



1956

CRAVOTTA BROTHERS

**MANUFACTURERS OF
BLACK HAWK® ARCHERY EQUIPMENT**

**CATALOG of ARCHERY
TACKLE and RAW MATERIAL**

**Office and Warehouse — 3rd Street — East McKeesport, Pa.
Phone: BRandywine 1-5910**

CATALOG No. 4

"Archery is the King of Sports."

"Every Archer Hunter is a True Conservationist."



All prices are F.O.B. East McKeesport, Pa.

On orders, net cost from \$500 to \$1,000, we allow 50% Freight.

On orders of \$1,000 or more net, we allow Full Freight.

All freight shipments are shipped Collect.

Freight Rate will be based on lowest cost transportation, which is normally motor freight.

If customer requests other methods of shipment, we reserve the right to make allowance.

All C.O.D. orders — 25% deposit required

Any orders on open account must be accompanied by references or a good credit rating with Dunn and Bradstreet or the Credit Bureau.

Please allow us time to check your Credit Rating.

Prices subject to change without notice.

We reserve the right to change specifications of any merchandise listed in this catalog without notice to the customer.

TO OUR CUSTOMERS, THE SPORTING GOODS DEALER AND JOBBER:

We firmly believe that the Sporting Goods Dealer of the United States serves the most discriminating clientel in the world, and with this belief in mind, we have strived and are striving to supply you with a complete line of the finest archery tackle that can possibly be produced and assembled for distribution anywhere.

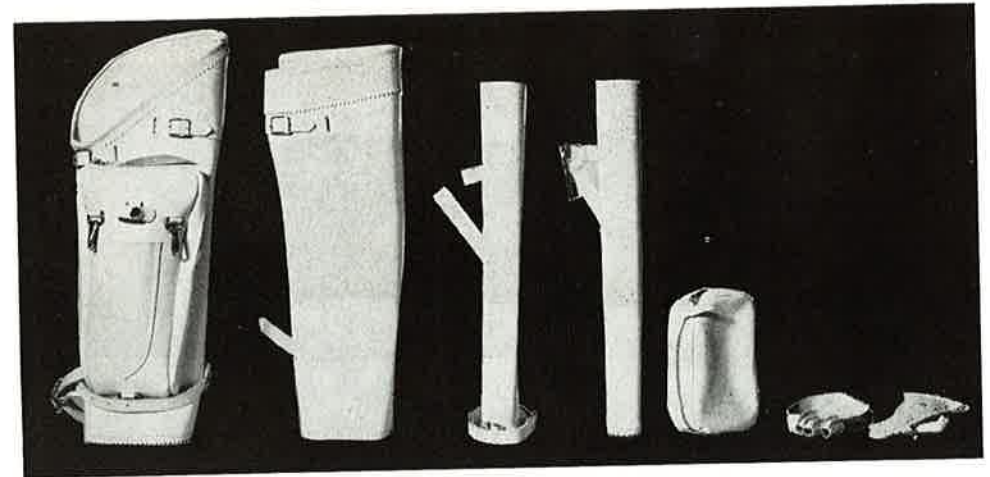
Our bows have a history of many years of research and design by some of the best known technicians of our times. They have not been manufactured merely as another item to be produced and sold, but are the fruits of the skill of these technicians; the careful design to achieve the ultimate; the rigid specifications of tested prime materials combined with the skill of the bower's art to achieve a bow that will give the ultimate in cast and in smoothness, in speed and in impact, a bow that is truly a jewel among bows. We are proud of the results, and grateful to the sportsmen for their ever increasing demand for Black Hawk products — a demand that has indeed forced us to expand our production facilities many times in the past years, in order that we can better serve these demands.

We have found through exhaustive research, that a bow properly designed and properly balanced must, in order to achieve perfection, be produced by a combination of materials that, fortunately for the archers sake, have been made available in the last few years by the rapid technological advances in the field of laminates and resins, and skillful design and craftsmanship. We use only the highest quality of selected hardwoods, high elevation maple, osage, walnuts and other semi-precious woods in our bows, carefully cut and tapered in our own shops, under skillful supervision, combined with carefully made and selected glass backing and facing, and welded with the finest resins available.

In the following pages, you will find listed and pictured the finest equipment available for your display and sales to your customers, carefully manufactured Black Hawk equipment, that has undergone the rigid tests that our bows have, each item a gem in its own field—Black Hawk Arrows, Black Hawk Accessories, Black Hawk Aluminum (that has swept the country), Targets, Nocks and Points, Black Hawk Strings, and many other items manufactured by us, also the finest leather goods available, combined with accessories, in short a complete line of archery equipment that will eliminate all your headaches. You can fully stock your shop from one source, with the gratifying knowledge that you have the best for your customers, and best for yourself.

CRAVOTTA BROTHERS.

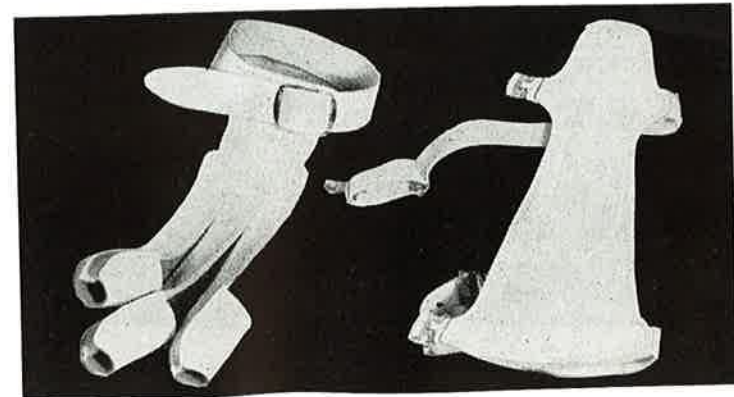
BLACK HAWK® WHITE QUIVERS



630LW \$19.95	610W \$9.75	660W \$4.50	670W \$4.50	800W also in Brown 800B \$4.50	520W \$2.25	300W \$1.65
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The luxurious white quivers, arm guards and gloves are made with top grain white elk. We also produce a No. 630LWB (not illustrated) which is top grain Brown or Black elk and white and is a very desirable number which sells for the same price as the No. 630LW. These luxurious white quivers always excite the ladies.

BLACK HAWK® ARM GUARDS AND GLOVES



520W \$2.25	300W \$1.65
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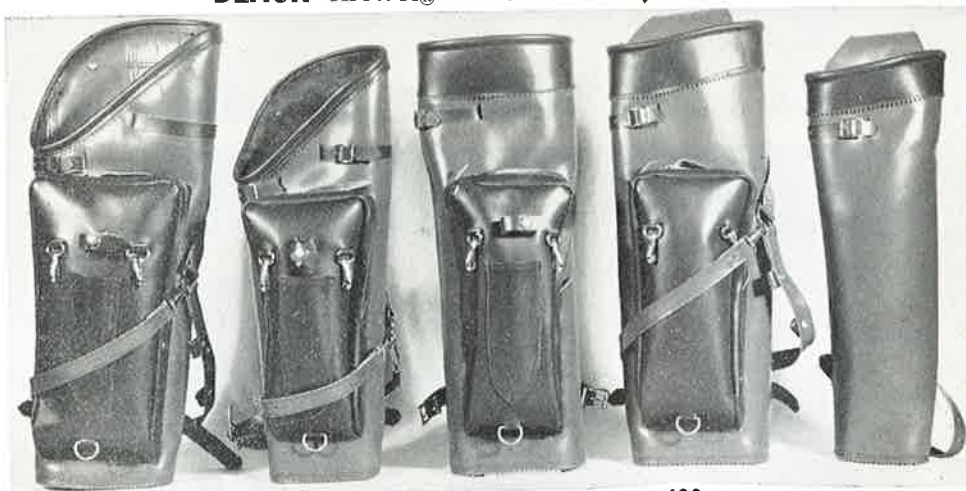
BLACK HAWK® QUIVERS



630	630L	625	620	610	600	885
\$19.50	\$18.50	Centerback	\$13.95	\$8.95	\$4.50	Arrabuk
		\$14.95				Brown or Green
						\$2.25

Black Hawk® Dark Brown Elk Quivers. This quiver is made of the finest top grain elk available and it features two-strap design. Secondary strap, buckled to opposite side of quiver, circles waist and snaps in regular shoulder strap. Adjustable for individual comfort. Harness is included on first four quivers, Nos. 630, 630L, 625 center back and 620. L following number signifies small quiver suitable for ladies and small men. These quivers have many fine features including pencil holders, file holders, knife sheaths. D-rings for carrying ropes, snap hooks for carrying licenses, etc., and the workmanship is unexcelled.

BLACK HAWK® TWO-TONE QUIVERS



630	630L	625	620	610
Two-Tone	Two-Tone	Two-Tone	Two-Tone	Two-Tone
\$19.50	\$18.50	\$14.95	\$13.95	\$8.95

The specification for the two-tone quivers are identical to the Dark Brown Elk Quivers except a light-colored top grain brown elk leather is used for the body.

BLACK HAWK® QUIVERS



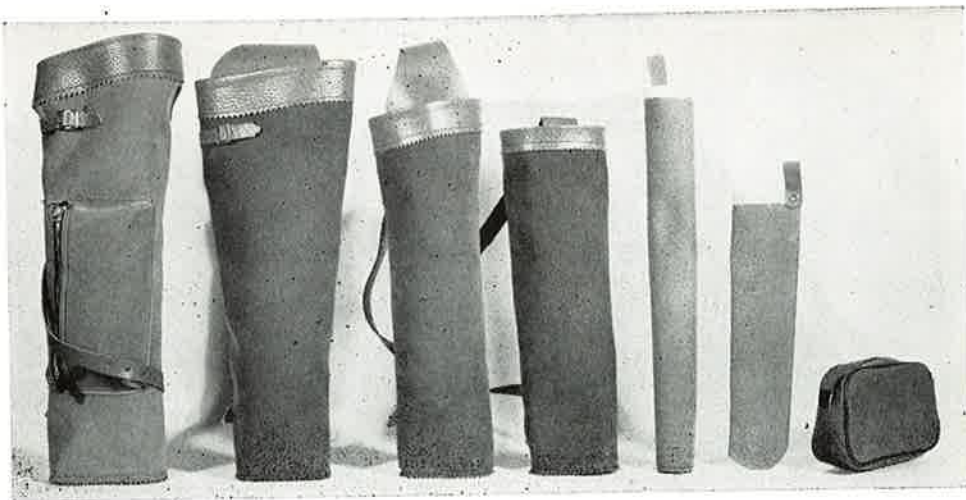
6305	630LS	6255	6205	6105	6005
\$14.95	\$13.50	\$11.95	\$10.95	\$7.50	\$3.95

The Beaver grain quivers carry the same specifications as the Dark Elk and Two-Tone Quivers, except they are made of a split grain leather. These are very popular with most archers.



6605	6705
\$3.00	\$3.00

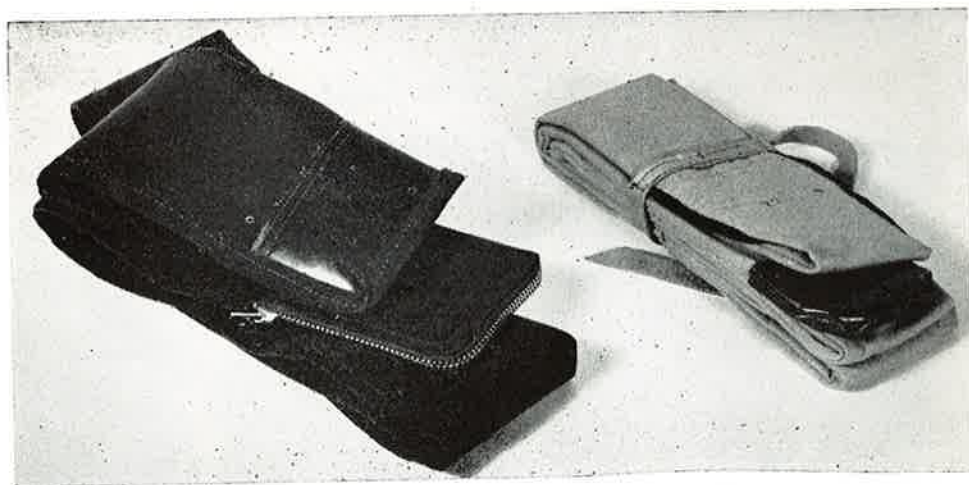
FOR THE BEGINNERS AND YOUNGSTERS



685	684	683	682	650	655	885
\$5.95	\$4.00	\$3.25	\$2.50	\$1.10	50c	\$2.25

One of the finest low-priced quivers in its class. A very fast mover. Available in brown and green.

BLACK HAWK® BOW CASES



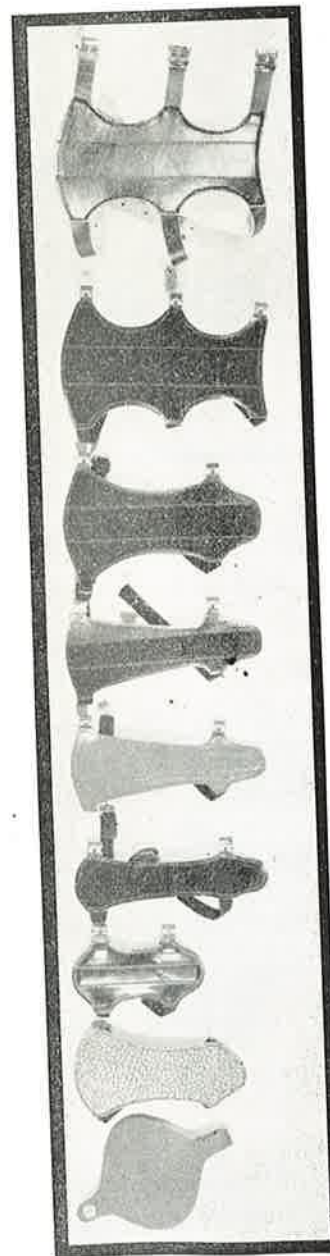
720
\$3.50

700
\$1.65

Arrabuk case has full top zipper and leather reinforced bottom. Canton Flannel case has leather ties.

720	Arrabuk. 2" lengths, 5' to 6'	.....\$3.50
700	Canton. 62", 66", 72" only	..... 1.65

BLACK HAWK® ARM GUARDS



320B—\$3.00

Large, extra width hunting guard with one-inch wide steel stay and three leather straps and buckles to fit over large arm area.

320—\$2.75

Same as 320B, except having elastic bands instead of leather straps.

310—\$2.00

Full length, wide, with one-inch stay for full protection.

300—\$1.50

Semi-narrow, tapered design provides coolness, yet ample protection.

301—\$1.25

Same as 300, but made of Kip leather, not Cordovan.

305—\$1.35

Full length guard, but with extremely narrow design.

300S—\$1.35

"Shorty," only 4¾" long. Favorite with many archers.

300K—75c

Leather guard with Arrabuk lining. Elastic band with hook.

350—50c

Split grain leather for the kids. With adjustable snap fastener.

BLACK HAWK® GLOVES



510K—\$1.25

Leather back with open Cowhide tips.

510—\$1.65

Leather back with open Cordovan tips.

520—\$2.00

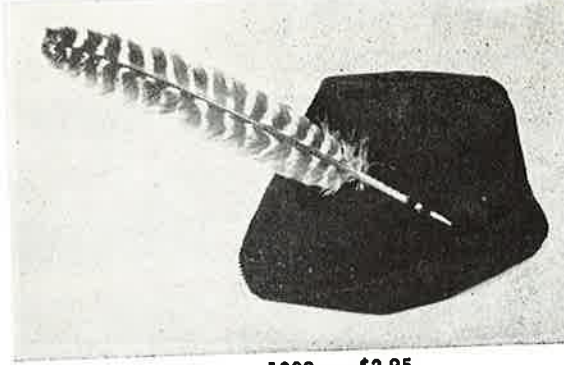
Open Cordovan tips, elastic insert back.

530—\$2.25

Closed-end styled with Cordovan tips. Elastic insert keeps glove back smooth, and finger stalls snug. Relieves wrist-strap tension.

GLOVE SIZES: Men: small, medium, large and extra large. Ladies: medium and large only.

GLOVE TABS: small, medium and large.
TABS: small and large.



1000 — \$2.95

BLACK HAWK® ARCHERS HAT

Made of very soft suede leather. Available in three colors: red, green and rust.

BLACK HAWK® TABS AND GLOVE TABS

551GT—95c — Cowhide Glove-Tab. Provides glove protection with tab hand-freedom.

550GT—\$1.45—Cordovan Glove-Tab.

550 Small CFT—45c — Cordovan Finger Tab.

551 Large—25c—Cowhide Finger Tab



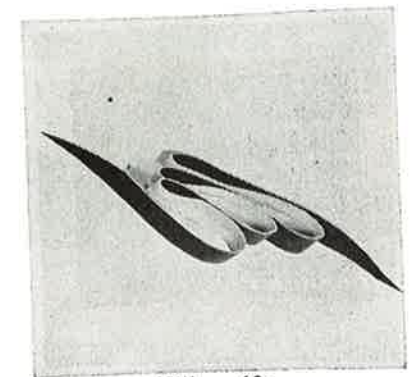
550GT—\$1.45; 250 Small—45c; 550 Large—45c
ILLUSTRATED
551GT—95c; 551 Small—25c; 551 Large—25c
NOT ILLUSTRATED



P. Q. — \$1.50

BLACK HAWK® HIP POCKET QUIVER

Has arrow divider, pocket flap, and belt slots.



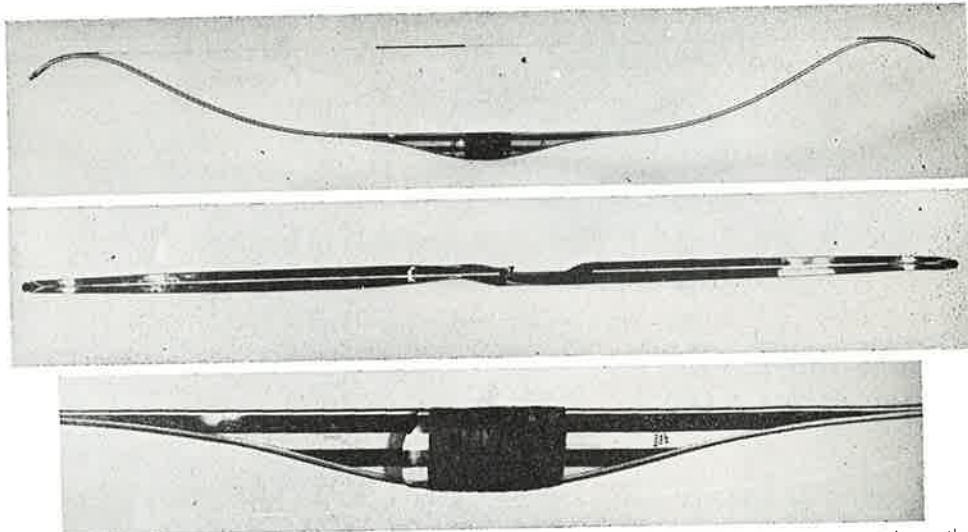
LRW — 60c

BLACK HAWK® LEATHER REWRAPPING FOR BOW HANDLES

Skived completely around the strap for ease of application and fitting.

BLACK HAWK® BOWS

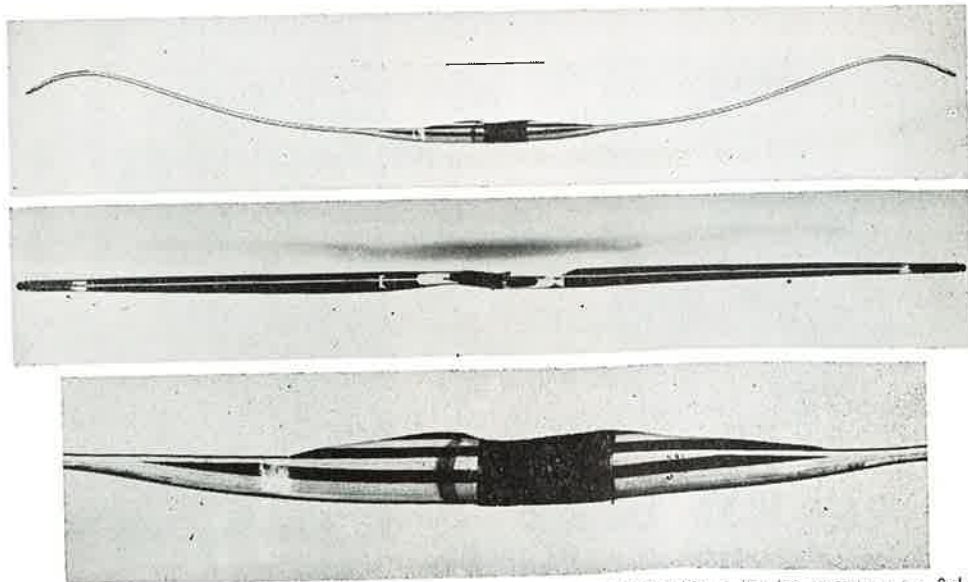
THE BLACK HAWK® WARRIOR



BLACK HAWK® WARRIOR is guaranteed for one year and is constructed of the same materials as the Chief; has an offset forward type handle or riser. It is an ideal bow for target, field or hunting, and will accommodate arrows up to 28"; the length of bow is 5'1", and weights from 30 to 65 pounds at 28" draw.

The Black Hawk Warrior, List Price\$52.00

THE BLACK HAWK® CHIEF

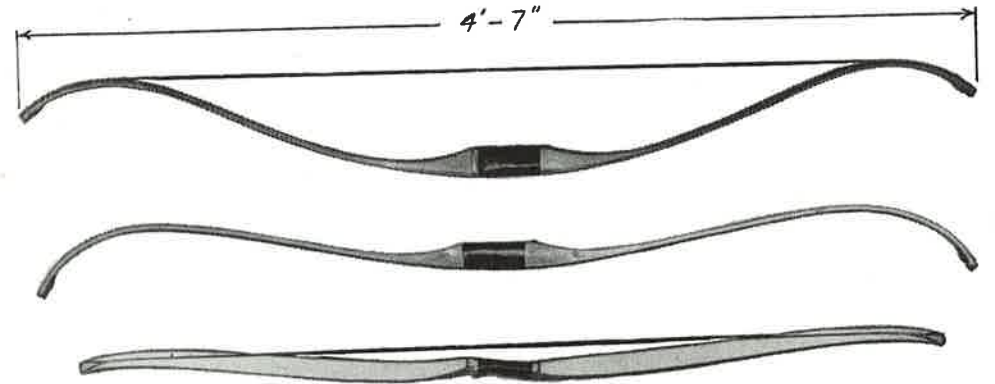


THE BLACK HAWK Chief BOW is designed primarily for target shooting; it is also excellent for field and hunting. The speed and trajectory is amazing; the material and workmanship are of the finest. The composition of this bow consists of glass backing and facing, maple cores and two-tone handles or risers made of maple and walnut wrapped with a beautiful leather grip. The bow is guaranteed for one year. The bows come in one length 5'8" and weights from 30 to 60 pounds at 28" draw.

The Black Hawk Chief, List Price\$65.00

BLACK HAWK® BOWS

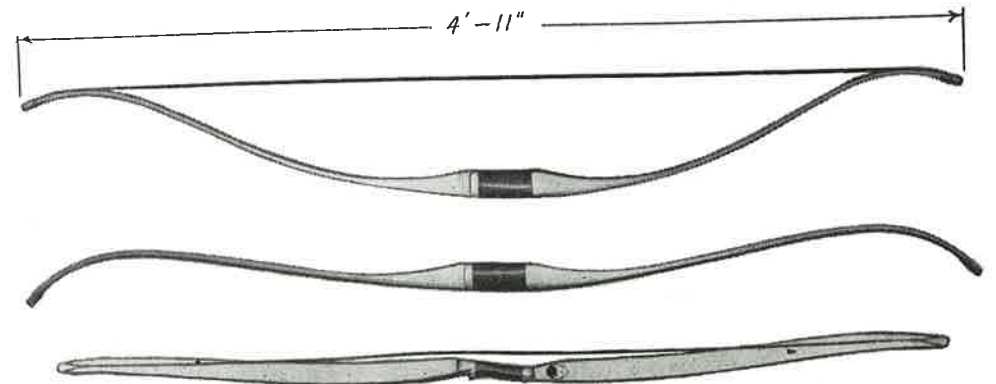
THE BLACK HAWK® HORNET



This bow is guaranteed for one year. Bows are available in two lengths: 62" and 58½" unbraced; braced, the lengths are, respectively, 4'11" and 4'7". Bows are made in weights from 30 lb. to 70 lb. at 28" draws.

The Black Hawk Hornet, either length, List Price\$56.00

THE BLACK HAWK® WASP

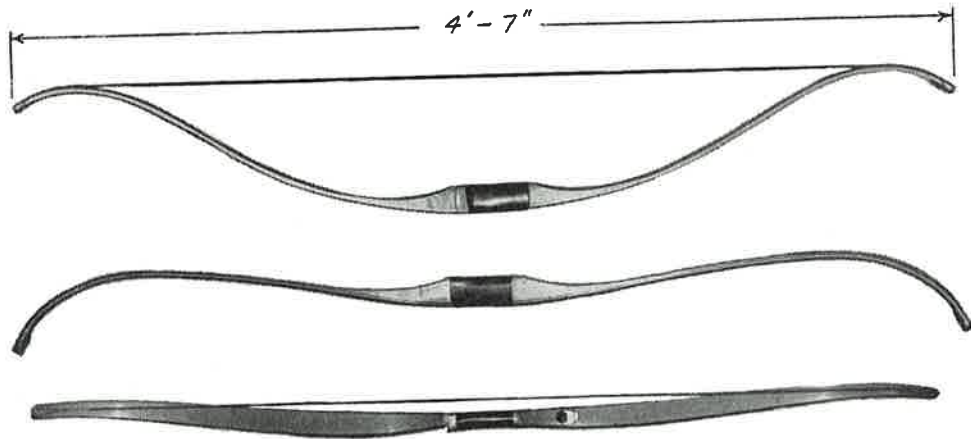


This bow is guaranteed for one year. Bows are available in two lengths: 62" and 58½" unbraced; braced, the lengths are, respectively, 4'11" and 4'7". Bows are made in weights from 25 lb. to 65 lb. at 28" draws.

The Black Hawk Wasp, either length, List Price\$48.00

BLACK HAWK® BOWS

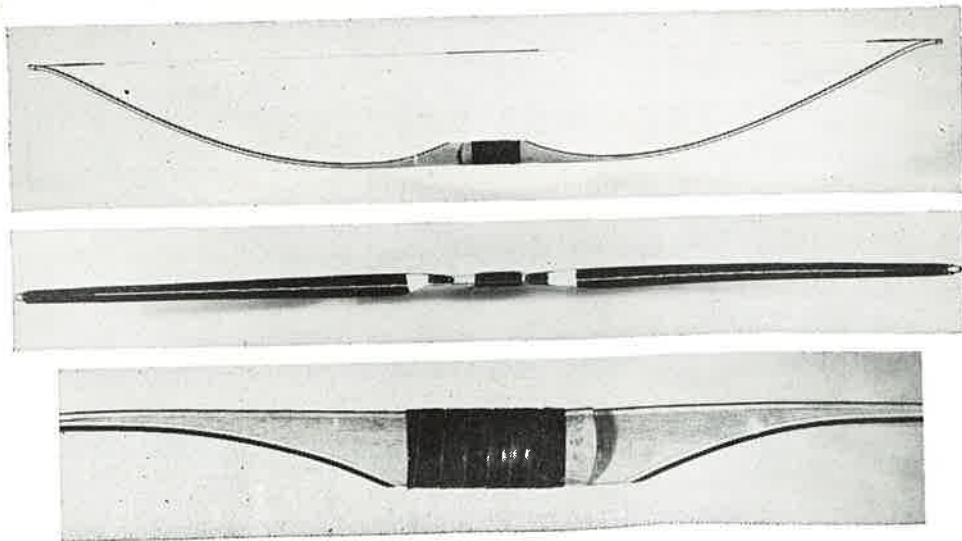
THE BLACK HAWK® BEE



This bow is guaranteed for one year. Bows are available in two lengths: 62" and 58½" unbraced; braced, the lengths are, respectively, 4'11" and 4'7". Bows are made in weights from 25 lb. to 60 lb. at 28" draws.

The Black Hawk Bee, either length, List Price\$34.00

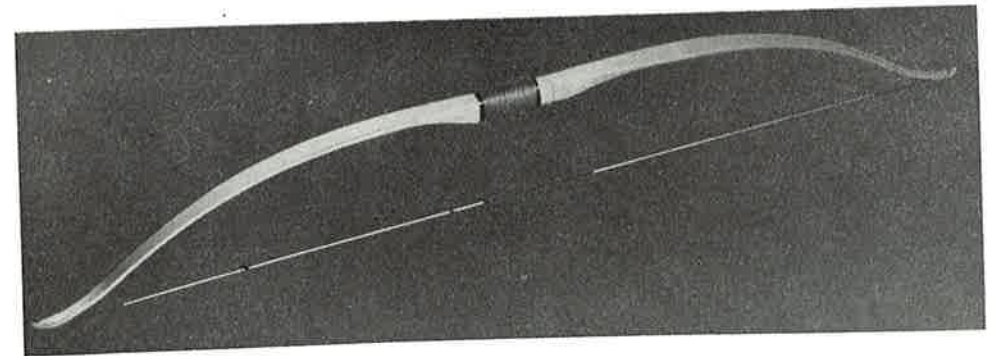
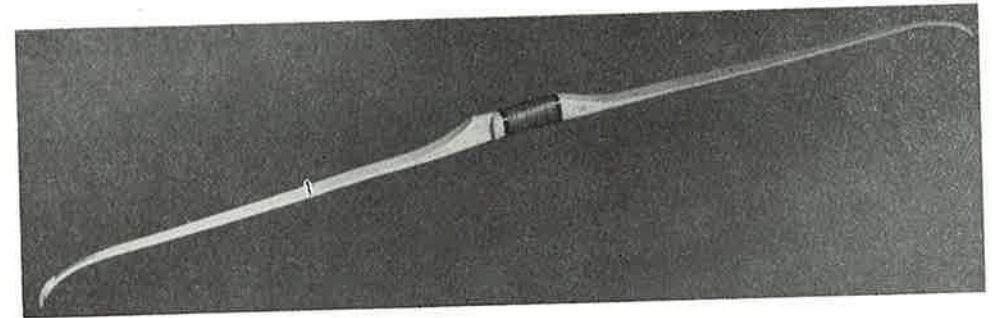
THE BLACK HAWK® YELLOW JACKET



THE BLACK HAWK YELLOW JACKET BOW is a straight limb bow, designed for target, field and hunting; is very rugged and fast. It consists of glass backing, hickory, maple and composition facing. The length of bow is 5'6" and bow weights are from 30 to 60 pounds at 28" draw.

The Black Hawk Yellow Jacket, List Price\$22.95

BLACK HAWK® BOWS

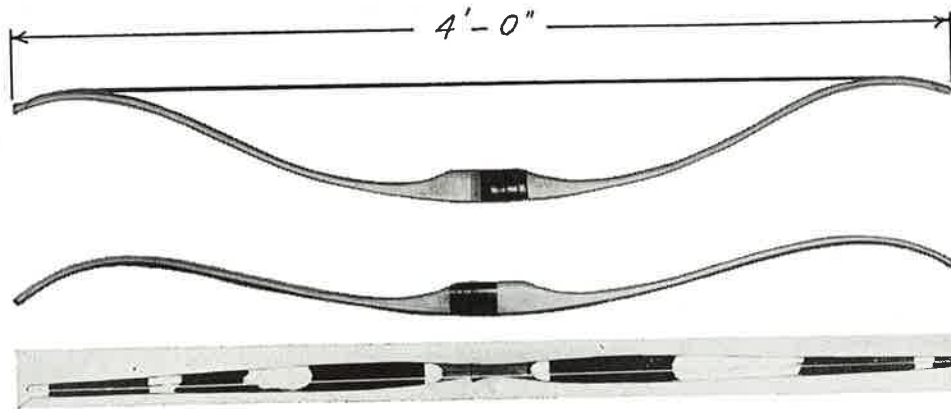


The Black Hawk® Scorpion is a bow designed for the ladies and the youngsters who do not draw over 26". The backing consists of fiberglass, and the rest of the bow is made of the finest materials used in the making of composite bows. The bow nocks are made of nylon and the string is of dacron. The weights of this bow range from 15 to 40 lbs.; the length of the bow unbraced, is 58" from tip to tip.

The Black Hawk® ScorpionList Price, \$18.95

BLACK HAWK® BOWS

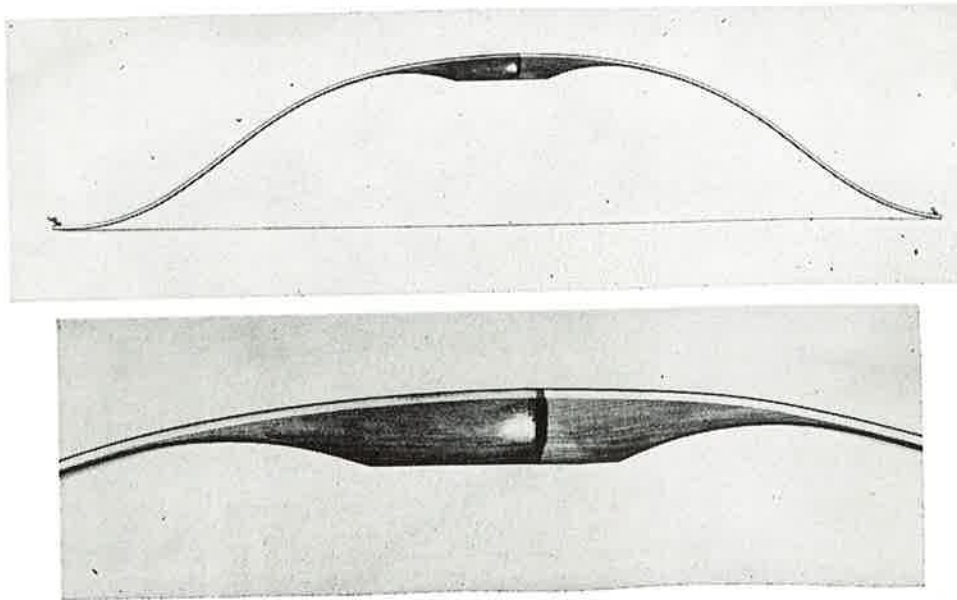
THE BLACK HAWK® MOSQUITO



THE BLACK HAWK MOSQUITO is a bow designed for the youngster who wants a bow that looks and shoots like Daddy's bow. As far as we know, we believe that this is the only kid's working recurve bow being made commercially to sell at this amazing, low price. The bow consisting of backing, hickory, maple and composition facing, nylon bow nocks, and dacron string, weighs from 15 to 35 pounds at 25" draw. Bow comes packaged two to the carton.

The Black Hawk Mosquito, List Price\$10.95

THE BLACK HAWK® FLEA



THE BLACK HAWK FLEA BOW is a bow designed for the kiddies from three to ten years old, it is similar to the Mosquito except it is lighter in weight and it comes with a linen or hemp string, has no bow nocks and no wrappings on the handle. The bow is practically indestructible; comes packaged two to a carton, no weights specified.

The Black Hawk Flea, List Price\$8.95

ARCHERY SETS - ARCHERY FISHING TACKLE



BLACK HAWK MOSQUITO ARCHERY SET consists of: 1 Black Hawk Mosquito Bow with specific weight - 3 Arrows - 1 Tab - 1 Target Face - 1 Arm Guard - 1 Belt Quiver. Beautifully packaged in a telescoping box—An ideal set for the beginner from 8 to 14 years old; and also for the ladies.

List Price (as illustrated) \$14.95

(Note: Shipped 12 sets to a master carton, but will ship in smaller quantities, if desired.)



BLACK HAWK FLEA ARCHERY SET consists of: 1 Black Hawk Flea Bow, no weight specified - 3 Arrows - 1 Tab - 1 Target Face - 1 Arm Guard - 1 Belt Quiver. Beautifully packaged in a telescoping box—An ideal set for kids 3 to 8 years old.

List Price (as illustrated) \$9.95

(Note: Shipped 12 sets to a master carton, but will ship in smaller quantities, if desired.)



THE BLACK HAWK ARCHERY OUTFIT is designed for the angler who loves to fish with bow and arrow. It has been proven successful and works as outfits costing many times more. Sold as a complete unit, consisting of: aluminum fishing arrow, one plunger reel, line included; packaged in an attractive tray, complete with instructions.

List Price, Complete Unit, \$14.95

List Price—Aluminum Arrow Only, \$3.95

List Price—Reel and Line Only, \$7.95

List Price—Fishing Points, each \$1.00

ALUMINUM ARROW LENGTH CHART

The following chart will help you order your aluminum arrows or shafts. Please order by bow weight and length, or number, for example: if you want arrows for a 40 to 45 lb. bow at 28" length then you should order No. 1816.

ARROW LENGTHS									
Bow Weights	23"	24"	25"	26"	27"	28"	29"	30"	
18-20			1516	1516	1616	1616	1716		
20-25	1516	1516	1518	1616	1616	1716	1716		
25-30	1516	1518	1518	1616	1616	1716	1716		
30-35	1516	1518	1616	1618	1716	1716	1816		
35-40	1518	1616	1618	1618	1716	1718	1816	1916	
40-45	1518	1618	1618	1716	1718	1816	1916	1916	
45-50	1618	1618	1718	1718	1816	1818	1916	2016	
50-55	1618	1718	1718	1818	1818	1820	1918	2018	
55-60		1718	1718	1818	1820	1918	2018	2018	
60-65		1718	1818	1820	1820	1920	2018	2018	
65-70					1920	2018	2018	2018	
70-75						2020	2020		

Hunting Arrows should take the shaft for the next weight up.

The first 2 numerals in above shaft sizes indicate outside diameter in 64ths. The second 2 numerals in above sizes indicate wall thickness in thousandths.

for example:—

No. 1616 is 1/4 diameter x .016 wall.

No. 1816 is 9/32 diameter x .016 wall

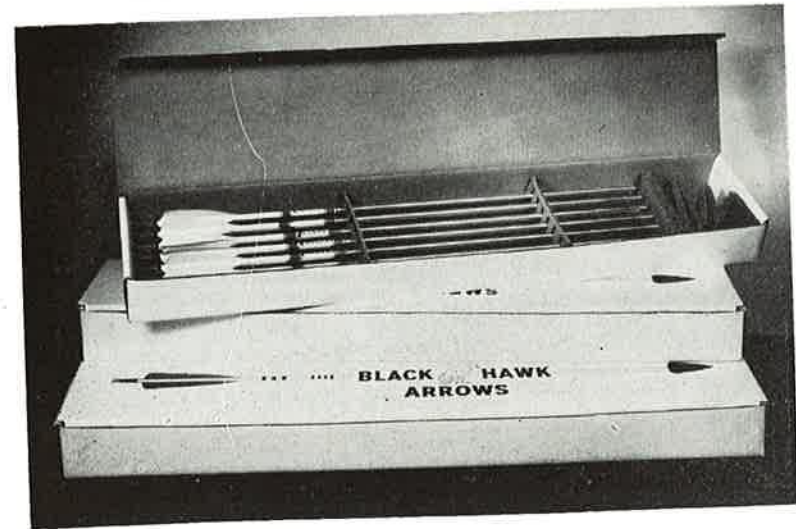
ALUMINUM SHAFTS, ARROWS AND POINTS

- Shafts only—without points\$14.00 per dozen, list price
- Shafts with points, not attached 17.00 per dozen, list price
- Shafts with points and Nocks attached 20.00 per dozen, list price
- Shafts with points attached 19.00 per dozen, list price
- Shafts for hunting points with standard taper 15.00 per dozen

If shafts are wanted cut to lengths please specify bow weight and draw length wanted. No shafts over 30 inches.

Field points are available in some sizes\$3.00 dozen

PRICES OF FINISHED ALUMINUM ARROWS



- Target Arrows List Price, Dozen \$27.00
..... 1/2-Dozen 14.00
- Field Arrows List Price, Dozen 28.00
..... 1/2-Dozen 14.50
- Hunting Arrows List Price, Dozen 30.00
..... 1/2-Dozen 15.50

Our choice of crests and feathers, and we guarantee that you will be pleased. If any custom work is ordered, add \$2.00 per dozen.

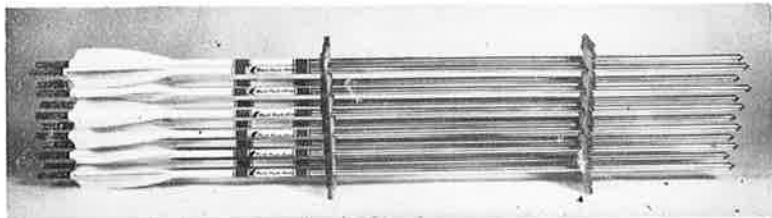
Hunting heads can be of your choice but they must be of standard taper. Please specify a second choice.

POINTS FOR ALUMINUM ARROWS

\$3.60 per dozen—Specify hole size in shaft and outside diameter of shaft or send sample of shaft to us.

ARROWS

- ALUMINUM TARGET ARROWS—List Price\$27.00 doz.
- ALUMINUM FIELD ARROW—List Price 28.00 doz.
- ALUMINUM BROADHEAD ARROWS—List Price 30.00 doz.



Aluminum Illustrated

Our aluminum is made from an alloy that has been developed specifically for arrows. From this alloy, we then process the aluminum to the highest standards and tolerances that are required for the manufacture of high-grade aluminum arrows. The Black Hawk Aluminum Arrows are in such demand, that at times we are many weeks behind on this fine product. They are used by the most discriminating archers and this alone proves, that the qualities are of the best. The workmanship and material used in this product are the finest available.

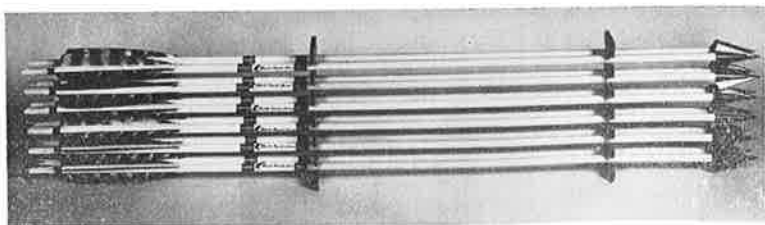
No. 1 BLACK HAWK ARROWS in 26" — 27" — 28" Lengths

Custom grade arrows are made from the finest materials that we can purchase. They are closely matched in weight and spine and are beautifully colored and crested. Please specify Bow weight and length of arrow. All arrows are packed 1 dozen to a box.

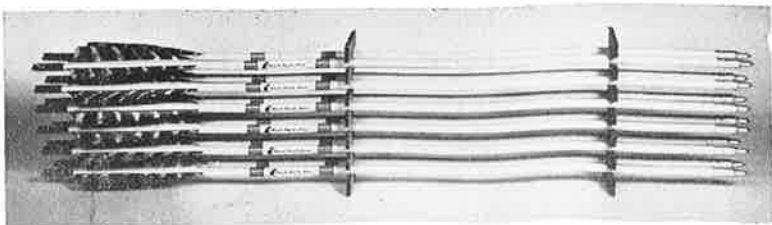
No. 1 CUSTOM GRADE

- Field or Target Points\$12.50 doz.
- Hunting Arrows 15.50 doz

We do not take Orders on any specified custom work



No. 1 Hunting



No. 1 Field

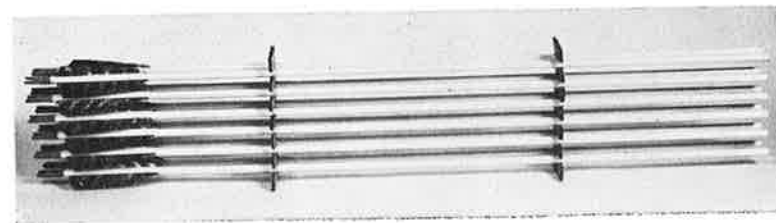
ARROWS

No. 2 ARROWS (Same specifications as No. 1)

- Field and Target Points\$11.00
- Hunting Points 14.00

No. 2 SPECIAL ARROW (as illustrated) is an arrow designed for the man who likes to do his own work. They are carefully made (with the same tolerances as our No. 1 Arrow) of the finest grade of material available, except they are not cut to length and no points are furnished or installed, and no fletching is applied. These small details can be done by the average craftsman with no special tools and materials can be saved by his efforts—and still have arrows of the finest quality.

- List Price—No. 2 Special, 4" Feathers\$7.00
- List Price—No. 2A Special, 5" Feathers 8.00



No. 2 Special

No. 3 ARROWS are fully pointed and crested, not spined or matched. Recommend for bows up to 40 lbs.

- Field or Target Points\$7.00

No. 4 ARROW is an arrow made primarily for the beginner and the kids. They are a very high quality product for this price and can also be used as a throw-away. They are fully crested and painted and have 3" Feathers, and are furnished with Target Points Only, in standard lengths of 26" and 28".

- Packaged 1 Dozen to a Box—List Price\$5.00
- Packaged 6 Dozen to a Display Box—List Price 4.00

No. 4 SPECIAL—An excellent kid's arrow to retail at prices of 29c to 35c. Self-nocked and ready to use.

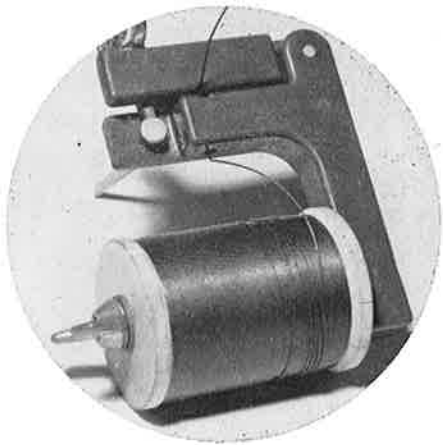
- Packaged 6 dozen to a rack. List Price, in Lots of 6 Dozen Only\$3.00

BLACK HAWK® SPIN SERVER

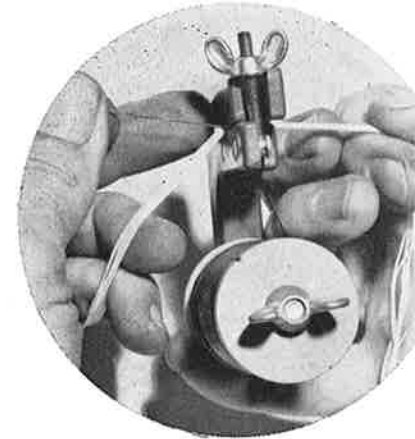
This server is made of a high impact Polystyrene plastic, almost indestructible. It is very simple to use and it is a must and a money saver for all archers. Illustration No. 1 is a complete picture of the product ready for use.

List price (including thread to serve approximately 60 strings.)\$2.95

Packaged one to a package in Polyethylene bag.



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ILLUSTRATED INSTRUCTIONS FOR USE

Illustration No. 2, shows the bow string laid in the groove of the server and the thread wrapped around a turn or two.

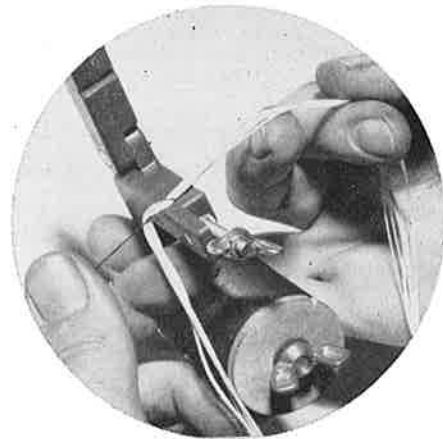
Illustration No. 3, shows a method of closing the cover. Make certain that the cover is snug but not tight.

Illustration No. 4, shows the server being prepared to spin.

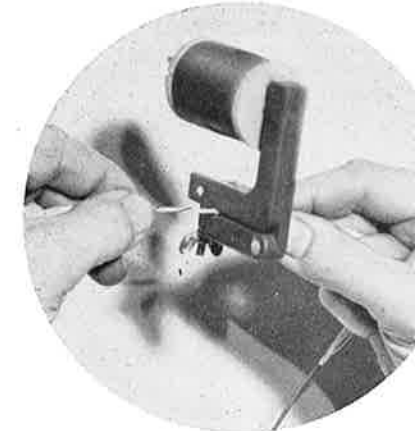
Illustration No. 5, shows the server spinning.

Illustration No. 6, shows the server after the string is served. The only operation left now is to tie the end of the string.

NOTE: Strings can also be served very nicely while they are on the bow.



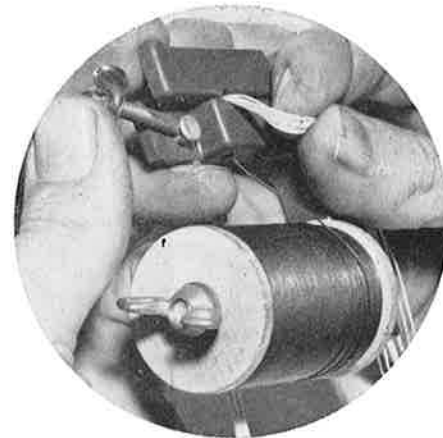
2



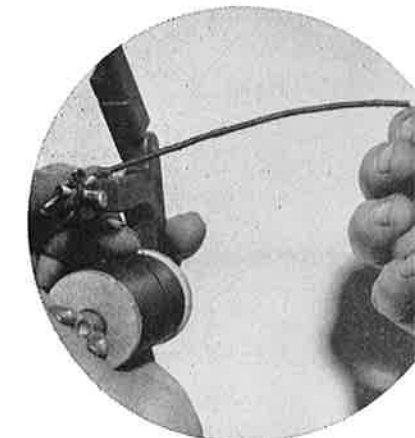
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ADDITIONAL INSTRUCTIONS AND HINTS

Make sure the tension on the spool of thread is adjusted so that it will run with a slight drag. This can be done by tightening the lock nut against the wing nut. Also, make certain the top cap on the server is not too tight. The server must spin freely and yet be snug around the string. Make sure that the server spins in the direction of the threads in the groove of the top and bottom section of the server shown in Illustration No. 2. With a little practice you should be able to make a good substantial serving in a few seconds. This server should give you several years of trouble-free service. The workmanship and material in this product is fully guaranteed.



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CRAVOTTA BROTHERS
East McKeesport, Pa.

RAW MATERIALS

BLACK HAWK® NOCKS



Nock Colors — White, Black, Green, Blue, Red and Yellow
 Nock Sizes — 1/4" - 9/32" - 5/16" - 11/32"

The prices to dealers

NOCK PRICES

Packed in these quantities per package only, one color and one size in each pack.

	List Price
1 Dozen	45c per Dozen
100 Nocks	\$2.50 per Hundred
1000 to 5000 Nocks, one color and one size	\$17.00 per Thousand
5000 to 10000 Nocks	\$16.00 per Thousand
10000 to 25000 Nocks	\$14.00 per Thousand

BLACK HAWK® POINTS

TARGET POINT

FIELD POINT



POINT PRICES

Our points are made of brass and Cadmium Plated and are guaranteed to be of uniform quality, in weight and size. All prices are per thousand in reference to quantity lots.

Field Points

	Per 100
3/8 OD — 11/32 ID — 125 Grains	\$6.00
11/32 OD — 5/16 ID — 100 Grains	6.00
5/16 OD — 9/32 ID — 75 Grains	6.00
9/32 OD — 1/4 ID — 60 Grains	6.00

Retail price per dozen — 80 Cents

Target Points

3/8 OD — 11/32 ID — 60 Grains	\$4.50
11/32 OD — 5/16 ID — 45 Grains	4.50
5/16 OD — 9/32 ID — 30 Grains	4.50
9/32 OD — 1/4 ID — 30 Grains	4.50

Retail price per dozen — 60 Cents

Points for Aluminum Arrows\$3.60 dozen

RAW MATERIALS

ARROW SHAFTS

SHAFTS PORT ORFORD CEDAR

Spined and matched approximately 30" lengths parallel 5/16 and 11/32 diameter. Please do not ask for 5/16 shafts over 45-lbs. as 5/16 shafts do not go over 45-lbs.

5/16 and 11/32	\$ 3.00 Dozen
5/16 and 11/32	24.00 per 100
5/16 and 11/32	200.00 per 1000

FEATHERS

	Dozen	100
Barred	\$.90	\$5.50
Dyed Barred	1.00	7.00
Natural White	1.45	7.50
Dyed White	1.60	9.00

The feathers in dozen lots come beautifully packaged in cellophane packages

BLACK HAWK® WATERPROOFING



FOR ARROWS AND FLIES

Does Not Stiffen Feathers

Directions: Apply Waterproofing to the fletching or fly with applicator. Let dry for a few minutes and arrow or fly is ready to use.

Contents: One Fluid Ounce

Packed 12 to a Case, 50c Each

List Price, \$6.00 a Case

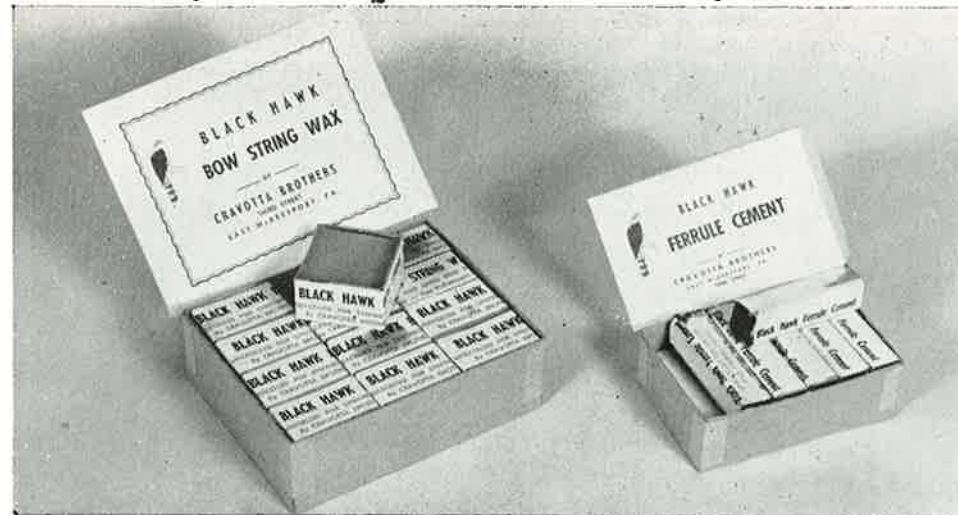


ARROW CLIPS

The perfect clip for tackle boxes, arrow display racks. Made of finest spring steel, nickel plated over copper and burnished.

No. AC-Arrow Clip & Screw \$5.70 gr.

Black Hawk® Bow String Wax — Black Hawk® Ferrule Cement



Unexcelled for Synthetic and Linen Bow Strings

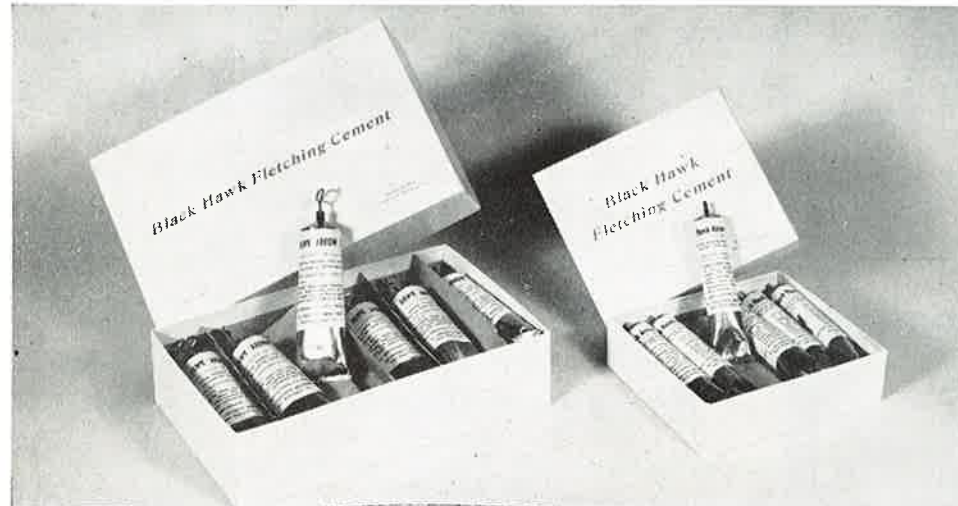
35c Each — \$4.20 a Case of 12, List Price.

Unexcelled for Archery & Fishing Tackle

DIRECTIONS: Heat the cement over a match, candle or flame, dropping the cement on the portion of the arrow shaft or arrow point. Then heat the metal hot enough to melt the cement, pushing the two objects together. Chill with cold wet cloth.

35c Each—\$4.20 a Case of 12. List Price.

BLACK HAWK® FLETCHING CEMENT



TYPE W

Unexcelled for glueing feathers and nocks to wooden arrows. Can also be used for metal arrows.

DIRECTIONS: Make sure objects to be cemented are clean. Apply thin coat of cement to each surface. Hold together firmly until set. Cement is transparent, waterproof and dries quickly.

Contents approximately 1 1/4 fluid ounces.

35c Each—\$4.20 Case of 12. List Price

TYPE M

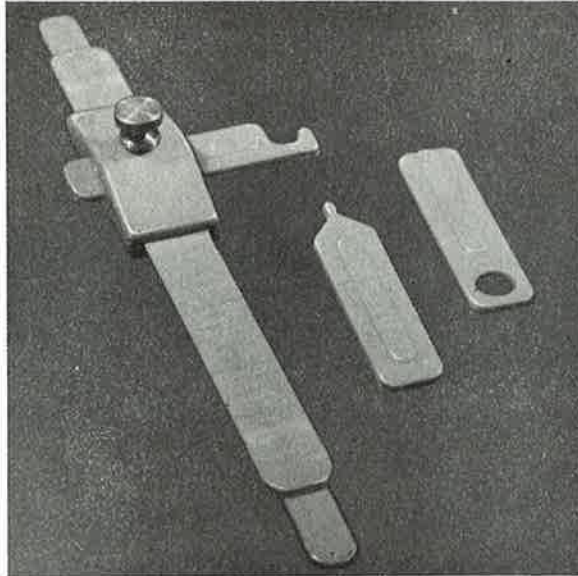
Unexcelled for glueing feathers and nocks to metal arrows. Also used for wooden arrows.

DIRECTIONS: Make sure objects to be cemented are clean. Apply thin coat of cement to each surface. Hold together firmly until set. Cement is transparent, waterproof and dries quickly.

Contents approximately 3/4 fluid ounce.

35c Each—\$4.20 Case of 12. Price List.

BLACK HAWK® ADJUSTABLE BOW SIGHT



Kit consists of Black Hawk® Adjustable Bow Sight and two extra apertures. To adjust this sight loosen the thumb screw. You can move the body of the sight up and down for elevation and the apertures in and out for windage. The position on your sight can then be marked for permanent sighting records.

List Price, **\$1.75** each.

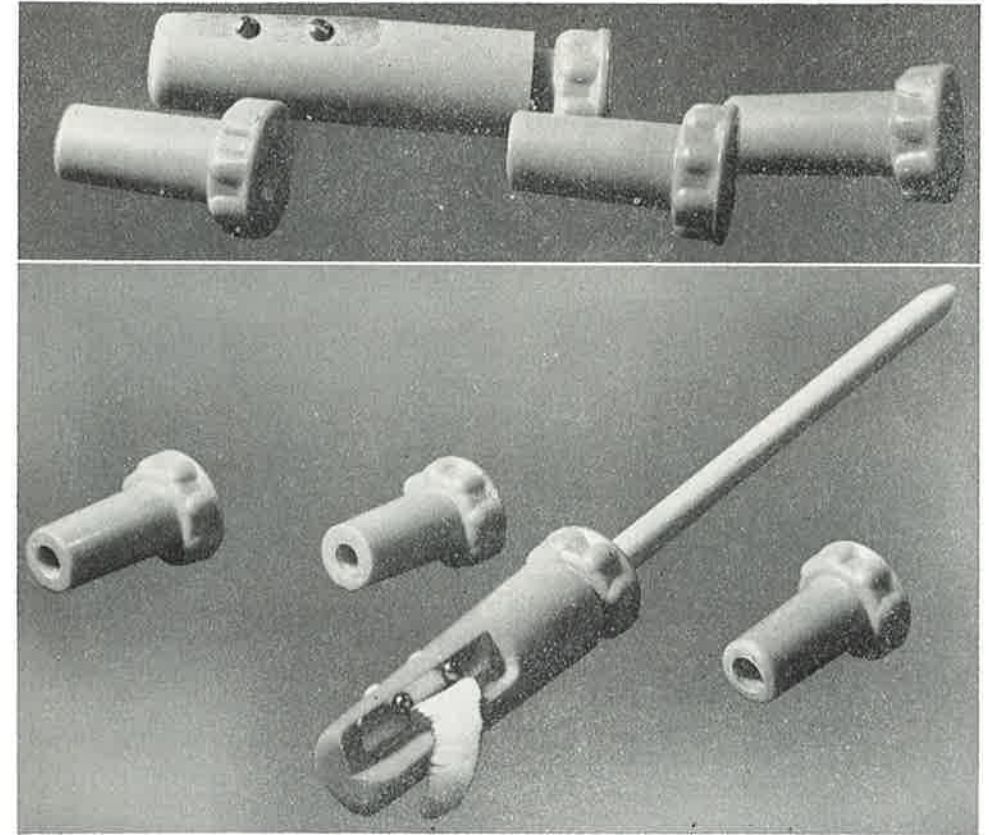


Illustrated Dacron 4-oz. Spool

List Price—138 Light Weight.....**\$3.60** per Spool

List Price—207 Heavy Weight.....**\$3.20** per Spool

BLACK HAWK® TAPERING TOOL



This tapering tool will fit 99% of all points and nocks made, also included are four bushings. The bushings have tapered sleeves which fit in a tapered hole and when pressed into the main body firmly they will fit snugly. The sizes of these bushings are $1/4''$, $9/32''$, $5/16''$, and $11/32''$. All these bushings are oversize to permit clearance of oversize shafts and also for shafts that are painted. To use this tool insert the bushing that corresponds to the shaft size and rotate the shaft clockwise until the tool stops cutting. Your job is then complete.

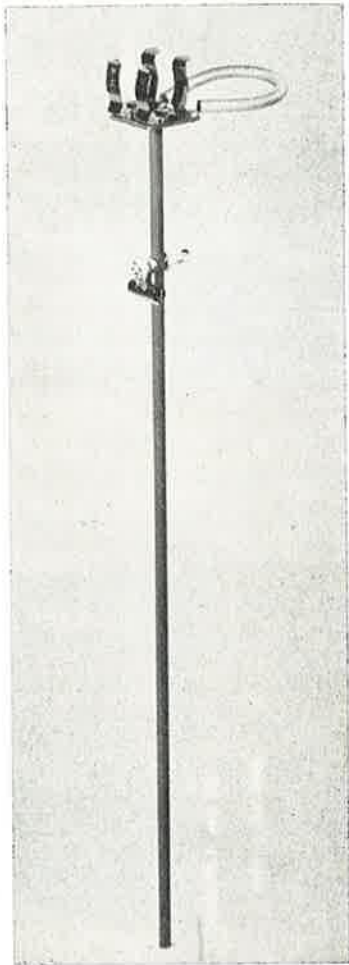
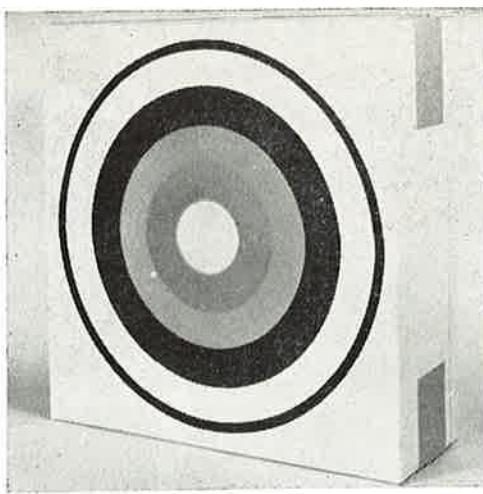
The blades that are used in this tool are regular injector type blades similar to Schick or other type injector razors. They can be purchased practically at any drug store in the country, costing around 10c a piece. You do not have to buy special made blades at 50c or more per blade. The plastics that are used in this tool are of a very high standard and if the tool is used properly, it should give you many years of trouble-free service.

List Price, **\$3.50** each

BLACK HAWK® ECONOMY TARGET

The target is made from heavy corrugated paper. It can be assembled by opening the box and taping it. It is then packed tightly with shredded paper or straw. The four-color face is printed on the carton. A very economical target.

List Price, \$1.00



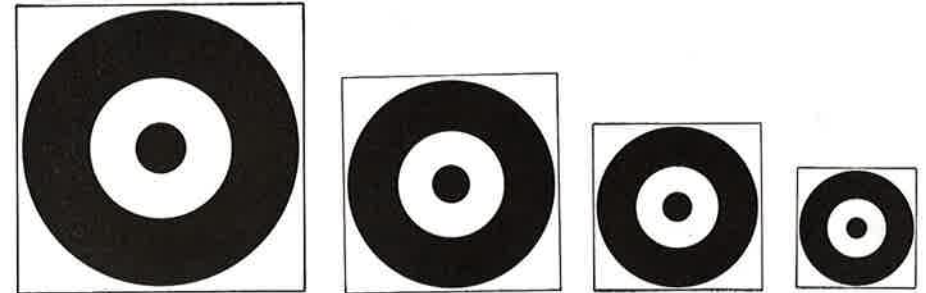
BLACK HAWK® GROUND QUIVER

AS ILLUSTRATED

Many fine features that are not found in other ground quivers.

List Price, \$3.30

BLACK HAWK® CORRUGATED TARGET FACES



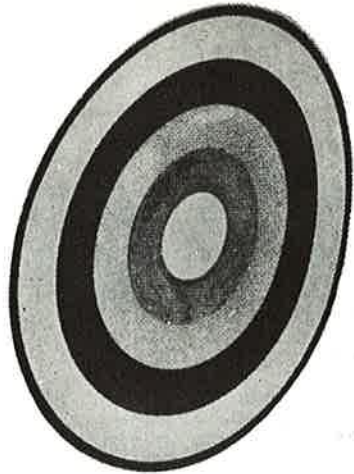
These Target Faces are made in accordance with the N.F.A.A. hand book for field shooting. They are made of heavy corrugated paper and the shooting spot is heavy black with the background in white. These targets will save a club many hours in preparing for a shoot. These targets will outlast most any target on the market because of their heavy construction. During rainy weather these targets can be waterproofed by immersing for a moment in moulten paraffine. The targets come in the following arrangements:

A complete 36 Target set consisting of four 24", six 18", eight 12", eighteen 6" Faces — \$8.00 list price.

12 - 6" Targets only	\$1.70 per dozen, list price
12 - 12" Targets only	2.90 per dozen, list price
12 - 18" Targets only	4.05 per dozen, list price
12 - 24" Targets only	5.85 per dozen, list price

4-COLOR TARGET FACES AND FIELD SETS

By Universal Displays



No. 4200 (Illustrated) \$5.95 per set

No. P-48—48" Heavy bleached kraft paper	\$.90
No. P-36—36" Heavy bleached kraft paper .....	.60
No. P-24—24" Heavy bleached kraft paper .....	.40
No. P-16—16" Heavy bleached kraft paper .....	.15
No. P-10—10" Heavy bleached kraft paper .....	.10
No. 4200—Universal Broadhead Faces, 16 Faces in Set	5.95
No. 4900—NEW! Black Hunter's Faces, 18 Faces in Set	3.65
No. 5510—Black Roving Faces, 17 Faces in Set.....	1.95
No. 3601—Animal Roving Faces, 36 Faces in Set	4.45
No. 3602—Gray Roving Faces, 36 Faces in Set	2.95

Black Hawk® Components

MERCHANDISING DISPLAY

— Complete —

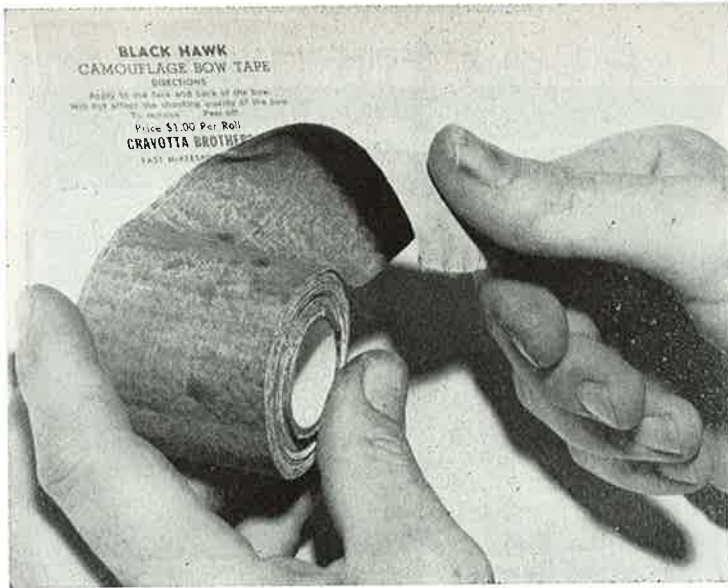


1 Doz. Pkgs. 5/16" Nocks (12 to Pkg.) @	\$.45
1 Doz. Pkgs. 5/16" Target Points (12 to Pkg.) @ .....	.60
1 Doz. Pkgs. 11/32" Nocks (12 to Pkg.) @ .....	.45
1 Doz. Pkgs. 11/32" Target Points (12 to Pkg.) @ .....	.60
1 Doz. Pkgs. 5/16" Field Points (12 to Pkg.) @ .....	.80
1 Doz. Pkgs. 11/32" Field Points (12 to Pkg.) @ .....	.80
1 Doz. Pkgs. Ass't. Bowstrings (1 to Pkg.) @ .....	.35
1 Doz. Pkgs. Ass't. Dacron Bowstrings (1 to Pkg.) @ ..	1.25
1 Doz. Pkgs. Broadheads (3 to Pkg.) @	1.00

Packages are of tough, clear plastic and are available in any amount with or without display rack.

List Price, \$75.00

BLACK HAWK® CAMOUFLAGE BOW TAPE



DIRECTIONS

Black Hawk® Camouflage Bow Tape is a cloth with a pressure type adhesive which can be easily removed when not needed on bow. It will not affect the cast of the bow and the color is an olive green speckled with blemishes, and makes the bow blend very well with the forest and fields. This is an item wanted by all archer hunters. There is sufficient tape in one roll to cover any bow up to six foot in length.

DIRECTIONS—Remove tape from roll and apply longitudinally along the length of the bow and fold tape over where bow tapers. Can be applied to the back and front of the bow if so desired or on one side only.

To remove — Peel off !

List Price, **\$1.00** per Roll



TASSELS

To Keep Your Arrows Clean!

\$1.00 Each

BLACK HAWK IDENTIFICATION DECALS INSTRUCTIONS

USE BALL PEN FOR NAME AND ADDRESS . . . Cut decals apart, then place in water for several seconds until design can be moved on backing paper. Then slide design off the paper onto desired position. Press firmly to remove all surplus water.

List Price 20¢ per sheet

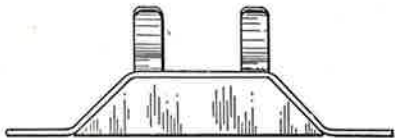
12 Decals to a sheet

9	10	11	12
Name _____ Address _____	Name _____ Address _____	Name _____ Address _____	Name _____ Address _____
5	6	7	8
Name _____ Address _____	Name _____ Address _____	Name _____ Address _____	Name _____ Address _____
1	2	3	4
Name _____ Address _____	Name _____ Address _____	Name _____ Address _____	Name _____ Address _____

List Price 20c per sheet — 12 Decals to a sheet.

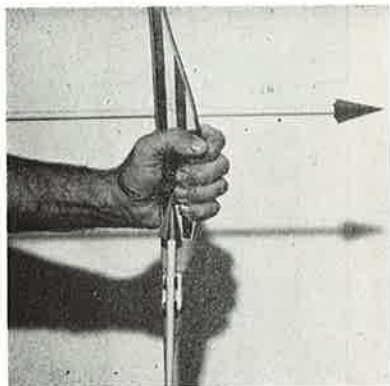
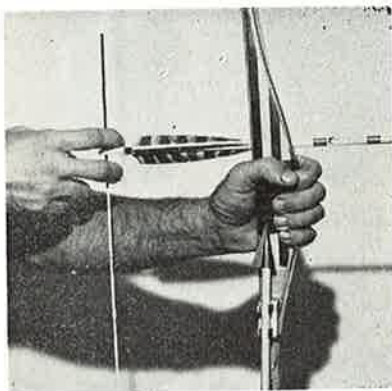
THE BLACK HAWK® BOW QUIVER

THE BLACK HAWK BOW QUIVER is without a doubt the lowest priced quiver on the market. It was tested and proved for two hunting seasons. It is an article that no archer-hunter would be without once he sees it. The purpose of this quiver is to have an arrow at archer's hand the moment he releases his first arrow with the minimum amount of movement for the second shot, which is very important in archery hunting. This quiver does not eliminate the need for a back or shoulder quiver, but the purpose is to give the archer the second arrow quickly and silently, when needed in a hurry. The instructions for applying this quiver are very simple—all that is needed is adhesive or friction tape, and in a few seconds the quiver is attached to the bow in the position the archer may want it, either back or side of bow, as illustrated (Note: below archer's hand).



Packaged 1 to a Box

List Price, \$1.00 each



THE BLACK HAWK® PLASTIC VEIN

This Vein is not designed to take the place of feathers, but is a vein of plastic and many thousands of target archers love to shoot arrows with a plastic vein. Once they learn to shoot with a plastic vein, they can always increase their score from 10 to 35%. The demand for this item will greatly increase. Colors: Red, white, yellow and green.

List Price of 2" Vein 3c each

List Price of 2 3/4" Vein 3c each

List Price of 3 1/4" Vein 4c each

Please specify Size and Color of Vein.

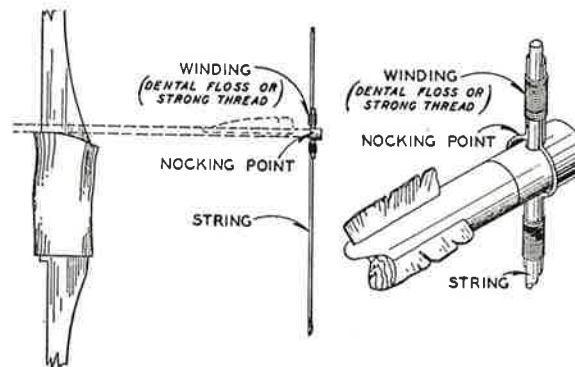


Black Hawk® Nocking Point 25c Each



This device is made of a tough, durable plastic. It is almost impossible to wear it out. It has been used in several tests and shot thousands of times without showing signs of wear.

The purpose of this nocking device is to give the archer a permanent nocking position on his bow. The nocking position on the bow is one of the most important fundamentals for good shooting. This question is often asked by new archers: Where should you nock an arrow? This device is the answer for simplifying and maintaining the proper location for a permanent nocking point. If used properly it should increase your score 25% in field and target shooting. For hunting it is indispensable, as it will eliminate the possibility of the arrow slipping away from the proper nocking position. Directions for applying this nocking point are simple, as shown in sketches below.



When applying this device to a new string, be sure that the string has reached its maximum stretch. This can be accomplished by bracing the bow and shooting it a few dozen times (on an old string this not necessary). Then locate the exact position that you nock your arrow, which is normally 1/8" above arrow plate. Mark this spot with a pencil and then set the nocking point on the string, with the mark in the center of the cup. Wrap the legs of the nocking device with dental floss or good, strong thread, making sure it is secure. When the device is put on properly, in a shooting position, the cup should be pointed toward you. If it is at a slight angle it will not affect your shooting.

If the nocks are slightly large and fit snugly, or slightly small and fit loosely, this will not affect your shooting. Your bow is now ready to shoot, as for the nocking position being right.

May we wish you good luck and an improved score.

CRAVOTTA BROTHERS
Third Street - East McKeesport, Pa.

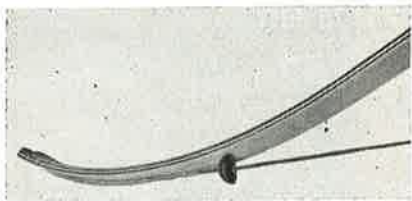
ONE DOZEN ASSORTED SIZES

BLACK HAWK NOCKING POINTS

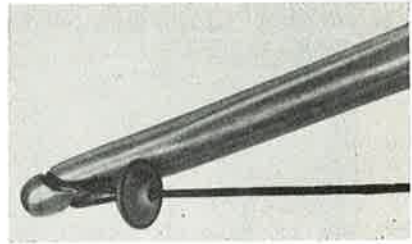
A MUST
FOR EVERY ARCHER
SIZES TO FIT EVERY NOCK
25c Each 25c Each

CRAVOTTA BROTHERS
Third Street - East McKeesport, Pa.

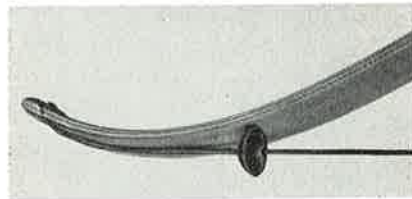




STANDARD



SUPER



SUPER

"STANDARD"

Mounted on Full Working Recurve.

"SUPER"

Mounted on Full Working Recurve.

"SUPER"

Mounted on Straight Bow.

Recommend Supers for any bow. Standards for narrow limb bows, but can be on any bow.

Especially effective on the highly stressed semi and full working recurves.

SUGGESTED RETAIL PRICE

Super**75¢** per pair

Standard**50¢** per pair

Pat. No. 2,617,402

- Does not interfere with bracing or unbracing.
- Does not interfere with cast or accuracy.
- Light weight—manufactured of special formulated rubber.
- Lengthens string life.
- Universal size—Fits all bows.
- Acclaimed by bow hunters everywhere.

*The Purpose of
Brush Buttons*

DAMPENING ACTION—Whenever a highly stressed bow is shot the string vibrates producing a hum. Harmonics (over tones) travel the string and establish other frequencies that are of many pitches—the combined overall result is a buzzing noise which continues after the shot. In hunting this effect continues after release, allowing the game to pin point the hunter and in many cases the game has "jumped" the arrow (moved before the arrow got to it). You cannot eliminate the original "crack", or noise of the string cutting through the air, as it propels the arrow, nor is it necessary as in the woods any number of things produce a sharp noise; acorns dropping, dead limbs falling, etc. This noise is not especially frightening to deer and other game, but the after effect of humming has no match in nature. Brush Buttons mounted on the string dampen this after effect especially the higher frequency, because they must be moved in the frequency of the string for it to continue to hum. the string for it to continue to hum.

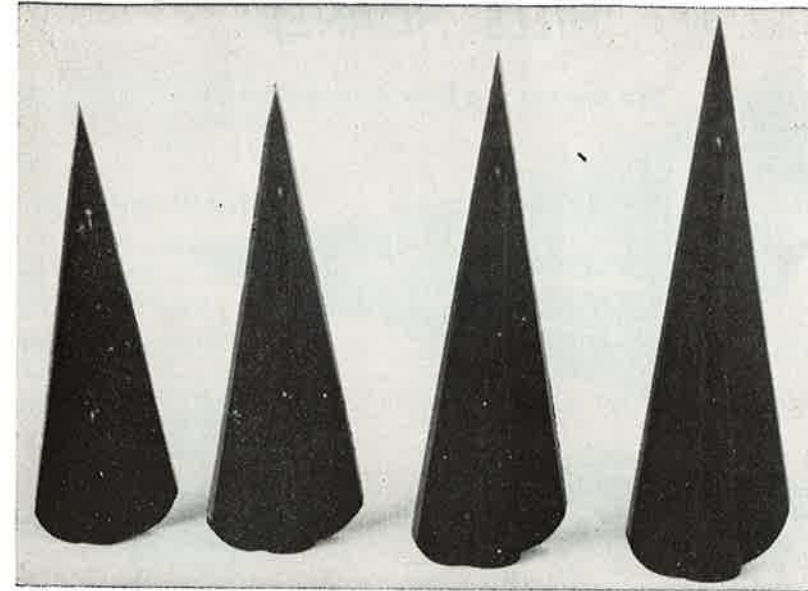
BRUSH PROOFING ACTION—When afield brush, grass, berry stems, etc., catch between the bow and string working into the wedge so tightly, that they have to be removed by hand. Brush Buttons block this wedge causing the brush to deflect out.

Manufactured by
**TRUE FLIGHT
MANUFACTURING CO.**
Manitowish Waters, Wisconsin

Distributed by:
CRAVOTTA BROS., E. McKeesport, Pa.

THE BLACK HAWK® BROADHEADS

(Illustration approximately actual size)



THE BLACK HAWK BROADHEAD was designed after many years of research. It is without a doubt, one of the finest two-edged Broadheads made. It will absolutely not plane even when placed on shaft crooked, and the power of penetration is terrific. It is made of the finest steel available for this purpose, of course, with one thought in mind: IT IS MADE FOR GOOD, QUICK, CLEAN KILLS. There are no barbs on this Broadhead, therefore making it simple to remove from straw. They come in four sizes: 1/4", 9/32", 5/16", 11/32"; the widths vary depending on size, from 7/8" to 1-1/16" lengths vary on size from 2 1/2" to 3-1/16". The weights vary from 85 to 125 grains. List Price, Any Size, **\$3.75** dozen.

THE BLACK HAWK® BOW NOCK



THE BLACK HAWK BOW NOCK is made from nylon and is practically indestructible. It is used by the amateur bow maker, and also for repairing old bows. The illustration is approximately two times larger than the actual nock. The hole size is 1/2"x3/16"x1" deep. List Price, per Pair, **\$1.00.**



Illustration shows how our BLACK HAWK STRINGS are packaged. Good packaging and specifications are desirable to the dealer. All of our strings are the endless type, made of dacron and are guaranteed. We carry practically any size and weight in stock.

List Price, each **\$1.25**

STRINGS FOR MOSQUITO BOWS

Made of Dacron

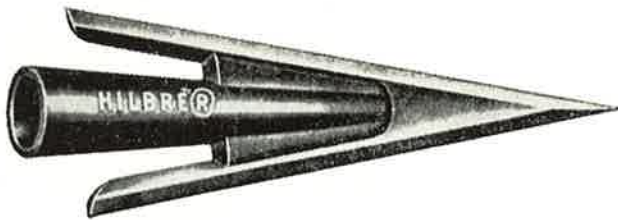
List Price, each **\$1.00**

KIDS STRINGS - Made of Hemp or Linen

List Price, each **35¢**

The Dealiest Killer Ever Devised

THE HILBRE . . .



1" x 3" — 110 GRAIN

WILL NOT WINDPLANE

THE ONLY BROADHEAD WITH RAZOR SHARP EDGES

A BEAUTIFUL KILLER PERFECTLY ALIGNED FOR ACCURATE
FLIGHT AND COMPLETE PENETRATION

List Price . . . **\$4.50** Per Doz.

THE NYBRE . . .



AN INEXPENSIVE BROADHEAD FOR SMALL GAME HUNTING
AND THE NFAA BROADHEAD ROUND

THE SOLID NYLON POINT

List Price . . . **\$1.75** Per Doz.

1 - 1/16" x 2 - 5/16" — 60 GRAINS

Lightweight for speed and flat trajectory — Strong and durable

Perfect 5° Taper