	20
5/16 - 24	70
11/32 - 28	22
3/8 - 18	24
3/8 - 28	74
7/16 - 16	28
7/16 - 28	78
1/2 - 12	32
1/2 - 28	82
9/16 - 20	36
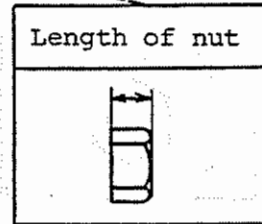
△ : Assignment No.

Metric Thread Nuts

```
   1   2   3   4   5   6   7   8   9  10  11
   N  M  6  △  △  △  △  △  ◭  ◭      □  □
```

Hexagon nut
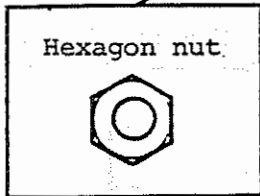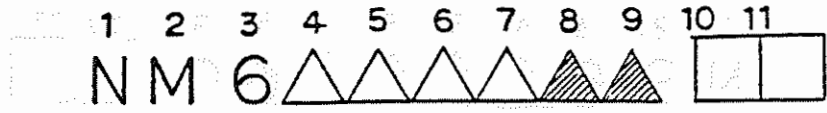
Outer diameter of thread

Diameter of thread (pitch)

Length of nut

◭ : Assignment No.

Diameter of thread (pitch)	
2 (0.4)	02
2.2 (0.45)	82
2.3 (0.4)	83
2.5 (0.45)	85
2.6 (0.45)	86
3 (0.5)	03
3.5 (0.6)	75
4 (0.7)	04
4.5 (0.75)	65
5 (0.8)	05
6 (1.0)	06
7 (1.0)	07
8 (1.25)	08
9 (1.25)	09
10 (1.5)	10
11 (1.5)	11
12 (1.75)	12
14 (2.0)	14
16 (2.0)	16
18 (2.5)	18
20 (2.5)	20
22 (2.5)	22
24 (3.0)	24

Spring pins

1	2	3	4	5	6	7	8	9	10	11

P S- △△△△△△△ - ☐ ☐

Outside diameter	Length	Type

			One end bevelled	1
	General use		Both ends bevelled	2
	Light-duty use		One end bevelled	3
			Both ends bevelled	4

Taper pins

1	2	3	4	5	6	7	8	9	10	11

P T- △△△△△ O O - ☐ O

Diameter	Length

Not quenched	O
Quenched	H
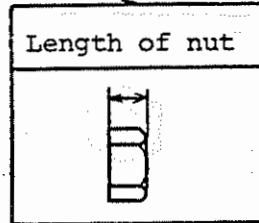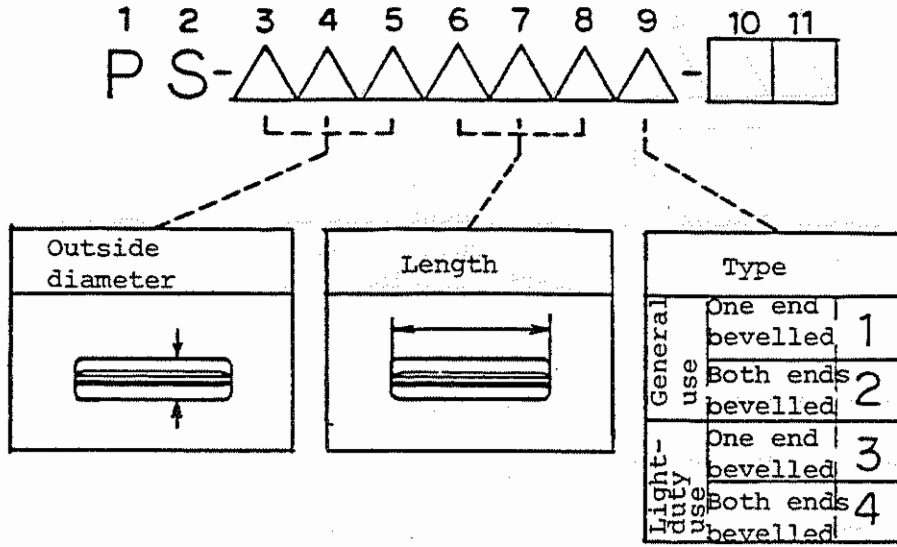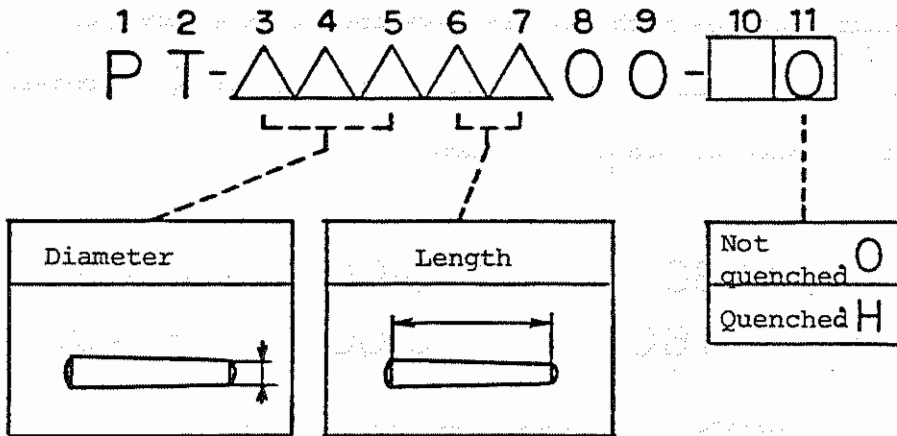
II. 8-Figured Part Numbers

```
     1  2  3     4  5  6  7  8
     △△△-△△△△△
     └__└__⌐__|__|__|__⌐  |  |
              └__⌐          |  └___
                           |         ~~~
```
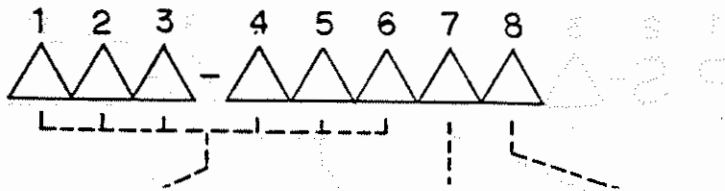
(1) Assignment number (2) Independent/Assembly (3) Computer debugging
                          /Interchangeability   code
                          identification code

(1) Assignment Number

A number 100-001 to 999-998 is given to each part in the order of

assignment.

This assignment number does not indicate the model of machine and

part. In order to prevent the part numbers from overlapping when

some number of new machines are developed in the same period, the

Part Numbers are assigned in sequence to each group of models within

a predetermined allocation of Numbers.

(Example)

LZ-1280 ------- 100-001~100-699
MO-1516G ------ 115-001~116-499

(2) Independent/Assembly/Interchangeability Identification Code

The independent part is indicated by "0" and is changed to "1" to

"4" when it is not interchangeable due to a modification or improve-

ment at a later date. The assembled part is indicated by "5" to "9".

(Example) Three-hole thread eyelet asm. of LZ-1280.

```
                    ┌ - 100-05007
                    ¦
100-05056 - ¦ - - 100-05106
                    ¦
                    └ - 100-05205
```
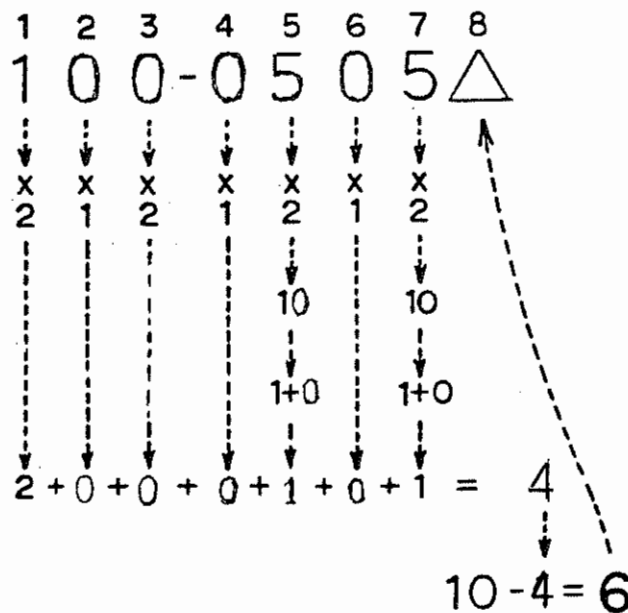
(3) Computer Debugging Code (C/D Code)

This Computer Debugging Code (0 to 9) is used to debug the error

in writing for the first seven digits of a Part Number.

Determination of C/D Code:

When checking a Part Number, the last digit of the figures to

be inspected (viz. 7th digit of 8-figured number)is multiplied

by 2 and the figure before it (6th digit of 8-figured number)

is multiplied by 1. Multiplications by 2 and 1 are alternately

repeated up to the first digit.

When the product is more than 10, the 2 digits consisting of a

product is summed up. Then, all products of seven figures are

summed up. The figure of the last digit of the sum is subtracted

from 10 and the difference is used as a C/D Code.

(Example)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

$$100\text{-}0505\triangle$$

×	×	×	×	×	×	×
2	1	2	1	2	1	2

$$10 \qquad 10$$

$$1+0 \qquad 1+0$$

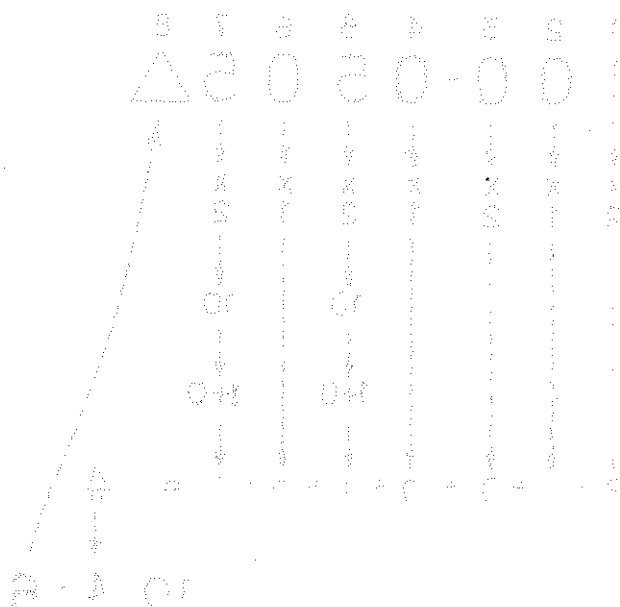$$2+0+0+0+1+0+1 = 4$$

$$10-4=6$$

This C/D Code is processed by the computer and the part number

allocation list is printed out. New Part Numbers are provided

by this allocation table and debugged by the computer using the

C/D Codes.

Scope of application of 8-figured Part Numbers:

For the time being, the 8-figured Part Numbers are applied to the parts

which are exclusively used in the industrial sewing machine whose Model

Number is represented by 4 figures (Ex. LZ-1280, MO-1516G).

Also it may be applied to some of the component parts which are and will

be procured from the external sources.

At present time, we do not have any plan to transfer the current 11-figured

system to 8-figured system.

JUKI

TOKYO JUKI INDUSTRIAL CO., LTD.