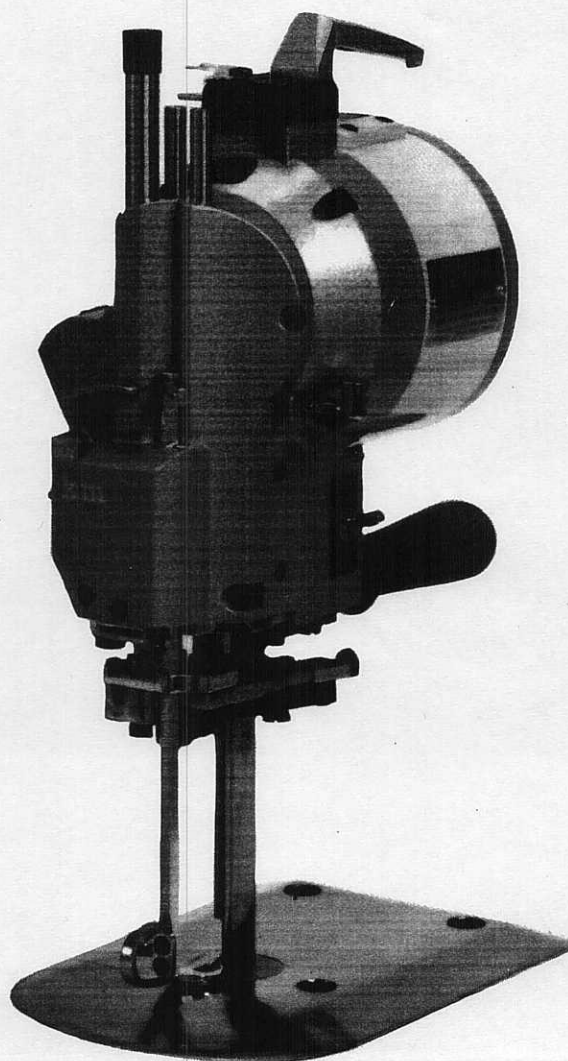


MODEL
KS-EU
INSTRUCTION
BOOK AND
PARTS LIST

KM
CLOTH
CUTTING
MACHINE
CO., LTD.

KS-EU



OPERATION-LUBRICATION-CARE

KS-EU CUTTER

START ON

1. Fill oil cup A, be sure c obstruction.
2. Push in E and turn the m to make sure the oil is sp
3. The sharpener must be starting.

BE CAREFUL

- a. Keep the machine in war
- b. Repeat short on & off run continuously for pr contact surfaces.
- c. Do not use too much c Use KM oil or at least go

LUBRICATION

EVERY 2 HOURS DAILY	ON
1. Fill oil cup A. (no need to oil at connecting rod bearing)	One 1. T 2. T 3. P 4. B

SHARPENER OPERAT

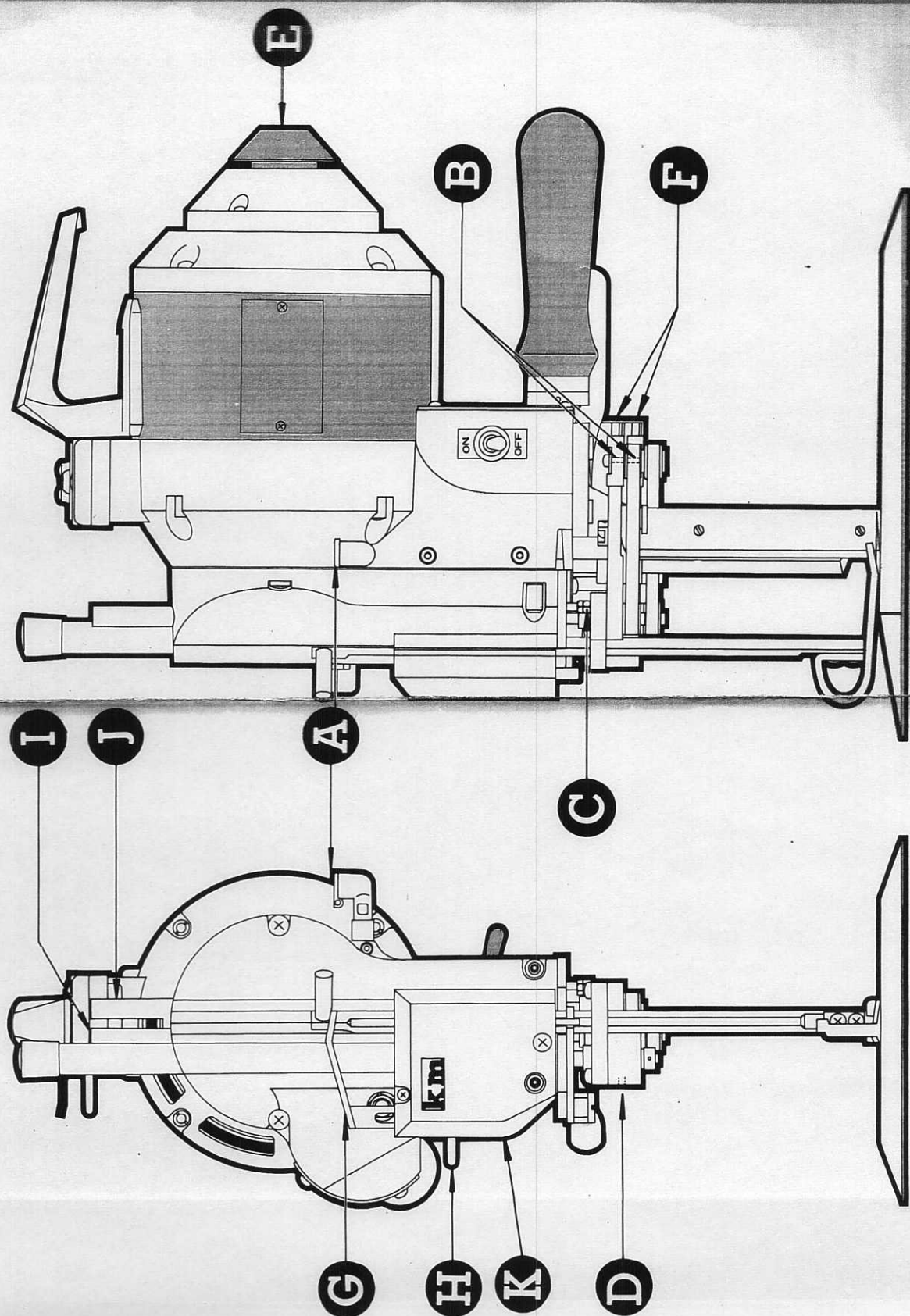
1. Put the machine away fr
2. Drop pressure foot by handle.
3. Press lever G downward f

BE CAREFUL

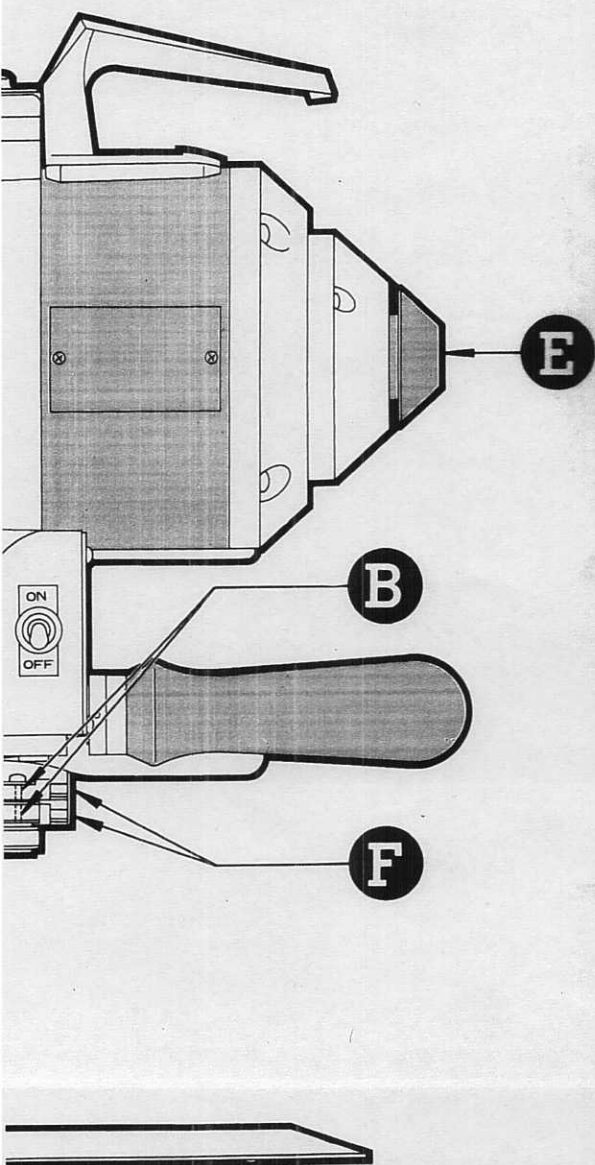
- a. Do not operate sharpener
- b. Do not operate sharpe machine.
- c. Do not shut off motor w
- d. If lever G is locked in F lever H to unlock and sta

CARE

1. Blow lint out of mo something alike twice
2. Lint around screw med must be cleaned once a w
3. Clean the knife slide by s
4. Remove lint from roller accumulation of lint, do remove from plate and w



ON-CARE



START ON

1. Fill oil cup A, be sure oil goes into smooth, if not, remove obstruction.
2. Push in E and turn the machine by hand for a few revolutions to make sure the oil is spread over contact surfaces.
3. The sharpener must be always up in locked position when starting.

BE CAREFUL

- a. Keep the machine in warm place in cold weather.
- b. Repeat short on & off before permitting the machine to run continuously for preventing excessive friction between contact surfaces.
- c. Do not use too much oil. Do not use sewing machine oil. Use KM oil or at least good grade of No. 30 motor oil.

LUBRICATION

EVERY 2 HOURS DAILY	ONCE A WEEK	ONCE A MONTH
1. Fill oil cup A. (no need to oil at connecting rod bearing)	One drop oil to: 1. Tubes- I & J 2. Turn Knob- E 3. Pulley Shaft- C 4. Belt Pulleys- B	Remove D plug and insert KM grease tube. Give a pea- size amount to the opening.

SHARPENER OPERATION

1. Put the machine away from piles of material.
2. Drop pressure foot by lever located next to operating handle.
3. Press lever G downward firm but not too quick.

BE CAREFUL

- a. Do not operate sharpener without knife in machine.
- b. Do not operate sharpener with cutting material laid in machine.
- c. Do not shut off motor while sharpener is in motion.
- d. If lever G is locked in halfway by too quick operation, lift lever H to unlock and start again.

CARE

1. Blow lint out of motor and sharpener by blower or something alike twice a week.
2. Lint around screw mechanism of sharpener inside cover K must be cleaned once a week.
3. Clean the knife slide by slot cleaner once a day.
4. Remove lint from rollers in base plate. To prevent undue accumulation of lint, do not oil plate rollers. If rollers stick, remove from plate and wash in cleaning solvent.

ATTENTION

Oil cup A, be sure oil goes into smooth, if not, remove instruction.
In E and turn the machine by hand for a few revolutions to make sure the oil is spread over contact surfaces.
The sharpener must be always up in locked position when starting.

CAREFUL

Keep the machine in warm place in cold weather.
Repeat short on & off before permitting the machine to run continuously for preventing excessive friction between contact surfaces.
Do not use too much oil. Do not use sewing machine oil. Use KM oil or at least good grade of No. 30 motor oil.

MAINTENANCE

EVERY 2 HOURS DAILY	ONCE A WEEK	ONCE A MONTH
Oil cup A. Need to oil connecting rod (bearing)	One drop oil to: 1. Tubes- I & J 2. Turn Knob- E 3. Pulley Shaft- C 4. Belt Pulleys- B	Remove D plug and insert KM grease tube; Give a pea-size amount to the opening.

SHARPENER OPERATION

Keep the machine away from piles of material.
Apply pressure foot by lever located next to operating handle.
Press lever G downward firm but not too quick.

CAREFUL

Do not operate sharpener without knife in machine.
Do not operate sharpener with cutting material laid in machine.
Do not shut off motor while sharpener is in motion.
If lever G is locked in halfway by too quick operation, lift lever H to unlock and start again.

CLEANING

Remove lint out of motor and sharpener by blower or something alike twice a week.
Clean around screw mechanism of sharpener inside cover K must be cleaned once a week.
Clean the knife slide by slot cleaner once a day.
Remove lint from rollers in base plate. To prevent undue accumulation of lint, do not oil plate rollers. If rollers stick, move from plate and wash in cleaning solvent.

Vor Inbetriebnahme beachten

- Öl in Öleinfüllstutzen A füllen, dabei darauf achten, dass das Öl zügig von der Maschine aufgenommen wird, wenn nicht, liegt eine Verstopfung vor, die beseitigt werden muss.
- Knopf E drücken und manuell einige Umdrehungen vollziehen. Damit wird eine gleichmässige Ölverteilung vorgenommen.
- Die Messerschärfenrichtung muss vor dem Start immer oben stehen.

Achtung!

- Bei kalter Witterung ist die Maschine an einem wärmeren Platz zu lagern.
- Vor einem Dauerbetrieb empfiehlt sich ein mehrmaliges Ein- und Ausschalten des Stoffzuschneiders. Damit wird eine übermässige Reibung der beweglichen Teile vermieden.
- Verwenden Sie KM-Öl oder zumindest SAE 30 Motor Öl.

Schmierung

alle 2 Std. tägl.	1 x pro Woche	1 x im Monat
Öl in Öleinfüllstutzen A füllen. (Kurbelwellenlager brauchen nicht geschmiert zu werden)	je ein Tropfen in: 1. Rührchen I + J 2. Knopf E 3. Riemenscheibenwelle C 4. Riemenscheiben B	Stöpsel D entfernen und KM-Schmierfett einpressen. Die Scharniere nicht vergessen!

Messerschärfen

- Maschine muss frei stehen. (zu schneidendes Material wegnehmen)
- Drückerfuss herunterlassen durch Bedienung des Hebels nahe Handgriff.
- Hebel G fest aber nicht zu schnell herunterdrücken.

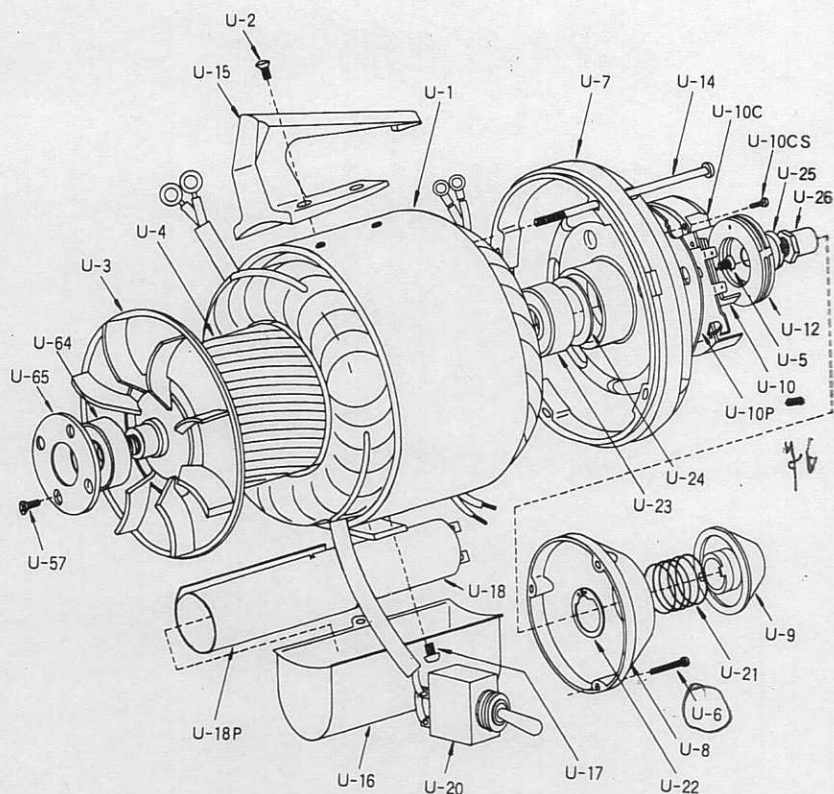
Achtung!

- Niemals Messerschärfer ohne Messer in der Maschine benutzen!
- Niemals Messerschärfer mit Material in der Maschine in Betrieb nehmen!
- Nicht den Motor während des Messerschärfens abstellen!
- Sollte Hebel G durch zu hastiges Betätigen in halber Stellung blockiert sein, Hebel H leicht anheben und neu starten.

Wartung

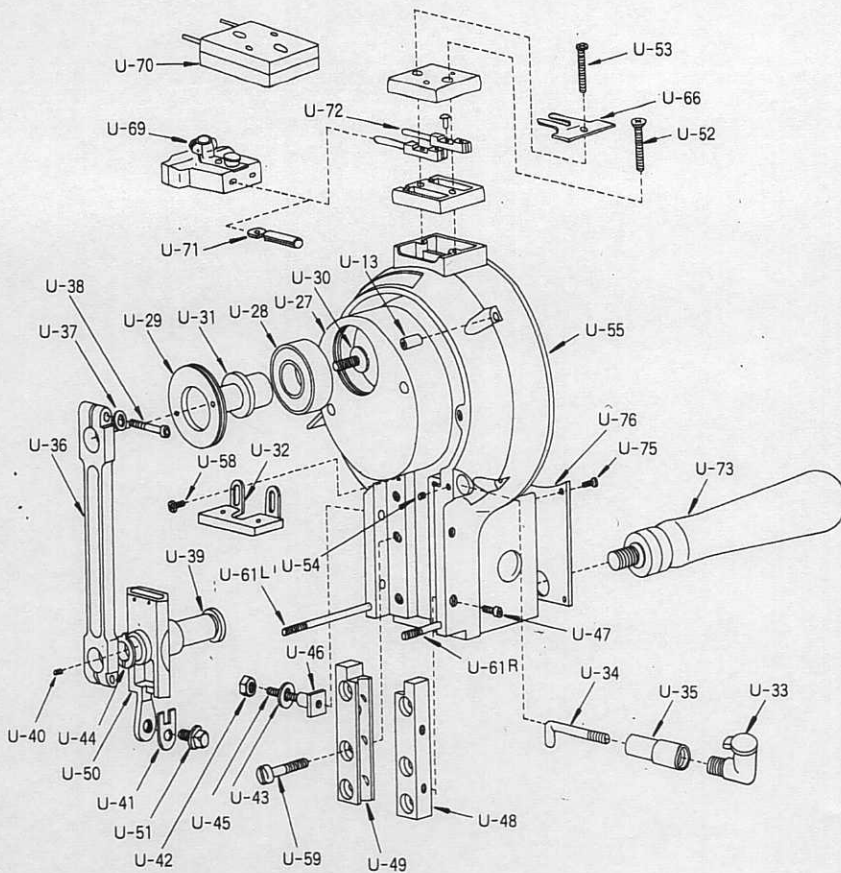
- Blasen Sie Staub und Fremdkörper wenigstens 2 x pro Woche aus dem Messerschärfer und Motor mittels Gebläse.
- Fusseln innerhalb des Schärfmechanismus hinter Abdeckung K sollten wenigstens 1 x wöchentlich entfernt werden.
- Reinigen Sie täglich nach Gebrauch die Messerführung mit einem Tuch o.ä.
- Entfernen Sie Fusseln oder Staub von den Rollen in der Grundplatte. Um eine Überölung zu verhindern, nicht die Grundplatten-Rollen ölen! Sind die Rollen blockiert, sind sie von der Grundplatte zu entfernen und in Lösungsmittel zu waschen.

MOTOR & HOUSING MECHANISM



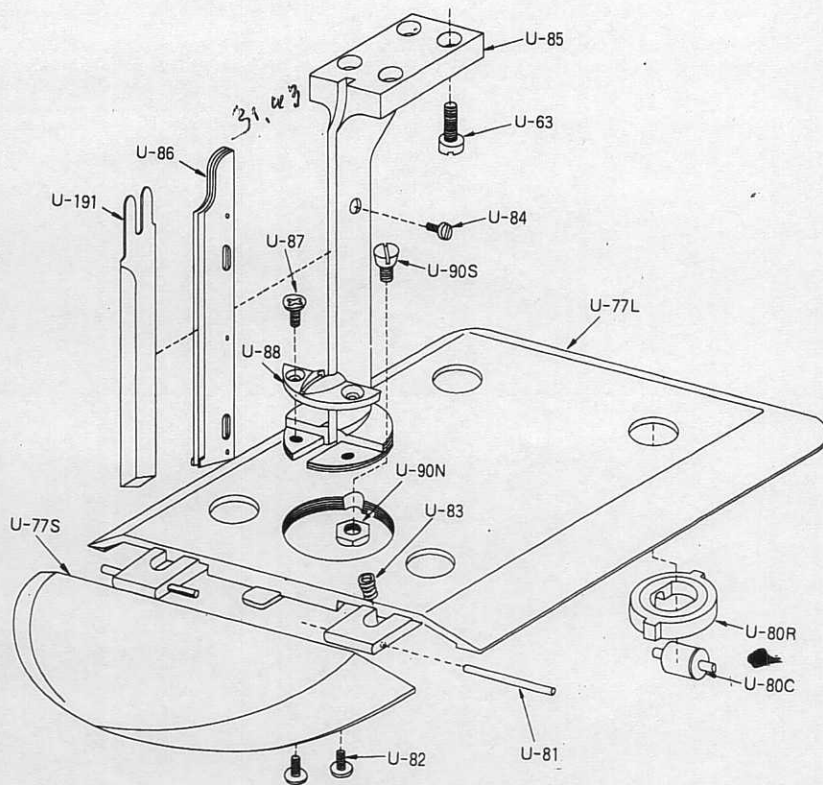
U-1	Capacitor-Stator	モーター
U-2	Carrying Handle Screws	大取手
U-3	Rotor Fan	ローター
U-4	Rotor with Shaft	ローター
U-5	Cut-Out Switch to Bearing Screw	コンタ
U-6	Dust Cap Screw	ガバナ
U-7	Rear Bearing Housing	後カバ
U-8	Dust Cap	ガバナ
U-9	Turning Knob	ブーリ
U-10	Cut-Out Switch	コンタ
U-10P	Insulated Plate	絶縁板
U-10C	Insulated Cover	絶縁カ
U-10CS	Set Screw for Insulated Cover	絶縁カ
U-12	Automatic Cut-Out	ガバナ
U-14	Front to Rear Bearing Screw	モーター
U-15	Carrying Handle	大取手
U-16	Capacitor Cover	コンデン
U-17	Screw for Capacitor Cover	コンデン
U-18	Capacitor	コンデン
U-18P	Paper	絶縁紙
U-20	Switch	スイッチ
U-21	Clutch Spring	ブーリ
U-22	Retaining Ring	ブーリ
U-23	Rear Ball Bearing	後カバ
U-24	Rear Ball Bearing Spring Washer	後カバ
U-25	Clutch Nut	ガバナ
U-26	Shaft Lock Nut	シャフ
U-57	Front Ball Bearing Retainer Screw	前カバ
U-64	Front Ball Bearing	前カバ
U-65	Front Ball Bearing Retainer	前カバ

FRONT COVER MECHANISM



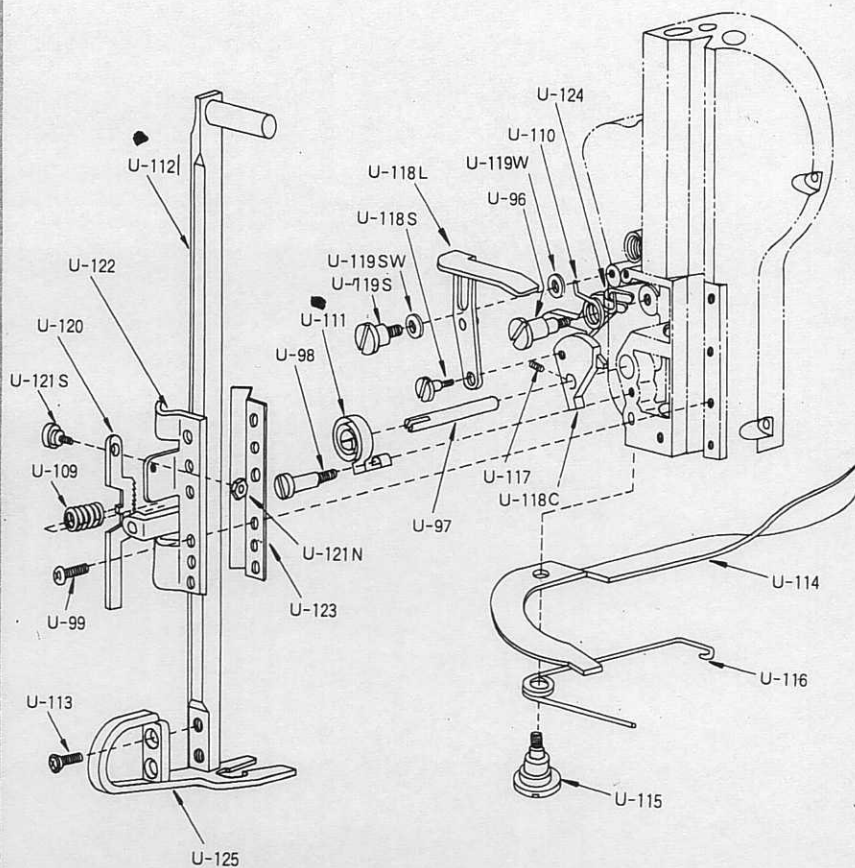
U-13	Front to Rear Bearing Nut	ナ
U-27	Crank	クランク
U-28	Crank Ball Bearing	ボールベアリング
U-29	Crank Ball Bearing Lock Nut	ナット
U-30	Screw for Brg Shaft	ネジ
U-31	Shaft for Ball Bearing	シャフト
U-32	Oil Pad Holder	油パッドホルダー
U-33	Oil Cup	オイルカップ
U-34	Oil Tube for Wrist Pin(Copper)	銅のウristピン用オイルチューブ
U-35	Oil Tube for Wrist Pin	ウristピン用オイルチューブ
U-36	Connecting Rod	コネクティングロッド
U-37	Shakeproof Washer	振動防止ワッシャー
U-38	Connecting Rod Clamp Screw	コネクティングロッドクランプネジ
U-39	Wrist Pin	ウristピン
U-40	Wrist Pin Plug	ウristピンプラグ
U-41	Knife Lock Washer	ナイフロックワッシャー
U-42	Nuts for Guide Screw	ガイドネジ用ナット
U-43	Guide Washer	ガイドワッシャー
U-44	Connecting Rod Washer	コネクティングロッドワッシャー
U-45	Guide Adjusting Screw	ガイド調整ネジ
U-46	Guide Adjusting Nut	ガイド調整ナット
U-47	Guide Lock Screw	ガイドロックネジ
U-48	R.H. Guide	右ガイド
U-49	L.H. Guide	左ガイド
U-50	Cross Head	クロスヘッド
U-51	Knife Lock Bolt	ナイフロックボルト
U-52	Terminal Block Screw	ターミナルブロックネジ
U-53	Ground Clip Screw	グラウンドクリップネジ
U-54	Set Screw	セットネジ
U-55	Front Bearing Housing	前ベアリングハウジング
U-58	Oil Pad Holder Screw	油パッドホルダーネジ
U-59	Guide Hold Down Screw	ガイド固定ネジ
U-61L	Stud Lower L.H. Mounting(L)	面
U-61R	Stud Lower L.H. Mounting(R)	面
U-66	Ground Clip	グラウンドクリップ
U-69	Attachment Plug(Complete)	差
U-70	Terminal Block(Complete)	タ
U-71	Terminal Sleeve	差
U-72	Terminal Contact with Pin.	タ
U-73	Operating Handle	ト
U-75	Switch Cover Screw	前
U-76	Switch Cover	前

STANDARD & BASE PLATES



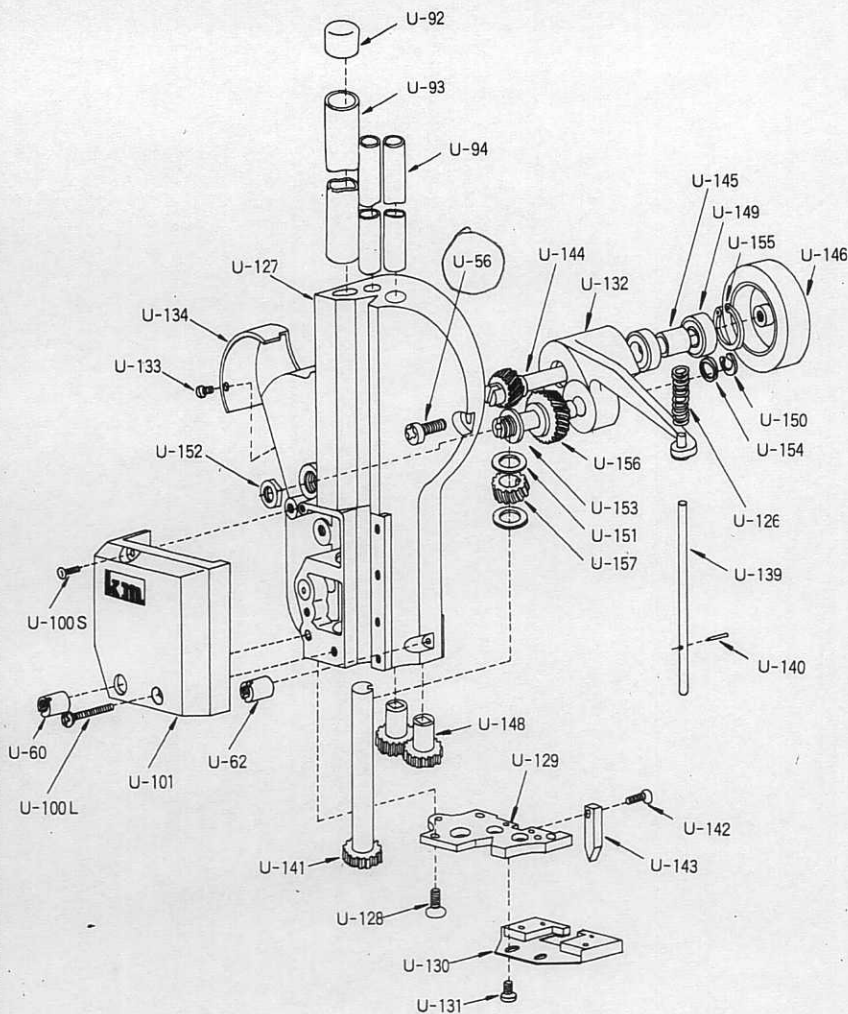
U-63	Standard-to-Bearing Screw	✓
U-77S	Plate Wing	✓
U-77L	Plate	✓
U-80C	Roller	✓
U-80R	Rubber	✓
U-81	Hinge Pin Short	✓
U-82	Hinge Pin Clamp Screw	✓
U-83	Plate Wing Tension Spring	✓
U-84	Knife Slide Screw	✓
U-85	Standard	✓
U-86	Knife Slide	✓
U-87	Screw for Throat Plate	✓
U-88	Throat Plate	✓
U-90S	Plate Screw	✓
U-90N	Plate Nut	✓
U-191	Knife	✓

SHARPENER HOUSING MECHANISM



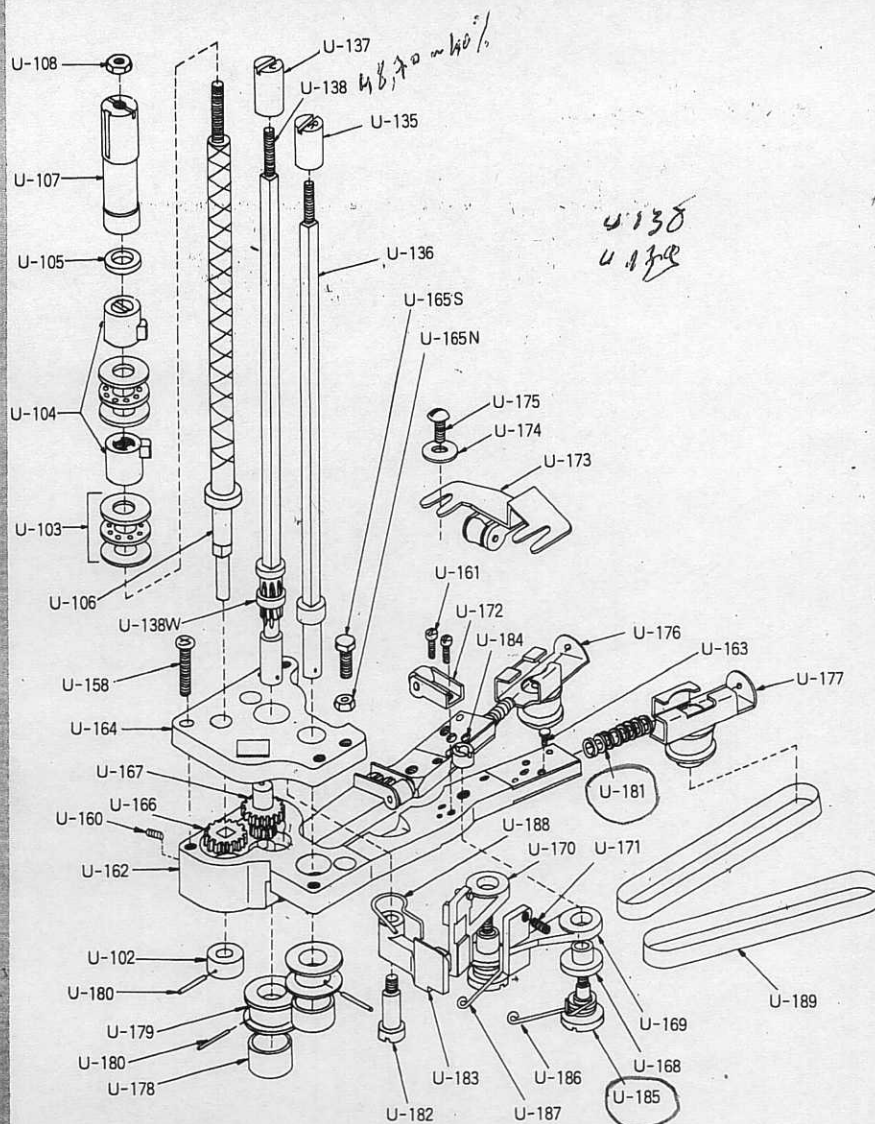
U-96	Screw for Latch	ホル
U-97	Shaft for Cam	カム
U-98	Cam Shaft Spring Screw	カム
U-99	Pres Foot Lock Bracket Screw	押え
U-109	Spring for Pressure Foot Lock	押え
U-110	Spring for Latch	ホル
U-111	Cam Spring	カム
U-112	Pressure Foot Rod	押え
U-113	Screw for Pressure Foot Shoe	生地
U-114	Pressure Foot Lever	ブレ
U-115	Pressure Foot Lever Screw	ブレ
U-116	Spring for Pressure Foot Lever	ブレ
U-117	Set Screw for Cam	カム
U-118C	Cam	カ
U-118L	Release Lever	レバ
U-118S	Screw for Cam	カム
U-119S	Lock Screw for Release Lever	研磨
U-119SW	Spring Washer	研磨
U-119W	Washer	研磨
U-120	Lock(only)Pressure Foot	押え
U-121S	Screw for Pres Ft Lock	押え
U-121N	Nut for Pres Ft Lock	押え
U-122	Pressure Foot Lock Bracket	押え
U-123	Slide for Pressure Foot Rod	押え
U-124	Latch for Cam	ホル
U-125	Pressure Foot Shoe	生地

SHARPENER HOUSING MECHANISM



U-56	Sharpener Hold Down Screw	面
U-60	Lower L.H.Sharpener	面
	Hold down Nut	
U-62	Stud, Guide Rod Bracket	面
U-92	Cap for Tube	パ
U-93	Driving Shaft	上
U-94	Right and Left Hand Follower	角
U-100S	Screw for Cover(S)	ネ
U-100L	Screw for Cover(L)	ネ
U-101	Cover Over Cam	ネ
U-126	Spring for Bell Crank	停
U-127	Sharpener Housing	面
U-128	Bottom Plate Screw	面
U-129	Bottom Plate	面
U-130	Oil Pad & Holder	油
U-131	Screw for Oil Pad	油
U-132	Bell Crank With Pin & Bushing	ブ
U-133	Screw for Cover	ブ
U-134	Cover for Driver	ブ
U-139	Push Rod	停
U-140	Roll Pin for Push Rod	ロ
U-141	Driver Shaft With Gear	4 号
U-142	Screw for Spreader Pin	停
U-143	Spreader Pin	停
U-144	Gear & Shaft	1 号
U-145	Bearing for Gear	1 号
U-146	Rubber Driver & Driver Pulley	ウ
U-148	Spur Gear	5 号
U-149	Ball Bearing for Crank	ブ
U-150	Retaining Ring	ク
U-151	Thrust Washer for Spiral Gear	3 号
U-152	Lock Nut for Crank Shaft	2 号
U-153	Shaft for Crank	2 号
U-154	Washer for Crank Shaft	2 号
U-155	Lock Nut for Ball Bearing	ブ
U-156	Idler Gear with Bushing	2 号
U-157	L.H.Spiral Gear with Key	3 号

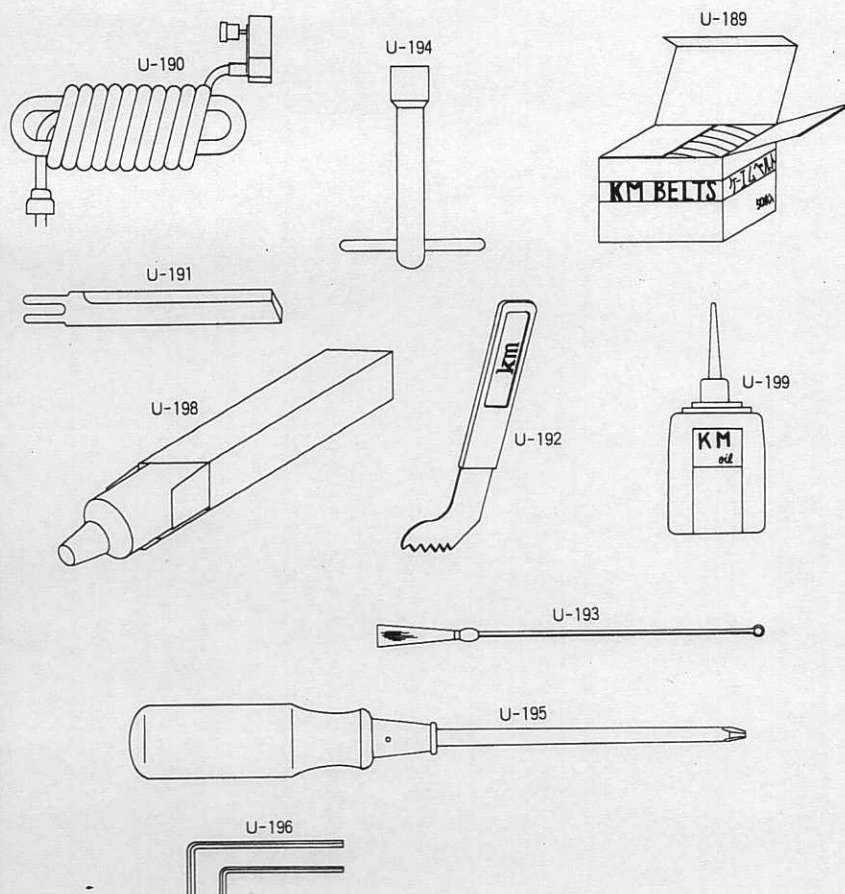
LOWER GEAR BRACKET MECHANISM



U-102	Collar for Lower Screw Shaft	上下動シャフトカラー
U-103	Thrust Ball Bearing	スラストベアリング
U-104	Nut for Screw Shaft L.H. & R.H.	上下動ガイド(左・右)
U-105	Washer for Screw Shaft L.H.	上下動ガイドワッシャー
U-106	Screw Shaft With Extension	上下動シャフト
U-107	Spacer Tube	上下動調節ナット

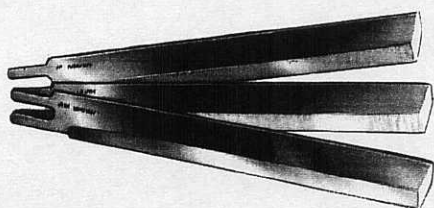
U-108	Stop Nut for Screw Shaft	上下
U-135	Right Hand Follower Nut	角シ
U-136	R.H. Square Shaft	角シ
U-137	Left Hand Follower Nut	角シ
U-138	L.H. Square Shaft	角シ
U-138W	L.H. Square Shaft Washer	角シ
U-158	Screw for Gear Cover	研磨
U-160	Grease Plug	気密
U-161	Screw for Stabilizer	スタ
U-162	Lower Gear Bracket	ベル
U-163	Screw for Slide Pulley	後部
U-164	Lower Gear Bracket Gear Cover	研磨
U-165N	Adjusting Nut	ベル
U-165S	Adjusting Screw	ベル
U-166	Gear on Screw Shaft	9号
U-167	Intermediate Gear	8号
U-168	Bushing for shoe	ベル
U-169	R.H. Shoe	ベル
U-170	L.H. Shoe	ベル
U-171	Set Screw for Sharpener Shoe	ベル
U-172	Stabilizer	スタ
U-173	Guide Back of Standard	スタ
U-174	Washer for Guide Back	スタ
U-175	Screw for Guide Back	スタ
U-176	L.H. Slide with Pulley	後部
U-177	R.H. Slide with Pulley	後部
U-178	Neoprene Band	ベル
U-179	Front Pulley for Belts	ベル
U-180	Roll Pin for Pulley	ロー
U-181	Spring for Pulley Slide	後部
U-182	Screw for Clamping Arm	押え
U-183	Clamping Arm for Shoe	ベル
U-184	Nut for Sharpener Shoe Screw	ベル
U-185	Screw for Sharpener Shoe	ベル
U-186	R.H. Sharpener Shoe Spring	ベル
U-187	L.H. Sharpener Shoe Spring	ベル
U-188	Spring for Arm	押え
U-189	Abrasive Belts	研磨

ACCESSORY



U-189	Abrasive Belts	研炭
U-190	Electric Corde Complete	コー
U-191	Knife	ナイ
U-192	Slot Cleaner	クリ
U-193	Sharpener Cleaning Brush	ブリ
U-194	Knife Bolt Wrench	ボッ
U-195	Screw Driver	ドリ
U-196	Wrench for Shoe Set Screw	六角
U-198	Bearing Grease	グリス
U-199	Oiler	オイ

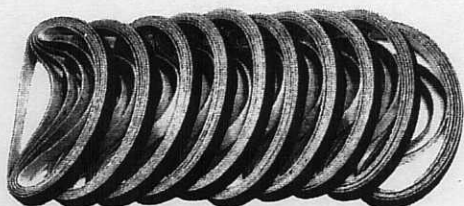
◇KM KNIVES (SIZE 5")



●HIGH SPEED STEEL
(ハイスピード鋼)

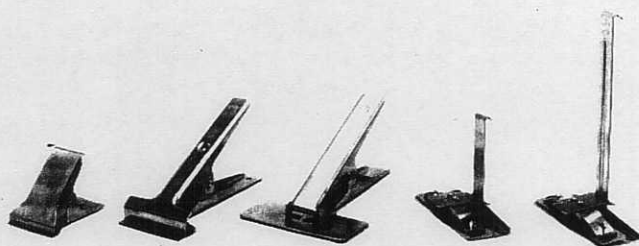
●SPECIAL ALLOY STEEL
(合金鋼)

◇KM ABRASIVE BELTS



NUMBER	GRITS
100	medium (中目) 綿・ウール・メリヤス他
120	fine (細目) 化合繊維・ニット他

◇KM CLIPS



S

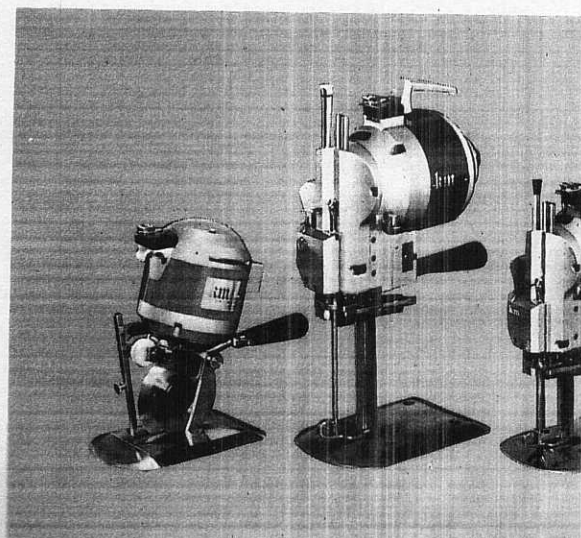
M

L

4"

8"

RANGE OF KM'S CL



KR-A

KS-AU

K

KM CLOTH CUTTING MACHI
6-3-5 DAI, KAMAKURA, K

Tokyo