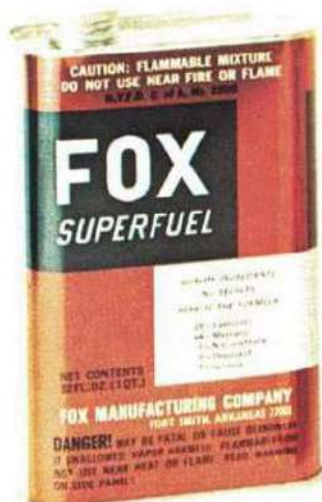
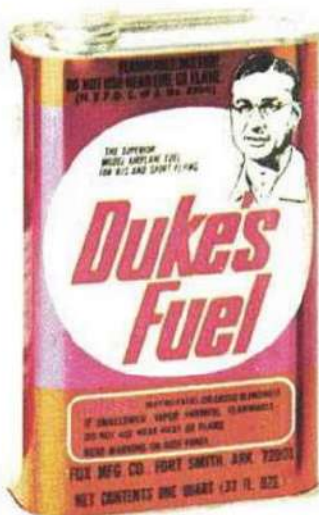
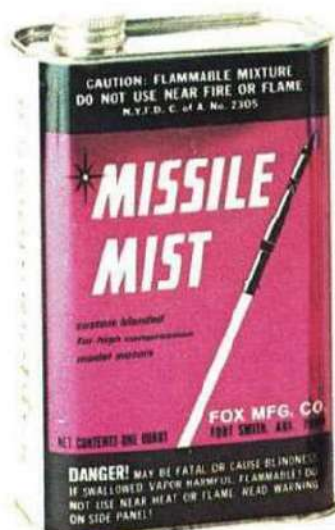


FOX MODEL AIRPLANE PRODUCTS CATALOG FOR 1974!

MADE IN AMERICA



FOX 40-40

40% nitro, 40% alcohol, 20% oil. A high performance fuel not recommended for fun flying, but capable of producing more power if you have the need. No secret blends, no exotic ingredients, no fancy claims... just a good formula similar to that mixed by most pylon racers or combat flyers for themselves. The high nitro content makes this an ideal power additive for your own custom blended fuel.

QUART \$3.25 — NO. 30403

MISSILE MIST

25% nitro, 22% oil. Our most powerful sport fuel, Missile Mist runs cooler than low nitro fuels because it's buffered against pre-ignition, giving you quicker starts and broad needle valve settings with less leaning out towards the end of the tank. Missile Mist is recommended for all FOX engines except the Stunt 35. Not surprisingly, a lot of modelers have found that motors other than FOXes like MISSILE MIST, too.

PINT \$1.50 — NO. 30302
QUART \$2.65 — NO. 30303
GALLON \$8.90 — NO. 30305

DUKE'S FUEL

10% nitro, 22% oil. A popular middle of the road fuel, widely used for both radio control and control line flying. The easy starting, good idling and economical operation have been responsible for the every increasing popularity of DUKE'S FUEL.

PINT \$1.30 — NO. 30202
QUART \$2.35 — NO. 30203
GALLON \$7.75 — NO. 30205

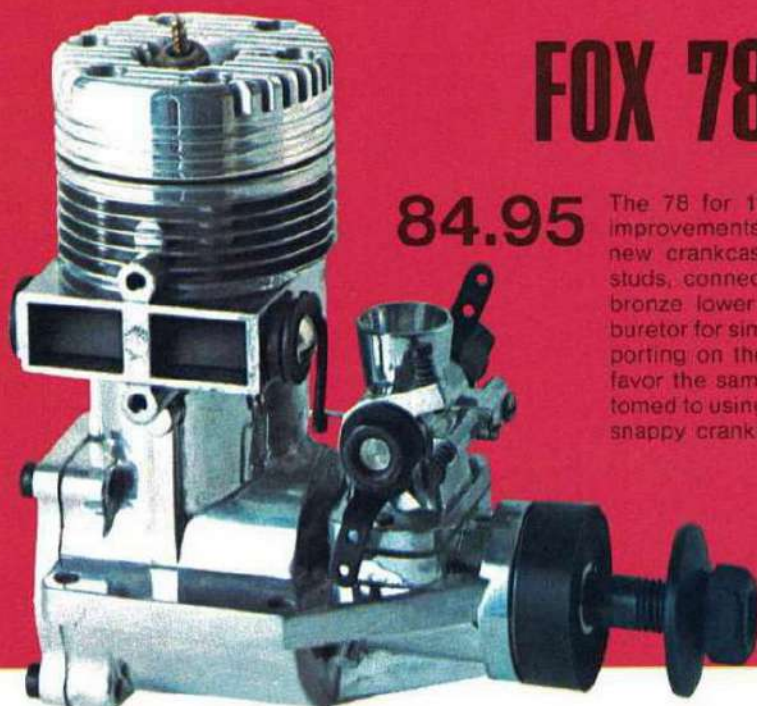
FOX SUPERFUEL

5% nitro, 28% oil. The first choice break-in fuel for any make engine. Superfuel is preferred by control line stunt flyers since the speed changes very little as the motor leans in a maneuver. Superfuel used in poorly fitted or well used engines increases the compression and performance.

PINT \$1.30 — NO. 30102
QUART \$2.35 — NO. 30103
GALLON \$7.75 — NO. 30105



FOX MOTORS WITH THROTTLE



FOX 78 FOR 1974

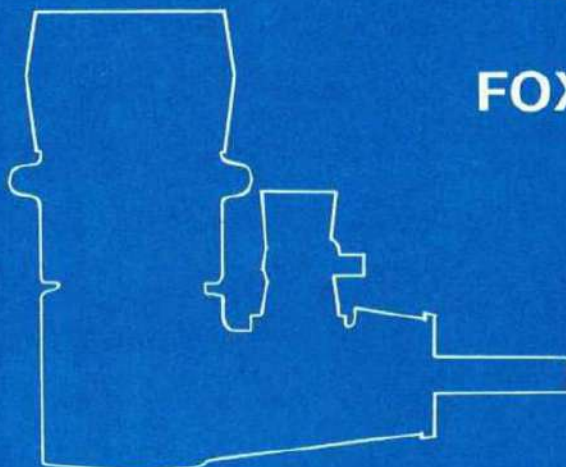
84.95

The 78 for 1974 features several significant improvements. An all new single plug head, new crankcase with deeper bypass, muffler studs, connecting rod now fitted with a cast bronze lower end, and new Eagle type carburetor for simpler carburetor adjustments. The porting on the New 78 has been modified to favor the same size propellers you are accustomed to using on your 60. Two piston rings add snappy cranking compression.

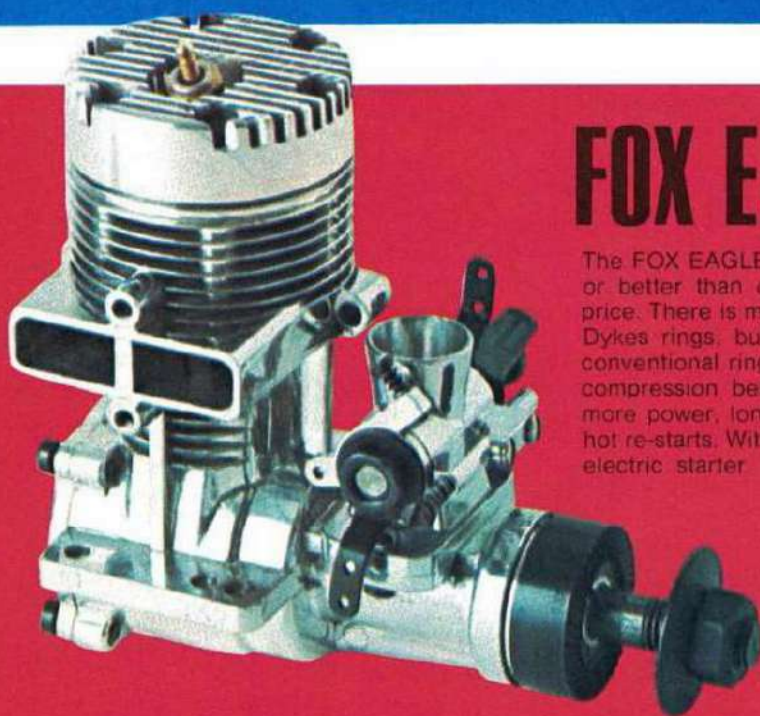
WT. 19 oz.
Disp. 785
RPM 13,000
With an 11-8 Prop
No. 27800

THREE BRAND NEW MOTORS

FOX HAWK 60



The new Fox Hawk 60 is well along in tooling stage and deliveries should be made in time for Spring 1974. This all new motor fits the same mounts and muffler as the Eagle. It incorporates the newest technology in reaching for more power. Parts are durable and the motor is capable of utilizing higher nitro fuels for even more power gain. Tentatively priced at about \$100.00.



FOX EAGLE 60...

The FOX EAGLE .60 has performance equal to or better than our competition, regardless of price. There is much talk about single rings and Dykes rings, but Duke is convinced that two conventional rings that fit the cylinder will hold compression best. Better compression means more power, longer life and most of all, easier hot re-starts. With an EAGLE you don't need an electric starter. For easier engine installation there is a six hole mounting pattern and throttle arms on each side.

64.95

WT. 14 OZ.
DISP 604
RPM 11,500
WITH A 11-8 PROP

NO. 26099



FOX 36 \$27.95

Wt. 8 oz.
Disp.359
RPM 10,500
With a 10-6 Prop
No. 23600

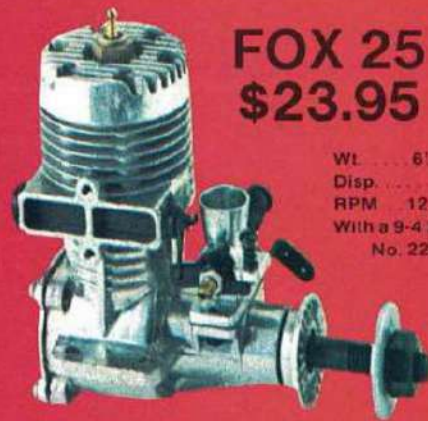
The FOX 36 has long been a favorite of sport flyers with its sturdy construction. The removable two-jet throttle with coupled rotary baffle will give you quick throttle response for an afternoon of consecutive touch and goes or let you enjoy extended flights at slow $\frac{1}{4}$ throttle settings. Mounting studs integral with crankcase for B size FOX SILENCER.



FOX 29 \$27.95

Wt. 8 oz.
Disp.299
RPM 12,000
With a 9-6 Prop
No. 22900

The 29 now has a new crankcase fitted with an easier to adjust two-jet carburetor, rotary exhaust baffle and lugs to make installation of the FOX B size SILENCER a simple screwdriver job. Unlike many engines of this size, the FOX 29 has no bad habits and is so easy to start that we unhesitatingly recommend it to the beginner.

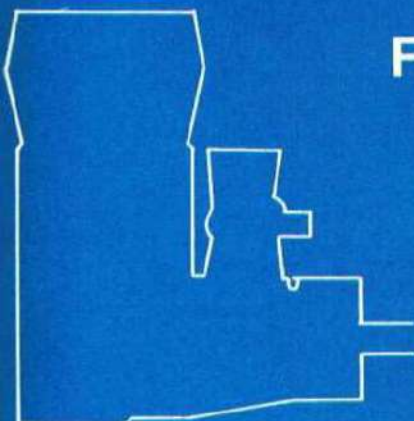


FOX 25 \$23.95

Wt. 6 $\frac{1}{2}$ oz.
Disp.25
RPM 12,000
With a 9-4 Prop
No. 22500

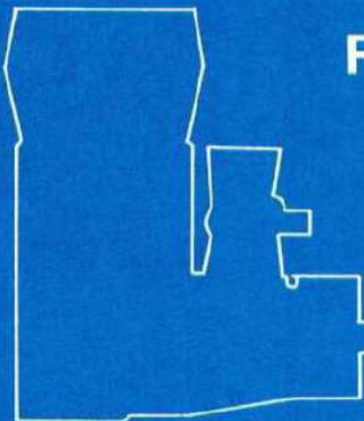
The FOX .25 has power enough to fly a full house multi and with a weight equal to most .19's it will breathe new life into airplanes designed for .19's and yet will not create any mounting or balancing problems. Our two-jet carburetor gives smooth, steady intermediate speeds and a faultless low speed idle. Cast-in lugs make installation of the FOX B size SILENCER very simple.

TO BE READY IN THE SPRING OF 1974...



FOX 40

The NEW FOX 40 is a radical departure from previous Foxes. Incorporates the latest technology and several tricks never seen before to pull extra horsepower without sacrificing reliability. Will be available in both bushing and ball bearing versions.



FOX 45

The Fox 45 is built in the same frame as the new Fox 40. Added displacement is obtained by larger bore. We expect this new motor to fly pattern ships comparable to most of today's 60's. Keep looking for it, it is the first of the new breed. Projected deliveries summer 1974.



FOX 19 \$23.95

Wt. 6 oz.
Disp.19
RPM 15,000
With an 8-4 Prop
No. 21900

The FOX .19 has a strong family resemblance to our EAGLE 60 with its removable carburetor with vertical intake stack, rotary exhaust baffle and SILENCER mounting studs. Its conventional porting and two-jet metered fuel flow carburetor makes for quick starting and a steady, low RPM idle. Designed for the B size FOX SILENCER.



FOX 15 \$18.95

Wt. 4 $\frac{1}{2}$ oz.
Disp.15
RPM 12,000
With an 8-4 Prop
No. 21500

The Fox 15 is ideal for three channel trainer models with wing spans around 48" but is capable of flying full house models. The smooth action throttle with metered fuel flow and rotary exhaust baffle makes a 3,000 RPM (or less) idle most reliable. With a small prop and hot fuel it becomes a real $\frac{1}{4}$ midget contender. Our A size FOX SILENCER bolts neatly



FOX MOTORS WITHOUT THROTTLE



FOX 78 \$74.95

Wt. 19 oz.
Disp. 785
RPM 13,000
With 11-8 Prop
No. 17800

The Fox 78 is the ideal engine for those heavy scale models and any unusual model where you want lots of power. All the features of our throttle 78RC except fitted with a simple spray bar carburetor.



EAGLE 60 \$54.95

Wt. 14 oz.
Disp. 60
RPM 11,500
With 8-11 Prop
No. 16095

Today's heavier control line stunt models require smooth, reliable power without a lot of weight or vibration. Fox Eagle 60 at 14 ounces has what it takes... snappy compression for instant starting, real free running characteristics, long life, low vibration, and superb fuel suction. The dimensions across the case are smaller than most 60s.

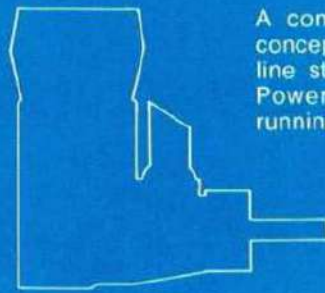
FOX 40 RACING



A brand new motor with lots of urge. Two ball bearings, rear intake, super tight crankcase, new combustion chamber designed to be easy on plugs.

First deliveries expected summer 1974.

FOX 40 STUNT



A complete new concept of control line stunt motors. Powerful, steady running.



FOX 29 \$17.95

Wt. 7 oz.
Disp. 29
RPM 12,000
With a 9-6 Prop
No. 12900

The FOX 29 with its newly styled crankcase and larger crankshaft counterweight starts good and runs very smoothly. We feel that it is the finest running bushed bearing 29 that you can buy. Cast-in exhaust stack studs make mounting the B size FOX SILENCER neat and easy.



FOX 25 \$15.95

Wt. 6 oz.
Disp. 25
RPM 12,000
With a 9-4 Prop
No. 12500

New in 1972 we are especially proud of this engine. The 25 will handle Ringmasters, Flite Streaks and similar airplanes designed for 35's. It has bronze bushings and a lapped meehanite piston. Like all FOX motors it is test run before packaging. Cast-in exhaust studs accept the B size FOX SILENCER.



FOX 36 \$17.95

WL.....7 oz.
Disp......359
RPM.....11,000
With 10-6 Prop
No. 13600

The FOX 36 has evolved from the Black Head Combat Specials through the Needle Bearing Combat Specials and the 36X BB Combat Special. It is fitted with a brand new sleeve bearing crankcase which makes it eligible for slow combat and events which require a bushing main.



COMBAT SPECIAL \$39.95

WL.....8 oz.
Disp......359
RPM.....19,000
With 8-7 Prop
No. 13700

The new Combat Special has everything you want... two ball bearings, instant restarts, capability of utilizing all the nitro you can feed it, coupled with surprisingly light weight... not a motor for beginners.

FOX 45 STUNT

Identical to new FOX 40 STUNT except larger bore gives it the capability of swinging a little more propeller. Proposed delivery date is summer or fall of 1974.



FOX 35 STUNT

The size, weight and performance of the .35 Stunt has made it the worlds leading contest stunt motor for 24 years. We are even more proud of the fact that it has introduced hundreds of thousands of young men to model building. An ideal beginners motor, its low compression is easy to crank and forgiving of poor tank installations. The B size FOX SILENCER is easily bolted onto the exhaust stack studs.

\$19.95

WT.....6 1/2 OZ.
DISP......352
RPM.....9,600
WITH A 10-6 PROP
ORDER NO.
13500

SPORT STUNT COMBAT RACING



FOX 19 \$15.95

WL.....5 1/2 oz.
Disp......19
RPM.....15,000
With an 8-4 Prop
No. 11900

The new FOX 19 is similar in appearance and construction to the FOX 25 and will interchange with the larger engine on the same motor mounts. Power output is surprising for a bushing motor-outrunning many ball bearing engines. The FOX 19 has a meehanite piston lapped to a steel liner to give you many hours of reliable and pleasurable flying.



FOX 15 \$14.95

WL.....4 oz.
Disp......15
RPM.....12,000
With 8-4 Prop
No. 11500

A light weight little engine with big performance. The FOX 15 is a proven design with recent modification for easier starting and more consistent needle settings. An ideal engine for the Flingmaster, Jr., the Flite Streak, Jr., or many other similar size trainer planes. Designed for use with the A size FOX SILENCER.

FOX MOTOR MOUNTS MACHINED FROM BAR



LARGE SERIES ... \$4.00

WIDTH	FITS	PART NO.
1.475	FOX EAGLE 60 OS 60 ST 51 ST 56 ST 60 ENYA 60 Merco 60	50601
1.525	Veco 60	50602
	Webra 61 H.P. 61	
1.640	FOX 74 FOX 78 ST G-60	50603

MEDIUM SERIES ... \$3.50

WIDTH	FITS	PART NO.
1.217	FOX 29 new FOX .36 new FOX .35 all OS .30	50401
1.218	FOX .36X all FOX .36BB all ST .35 stunt	50402
1.320	K&B 35 K&B 40 OS 35 OS 40 McCoy 40	50403
1.385	FOX 40 S T 35 rc S T 40 rc Webra 40	50404

SMALL SERIES ... \$3.00

WIDTH	FITS	PART NO.
1.000	FOX .15 OS .15	50201
1.135	FOX .25 ST .19 ST .23 OS .19	50203

FOX MOTOR MOUNTS are lighter and stronger than cast mounts. The one-piece design gives more precise alignment of engine bearers, more rigidity and less vibration than two-piece or plastic mounts. The bearers are 90° to the backplate. Thrust changes can be made with shims between the firewall and backplate.

FOX SILENCERS



FOX SILENCERS are made specially to fit FOX motors without putting a clamping strain on the cylinder. The two piece design consists of a die cast outer shell with a machined inner liner and can be disassembled for cleaning or alteration of hole sizes. Each of the four different sizes is available in two styles. The FLOW THROUGH design with an open front is good for an approximate 6 decibel decrease in sound level with no measurable power loss. The CLOSED FRONT design will decrease the noise level about 10 decibels and cause a 300 to 400 RPM loss.

SIZE	WT.	FITS	PRICE	STYLE	PART NO.
A	1-1/8 oz.	FOX 15.	\$4.95	OPEN FRONT CLOSED FRONT	90211 90212
B	1-3/8 oz.	FOX 19, FOX 25, FOX 29 FOX 35 STUNT FOX 36	6.95	OPEN FRONT CLOSED FRONT	90221 90222
C	1-5/8 oz.	FOX EAGLE 60	8.95	OPEN FRONT CLOSED FRONT	90231 90232
D	2 oz.	FOX 78	10.95	OPEN FRONT CLOSED FRONT	90241 90242

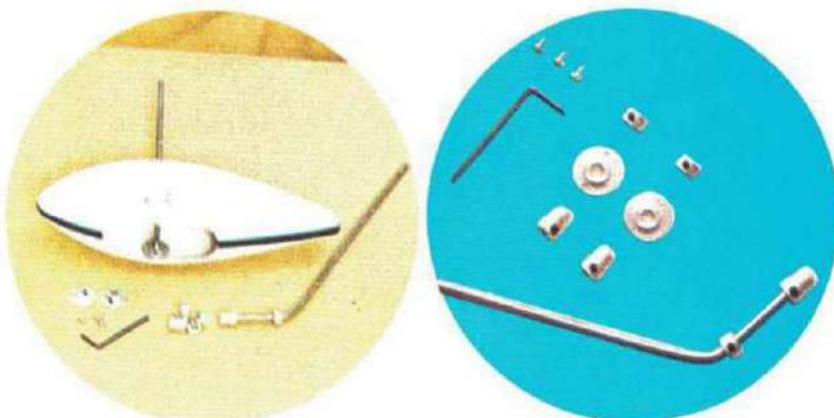
FOX WHEEL COLLARS

Our regular wheel collar sets consist of one inside and one outside collar for each wheel. Allen wrench is included in each set. Flanged wheel collars are designed for mounting wheel pants or wheel well doors to landing gear struts.

TYPE	WIRE SIZE	PRICE	PART NO.
2-wheel regular	3/32	69¢	90331
3-wheel regular	3/32	98¢	90332
2-wheel regular	1/8	69¢	90341
3-wheel regular	1/8	98¢	90342
2-wheel regular	5/32	69¢	90351
3-wheel regular	5/32	98¢	90352
2-wheel regular	3/16	69¢	90361
3-wheel regular	3/16	98¢	90362

FLANGED WHEEL COLLARS

2-wheel	1/8	1.25	90343
3-wheel	1/8	1.85	90344
2-wheel	5/32	1.25	90353
3-wheel	5/32	1.85	90354





FOX FUEL FILTERS

For dependable tank after tank engine runs our two piece fuel filters have a fine mesh screen to collect solid particles. Disassemble for easy cleaning.

LARGE 95¢
NO. 90702

SMALL 95¢
NO. 90701



75¢
LUSTROX
NO. 90811

LUSTROX... mix with oil and dab in intake during first run, polishes running surfaces for more RPM and longer life. GARNET... used for hand lapping piston to cylinder fit.



75¢
GARNET
NO. 90812



SPINNER NUTS...

Machined from solid bar stock in two sizes this spinner has a nicely contoured shape and a cross hole for using a tightening bar.

SIZE	PRICE	PART NO.
1/4 thread	\$1.00	60504
10/32 thread	.75	60503



PROP SHAFT EXTENSIONS

1/2 LONG	10-32THD	1.75	NO. 90410
3/4 LONG	10-32THD	1.75	NO. 90411
1/2 LONG	1/4-28THD	2.00	NO. 90412
3/4 LONG	1/4-28THD	2.00	NO. 90413
1/2 LONG	3/8-24THD	2.25	NO. 90414
3/4 LONG	3/8-24THD	2.25	NO. 90415

Improved type extensions are now supplied with a special nut and washer so that a standard Fox spinner will fit right on. Nut and washer are made from steel and spool from aluminum alloy.



75¢ PRESSURE FITTINGS

For use in tapping muffler or crank-case pressure for pressurized fuel systems. Machined from 3/16 inch HEX brass bar. small - neat. 4-40 or 6-32 threads.

4-40 thread 75¢ PART NO. 90501
6-32 thread 75¢ PART NO. 90502

IF YOU EVER HAVE
PROBLEMS AND NEED
TECHNICAL ADVICE,
CALL 501/646-1656
AND I WILL BE GLAD
TO HELP YOU ...

Duke Fox



THE WORLD'S FINEST SPINNERS

Both configurations of FOX SPINNERS have dovetailed back plates to prevent spreading from centrifugal force or starter pressure. Small hold on screws will not spin off with electric starters. Rugged enough to withstand 99% of all crashes. They will absorb energy like the new auto bumpers and minimize damage to engine and airplane. Normally cut out for pattern props, specify narrow for speed props or blank if you wish to put in your own.

BACK PLATES OF SAME DIAMETER ARE INTERCHANGEABLE FOR NUT AND WASHER OF SIZES OTHER THAN NORMALLY SUPPLIED, SPECIFY WITH ORDER. ADDITIONAL BACKPLATES \$1.00.



CONVENTIONAL CONTOUR

DIA.	PRICE	FITS SHAFT SIZE	PART NO.
1½	\$7.00	10-32	60106
1¾	7.50	10-32	60107
2	8.00	¼-28	60108
2¼	8.50	¼-28	60109
2½	9.00	¼-28	60110

SLIM JIM CONTOUR

1½	\$7.50	10-32	60206
1¾	8.00	10-32	60207
2	8.50	¼-28	60208
2¼	9.00	¼-28	60209
2½	9.50	¼-28	60210

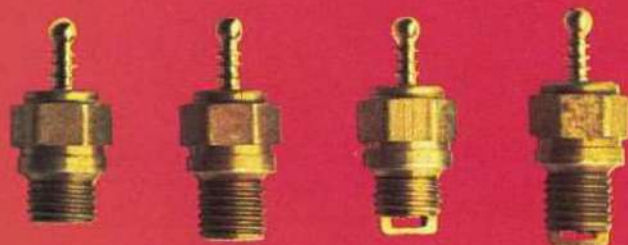


ADAPTER NUTS AND MATING WASHERS

10-32 SHORT	50¢	60401
10-32 MEDIUM	50¢	60402
¼-28 SHORT	50¢	60403
¼-28 MEDIUM	50¢	60404

¼-28 LONG	50¢	60405
5/16-24 MEDIUM	50¢	60406
5/16-24 LONG	50¢	60407

FOX GLOW PLUGS



STANDARD SERIES

SHORT STANDARD	LONG STANDARD	IDLE-BAR SHORT	IDLE-BAR LONG
69¢	69¢	98¢	98¢
40101	40201	40502	40602



2-VOLT SERIES (Lead Acid Batt.)

SHORT STANDARD	LONG STANDARD	IDLE-BAR SHORT	IDLE-BAR LONG
75¢	75¢	98¢	98¢
40103	40203	40503	40603

FOX COMBINATION WRENCH



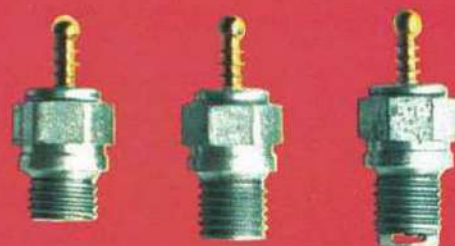
Made for modelers . . . FOX WRENCHES are the handiest tool in your field box. Available in three sizes, each wrench fits both prop nut and glow plug.

FOR 3/16" SHAFT MOTORS	75¢-90101
FOR ¼" SHAFT MOTORS	75¢-90102
FOR 5/16" SHAFT MOTORS	75¢-90103

All prices are subject to change without notice.

FOX MANUFACTURING CO.

5305 TOWSON • FORT SMITH, ARK. 72901
Phone 501-646-1656



RACING SERIES

SHORT STANDARD	LONG STANDARD	IDLE-BAR LONG
\$1.49	\$1.49	\$1.75
40104	40204	40604

These plugs are very cold running, fitted with .011 diameter wire to stand the high nitro, high compression of the modern racing motors. Not suitable for sport motors as the plug tends to cool off quick.