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Craftool

No. 42

BELTS GALORE

by AL STOHLMAN



Featuring...OVER 70 REFRESHINGLY NEW STYLES & DESIGNS

- INVERTED CARVING
- RUFF - OUTS
- ROCK - N - ROLL
- MONEY BELTS
- INDIAN DESIGNS
- SILHOUETTES
- RODEO BELTS
- FIGURE BELTS

PLUS DOZENS OF MORE NEW BELT-MAKING IDEAS AND SPECIAL TIPS AND HINTS

COMPLETE INFORMATION!

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TOOLS USED *for Making Belts*

BELT LEATHER THICKNESSES
- 6-7oz. LADIES CONTOUR & DRESS BELTS
- 8-9oz. MEDIUM DEEP CARVING-EXCELLENT WEAR
- 9-10oz. GUN BELTS - WORK BELTS-LONG SERVICE

SKIVING TOOL
FOR THINNING BUCKLE END
"LITTLE GIANT" SKIVER ILLUSTRATED. OTHER AVAILABLE SKIVING TOOLS SHOWN ON PAGE 6

3/4" BAG PUNCH
TO CUT SLOT FOR BUCKLE TONGUE

SNAP SETTERS
ALL TYPES AVAILABLE

No. 2 EDGER
FOR ROUNDING EDGES BEFORE BURNISHING

LEATHER PUNCH
REVOLVING TYPE SHOWN AS VARIOUS SIZE HOLES ARE REQUIRED FOR SNAPS AND BILLET END. SEVERAL TYPES ARE AVAILABLE.

BUCKLE END

BILLET END

SNAPS

CIRCLE EDGE SLICKER
FOR BURNISHING EDGES
SEE PAGE 6 FOR OTHER BURNISHING SUGGESTIONS

READY-MADE BELT BLANKS
HOLES PUNCHED - ENDS SKIVED - SNAPS ATTACHED - READY TO CARVE.
MOST CRAFT DEALERS SUPPLY THEM IF YOU DO NOT WISH TO MAKE YOUR OWN

DRAW GUAGE
FOR CUTTING BELT STRIPS
"STRIPT-EASE" ILLUSTRATED
OTHER TYPES AVAILABLE

BELT LEATHER
(COMMONLY CALLED: **STRAP** LEATHER)

ILLUSTRATION AT RIGHT SHOWS **ONE SIDE** (1/2 HIDE) **OF COWHIDE**

THE ***BACK*** (*SEPERATED BY BROKEN LINE SHOWN*) IS THE BEST PART OF THE HIDE FOR TOP QUALITY BELTS. LEGS, BELLIES AND FLANKS ARE TOO SOFT AND "STRETCHY".... SHOULDERS AND NECKS TOO SPONGEY AND WRINKLED.

THE LEATHER CLOSEST TO THE BACK-BONE OF THE ANIMAL IS FIRMER AND TIGHTER GRAINED. THE CLOSER TO-WARDS THE BELLY AND NECK...THE SOFTER AND LOOSER THE FIBRES BE-COME...THE "STRETCHIER" THE LEATHER.

FOR BEST RESULTS... ***ALWAYS*** CUT BELTS ***LENGTHWISE*** OF THE HIDE.

FOR THE CRAFTSMAN MAKING SEV-ERAL BELTS, IT IS MOST ECONOMICAL TO BUY LEATHER ***BACKS***... RATHER THAN ***SIDES***... AS HE WILL HAVE NO LEGS OR BELLIES TO WASTE. UNLESS, OF COURSE, HE HAS OTHER PROJECTS TO USE THEM ON.

FRONT LEG

BELLY

FLANK

BACK LEG

BACK

SHOULDER

NECK

FOR FINEST QUALITY BELTS
USE "BUTT" OR "TAIL" END OF HIDE FOR BILLET END, AS THIS IS THE FIRMEST PART OF THE LEATHER AND THE MOST WEAR AND STRAIN COMES ON THE BILLET.
USE "SHOULDER" OR "NECK" END... FOR THE BUCKLE END.

LEATHER CUTTING KNIFE
(HEAVY BLADE)

RULE...OR STRAIGHT EDGE
USED TO MAKE A STRAIGHT CUT ON LEATHERS BEFORE CUTTING BELT STRIPS
(STYLECRAFT 5 ft. ALUMINUM RULE IS IDEAL)

BUCKLE SIZES & THINGS TO KNOW ABOUT BUCKLES

THERE ARE TWO IMPORTANT MEASUREMENTS TO ALL BUCKLES....

....THE.. WIDTH .... AND THE ..... LENGTH

REGARDLESS OF SIZE, STYLE, OR TYPE OF BUCKLE... THESE *TWO MEASUREMENTS* ARE NECESSARY TO DETERMINE THE PROPER BELT SIZE. THE *WIDTH* OF THE BUCKLE DETERMINES THE WIDTH OF THE BELT - OR BILLET. THE *LENGTH* OF THE BUCKLE *MUST* BE INCLUDED IN THE WAIST SIZE TO DETERMINE THE CORRECT LENGTH OF THE BELT. *EXAMPLES SHOWN AT RIGHT OF PAGE---*

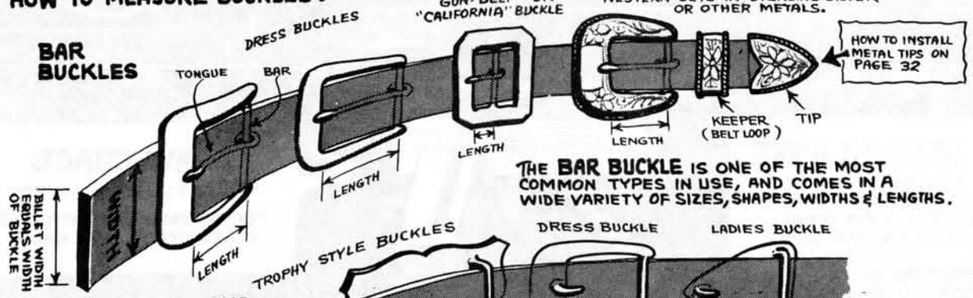
SPECIAL NOTE:

MOST BUCKLES MANUFACTURED IN THE U.S.A. ARE MADE SLIGHTLY OVERSIZE TO FREELY ACCOMODATE STANDARD BELT WIDTHS.

FOREIGN-MADE BUCKLES SHOULD BE MEASURED CAREFULLY, AS IT IS OFTEN NECESSARY TO TRIM BELTS SLIGHTLY FOR FREEDOM OF MOVEMENT.

HOW TO MEASURE BUCKLES:

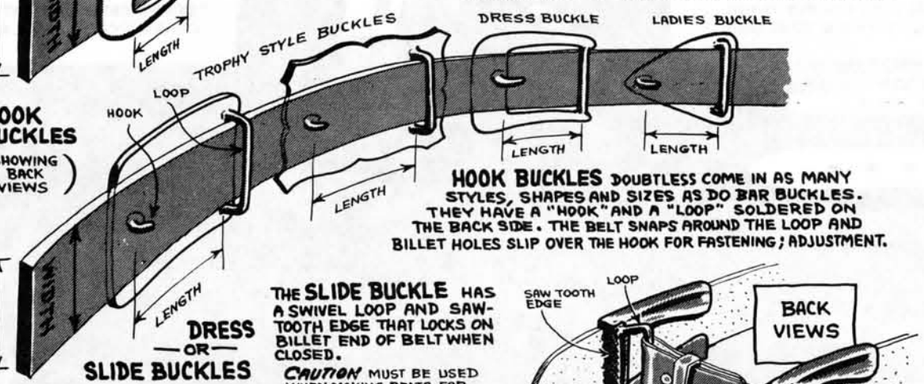
BAR BUCKLES



HOW TO INSTALL METAL TIPS ON PAGE 32

THE **BAR BUCKLE** IS ONE OF THE MOST COMMON TYPES IN USE, AND COMES IN A WIDE VARIETY OF SIZES, SHAPES, WIDTHS & LENGTHS.

HOOK BUCKLES (SHOWING BACK VIEWS)



HOOK BUCKLES DOUBTLESS COME IN AS MANY STYLES, SHAPES AND SIZES AS DO BAR BUCKLES. THEY HAVE A "HOOK" AND A "LOOP" SOLDERED ON THE BACK SIDE. THE BELT SNAPS AROUND THE LOOP AND BILLET HOLES SLIP OVER THE HOOK FOR FASTENING; ADJUSTMENT.

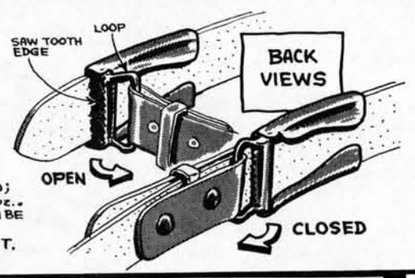
DRESS — OR — SLIDE BUCKLES



THE **SLIDE BUCKLE** HAS A SWIVEL LOOP AND SAW-TOOTH EDGE THAT LOCKS ON BILLET END OF BELT WHEN CLOSED.

CAUTION MUST BE USED WHEN MAKING BELTS FOR THIS BUCKLE, AS VERY LITTLE ROOM IS ALLOWED FOR BELT THICKNESS AND LIGHTWEIGHT LEATHER MUST GENERALLY BE USED; USUALLY ABOUT 4-5 oz. OR 5-6 oz.. HOWEVER, HEAVIER LEATHERS CAN BE SKIVED AT THE BILLET END.

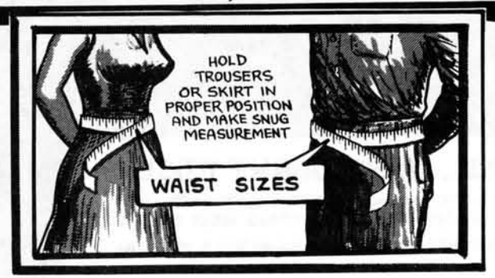
NO HOLES ARE NEEDED IN THE BILLET.

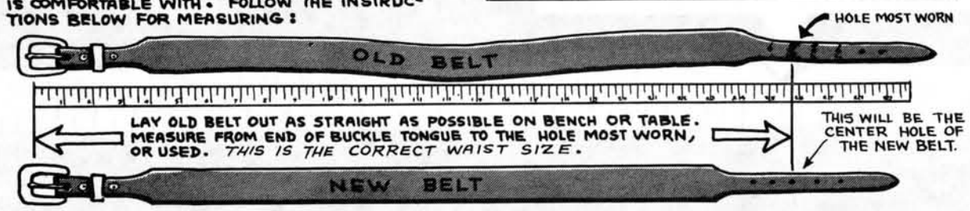


THE WAIST SIZE AND HOW TO MEASURE

TO OBTAIN THE PROPER WAIST SIZE... SEE SKETCH AT RIGHT. REMOVE OLD BELTS FROM TROUSERS OR SKIRT AND PULL TAPE SNUGLY AROUND *OUTSIDE* OF BELT LOOPS OF GARMENTS. *DO NOT PULL THE TAPE TIGHT.*

OFTEN TIMES - A WAIST SIZE CAN BEST BE TAKEN FROM AN OLD BELT THAT THE WEARER IS COMFORTABLE WITH. FOLLOW THE INSTRUCTIONS BELOW FOR MEASURING:

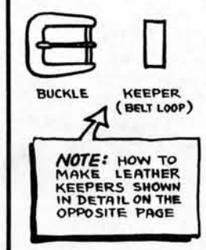




HOW TO DETERMINE THE BELT SIZE

Remember: THE **BUCKLE SIZE** AND THE **WAIST SIZE** DETERMINE THE **BELT SIZE**!

FOR THE PURPOSE OF OUR INSTRUCTION CLARIFICATION.....
THIS END OF THE BELT IS CALLED THE "BUCKLE END"
THIS END OF THE BELT IS CALLED THE "BILLET"



NOTE: HOW TO MAKE LEATHER KEEPERS SHOWN IN DETAIL ON THE OPPOSITE PAGE

1 CUT A STRIP OF LEATHER THE DESIRED WIDTH — AND 8" TO 10" LONGER THAN THE WAIST SIZE. SELECT FIRMEST END FOR BILLET (*BILLET RECEIVES MOST STRAIN*).

2 MEASURE BACK 2½" FROM BUCKLE END AND MARK A "FOLD LINE" ON THE LEATHER. THIS MEASUREMENT IS FOR BUCKLES WITH *ONE* KEEPER (BELT LOOP). *SEE STEP 6 FOR TWO KEEPER LENGTH.*

3 PLACE THE BUCKLE WITH BAR AT FOLD LINE AS SHOWN. BEGIN FROM END OF BUCKLE TONGUE (*OR HOOK — IF HOOK STYLE BUCKLE IS USED*) AND MEASURE OUT THE WAIST SIZE.

4 PLACE A MARK ON LEATHER AT END OF WAIST SIZE ON BILLET END. THIS WILL BE THE CENTER HOLE OF THE BILLET.

5 IF BELT IS TO BE TAPERED TO BUCKLE WIDTH... BEGIN TAPERS AS SHOWN ABOVE. 2¾" FROM FOLD LINE — 2¾" FROM CENTER HOLE. CUT OFF END OF BILLET 5" FROM CENTER HOLE WHEN USING STANDARD BUCKLES WITH ONE KEEPER. POINT THE BILLET END.

DO NOT PUNCH HOLES OR SLOTS IN BELT UNTIL ALL STAMPING IS COMPLETED!

6 FOR BUCKLES WITH *TWO KEEPERS*,... ONE INCH WILL HAVE TO BE ADDED TO BILLET END — AND ONE INCH ADDED TO BUCKLE END... WITH THE TAPER BEGINNING 3¾" FROM FOLD LINE. (*INSTEAD OF 2¾"*) TO ACCOMODATE EXTRA KEEPER, AS SHOWN BY SHADED AREAS AT THE BUCKLE END ABOVE.

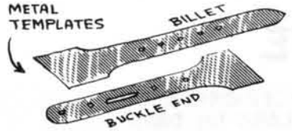
SEE "SPECIAL NOTE" AT LEFT CONCERNING EXTRA LENGTHS

SPECIAL NOTE: *IT IS ALWAYS GOOD PRACTICE, WHEN POSSIBLE, TO CUT BILLETS EXTRA LONG TO INSURE HAVING ENOUGH LEATHER FOR TROPHY BUCKLES....AND EXTRA LONG BUCKLES OF NOVELTY OR EXOTIC STYLE.*

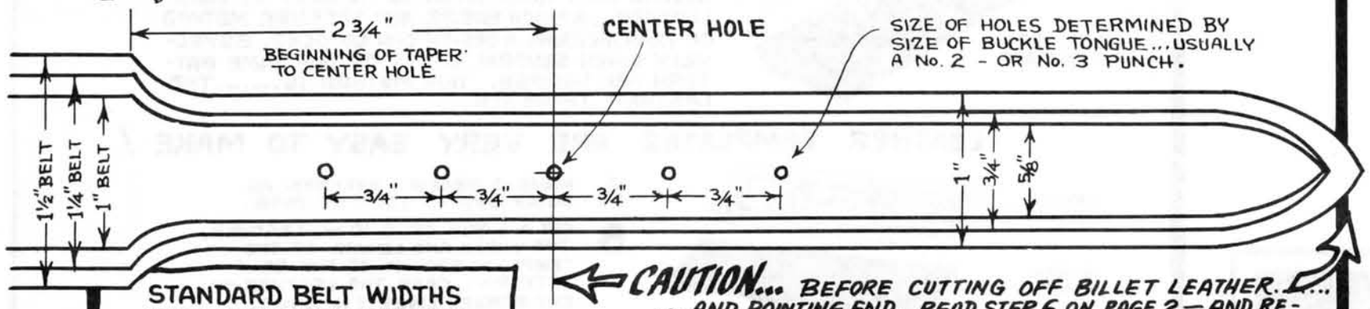
WHEN IN DOUBT... *AS TO JUST HOW LONG TO CUT THE BILLET END... PLACE THE BUCKLE WITH THE HOOK (OR END OF TONGUE) AT THE CENTER HOLE MARK ON THE BILLET, AS SHOWN IN THE EXAMPLES AT RIGHT. ADD 4" FROM END OF BUCKLE TO END OF BILLET — SHOWN IN EXAMPLES:*

THE LENGTH OF THE BUCKLE END OF THE LEATHER, FROM FOLD LINE, SELDOM CHANGES EXCEPT AS SHOWN IN STEP 6 ABOVE.

TAPERED BILLETS BUCKLE ENDS LEATHER KEEPERS (BELT LOOPS)



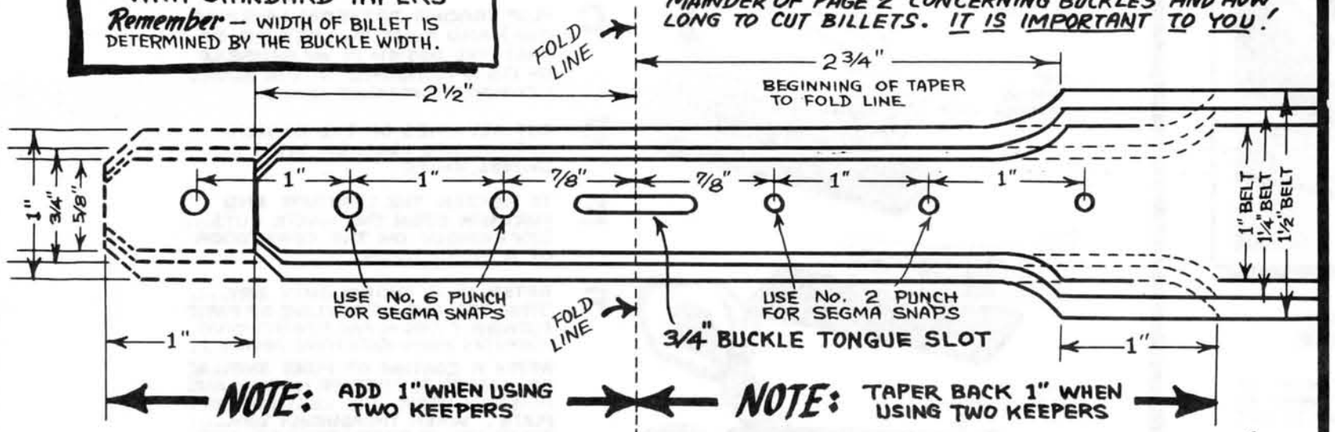
TO AID IN YOUR WORK.... IT IS SUGGESTED YOU MAKE CARD-BOARD OR LIGHTWEIGHT SHEET-METAL TEMPLATES OF THE PATTERNS BELOW, WITH THE HOLES AND SLOTS IN THE CORRECT POSITIONS. THIS WILL SPEED UP LAYING OUT AND MARKING TAPERS AND HOLES ON BELTS WITH MORE ACCURACY.



STANDARD BELT WIDTHS WITH STANDARD TAPERS

Remember — WIDTH OF BILLET IS DETERMINED BY THE BUCKLE WIDTH.

CAUTION... *BEFORE CUTTING OFF BILLET LEATHER.... ... AND POINTING END, READ STEP 6 ON PAGE 2 — AND REMAINDER OF PAGE 2 CONCERNING BUCKLES AND HOW LONG TO CUT BILLETS. IT IS IMPORTANT TO YOU!*



NOTE: ADD 1" WHEN USING TWO KEEPERS

NOTE: TAPER BACK 1" WHEN USING TWO KEEPERS

DO NOT PUNCH HOLES OR SLOTS IN BELTS UNTIL ALL STAMPING IS COMPLETED!

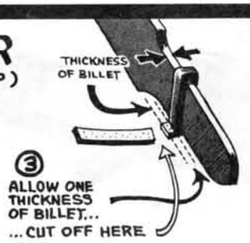
SKIVING - SNAP SETTING - BELT ASSEMBLY — ON PAGES 6 AND 7

MAKING A LEATHER KEEPER (BELT LOOP)



① CUT A STRIP OF 4 oz. COWHIDE ABOUT 5/16" WIDE... AND 6" OR 7" LONG (*FOR MAKING MORE THAN ONE KEEPER*). BURNISH THE EDGES.

② FOLD TIGHTLY AROUND BILLET AS SHOWN ABOVE.



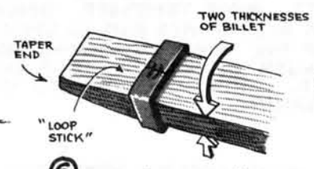
③ ALLOW ONE THICKNESS OF BILLET... ...CUT OFF HERE.



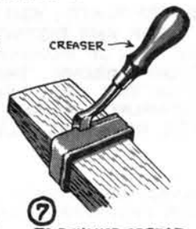
④ PUNCH HOLES IN ENDS OF KEEPER WITH AN AWL.... AND SEW WITH HEAVY WAXED THREAD AS SHOWN.



⑤ PULL STITCHES UP TIGHT AND TIE THREADS INSIDE OF THE KEEPER; CUT OFF ENDS.



⑥ MAKE A "LOOP-STICK" OUT OF HARDWOOD OR METAL ... THE WIDTH OF THE BILLET, AND TWICE AS THICK. WET KEEPER AND SLIDE ON LOOP-STICK. TAP WITH HAMMER TO SHAPE PROPERLY.



⑦ TO ENHANCE APPEARANCE — CREASE EDGES WITH A No. 1 OR No. 2 CREASER.



⑧ REMOVE KEEPER AND ALLOW TO DRY. APPLY LEATHER DRESSING.

TIP:



A REGULAR OFFICE STAPLER CAN BE USED TO JOIN KEEPERS... IF KEEPERS WILL SLIP OVER THE ANVIL PLATE.

PREPARING THE BELT FOR CARVING

1 SELECT THE PROPER WEIGHT (THICKNESS OF) **LEATHER**

SUGGESTED BELT LEATHER THICKNESSES AND THEIR USES

- 6-7 oz. — *LADIES CONTOUR — DRESS BELTS*
- 8-9 oz. — *MEDIUM... DEEP CARVING — EXCELLENT SERVICE*
- 9-10 oz. — *GUN BELTS — WORK BELTS — LONG WEAR*

2 SELECT THE BUCKLE TO BE USED

3 DECIDE ON THE BELT WIDTH (REMEMBER — MOST SLACKS AND DRESS PANTS HAVE NARROW BELT LOOPS.)

4 CUT THE BELT BLANK (AS DESCRIBED ON PAGE 2)

Remember ----- THE BUCKLE SIZE + WAIST SIZE = BELT SIZE!

5 WET ----OR---- "CASE" THE LEATHER



BE SURE TO READ ABOUT CASING LEATHER

Ⓐ TO "CASE" THE LEATHER, MEANS TO ENCLOSE IT IN AN AIR-TIGHT CONTAINER. THIS IS ACCOMPLISHED MOST SIMPLY BY WRAPPING THOROUGHLY WETTED BELT BLANK IN A PLASTIC FOOD BAG THAT CAN BE PURCHASED AT ANY FOOD MARKET. THIS RAISES THE HUMIDITY WHICH CAUSES THE LEATHER TO "SWEAT", ALLOWING THE MOISTURE TO PENETRATE AND SOFTEN ALL THE FIBRES OF THE LEATHER. PROPERLY "CASED" LEATHER (*LEAVE ABOUT 24 HOURS*) IS MOST IDEAL FOR ALL CARVING AND STAMPING PURPOSES.

Ⓑ **HOWEVER...** "CASING" THE LEATHER IS NOT ALWAYS MOST PRACTICAL OR CONVENIENT FOR THE CRAFTSMAN.... AS THE CASED LEATHER, WHEN REMOVED FROM THE PLASTIC BAG, TAKES SOME HOURS BEFORE ENOUGH MOISTURE HAS EVAPORATED AND THE LEATHER IS READY TO WORK.

Ⓒ **THEREFORE...** TO SPEED UP OPERATIONS.... THE LEATHER CAN BE SUBMERGED FOR A FEW MOMENTS UNDER WATER (*WASH BASIN IS IDEAL*) AND LAYED ON BENCH — AND IS ALMOST IMMEDIATELY READY TO TRACE AND CUT THE DESIGN. STAMPING OPERATIONS CAN PRACTICALLY BEGIN AT ONCE. CONTINUED SURFACE MOISTURE, WITH A SPONGE, MAY HAVE TO BE ADDED DURING STAMPING OPERATIONS IF DRY SPOTS BEGIN TO APPEAR.

Ⓓ **NEVER...** IF POSSIBLE... ALLOW LEATHER TO BECOME DRY UNTIL THE BELT HAS BEEN COMPLETELY STAMPED..... AS THE DRYING AND RE-WETTING OF LEATHERS HARDENS AND MAKES IT MORE DIFFICULT TO WORK.

Ⓔ **IF...** THE STAMPING OPERATIONS MUST STOP WHEN HALF COMPLETED..., APPLY A LITTLE MORE MOISTURE TO THE BELT WITH SPONGE AND WRAP UP IN PLASTIC BAG UNTIL READY TO RESUME WORK.

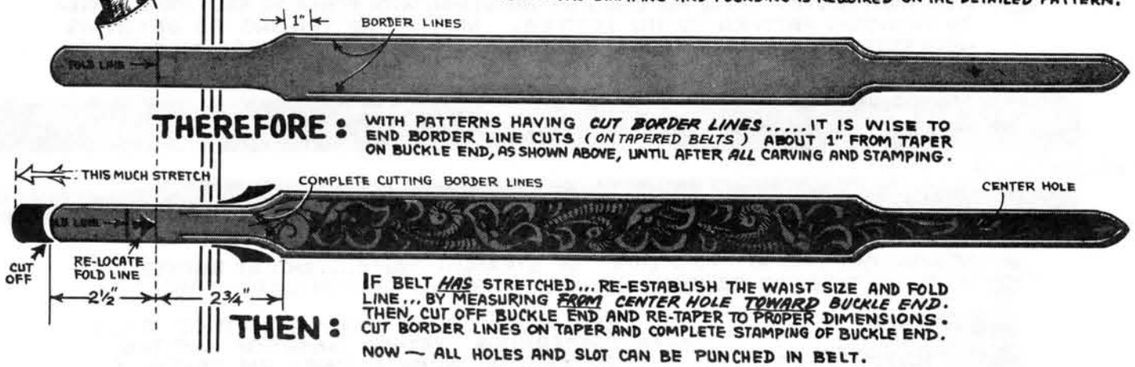
Ⓕ **THERE ARE NO SET RULES** FOR DETERMINING THE PROPER MOISTURE CONTENT FOR CARVING AND STAMPING LEATHER. IF LEATHER IS *TOO* WET, KNIFE CUTS WILL CLOSE; STAMPING IMPRESSIONS WILL "MUSH"/ IF *TOO* DRY... CUTS AND STAMPING IMPRESSIONS WILL NOT BE DEEP ENOUGH.

Ⓖ **EXPERIENCE...** TRIAL AND ERROR.... IS THE BEST KNOWN METHOD. PRACTICE ON SCRAP UNTIL YOU GET THE "FEEL" OF THE LEATHER. YOU WILL AUTOMATICALLY LEARN AND "KNOW" WHEN THE LEATHER IS "JUST-RIGHT". WORK FAST, WHEN IT IS, FOR FINEST RESULTS.



Important!

6 ONE THING MORE: --- DURING THE CARVING AND STAMPING OPERATIONS, THE BELT LEATHER WILL MOST ALWAYS HAVE SOME STRETCH OR EXPANSION IN LENGTH. LIGHTWEIGHT LEATHERS WILL STRETCH MORE THAN HEAVIER LEATHERS. THE SIMPLE CARVING DESIGN WILL STRETCH THE BELT LESS THAN THE INTRICATE DESIGN.... AS MUCH MORE STAMPING AND POUNDING IS REQUIRED ON THE DETAILED PATTERN.



THEREFORE: WITH PATTERNS HAVING *CUT BORDER LINES*.....IT IS WISE TO END BORDER LINE CUTS (*ON TAPERED BELTS*) ABOUT 1" FROM TAPER ON BUCKLE END, AS SHOWN ABOVE, UNTIL AFTER *ALL* CARVING AND STAMPING.

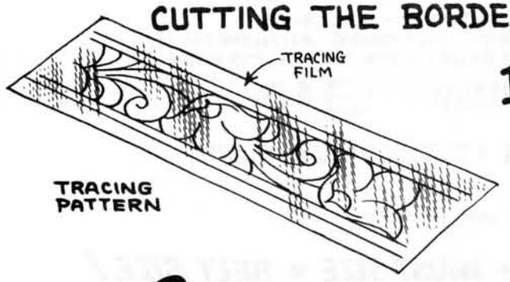
THEN: IF BELT *HAS* STRETCHED... RE-ESTABLISH THE WAIST SIZE AND FOLD LINE... BY MEASURING *FROM CENTER HOLE TOWARD BUCKLE END*. THEN, CUT OFF BUCKLE END AND RE-TAPER TO PROPER DIMENSIONS. CUT BORDER LINES ON TAPER AND COMPLETE STAMPING OF BUCKLE END.

NOW — ALL HOLES AND SLOT CAN BE PUNCHED IN BELT.

THIS METHOD INSURES A PROPER FIT & PROFESSIONAL APPEARING BELT!

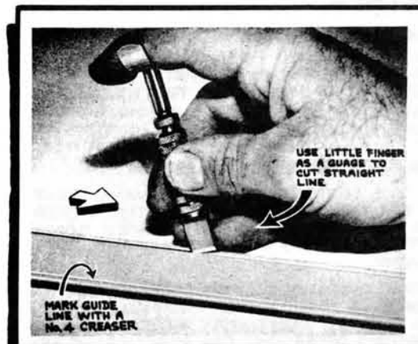
The TRACING PATTERN

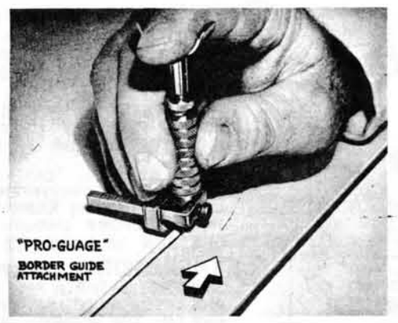
CUTTING THE BORDERS AND TRANSFERRING THE DESIGN

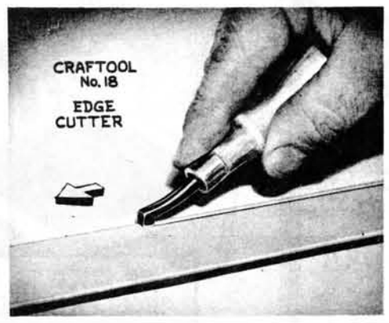


1 AFTER THE BELT HAS BEEN CUT TO SIZE AND "CASED"... MAKE A *TRACING PATTERN* FROM ONE OF THE DESIGNS IN THIS BOOK. USE PENCIL AND TRACING PAPER; OR—TRACING FILM. *TRACING FILM* IS SUPPLIED BY MOST CRAFT DEALERS AND IS *RECOMMENDED* AS IT HAS A GLOSS SURFACE FOR CONTACT WITH WET LEATHER THAT WILL OUTLAST OTHER PAPERS, AND GIVES MORE SATISFACTORY TRACING RESULTS. SIMPLY LAY IT OVER THE DESIRED TRACING PATTERN IN BOOK AND TRACE ALL LINES WITH A PENCIL.

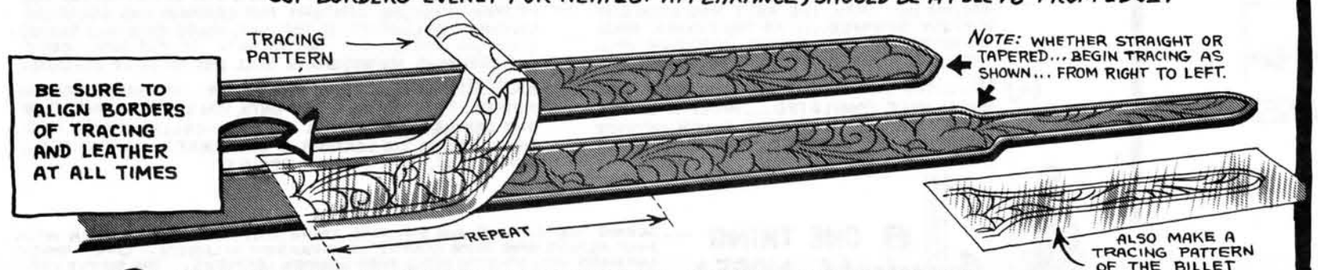
2 CUT THE BORDER LINES (IF ANY) THREE METHODS ARE SHOWN BELOW... USE THE ONE OF YOUR CHOICE.



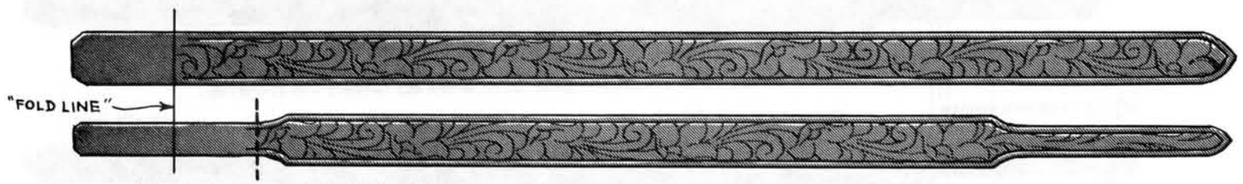




NOTE: ALL PATTERNS IN THIS BOOK CAN BE USED WITH OR WITHOUT BORDER LINES. CUT BORDERS EVENLY FOR NEATEST APPEARANCE; SHOULD BE A FULL 1/8" FROM EDGE.



3 PLACE THE TRACING PATTERN ON CASED BELT BLANK ... BEGIN AT RIGHT AS SHOWN ABOVE. TRACE ALL LINES OF THE DESIGN WITH PENCIL OR BALL-POINT STYLUS TO TRANSFER PATTERN TO THE LEATHER. REPEAT THE TRACING AS OFTEN AS NECESSARY TO COMPLETE TRANSFERRING DESIGN TO FULL LENGTH OF BELT.

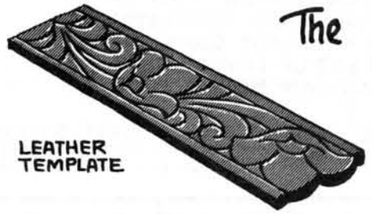


4 DESIGN CAN END AT "FOLD LINE" OF STRAIGHT BELTS.... AND AT BUCKLE WIDTH OF TAPERED BELTS (*INDICATED BY DOTTED LINE ON SKETCH ABOVE*).

BEWARE OF STRETCH! .... BE SURE TO READ STEP 6 ON PAGE 3..... CONCERNING LEATHER *STRETCH* AND THE CUTTING OF BORDER LINES ON BELTS!

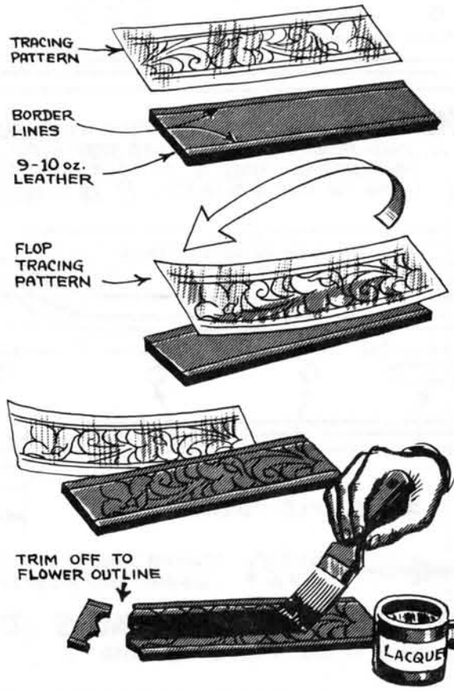
CARVING AND STAMPING THE DESIGN BEGINS ON OPPOSITE PAGE!

The LEATHER TEMPLATE



SINCE PAPER PATTERNS SOON DETERIORATE OR BECOME TORN THRU REPEATED TRACINGS ON DAMP LEATHER... A MUCH EASIER AND SPEEDIER METHOD OF TRANSFERRING A DESIGN CAN BE USED, ESPECIALLY WHEN SEVERAL BELTS OF THE SAME PATTERN ARE DESIRED. THIS METHOD IS.....THE LEATHER TEMPLATE.

LEATHER TEMPLATES ARE VERY EASY TO MAKE!



A MAKE A TRACING PATTERN AS DESCRIBED AT LEFT OF PAGE.

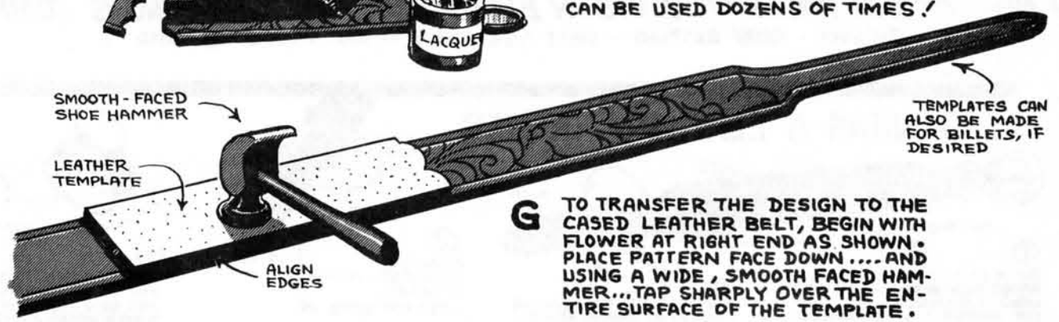
B CUT A STRIP OF 9-10 oz. LEATHER, THE WIDTH AND LENGTH OF THE "REPEAT" SECTION OF THE BELT PATTERN. CASE THE LEATHER — CUT BORDER LINES (IF ANY).

C FLOP TRACING PATTERN (*END OVER END*) AND PLACE ON LEATHER SO THAT THE DESIGN IS *IN REVERSE* OF ITS APPEARANCE IN THE BOOK. (*EXAMPLE SHOWN AT LEFT*)

D CUT ALL LINES OF THE DESIGN DEEPLY INTO LEATHER WITH THE SWIVEL KNIFE.

E TO HARDEN THE LEATHER AND FURTHER OPEN THE KNIFE CUTS... DRY RAPIDLY ON THE OPEN DOOR OF A WARM OVEN.

F AFTER IT IS THOROUGHLY DRY.... TRIM OFF END OF OUTLINE OF FIRST FLOWER (*THIS IS FOR REGISTERING PURPOSES WHEN REPEATING DESIGN*). APPLY A COATING OF PURE SHELLAC OR LACQUER TO FURTHER HARDEN AND MOISTURE-PROOF THE LEATHER TEMPLATE. WHEN THOROUGHLY DRY..... TEMPLATE IS READY FOR USE AND CAN BE USED DOZENS OF TIMES!



G TO TRANSFER THE DESIGN TO THE CASED LEATHER BELT, BEGIN WITH FLOWER AT RIGHT END AS SHOWN. PLACE PATTERN FACE DOWN.... AND USING A WIDE, SMOOTH FACED HAMMER... TAP SHARPLY OVER THE ENTIRE SURFACE OF THE TEMPLATE.

UPON REMOVAL OF THE TEMPLATE, YOU WILL NOTE THE LINES OF THE DESIGN ARE RAISED — CLEAR AND DISTINCT. MOVE TEMPLATE DOWN THE BELT AND PLACE THE END OF FLOWER IN LINE WITH END OF DESIGN ALREADY ON BELT AS SHOWN ABOVE. TAP THE TEMPLATE AGAIN AND REPEAT THE PROCESS FOR THE FULL LENGTH OF BELT. KEEP THE EDGES OF BELT AND TEMPLATE ALIGNED. TAP FULL SURFACE OF TEMPLATE TO TRANSFER ALL LINES CLEARLY.

NOTE: MOST PROFESSIONAL CRAFTSMEN HAVE LEATHER TEMPLATES OF MOST ALL THEIR FAVORITE FLOWERS AND DESIGNS.

THE BELT IS READY TO CARVE

FOLLOW INSTRUCTIONS ON PAGE 3 TO PREPARE THE BELT FOR CARVING. USE THE *TRACING PATTERN* METHOD OR THE *LEATHER TEMPLATE* METHOD (SHOWN ON OPPOSITE PAGE) FOR TRANSFERRING THE DESIGN. *BOTH EXAMPLES* ARE SHOWN BELOW.... READY TO CARVE !

TRACING PATTERN
(LINES INDENTED)

CARVING PATTERN FROM PAGE 8

LEATHER TEMPLATE
(LINES RAISED)

Remember.... CUT THE BORDER LINES FIRST !
(IF BORDER LINES ARE USED)

METHODS OF CUTTING BORDERS SHOWN ON OPPOSITE PAGE.

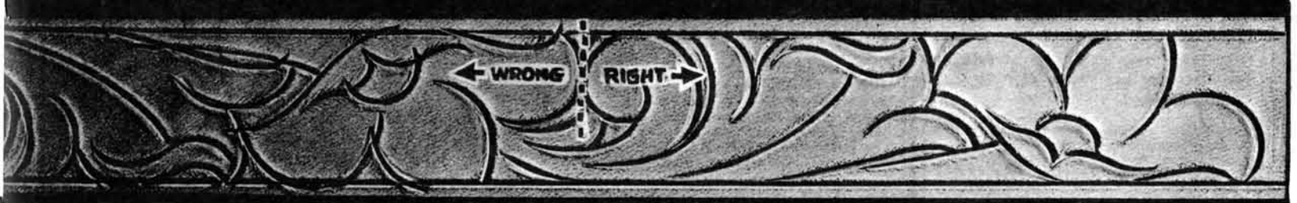
GET COMFORTABLY SEATED AT YOUR BENCH WITH TOOLS, SPONGE, AND WATER DISH HANDY.

BEGIN CUTTING AT THE BILLET END, AND CARVE THE FULL LENGTH OF BELT. KEEP MOVING BELT FORWARD SO THAT THE CUTTING AREA IS ABOUT CENTRALLY LOCATED ON THE MARBLE.

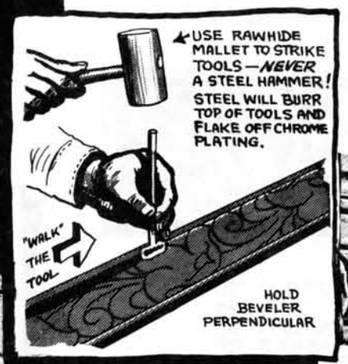
TURN BELT TO RIGHT OR LEFT, IF NECESSARY, TO COMPLETE TURNS WITH SMOOTH CUTS. MOVE FREELY TO KEEP HANDS FROM CRAMPING AND MAKING "JERKY" CUTS.

PRACTICE ON SCRAP... IF YOU FEEL IT IS NECESSARY.





DESIGN CARVED AND READY TO STAMP



STAMPING THE DESIGNS

BEVELING THE BORDERS



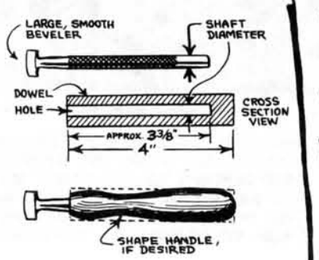
FIRST STEP IN STAMPING THE DESIGN IS TO BEVEL INSIDE THE BORDER LINES (IF ANY). USE No. 195...OR OTHER LARGE BEVELER. THE LARGER THE TOOL, THE FASTER AND SMOOTHER THE BEVELING WILL BE.

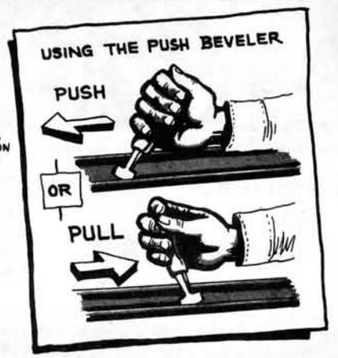
TIP: *FOR EXTRA SPEEDY AND SMOOTH BEVELING OF BORDER LINES... USE A PUSH BEVELER!*

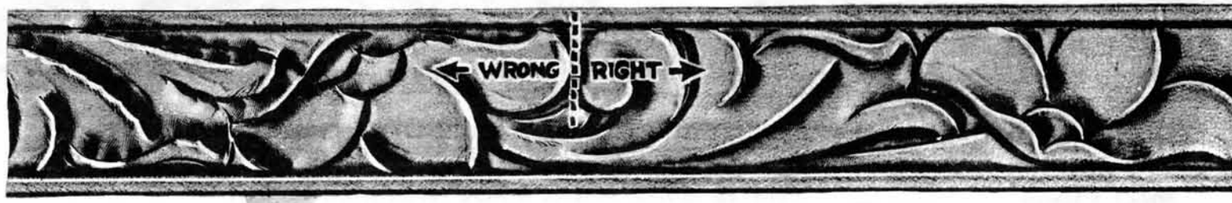
IF YOUR CRAFT DEALER DOES NOT SUPPLY THEM... *MAKE YOUR OWN* →

USE A 4" PIECE OF 3/4" OR 1" HARDWOOD DOWEL AND BORE A HOLE IN CENTER... ABOUT 3 3/8" DEEP AS SHOWN IN DIAGRAM AT RIGHT. HOLE MUST BE SAME DIAMETER AS SHAFT OF BEVELER.
DRIVE THE SADDLE STAMP INTO THIS HOLE. THE NURLED HANDLE OF TOOL WILL GRIP DOWEL SUFFICIENTLY TO PREVENT TOOL FROM TURNING. HANDLE CAN BE TURNED ON WOOD LATHE, OR SHAPED WITH KNIFE OR WOOD RASP.

"Zip Down The Borders In a Flash !"







BEVELING THE DESIGNS



FOR SPEED STAMPING ... IT IS BEST TO USE ONE TOOL OVER THE ENTIRE DESIGN BEFORE CHANGING. IF MORE THAN ONE SIZE BEVELER IS REQUIRED... STAMP ALL POSSIBLE AREAS WITH THE LARGEST TOOL FIRST— FULL LENGTH OF BELT. THEN, CHANGE TOOLS, BEGIN AGAIN AT THE BILLET AND COMPLETE BEVELING WITH THE SMALLER ONE.



BEVELING DESIGNS WITHOUT BORDERS

CARE SHOULD BE USED WHEN BEVELING BORDERLESS DESIGNS OR BULGES AND SPREADING MAY OCCUR, AS SHOWN ABOVE. LESSEN THE FORCE OF THE BEVELING BLOWS WHERE SMALL AREAS OF THE DESIGN CURVE CLOSE TO THE BELT EDGE. IF LEATHER IS TOO WET... BEVELING IS LIABLE TO "SQUASH" BELT OUT AT THESE AREAS. BEVEL CAREFULLY ALONG THE EDGES.

STAMPING THE DESIGNS (Continued)

THERE ARE NO "SET RULES" FOR STAMPING PROCEDURES. USE THE TOOLS IN THE ORDER SHOWN, OR STAMP THEM IN THE SEQUENCE YOU CHOOSE.

ALSO....TOOLS SHOWN CAN BE SUBSTITUTED FOR SIMILAR ONES, OR TOOLS OF YOUR CHOICE.

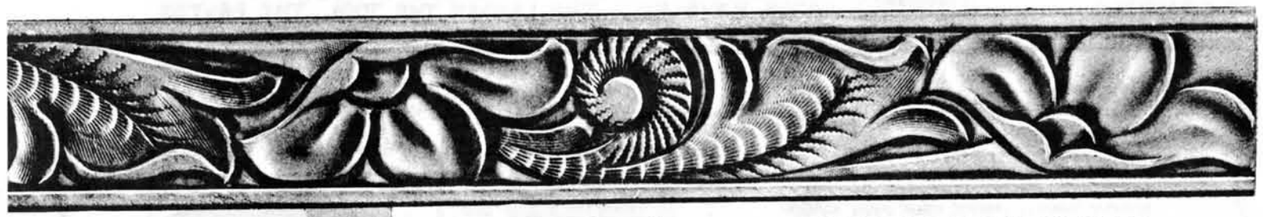
USE THE PHOTO PATTERNS AS YOUR STAMPING GUIDES.



SHADING THE DESIGNS



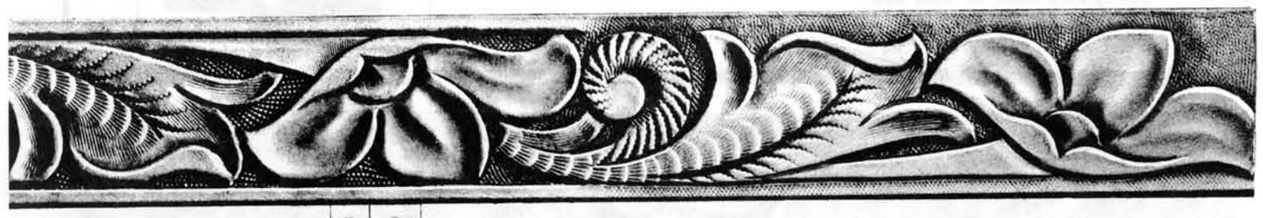
"PEAR" SHADERS ARE USED TO ADD DEPTH AND CONTOURING TO THE DESIGN. THEY HAVE SMOOTH, CHECKED, AND LINED SURFACES TO CREATE CONTRASTING EFFECTS. HOLD THE SHADERS STRAIGHT UP AND DOWN AND "WALK" THEM WHILE USING VARYING DEGREES OF FORCE WITH THE MALLET TO GAIN DESIRED DEPTH AND SHADING EFFECTS.



THE VEINERS AND THE "CAMS"



"VEINERS" AND "CAMS" (*CAMOUFLAGE*) ARE MADE IN VARIOUS SIZES, SHAPES, AND STAMPING SURFACES FOR CREATING SPECIAL EFFECTS AND CONFORMING TO DIFFERENT DESIGNS. THESE TOOLS ARE USUALLY TIPPED OR LEANED TO ONE SIDE, WHEN STRUCK WITH THE MALLET, SO THAT THE IMPRESSIONS DIG SHARPLY INTO THE LEATHER ON ONE END AND FADE TO NOTHING AT THE OTHER. HOWEVER, THIS IS *NOT* A RULE.



BACKGROUND AND MATTING TOOLS



BACKGROUND TOOLS ARE AVAILABLE IN DIFFERENT SIZES, SHAPES, AND TEXTURES. THEY SHOULD BE HELD STRAIGHT UP AND DOWN AND STAMPED WITH UNIFORM DEPTH. USE No. 98 IN SMALL, POINTED AREAS WHERE OTHER TOOLS WILL NOT FIT.

MATTING TOOLS ARE USED IN LARGER AREAS TO "FADE" BACKGROUND AWAY FROM DESIGN...SUCH AS ON BELTS WITHOUT BORDER LINES, THEREBY GIVING THE ILLUSION OF ADDED DEPTH. LEATHER SHOULD HAVE LOW MOISTURE CONTENT FOR PROPER BACKGROUNDING.



DECORATIVE CUTS



AFTER ALL STAMPING; ADD THE DECORATIVE CUTS. THESE CUTS ARE USED TO ENHANCE THE APPEARANCE OF THE DESIGN AND SHOULD "FLOW" SMOOTHLY. USE HEAVY PRESSURE AT BEGINNING OF CUT.... LESSENING PRESSURE AS CUT DIMINISHES TO A FINE LINE. LOTS OF PRACTICE IS REQUIRED TO MASTER THE DECORATIVE CUTS. PRACTICE ON SCRAP — OFTEN.

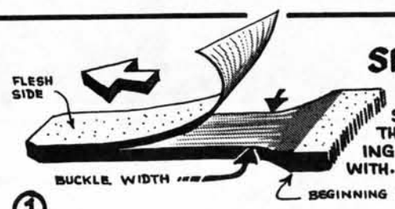
TIP: KEEP BLADE SHARP



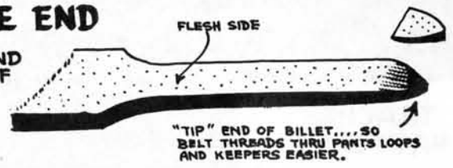
SKIVING • EDGING • BURNISHING

IF,...YOUR BELT HAS *STRETCHED* DURING THE STAMPING OPERATIONS, TURN BACK TO PAGE 3 AND READ STEP 6 TO SEE HOW TO CORRECT THIS SITUATION. IF BELT ALREADY HAS SNAPS ATTACHED, TURN TO PAGE 8 AND SEE "HOW TO SHORTEN A BELT."

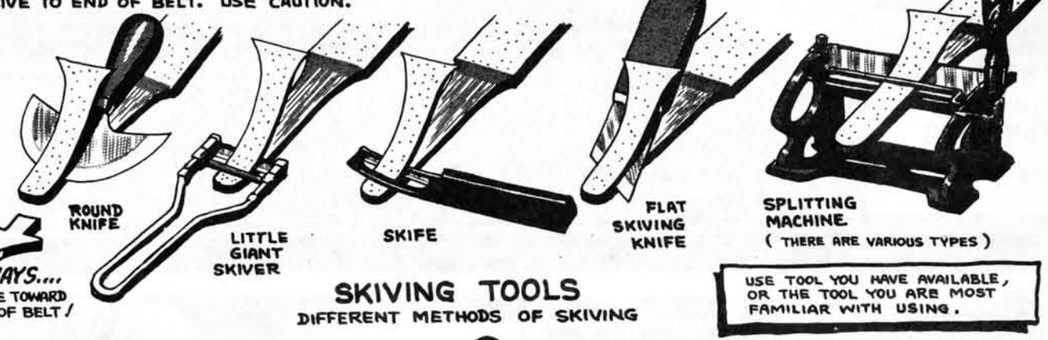
SKIVING THE BUCKLE END



TURN BELT FLESH SIDE UP AND SKIVE ABOUT 1/3 THICKNESS OFF THE BUCKLE END. USE THE SKIVING TOOL YOU ARE MOST FAMILIAR WITH. AVOID SKIVING TOO DEEP!



① START SKIVING AT BEGINNING OF TAPER. GRADUATE SKIVE TO BUCKLE WIDTH...THEN MAINTAIN UNIFORM THICKNESS OF SKIVE TO END OF BELT. USE CAUTION.



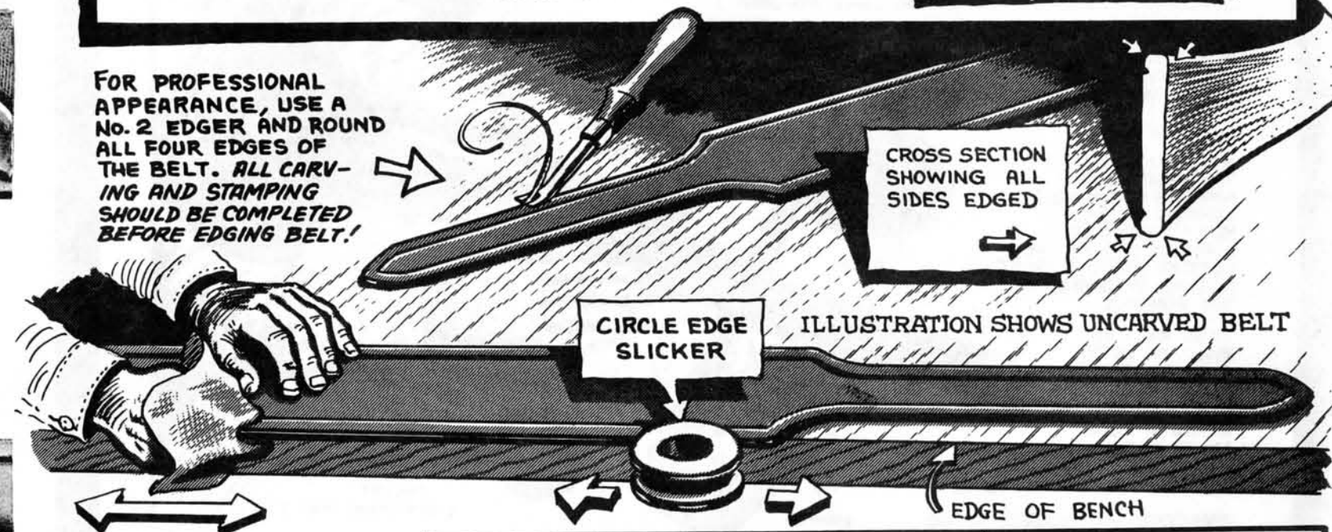
ALWAYS.... SKIVE TOWARD END OF BELT!

SKIVING TOOLS

DIFFERENT METHODS OF SKIVING

USE TOOL YOU HAVE AVAILABLE, OR THE TOOL YOU ARE MOST FAMILIAR WITH USING.

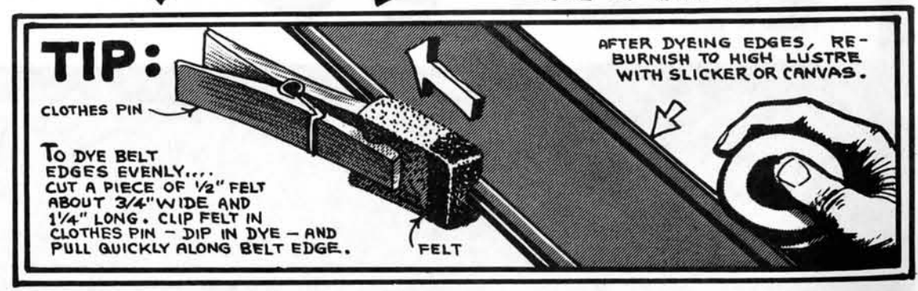
FOR PROFESSIONAL APPEARANCE, USE A No. 2 EDGER AND ROUND ALL FOUR EDGES OF THE BELT. *ALL CARVING AND STAMPING SHOULD BE COMPLETED BEFORE EDGING BELT!*



AFTER EDGING... LAY BELT ON EDGE OF BENCH OR TABLE AND LIGHTLY MOISTEN THE EDGES. TO BURNISH....RUB BRISKLY WITH A SMALL PIECE OF CANVAS, AS SHOWN..... OR USE THE CIRCLE EDGE SLICKER IN THE SAME MANNER.

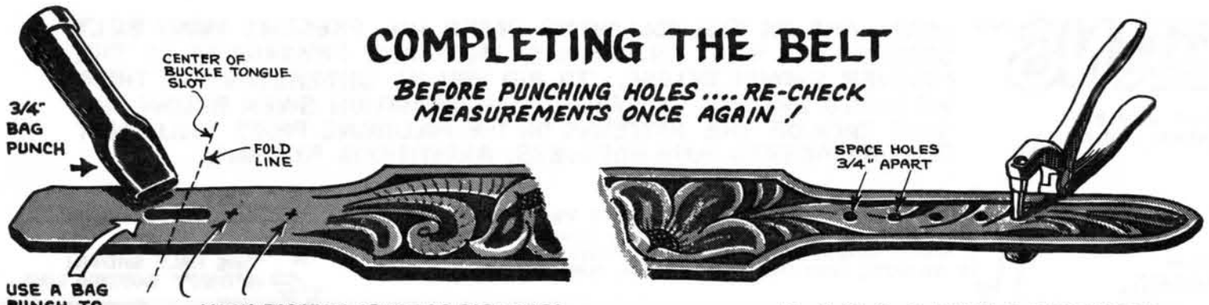
NOTE: SOME CRAFTSMAN IMPREGNATE CANVAS WITH SADDLE SOAP TO AID IN BURNISHING EDGES. TRY IT!

TIP:



COMPLETING THE BELT

BEFORE PUNCHING HOLES.... RE-CHECK MEASUREMENTS ONCE AGAIN !



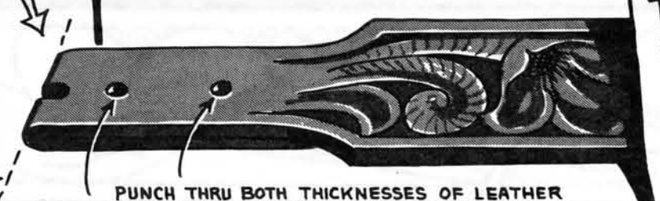
USE A BAG PUNCH TO CUT OUT BUCKLE TONGUE SLOT.

MARK POSITION OF HOLES FOR SNAPS. SEE "*TAPERED BILLETS*" ON PAGE 3 FOR CORRECT MEASUREMENTS.

No. 2 OR No. 3 PUNCH IS USUALLY USED ON BILLET HOLES. HOWEVER, SIZE OF THE BUCKLE TONGUE (OR HOOK) SHOULD DETERMINE THE SIZE OF THE HOLES.

AFTER PUNCHING BUCKLE TONGUE SLOT... WET LEATHER (AT FOLD) TO PREVENT CRACKING THE SURFACE GRAIN, AND FOLD AS SHOWN BELOW.

TAP FLAT WITH SMOOTH FACED HAMMER

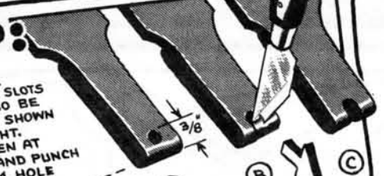


PUNCH THRU BOTH THICKNESSES OF LEATHER WITH A No. 2 PUNCH... THIS INSURES PERFECT ALIGNMENT OF HOLES, FOR THE SNAPS.

FOLD LINE

TIP:

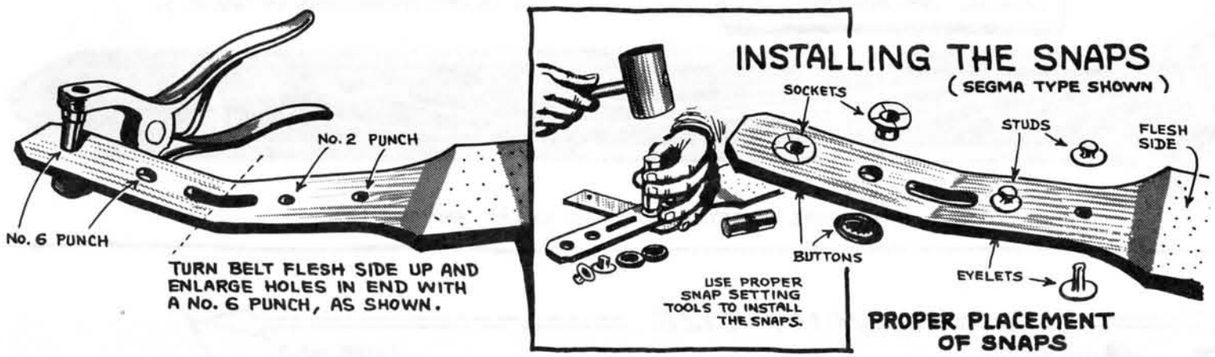
BUCKLE TONGUE SLOTS CAN ALSO BE CUT AS SHOWN AT RIGHT. MOISTEN AT FOLD AND PUNCH A No. 4 HOLE ABOUT 3/8" FROM FOLD, AS SHOWN... CUT OUT SLOT WITH SHARP KNIFE.



THIS METHOD IS PREFERRED BY MANY CRAFTSMEN !

INSTALLING THE SNAPS

(SEGMA TYPE SHOWN)



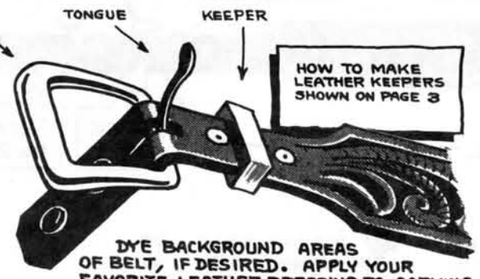
TURN BELT FLESH SIDE UP AND ENLARGE HOLES IN END WITH A No. 6 PUNCH, AS SHOWN.

USE PROPER SNAP SETTING TOOLS TO INSTALL THE SNAPS.

PROPER PLACEMENT OF SNAPS

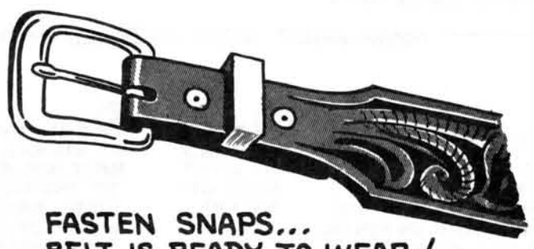
NOTE: AFTER SETTING SNAPS... IT IS A GOOD PRACTICE TO TEST THEM SEVERAL TIMES BY SNAPPING TOGETHER TO BE SURE THEY ARE PROPERLY SET.

BUCKLE TONGUE KEEPER



DYE BACKGROUND AREAS OF BELT, IF DESIRED. APPLY YOUR FAVORITE LEATHER DRESSING TO CARVING, EDGES, AND BACK OF BELT. ALLOW TO DRY.

INSTALL THE KEEPER AND THE BUCKLE (AS SHOWN ABOVE).



FASTEN SNAPS... BELT IS READY TO WEAR !

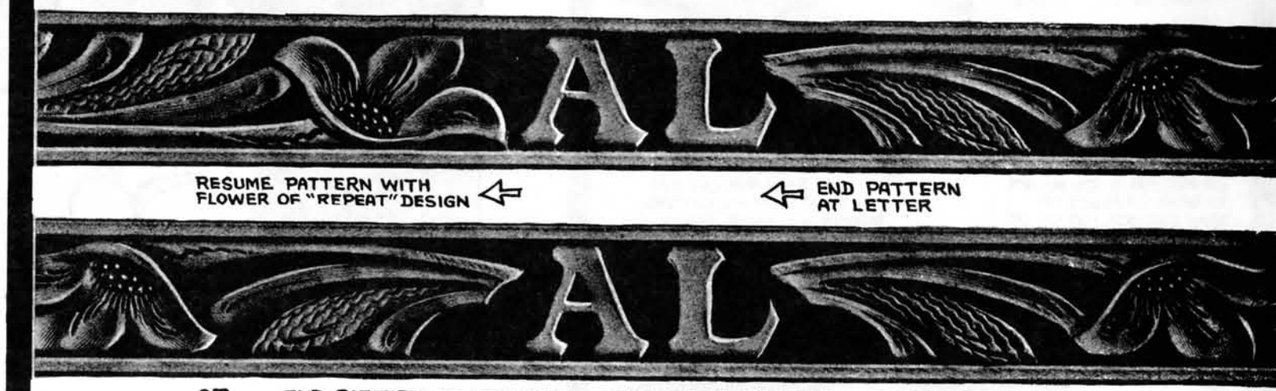
NAMES AND INITIALS



NAMES OR INITIALS CAN BE SUPERIMPOSED AND CARVED OVER THE PATTERN... AS SHOWN ABOVE. OR, THE PATTERN CAN BE BROKEN, AS ILLUSTRATED BELOW.



CRAFTAID ALPHABETS ARE IDEAL FOR LETTER SELECTIONS THESE PLASTIC TEMPLATES COME IN A VARIETY OF SIZES AND STYLES AND ARE READY TO TRANSFER TO THE LEATHER

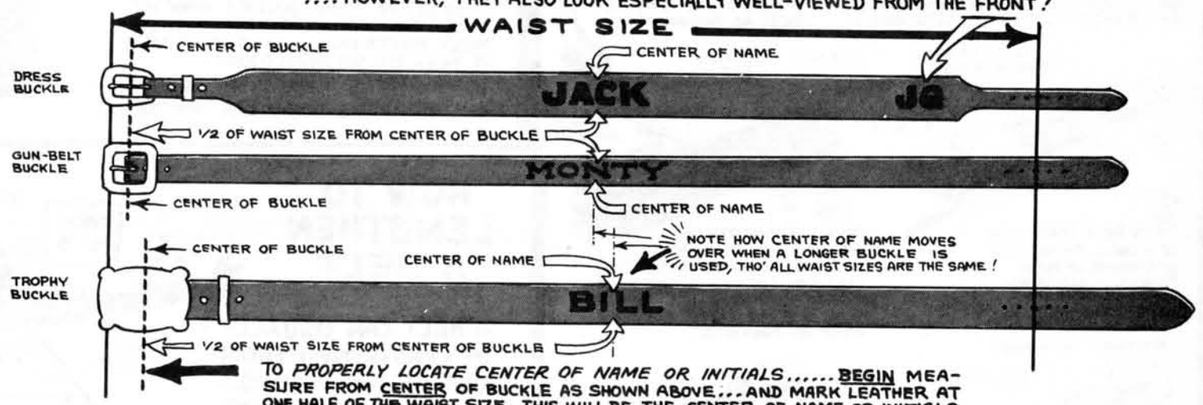


RESUME PATTERN WITH FLOWER OF "REPEAT" DESIGN ⇦

⇦ END PATTERN AT LETTER

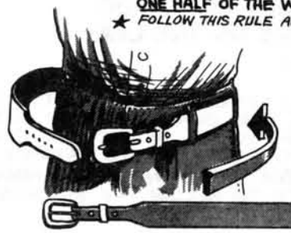
OR... END PATTERN AT LETTER.... THEN REVERSE DESIGN BY FLOPPING PATTERN (*CONTINUING TO BUCKLE END*) TO GIVE A "BALANCED" EFFECT.

NAMES OR INITIALS ARE USUALLY STAMPED IN THE CENTER OF BELT, IN BACK.... .... HOWEVER, THEY ALSO LOOK ESPECIALLY WELL-VIEWED FROM THE FRONT !



TO PROPERLY LOCATE CENTER OF NAME OR INITIALS..... BEGIN MEASURE FROM CENTER OF BUCKLE AS SHOWN ABOVE... AND MARK LEATHER AT ONE HALF OF THE WAIST SIZE. THIS WILL BE THE CENTER OF NAME OR INITIALS.

★ *FOLLOW THIS RULE AND YOUR NAMES WILL ALWAYS BE IN CENTER OF BACK, WHEN WORN !*



MEN... USUALLY THREAD BELTS THRU TROUSERS FROM LEFT TO RIGHT !

WOMEN... USUALLY WEAR BELTS FROM RIGHT TO LEFT !

THIS IS IMPORTANT... WHEN NAMES OR INITIALS ARE USED, SO THEY WILL APPEAR IN UPRIGHT POSITION.







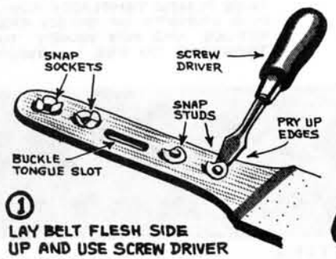
HOW TO SHORTEN A BELT

(WITH SNAPS ATTACHED)

OFTEN TIMES, REGARDLESS OF HOW CAREFUL YOU HAVE CHECKED MEASUREMENTS, A BELT WILL SOMEHOW COME OUT *TOO LONG* TO FIT PROPERLY...ONLY TO BE DISCOVERED *AFTER* IT WAS COMPLETED AND THE OWNER TRIED IT ON!

OR...A FRIEND HAS A BELT HE WOULD LIKE SHORTENED. THESE BELTS *CAN* BE SHORTENED SUCCESSFULLY.

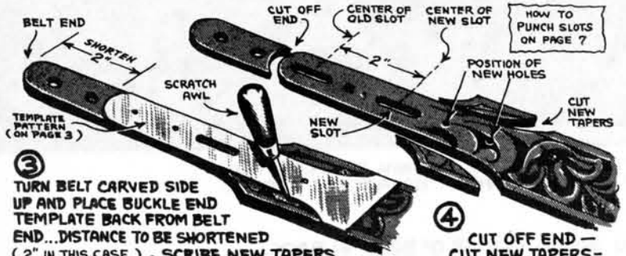
FOR THE SAKE OF OUR ILLUSTRATION... LET US SAY WE WANT TO SHORTEN THE BELT 2". THIS IS MOST DIFFICULT AS ONE OF THE SNAPS WILL HAVE TO BE PLACED IN THE BUCKLE TONGUE SLOT.



① LAY BELT FLESH SIDE UP AND USE SCREW DRIVER TO BEND UP EDGES OF SNAP SOCKETS AND STUDS.

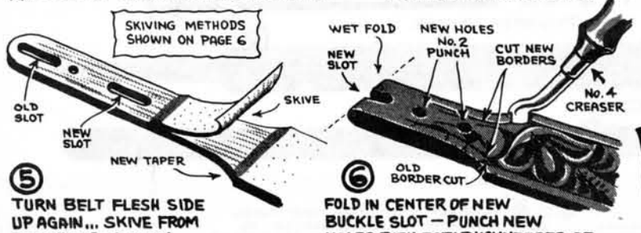


② FOLD LEATHER TO EXPOSE SNAP AND CUT OFF WITH SIDE (OR END) CUTTERS. REMOVE ALL SNAP PARTS!



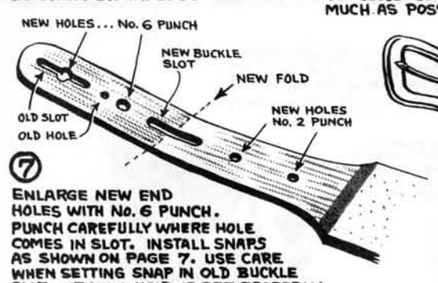
③ TURN BELT CARVED SIDE UP AND PLACE BUCKLE END TEMPLATE BACK FROM BELT END...DISTANCE TO BE SHORTENED (2" IN THIS CASE). SCRIBE NEW TAPERS ON LEATHER AND ALSO MARK NEW HOLES AND BUCKLE TONGUE SLOT...WITH AWL.

④ CUT OFF END — CUT NEW TAPERS — AND PUNCH NEW BUCKLE SLOT AS SHOWN ABOVE.

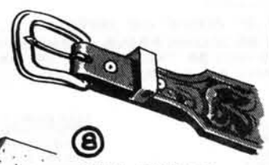


⑤ TURN BELT FLESH SIDE UP AGAIN... SKIVE FROM BEGINNING OF NEW TAPERS TO OLD SKIVE, AS SHOWN. EDGE AND BURNISH NEW TAPERS.

⑥ FOLD IN CENTER OF NEW BUCKLE SLOT — PUNCH NEW HOLES THRU BOTH THICKNESSES OF LEATHER. CUT NEW BORDERS AT TAPERS, MOISTEN AND USE CREASER TO "CLOSE" OLD BORDER CUTS AS MUCH AS POSSIBLE.



⑦ ENLARGE NEW END HOLES WITH No. 6 PUNCH. PUNCH CAREFULLY WHERE HOLE COMES IN SLOT. INSTALL SNAPS AS SHOWN ON PAGE 7. USE CARE WHEN SETTING SNAP IN OLD BUCKLE SLOT... IT WILL HOLD IF SET PROPERLY.



⑧ APPLY LEATHER DRESSING TO SHORTENED END. BELT IS READY FOR USE.

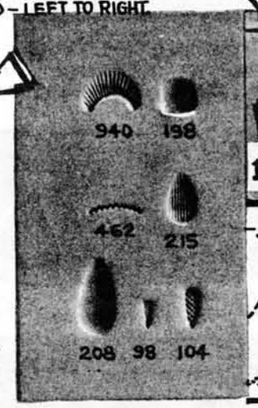
BELT PATTERNS...

★ MOST OF THE PATTERNS IN THIS BOOK CAN BE STAMPED *WITH* -OR- *WITHOUT* BORDER LINES.

HERE, AND ON THE FOLLOWING PAGES WE PRESENT MANY BELT DESIGNS FOR YOUR ENJOYMENT. MOST ARE PRESENTED IN THE MANNER SHOWN BELOW. TO AID YOU IN UNDERSTANDING THEM, WE WOULD LIKE YOU TO READ THE INFORMATION GIVEN BELOW, SO THAT EACH OF THE PATTERNS ON THE FOLLOWING PAGES WILL NOT BE ENCUMBERED WITH NEEDLESS, REPITITIOUS READING.

THESE ARE THE **STAMPING TOOLS....** AND THE SEQUENCE IN WHICH THEY WERE USED — LEFT TO RIGHT.

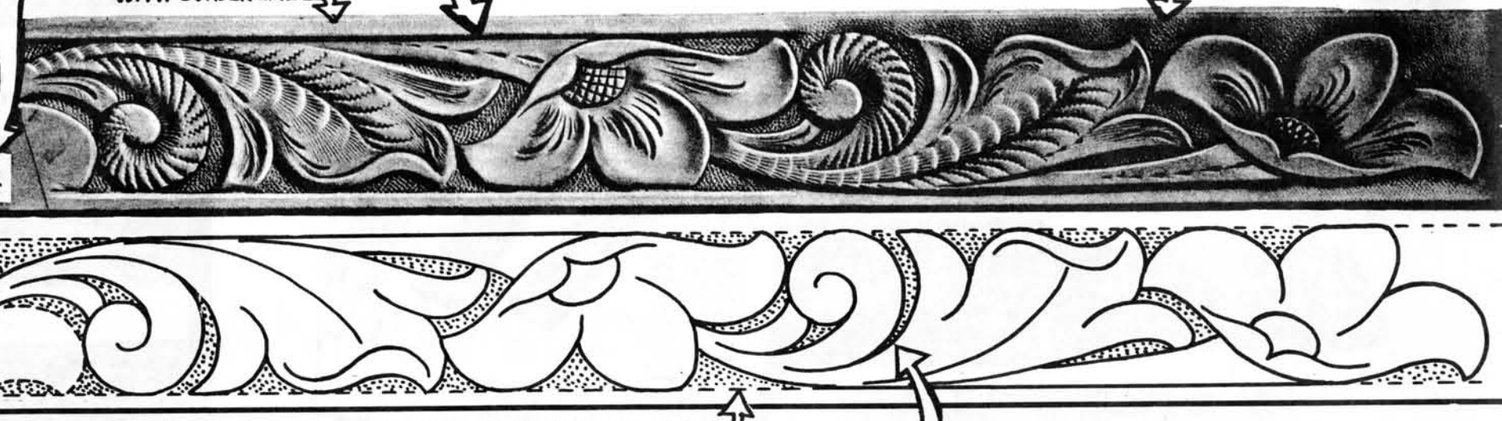
THIS NUMBER: INDICATES THE BELT WIDTH.



THIS IS A: **PHOTO PATTERN...** IT IS A PHOTOGRAPH OF THE LEATHER AS IT WAS ACTUALLY CARVED. USE IT AS A GUIDE WHEN STAMPING YOUR OWN BELT. STUDY IT TO NOTE HOW THE TOOLS HAVE BEEN USED.

★ THIS HALF SHOWN *WITH* BORDER LINE

★ THIS HALF SHOWN *WITHOUT* BORDER LINE



DOTTED LINES ON EDGES INDICATE OPTIONAL BORDERS

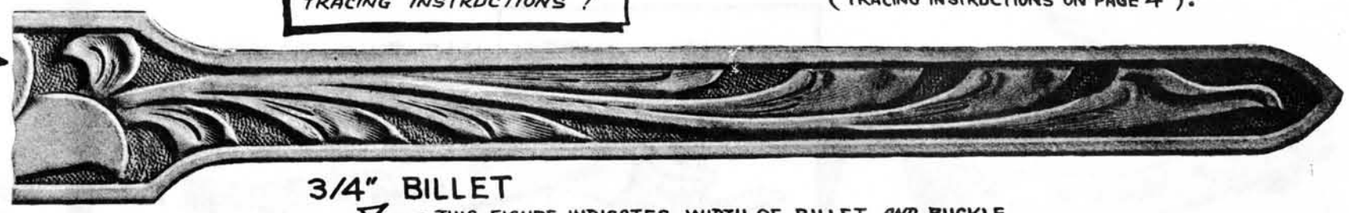
THIS IS A: **TRACING PATTERN...** IT IS A "REPEAT" SECTION OF THE DESIGN, AND CAN BE USED ON *ANY* LENGTH BELT. (TRACING INSTRUCTIONS ON PAGE 4).

Remember... TOOLS CAN BE USED IN ANY SEQUENCE, OR SUBSTITUTED. SEE PAGE 5 ABOUT BEVELING THE BORDER LINES.

SEE PAGE 4 FOR TRACING INSTRUCTIONS!

THIS IS A: **BILLET PATTERN** ... IT IS PRESENTED THRU-OUT THE BOOK IN DIFFERENT WIDTHS ...AND THE SAME BILLET MAY AT TIMES BE USED WITH DIFFERENT BELT PATTERNS. AT SUCH TIMES, IT WILL BE SO INDICATED.

IT CAN BE CARVED WITH OR WITHOUT BORDERS TO MATCH THE BELT.



3/4" BILLET

THIS FIGURE INDICATES WIDTH OF BILLET *AND* BUCKLE.

HOW TO LENGTHEN A BELT

A BELT CAN USUALLY BE LENGTHENED FROM ONE TO TWO INCHES... (SOMETIMES MORE)... DEPENDING ON THE LEATHER.



① TO LENGTHEN A BELT... FIRST MARK THE CORRECT WAIST SIZE OUT ON YOUR BENCH, AS SHOWN ABOVE. REMOVE THE BUCKLE AND KEEPER, AND HOLD BELT UNDERWATER FOR ABOUT ONE MINUTE TO ALLOW THE MOISTURE TO PENETRATE THE FIBRES.

② NEXT... REMOVE BELT, WIPE OFF EXCESS WATER AND PLACE ON BENCH. DRIVE A TACK (OR NAIL) THRU CENTER HOLE OF THE BILLET INTO MARK ON BENCH. (SEE TACK No. 1 IN SKETCH)

③ PLACE TACK No. 2 IN LAST HOLE OF BILLET.

④ CAREFULLY PULL ON BUCKLE END, UNTIL BELT HAS STRETCHED TO THE CORRECT WAIST SIZE. DRIVE TACK No. 3 IN END OF BUCKLE SLOT AS ILLUSTRATED.

⑤ ALLOW BELT TO THOROUGHLY DRY IN THIS POSITION BEFORE REMOVING TACKS.

WHEN DRY — APPLY LEATHER DRESSING.

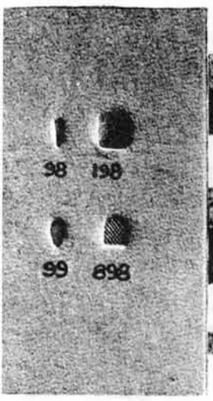
"RUFF-OUT" DESIGNS (CARVED IN FLESH SIDE)

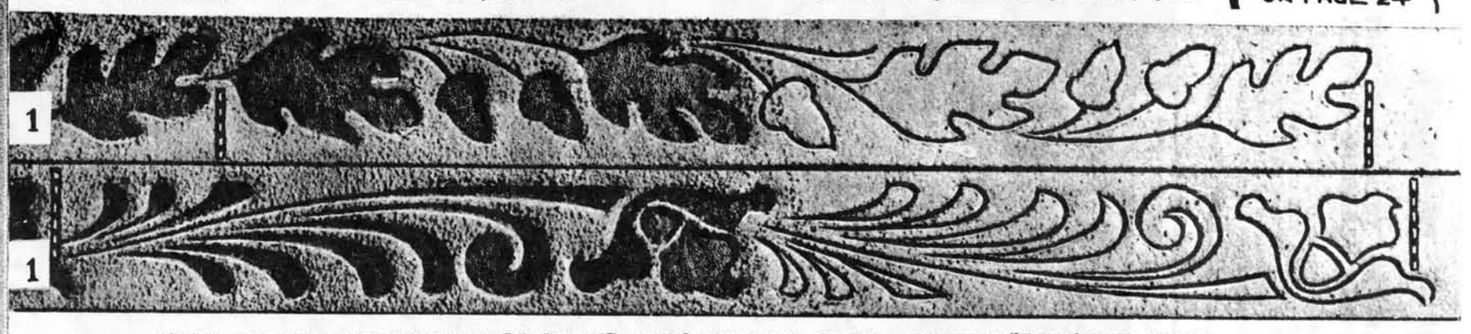
MAKE TRACINGS FROM PHOTOS BELOW

THIS HALF OF DESIGN SHOWN STAMPED & SANDED

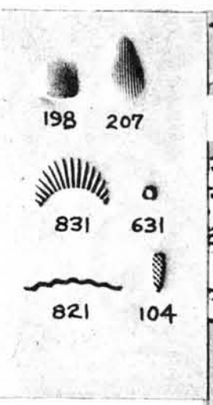
THIS HALF OF DESIGN SHOWN CUT ONLY

HOW TO CARVE "RUFF-OUTS" ON PAGE 24

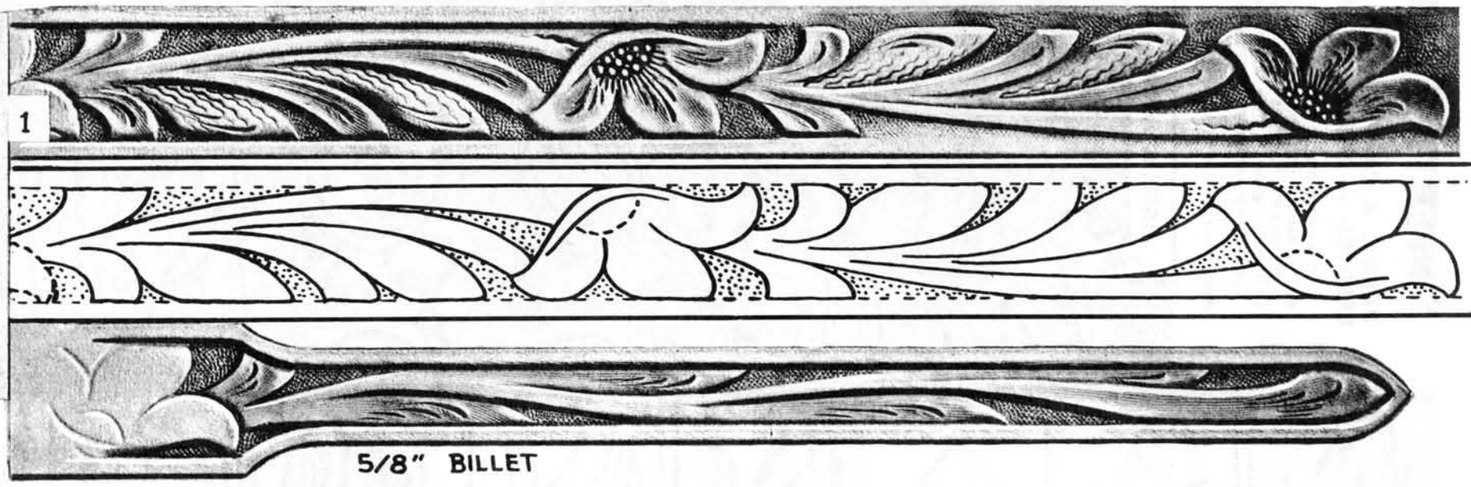




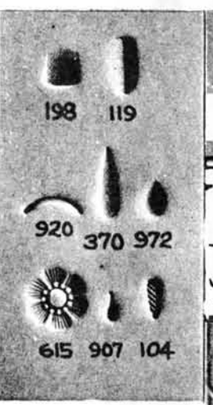
NOTE: DESIGNS SHOWN BETWEEN DOTTED LINES ON BELTS ABOVE.... INDICATE "REPEAT" SECTIONS.



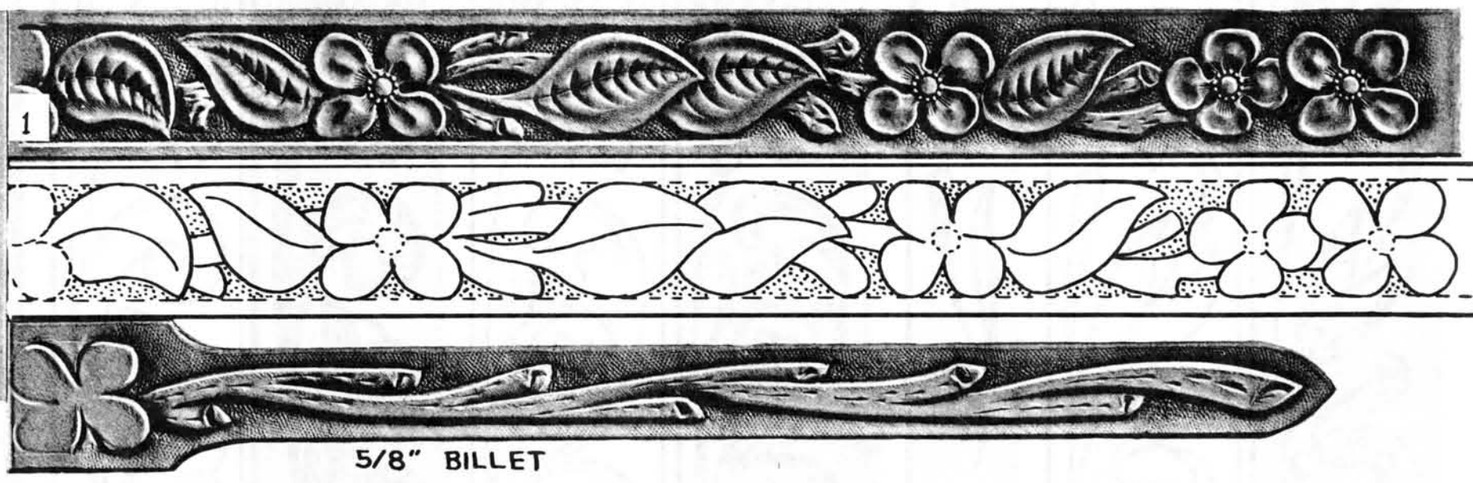
POPPY



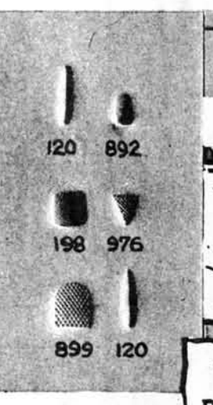
5/8" BILLET



LITTLE BLOSSOM

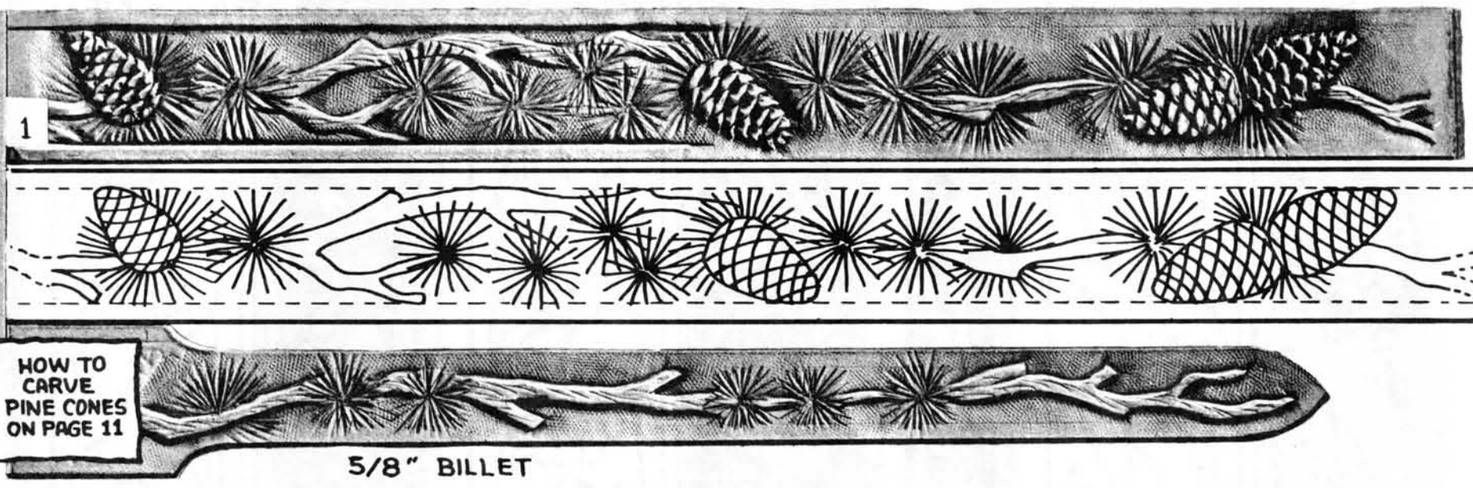


5/8" BILLET

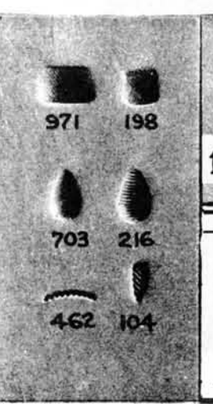


PINE CONE

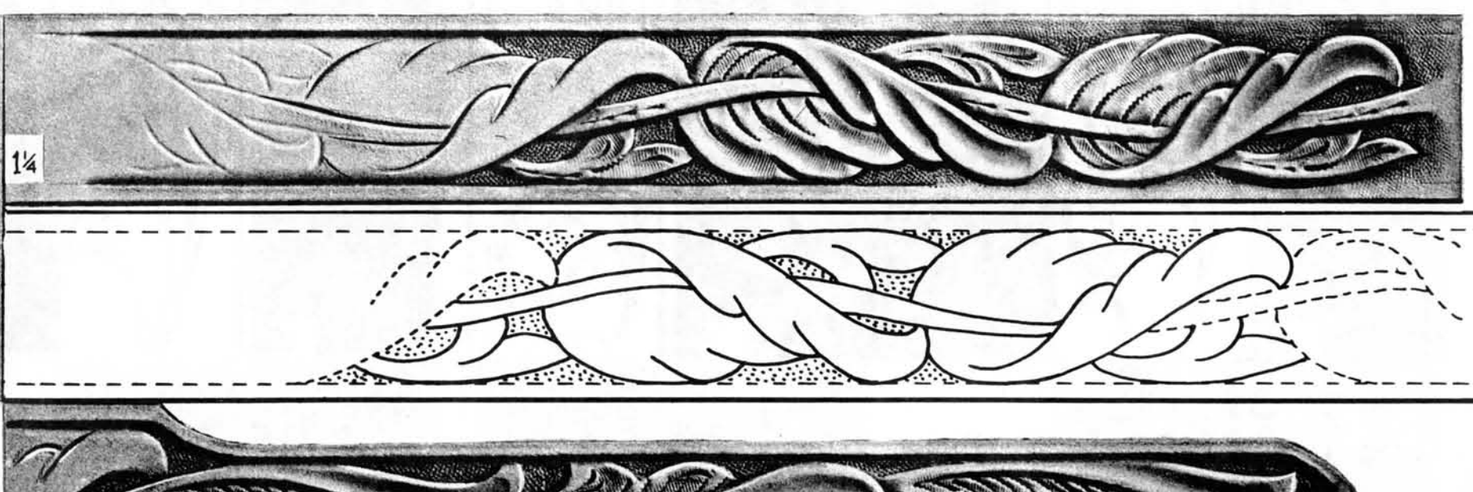
HOW TO CARVE PINE CONES ON PAGE 11



5/8" BILLET



LEAVES



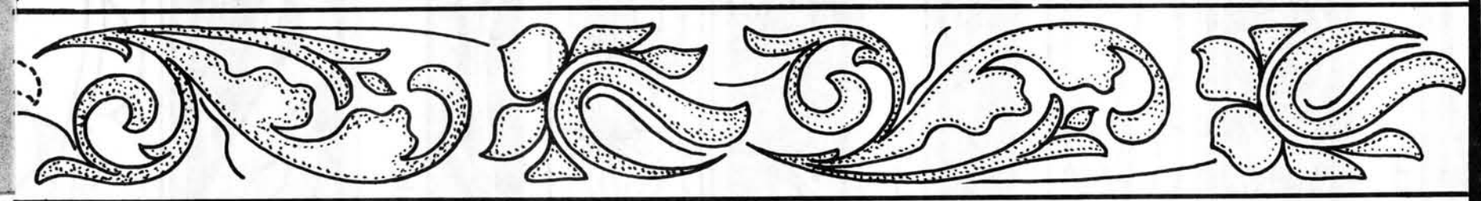
3/4" BILLET

98 198 936

462 974 864

633 632 631







INVERTED DESIGNS

3/4" BILLET —USE ON PATTERNS ABOVE AND BELOW

98 198 936

864 633

632 631 931

431 971

701 462

973 721

INVERTED POPPY

3/4" BILLET

"INVERTED" CARVING DESIGNS

HERE'S A CARVING AND STAMPING TECHNIQUE THAT CREATES A DIFFERENT AND MOST PLEASING EFFECT.

IT DIFFERS FROM REGULAR STAMPING METHODS IN THAT THE BACKGROUND REMAINS UNTOUCHED... AND THE DESIGN ITSELF IS STAMPED "DOWN"—OR INVERTED FROM THE USUAL "RAISED" EFFECTS. SIMPLY CUT THE LINES WITH THE SWIVEL KNIFE AND FOLLOW THE INSTRUCTIONS BELOW FOR STAMPING THE DESIGNS.

HAVE FUN WITH COLOR – TRY TINTING THE LEAVES AND FLOWERS!

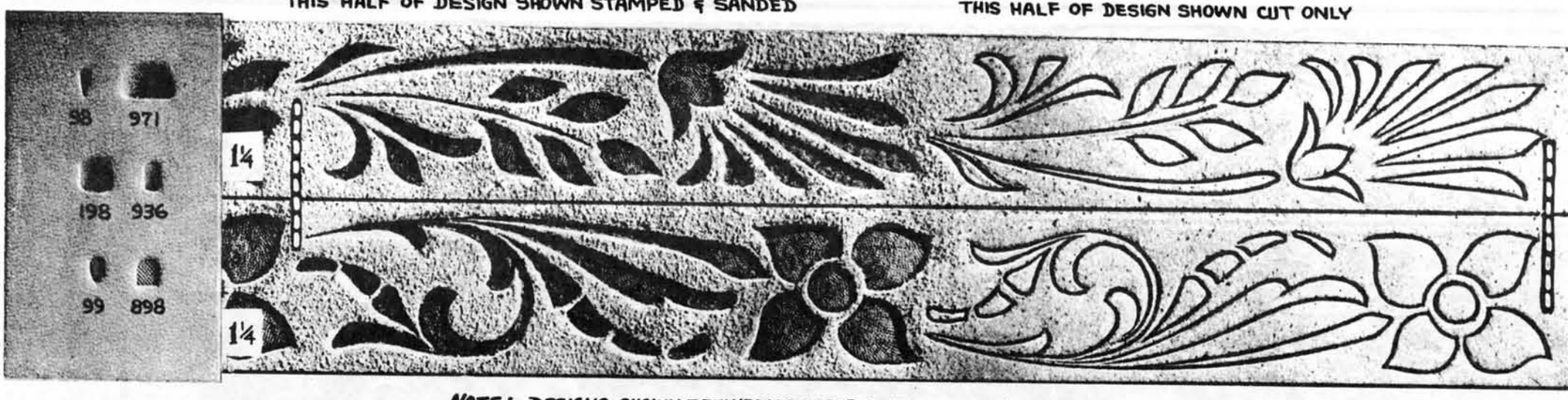
HERE'S HOW TO CARVE THEM !

"RUFF-OUT" DESIGNS (CARVED IN FLESH SIDE)

THIS HALF OF DESIGN SHOWN STAMPED & SANDED

MAKE TRACINGS FROM PHOTOS BELOW

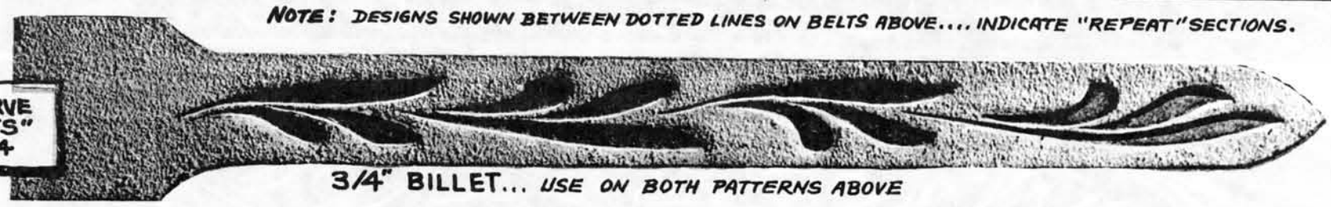
THIS HALF OF DESIGN SHOWN CUT ONLY



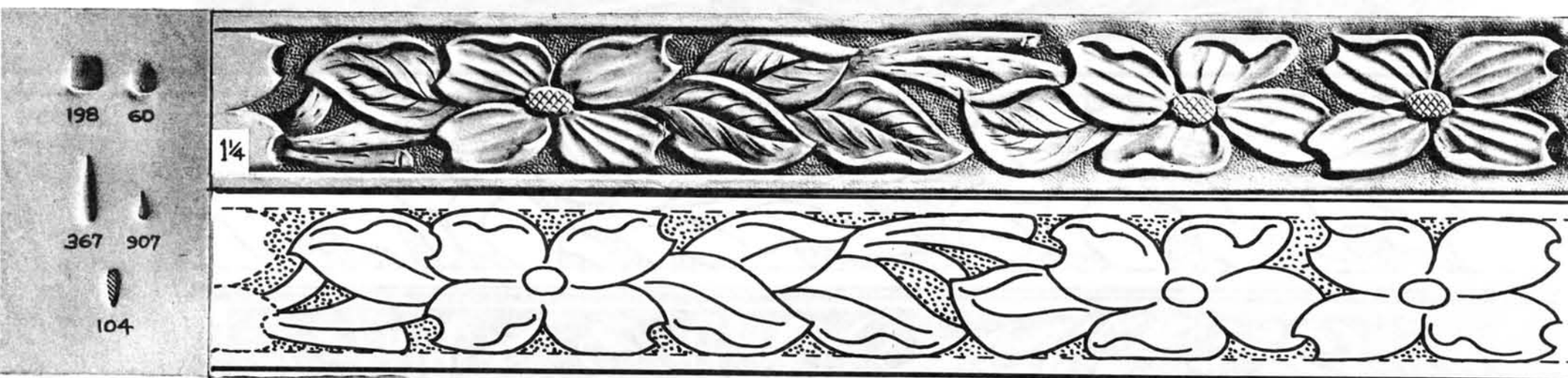
"RUFF-OUT" DESIGNS

HOW TO CARVE "RUFF-OUTS" ON PAGE 24

NOTE: DESIGNS SHOWN BETWEEN DOTTED LINES ON BELTS ABOVE.... INDICATE "REPEAT" SECTIONS.



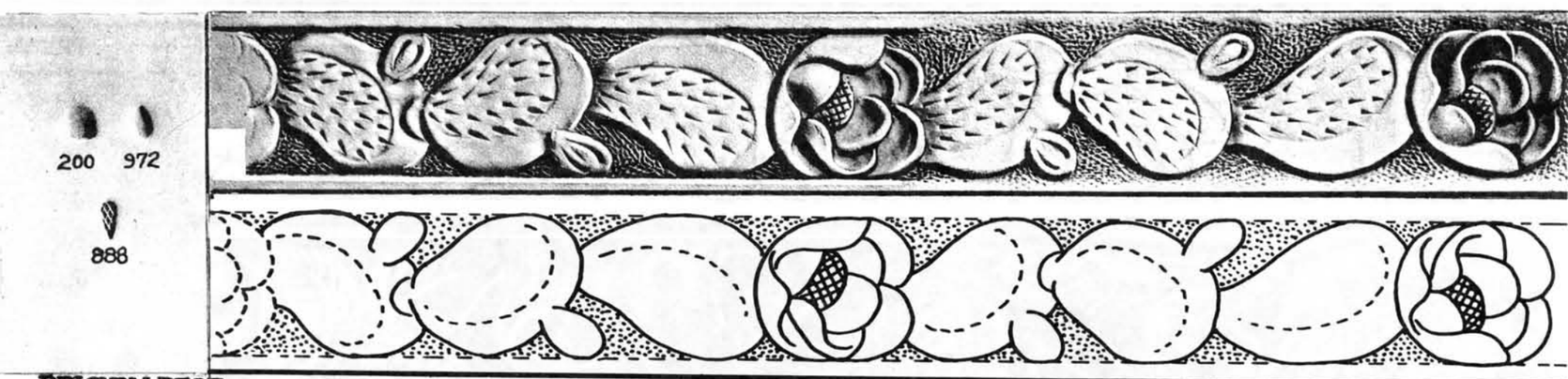
3/4" BILLET... USE ON BOTH PATTERNS ABOVE



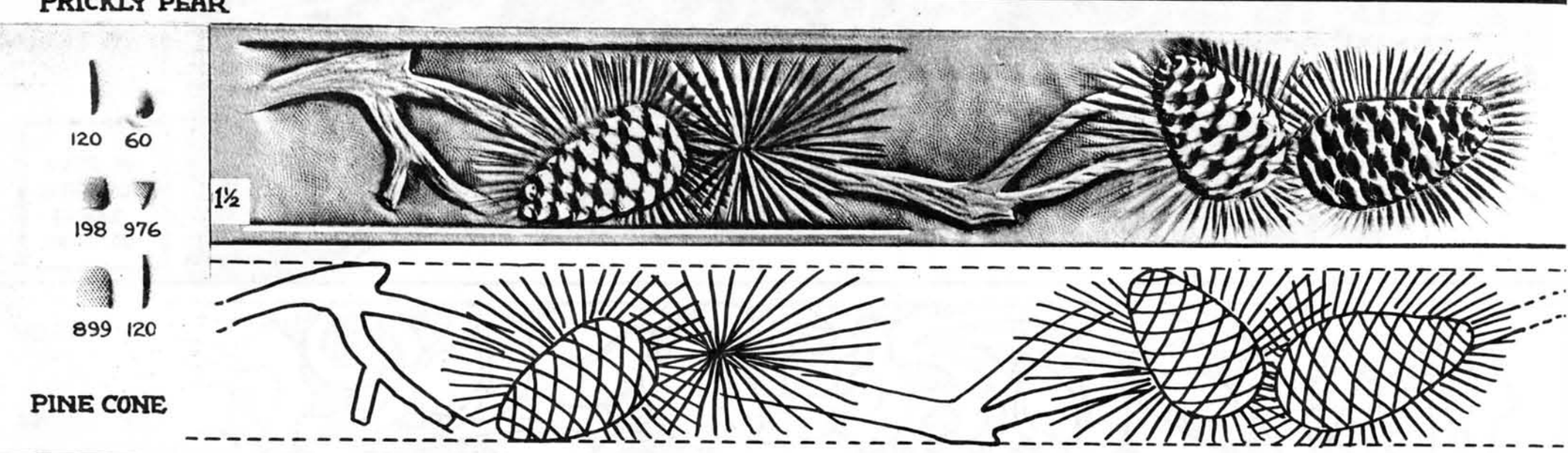
DOGWOOD



3/4" BILLET

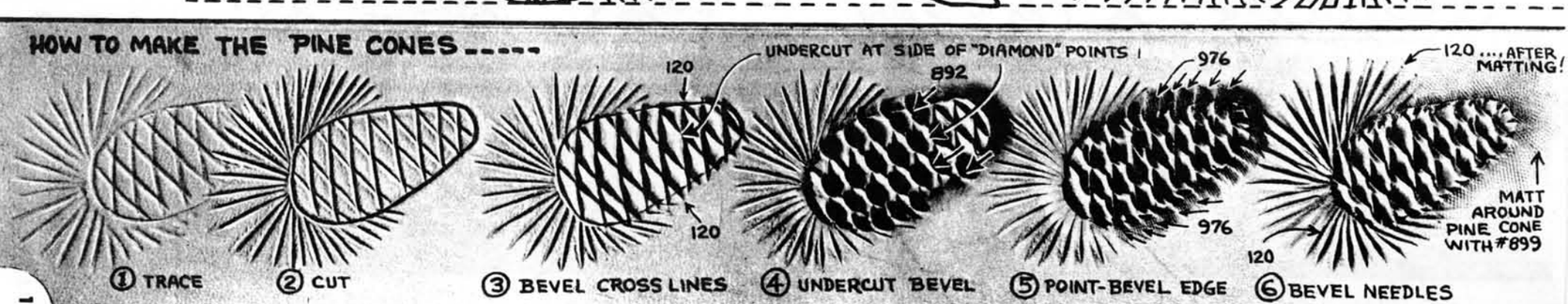


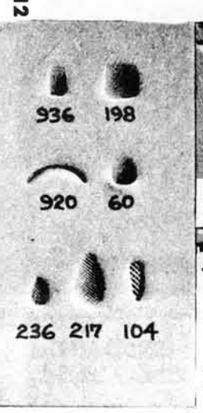
PRICKLY PEAR



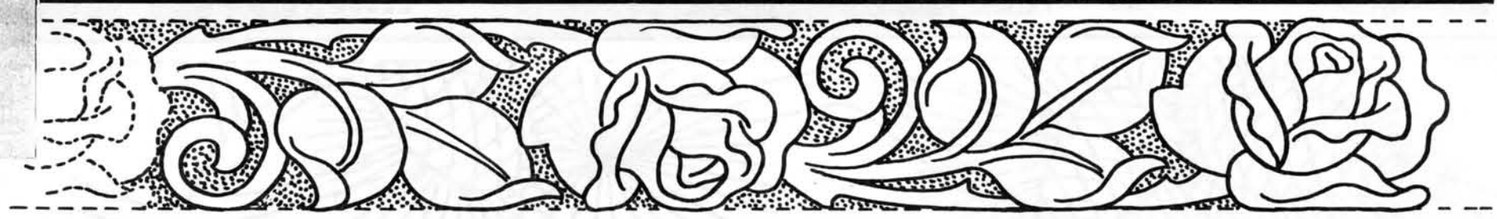
PINE CONE

HOW TO MAKE THE PINE CONES -----







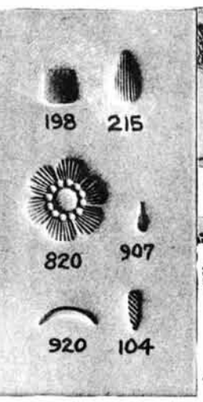


ROSE

HOW TO CARVE ROSES ON PAGE 14



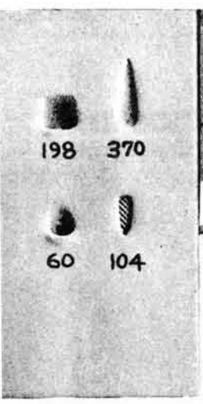
1" BILLET .... USE ON ROSE AND WILD ROSE DESIGNS



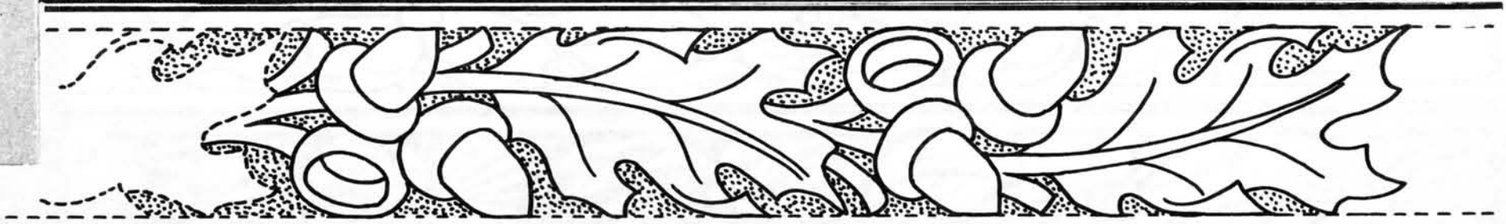




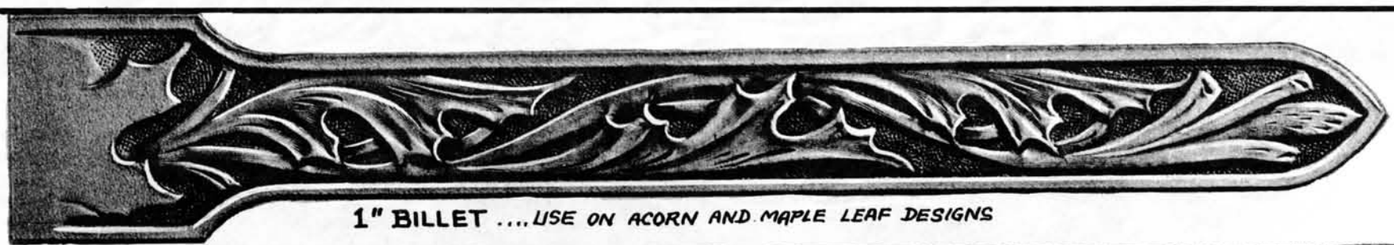
WILD ROSE



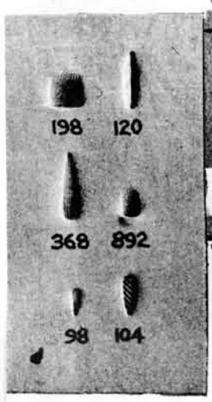




ACORN



1" BILLET .... USE ON ACORN AND MAPLE LEAF DESIGNS





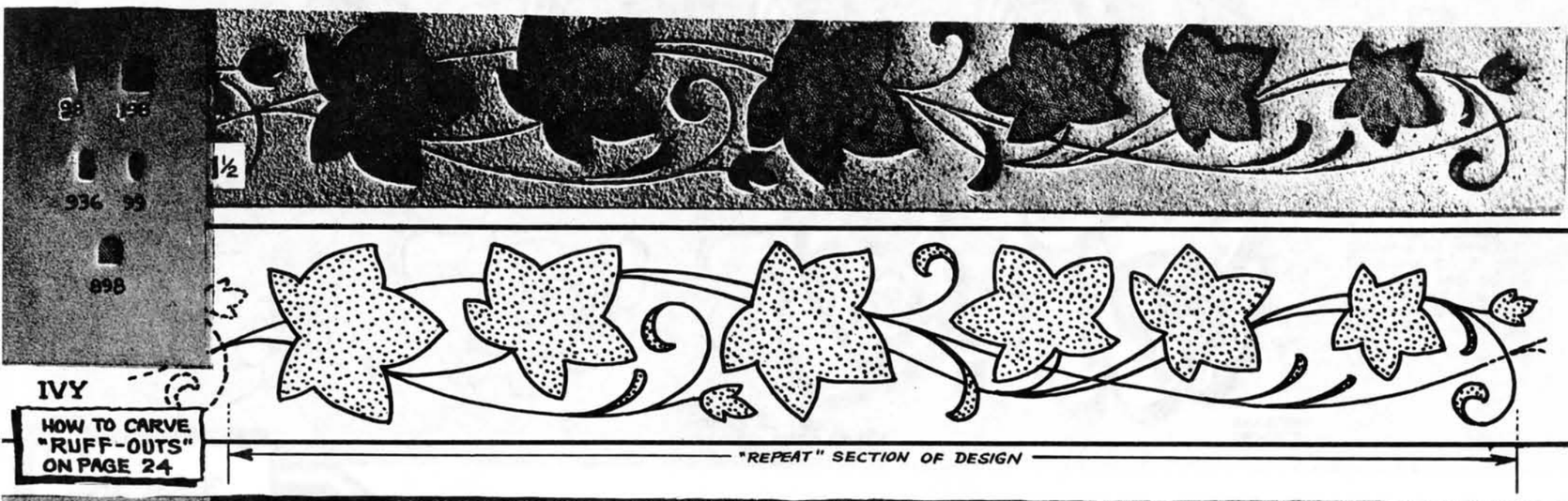


MAPLE LEAF

"RUFF-OUT" DESIGN (CARVED IN FLESH SIDE)

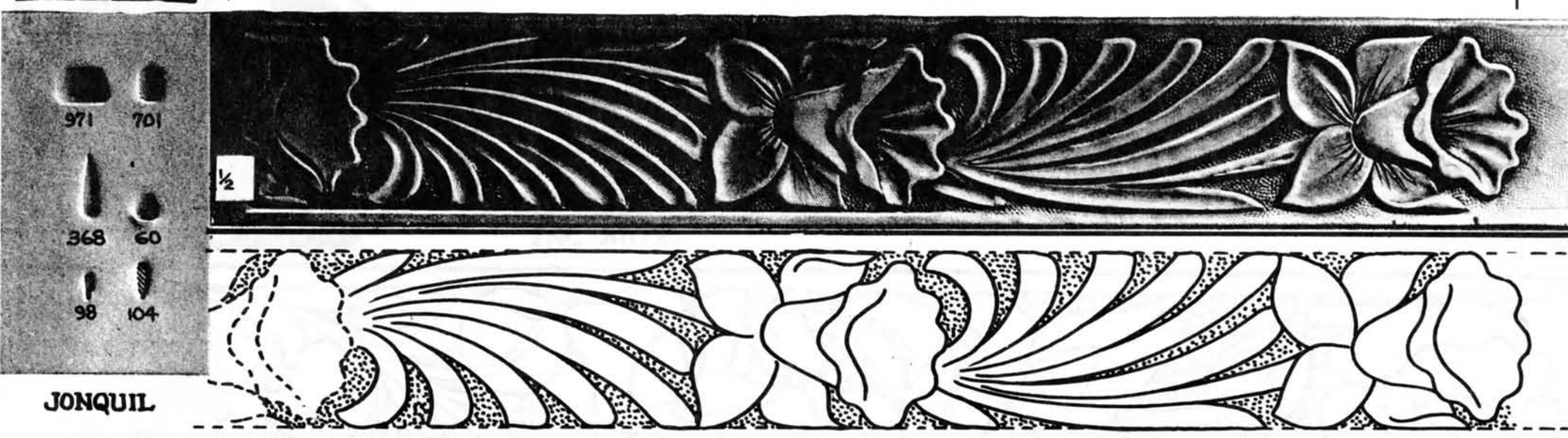
THIS HALF OF DESIGN SHOWN STAMPED AND SANDED

THIS HALF OF DESIGN SHOWN STAMPED — *BEFORE SANDING*

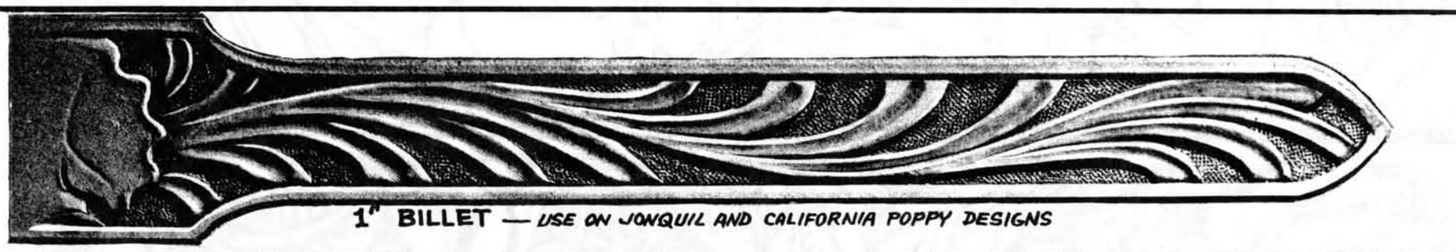


IVY

HOW TO CARVE "RUFF-OUTS" ON PAGE 24



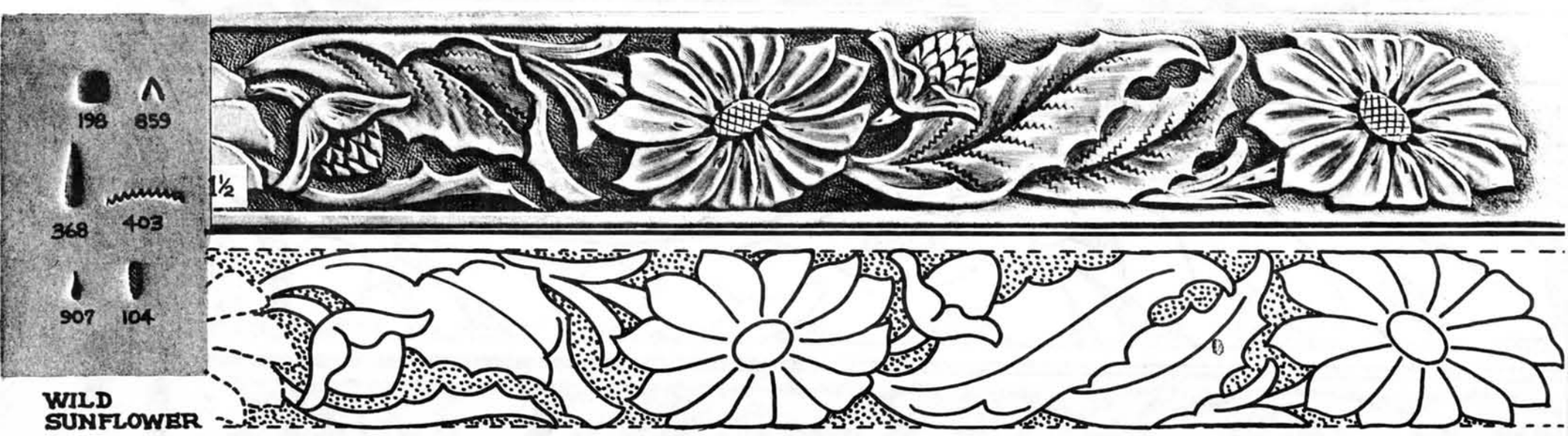
JONQUIL



1" BILLET — *USE ON JONQUIL AND CALIFORNIA POPPY DESIGNS*



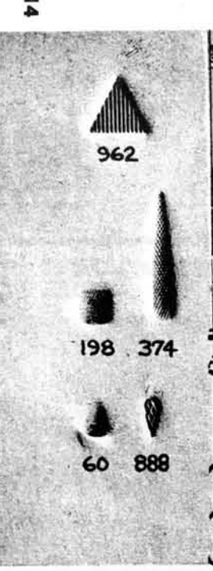
CALIFORNIA POPPY

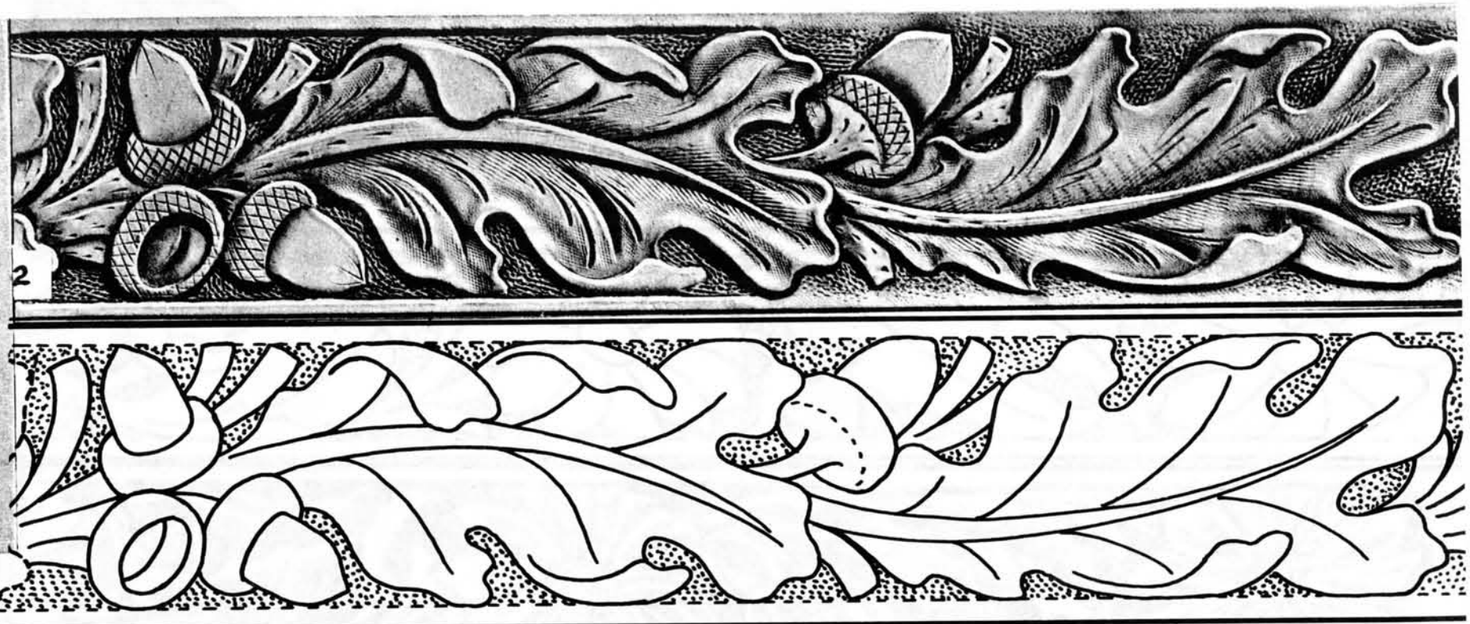


WILD SUNFLOWER



1" BILLET





ACORN

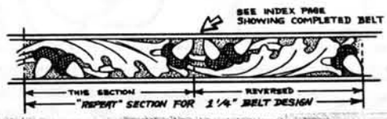
1¼" BILLET

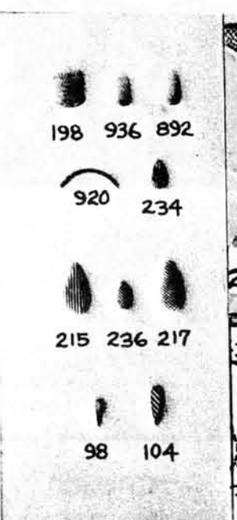
★ SEE PAGE 12 FOR 1½" ACORN BELT PATTERN



SPECIAL NOTE . . . . .

. . . . BY TAKING THIS SECTION OF THE BILLET . . . AND REVERSING IT . . . A HANDSOME 1¼" BELT PATTERN CAN BE MADE AS SHOWN IN SKETCH AT RIGHT.







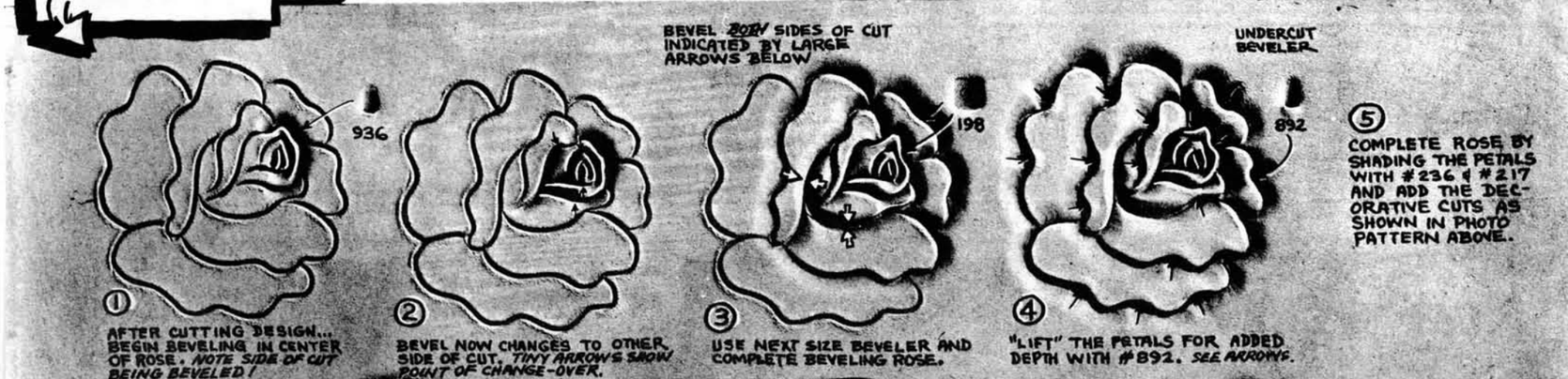
ROSE

1¼" BILLET

★ SEE PAGE 12 FOR OTHER ROSE BELTS



HOW TO CARVE THE ROSE



① AFTER CUTTING DESIGN . . . BEGIN BEVELING IN CENTER OF ROSE. *NOTE SIDE OF CUT BEING BEVELED!*

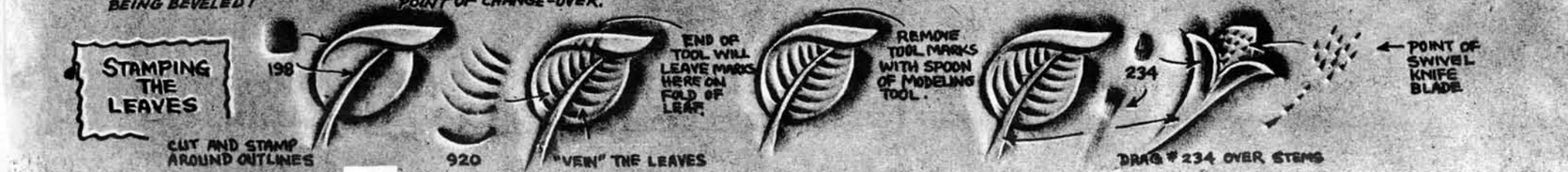
② BEVEL NOW CHANGES TO OTHER SIDE OF CUT. *TINY ARROWS SHOW POINT OF CHANGE-OVER.*

③ USE NEXT SIZE BEVELER AND COMPLETE BEVELING ROSE.

④ "LIFT" THE PETALS FOR ADDED DEPTH WITH #892. *SEE ARROWS.*

⑤ COMPLETE ROSE BY SHADING THE PETALS WITH #236 & #217 AND ADD THE DECORATIVE CUTS AS SHOWN IN PHOTO PATTERN ABOVE.

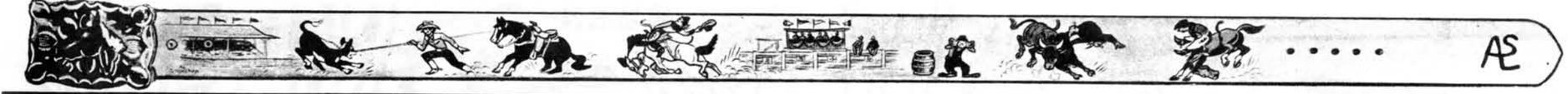
STAMPING THE LEAVES



CUT AND STAMP AROUND OUTLINES

"VEIN" THE LEAVES

DRAG #234 OVER STEMS



AE

the "RODEO"

2" TROPHY STYLE BELT

FEATURING FAVORITE EVENTS OF THE RODEO IN *EASY-TO-CARVE* CARTOON FORM. NO BEVELING OR STAMPING IS REQUIRED, UNLESS DESIRED.

SIMPLY TRACE THE LINES OF THE DESIGNS TO THE LEATHER AND CUT WITH THE SWIVEL KNIFE. CUT THE FINE LINES LIGHTLY. USE THE 1/4" ANGLE BLADE FOR CUTTING TINY DETAILS. "PERSONALIZE" YOUR BELTS WITH NAMES, INITIALS OR BRANDS. COLOR THE FIGURES AS SUGGESTED... OR WITH COLORS OF YOUR CHOICE.

CALF ROPING

DYE CATTLE REDISH-BROWN. WHITE FACES, MANES, TAILS, BELLIES AND INSIDE LEGS. EYES BLACK OR DARK BROWN.

COWBOYS SHIRTS AND BOOTS BRIGHT COLORS... PANTS BLUE. HATS CAN BE ANY COLOR.

FLESH TONES... USE STYLECRAFT LIGHT BROWN DRESSING.

CUT LINES WITH STRAIGHT EDGE

BAREBACK BRONC RIDING

SADDLE BRONC RIDING

TEAM ROPING

DYE HORSES ANY COLOR DESIRED.
BAY: REDISH-BROWN -- BLACK MANES, TAILS, AND LOWER LEGS.
SORREL: REDISH-TAN
BUCKSKIN: YELLOWISH-TAN -- BLACK MANE, TAIL, LOWER LEGS.
FOLLOW COLOR-PRINTS IN MAGAZINES AS GUIDES FOR COLORING HORSES.

BULL RIDING

CLOWN:
BROWN HAT - SHOES
WHITE FACE - RED NOSE & SHIRT
YELLOW GLOVES
BLUE PANTS
BROWN BARREL

DYE BRAHMA BULL GRAY WITH MEDIUM BROWN HEAD AND SHOULDERS - ALSO HUMP.

STEER ROPING

STEER WRESTLING

STUDY THE PHOTOS AT RIGHT TO NOTE HOW THE COLORS ADD CONTRAST AND BRING OUT THE DESIGNS. EXPERIMENT WITH YOUR OWN COLOR COMBINATIONS.

WILD COW MILKING

TRICK RIDING

ANNOUNCING STAND - BUCKING CHUTES

USE BUCKING — CHUTES AND THE GRAND STAND AS FILL-INS.... AS ILLUSTRATED ON BELT AT TOP OF PAGE.

GRAND STAND

SHOWN BELOW... A FEW OF THE DESIGNS HAVE BEEN CUT AND DYED TO SHOW THE DIFFERENT EFFECTS.

TO SIMULATE PEOPLE IN GRAND STAND... USE #102½ OR SIMILAR TOOL, AS SHOWN.

TAP LIGHTLY

102½

CREATE SHADOW EFFECT ON "PEOPLE" WITH LIGHT BROWN OR GRAY.

TRY THE MULTITONE, ANTIQUE AND COLORING METHODS DESCRIBED ON PAGE 21 ON YOUR RODEO BELTS!

CUT

CUT AND DYED

Carving the FIGURE BELTS

FOLLOW THE INSTRUCTIONS OUTLINED ON THESE PAGES FOR CARVING AND STAMPING THE FIGURE DESIGNS FOR 1¾" OR 2" BELTS. MAKE THE TRACINGS AS ACCURATELY AS POSSIBLE AND CUT THE LINES CAREFULLY. USE THE PHOTOS AS YOUR STAMPING & MODELING GUIDES.

BELOW.... BACKGROUND SECTIONS ARE SHOWN. ADD OR SUBTRACT ANY NUMBER OF TREES, AS DESIRED. SELECT THE FIGURES OF YOUR CHOICE FROM PAGES 17 AND 18 AND ADD TO THE BACKGROUNDS. COMPLETE MAKING THE TRACING PATTERNS *(IN SECTIONS)* THE FULL LENGTH OF YOUR BELT.... ADDING THE FIGURES...BEFORE CARVING THE LEATHER. AFTER CARVING... DYE THEM, IF DESIRED, FOR MORE REALISTIC EFFECTS.

BELTS AT TOP OF OPPOSITE PAGE ILLUSTRATE A FEW SUGGESTIONS!



USE THE SMALL BLADE FOR CUTTING THE TINY DETAILS AND FIGURE OUTLINES. THE ANGLE OF THE BLADE PERMITS TIGHTER TURNS AND BETTER VISION. PRACTICE WITH THIS BLADE TO MASTER FINE CUTTING... *KEEP IT SHARP!*

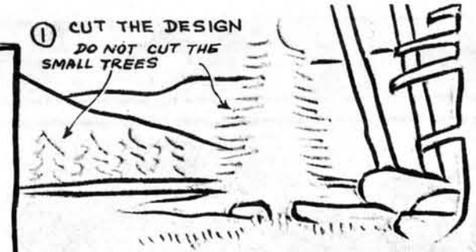


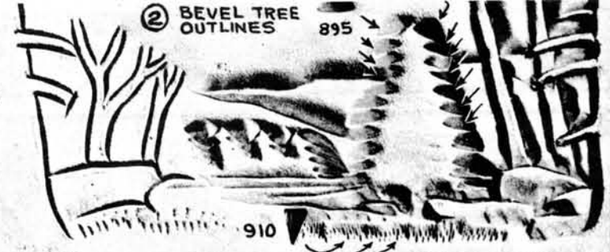
No. 3 MODELING TOOL

THE MODELING TOOL IS INDISPENSABLE IN FIGURE CARVING. THE STYLUS IS USED FOR TRACING THE DESIGNS TO TRANSFER THEM TO THE LEATHER. IT IS ALSO USED FOR MAKING PUPILS OF SMALL BIRD AND FISH EYES, ETC.

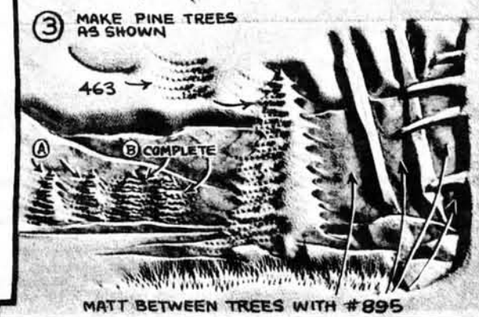
THE SPOON IS USED FOR MODELING THE CONTOURS, FACIAL EXPRESSIONS, ROUNDING BEVELED EDGES, SMOOTHING THE ROUGH BEVELING MARKS, ETC.

USE THE MODELER AS A "TOUCH-UP" TOOL FOR ADDING THE FINAL DETAILS. *PRACTICE... AND LEARN THE MANY WAYS YOU CAN USE THE MODELER!*

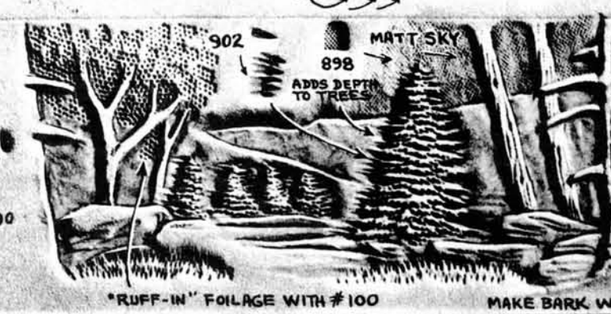




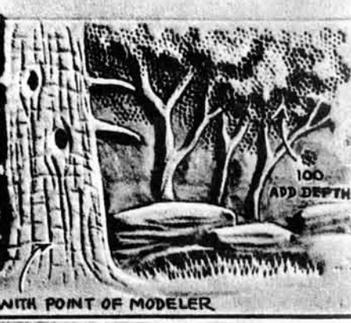




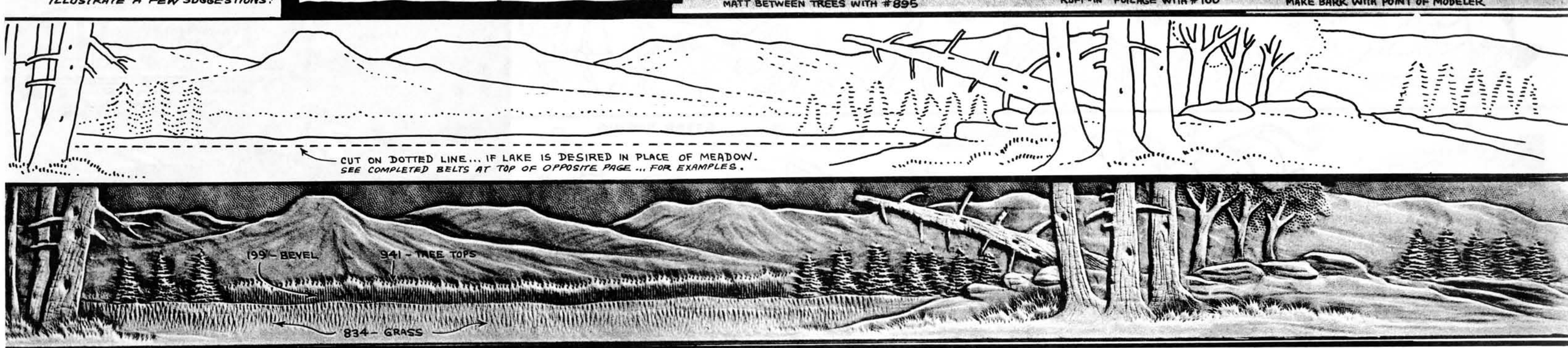
MATT BETWEEN TREES WITH #895

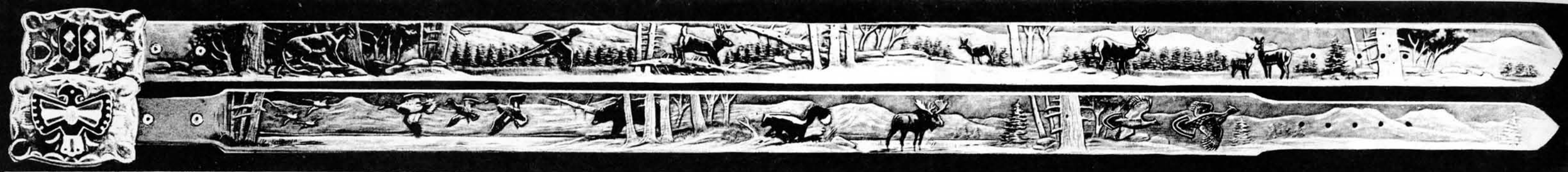


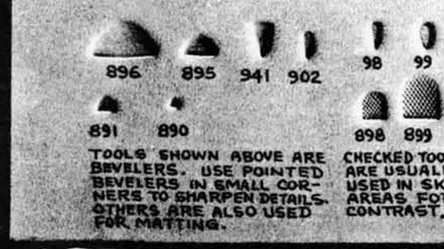
"RUFF-IN" FOLIAGE WITH #100



MAKE BARK WITH POINT OF MODELER







TOOLS SHOWN ABOVE ARE BEVELERS. USE POINTED BEVELERS IN SMALL CORNERS TO SHARPEN DETAILS. OTHERS ARE ALSO USED FOR MATTING.

CHECKED TOOLS ARE USUALLY USED IN SKY AREAS FOR CONTRAST.



VEINERS ARE USED FOR MAKING FEATHERS ON SMALL BIRDS. #463 ALSO USED ON SMALL PINE TREES.



USE FOR SMALL EYES ON BIRDS.



#199 & #425 ARE USED FOR "HAIR" EFFECTS ON THE ANIMALS



TOOLS ABOVE ARE USED TO MAKE GRASS TREE FOILAGE AND BUSHES.

FIGURE CARVING TOOLS

THE BELTS ABOVE ARE SHOWN TO ILLUSTRATE HOW THE FIGURES AND BACKGROUNDS CAN BE USED TO MAKE SCENIC BELT DESIGNS

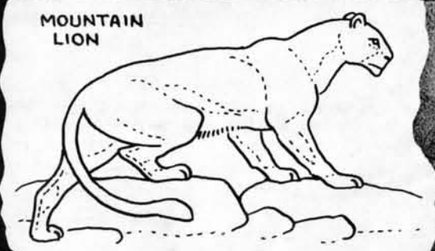
STUDY THE PHOTOS BELOW... AND ON PAGE 18. THEY ARE PRESENTED TO AID YOU IN CARVING, STAMPING, AND DYEING YOUR FIGURES. NOTE HOW #199 *(LINED BEVELER)* IS USED TO MAKE THE "HAIR" ON THE MOUNTAIN LION BELOW...SKUNK, RABBIT, AND FOX ON PAGE 18. HOLD TOOL IN THE FINGERS AND PULL OVER FIGURES IN SHORT, UNEVEN STROKES AS SHOWN. SHAGGY MANE ON MOOSE IS MADE WITH LIGHT KNIFE CUTS. HAIR ON BEAR *(PAGE 18)* IS CREATED WITH CAMOUFLAGE TOOL #425.

NOTE HOW TINY BEVELER #890 IS USED AROUND ANTLERS OF DEER AND MOOSE...AND BETWEEN DEER'S LEGS AND HARD-TO-GET-AT PLACES. USE THIS TOOL CAREFULLY.

VEINER #746 IS TAPPED LIGHTLY ON BIRDS' OUTER WING FEATHERS FOR TEXTURE. USE #744 FOR UNDER-WING FEATHERS. CREATE BODY FEATHERS WITH 463-STAMP IMPRESSIONS LIGHTLY AND VERY CLOSE TOGETHER.

USE CARE.... STUDY THE PHOTOS THOROUGHLY.... PRACTICE, AND YOU, TOO, CAN DO A GOOD JOB OF FIGURE CARVING!

MOUNTAIN LION





WHITE-TAIL DEER



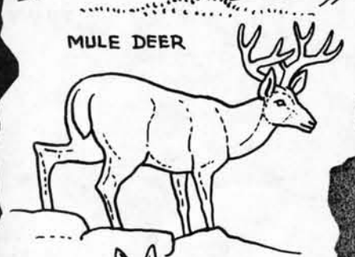
NOTE: TO FACE ANIMALS IN THE OPPOSITE DIRECTION... REVERSE TRACINGS

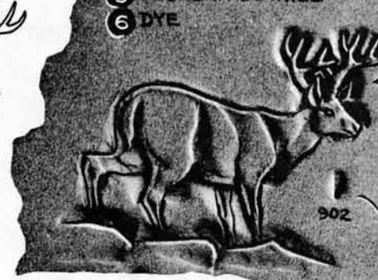
1. CUT LINES CAREFULLY
2. LIGHT BEVEL MUSCLES
3. BEVEL OUTLINES
4. MATT AROUND FIGURE
5. MODEL IN DETAILS
6. DYE



ANIMALS SHOWN HERE HAVE BEEN DYED IN VARYING SHADES OF BROWN.

MULE DEER



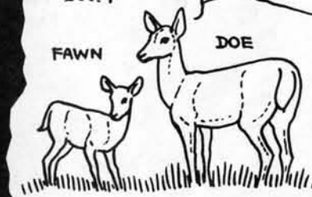


NOTE HOW TOOLS #890 AND #902 HAVE BEEN USED AROUND THE ANTLERS.

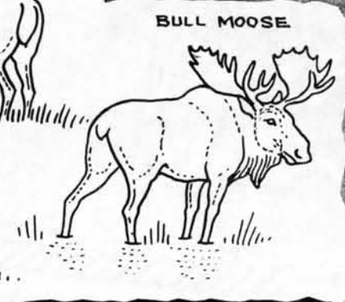


FAWN

DOE



BULL MOOSE

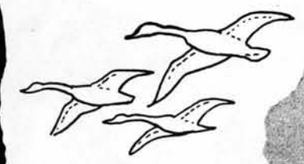


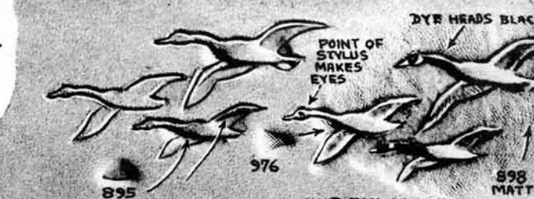
DOE





CANADA GEESE





MALLARD DUCKS





RUFFED GROUSE



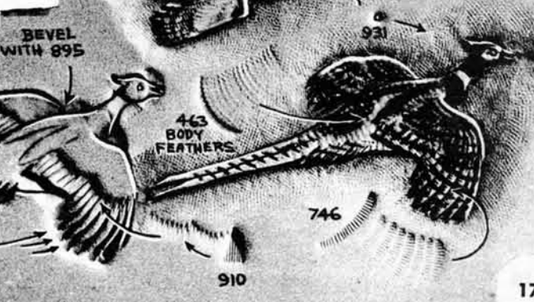


COLORING SUGGESTIONS:

USE COLOR PRINTS IN MAGAZINES AND BOOKS...AS GUIDES FOR YOUR COLORING.

RING-NECKED PHEASANT





OTHER SMALL BELT FIGURES ARE SHOWN ON PAGE 17

DO NOT CUT DOTTED LINES ON TRACINGS

FIGURE CARVING (CONTINUED)

CUTTING PATTERNS AND TRACING PATTERNS FOR THIS BELT ON PAGE 28



BEAR

"RUFF-BEVEL MUSCLES AND CONTOURS WITH # 895

895

MATT AROUND FIGURES WITH # 896

896

USE IN EAR

890

425

USE # 425 TO MAKE "HAIR" ON BEAR, AS SHOWN. TAP TOOL LIGHTLY.

941

MAKE SHAGGY HAIRS WITH # 941

SKUNK

DO NOT CUT DOTTED LINES SHOWN ON TRACING.

KNIFE CUTS FOR TAIL HAIR

"RUFF-BEVEL" WITH # 891 AND # 895.

902

SKUNK DYED BLACK

RABBIT

902

941

895

199 "HAIR"

SQUIRREL

KNIFE CUTS

890

891

902

890

891

902

"RUFF-BEVEL" CONTOURS

895

902

896 -MATT

902

199 "HAIR"

891 BEVEL CACTUS

941

890

941

896 MATT

895

910

888

902

895

YUCCA PLANT

899 MATT

895

896 MATT AROUND FIGURES

DO NOT CUT DOTTED LINES SHOWN ON TRACING PATTERN

① CUT THE DESIGN

② "RUFF-BEVEL" CONTOURS AND MUSCLES WITH # 895, AS SHOWN BELOW.

98

98

895

98

910

BEGIN BUSHES AS SHOWN AT LEFT.

③ MATT AROUND FIGURES

898

899

890

896

895

896 MATT AROUND FIGURES

888

959

STAMPING ROPE EDGE ON BELT. BEGIN STAMPING AS SHOWN AT LEFT.

TRACING PATTERN - FOX BELT ON PAGE 30

SEE PAGE 28 FOR PHOTO OF DYED HORSES ON BELT

98 976 890

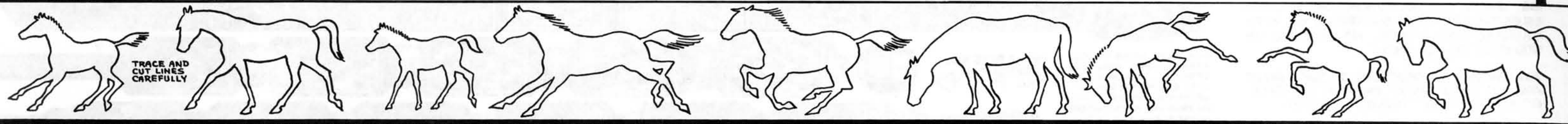
936 99 898

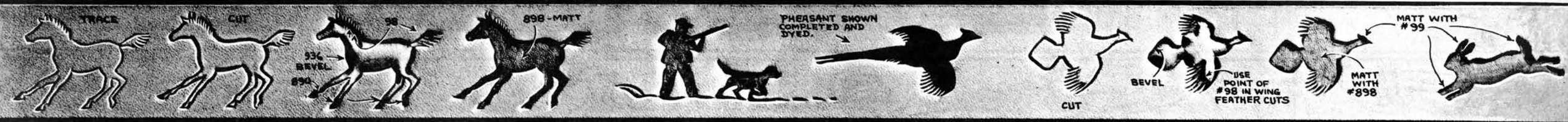


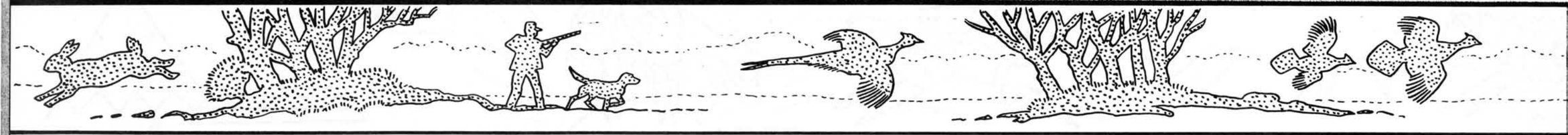
SILHOUETTE Figure Carving

THIS TYPE OF FIGURE CARVING ENABLES EVEN THE LEAST EXPERIENCED CRAFTSMAN TO SUCCESSFULLY CARVE AND STAMP FIGURE BELTS. USE THE ¼" ANGLE BLADE FOR TINY DETAIL CUTTING... AND SIMPLY BEVEL AND MATT THE FIGURES DOWN *INSIDE* THE CUTTING LINES. A FEW OF THE FIGURES AND TREES ARE SHOWN IN VARIOUS STAGES OF COMPLETION BELOW. STUDY THE PHOTOS!

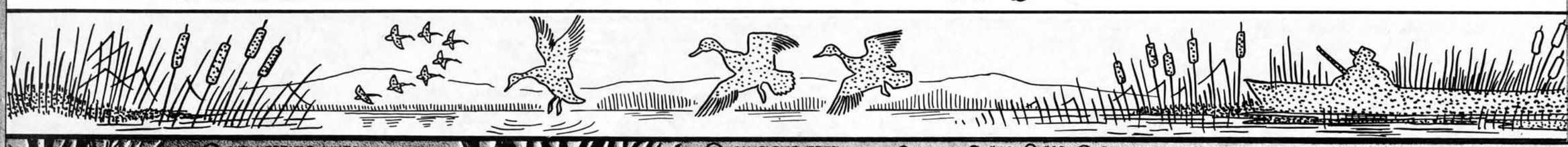
AFTER STAMPING DESIGNS.... APPLY DARK BROWN ANTIQUE DRESSING OVER ENTIRE SURFACE, WORKING WELL INTO ALL DEPRESSIONS TO MAKE THE SILHOUETTES STAND OUT CLEARLY. WIPE OFF EXCESS. THE HORSE BELT AT LEFT WAS DYED BLACK-HORSES WHITE. *TRY COLORS ON YOUR BELTS!*

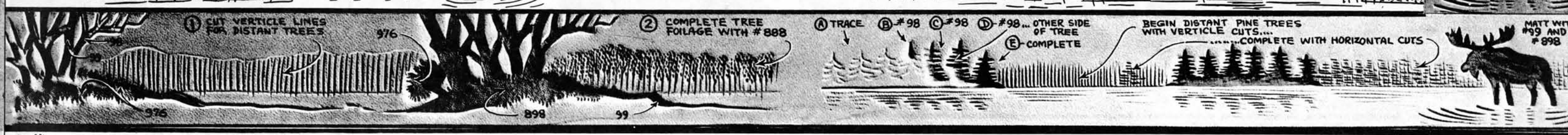


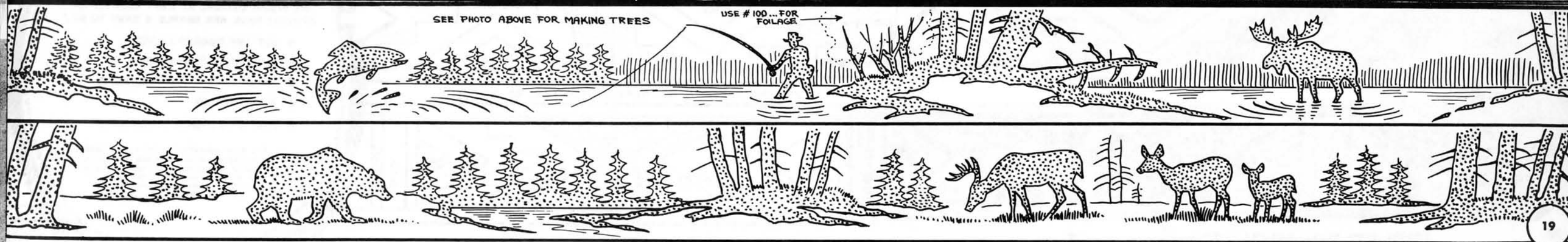












INDIAN ⇨⇨ DESIGNS

FEATURING MULTITONE ANTIQUE & COLORING METHODS (SEE OPPOSITE PAGE)

SEE INDEX PAGE FOR PHOTOS OF ALL COMPLETED BELTS.

THE SYMBOLIC INDIAN FIGURE DESIGNS.... SHOWN BELOW... ARE DESIGNED FOR EASY CARVING. SIMPLY CUT THE TRACING LINES.... AND COLOR THE FIGURES AS SUGGESTED, OR WITH COLORS OF YOUR CHOICE. NO BEVELING OR STAMPING IS REQUIRED!

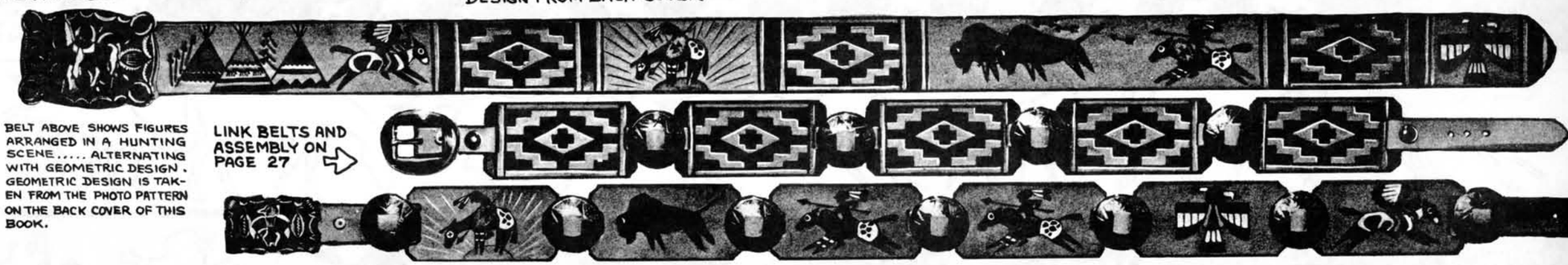
FOLLOW THE INSTRUCTIONS ON THESE PAGES AND YOU WILL ENJOY THE FUN AND EASE OF MAKING THE "INDIAN" BELTS.

SEE BACK COVER FOR FULL SIZE PHOTO PATTERN

CUTTING PATTERN FOR THIS BELT ON PAGES 28-29

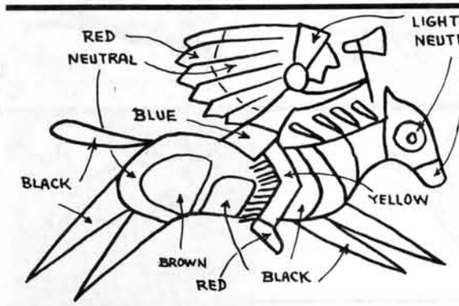
MAKE TRACING PATTERN OF DESIGN FROM BACK COVER

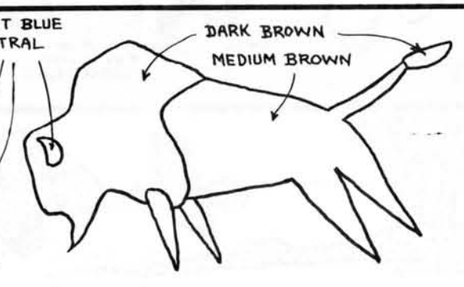
INDIAN HEAD FROM *CRAFTAID* PLASTIC TEMPLATE NO. 2320

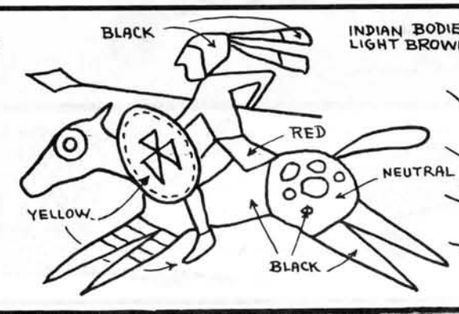


BELT ABOVE SHOWS FIGURES ARRANGED IN A HUNTING SCENE..... ALTERNATING WITH GEOMETRIC DESIGN. GEOMETRIC DESIGN IS TAKEN FROM THE PHOTO PATTERN ON THE BACK COVER OF THIS BOOK.

LINK BELTS AND ASSEMBLY ON PAGE 27 ⇨

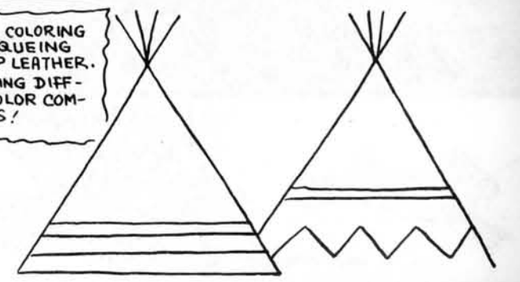




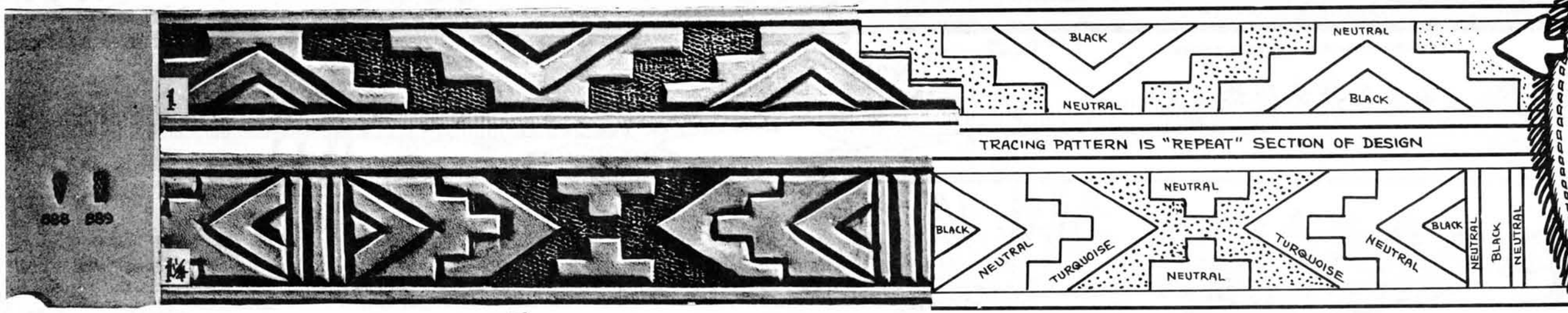




PRACTICE COLORING AND ANTIQUEING ON SCRAP LEATHER. KEEP TRYING DIFFERENT COLOR COMBINATIONS!







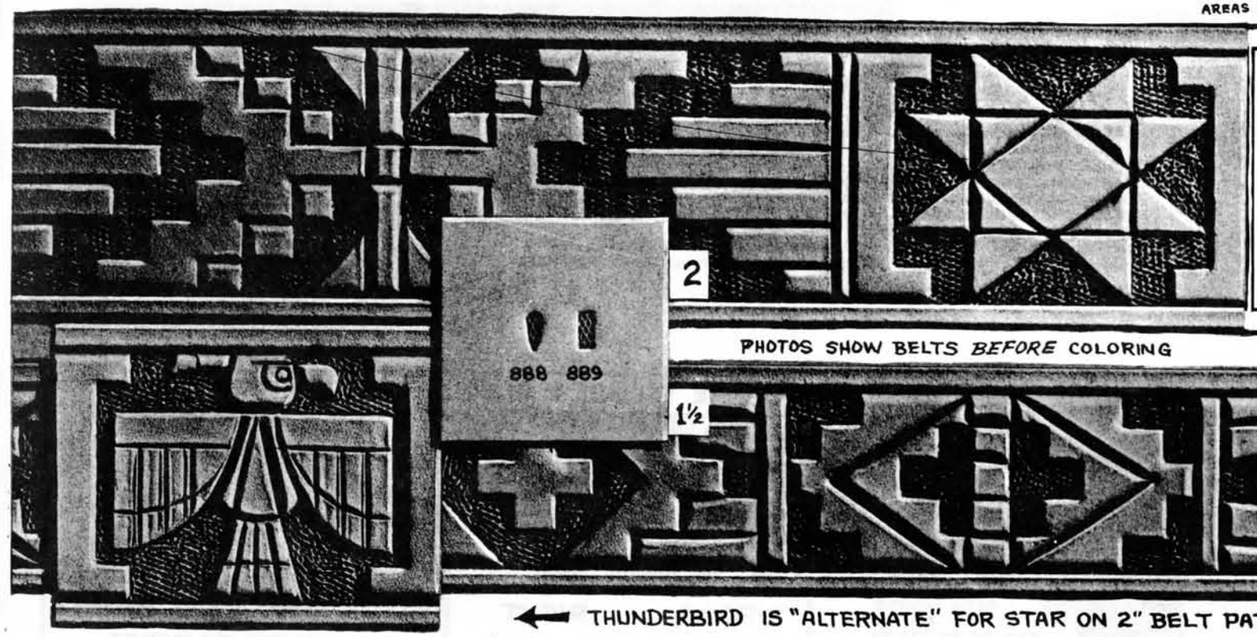
THE INDIAN DESIGNS AT LEFT AND TOP OF OPPOSITE PAGE ARE SIMPLE & EASY TO DO!

- *CUT THE BORDER LINES*
- *CUT THE DESIGN LINES*
- *BEVEL WITH A *PUSH-BEVELER*
- *BACKGROUND*
- *DYE & ANTIQUE* (OPPOSITE PAGE)

* THE PUSH-BEVELER (*SEE PAGE 5*) IS USED... AS ALL BEVELING CAN BE DONE VERY QUICKLY. ACTUALLY, IF DESIRED, ONLY THE INSIDE OF THE BORDER LINES NEED BE BEVELED AS THE COLORING AND ANTIQUEING ADD THE CONTRAST TO DESIGN.

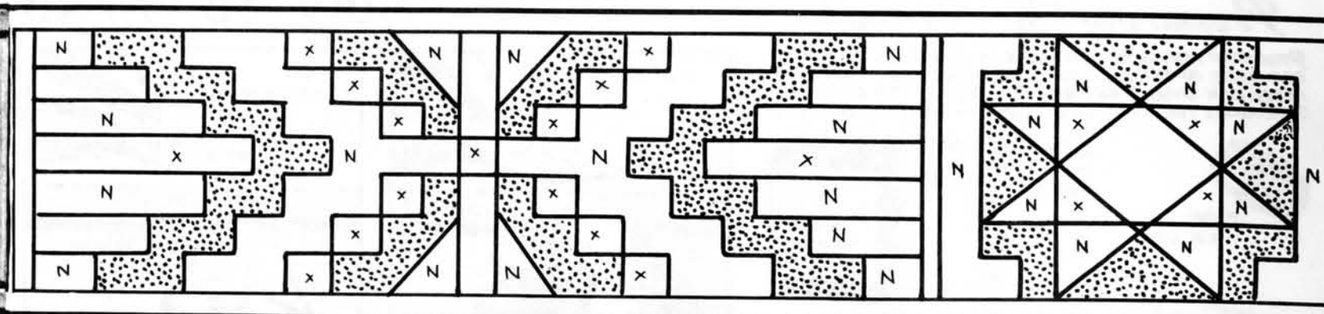
PHOTOS SHOW BELTS BEFORE DYEING ↗

★ SEE INDEX PAGE FOR PHOTOS OF ALL COMPLETED BELTS

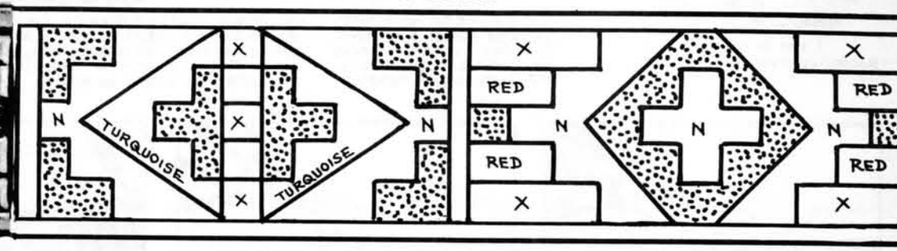


PHOTOS SHOW BELTS *BEFORE* COLORING

AREAS MARKED WITH "X"... DYE BLACK AREAS MARKED "N".... NEUTRAL



TRACING PATTERN IS "REPEAT" SECTION OF DESIGN



← THUNDERBIRD IS "ALTERNATE" FOR STAR ON 2" BELT PATTERN.

SEE INDEX PAGE FOR PHOTOS OF ALL COMPLETED BELTS

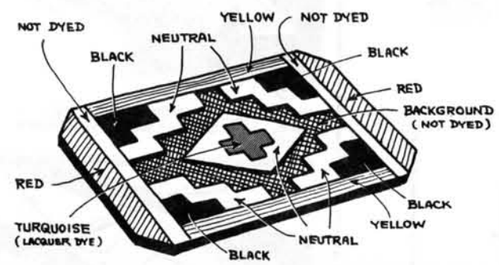
HOW TO MULTITONE ANTIQUE & COLOR YOUR INDIAN DESIGNS

THE COMBINED USE OF COLOR DYES AND ANTIQUE LEATHER DRESSINGS HAVE PRODUCED MANY PLEASING AND INTERESTING EFFECTS WITH CARVED LEATHER. IT MAY BE NECESSARY FOR YOU TO EXPERIMENT ON MANY SCRAPS OF LEATHER WITH VARIOUS DYES AND ANTIQUES BEFOR YOU ATTAIN THE EFFECTS AND TONES YOU DESIRE.

WATER DYES – OIL DYES – AND LACQUER DYES MAY BE USED FOR YOUR COLORS. IF COLORS ARE APPLIED *BEFORE* ANTIQUEING,... THEY WILL BE SLIGHTLY DULLED IN BRILLIANCE, UNLESS THE LACQUER DYES ARE USED. WATER OR OIL DYES CAN BE KEPT BRIGHT, IF GIVEN A COATING OF CLEAR LACQUER OR WHITE SHELLAC BEFORE ANTIQUEING. TWO SHADES OF THE SAME COLOR CAN BE MADE IN THIS MANNER... BY ALLOWING THE ANTIQUE TO PENETRATE ONE PART OF THE COLOR; AND BY LACQUERING OVER THE OTHER PART SO THAT THE ANTIQUE DOES NOT PENETRATE IT.

CLEAR LACQUER (OR WHITE SHELLAC) IS ALSO USED TO KEEP THE ORIGINAL COLOR OF THE LEATHER FROM DARKENING WHEN THE ANTIQUE IS APPLIED,...THEREBY CREATING CONTRAST IN THE DESIGNS OR PATTERNS. THIS IS THE PROCESS USED WHEN THE PATTERNS AND INSTRUCTIONS INDICATE THE COLOR TO BE: "NEUTRAL".

FOLLOW THE SUGGESTIONS PRESENTED HERE .... AND BEGINNING AT RIGHT..... AND ENJOY THE FUN OF MULTITONE ANTIQUE & COLORING!



1 CARVE AND STAMP THE DESIGN.., AND COLOR AS INDICATED – OR WITH COLORS OF YOUR CHOICE. GEOMETRIC DESIGN ABOVE IS TAKEN FROM BELT ON THE BACK COVER OF THIS BOOK.



4 WITH A SOFT CLOTH... WIPE OFF SURFACE ANTIQUE IMMEDIATELY... ALLOWING THE DRESSING TO REMAIN IN THE DEPRESSED AREAS. ALLOW TO DRY... AND POLISH LIGHTLY....OR APPLY CLEAR LEATHER DRESSING.



2 APPLY A HEAVY COATING OF CLEAR LACQUER TO THE AREAS MARKED "NEUTRAL" (*THIS IS THE PART OF THE DESIGN WHERE THE LEATHER IS TO REMAIN NATURAL IN COLOR*). APPLY EVENLY.



5 YOU WILL NOTE THE BACKGROUND AREAS TO BE IN RICH CONTRAST TO THE PLAIN, UNDYED AREAS. ALSO NOTE THE CONTRAST OF THE LACQUERED (*NEUTRAL*) PARTS WITH THOSE OF THE OTHER PARTS OF THE DESIGN.



3 ALLOW LACQUER TO DRY THOROUGHLY. APPLY ANTIQUE LEATHER DRESSING LIBERALLY TO LEATHER WITH A SHEEP WOOL APPLICATOR... WORKING WELL INTO ALL CUTS AND STAMPED DEPRESSIONS.

THERE ARE MANY COMBINATIONS OF "TONING" POSSIBLE WITH THE METHODS DESCRIBED. SPECIAL TONES CAN BE CREATED BY MIXING DIFFERENT SHADES OF ANTIQUE DRESSINGS. SMALL AMOUNTS OF COLORED DYES CAN ALSO BE ADDED TO THEM FOR UNUSUAL SHADES.

BE SURE TO PRACTICE ON SCRAPS OF LEATHER WITH COLOR AND ANTIQUE FOR DESIRED *MULTITONE* EFFECTS BEFORE DOING YOUR FINISHED PROJECTS!

HOW TO HAND SEW

Preparing The Thread

PROPERLY PREPARED THREAD IS OF UTMOST IMPORTANCE FOR EASE OF SEWING AND LASTING SERVICE. SPECIAL ATTENTION SHOULD BE GIVEN TO TAPERING THE ENDS AND THREADING THE NEEDLES. STUDY THIS PAGE CAREFULLY.



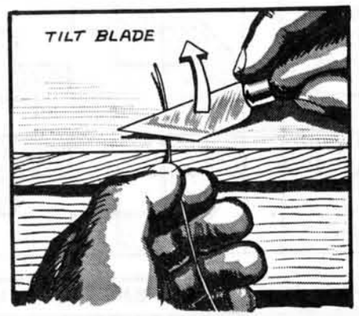
BEES WAX
(2 OZ. CAKE)



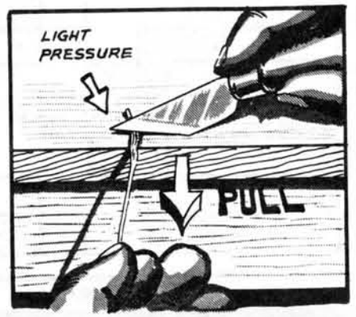


EGG-EYE
HARNESS NEEDLES
(TWO REQUIRED)
SUGGESTED SIZE: #2, #3, OR #4

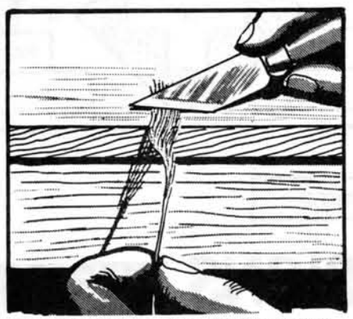
CUT A PIECE OF No. 4 CORD THREAD ABOUT 6 ft. LONG. FOLLOW INSTRUCTIONS BEGINNING AT RIGHT FOR PREPARING THE THREAD.



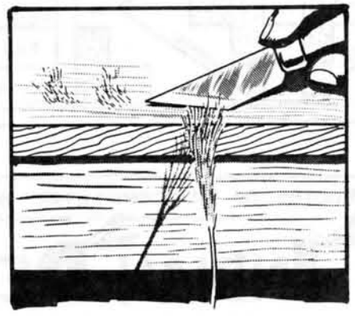
1 PLACE THREAD AND KNIFE ON BENCH AS SHOWN. REST HEEL OF BLADE ON BENCH AND TILT THE BLADE ANGLE TOWARD THE END OF THE THREAD... AS INDICATED BY LARGE ARROW.



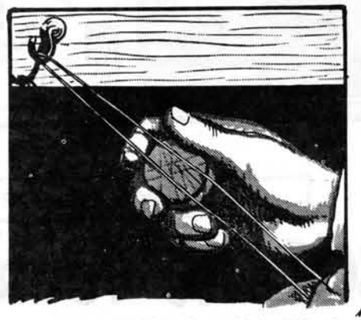
2 APPLY LIGHT PRESSURE TO BLADE AND SLOWLY PULL THREAD. PRESSURE OF BLADE UNRAVELS AND "FRAYS" ENDS OF THREAD; ANGLE OF BLADE REDUCES DANGER OF CUTTING THREAD.



3 TOO MUCH PRESSURE ON BLADE WILL CUT THE THREAD. APPLY ONLY ENOUGH TO SCRAPE AND PULL THE FIBRES LOOSE. SCRAPING AND PULLING THE FIBRES TAPERS THE SINEWS TO FINE, POINTED ENDS.



4 REPEAT THE OPERATION UNTIL THE SINEWS APPEAR SILKY, AND EVENLY TAPERED. PREPARE BOTH ENDS OF THREAD IN THIS MANNER. A LITTLE PRACTICE IS NECESSARY FOR FINE ENDS.

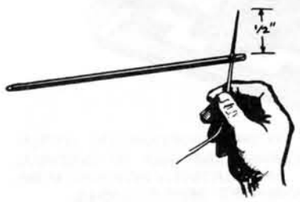


5 PLACE THE THREAD OVER A HOOK OR SMOOTH, ROUNDED OBJECT AND RUB BRISKLY WITH BEES WAX. WAXING THE THREAD LENGTHENS ITS LIFE AND PREVENTS FRAYING WHILE SEWING.

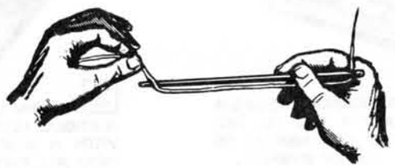


6 WAX THE ENDS THOROUGHLY TO FINE POINTS.

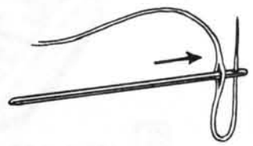
HOW TO THREAD THE NEEDLES



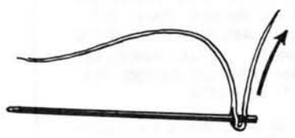
1 Push end of thread through needle eye about ½".



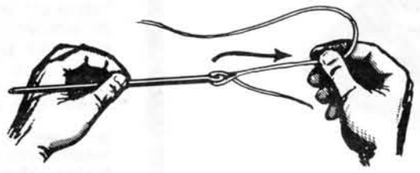
2 Pierce thread with needle point as shown.



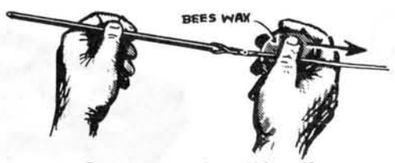
3 Push thread up on needle to eye.



4 Pull end of thread through eye as far as it will go.



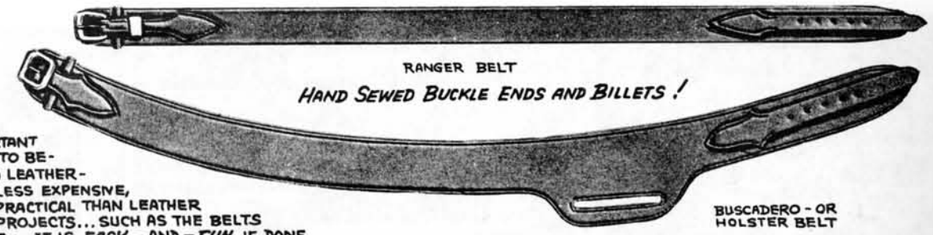
5 Hold needle and pull thread over eye to lock end of thread.



6 Wax end to "fuse" threads together.

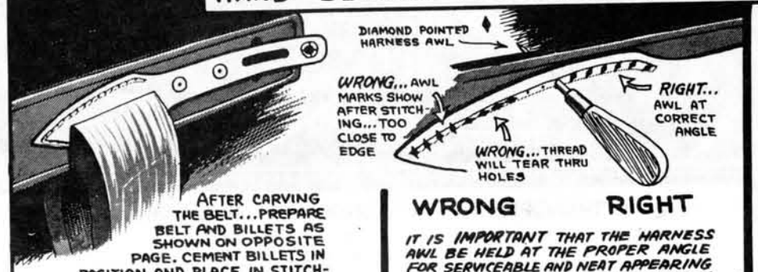
Repeat operation with other needle and other end of thread.

THREAD IS READY FOR SEWING



HAND SEWING IS EXTREMELY IMPORTANT TO THOSE DESIRING TO BECOME ACCOMPLISHED LEATHERCRAFTSMEN. IT IS LESS EXPENSIVE, FASTER, AND MORE PRACTICAL THAN LEATHER LACING FOR MANY PROJECTS... SUCH AS THE BELTS ILLUSTRATED ABOVE. IT IS *EASY* —AND— *FUN* IF DONE PROPERLY. THERE ARE "RIGHTS" AND "WRONGS" WITH HAND SEWING. LEARN THE "RIGHT" WAY.... IT'S EASIER; FASTER. *CAREFULLY STUDY THIS PAGE.*

HAND SEWING THE BILLET & BUCKLE ENDS



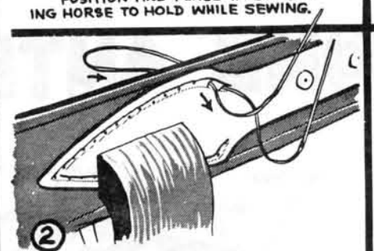
AFTER CARVING THE BELT... PREPARE BELT AND BILLETS AS SHOWN ON OPPOSITE PAGE. CEMENT BILLETS IN POSITION AND PLACE IN STITCHING HORSE TO HOLD WHILE SEWING.

WRONG **RIGHT**

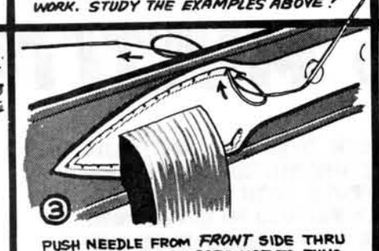
IT IS IMPORTANT THAT THE HARNESS AWL BE HELD AT THE PROPER ANGLE FOR SERVICEABLE AND NEAT APPEARING WORK. STUDY THE EXAMPLES ABOVE!



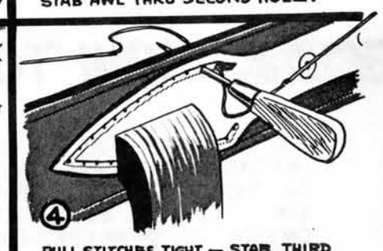
STAB AWL THRU FIRST HOLE AT PROPER ANGLE. PUSH ONE NEEDLE THRU HOLE AND PULL TO CENTER OF THREAD. STAB AWL THRU SECOND HOLE.



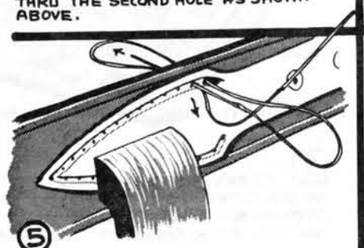
PUSH NEEDLE FROM *BACK* SIDE.... THRU THE SECOND HOLE AS SHOWN ABOVE.



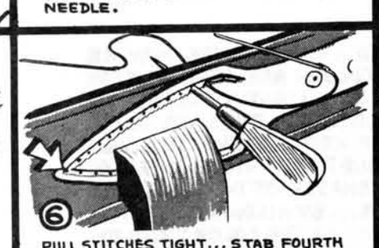
PUSH NEEDLE FROM *FRONT* SIDE THRU SAME HOLE. USE CARE NOT TO PUNCTURE THREAD WITH THE SECOND NEEDLE.



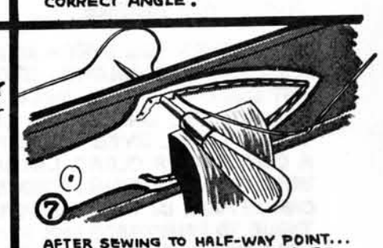
PULL STITCHES TIGHT — STAB THIRD HOLE WITH AWL. HOLD AT THE CORRECT ANGLE.



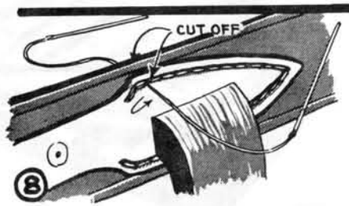
PUSH NEEDLE FROM *BACK* SIDE THRU THIRD HOLE... PUSH NEEDLE FROM *FRONT* SIDE THRU SAME HOLE, AS SHOWN.



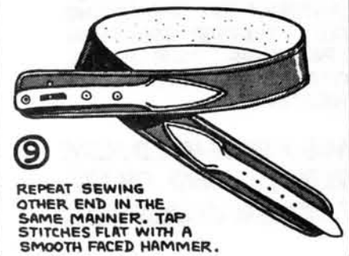
PULL STITCHES TIGHT... STAB FOURTH HOLE. CONTINUE SEWING IN THIS MANNER TO THE HALF-WAY POINT INDICATED BY THE LARGE ARROW.



AFTER SEWING TO HALF-WAY POINT... RELEASE CLAMP, TURN BELT AND RE-CLAMP AS SHOWN ABOVE. CONTINUE SEWING THE REST OF BILLET.



TO FINISH OFF, BACK-STITCH THRU LAST TWO HOLES AND CUT THREADS OFF FLUSH WITH THE LEATHER. RUN OVERSTITCH WHEEL OVER STITCHES.



REPEAT SEWING OTHER END IN THE SAME MANNER. TAP STITCHES FLAT WITH A SMOOTH FACED HAMMER.



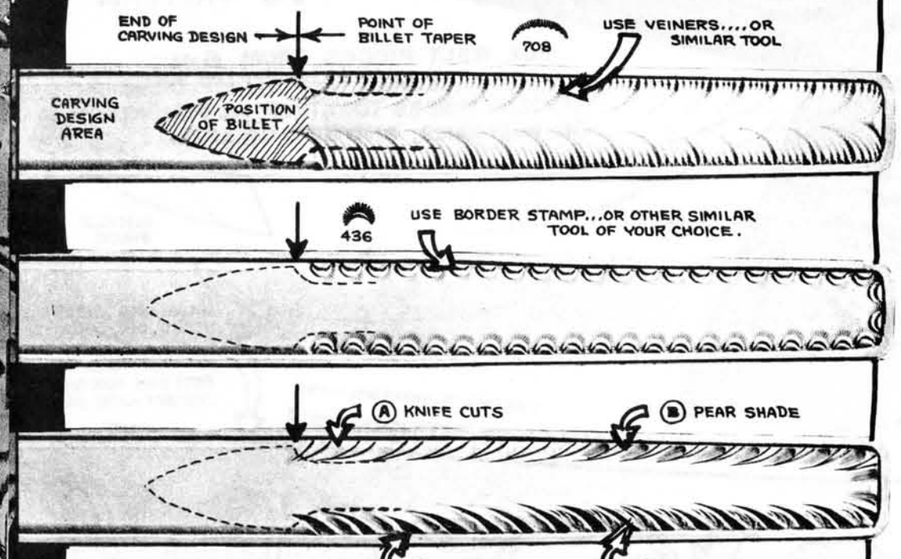
BILLETS CAN BE LACED TO BELT WITH A RUNNING STITCH AS SHOWN... USING AN ANGLE HOBBY PUNCH AND 3/32" LACING. TAP FLAT AFTER LACING.

SUGGESTIONS FOR COMPLETING RANGER BELT ENDS... BY CARVING OR STAMPING.

RANGER BELTS CAN BE FULLY CARVED TO ENDS. HOWEVER, THIS IS USUALLY NOT REQUIRED AS THE BILLET AND BUCKLE PIECES COVER THESE ENDS FROM VIEW, EXCEPT AT THE BORDER AREAS.

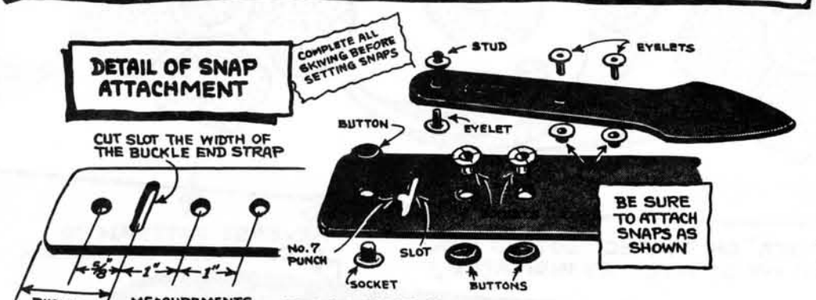
THE TRACING PATTERN CAN END AT POINT OF BILLET TAPER (*ILLUSTRATED AT RIGHT AND BELOW*) AND THE STAMPING BEGIN AT THAT POINT.

A FEW EXAMPLES ARE SHOWN BELOW....



DETAIL OF SNAP ATTACHMENT

COMPLETE ALL SKIVING BEFORE SETTING SNAPS



ATTACH SNAPS TO BUCKLE END AND BELT STRAP. CAREFULLY NOTE THAT EYELETS AND SOCKETS DO NOT ALL ENTER FROM THE SAME SIDE OF THE LEATHER. PUNCH HOLES AND SLOT IN BELT AS PER DIMENSIONS SHOWN AT UPPER LEFT. IN ADDITION...USE A No.6 OR No.7 PUNCH... AND PUNCH OUT CENTER OF SLOT AS ILLUSTRATED. THIS IS FOR CLEARANCE OF THE SNAP STUD ON THE BUCKLE END STRAP (*SEE DETAIL AT LEFT*).

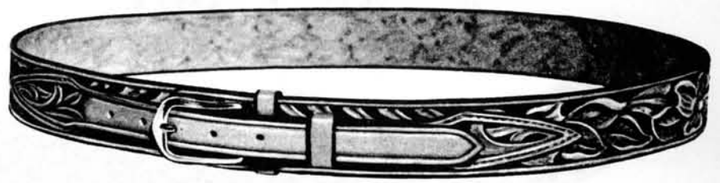
ASSEMBLY DETAIL



NOTE: THE BUCKLE END PATTERN SHOWN AT RIGHT, CAN BE USED FOR ONE OR TWO KEEPERS WITHOUT LENGTHENING.

AFTER SEWING.... APPLY LEATHER DRESSING AND ASSEMBLE AS SHOWN ABOVE. END OF BUCKLE STRAP GOES THRU SLOT (*FOLLOWS LARGE ARROW*) AND SNAPS TO MATE ON BOTTOM. STUDY THE DRAWING.

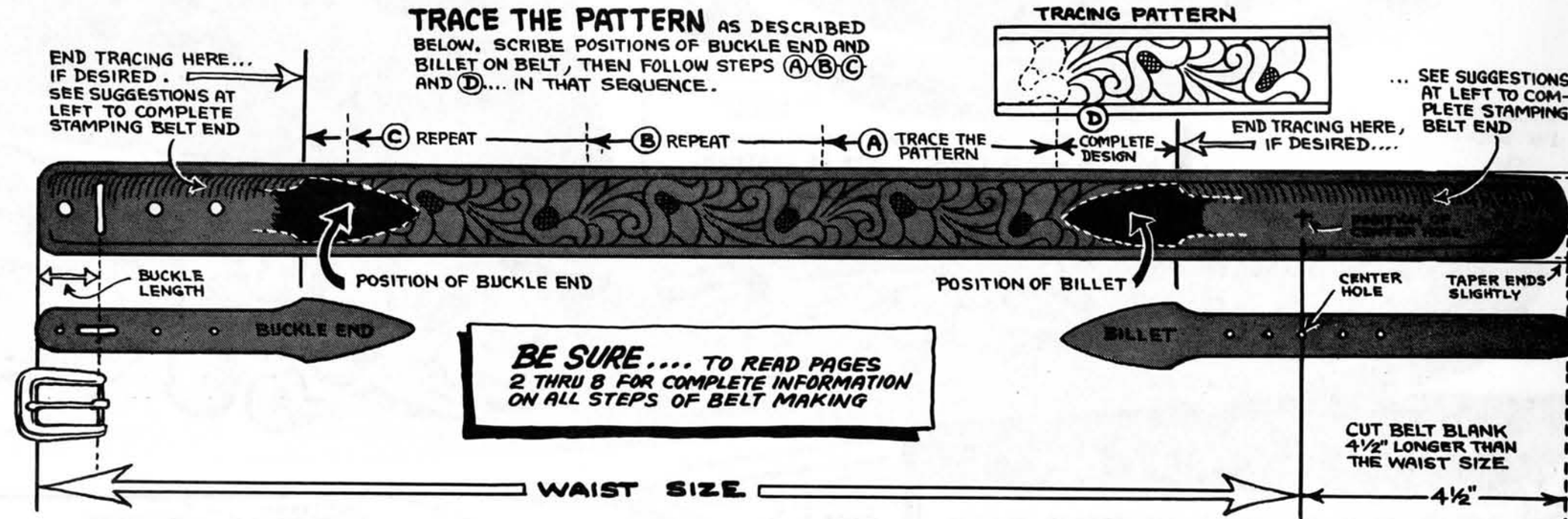
HOW TO MAKE "*Ranger*" BELTS



THE "*RANGER*" STYLE BELT DIFFERS FROM THE REGULAR BELT IN THAT IT HAS THE BILLET AND BUCKLE END SEWED OR LACED TO BELT STRAP.

STUDY THIS PAGE AND FOLLOW INSTRUCTIONS FOR ASSEMBLY

TRACE THE PATTERN AS DESCRIBED BELOW. SCRIBE POSITIONS OF BUCKLE END AND BILLET ON BELT, THEN FOLLOW STEPS ⒶⒷⒸ AND Ⓓ.... IN THAT SEQUENCE.

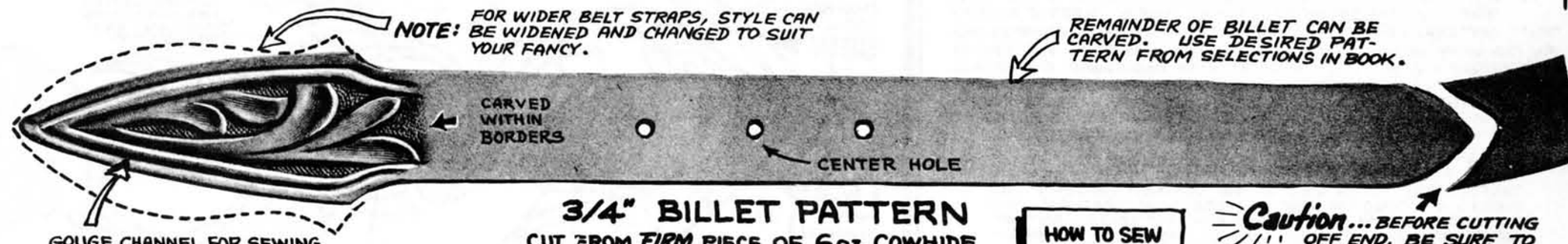


BE SURE.... *TO READ PAGES 2 THRU 8 FOR COMPLETE INFORMATION ON ALL STEPS OF BELT MAKING*

CUT BELT BLANK 4½" LONGER THAN THE WAIST SIZE.

NOTE: *FOR WIDER BELT STRAPS, STYLE CAN BE WIDENED AND CHANGED TO SUIT YOUR FANCY.*

REMAINDER OF BILLET CAN BE CARVED. USE DESIRED PATTERN FROM SELECTIONS IN BOOK.





3/4" BILLET PATTERN

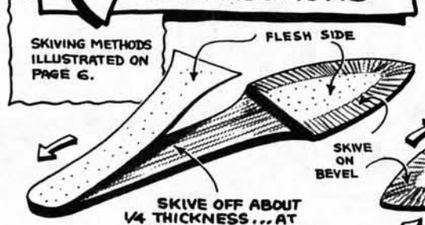
CUT FROM *FIRM* PIECE OF 6oz. COWHIDE

HOW TO SEW BILLETS ON OPPOSITE ⇦ PAGE

Caution... *BEFORE CUTTING OFF END, BE SURE TO READ STEP 6 – PAGE 3!*

SKIVING INSTRUCTIONS

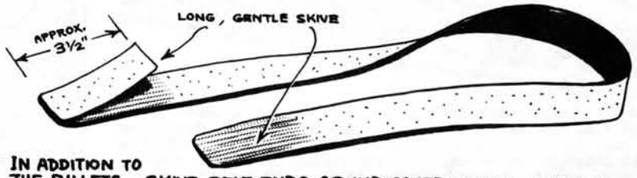
SKIVING METHODS ILLUSTRATED ON PAGE 6.



BURNISH ALL EDGES AFTER SKIVING!



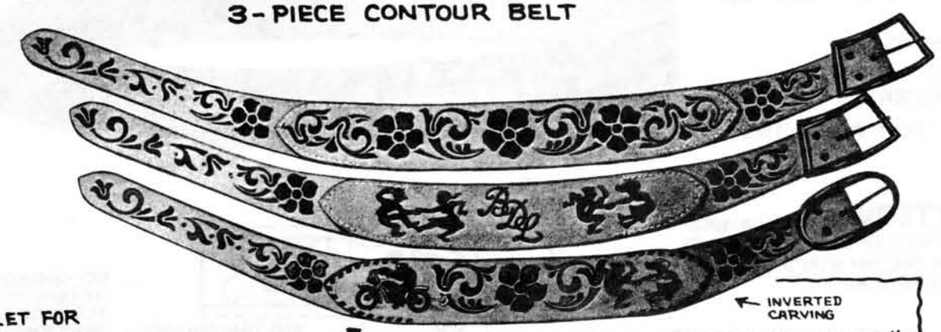
MAKE A BEVELED SKIVE AROUND EDGES TO BE SEWED. SKIVE OFF ¼ TO ⅓ THICKNESS. THE PURPOSE OF THIS SKIVE... IS TO REDUCE BULK, AND TO PULL EDGES DOWN NEATLY WHEN SEWED ...FOR MORE PROFESSIONAL APPEARANCE.



IN ADDITION TO THE BILLETS... SKIVE BELT ENDS AS INDICATED ABOVE. MAKE A LONG, TAPERING SKIVE THAT GRADUALLY REDUCES ABOUT ¼ THICKNESS AT ENDS OF BELT. THIS SKIVE REDUCES "BULK" OF RANGER BELT WHEN ASSEMBLED. *SKIVE CAREFULLY.... NOT TOO DEEP!*

The "RUFF-OUT"

3-PIECE CONTOUR BELT



INVERTED CARVING

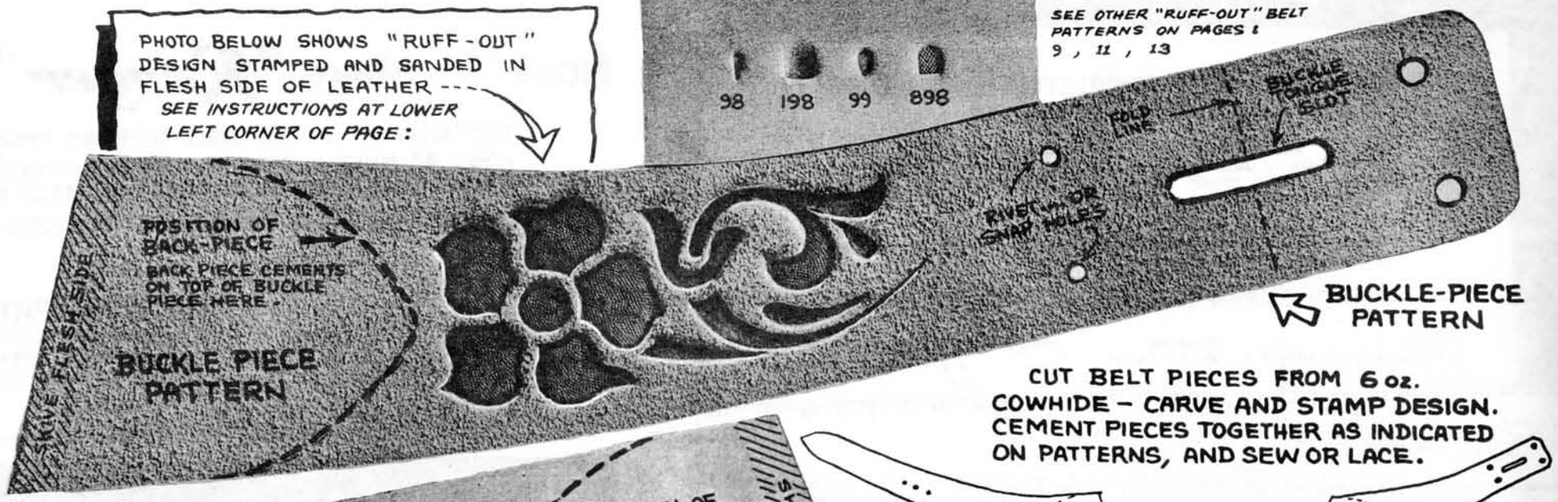
BILLET FOR 1½" BUCKLE

PHOTO BELOW SHOWS DESIGN "INVERTED" IN GRAIN (SMOOTH) SIDE OF LEATHER. *INVERTED CARVING SHOWN ON PAGE 10.*

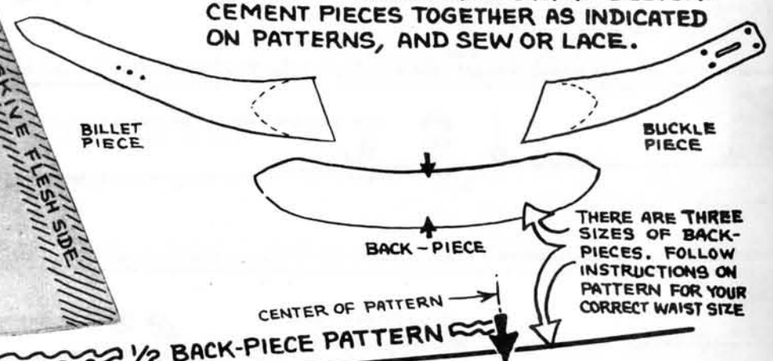
PHOTO BELOW SHOWS "RUFF-OUT" DESIGN STAMPED AND SANDED IN FLESH SIDE OF LEATHER --- *SEE INSTRUCTIONS AT LOWER LEFT CORNER OF PAGE:*

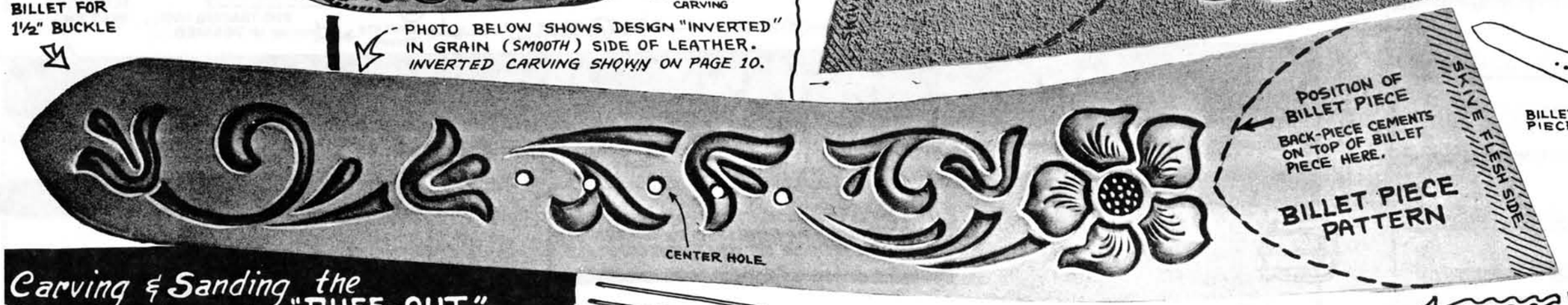
98 198 99 898

SEE OTHER "RUFF-OUT" BELT PATTERNS ON PAGES 8, 9, 11, 13



CUT BELT PIECES FROM 6 oz. COWHIDE – CARVE AND STAMP DESIGN. CEMENT PIECES TOGETHER AS INDICATED ON PATTERNS, AND SEW OR LACE.





Carving & Sanding the "RUFF-OUT"

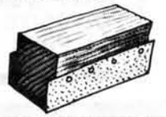
CASE THE LEATHER, AND TRANSFER THE DESIGN TO THE FLESH SIDE. CUT THE DESIGN WITH SWIVEL KNIFE... KEEP IT SHARP! "RUFF-OUT" CARVING DIFFERS.... IN THAT THE DESIGN IS STAMPED AND MATTED DOWN *INSIDE* THE OUTLINES. STUDY THE PHOTO PATTERN AT LOWER RIGHT AND NOTE THE STEP-BY-STEP PROCEDURE. STAMP ALL BELT PIECES IN THIS MANNER. DYE THE DESIGN, IF DESIRED, DARK BROWN - BLACK - OR ANY COLOR OF YOUR CHOICE. GREAT CARE MUST BE USED... OR THE DYE WILL "CREEP" OR "BLEED" OVER THE CUT LINES AND SPOIL THE DESIRED EFFECTS. USE A GOOD, WELL-POINTED BRUSH.

HOW TO "SAND" THE RUFF-OUT.....

SANDING THE FLESH SIDE OF THE LEATHER LOOSENS THE FIBRES AND GIVES THE BELT A SUEDE-LIKE TEXTURE. BE SURE TO USE FIRM LEATHER FOR RUFF-OUT BELTS... AS SOFT AND FLANKY LEATHER, WHEN SANDED, HAS TOO LOOSE FIBRES — AND LEAVES A "STRINGY", UNDESIREABLE TEXTURE.

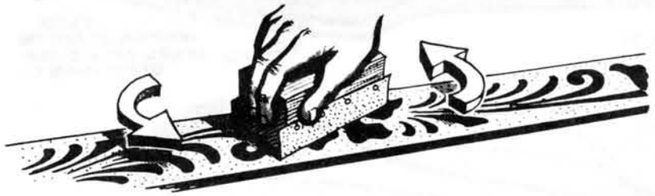
Requirements:

COARSE EMERY OR SANDPAPER ABOUT A 4"x4" PIECE



BLOCK OF WOOD SHORT LENGTH OF 2"x2" OR 2"x3"

GLUE OR TACK PAPER TO BLOCK OF WOOD. SANDING SURFACE MUST BE FLAT SO THAT STAMPED AND DYED DESIGN WILL NOT BE TOUCHED BY PAPER DURING SANDING OPERATION.



AFTER STAMPING AND DYEING THE BELT....ALLOW IT TO DRY THOROUGHLY. PLACE BELT ON HARD, SMOOTH SURFACE AND RUB SANDING BLOCK VIGOROUSLY IN A CIRCULAR MOTION.... OR BACK-AND-FORTH IN TWO OR THREE DIRECTIONS TO OBTAIN THE SUEDE EFFECT. SAND BELT THOROUGHLY. USE SOFT SHOE BRUSH, OR BLOW "SHAVINGS" OUT OF DESIGN. SHOULD DYED AREA GET SANDED; RETOUCH WITH DYE.

HOW TO HAND SEW ON PAGE 22.

GOUGE A CHANNEL AND...

SEW

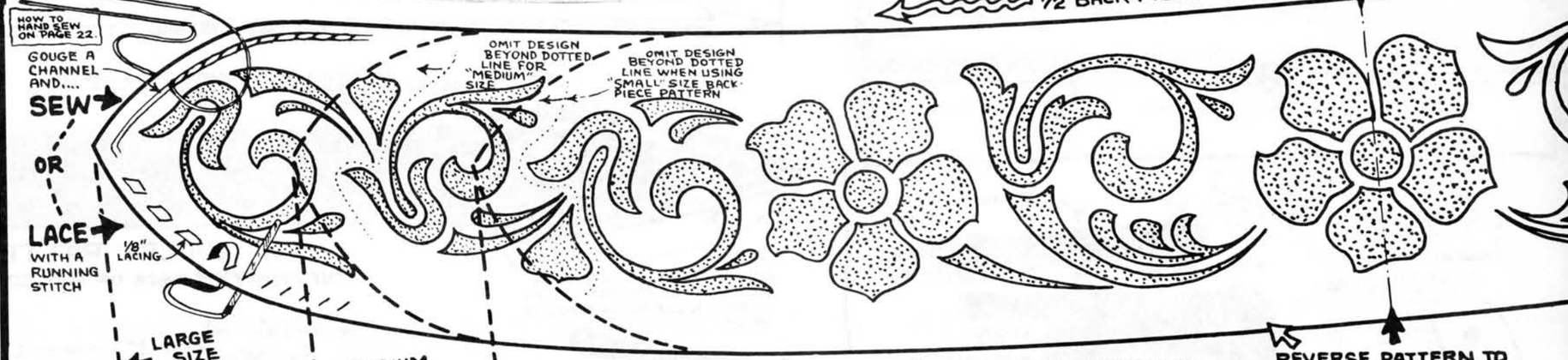
OR

LACE WITH A RUNNING STITCH

⅛" LACING

OMIT DESIGN BEYOND DOTTED LINE FOR "MEDIUM" SIZE

OMIT DESIGN BEYOND DOTTED LINE WHEN USING "SMALL" SIZE BACK PIECE PATTERN



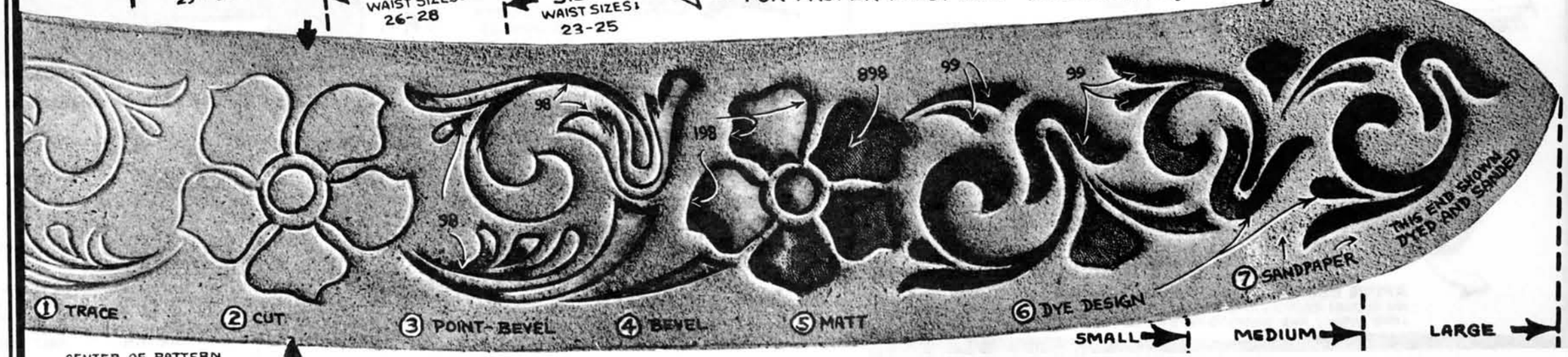
LARGE SIZE WAIST SIZES: 29 - 31

MEDIUM SIZE WAIST SIZES: 26-28

SMALL SIZE WAIST SIZES: 23-25

CUT "BACK-PIECE" ON CORRECT DOTTED LINE FOR PROPER WAIST SIZE – AS INDICATED!

REVERSE PATTERN TO COMPLETE THE DESIGN



The "Morning Glory"

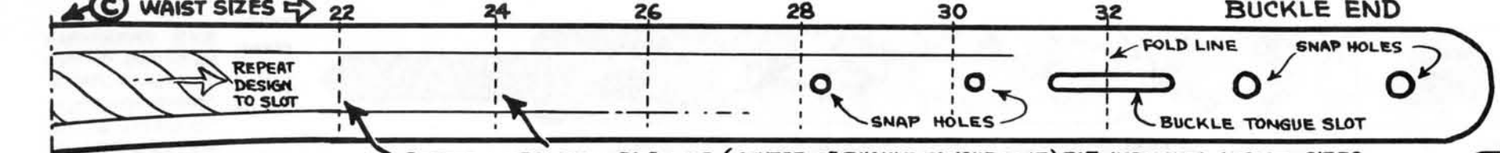


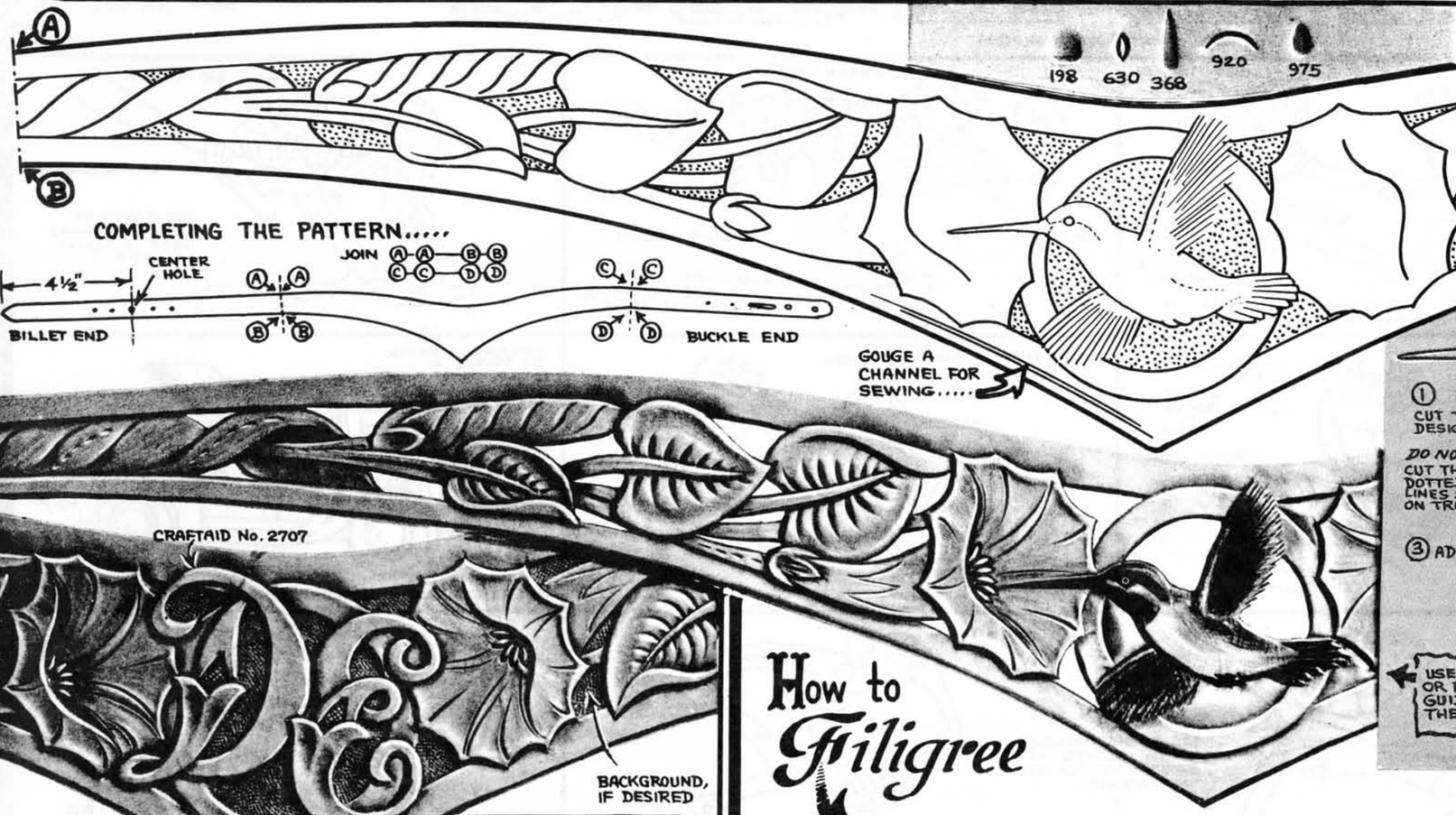


FIGURE-FLATTERING FILIGREE CONTOUR BELT

CUT FROM 4oz. COWHIDE

SEE PAGE 30 FOR ALTERNATE DESIGN FOR THIS BELT.



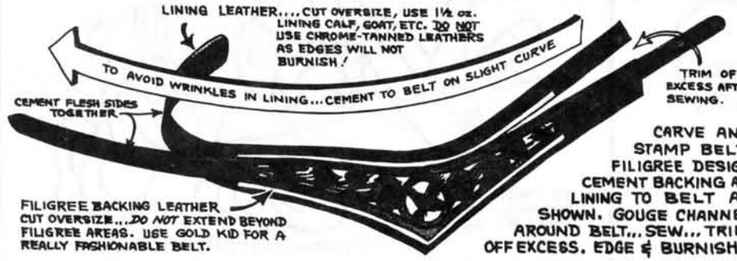


COMPLETING THE PATTERN.....

GOUGE A CHANNEL FOR SEWING.....

ALTERNATE SUGGESTION

LINING THE FILIGREE BELT

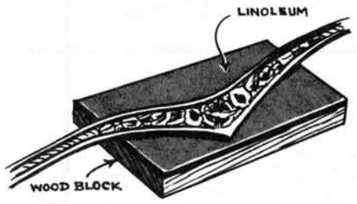


CARVE AND STAMP BELT. FILIGREE DESIGN. CEMENT BACKING AND LINING TO BELT AS SHOWN. GOUGE CHANNEL AROUND BELT... SEW... TRIM OFF EXCESS. EDGE & BURNISH!

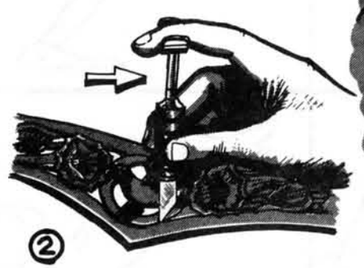
How to Filigree

CARVE AND STAMP THE PATTERN AS SHOWN IN THE PHOTO ABOVE... IT IS NOT NECESSARY TO BACKGROUND THE DESIGN.

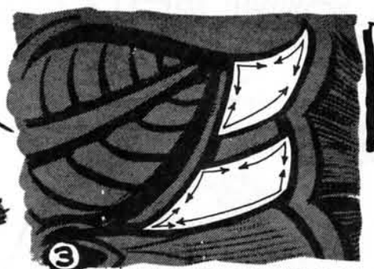
USE A FILIGREE BLADE IN YOUR SWIVEL KNIFE ...OR USE A WELL POINTED X-ACTO KNIFE BLADE FOR THE FILIGREE WORK. *KEEP IT SHARP....STROP OFTEN ON A ROUGE BOARD!*



① PLACE THE BELT ON A LINOLEUM BLOCK— OR HARD RUBBER SURFACE AND BEGIN CUTTING OUT THE BACKGROUND.



② HOLD BLADE ALMOST STRAIGHT UP AND DOWN AND ALWAY PULL KNIFE BLADE TOWARDS YOU. FORCE BLADE COMPLETELY THRU THE LEATHER, MAKING EACH CUT CLEAN, AND PRECISE!

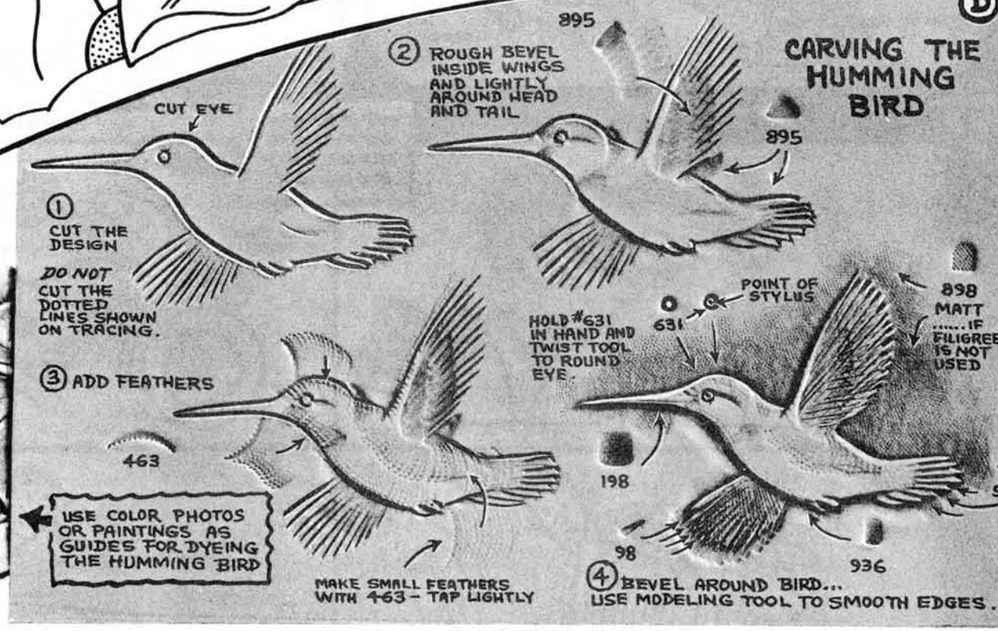


③ ENLARGED VIEW SHOWS DIRECTION OF CUTS (*SMALL ARROWS*). ALWAYS CUT *AWAY* FROM INTERSECTING LINES.... *NEVER* TOWARDS THEM — LEST THE BLADE SLIP AND CUT THRU THE "HOLDING" PARTS OF THE DESIGN AND WEAKEN ITS STRUCTURE.

IT WOULD BE WISE TO PRACTICE ON SCRAP LEATHER TO BECOME CONFIDENT AND PROFICIENT!

④ AFTER CUTTING OUT ALL BACKGROUND AREAS.... COLOR DESIGN, IF DESIRED. A LIGHT BROWN ANTIQUE LOOKS ESPECIALLY WELL WITH THIS BELT. IF USED, APPLY FREELY AND WORK WELL INTO ALL FILIGREE AREAS TO DARKEN THE CUT EDGES. BACK WITH GOLD KID AND LINING AS DESCRIBED AT LEFT OF PAGE.

CARVING THE HUMMING BIRD



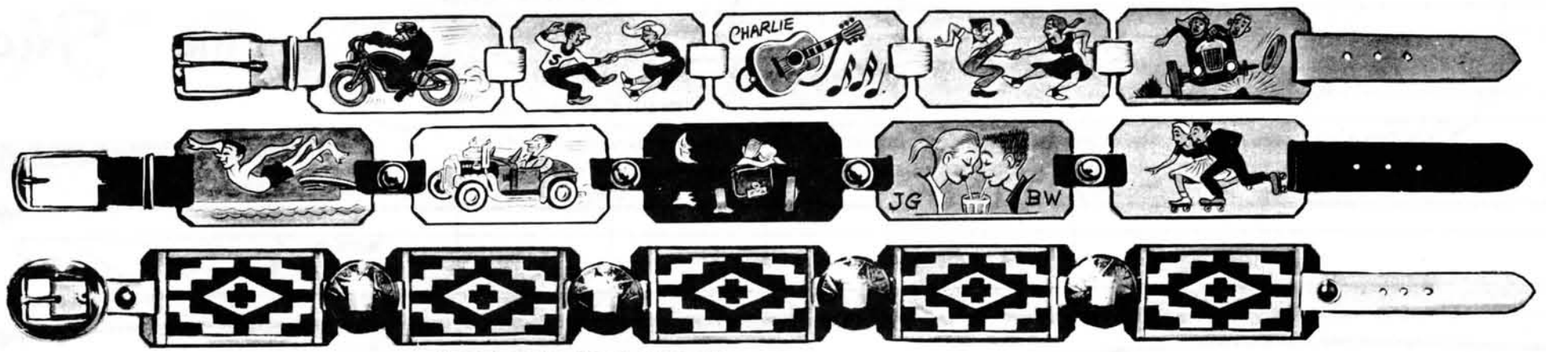
ROCK-'N-ROLL··· WITH THE "Young-at-Heart"

— LINK - BELTS —

HERE'S AN IDEAL PROJECT FOR YOUR SCRAPS AND ODDS - 'N - ENDS OF LEATHER. CUT LINKS FROM 4 TO 6 oz. LEATHER..... USE THE CUTTING PATTERN BELOW. MAKE TRACINGS FROM THIS PAGE AND TRANSFER TO THE LINKS.
JUST CUT THE LINES WITH A SWIVEL KNIFE... CUT THE FINE LINES LIGHTLY... NO BEVELING IS REQUIRED. FOLLOW THE COLOR SUGGESTIONS, IF DESIRED. ADD YOUR OWN SCHOOL LETTERS AND COLORS..... NAMES OR INITIALS. APPLY YOUR FAVORITE LEATHER DRESSING AND LINK THEM TOGETHER IN ANY MANNER YOU CHOOSE. A FEW ASSEMBLY METHOD STYLES ARE SHOWN ON THE OPPOSITE PAGE..... *BE SURE TO READ ALL THE INSTRUCTIONS!*

"GET 'HEP'- GET IN STEP WITH THESE FUN BELTS!"

LINK BELTS FOR THE **GIRLS** **BOYS** - USE 2" STRAIGHT BELTS (SEE INDEX PAGE)



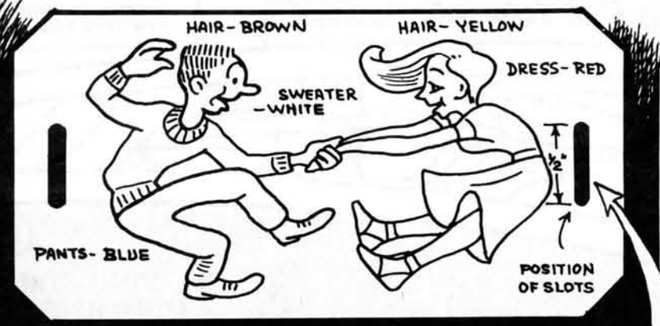
INDIAN BELT FROM PAGE 20

STYLE

A SEE ASSEMBLY METHODS ON THE OPPOSITE PAGE CORRESPONDING TO EACH OF THE STYLES SHOWN HERE.

B CHOOSE THE ASSEMBLY STYLE YOU LIKE BEST AND READ THE INSTRUCTIONS CAREFULLY ON OPPOSITE PAGE

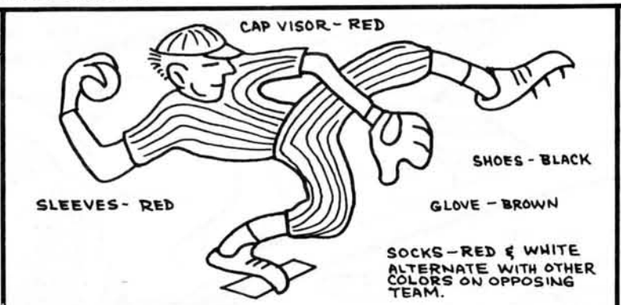
C

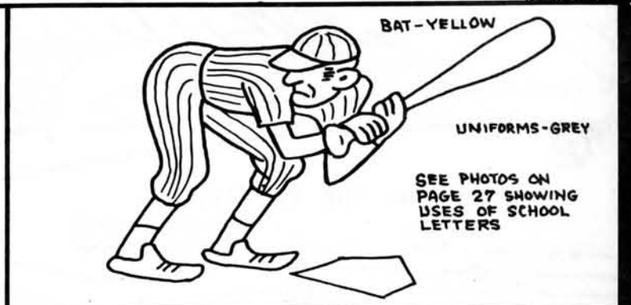


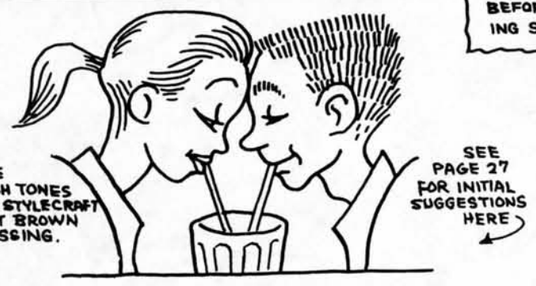
LINK CUTTING PATTERN

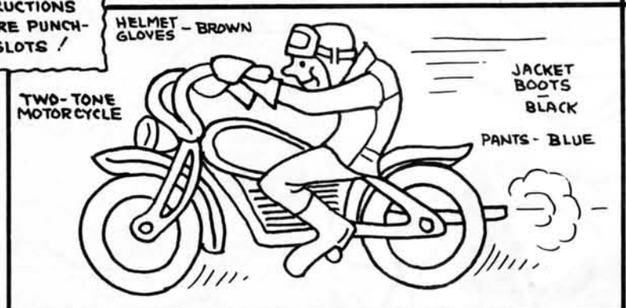
SEE ASSEMBLY INSTRUCTIONS BEFORE PUNCHING SLOTS!

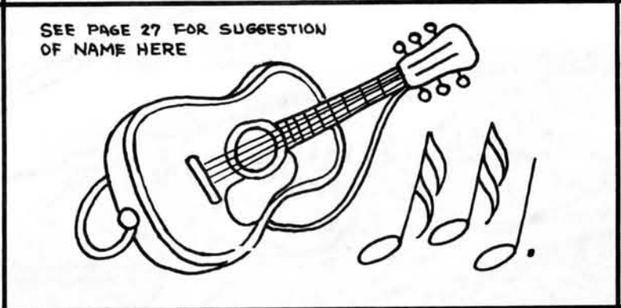


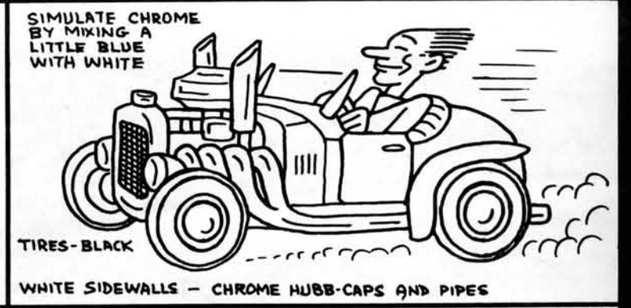








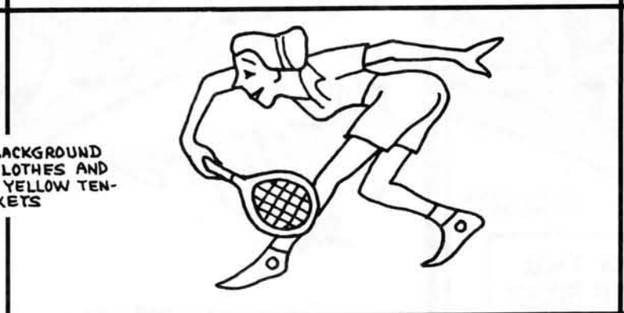


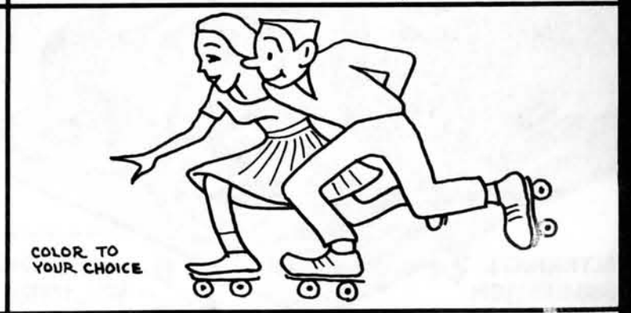


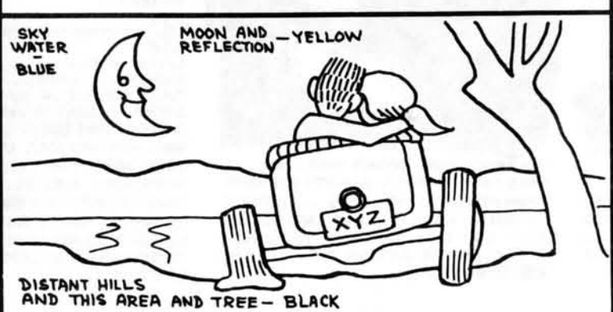




GREEN BACKGROUND WHITE CLOTHES AND SHOES — YELLOW TENNIS RACKETS

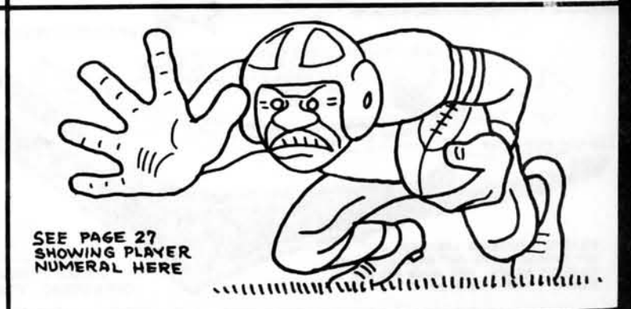












PHOTOS ON THIS PAGE SHOW "ROCK-'N-ROLL" LINKS CARVED AND DYED.... READY FOR ASSEMBLY, WHEN SLOTS ARE PUNCHED. SLOTS SHOULD NOT BE PUNCHED UNTIL METHOD OF ASSEMBLY HAS BEEN DECIDED... AND INSTRUCTIONS CAREFULLY READ.

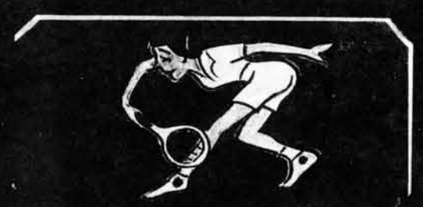


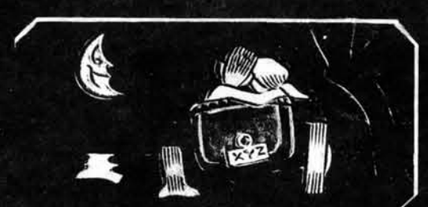










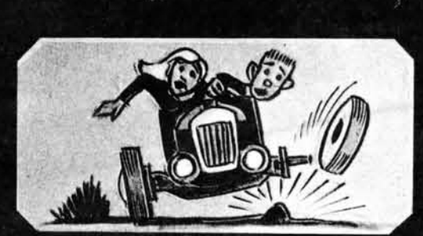


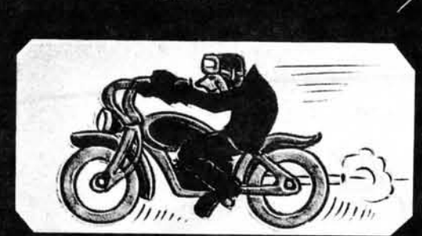










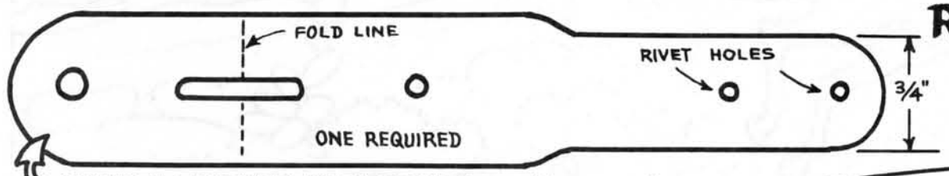




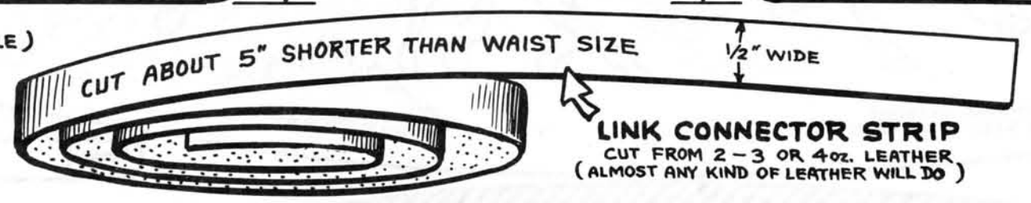




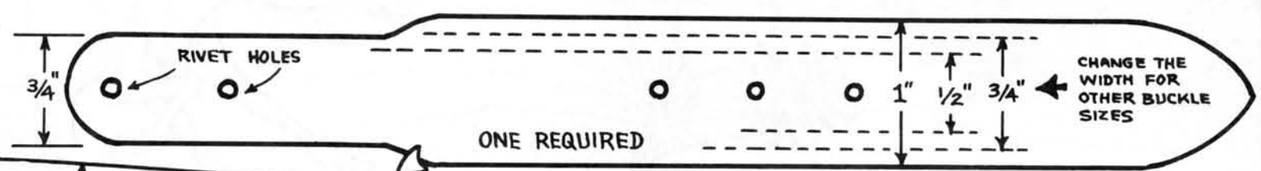
ROCK-'N-ROLL LINK BELT ASSEMBLY



BUCKLE LEATHER PATTERN —(FOR 1" BUCKLE)
CUT LEATHER FROM 4 oz. LEATHER

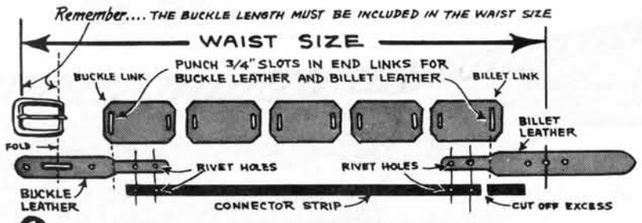


LINK CONNECTOR STRIP
CUT FROM 2 – 3 OR 4 oz. LEATHER
(ALMOST ANY KIND OF LEATHER WILL DO)



BILLET LEATHER PATTERN —(FOR 1" BUCKLE)
CUT LEATHER FROM *FIRM* 4 oz. LEATHER

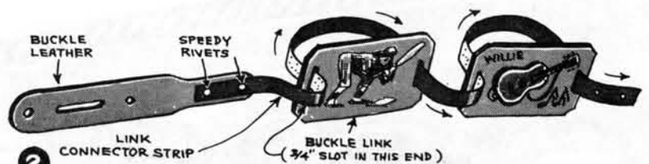
ASSEMBLY INSTRUCTIONS BELOW APPLY TO ALL THE BELTS, BASICALLY. BOX AT RIGHT EXPLAINS THE DIFFERENCE IN STYLES.
CAREFULLY FOLLOW INSTRUCTIONS BELOW.



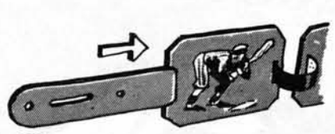
1 MARK WAIST SIZE OUT ON BENCH AND LAY LEATHER PIECES OUT TO DETERMINE NUMBER OF LINKS YOU CAN USE. LAY CONNECTOR STRIP OUT STRAIGHT AND PUNCH RIVET HOLES OPPOSITE RIVET HOLES IN BUCKLE LEATHER AND BILLET LEATHER AS SHOWN ABOVE. CUT OFF ANY EXCESS.



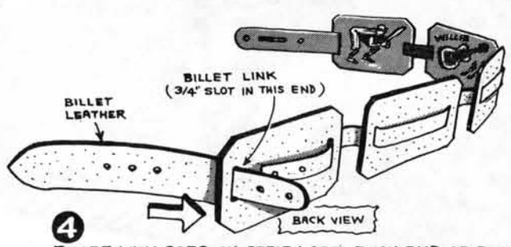
SPECIAL NOTE: *FEWER OR MORE LINKS CAN BE USED TO MAKE THE BELTS WITH SAME WAIST SIZES BY ALTERING THE SPACING BETWEEN THE LINKS... AS SHOWN ABOVE.*



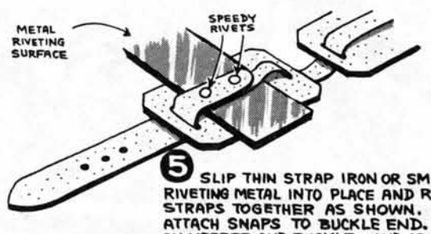
2 RIVET END OF CONNECTOR STRIP ON TOP OF BUCKLE LEATHER, AS SHOWN ---------- THEN, BEGIN THREADING ON LINKS. THE LARGE SLOT OF BUCKLE LINK GOES ON FIRST.



3 PULL RIVETED END OF BUCKLE LEATHER THRU SLOT AS FAR AS IT WILL GO. THREAD REST OF LINKS ON BELT... BILLET LINK ON LAST.



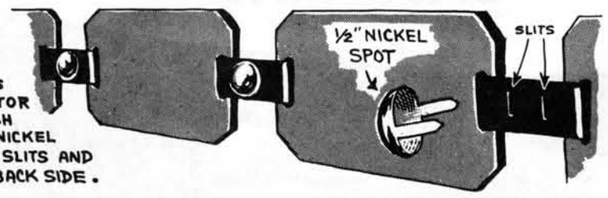
4 BILLET LINK GOES ON STRIP LAST. PUSH END OF BILLET LEATHER THRU LARGE SLOT IN END LINK, AS SHOWN.



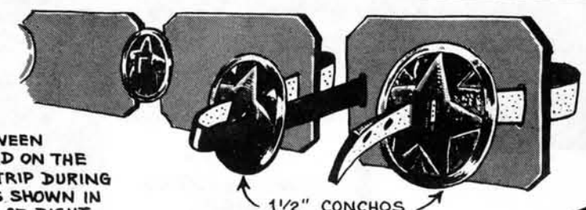
5 SLIP THIN STRAP IRON OR SMOOTH RIVETING METAL INTO PLACE AND RIVET STRAPS TOGETHER AS SHOWN. ATTACH SNAPS TO BUCKLE END. PUT ON KEEPER AND BUCKLE... AND ADJUST LINKS EVENLY ON CONNECTOR STRIP AS SHOWN IN PHOTOS – OPPOSITE PAGE.

STYLE A — THIS STYLE IS ILLUSTRATED IN THE ASSEMBLY INSTRUCTIONS AT LEFT.... AND IS SHOWN AT TOP OF OPPOSITE PAGE IN PHOTOS OF COMPLETED BELTS.

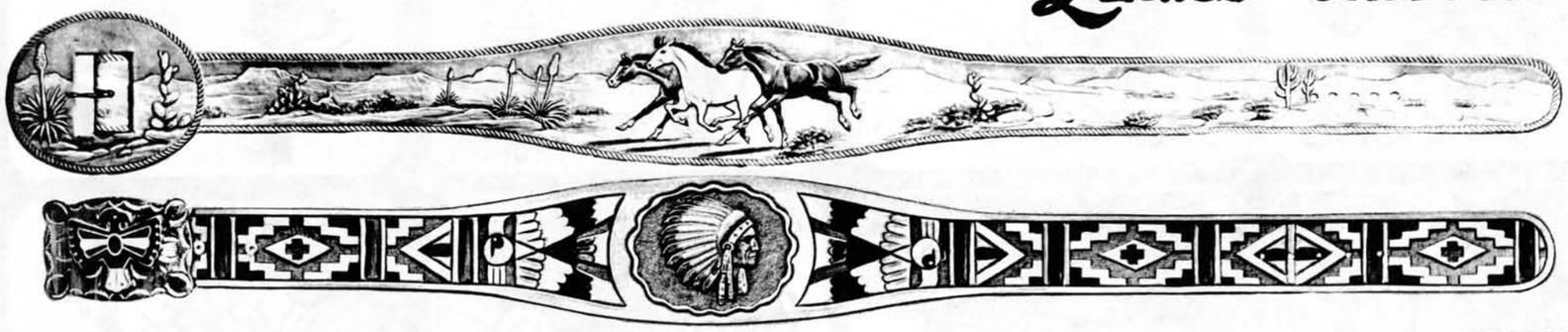
STYLE B — ASSEMBLE STYLE "B" SAME AS STYLE "A". PUNCH SLITS IN CONNECTOR STRIP... PUSH PRONGS OF NICKEL SPOTS THRU SLITS AND CLINCH ON BACK SIDE.

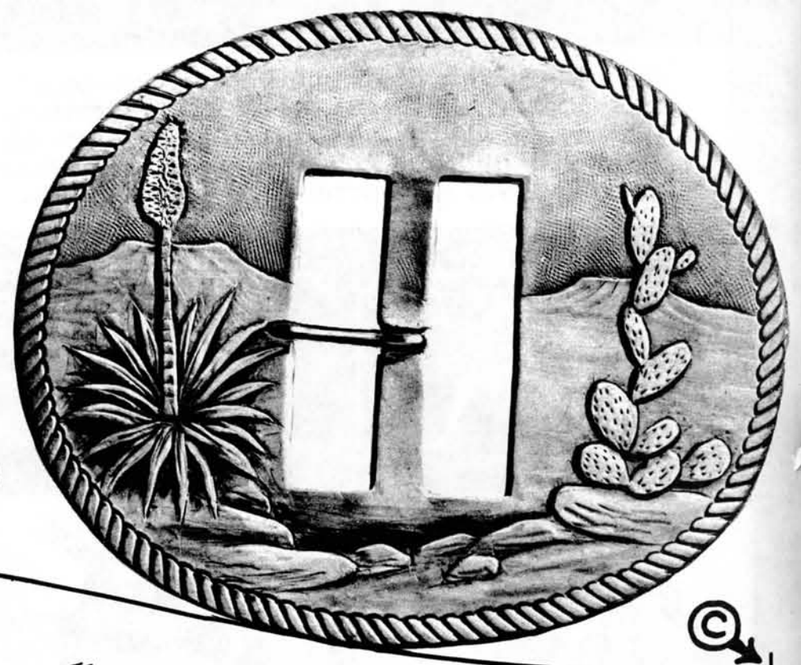


STYLE C — ASSEMBLE STYLE "C" SAME AS STYLE "A". ... EXCEPT... USE METAL OR LEATHER CONCHOS BETWEEN LINKS. THREAD ON THE CONNECTOR STRIP DURING ASSEMBLY, AS SHOWN IN THE DRAWING AT RIGHT.



Ladies CONTOUR BELT



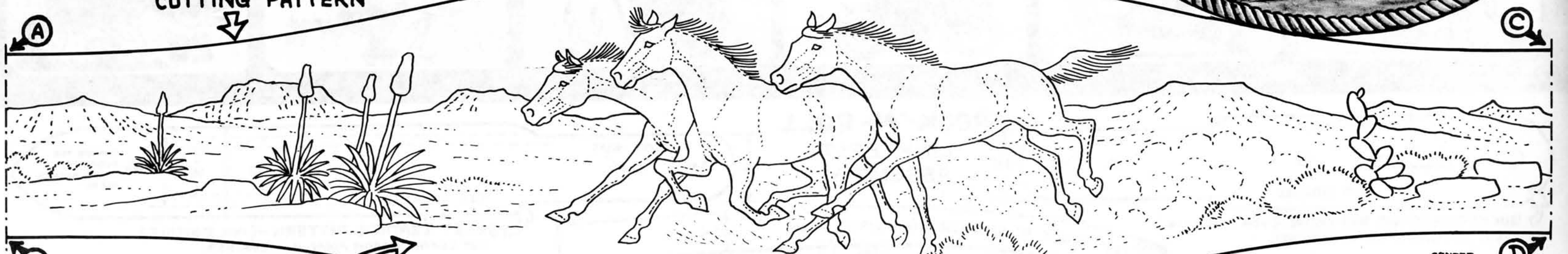


INDIAN DESIGN..... MAKE TRACING PATTERN FROM FULL SIZE PHOTO ON BACK COVER. SEE PAGE 20 FOR STAMPING & DYEING INSTRUCTIONS.

CUT BELTS FROM 6 oz. COWHIDE

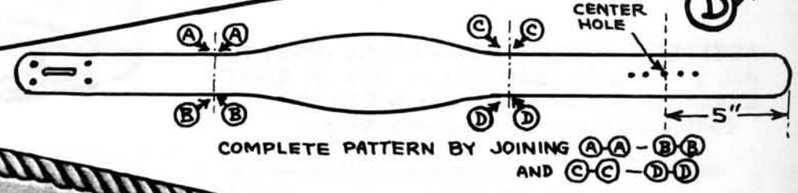
LEATHER BUCKLE
HOW TO MAKE THIS BUCKLE SHOWN ON OPPOSITE PAGE

CUTTING PATTERN



TRACING PATTERN

DO NOT CUT THE DOTTED LINES. SEE PAGE 18... FOR STEP-BY-STEP CARVING AND STAMPING INSTRUCTIONS.
SEE PAGE 18 FOR STAMPING THE ROPE EDGE.... *EDGE & BURNISH BEFORE STAMPING!*



COMPLETE PATTERN BY JOINING A-A - B-B AND C-C - D-D

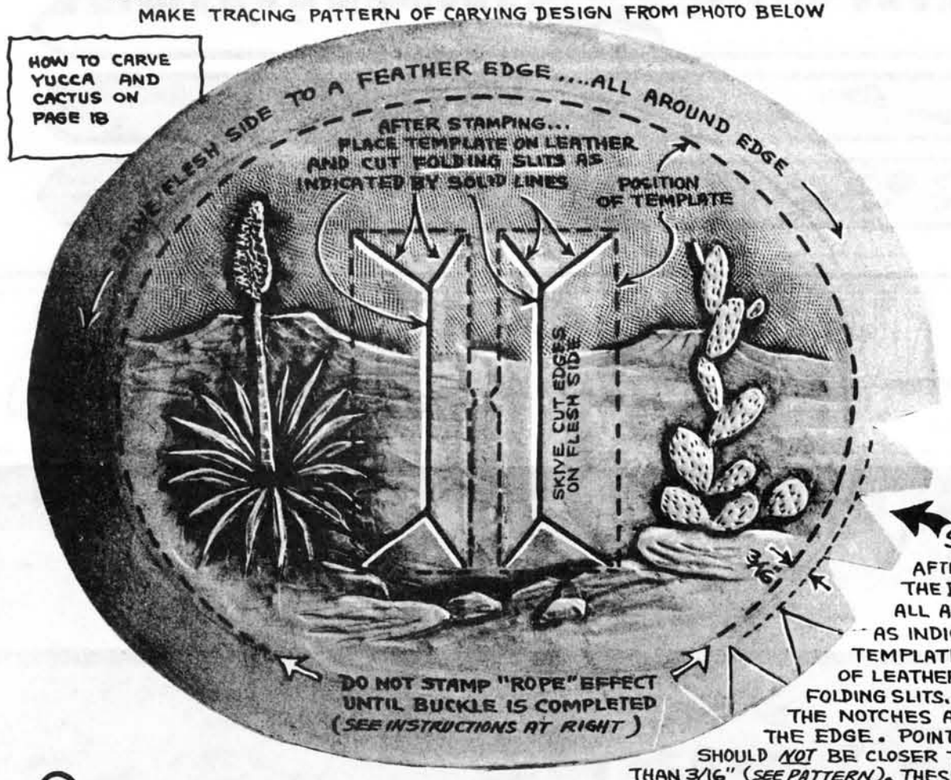
NOTE:
HOW TO CARVE HORSES ON PAGE 18

PHOTO PATTERN

BUCKLE PHOTO PATTERN ... CUT FROM 2½-3 oz. CALF

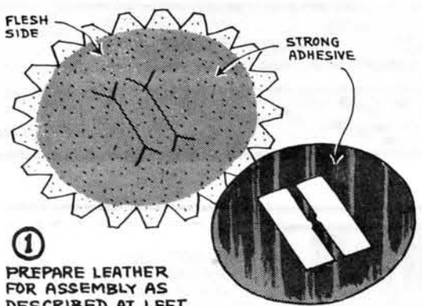
MAKE TRACING PATTERN OF CARVING DESIGN FROM PHOTO BELOW

HOW TO CARVE YUCCA AND CACTUS ON PAGE 18

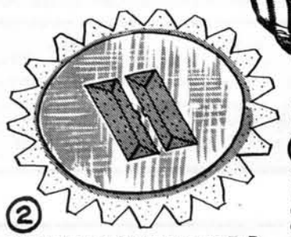


SPECIAL NOTE: AFTER STAMPING THE DESIGN...SKIVE ALL AROUND EDGE AS INDICATED. PLACE TEMPLATE IN CENTER OF LEATHER AND CUT THE FOLDING SLITS....AND ALSO THE NOTCHES ALL AROUND THE EDGE. POINT OF NOTCHES SHOULD *NOT* BE CLOSER TO TEMPLATE THAN 3/16" (*SEE PATTERN*). THESE NOTCHES ARE NECESSARY FOR SMOOTH, EASY FOLDING. FOLLOW THE INSTRUCTIONS CAREFULLY AT UPPER RIGHT OF PAGE.

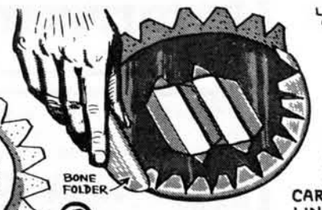
HOW TO MAKE The LEATHER BUCKLE



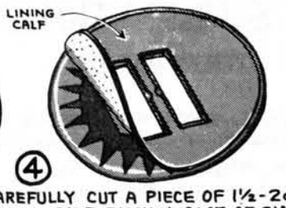
① PREPARE LEATHER FOR ASSEMBLY AS DESCRIBED AT LEFT. APPLY "STA-BOND" – "BARGE" – OR OTHER STRONG ADHESIVE TO LEATHER AND ONE SIDE OF METAL TEMPLATE, AS SHOWN BY SHADED AREAS IN THE DRAWING ABOVE.



② CAREFULLY PLACE CEMENTED SIDES TOGETHER.... BEING SURE TO CENTER THE TEMPLATE ON THE LEATHER IN THE CORRECT POSITION. APPLY CEMENT AROUND NOTCHED EDGE AND OVER SURFACE OF METAL TEMPLATE.



③ SLIGHTLY MOISTEN THE FOLDING EDGES ON THE GRAIN (*SMOOTH*) SIDE OF LEATHER. USE A BONE FOLDER AND FOLD LEATHER OVER TEMPLATE, PRESSING THE CEMENTED SURFACES FIRMLY TOGETHER.



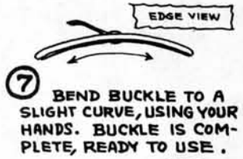
④ CAREFULLY CUT A PIECE OF 1½-2 oz. LINING CALF, PIGSKIN, GOAT, OR SIMILAR LEATHER TO THE *EXACT* PATTERN OF THE METAL TEMPLATE AND CEMENT IN POSITION. TAP GENTLY WITH HAMMER TO INSURE ADHESION.



⑤ TURN BUCKLE OVER, MOISTEN EDGE AND CAREFULLY STAMP ROPE EFFECT AROUND EDGE. (*SEE PHOTO ON OPPOSITE PAGE, OF BUCKLE*).

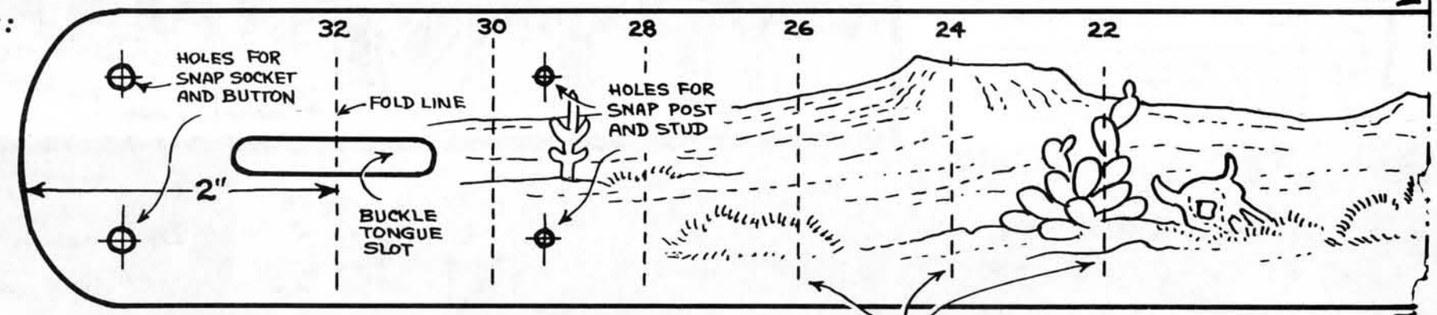


⑥ REMOVE BUCKLE TONGUE (*FROM 1" BUCKLE LENGTH*) AND INSTALL IN THE NEW LEATHER BUCKLE.



⑦ BEND BUCKLE TO A SLIGHT CURVE, USING YOUR HANDS. BUCKLE IS COMPLETE, READY TO USE.

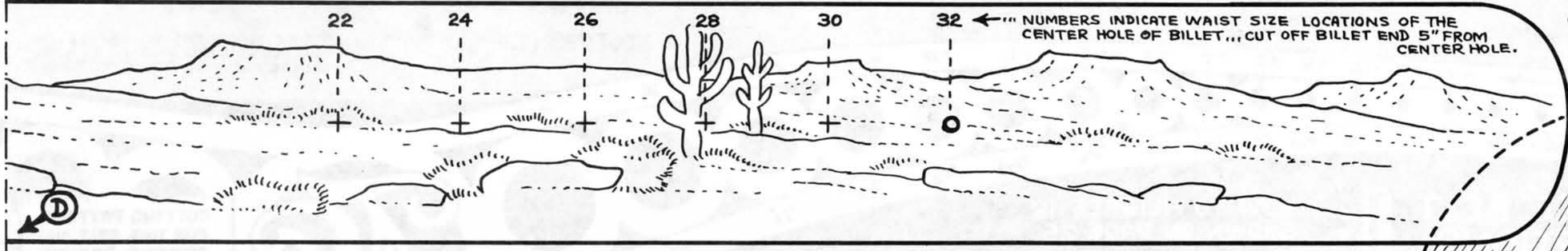
Ⓐ



DOTTED LINES SHOW FOLD LINE.... (*CENTER OF BUCKLE TONGUE SLOT*).... FOR INDICATED WAIST SIZES. CUT OFF BUCKLE END 2" FROM FOLD LINE.

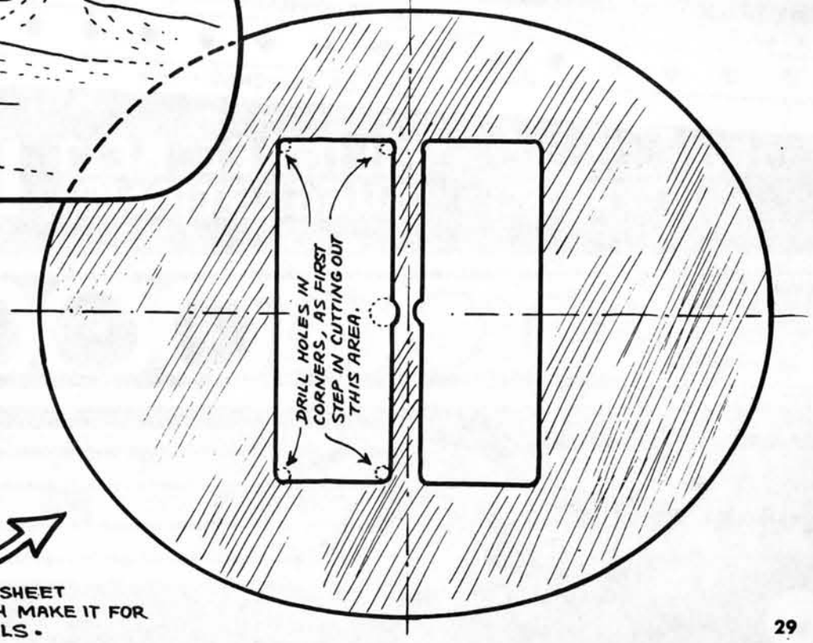
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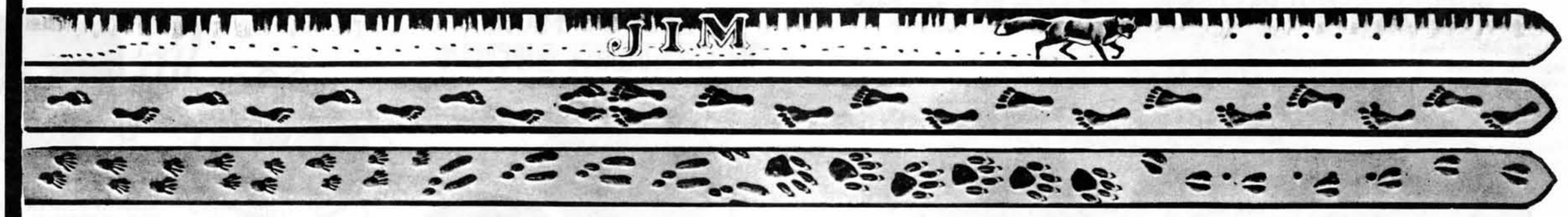
BUCKLE TEMPLATE

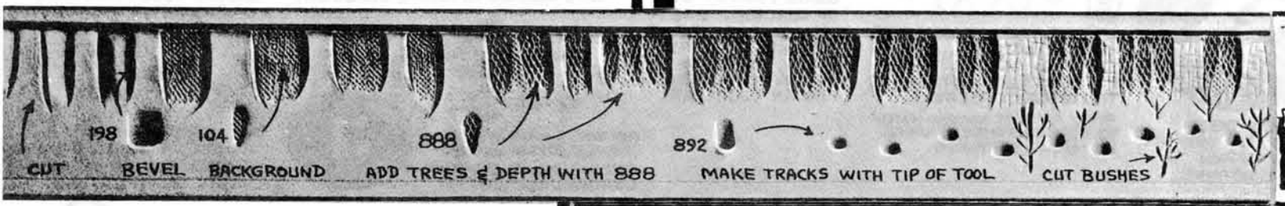
CUT FROM 26 GUAGE GALVANIZED SHEET METAL. HAVE YOUR LOCAL TIN-SMITH MAKE IT FOR YOU, IF YOU DO NOT HAVE THE TOOLS.

IDEAS & SUGGESTIONS
FOR MAKING OTHER BELTS

STUDY THIS PAGE.... AND THE IDEAS PRESENTED. PERHAPS IT WILL GIVE YOU IDEAS OF YOUR OWN, AND LEAD TO MANY OTHER NEW AND NOVEL BELTS.... WITH WHICH TO AMAZE AND AMUSE YOUR FRIENDS!

"LET YOURSELF GO!"

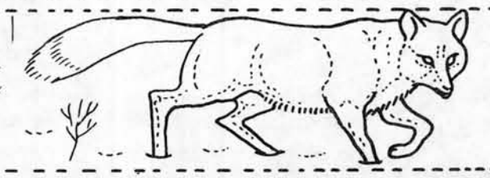




DO NOT CUT TRACKS..... TRACE ONLY

USE COLORED PICTURES AS GUIDES TO DYE FOX

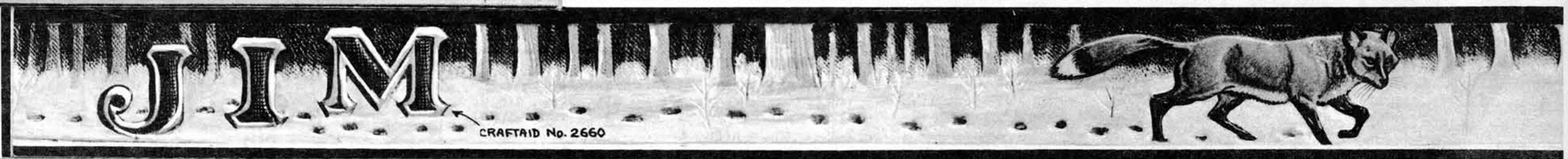
FOR "SNOW"... USE WHITE LACQUER DYE

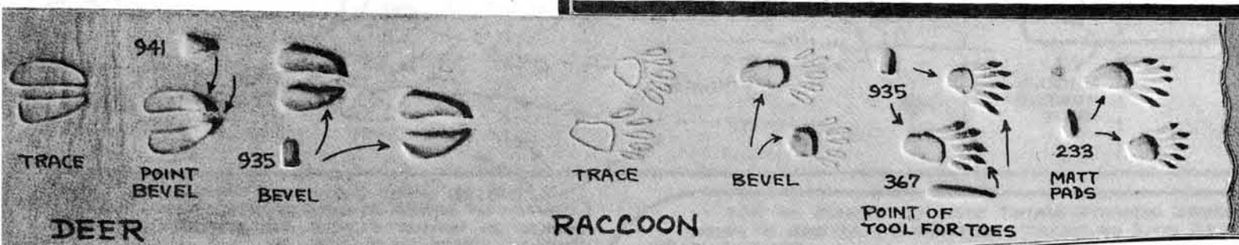


HOW TO CARVE FOX...ON PAGE 18

FOOT-PRINTS AND TRACKS.....
...AND HOW TO STAMP THEM.

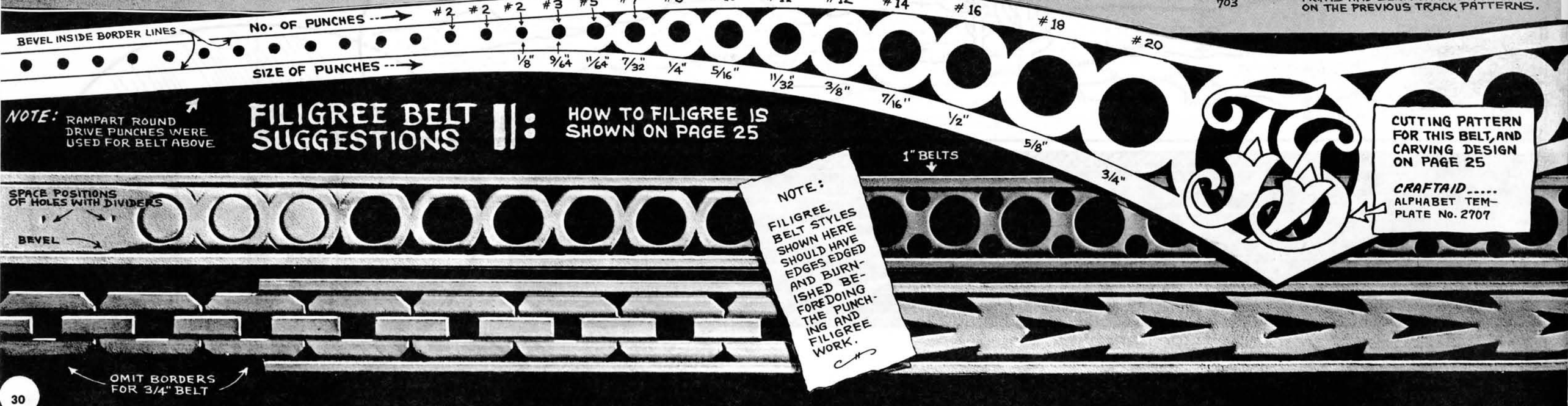
FOLLOW THE INSTRUCTIONS BELOW FOR STAMPING THE TRACKS. MAKE UP SOME OF YOUR OWN.... ARRANGE THEM IN ANY WAY YOU CHOOSE. NO CUTTING...JUST TRACE AND BEVEL!







TRACE, BEVEL AND SHADE THE FOOT-PRINTS AND BEAR TRACKS AS SHOWN ON THE PREVIOUS TRACK PATTERNS.



NOTE: RAMPART ROUND DRIVE PUNCHES WERE USED FOR BELT ABOVE

FILIGREE BELT SUGGESTIONS

HOW TO FILIGREE IS SHOWN ON PAGE 25

NOTE:

FILIGREE BELT STYLES SHOWN HERE SHOULD HAVE EDGES EDGED AND BURNISHED BEFORE DOING THE PUNCHING AND FILIGREE WORK.

CUTTING PATTERN FOR THIS BELT, AND CARVING DESIGN ON PAGE 25

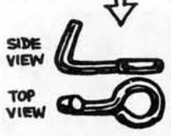
CRAFTAID..... ALPHABET TEMPLATE No. 2707

The "RATTLER"

CUT FROM 1½" STRAIGHT BELT BLANK – USE 8/9oz. COWHIDE



GET LONG SCREW-EYE, OR HOOK IN DIME-STORE. BEND AND CUT OFF END TO DIMENSIONS BELOW.

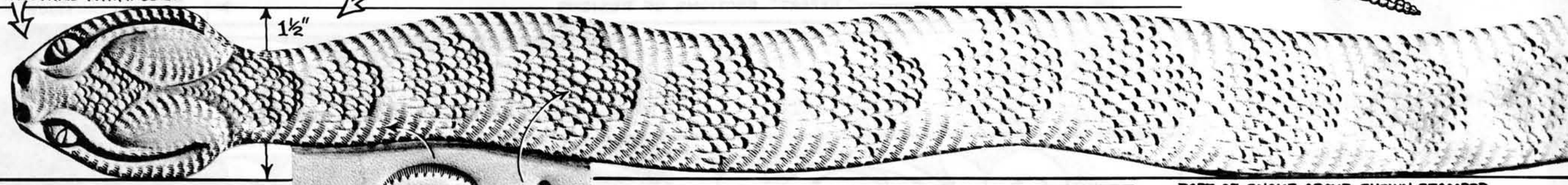


ACTUAL SIZE

CUT FROM FIRM 6oz. COWHIDE.



MAKE LONG CUTS OVER EYES AND ALONG SIDES OF HEAD. ALSO CUT EYES AND NOSTRILS. BEVEL DEEPLY ALONG HEAD CUTS AND AROUND EYES. UNDERCUT BEVEL NOSTRILS WITH #892.





ROUGHLY TRACE IN THE HEAVY SCALE PATTERNS. *DO NOT CUT!*

BEGIN STAMPING SCALES AT HEAD, AND STAMP FULL LENGTH OF BELT ON ONE SIDE FIRST....TURN THE BELT AND STAMP OTHER SIDE! STAMP HEAVY SCALES IN DIAMOND PATTERN WITH TOOL #853.

COLORING THE "RATTLER"....

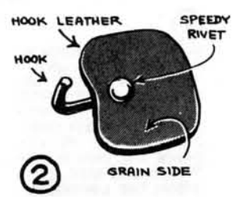
DYE THE DIAMOND PATTERN WITH A WEAK SOLUTION OF BROWN-MIXED WITH GRAY. A VERY LIGHT GRAY SHOULD BE USED ON BODY, AT SIDES... LEAVING ABOUT A 1/8" BORDER OF NATURAL LEATHER ALL AROUND THE DIAMOND PATTERN AS SHOWN IN THE PHOTO ABOVE. A MEDIUM-BROWN STREAK SHOULD RUN THRU ALL DIAMONDS....FULL LENGTH OF SNAKE.

COLOR EYES YELLOW – IRIS BLACK. HEAD SHOULD BE DYED WITH VARYING SHADES OF DARK BROWN AND BLACK. *SEE INDEX PAGE AND STUDY PHOTO OF COMPLETED BELT!*

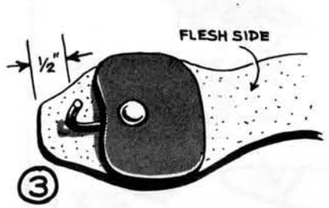
HOW TO MAKE THE "*RATTLER*"



① CUT BELT BLANK AS SHOWN ABOVE... TRACE HEAD AND TAIL ENDS OF PATTERNS ON BELT..., FILL IN REMAINING BODY OF SNAKE AS INDICATED BY DOTTED LINES. CUT OUT THE SNAKE. MAKE TRACING OF DIAMOND PATTERN — TRACE .... AND STAMP AS SHOWN IN PHOTO ABOVE. DYE THE "RATTLER" AS SUGGESTED.



② RIVET HOOK TO HOOK LEATHER (*SMOOTH SIDE UP*) AS SHOWN.



③ CEMENT HOOK LEATHER TO HEAD OF SNAKE IN PROPER POSITION. END OF HOOK SHOULD BE ½" FROM END OF NOSE.

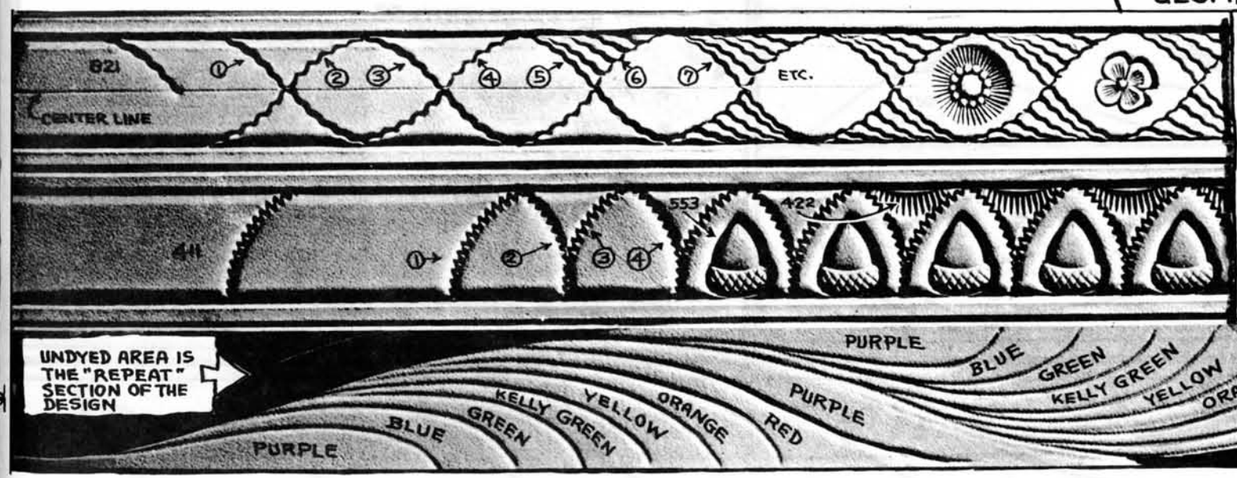


④ HAND-SEW HOOK LEATHER TO HEAD OF SNAKE ALONG THE HEAD CUTS... AS SHOWN ABOVE. "HOW TO HAND-SEW" IS SHOWN ON PAGE 22.



⑤ FOR ADDED REALISM.... CUT A SHORT PIECE OF 3/32" BLACK LACING AND SPLIT ONE END.... POINTING SPLIT ENDS... AS SHOWN. CEMENT TO FLESH SIDE OF HEAD.

GEOMETRIC DESIGNS



MAKE A TRACING PATTERN OF THE "REPEAT" SECTION OF DESIGN ABOVE AND TRACE THIS DESIGN TO YOUR DAMPENED BELT BLANK. NO CUTTING IS NECESSARY.

COLOR THE SECTIONS AS INDICATED ....OR USE VARIOUS TONES OF BROWN OR ANOTHER COLOR AND BE AMAZED WITH THE STUNNING EFFECTS. OMEGA DYES WERE USED HERE.., MIXING 1 PART DYE TO 4 PARTS THINNER-EACH.

The "RAINBOW"

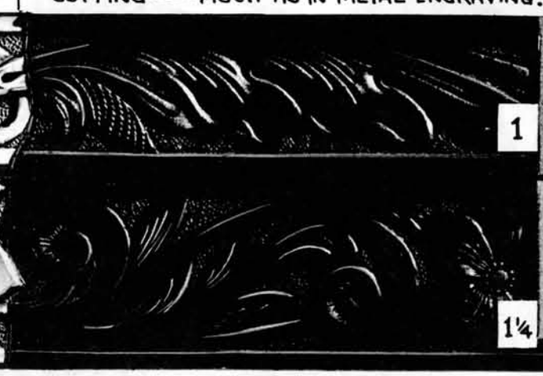
SEE INDEX PAGE FOR COMPLETED BELT

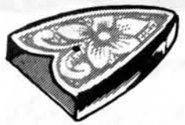
Designs for BLACK

FEW LEATHER PATTERNS LOOK WELL WHEN DYED BLACK OR ANY OTHER SOLID, DARK COLOR... AS MOST DESIGNS ARE "OVERSTAMPED" AND LIGHT REFLECTIONS DISTORT THE FLOW OF THE LINES. THE PATTERNS BELOW ARE DESIGNED FOR BLACK. LITTLE STAMPING IS USED... MOSTLY DECORATIVE CUTTING — MUCH AS IN METAL ENGRAVING.

"REPEAT" SECTIONS OF DESIGNS

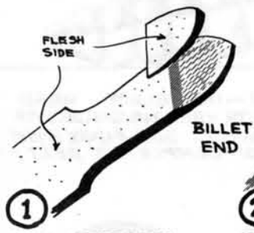




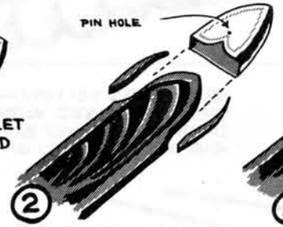


INSTALLING METAL BELT TIPS

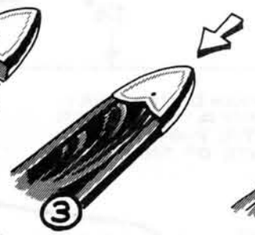
INSTALLING METAL TIPS IS NOT DIFFICULT, IF A LITTLE CARE IS USED. FOREIGN-MADE BUCKLE SETS USUALLY VARY IN SIZE, AND MORE TRIMMING AND SKIVING MAY BE NECESSARY THAN USUAL. FOLLOW THE INSTRUCTIONS BELOW.



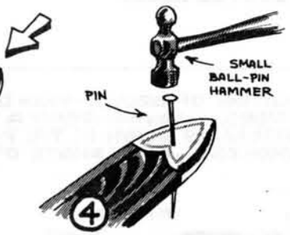
① SKIVE NECESSARY THICKNESS OFF BILLET END TO ACCOMODATE TIP.



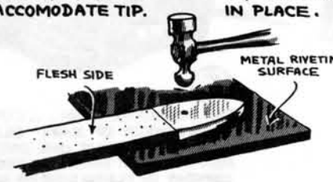
② IF NECESSARY, TRIM OFF SIDES SO THAT METAL TIP WILL FIT SNUGLY IN PLACE.



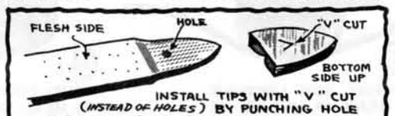
③ PUSH THE METAL TIP ONTO THE BILLET END, AS SHOWN ABOVE.



④ SILVER PINS USUALLY COME WITH BUCKLE SETS. IF NOT AVAILABLE...USE REGULAR, HEAVY PIN—DRIVE IN HOLES.



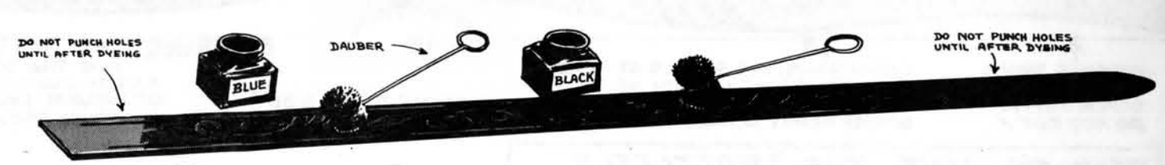
⑤ CUT OFF END OF PIN AS CLOSE AS POSSIBLE AND RIVET SLIGHTLY, TO HOLD PIN FROM FALLING OUT.



INSTALL TIPS WITH "V" CUT (INSTEAD OF HOLES) BY PUNCHING HOLE IN BILLET END. SLIP TIP IN PLACE... PUSH POINT OF "V" INTO HOLE—TO LOCK IN PLACE.

HOW TO DYE BELTS BLACK

NOTE: EDGE THE BELT... BUT DO NOT BURNISH EDGES UNTIL AFTER DYEING!



① DISSOLVE A TEASPOON OF OXALIC ACID CRYSTALS IN A QUART OF WATER. DIP SPONGE IN SOLUTION.....AND CLEAN CARVED SURFACE OF BELT TO REMOVE ALL OILY FINGER STAINS, WAX, ETC., FROM THE LEATHER.

OXALIC ACID CAN BE PURCHASED AT ANY DRUG STORE.

② AFTER LEATHER HAS DRIED FROM OXALIC CLEANING..... USE DAUBER AND DYE BELT BLUE, GREEN, OR BROWN. THIS ACTS AS A PENETRATING BASE FOR THE BLACK DYE. DYE THOROUGHLY.

③ NEXT, GIVE BELT A GOOD COATING OF BLACK DYE. BE CAREFUL NOT TO SLOP DYE OVER EDGES.....TO RUN ONTO THE BACK SIDE OF BELT. *BE NEAT!*

④ WHEN DYE IS DRY... APPLY A LITTLE WATER TO CARVED SURFACE AND RUB BRISKLY WITH A SOFT, DRY CLOTH. THIS REMOVES LOOSE FLAKES OF BLACK.... AND CLOSES THE LEATHER PORES.

⑤ APPLY ANOTHER COATING OF BLACK DYE ...ALLOW TO DRY. REPEAT STEP 4. CONTINUE RUBBING UNTIL THE BLACK STOPS RUBBING OFF AND BELT BEGINS TO POLISH.

⑥ BURNISH THE EDGES ...DYE THEM BLACK. (SEE CLOTHES-PIN "TIP" ON PAGE 6). BURNISH EDGES THOROUGHLY. APPLY FINISH COAT OF LEATHER DRESSING TO "SET" THE BLACK DYE.

⑦ BACKGROUND CAN BE DYED WHITE ...OR OTHER LIGHT COLOR..... IF DESIRED..... TO ENHANCE THE APPEARANCE OF THE DESIGN... SEE INDEX PAGE.

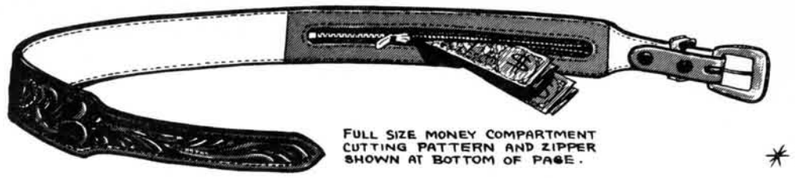
"SPEED" STAMPING DESIGNS

- *PUSH-BEVEL* *
- *VEIN*
- *SHADE*
- *BACKGROUND*

* SEE PAGE 5 ABOUT PUSH-BEVELERS

THE PATTERNS AT LEFT HAVE BEEN DESIGNED FOR MONEY-MAKING, FAST COMPLETION.... WITH A LIMITED NUMBER OF TOOLS. ALL THE BEVELING IS DONE WITH A PUSH-BEVELER. FOR GREATEST SPEED, BEVEL ALL CUTS ON ONE SIDE FIRST.... TURN BELT... AND MAKE REMAINING BEVELS. USE VEINERS... AS SHOWN ON PHOTOS... PEAR SHADE, AND BACKGROUND. *EASY AS THAT!*

NOTE: TRACING PATTERN SHOWN, IS ONLY ½ OF "REPEAT" SECTION.!

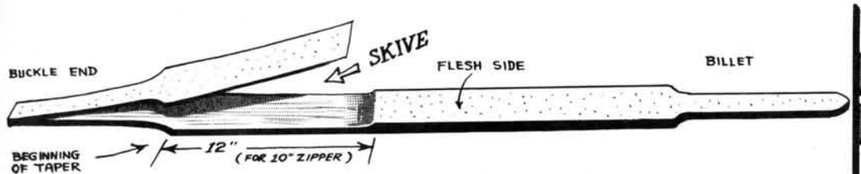


FULL SIZE MONEY COMPARTMENT CUTTING PATTERN AND ZIPPER SHOWN AT BOTTOM OF PAGE.

HOW TO MAKE MONEY BELTS

ZIPPERED MONEY COMPARTMENTS.... CAN BE ADDED TO MOST OF THE BELTS SHOWN IN THIS BOOK. FOR BEST RESULTS, HOWEVER, ZIPPERED MONEY COMPARTMENTS SHOULD ***NOT*** BE PUT ON BELTS ***LESS*** THAN 1¼" IN WIDTH.

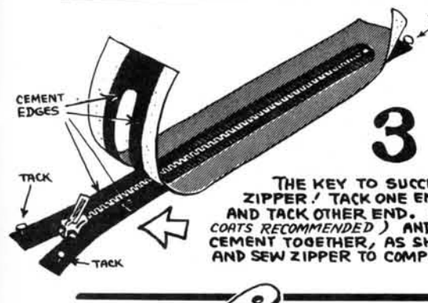
✶ ***FOLLOW ASSEMBLY INSTRUCTIONS — BEGINNING WITH STEP 1 !***



1 AFTER CARVING BELT, TURN FLESH SIDE UP AND SKIVE ABOUT 1/4TH OR 1/3RD THICKNESS OFF BELT AS SHOWN. FOR UNIFORM SKIVE.... IT IS BEST TO USE A SPLITTING MACHINE. IF YOU DO NOT HAVE ONE, YOUR LOCAL LEATHER SHOP MAY SKIVE THE BELT FOR YOU. IF NOT AVAILABLE, USE ONE OF THE SKIVING METHODS SHOWN ON PAGE 6.

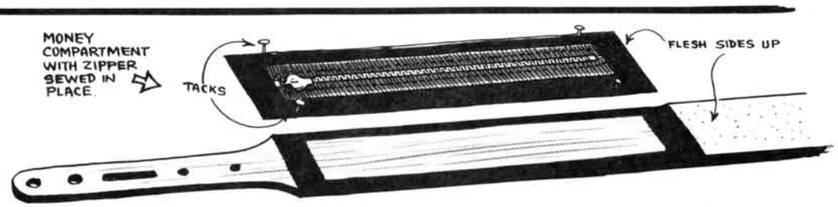


2 RE-CHECK BELT SIZE...TRIM, IF NECESSARY. SET THE GOUGE COMPASS AT ABOUT 1/8" AND GOUGE A CHANNEL, FOR SEWING THREAD, COMPLETELY AROUND BELT. PUNCH ALL HOLES.... AND THE BUCKLE TONGUE SLOT.

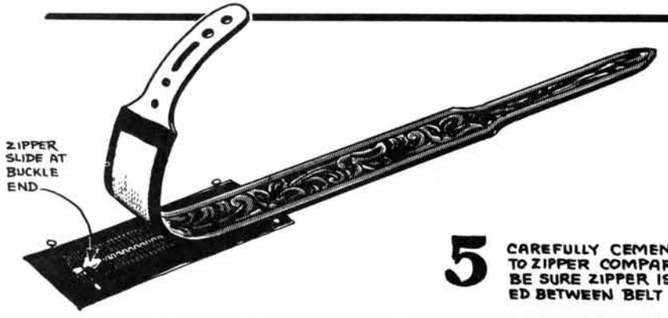


3 CUT MONEY COMPARTMENT LEATHER FROM PATTERN AT BOTTOM OF PAGE. USE 1½ oz. LINING CALF-GOAT- PIGSKIN - OR ANY LIGHT-WEIGHT VEGETABLE OR BARK-TANNED LEATHER.
DO NOT USE SKIVER OR CHROME-TANNED LEATHERS, AS EDGES WILL NOT BURNISH!

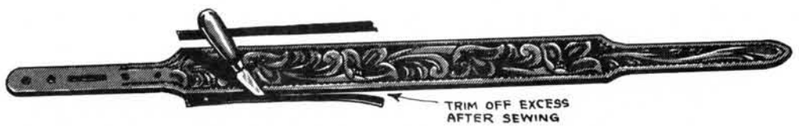
THE KEY TO SUCCESSFUL ZIPPER INSTALLATION...IS A TIGHT ZIPPER! TACK ONE END OF ZIPPER TO BENCH...STRETCH TIGHTLY AND TACK OTHER END. CEMENT EDGES OF ZIPPER TAPE (*TWO COATS RECOMMENDED*) AND FLESH SIDE OF COMPARTMENT LEATHER; CEMENT TOGETHER, AS SHOWN. AFTER CEMENTING, REMOVE TACKS AND SEW ZIPPER TO COMPARTMENT...(*SEE CUTTING PATTERN BELOW*).



4 APPLY CEMENT TO FLESH SIDES OF BELT AND MONEY COMPARTMENT, AS SHOWN BY DARK AREAS ABOVE. TO BE SURE OF A TIGHT, EASY-SLIDING ZIPPER.... TACK ONE END OF ZIPPER COMPARTMENT TO BENCH. PULL TIGHTLY AND TACK OTHER END. *SEE CUTTING PATTERN BELOW FOR POSITION OF TACKS.*



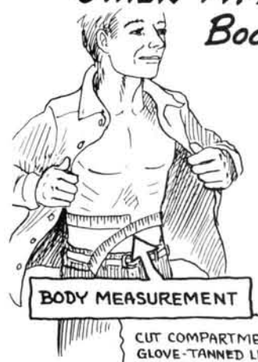
5 CAREFULLY CEMENT BELT TO ZIPPER COMPARTMENT. BE SURE ZIPPER IS CENTERED BETWEEN BELT EDGES.

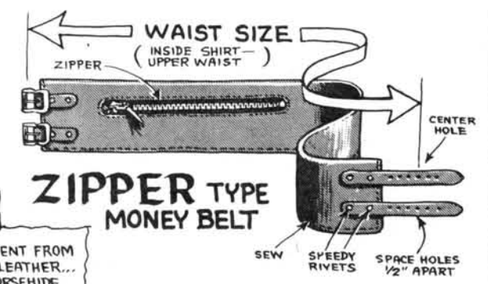


6 SEW COMPLETELY AROUND BELT.... STITCH IN THE GOUGE CHANNEL. BY SEWING COMPLETELY AROUND BELT, THE MONEY COMPARTMENT IS NOT OBVIOUS WHEN BELT IS WORN. BELT CAN BE HAND-SEWED... OR SEWED BY MACHINE. YOUR LOCAL LEATHER SHOP - OR SHOE REPAIR WITH A HEAVY DUTY MACHINE SHOULD BE ABLE TO SEW IT FOR YOU. TRIM OFF EXCESS COMPARTMENT LEATHER, EDGE AND BURNISH — INSTALL THE SNAPS.

OTHER TYPES OF MONEY BELTS

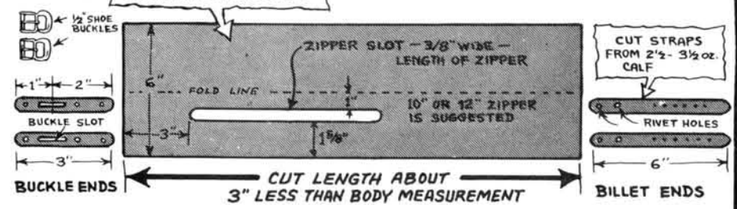
Body Belts CONCEALED UNDER CLOTHING





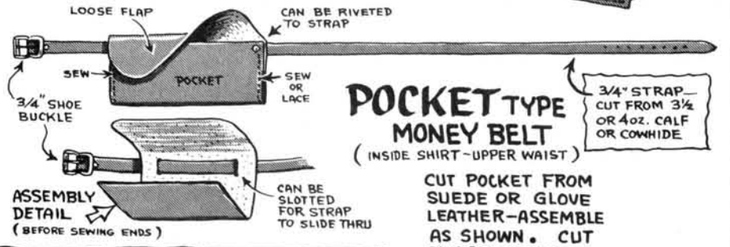
ZIPPER TYPE MONEY BELT

CUT COMPARTMENT FROM GLOVE-TANNED LEATHER... BUCKSKIN OR HORSEHIDE.



CUT PARTS TO MEASUREMENTS SHOWN ABOVE.... AND FROM THE MATERIALS AS INDICATED. SEW ZIPPER IN POSITION IN SLOT. FOLD COMPARTMENT LEATHER ON FOLD LINE... AND SEW ENDS AND ACCROSS BOTTOM. SLIP BUCKLES ON BUCKLE END LEATHERS AND RIVET TO COMPARTMENT. ALSO RIVET BILLETS IN PLACE AS SHOWN IN THE DRAWING OF COMPLETED BELT ABOVE. BELT IS READY TO WEAR.





POCKET TYPE MONEY BELT
(INSIDE SHIRT-UPPER WAIST)

¾" STRAP — CUT FROM 3½ OR 4 oz. CALF OR COWHIDE

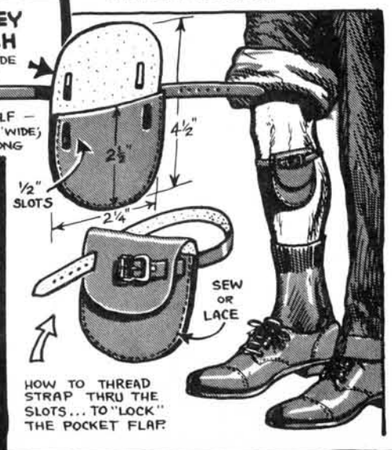
CUT POCKET FROM SUEDE OR GLOVE LEATHER-ASSEMBLE AS SHOWN. CUT ANY SIZE DESIRED.

LEG MONEY POUCH

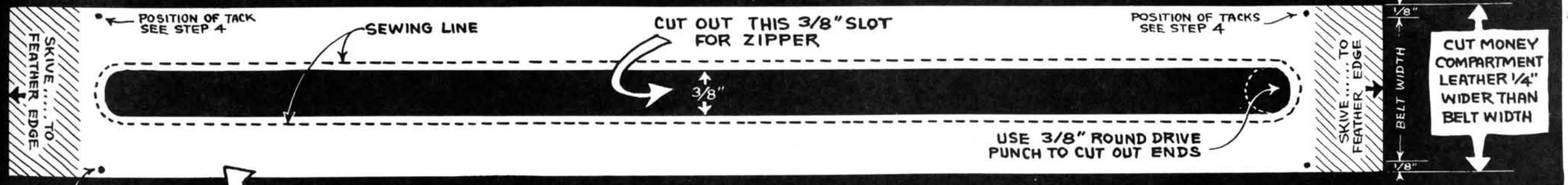
CUT POUCH FROM SUEDE OR GLOVE LEATHER

½" SHOE BUCKLE

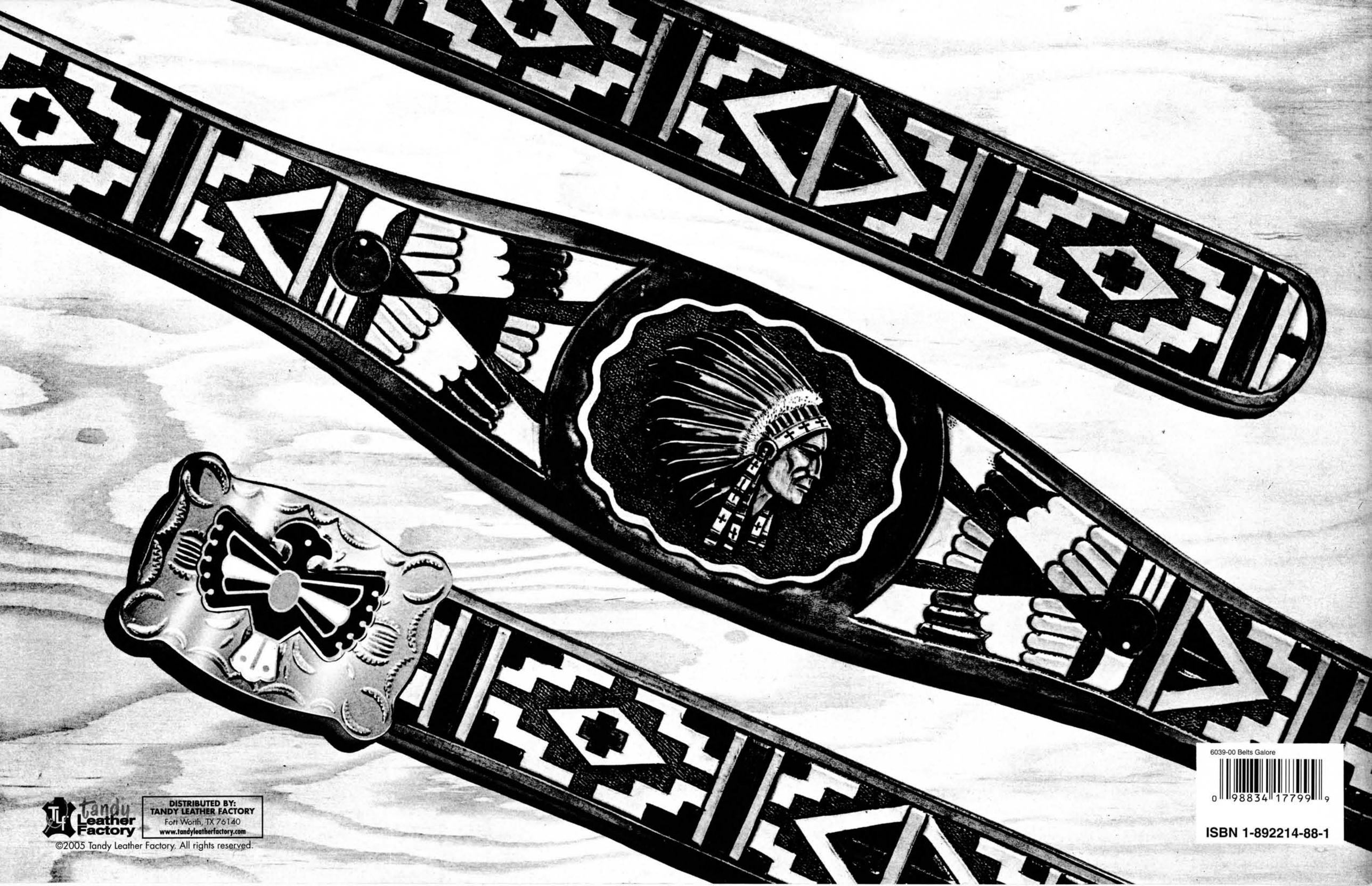
2½ oz. CALF — CUT STRAP ½" WIDE) APPROX. 18" LONG







MONEY COMPARTMENT *CUTTING PATTERN* FOR 10" ZIPPER & 1¼" BELT (FOR 12" ZIPPER....CUT LEATHER 14" LONG.)



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