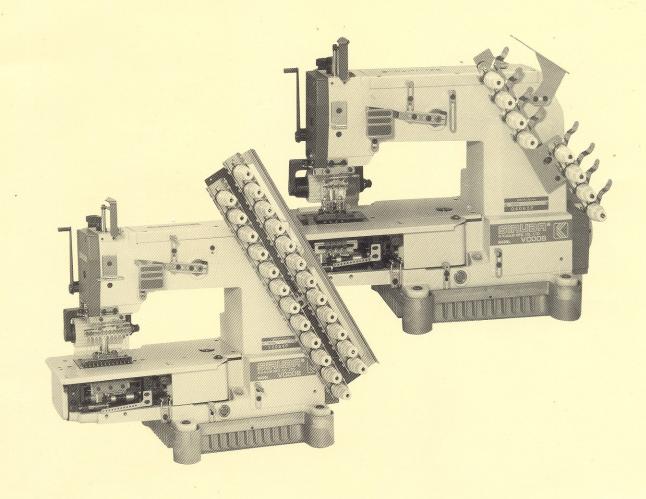
SIRUBA®

VC008

## SALES GUIDE

CYLINDER BED MULTI-NEEDLE DOUBLE CHAINSTITCH MACHINE



c/catraca



KAULIN MFG. CO., LTD.



36

DIAGRAMS OF TABLE TOP CUT-OUT

#### DESCRIPTION OF MACHINE MODELS AND SUBCLASSES

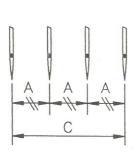
#### 1. How to recognize subclasses

VC008-04 64-254 P/VWL

① ② ③ ④ ⑤

- ① High speed semi-cylinder-bed multi-needle double chainstitch machine
- ② Number of needles
  04: 4 needles
  12: 12 needles
- ③ Situation I: Distance between every two needles (equal distance). Refer to Fig.1

Fig.1

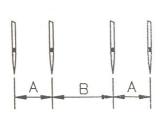


Subclass No.	Total Dis	tance (C)
064	3/4"	(19MM)
085	1"	(25.4MM)
095	1-1/8"	(28.6MM)
106	1-1/4"	(31.8MM)
127	1-1/2"	(38.1MM)

#### Situation II:

Distance between every two needles (Various distances). Refer to Fig. 2

Fig.2



Subclass	Distance between needles							
SubClass		A		В		A *		
xx48-191	3/16"	(4.8MM)	3/4"	(19MM)	3/16"	(4.8MM)		
xx48-222	3/16"	(4.8MM)	7/8"	(22.2MM)	3/16"	(4.8MM)		
xx48-254	3/16"	(4.8MM)	1"	(25.4MM)	3/16"	(4.8MM)		
xx64-191	1/4"	(6.4MM)	3/4"	(19MM)	1/4"	(6.4MM)		
xx64-127	1/4"	(6.4MM)	. 1/2"	(12.7MM)	1/4"	(6.4MM)		
xx64-254	1/4"	(6.4MM)	1"	(25.4MM)	1/4"	(6.4MM)		

- Rear Puller: "P" means that the machine is with a rear puller. When the rear puller is not equipped with, omit "P". Besides, "P" is equivalent to "VCL" and all mean rear puller.
- (5) Devices

P(VCL): Rear pulling device.

VMR: Ruffling device.

VWL: Front elastic feeding device. VPL: Tape feeding holder.

VPQ: Elastic shirring stitch device.

VCE: Seamless elastic waist band guiding & attaching device.

VAD: Pneumatic presser foot lifting device.

VSF: Shirt front sewing device.

VPT: Pin-tucking device.

FH: Below-table tape holder.

RL: Tubular goods extending device.

LSA: Tape holder, especially for VPL device.

#### 2. General specifications

- (1) Sewing type: Multi-needle double chainstitch sewing.
- (2) Number of needles: 2 12 needles.
- (3) Number of threads: 4 24 threads.
- (4) Type of needle: ORGAN UO113 #11-#18 / SCHMETZ UY113GS #70-#160
- (5) Distance between needles: Refer to page 1.
- (6) Needle bar stroke : 31mm or 34mm.
- (.7) Range from min. to max. of sewing stitches: 6-24 stitches/inch
- (8) Maximum speed: 4500 S.P.M.
- (9) Type of oiling & lubricating: Automatic oiling & lubricating.
- (10) Suggested lubricating oil: AGIP #32, MOBIL #10 or ESSO #32
- (11) Suggested motor: 1/2HP clutch motor.

#### 3. Spare parts number classification

1 Needle

E 9 XXXX EX: E9002 \_\_\_\_ \_\_\_

② Feed Dog

D 9 XXXX EX: D9002

③ Presser Foot

P 9 XXXX EX: P9002

4 Needle Holder

EX: M9002 M 9 XXX

6 Retainer Holder

EX: R9002 R 9 XXXX

6 Looper Holder

L 9 XXXX EX: L9002

- ① Looper : V E 5 1
- V A XX V Z XX Parts group

VA : Machine Bed Frame and Cover.

VB : Machine Bed Cover. VC : Feeding Mechanism.

VD : Crank Shaft Mechanism.

VE : Lower Looper & Retainer Holder Mechanism.

VF : Needle Bar Mechanism. VJ : Presser Foot Mechanism. VK : Threading Mechanism.

VL : Filtering & Lubricating Mechanism.

VN : Head Supporter. VY : Accessories. VZ : Thread Stand.

\* Parts No. ended with "-E" : Parts including screw.

\* Parts No. ended with "-C" : Group parts.

\* Parts No. ended with "-A" : Component parts.

\* Parts No. ended with "P" : Parts of machines with needles more than 6.

### 4. How to make conversion

① Machines with needles below 4 --Models & subclasses can be converted to any others by changing gauge set.

EX: VC008-04085P --> VC008-0448-191

> Needle Holder : M9004 --> M9004A Needle Plate : E9004 Main Feed Dog : D9004 D9004A Presser Foot : P9004 P9004A Retainer Holder: R9004 R9004A Looper Holder : L9004 L9004A

② Machines with needles more than 6 --Models & subclasses can be converted to any others by changing gauge set.

EX: VC008-12048 --> VC008-12064

> Needle Holder : M9012 M9112 Needle Plate : E9012 E9112 Main Feed Dog : D9012 D9112 Presser Foot : P9012 P9112 Retainer Holder: R9012 R9112 Looper Holder : L9012 L9112

Machines with needles below 4 and machines with needles more than 6 are interchangeable --

Models & subclasses can be converted to any others by changing gauge set and thread stand.

- Remark: 1. Loopers (VE51), Needles, and Retainers (VE30) have to be ordered when fewer needles model is converted to more needles models.
  - 2. Parts No. ended with "P" have to be converted.
    Ex. VK01 --> VK01P or VK01P --> VK01
  - 3. VK series (1) has to be changed to VK series (2).

EX:	VC008-04085P	>	VC008-	12064P	
	Needle Holder :	M9004	>	M9112	
	Needle Plate :	E9004		E9112	
	Main Feed Dog :	D9004		D9112	
	Presser Foot :	P9004	×	P9112	
	Retainer Holder:	R9004		R9112	
	Looper Holder :	L9004		L9112	
		VA19		VA19P	
		VA06		VA06P	
		VB06		VB06P	
		VE32		VE32P	
		VF19		VF19P	
		VF18		VF18P	
		VJ01-3		VJ01-3P	
		VK serie	s(1)	VK series (2)	
	Additional loone				75.20\ barra

Additional loopers (VE51), needles, retainers (VE30) have to be ordered.

Machines with more needles can be converted to machines with fewer needles --Remove unnecessary needles according to the desired distance between needles needed.

#### \*\* Remarks :

Above mentioned machines can be converted to any others only when their needle bar strokes are the same.

## SPARE PARTS CONVERSION CHART

MODEL	SUB-	DISTANCE BETWEEN	NEEDLE	NEEDLE	FEED	PRESSER	RETAINER	LOOPER	NEEDLE	NEEDLE
NO.	CLASS	NEEDLES	HOLDER	PLATE	DOG	FOOT	HOLDER	HOLDER	BAR STROKE	U0113
VC008-02 /VMR	064	1/4"	M9002	E9002	D9002	P9002	R9002	L9002	31 mm	#75 - #100
	064	3/4"	M9004	E9004	D9004	P9004	R9004	L9004		**
VC008-04 (	085	1"	M9104	E9104	D9104	P9104	R9104	L9104		**
	095	1-1/8"	M9204	E9204	D9204	P9204	R9204	L9204	34	85
	106	1-1/4"	M9304	E9304	D9304	P9304	R9304	L9304	mm	7.5
	127	1-1/2"	M9404	E9404	D9404	P9404	R9404	L9404		**
	064	3/4"	M9404	E9404	D9004	P9004	R9004	L9004		**
VC008-04/	085	1"	M9104	E9104	D9104	P9104	R9104	L9104		ff
VCE/RL/VAD	095	1-1/8"	M9204	E9204	D9204	P9204	R9204	L9204	34	**
	106	1-1/4"	M9304	E9304	D9304	P9304	R9304	L9304	mm	"
	127	1-1/2"	M9404	E9404	D9404	P9404	R9404	L9404		tt
	064	3/4"	M9404	E9404	D9004	P9004	R9004	L9004		н
UCOOO OA/	085	1"	M9104	E9104	D9104	P9104	R9104	L9104	34 mm	**
VC008-04/ VWL/FH	095	1-1/8"	M9204	E9204	D9204	P9204	R9204	L9204		11
	106	1-1/4"	M9304	E9304	D9304	P9304	R9304	L9304		**
	127	1-1/2"	M9404	E9404	D9404	P9404	R9404	L9404		**
	191	3/16-3/4-3/16"	M9504A	E9504A	D9404A	P9404A	R9404A	L9404A		"
VC008-0448	222	3/16-3/4-3/16"	M9204A	E9204A	D9204A	P9204A	R9204A	L9204A	34	**
	254	3/16-3/4-3/16"	M9404A	E9404A	D9404A	P9404A	R9404A	L9404A	mm	PF
VCOO8-0448 VSF/FH	254	3/16-3/4-3/16"	M9404A	E9404A	D9404A	P9404A	R9404A	L9404A	34 mm	**
	191	1/4 -3/4-1/4 "	M9304A	E9304A	D9304A	P9304A	R9304A	L9304A		77
VC008-0448	127	1/4 -3/4-1/4 "	M9004A	E9004A	D9004A	P9004A	R9004A	L9004A	34	ff
	254	1/4 -3/4-1/4 "	M9104A	E9104A	D9104A	P9104A	R9104A	L9104A	mm	ŧŧ
VC008-0464 VSF/FH	191	1/4 -3/4-1/4 "	M9304A	E9304A	D9304A	P9304A	R9304A	L9304A	0.1	71
A91.4 1.11	254	1/4 -3/4-1/4 "	M9104A	E9104A	D9104A	P9104A	R9104A	L9104A	34 mm	**
VCOO8-06 VPL/LSA	048	3/16"	M9012	E9012	D9012	P9012	R9012	L9012	-	11
VIL/LOH	064	1/4"	M9112	E9112	D9112	P9112	R9112	L9112	34 mm	**
UCAA0 10	048	3/16"	M9012	E9012	D9012	P9012	R9012	L9012		ŤŤ
VC008-12	064	1/4"	M9112	E9112	D9112	P9112	R9112	L9112	34 mm	**
UCAAO 10	048	3/16"	M9012	E9012	D9012	P9212	R9012	L9012		11
VC008-12 /VPQ	064	1/4"	M9112	E9112	D9112	P9312	R9112	L9112	34 mm	11
UCOAO 10	048	3/16"	M9012	E9012	D9012	P9212	R9012	L9012		DV57
VCOO8-12 /VPT	064	1/4"	M9112	E9112	D9112	P9312	R9112	L9112	34 mm	#90

MODEL :

V C O O 8 - O 2 O 6 4 P / V M R

NAME

2-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH RUFFLING

MACHINE, EQUIPPED WITH PULLER

#### DESCRIPTION :

Applies to the ruffling sewing on curtains, bed covers, bed sheets, table covers or interior cloth decorations. By using different cams, a good number of beautiful ruffling sewings can be produced.

#### REMARKS :

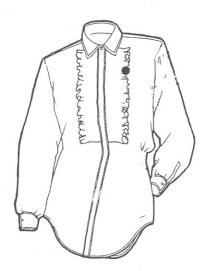
1. Rear puller VCL16/VCL28 are in flat shape.

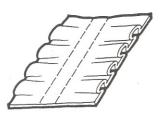
2. This model is designed for special use, therefore, it can not be converted by changing the gauge set.

3. The maximum interval between each ruffling is about 7-8mm.

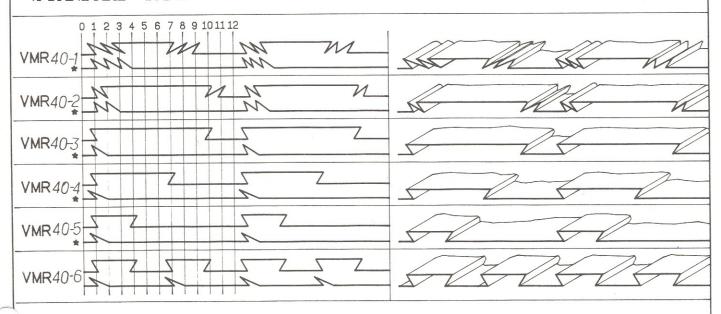
4. Six different cams are included in this machine. (VMR40-1, 2, 3, 4, 5, 6)

### SEWING ILLUSTRATION:



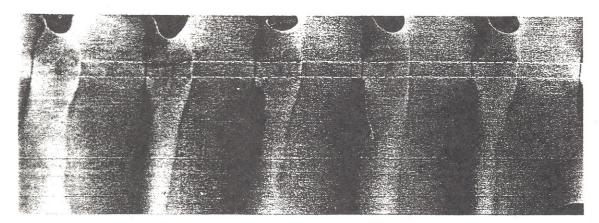


## STANDARD CAMS

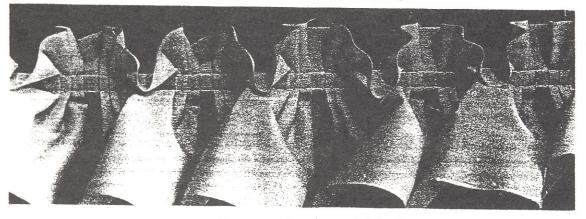


Note: The ruffling of the above cam with a "\*" marking means the ruffling can be done by putting fabric between Lower Ruffling Plate (VMR67) and Holding Plate (VMR12).

## VCOO8-02064 SEWING SAMPLES



Cam No.VMR40-5



Cam No.VMR40-1

MODEL:

VCOO8-O4XXXP ( XXX=064,085,095,106,107 )

NAME :

4-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH MACHINE

#### DESCRIPTION :

1. Automatic oiling and lubricating. Back and forth loopers moving and driving mechanism.

2. Semi cylinder bed enables the tubular goods to be

sewn in an efficient way.

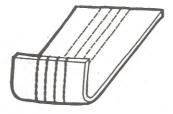
3. Push-button type of stitch length regulator speeds up the adjusting procedure.

#### REMARKS:

1. This machine is available to be put together with various devices for special sewing purposes.

2. Please refer to the descriptions of other machine models with special devices for knowing about their sewing functions.

#### SEWING ILLUSTRATION :



MODEL :

V C O O 8 - O 4 XXXP / V C E / R L (XXX=064,085,095,106,127)

NAME

4-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH MACHINE --ESPECIALLY FOR SEAMLESS ELASTIC WAIST BAND ATTACHING

#### DESCRIPTION :

 Automatic oiling and lubricating. Back and forth loopers moving and driving mechanism.

2. Semi cylinder bed enables the tubular goods to be sewn in an efficient way.

3. Push-botton type of stitch length regulator speeds up the adjusting procedure.

#### REMARKS :

 In addition to the ordinary sewing, the seamless elastic waist band can be attached on to the men's briefs by using VCE and RL devices.

 With VCE and RL devices, this machine can also sew on the seamless elastic waist band after overlock seaming.

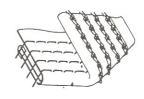
3. VCE and RL need to be used together.

4. When VAD device is used together with the machine, a compressing air supply system is required.

5. This machine is equipped with VCL rear puller for waist band attaching purpose. Rollers VCL108/VCL33 of VCL are in gear shape.

#### SEWING ILLUSTRATION :







MODEL :

VCOO8-O4XXXP/VWL/FH (XXX=064,085,095,106,127)

NAME :

4-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH MACHINE --ESPECIALLY FOR ELASTIC WAIST BAND ATTACHING

#### DESCRIPTION :

1. VWL front elastic feeding device is operated by interior mechanism of the machine, and the length of elastic fed by VWL can be easily adjusted.

2. Because the machine is equipped with front and rear pullers, the elastic waist on jogging suits, sportswear or slacks can be maintained in the same elasticity for the sewing quality.

3. A roll of elastic band is suggested to be placed on FH fixed under table and then fed by VWL.

#### REMARKS :

1. VWL device can be purchased separately and installed by the users.

2. VCL08/VCL33 rollers of rear puller are in gear shape.

3. There are 2 kinds of folders: B411 (3-fold type) and B413 (2-fold type, adjustable maximum width is 1-1/2"). The machine will be with standard folder B413, if the order is not specified.

Parts No.	B411	B411P	B411Q	B411R	B411S
Width before binding	33MM	30MM	42MM	25MM	36MM
Width after binding	31MM	28MM	40MM	23MM	34MM
Model VC008-04-	095	085	127	064	106

4. FH device is required for VWL.

#### SEWING ILLUSTRATION:







B411



MODEL :

VCOO8-0448-245P/VSF/FH

NAME:

4-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH SHIRT FRONT SEWING MACHINE

#### DESCRIPTION:

With 4 needles or 2 needles, only one sewing procedure is required for sewing various kinds of shirt fronts. Because a specific folder is used together, a long and continuous sewing can be very smooth and convenient.

#### REMARKS:

1. Rollers VCL16/VCL28 of rear puller are in flat shape.

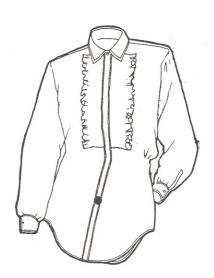
2. If the folder is required for the machine, while ordering, folder's number has to be specified.

Folder No. B529 B529P B529Q Before binding 2-3/8" 2-1/2" 2-5/8" Finished size 1-3/8" 1-1/2" 1-5/8" Available model VC008-0464-191 VC008-0448-254 VC008-0464-254

3. The cost of folders required needs to be charged.

4. FH is the device reguired for VSF.

## SEWING ILLUSTRATION:





MODEL :

V C O O 8 - O 6 XXXP / V P L / L S A (XXX=048,064)

NAME

6-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH MACHINE FOR ORNAMENTAL TAPE ATTACHING

#### DESCRIPTION :

Specially used for attaching ornamental tape to the front, shoulder, and sleeve of sportswear.

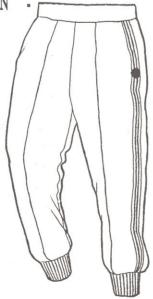
#### REMARKS:

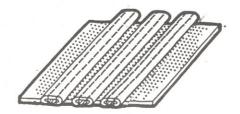
 Rollers VCL16/VCL28 of rear puller are in flat shape.
 There are 4 kinds of folders available. (8mm, 9mm, 10mm and 12mm) If the folder number is not specified on orders, 12mm sized folder (B417S/417AS) will be attached to VC008-06064 model, and 9mm sized folder (B417Q/417AQ) will be attached to VC008-06048 model.

B417P/417AP B417Q/417AQ B417R/417AR B417S/417AS Folder No. 12MM 10MM 9MM Width after binding 8MM VC008-06048 VC008-06048 VC008-06064 VC008-06064 Available model

3. The tapes whose widths are in multiple of 3/16" or 1/4" can all be used for this machine.

SEWING ILLUSTRATION





MODEL :

V C O O 8 - 1 2 XXXP (XXX=048,064)

NAME :

12-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH MACHINE

#### DESCRIPTION :

1. Back and forth loopers driving mechanism.

Automatic oiling and lubricating system.

2. The semi-cylinder-bed design enables the effective

sewing on tubular goods.

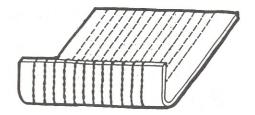
3. Push-button type stitch length regulator speeds up the adjusting efficiency.

#### REMARKS :

1. This machine can be put together with various devices for special sewing purposes.

2. Please refer to the description of other machine models with special devices for knowing about the sewing functions.

#### SEWING ILLUSTRATION :



MODEL :

V C O O 8 - 1 2 XXXP / V P Q (XXX=048,064)

NAME :

12-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH SHIRRING

MACHINE

--WITH ELASTIC THREAD SHIRRING SEWING DEVICE

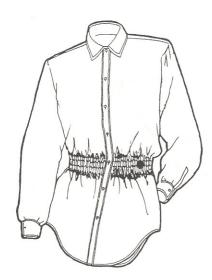
#### DESCRIPTION :

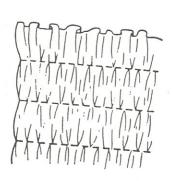
Suitable for sewing ornamental shirring with tiny elastic on ladies' blouses, ladies' swimming suits, dresses, pillow covers, and childrens' shirts.

#### REMARKS :

- 1. Rollers VCL16/VCL28 of rear puller are in flat shape.
- 2. Threads for loopers need to be tiny elastic threads (rubber threads).

## SEWING ILLUSTRATION :





MODEL :

V C O O 8 - 1 2 XXXP / V P T

NAME :

12-NEEDLE SEMI-CYLINDER-BED DOUBLE CHAINSTITCH MACHINE WITH PIN-TUCKING ATTACHMENT AND PULLER

#### DESCRIPTION :

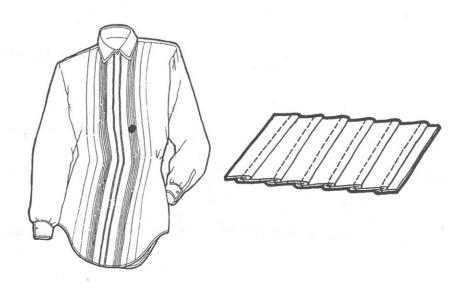
Suitable for pin-tucking sewing on men's and ladies' shirts, ladies' dresses, childrens' shirts. No matter for left or right-fold sewing, quality sewing can be assured.

#### REMARKS :

 Rollers VCL16/VCL28 of rear puller are in flat shape.
 There are 1/4" and 3/16" different sized folders for selection. 3/16" folder is for VC008-12048 model, and 1/4" folder is for VC008-12064 model.

3. If VPT device is ordered separately and installed by the user himself, the fixture for cloth guide VA05/ VA01 need to be tapped first for installation.

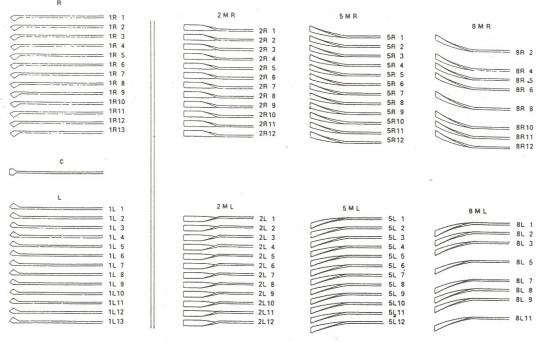
#### SEWING ILLUSTRATION:



Tucking Device:

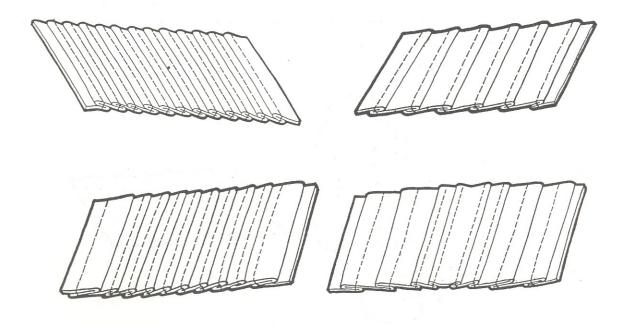
Various kinds of fabric guides can be changeable according to different purposes. Therefore, one machine can fit different purposes of sewing by only changing the fabric guides.

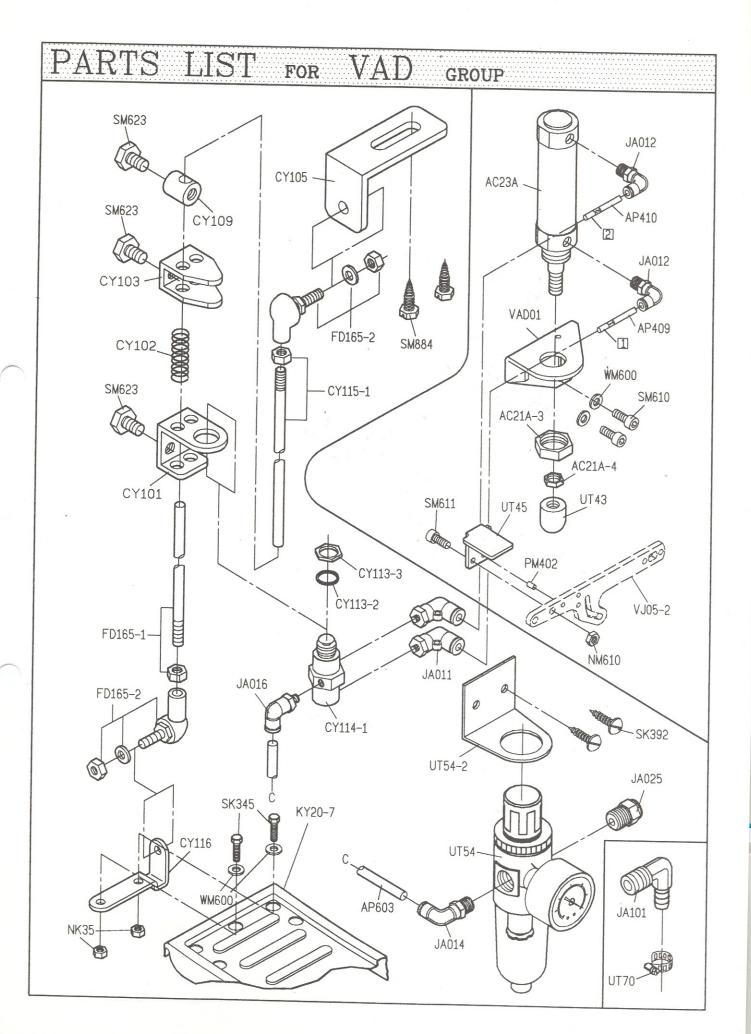
## Standard fabric guides



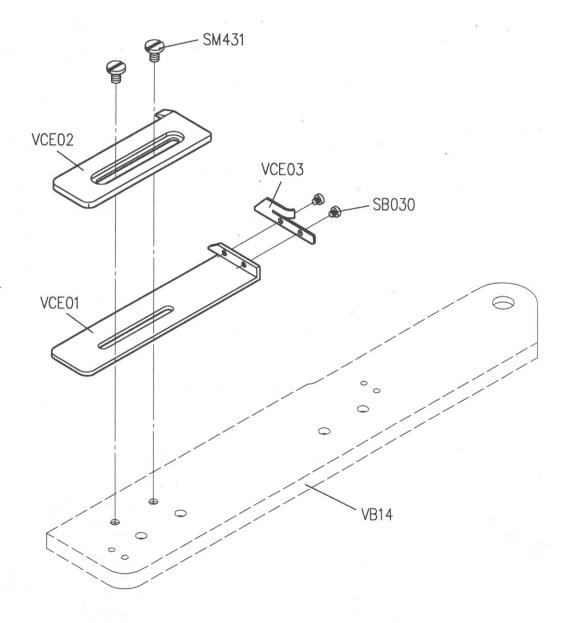
\* Extra guides are provided.

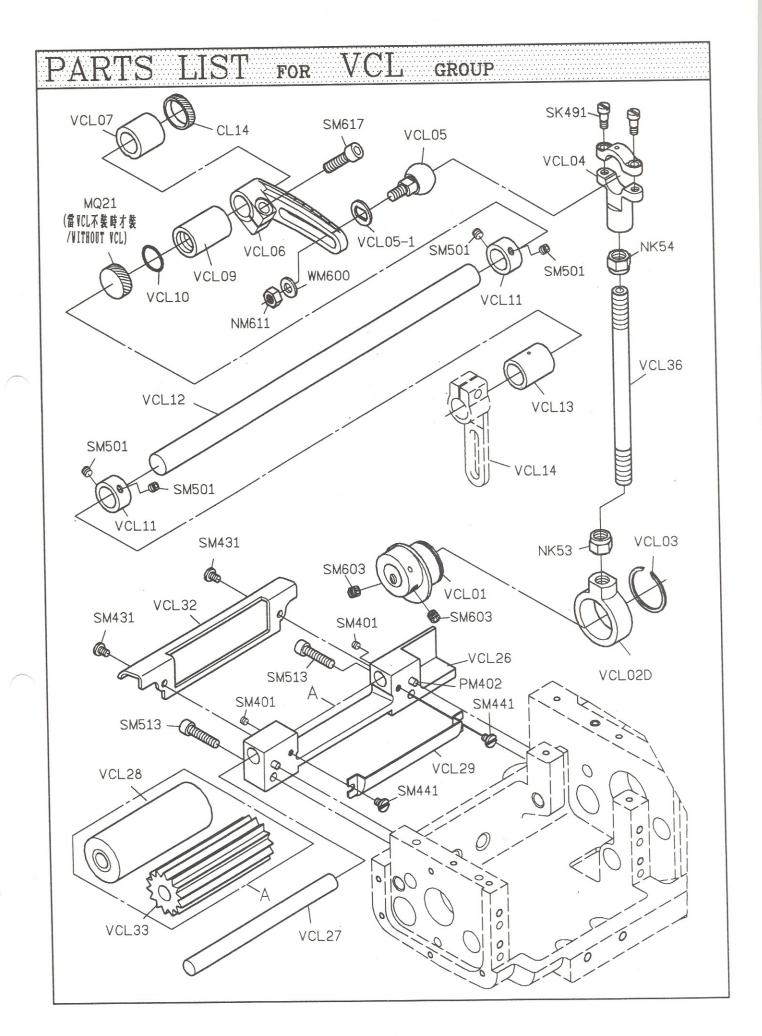
## STANDARD SEWING SAMPLES

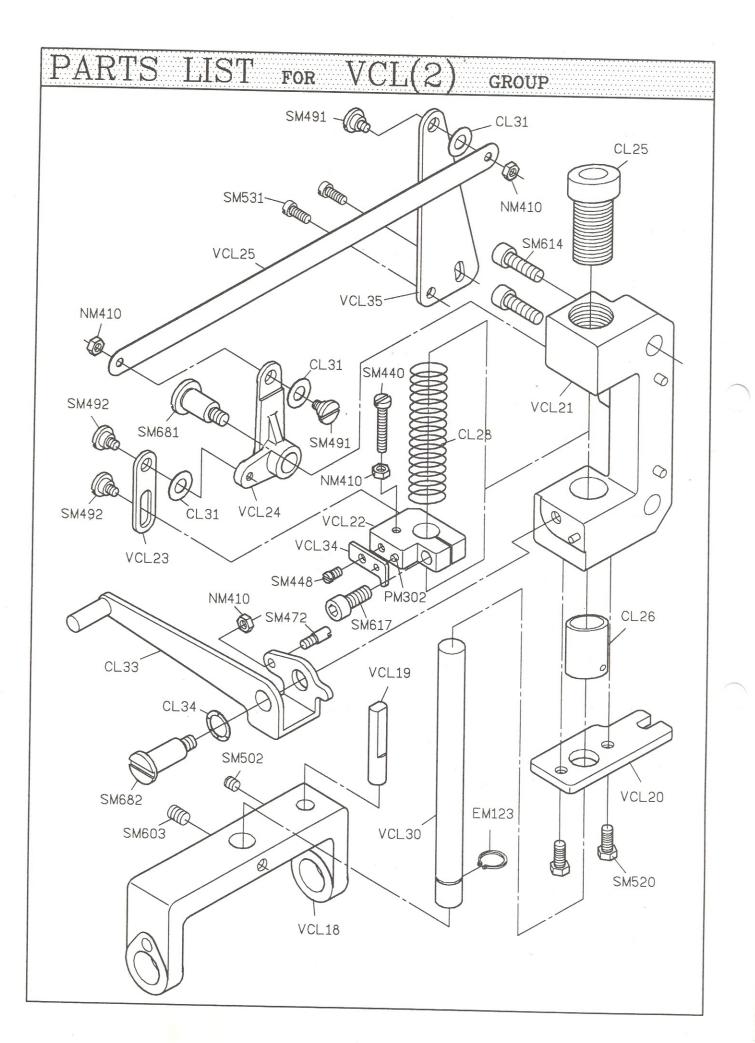


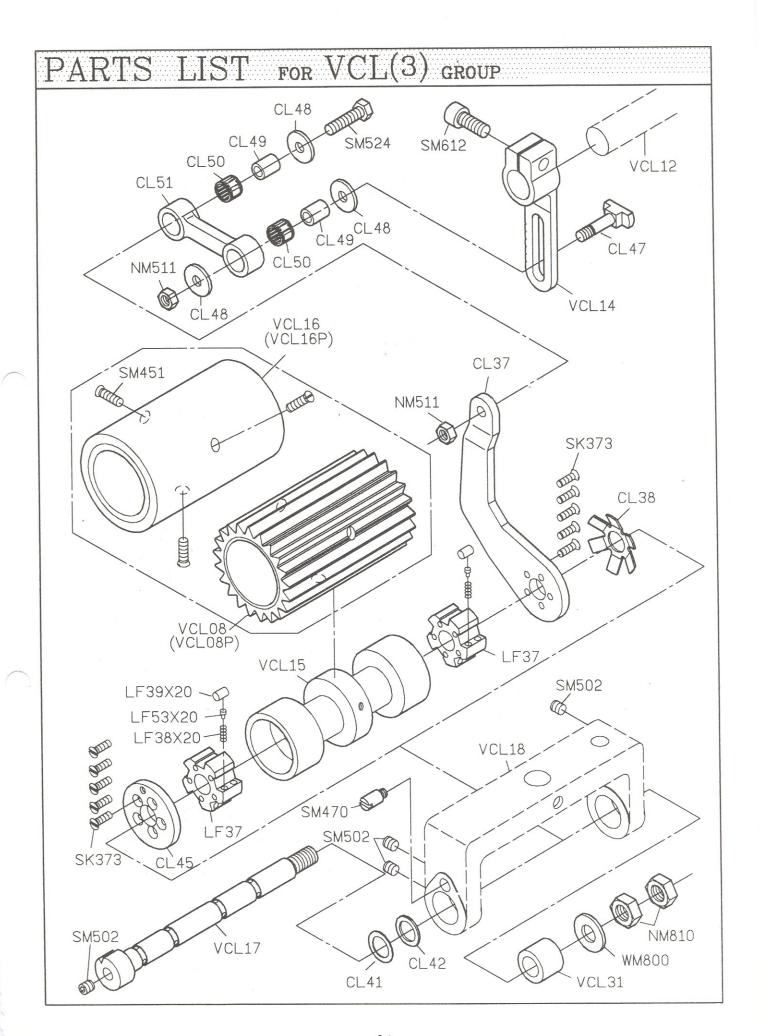


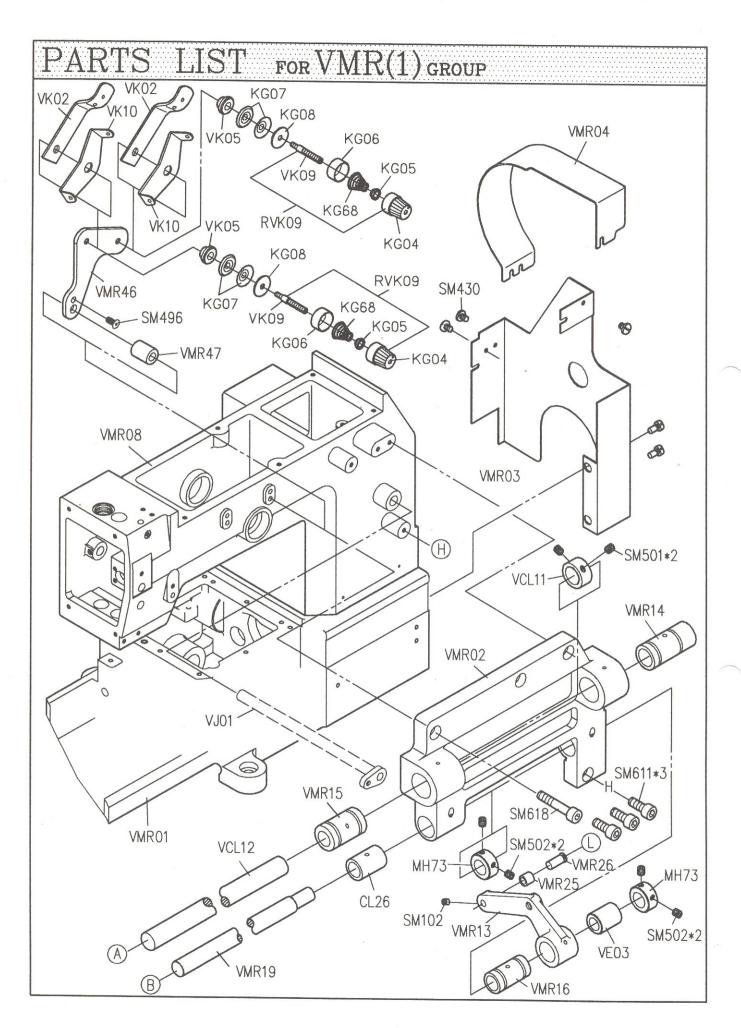
## PARTS LIST FOR VCE GROUP

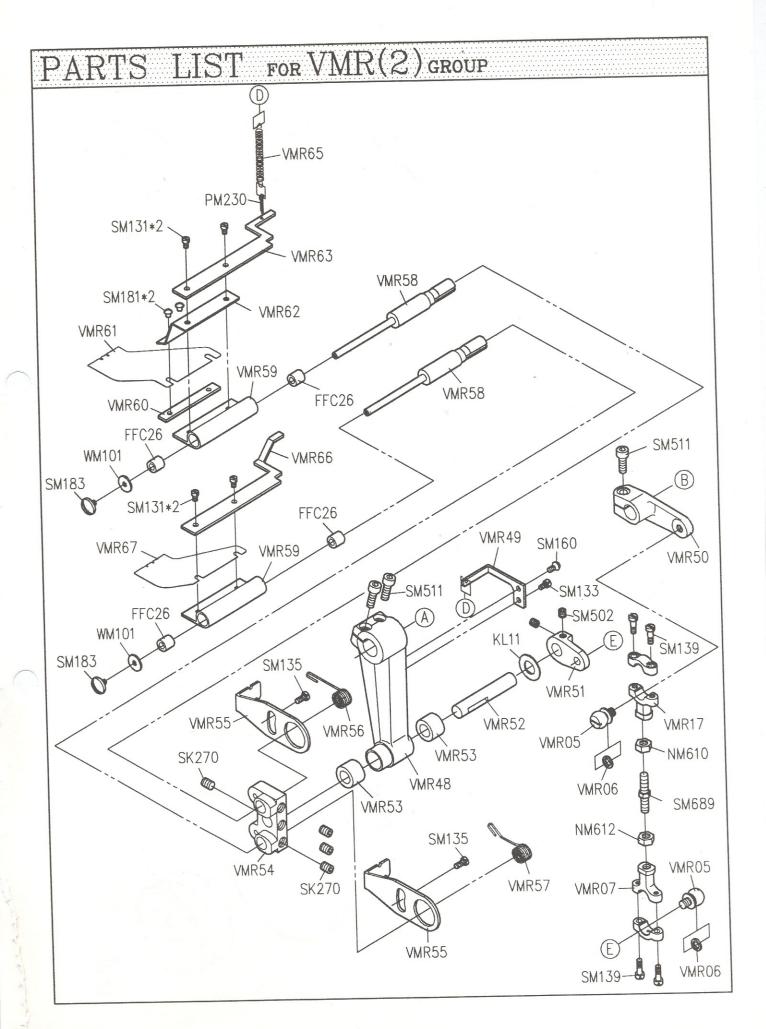


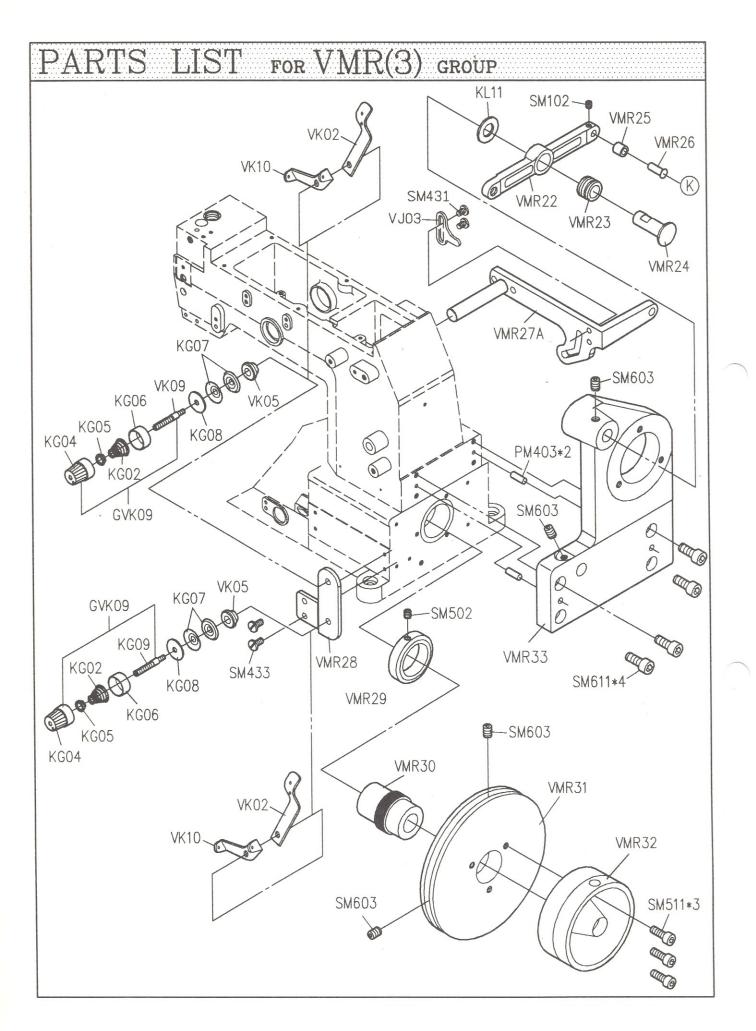


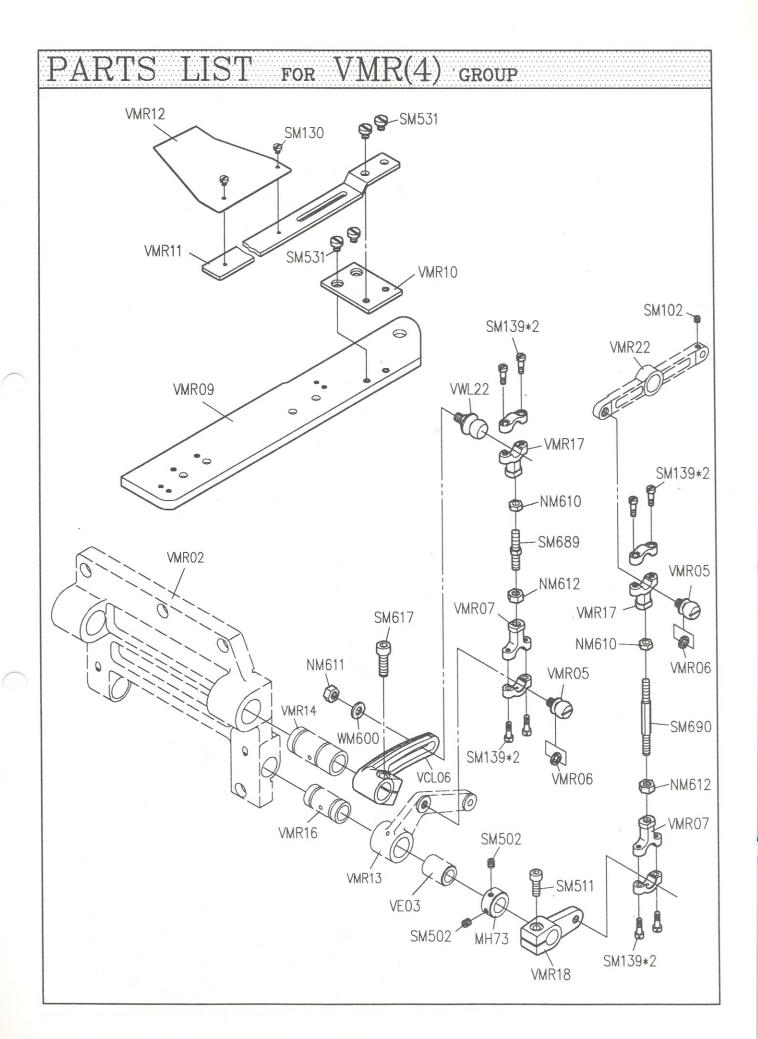


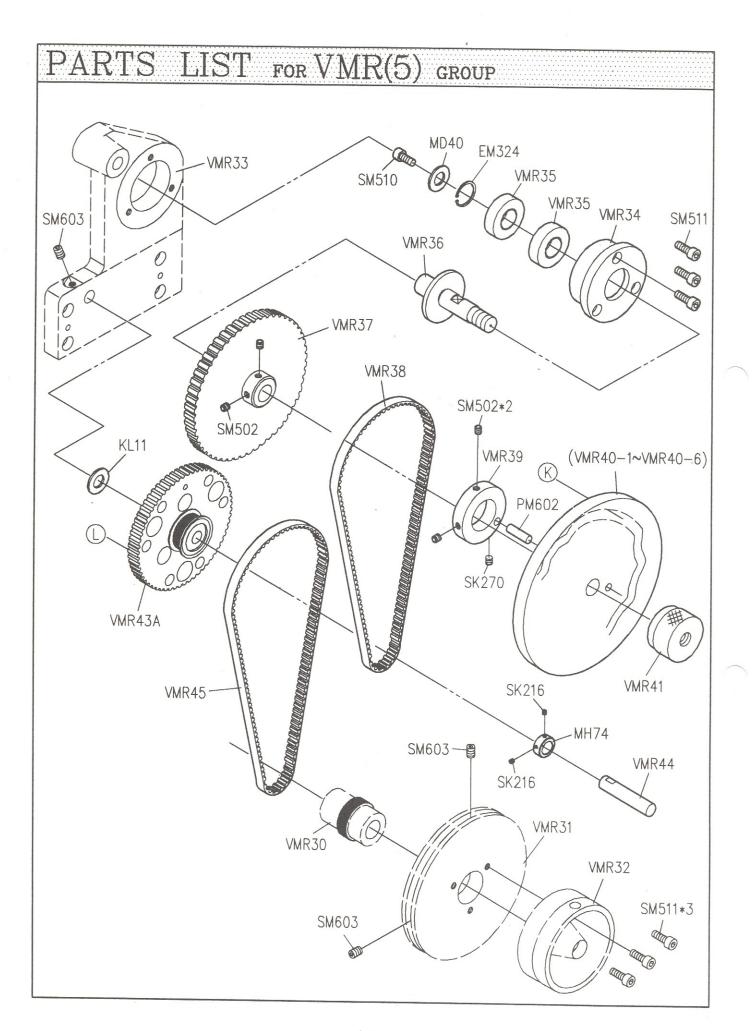


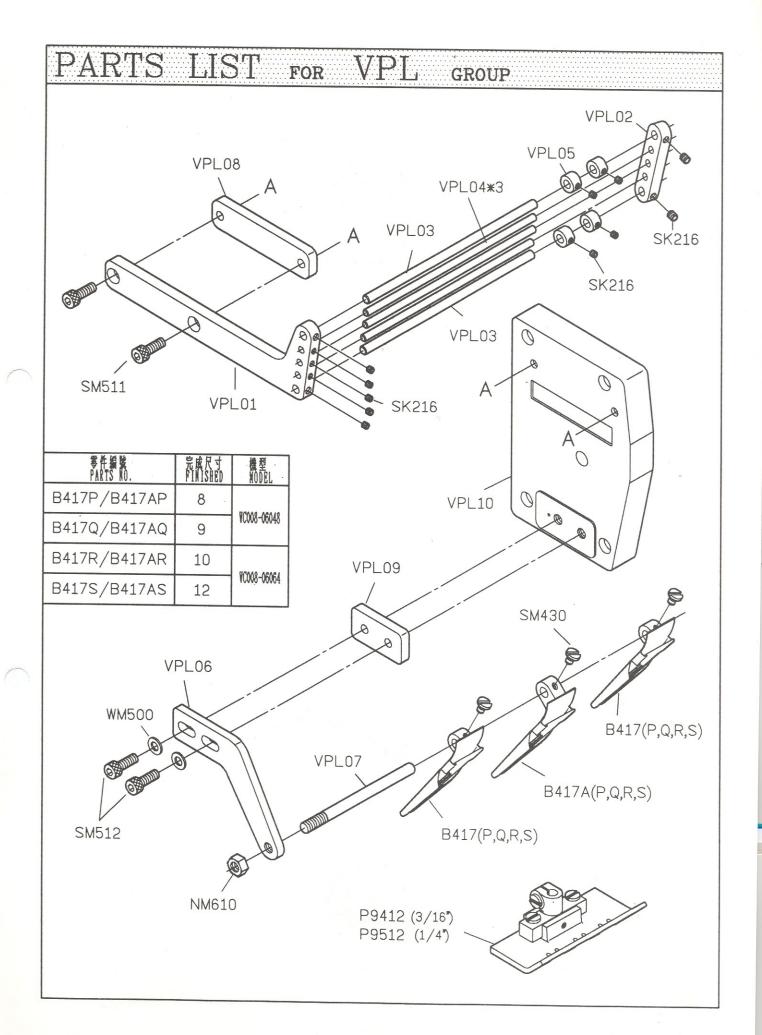




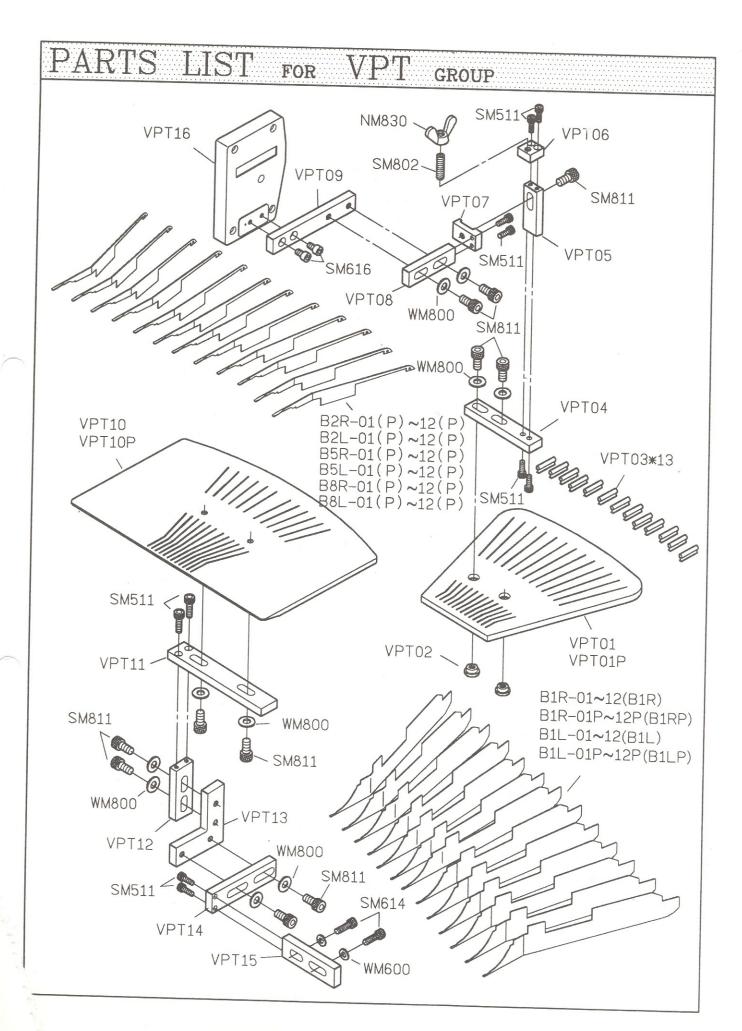


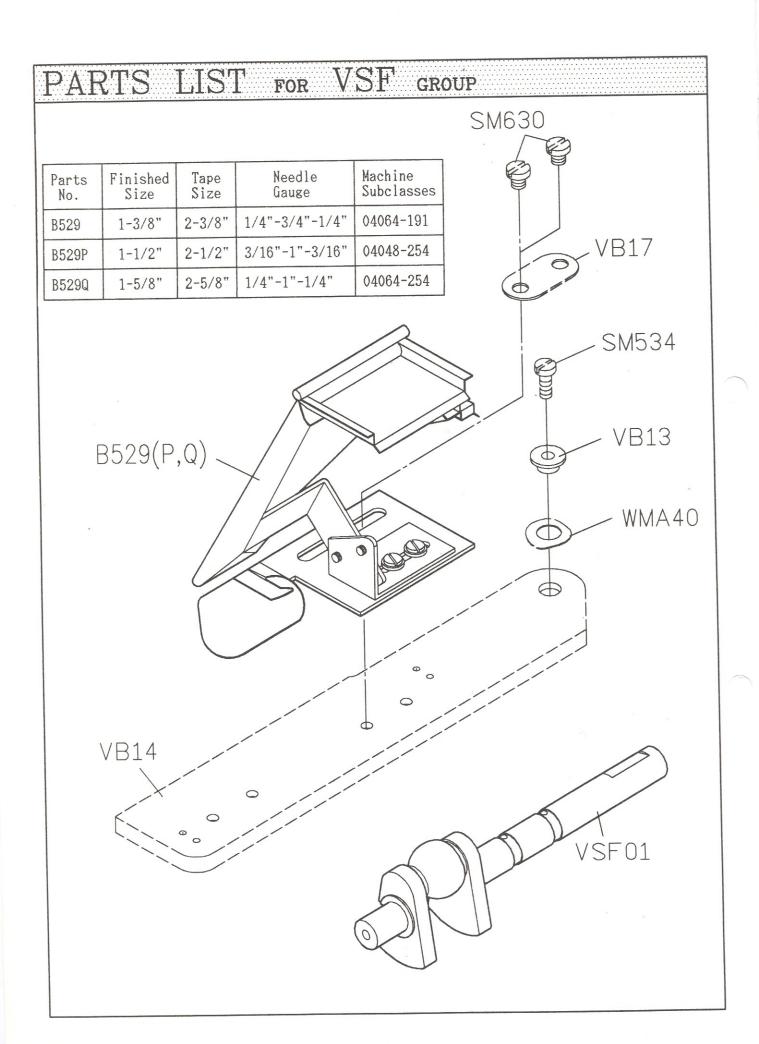


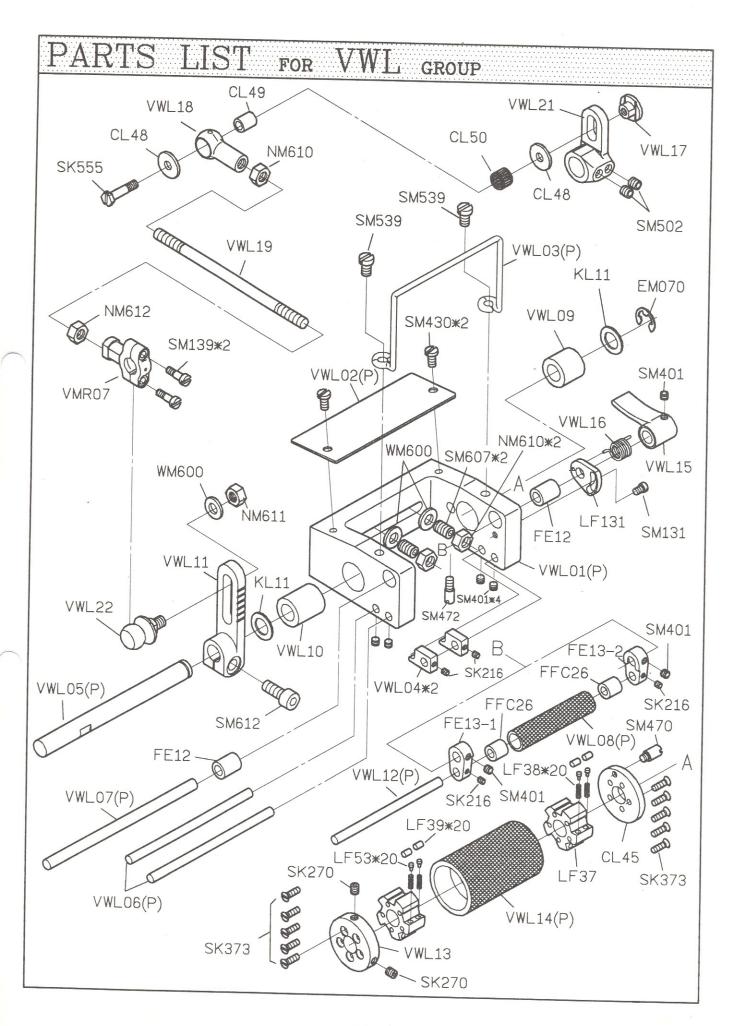




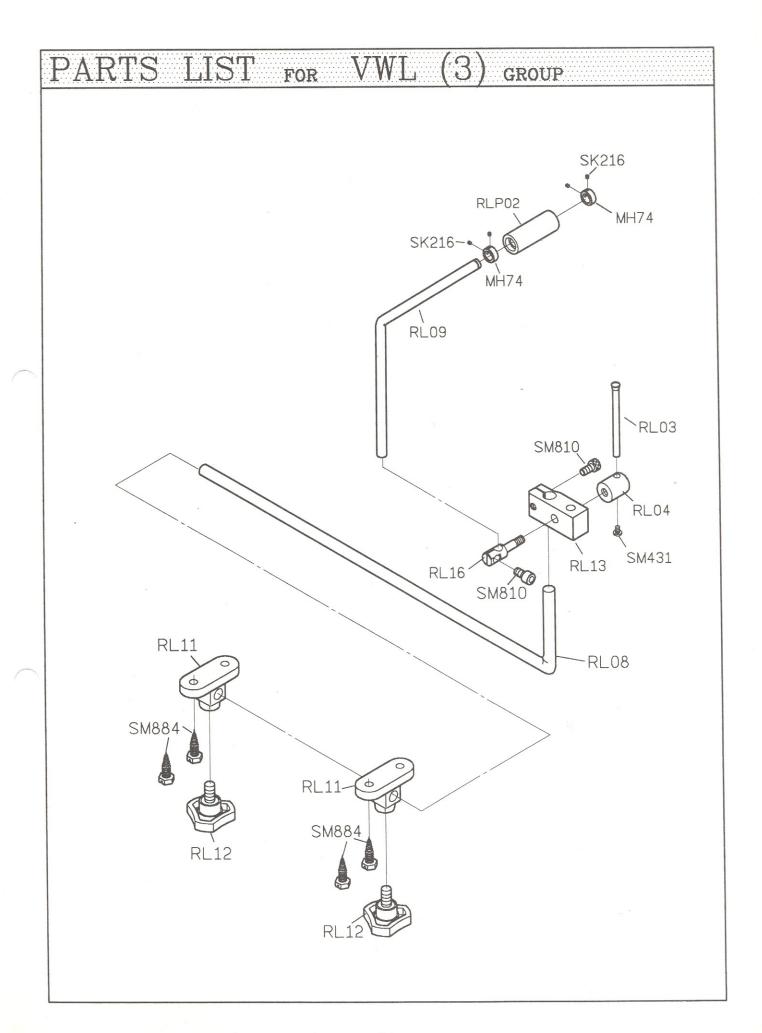
# PARTS LIST VPQ FOR GROUP M9012 M9112 P9212 P9312 P9212-2 SM131\*2~ E9012 E9112 D9012 D9112

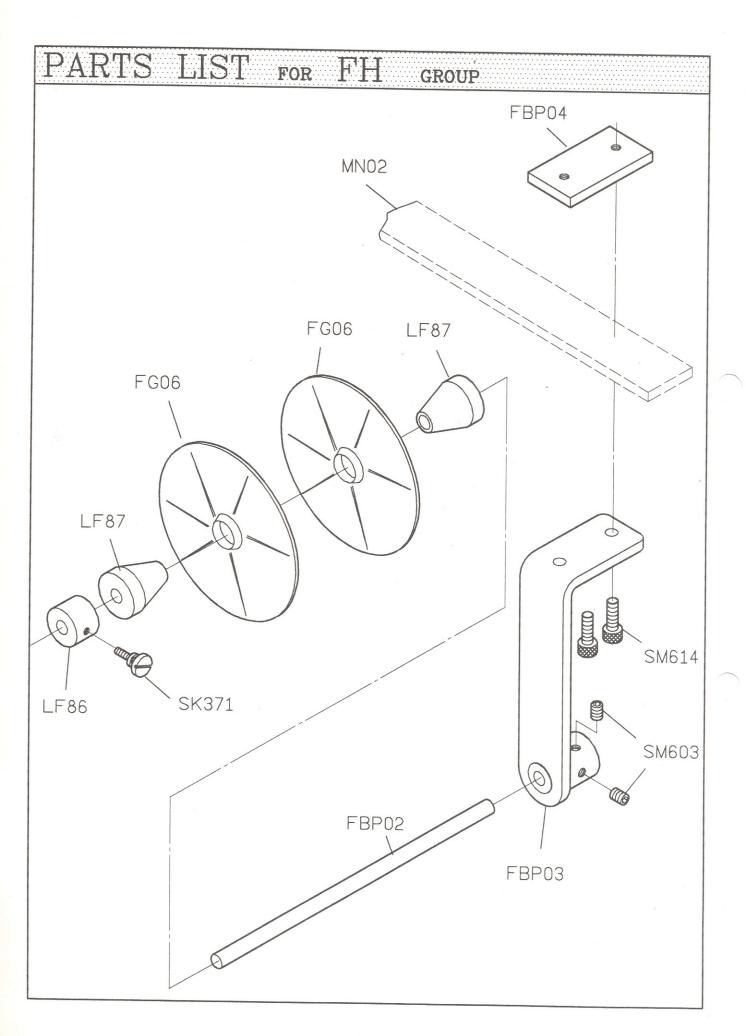


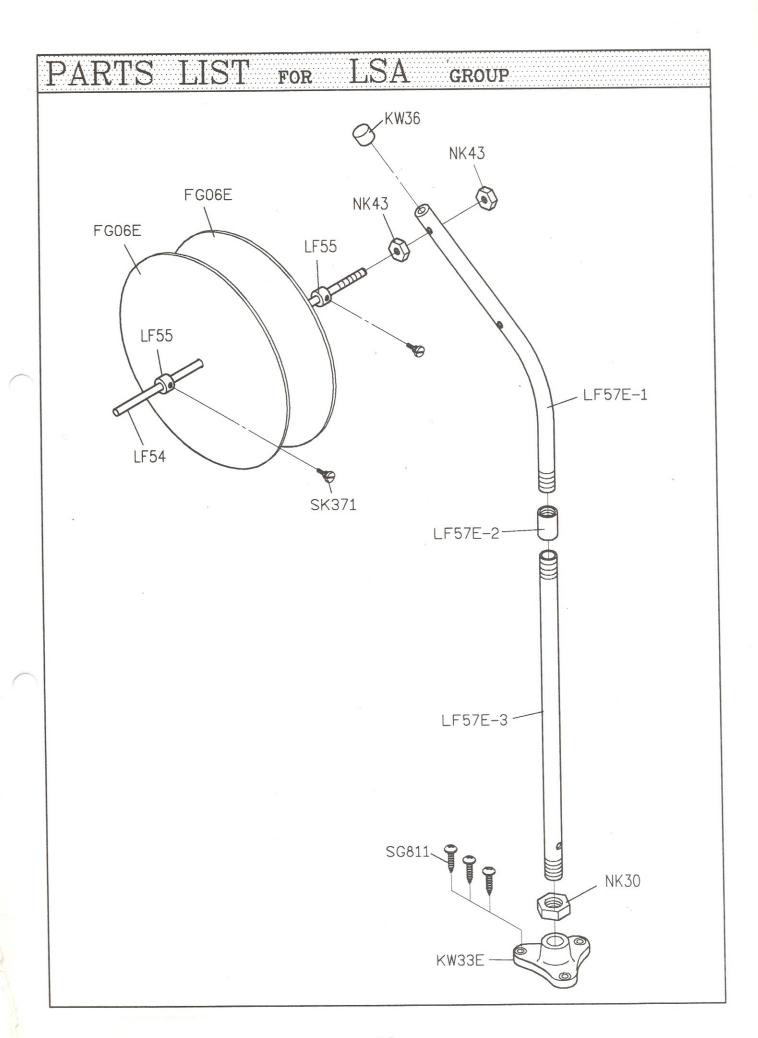


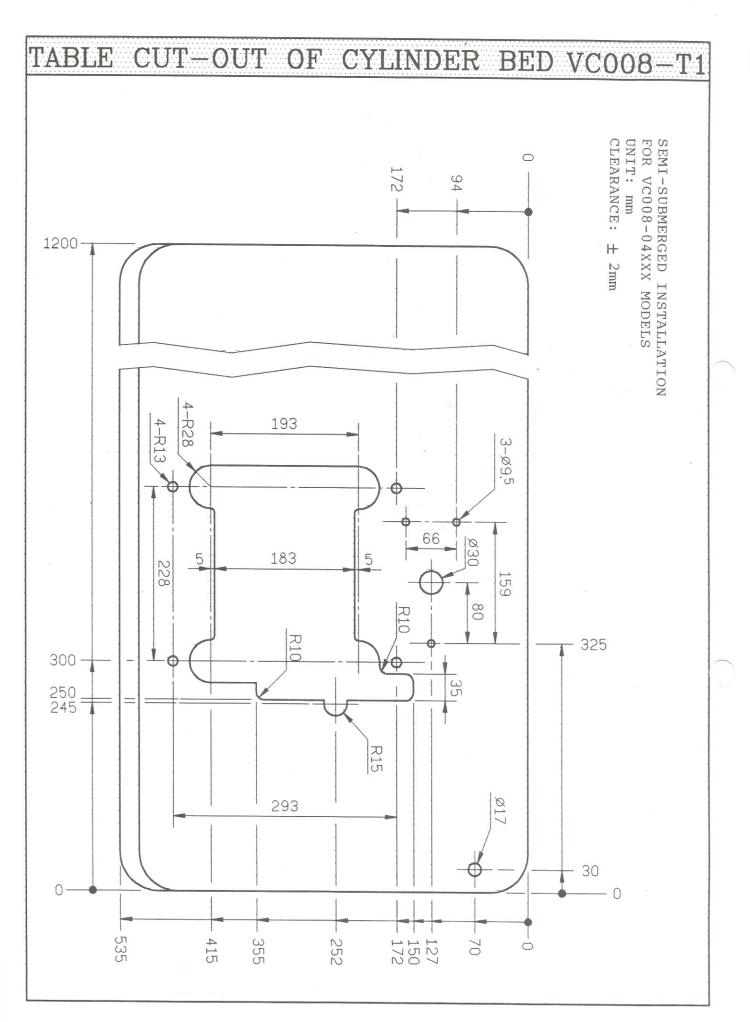


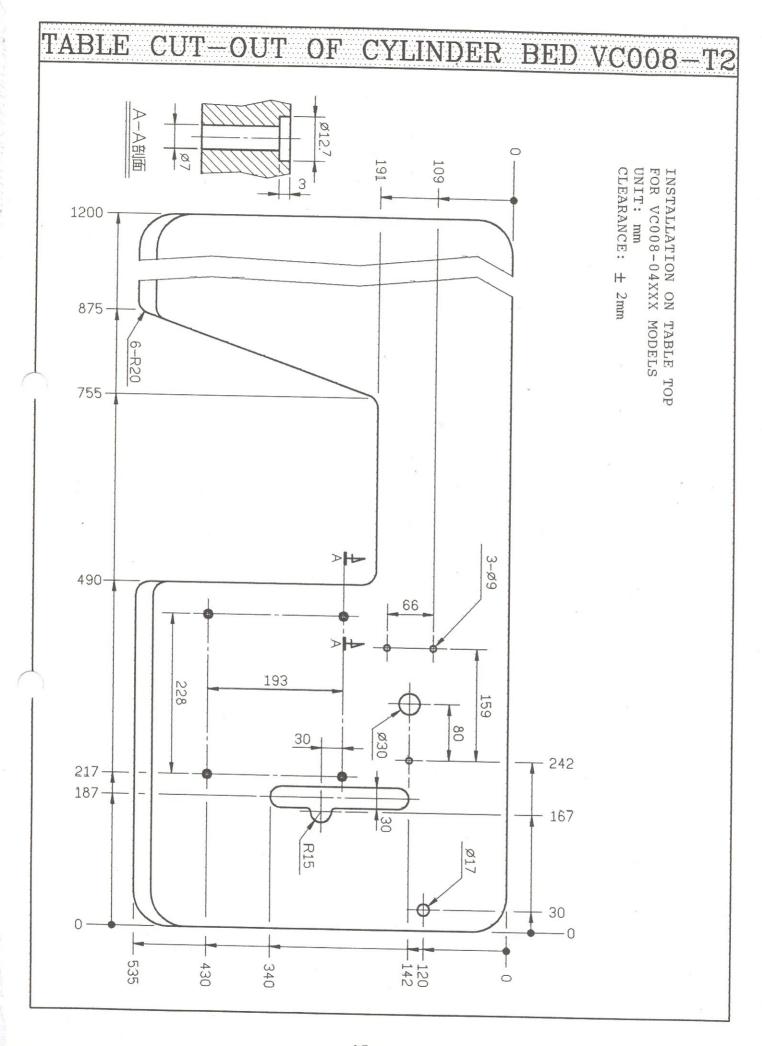
No.   After Binding   Before Binding   Model	No.   After Binding   Before Binding   Model	7.11	RTS LIS	1 FOR V	₩L(Z)	GROUP
8411P 30mm 28mm VC008-095 8411Q 42mm 40mm VC008-127 8411R 25mm 23mm VC008-064 8411S 36mm 34mm VC008-106 8413 Elastic width from 1" to max.1-1/2"  SM534  B4110 (B413)  WMA40	B411P 30 mm 28 mm VC008-095 B411Q 42 mm 40 mm VC008-127 B411S 36 mm 34 mm VC008-106 B411S 36 mm 34 mm VC008-106 B411O (B413)  WMA40  VB14  VB15	Parts No.	Waist Band Width After Binding	Elastic Width Before Binding		SM630
34110 42 mm 40 mm VC008-085 34118 25 mm 23 mm VC008-064 34118 36 mm 34 mm VC008-106 3413 Elastic width from 1" to max.1-1/2"  SM534  B4110 (B413)  WMA40	B411Q 42 mm 40 mm VC008-127 B411R 25 mm 23 mm VC008-064 B411S 36 mm 34 mm VC008-106 B413 Elastic width from 1" to max.1-1/2"  SM534  B4110 (B413)  VB13  VB14  VB16	B411	33mm	31 m m	VC008-095	
3411R 25 m 23 m VC008-064 3411S 36 m 34 m VC008-106 3413 Elastic width from 1" to max.1-1/2"  SM534  84110 (B413)  WMA40	### 125mm 23mm VC008-064 ### 13	B411P	30 m m	28mm	VC008-085	
23mm VC008-064 3411S 36mm 34mm VC008-106 413 Elastic width from 1" to max.1-1/2"  SM534  84110 (B413)  WMA40	VB14  VB14  VB15  VB16  VB15  VB16	3411Q	42mm	40 m m	VC008-127	1/017
Elastic width from 1" to max.1-1/2"  SM534  WMA40	Elastic width from 1" to max.1-1/2"  SM534  WMA40  WB14  VB15	3411R	25mm	23mm	VC008-064	VB1/
Elastic width from 1" to max.1-1/2"  SM534  84110 (B413)  WMA40	Elastic width from 1" to max.1-1/2"  SM534  B4110 (B413)  VB13  VB16	3411S	36mm	34 m m	VC008-106	
WMA40	VB14 VB15 VB16	413	Elastic width from (25mm~38mm)	1" to max.1-1/2		SM534
	VB14 A VB16 VB15	3411	0 (B413)			

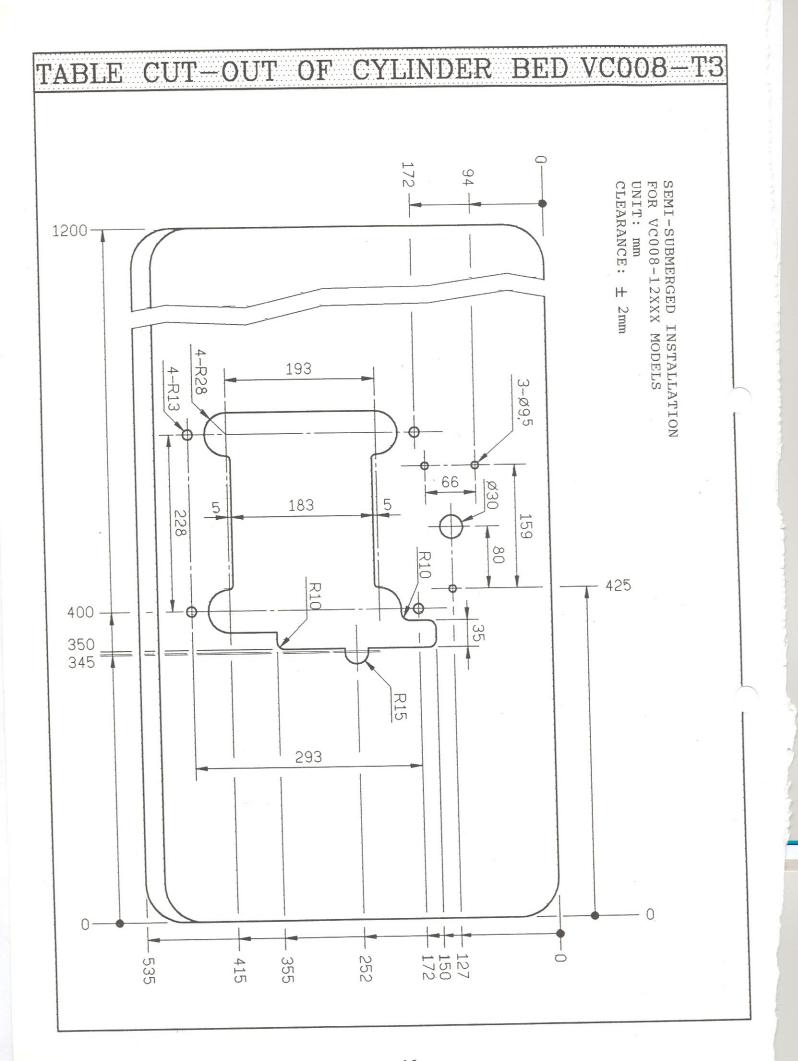


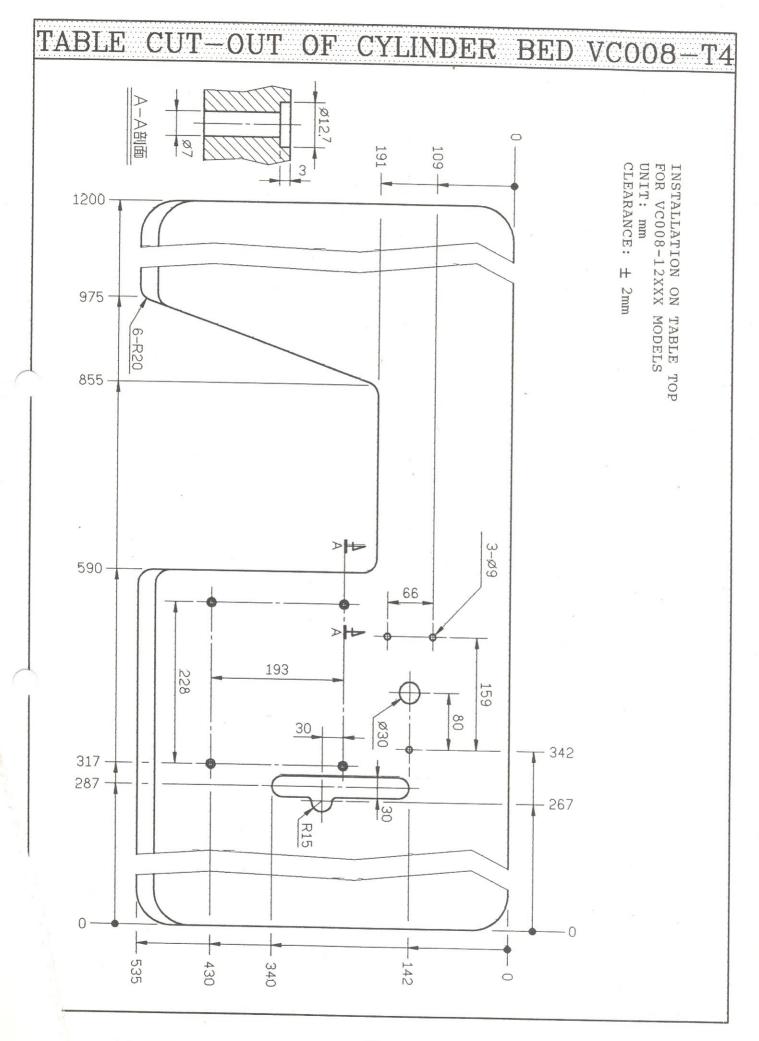












#### TABLE CUT-OUT OF CYLINDER BED VC008-T5 Ō (410)490 172 94 SEMI-SUBMERGED INSTALLATION FOR VC008-04XXX/VWL MODELS UNIT: mm CLEARANCE: 1200 4-R10 + 680 2mm 580 193 4-R13 3-09.5 66 08Ø 5 5 183 228 159 4-R28 80 R10 R10 325 300 -3 250 245 R15 017 293 30 0 535 127 150 172 70 355 252 415 O

## CUT-OUT OF CYLINDER BED VC008-T6 TABLE HN UNIT: mm CLEARANCE: ± 2mm SEMI-SUBMERGED INSTALLATION FOR VC008-12XXX/VWL MODELS 4-R10 3-09.5 1-R13 4-R28 R10 345 R15 20 30 150 172

# SRUBA