

KOFORD

ENGINEERING

1441 Dorsey Road, Winchester, OH 45697
www.koford.com/slot/

2024



2023 USRA Champions

Koford Engineering is the leading producer of high performance slot car equipment. We produce a complete line of products for every class of wing car racing, and a wide variety of products for Euro, Drag, Retro and Scale racing. Our controllers feature innovative design, smooth action and long life. We also offer accessory equipment such as power supplies, grinders, tire wrenches, solder, tire traction, oil and many other items.

Koford Engineering won and Tq'd in Pro G7 at the 2023 USRA Nat's! Koford products were used to win OMB12, H12, C12, 27L and TMO. Koford chassis won OMB12, H12, C12, and G7.

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OPEN ARMATURES

Koford armatures have won nearly every major race for the past 30 years including the 2023 Nat's. The advanced technology and exacting quality of Koford arms puts them in a class by themselves. Koford SAW comms are produced entirely at the Koford factory with computer controlled equipment producing tolerances in the millionths. No competitor has been able to duplicate their unique design which provides superior strength and stability at speeds of 200,000 rpm and more. Koford arms also feature Koford produced 800° epoxy which is available nowhere else. Heat which will destroy other arms will not affect our arms. Our armature shafts are made from special high speed steel with superior magnetic characteristics and are precision ground, plated with a ultra hard low friction coating which features superior solderability to prevent pinion spinning and resist corrosion, and then they are ground again to achieve diameter tolerances typically in the millionths.

M199SAW Custom G7 SAW comm, specify blank (K or 459), stack diameter, stack length, overall length, wind and timing. Made to order 4-6 week lead time. \$132.08 ea.

M468-84.5 .510 84.5 wind, C can drag arms. \$79.55 ea.

EUROSPORT ARMATURES

M619M-E .300 stack K blank Eurosport, long comm. For 1/24 Euro. The K blank produces maximum horsepower. Specify overall length (.783 or .757), diameter, wind and timing, 84, or 84.5, with 20-26° timing suggested. Maximum 18t-24, 18t-24.5, 23t-25. Also specify 2.0, 1.5, or 1.25 mm shaft. 1'st 1/24 Euro ISRA World's. \$132.08 ea.

M255M-E 300 stack H blank Eurosport, long comm. For 1/32 Euro. The H blank is lighter and easier to drive. Specify length (.783 or .757) wind and timing. 22t-25, 23t-25, 26t-26 and 20° to 28° timing suggested. Maximum 18t-24, 19t-24.5, 23t-25. Specify 2.0, 1.5, or 1.25 mm shaft. \$132.08 ea.

M275M-E .300 stack 459 blank for 1/24 Euro. Small diameter but high torque blank for lighter motor weight and lower center of gravity. Specify overall length (.783 or .757), diameter, wind and timing, 85, or 95, with 20-28° timing suggested. Maximum 18t-24, 18t-24.5, 23t-25. Also specify 2.0, 1.5, or 1.25 mm shaft. \$132.08 ea.

M255F-E .240 stack .480 diameter H blank, long comm Eurosport .707 long to fit .480 tall Koford set ups. For 1/32 or F1 Euro. The H blank is lighter and easiest to drive. Specify wind and timing. 20t-25, 22t-25, or 45t-29 and 20° to 28° timing suggested. Specify 2.0 or 1.5mm shaft. \$132.08 ea.

M255EH .235 stack, .664 long, H blank ultrashort custom Euro arm with angled comm tabs for F1. Specify diameter, wind and timing. Typical specs are .465-.470 diameter, 44 to 50 of 29 or 30 wire, 28 degree timing. 1'st ISRA World's, 1'st 2021 USRA Div 2 Nat's. Specify 2.0, 1.5 or 1.25mm shaft. \$132.08 ea.

M275EH .235 stack, .664 long, 459 blank ultrashort custom Euro arm with angled comm tabs for F1. Specify diameter, wind and timing. Typical specs are .455-.465 diameter, 44 to 50 of 29 or 30 wire, 28 degree timing. More torque and more room for balancing the M255EH. Specify 2.0, 1.5, or 1.25 mm shaft. \$132.08 ea.

GROUP 27 ARMATURES

M467-27-C Specify timing and diameter. \$110.24 ea.

GROUP 20 ARMATURES

M468-20-48 Tri-Star Drag 20 arm, .510 dia., 48° \$66.34 ea.

M468-20-50 Tri-Star Drag 20 arm, .510 dia., 50° \$66.34 ea.

M468-20L Tri-Star G20 arm to fit Box Stock set ups. .518 diameter replacement arm for G20 RTR cars. 30° timing for road racing. \$66.34 ea.

C12 ARMS

M467-12-CU custom arm, specify timing and diameter .760 long. \$80.01 ea.

GROUP 12 ARMS

M468-H12 Handwound 12 arm to fit Box set ups for "Hillbilly Box" racing. 518 diameter. Specify timing. H12 tag. \$74.67 ea.

M468-BOX-40 Tri-Star G12 arm .518 diameter 40° timing. Multiple Nat's winner. Features super hard, wear resistant, better than drill blank shaft and 800° epoxy for the ultimate in reliability. \$59.80 ea.

M468-BOX-44 Tri-Star G12 arm .518 diameter 44° timing. \$59.80 ea.

M468-BOX-48 Tri-Star G12 arm .518 diameter 48° timing. \$59.80 ea.

M468-BOX-C Custom timing Tri-Star G12 arm .518 diameter. \$69.83 ea.

SUPERWASP ARMS

M468-SW Super Wasp arm wound on Tri-Star .518 diameter \$45.00 ea.

HAWK ARMS

M645-48 Group 19 (G20 on a .350 long blank) 48° replacement arm for M721 drag motor. Better than drill blank shaft, 800° epoxy. \$61.93 ea.

M645-12-40 G12 arm to fit JK Hawk 6 bonded neo magnet set up. Better than drill blank shaft, 800° epoxy. 40° timing. recommended for neo magnet set ups only. \$60.88 ea.

M644 Koford replacement arm for JK Hawk 6. Better than drill blank shaft, 800° epoxy. \$52.98 ea.

GROUP 15 ARMS

M467-15-C G15 arms based on the Tri-Star blank. Length is .850. Specify diameter (.500 max) and timing. \$82.52 ea.

OPEN - COBALT SET UPS

Koford set ups have been the most successful G7 set up for the last 15 years. Superior magnet design & material, a can with the strength required for open racing combined with superior magnetic properties and a plated finish for anti rust, better solder adhesion and superior magnet retention, vertical brushes for cooler, more efficient operation and 16% more swept comm area, are among a few of the reasons why. We have a motor design suitable for any racing or qualifying condition. Our Nat's winning 20/24/26/28/30 mags are a break through in magnet design providing high highest performance with the longest motor life. Our superstrong but lightweight can provides the ultimate in durability.

M283-20-350 Twenty mag open set up with M637 ball bearings, 350 long magnets and .480 tall plated CNC can and Gold vertical hoods to fit 490 open arms. \$395.20 ea.

M283-24-350 Twenty four mag open set up with M637 ball bearings, 350 long magnets and .480 tall plated CNC can and Gold vertical hoods to fit 490 open arms. \$395.89 ea.

OPEN DRAG - COBALT SET UPS

M283-D6 .480 high x .400 long 6 magnet drag set up for .459 dia. drag arms in billet can. \$330.75 ea.

M283-DS6 .480 high x .400 long 6 magnet drag set up for .445 dia. drag arms in billet can. \$342.72 ea.

G27L COBALT SET UPS

Koford set ups have become the standard for the G27 class. Koford set ups are smaller, lighter and more reliable than competitors products and feature plated cans to prevent rust and provide superior magnet retention. Our special group endbells are smaller and lighter for better handling, and stronger for better durability. These products take a .850 long arm.

M283-27R G27L light set up with radial magnets. CNC can. Fits .495 to .500 dia. arm. \$254.65 ea.

C12 COBALT SET UPS

Nat's winner and World record setter! Koford set ups are smaller, lighter and more reliable than competitors products and feature precision CNC with plating cans to prevent rust and provide superior magnet retention. Our special group endbells are smaller and lighter for better handling.

M283-6-C12 C12 6 mag with .480 tall CNC can to fit .760 long .490 dia. arms. \$248.39 ea.

M283X Quad magnet CNC can ultra short Amateur C12 legal set up. Fits .760 long .490 dia. arm. \$208.86 ea.

C CAN CERAMIC SET UPS

M547C Double ball bearing set up with M727 can, .450 long magnets. \$74.21 ea.

M547B Ultra set up with M727 can, .450 long magnets and can bb for .518 arms. \$56.18 ea.

M547A Ultra set up with M727 can, .450 long magnets, for .518 arms \$42.15 ea.

M508A Set-up with M505 can and .500 magnets and with can ball bearing for .518 arms. \$56.18 ea.

COMPLETE G7 MOTORS

M196-20-G7 20 mag CNC open motor with 84 SAW arm. \$460.80 ea.

M196D654 G7 drag motor with .480 tall extra thick 6 mags in CNC billet can with high time .459 dia. 54 arm. \$396.18 ea.

COMPLETE 27L MOTOR

M196-27R G27 Light motor with radial magnets. CNC can with .440 long singles. \$365.82 ea.

CERAMIC C CAN WING AND SCALE MOTORS

M527I Aluminum endbell H12 motor for Hillbilly Box racing with double ball bearings and shunts. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$161.92 ea.

M527H Aluminum endbell G12 motor for scale racing with double ball bearings and shunts. 518 48° arm. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$147.78 ea.

M527SW Ultra Super Wasp Motor. Lightweight can and .450 long magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$73.37 ea.

M527A Ultra G12 motor. Lightweight can and .450 long magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$80.03 ea.

M527B Ultra G12 blueprinted motor with shunts and can ball bearing. Lightweight can and .450 long magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$107.59 ea.

M527D Ultra G12 blueprinted motor with can ball bearing. Lightweight can and .450 long magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$84.50 ea.

M527E High time 44° arm .518 Ultra G12 blueprinted motor with can ball bearing for scale racing with 8T pinion or for use on low power. Lightweight can and .450 long magnets. \$85.53 ea.

M527F High time 44° .518 arm Ultra G12 blueprinted motor with double ball bearings and shunts for scale racing. Gear with 8T (64p) or 9t (72p) pinion. Lightweight can and .450 long magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$130.89 ea.

M504D Super Feather RTR G12 Motor with shunts and can ball bearing. Heavier and stronger can and .500 magnets. Motor is assembled by Koford craftsmen with premium brushes and fully broken in. \$102.49 ea.

M504E Super Feather RTR G12 Motor with shunts and double ball bearings. Heavier and stronger can and .500 magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$117.66 ea.

M504G Super Feather RTR Gp 12 motor with can ball bearing. Heavier and stronger can and .500 magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$84.50 ea.

M504H High time arm Super Feather RTR Gp 12 motor with can ball bearing. 44° .518 arm. Heavier and stronger can and .500 magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$84.70 ea.

M504A Super Feather RTR Gp 12 motor. Heavier and stronger can and .500 magnets. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$80.03 ea.

M504-20RTR Replacement motor for Koford G20 RTR cars. Motor is blueprinted and assembled by Koford craftsmen with premium brushes and fully broken in. \$83.92 ea.

DRAG 20 MOTORS

M525-20 Drag 20 motor with famous Koford Tri-Star Drag 20 arm (.518) and C can set up using the new M524 drag can and single piece magnets. Fully broken in and ready to win. \$84.68 ea.

DRAG 12 MOTORS

M525-12 Drag 12 motor with Koford Tri-Star 12 arm and C can set up using the new M524 drag can and single piece magnets. Fully broken in and ready to win. \$69.58 ea.

M550-12 Double ball bearing Drag 12 with silver shunts, Koford radially oriented drag magnets, and high time .510 Koford drag 12 arm. Fully broken in and ready to win. \$127.60 ea.

HAWK MOTORS

M721 Hawk 19 Drag motor with Sintered Neo mags and 48° arm. Sintered Neo magnets increase gauss by 10% for more power. \$76.73 ea.

M712 JK Hawk motor with with bonded Neo magnets and Koford 12 arm, Super Big Foot 2 brushes and silver conductive springs. \$66.67 ea.

M646 JK Hawk ceramic magnet motor with Koford replacement arm, Super Big Foot 2 brushes and silver conductive springs. \$58.00 ea.

M647 JK Hawk ceramic magnet motor with Koford 12 arm, Super Big Foot 2 brushes and silver conductive springs. \$65.73 ea.

G7 CANS

M471B .480 tall ultra precision, ultra straight, super strong, fully CNC machined, windowed, open/G27 can, with .630 ID. Plated for maximum solder and epoxy bond strength and no rusting. \$44.37 ea.

M735 .465 tall Lightweight OD ground G7 Light CNC can with .015 wall and .620 magnet ID. Use with M287-TA or M287-O endbell. \$59.00 ea.

M471I .480 tall Lightweight OD ground G7 Light CNC can with .015 wall and .630 magnet ID. \$54.37 ea.

M471H .490 tall ultra precision, ultra straight, super strong, fully CNC machined, windowed, G7 can, with .630 ID. Plated for maximum solder and epoxy bond strength and no rusting. \$44.37 ea.

M555 .480 tall G7 Drag Billet can, with .630 ID, non windowed and designed for maximum flux path. Plated for maximum solder and epoxy bond strength and no rusting. \$42.98 ea.

27L CANS

M731A .615 ID Lightweight but strong OD ground 27L CNC can with .012 wall. .418 tall for M277S2-440 magnets. 2019 Nat's TQ. For 485 or 490 arms. \$51.54 ea.

M471J .630 ID Lightweight OD ground 27L CNC can with .012 wall. .418 tall for M277TR27L magnets. .5g lighter than M471F. \$51.54 ea.

C12 CANS

NEW! M756 .620 ID, OD ground C12 can for 450 tall x 350 long magnets. Use M287-QA or M287Q endbells. \$51.99 ea.

M731B .615 ID Lightweight but strong OD ground C12 CNC can with .012 wall. .480 tall for M277S6-300 magnets. 2019 Nat's winner. For 485 or 490 arms. \$51.54 ea.

M726 .630 ID, .480 tall lightweight OD ground C12 can with .012 wall and .630 magnet ID. Used to win 2018 Nat's. \$50.95 ea.

M521 Short 480 tall .630 ID ground CNC can for C12, fits .300 long magnets. Can is ultra precision, ultra strong, ultra straight. Plated for maximum solder and epoxy bond strength and no rusting. For .760 long arms. \$40.95 ea.

EUROSPORT CANS

M728 OD ground .578 ID x .450 tall with .012 wall. \$52.35 ea.

M702 Short 1/32 ES .578 ID x .430 tall CNC can for .240 stack arms. Plated for maximum solder and epoxy bond strength and no rusting. Use with M619F-E or M255F-E arms. \$42.35 ea.

M729 OD ground version of the can above. .012 wall. \$52.35 ea.

C CANS

M727 H12 and Scale can. Stronger harder steel than M528. Lower gauss than M528 is ideal for H12 and Scale motors. Fits .450 long magnets. \$9.59 ea.

M505 Super Feather G12 can stronger but heavier than the M528 can, similar gauss, fits .500 long magnets. Popular for Scale racing. \$9.59 ea.

M593 Treated Drag C can. Special treatment increases flux 2% over the standard drag can. \$11.95 ea.

M524 Drag C can with optimized design for more gauss than the competition. \$10.95 ea.

G15 CANS

M559 Lightweight, windowed .480 tall, precision CNC machined G15 can, uses M415 endbell. \$46.25 ea.

CERAMIC MAGNETS

M606 Matched 450 long x .150 thick C can magnets with new (stronger) orientation. \$13.50 pr.

M607 Matched .450 long x .155 thick C can magnets with new (stronger) orientation. Especially recommended for H12 and OMB wing car racing with the M528 or M727 cans. The choice of top racers everywhere. \$13.50 pr.

M604 Matched .500 long x .150 thick C can magnets with new (stronger) orientation. \$13.50 pr.

M605 Matched .450 long x .150 thick C can magnets with original orientation. These magnets are recommended for scale racing. \$13.50 pr.

M529 Matched 450 long x .155 thick C can magnets with original orientation. \$13.50 pr.

M456 Matched .500 long x .150 thick C can magnets with original orientation. These magnets are recommended for scale cars especially with 8t 64p or 9t 72p pinions. \$13.50 pr.

M592 Ultrastrong radial drag magnets, when used with M593 treated can produces 4% more flux than competitors wide can and .170 thick quad magnets without the problems of nonstandard size cans. .165 thick x .520 long \$29.95 pr.

M701 480 tall x 470 long x .167 thick high gauss radially oriented G15 magnets. Radial orientation produces a radial field like a 10 mag motor but the magnets are one piece for maximum durability and ease of installation. \$35.00 pr.

M600 Improved 480 tall x 450 long x .167 thick high gauss radially oriented G15 magnets. Radial orientation produces a radial field like a multi magnet motor but the magnets are one piece for maximum durability and ease of installation. \$35.00 pr.

COBALT MAGNETS

440 LONG

M277S2-440 For M731A 615 ID 27L cans, .059 thick with stronger material. Suitable for .485 to .490 arms. \$75.98 pr.

M277TSR27L .061 thick with stronger material. Use with M471J OD ground cans. This combination saves .3 grams with no loss of magnet strength compared to using a regular can and regular radial magnets. Suitable for .495 to .500 arms. \$75.98 pr.

M277TR27L .061 thick G27L magnets. Suitable for .495 to .500 arms. \$75.98 pr.

400 LONG

M277D6-400 Drag magnet segment outers for .480 tall x .400 long x .081 six mags, \$72.32 set.

M277D6C-400 Drag 6 centers to make 480 tall x 400 long x .081 six mags. \$36.16 pr.

M277D6-88-400 drag cobalt magnet segment outers for .480 tall x .400 long x .088 six mags, \$77.98 set.

M277D6C-88-400 Drag 6 centers to make 480 tall x 400 long x .088 six mags. \$38.98 pr.

M277D6-95-400 drag cobalt magnet segment outers for .480 tall x .400 long x .095 six mags, \$82.98 set.

M277D6C-95-400 Drag 6 centers to make 480 tall x 400 long x .095 six mags. \$41.98 pr.

M277N-400 .032 tall x .400 long x .069 thick "Slivers". Center segments for making G27 twenty four magnet motors with M277O400 outers. Not magnetized. \$11.84 pr.

M277O-400 Outer segments for making .480 tall x .400 long x .069 thick G27 twenty magnet motors with M277S-400 slivers. \$35.52 (set of 4)

M277S-400 .042 tall x .400 long x .069 thick "Slivers". Center segments for making G27 480 tall twenty magnet motors with M277O400 outers, or 14 magnet motors with M277F8-400 outers. Not magnetized. \$12.05 pr.

M277TB6-400 Thin "Big Six" outer segments for G27. New Bifurcated tip design and near equal segment size design. Used with M277TBC6-400 to make 480 tall x 400 x .060 thick magnets. \$64.00 set of 4

M277TB6C-400 Thin "Big Six" center segments for G27. Use with M277TB6-400 to make 480 tall x 400 long x .060 thick magnets. \$32.00 pr.

M277B6-400 "Big Six" outer segments for opens or where a tight air gap is desired for G27. New Bifurcated tip design. Used with M277BC6-400 to make 480 tall x 400 x .071 thick magnets. \$67.00 set of 4

M277B6C-400 "Big Six" center segments for opens or where a tight air gap is desired for G27. Use with M277B6-400 to make 480 tall x 400 long x .071 thick magnets. \$34.00 pr.

M277TF400 Thinner outer magnet segments, .400 long for 8 & 10 mag G27 motors. Use M277TA400 for .480 tall 10 mags or M277C400 tall center segments for .480 tall 8 mags. \$58.99 set of 4.

M277F8400 .072 thick outer magnet segments, .400 long for 8 & 10 mag G7 motors. Use M277C400 tall center segments for .480 tall 8 mags or M277A400 for .480 tall 10 mags. \$60.99 set of 4.

M277FQ400 .400 tall x .400 long x .072 thick flat top quads, use with M277A400 for .450 tall 6 mags and M277C400 for .480 tall 6 mags. \$69.99 set.

M277TA400 Thinner center segments .400 long for 6, 8, and 10 mag G27 set ups. Thinner thickness reduces grinding. .463 tall with M277TF400. Not magnetized. \$20.95 pr.

M277A400 Regular center segments for .450 tall x 400 long 6, 8 or 10 mags G27 set ups. .463 tall with M277FQ-400. Not magnetized. \$20.95 pr.

M277C400 Tall center segments for .480 tall x .400 long 6 or 8 mag G27 set ups when used with M277FQ magnets. Not magnetized. \$24.50 pr.

M277Q-400 Angle tip 400 long x 400 tall x .071 thick quads. Use alone or mix and match for multi mag set ups. \$69.99 set.

380 LONG

M277OOL-380 Small outer segments for making .450 tall x .380 long x .072 thick G7 multi mag motors . For .485 and .480 arms. \$36.27 (set of 4)

M277PPS-380 Ultra small outer segments for making .480 tall x .380 long x .072 thick G7 30-42 mag motors . For .485 and .480 arms. \$34.20 (set of 4)

M277PPL-380 Outer segments for making .450 tall x .380 long x .072 thick G7 motors with M277NN-380 slivers. For .485 and .480 arms. \$36.27 (set of 4)

M277PPS-380 Ultra small outer segments for making .480 tall x .380 long x .072 thick G7 30-42 mag motors . For .485 and .480 arms. \$34.20 (set of 4)

M277PP-380 Outer segments for making .480 tall x .380 long x .072 thick G7 28 mag motors with M277NN-380 slivers. For .485 and .480 arms. \$36.27 (set of 4)

M277OO-380 Outer segments for making .480 tall x .380 long x .072 thick G7 20 mag motors with M277SS-380 slivers, or 24 mag motors with M277NN-380 slivers. For .485 and .480 arms. \$36.27 (set of 4)

M277SS-380 .042 tall x .380 long x .072 thick "Slivers". Center segments for making .480 tall G7 twenty magnet, or 510 tall 22 magnet motors with M277OO380 outers. Not magnetized. \$12.15 pr.

M277NN-380 .032 tall x .380 long x .072 thick "Nanos". Center segments for making .480 tall G7 24 and 28 magnet, or .510 26 or 30 magnet motors with M277OO380 or M277PP380 outers. Not magnetized. For .485 and .480 arms. \$12.04 pr.

M277P-380 Outer segments for making .480 tall x .380 long x .069 thick G7 28 mag motors for .490 arms using M277N-380 slivers. \$33.90 (set of 4)

M277N-380 .032 tall x .380 long x .069 thick "Nanos". Center segments for making .480 tall G7 twenty four magnet with M277O380 outers. Not magnetized. \$11.25 pr.

M277O-380 Outer segments for making .480 tall x .380 long x .069 thick G7 20 mag motors with M277S-380 slivers, or 24 mag motors with M277N-380 slivers. \$33.90 (set of 4)

M277S-380 .042 tall x .380 long x .069 thick "Slivers". Center segments for making .480 tall G7 twenty magnet, or 510 tall 22 magnet motors with M277O380 outers, or 14 magnet motors with M277F8-380 outers. Not magnetized. \$11.36 pr.

M277B6-380 "Big Six" outer segments. Bifurcated tip design and near equal segment size design. Use with M277BC6-380 to make 480 tall x .380 long 6 mag open set ups. .071 thick. \$64.00 set of 4

M277B6C "Big Six" center segments. Larger center segment. Use with M277B6-380 to make 480 tall x .380 long 6 mag open set ups. .071 thick. \$32.00 pr.

M277F8380 Outer magnet segments, .380 long for 8 & 10 mag G7 motors. Use M277A380 for .480 tall 10 mags or M277C380 tall center segments for .480 tall 8 mags. .072 thick. \$59.99 set of 4.

M277FQ380 Outer segments for .380 long 6, 8, or 10 mag G7 motors. .072 thick. \$69.99 pr.

M277A380 Center segment for making .480 tall x .380 long x .072 thick 10 mag set ups using 3 pair with one set of M277F8-380. .463 tall with M277FQ380. Not magnetized. \$19.95 pr.

M277C380 Tall center segments for .480 tall x .380 long 6 or 8 mag set ups. Adds .080 to magnet height. .072 thick. Not magnetized. \$23.50 pr.

350 LONG

NEW! M277KC12-350 .450 tall 6 mag kit with narrow centers. \$95.64 set

NEW! M277EC12-350 .450 tall 6 mag kit with approximately equal segments. \$95.64 set

M277R10-350 Push-pull 10 mag kit for .450 tall x .350 long qualifying magnets for .480 arms. For M471K or M471A cans. \$103.50 set

M277F8-350 Outer segments for making .480 tall x .350 long x .072 thick 10 mag G7 qualifiers with 3 pr. of M277A-350. For .480 arms. \$54.99 (set of 4)

M277A350 Center segment for making .480 tall x .350 long x .072 thick 10 mag G7 qualifiers using 3 pair with one set of M277F8-350. .463 tall with M277FQ350. Not magnetized. \$18.50 pr.

M277PPL-350 Outer segments for making .450 tall x .350 long x .072 thick G7 motors with M277NN-380 slivers. For .485 and .480 arms. \$34.98 (set of 4)

M277PP-350 Outer segments for making .480 tall x .350 long x .072 thick G7 28 mag motors with M277NN-350 slivers. For .485 and .480 arms. \$34.98 (set of 4)

M277NN-350 .032 tall x .350 long x .072 thick "Nanos". Center segments for making .480 tall G7 24 and 28 magnet motors with M277OO350 or M277PP350 outers. Not magnetized. For .485 and .480 arms. \$10.99 pr.

M277FQ350 Thicker outer segments for .350 long 6,8,10 mag G7 or 6 mag C12 set ups. \$64.99 set

M277C350 Tall center segments for .480 tall x .350 long 6 or 8 mag G7/C12 set ups. Not magnetized. \$22.50 pr.

300 LONG

M277S6-300 480 tall C12 .059 thick 6 mag kit to fit M731B .615 ID can. \$86.95 set

M277C6-300 480 tall C12 (push-pull) .064 thick 6 mag kit to fit M521 can. For 490 or larger arms \$86.95 set

M277E24-300 E24 24 mag (push-pull) kit for M728 small diameter can to fit .480 arms. .450 tall x .046 thick. \$180.00 set

M277EV-300 .027 x .046 center segments. Use to make .450 tall Eurosport 24 mags (1pr. M277EP300, 1pr. M277EO300, 10pr M277EV-300) for M728 small diameter can to fit .480 arms. \$14.85 pr.

M277EU-300 .025 tall x .046 x .300 center segments \$14.85 pr.

M277ESO-300 .120 tall outer segments to make .430 tall Eurosport 10 mags with approximately equal segments using M277ELC-300 centers and the M728 small diameter can to fit .480 arms. \$37.99 set of 4

M277ELC-300 .095 tall center segments to make .430 tall Eurosport 10 or 16 mags for M728 small diameter can to fit .480 arms. .046 thick. \$16.85 pr.

M277EP-300 .166 tall outer segments to make .430 tall Eurosport 10 mags using M277EA-300 centers and the M728 small diameter can to fit .480 arms. \$42.99 set of 4

M277EO-300 .083 tall outer segments to make .430 tall Eurosport 16 mags using 6 cards of EA300 centers for M728 small diameter can to fit .480 arms. \$28.45 set of 4

M277EA-300 .053 tall center segments to make .430 tall Eurosport 10 or 16 mags for M728 small diameter can to

fit .480 arms. .046 thick. \$15.85 pr.

M277ET-300 .430 tall Eurosport singles for M728 small diameter can to fit .480 arms. \$52.00 pr.

M277ES-300 .430 tall Eurosport singles for M728 small diameter can for .456 arms. \$53.00 pr.

M277EQ-300 .430 tall Eurosport quads for M728 small diameter can for .456 arms. \$60.00 set of 4

M277B6-300 Big Six Eurosport outer segments for .480 tall x .300 long x .071 thick magnets to fit M521 can for 480 arms. Bifurcated tip. \$57.00 set of 4

M277B6C-300 Big Six Eurosport center segments for .480 tall x .300 long x .071 thick magnets to fit M521 can for 480 arms. \$29.50 set of 2

M277TB6-300 Big Six C12 outer segments for .480 tall x .300 long x .063 thick magnets to fit M521 can for 490 or larger arms. Bifurcated tip. 2009 Nat's winner. \$57.00 set of 4

M277TB6C-300 Big Six C12 center segments for .480 tall x .300 long x .063 thick magnets to fit M521 can for 490 arms. 2009 Nat's winner. \$29.50 set of 2

M277RQ300 .070 thick .480 tall quads for Eurosport set ups to fit M521 can. \$65.99 set of 4

M277TF300 .063 thick outer segments .300 long for .470 tall 10 mag C12 set ups using the M277TA300 center segments (3 per side). \$52.99 set of 4.

M277TA300 .063 thick center segments .300 long for 6, 8 and 10 mag C12/Eurosport set ups. Thinner thickness reduces grinding. Adds .050 to magnet height. \$17.00 pr.

M277FQ-300 .400 tall x .300 long Eurosport flat top quad magnets to fit the old M496 can. For .459 arms. \$62.99 ea.

M277A300 Center segment .300 long. For use with .300 long magnet FQ magnets for .450 tall 6 mag Eurosports. For .459 or .480 arms \$18.00 pr.

M277TQ-300 .480 tall x .300 long x .065 thick C12 quads to fit M521 can. Radius tip. \$59.95 set of 4

250 LONG

M277E32-250 24 mag (push-pull) kit for M702 or M729 E32 can to fit .480 arms. .430 tall x .046 thick. \$158.00 set

M277EP-250 .166 tall outer segments to make .430 tall Eurosport 10 mags using M277EA-250 centers and the M652 small diameter can to fit .480 arms. \$39.98 set of 4

M277EA-250 .053 tall center segments to make .430 tall Eurosport 10 or 16 mags for M652 small diameter can to fit .480 arms. .046 thick. \$14.74pr.

M277ET-250 .430 tall Eurosport singles for M652 small diameter can to fit .480 arms. \$49.00 pr.

M277ES-250 .430 tall Eurosport singles for M652 can for .456 arms. \$50.00 pr.

M277B6-250 Outer segments for .480 tall x .250 long x .071 thick Eurosport Six magnets. Use with M277T-B6C-250 centers in M521 CNC can with .480 arms. \$56.00 set of 4

M277B6C-250 Center segments for .480 tall x .250 long x .071 thick Eurosport magnets. Use with M277TB6-250 outer segments in M521 CNC can with .480 arms. \$29.00 set of 2

M277RQ250 .070 thick x .480 tall quads for Eurosport set ups to fit M521 can. \$59.41 set of 4

M277TT Eurosport .400 tall x .250 long singles. .060 thick for .480 arms. \$53.99 pr.

M277Q250 Eurosport angle top magnets .400 tall x .250 long x .071 thick for .459 or .480 arms. \$64.45 set

M277FQ250 Eurosport flat top quad magnets .400 tall x .250 long x .071 thick for .459 or .480 arms. \$64.45 set

M277A250 Center segment .250 long. For use with .250 long magnet FQ magnets for .450 tall 6 mag Eurosports. .071 thick for .459 or .480 arms \$18.00 ea.

EPOXY

M345 High temperature epoxy magnet adhesive. Single component advanced structural adhesive especially formulated for gluing slot car magnets. Has superior impact strength and high temperature capabilities compared to commonly available magnet adhesives. Oven cure. \$3.98 ea.

M385 High temp. endbell epoxy. Optimized for use in endbells. Oven cure. \$3.98 ea.

COBALT MOTOR ENDBELLS (27L, C12) WING CAR)

NEW! M287-QA Bare ultralight endbell with no hardware holes for M471, M726 and M521 cans. Can holes not tapped. Fits M632 ball bearings. \$26.98 ea.

M732B Bare ultralight endbell for M731 cans. Four degree timing advance. Fits M632 ball bearings. \$26.98 ea.

M732K Ultralight endbell kit for M731 cans. Four degree timing advance. Fits M632 ball bearings. \$45.75 ea.

M732A Assembled ultralight endbells for 615 ID cans. Four degree timing advance. Fits M632 ball bearings. \$54.96 ea.

M742 Bare ultralight endbell for 731 cans. No hardware holes. Fits M632 ball bearings. \$26.98 ea.

M287-QC Assembled vertical hood aluminum endbell for M471 cans. suitable for Drag motors and Open qualifiers. \$55.50 ea.

M287-Q Bare ultralight aluminum endbell for M471 cans. For use in 27L, C12 and G7 Qualifying. \$26.98 ea.

M287-HC Assembled horizontal hood aluminum G27L endbell for M471 cans. \$54.50 ea.

COBALT MOTOR ENDBELLS (G7-TMO) WING CAR)

M287-TA Long tower bare G7 endbell for capped comms. No face holes, side holes untapped. Fits M471 and M735 cans and regular or fat M637 ball bearing. \$26.98 ea.

M287-T Long tower bare endbell for capped comms. Fits M471 and M735 cans and regular or fat M637 ball bearing \$28.98 ea.

M287O-4 Bare four degree advanced timing G7-TMO endbell for non capped comms. Fits M471 and M735 cans and regular or fat M637 ball bearing. \$26.98 ea.

M287O-4CR Assembled Four degree advanced timing G7-TMO endbell with M637 ball bearing for non capped comms. Fits M471 and M735 cans \$54.50 ea.

M287-O Bare endbell, with maximum heatsinking capacity for open motors. Fits M471 and M735 cans. \$26.98 ea.

M287-OC Assembled vertical hood aluminum endbell for Koford G7 motors. Fits M471 cans. \$61.25 ea.

M287-OC Assembled vertical hood aluminum endbell for Koford G7 motors. Fits M471 cans. \$54.50 ea.

ALUMINUM HAWK ENDBELLS

M287-AB Bare aluminum endbell to fit the Hawk set up. Fits Koford hardware. Use with M313 springs and M476 brushes. \$26.98 ea.

M287-AK Kit aluminum endbell to fit the Hawk set up. Includes hardware and BB. Use with M313 springs and M476 brushes. \$43.75 ea.

M287-AA Assembled aluminum endbell to fit the Hawk set up. Includes hardware and BB. Use with M313 springs and M476 brushes. \$50.75 ea.

COBALT MOTOR ENDBELLS (EURO)

M287-E Bare Aluminum Euro endbell to fit M715, M728, M702 and M729 Euro can and Koford arms. \$23.98 ea.

M287-EC Assembled aluminum Euro endbell to fit M715, M728, M702 and M729 Euro can and Koford arms. \$49.50 ea.

M287-L Long tower aluminum Euro bare endbell to fit M715, M728, M702 and M729 Euro cans. For arms with caps. \$24.98 ea.

M287-LA Long tower aluminum bare Euro endbell with no face holes to fit M715, M728, M702 and M729 Euro cans. Side holes are not tapped. For making advanced timing endbells for arms with caps. \$24.98 ea.

M287-LC Assembled long tower aluminum Euro endbell to fit M715, M728, M702 and M729 Euro can. For arms with caps. \$50.50 ea.

CERAMIC MOTOR ENDBELLS

M705-B Bare G12 aluminum endbell. Use M478 hoods, M281 spring cups, M282 insulators, M632 ball bearing and M256 screws. \$26.98 ea.

M705-K G12 aluminum endbell kit with bb. \$43.75 ea.

M705-A Assembled G12 aluminum endbell with bb. \$50.75 ea.

M614 G12 endbell oilite kit with Gold plated horizontal hardware and brass spring cups for non shunted motors. Use with M609 conductive springs. \$15.09 ea.

M714 G12 endbell kit with ball bearing , Gold plated horizontal hardware and aluminum spring cups for shunted motors. \$23.35 ea.

M613 Blueprinted G12 oilite endbell with Gold plated horizontal hardware. Brass spring cups for non shunted motors. Hardware and screws epoxed in place and aligned with alignment bar. Hoods debured with diamond tool. Use with M609 conductive springs. \$19.39 ea.

M589 Assembled G12 endbell with ball bearing installed. \$34.66 ea.

M514 G12 oilite endbell kit with Gold plated horizontal hardware and aluminum spring cups for shunted motors. \$15.09 ea.

M506 Blueprinted G12 endbell with oilite and Gold plated horizontal hardware. Aluminum spring cups for shunted motors. Hardware and screws epoxed in place and aligned with alignment bar. Hoods debured with diamond tool \$19.40 ea.

M419 Bare endbell for all Koford C can motors. Comes with holes for M466 screws, fits M507 hardware. Use M509 bearing. \$4.89 ea.

M415 Bare G15 endbell. \$19.95 ea.

M568 Assembled aluminum G15 endbell. \$45.48 ea.

HOODS, & HEATSINKS

M507 Gold plated aluminum, horizontal hardware for all Koford C can motors. \$10.98 set. (6 sets per card)

M502 Gold plated vertical hoods for open set ups. \$9.98 ea.(6 sets per card)

M478 Horizontal brush Gold plated aluminum hoods for all Koford Endbells. Gold plating offers the lowest possible contact resistance providing more power than "copper" hoods on non shunted motors like Box Stocks. These hoods are recommended for use on C12, and G27 motors. For G7 motors use M502 vertical hoods only. \$9.98 set(6 per cd.)

M381 Metal plates for ceramic magnet set ups, fits under M507 hood/bussbar. \$2.98 set(6 per cd.)

MISC. ENDBELL ITEMS

M608 Brass spring cups for use with M609 conductive springs for non shunted C can motors. Brass has low contact resistance with conductive springs and reduces resistance due to reducing the length current has to travel in the conductive spring. \$1.29 pr. (12pr. cd.)

M267 Teflon® spring insulation, perfect fit on springs \$.79 ea.(6 per cd.)

M268 Silver plated shunt wire \$1.48 ea.(6 per cd.)

M281 Self centering ultra light aluminum alloy spring cups for Koford set ups, easy open box of 24 \$1.29 pr.

M282 Insulator for aluminum endbell, box of 24. \$.98 ea.

M295 Heat transfer compound. Apply between brush and hood on motors to reduce comm temperatures and increase reliability. \$1.98 ea.

MOTOR SCREWS

M256 0-80 aluminum endbell and can screws, anodized to resist corrosion, 1/3 the weight of steel. Use standard wheel wrench to tighten. Reduces stripping of endbell threads compared to steel screws. Easy open box of 24. \$1.16 ea.

M466 Self tapping Box Stock can & endbell screws. 1/8" long for minimum weight and to provide can screw clearance on Feather set ups. Tighten with standard wheel wrench. box of 24.\$32 ea.

M300 Thread retaining compound used to keep can screws from vibrating loose on aluminum endbells. Prevents endbell damage by allowing can screws to be tightened until only snug. \$3.96 ea.

MOTOR BRUSHES

M485 - S.B.F. II Horizontal brushes for 16D, Super 16D, Competitor, etc. The Worlds best motor brush, winner of countless World and National championships. These are the brushes which our M476 and M244 brushes are machined from. \$4.20 pr. 6 pr. per card

M486 same as M485 but in 50 pr bulk pack. \$200.00 pk.

M244 Brushes machined for vertical brush hoods with precision machined shunt slots. For G7 motors. \$5.20 pr.(6 pr. per cd.)

M476 Brushes machined for C12, G27 , shortened and with precision ground shunt slot. \$5.20 pr. (6 pr. per cd.)

SPRINGS

M609 Conductive springs for non shunted C can motors. Silver plated high strength copper alloy. Reduces resistance between buss bars and brush for more power. Use with M608 brass spring cups for lowest resistance. \$2.29 pr. (6 sets per cd.)

M313 Standard springs for all Koford motors. Spring material withstands 800°F. \$1.98 pr.(6 sets per cd.)

M276 Heavy tension for G7 motors. \$1.98 pr.(6 sets per cd.)

MOTOR BEARINGS

M632 Crown retainer 5mm can and endbell ball bearings for all classes. \$9.24 ea.

M637 Wide width "fat" 5mm precision motor bearings. \$14.99 ea.

M538 Flanged 5mm precision ball bearings for C can endbells \$15.50 ea.

M509 5MM flanged oilites. \$.98 ea. (6 sets per card)

NEW! M763 1.5x4x2.0mm high speed ball bearings. \$15.99 ea.

NEW! M764 1.5x5x2.6mm high speed ball bearings. \$19.41 ea.

MOTOR BUILDING TOOLS

M724S Soft magnet cleaning putty. \$3.99 ea.

M406 Diamond ID Grinding Tool. For perfectly sizing your magnet air gap concentric with the bearing centerline. Each size removes a maximum of .005 on the diameter. Available in .468, .470, .472, .480, .490, .492, .495, .500, .505, .510, .512, .518, .520, .525, .528, .530, .533, 534, .536, and .538 diameters. \$51.44 ea.

M406C Custom size "Gold" diamond ID grinding tool. Each size removes a maximum of .005 on the diameter. Made to order, specify diameter, allow 2 weeks lead time. \$54.60 ea.

M676 Diamond hood grinding tool .235 diameter. To clearance hoods for large diameter caps. \$41.74 ea.

M716 Diamond brush radius tool for fast break in. Available in .190, .195, .200, .205 diameter. \$40.90 ea.

M716-C Custom size diamond brush radius tool for fast break in. Specify size. \$51.45 ea.

M188 Bearing installation tool, .464, .468, .472, .480, .490, .492, .495, .498, .500, .505, .510, .512, .518, .520, .525, .528, .530, .532, .533, .534, .536, .538 \$8.01 ea.

M188C Bearing assembly tool custom sizes. \$11.47 ea.

M523 Eurosport bearing assembly tools. Short length just for Euro set ups. .482, .490, .492. \$11.50 ea.

M523C Custom size Eurosport bearing assembly tools. \$12.50 ea.

M270 .209 brush radius tool for fast break in. \$4.49 ea.

M148 Alignment bar with holes, provided with centering holes for both vertical and horizontal style brush hoods. The essential tool for motor assembly, used by motor builders world wide. \$3.39 ea.(6 per cd.)

ARMATURE SPACERS

M265 .007 phosphor bronze spacers, Ultra precision fit on armature shaft to eliminate vibration due to loose fit, phosphor bronze is very hard but will not stick to magnets. 12 per bag. \$4.46 pk.(6 per cd.)

M266 .003 phosphor bronze spacers, 12 per bag. \$4.46 pk.(6 per cd.)

M249 lightweight.007 aluminum arm spacers, Use between bronze spacers so as to provide necessary support, 12 per bag. \$4.46 pk.(6 per cd.)

MISC. MOTOR ITEMS

M602 Arm tube with cap. \$2.81 (card of 6)

M603 Motor boxes with 2 pc. of yellow foam \$5.71 (card of 6)

M573 Motor box labels \$1.19 set (6 sets per card)

READY TO RUN 27 & DRAG CARS

M462 Complete funny car with CNC billet can 6 mag drag motor and aluminum chassis. Ready to win out of the box but also easy to drive with great consistency off the line with the rugged Koford aluminum drag chassis. \$607.82 ea.

M352-27L Premium 27L car with Nat's winning M610 chassis, CNC can, 27L magnets, and WX+ tires. \$590.31 ea.

RTR Hawk, FK, 12 & 20 CARS

M755 CR104 Neo ball bearing non replacable brush motor car with Koford EDM spring steel chassis and hardened solder on pinion, flatted axle, mag rim tires, etc. \$174.00 ea.

M713 Hawk 12 car with Koford EDM spring steel chassis and M647 Hawk 12 motor. \$209.67 ea.

M457A Box Stock 12 car with the Koford spring steel chassis and other parts. \$247.77 ea.

M342-2 G20 RTR car. Koford spring steel chassis and other parts. \$258.17 ea.

EDM CHASSIS

The Koford "Beuf Express" family of chassis are winners of countless World and National championships in every class. Koford chassis provide a winning combination of speed, predictable behavior and durability. Our chassis are cut on our own wire EDM machine providing the best fit and accuracy of parts and the best strength. Koford has long been the leader and innovator in chassis technology. Our firsts include the modern perimeter chassis, interlocking back end, top brace, clip lead wire retainer, plated chassis, inboard rails, and the EDM aluminum chassis. All Koford EDM chassis are computer designed on our CAD system and produced on our own wire EDM machines for the ultimate in quality. Our aluminum chassis are made from the strongest aluminum alloy available and then are plated with a composite alloy plating which provides solderability and best contribution to structural strength possible (superior to the plating used on most other chassis).

Gp-12/Hill Billy/GroupF/OMB/SPEC CHASSIS Kit

NEW! M530X Narrow 3.925 long lightweight chassis without pans. Kit. \$68.25 ea.

NEW! M530Z Narrow 4.000 long lightweight chassis without pans. Kit. \$68.25 ea.

M530V 2023 Nat's winner OMB12 and H12. Narrow 3.995 long lightweight chassis without pans. Kit. \$68.25 ea.

M530T 3.995 long lightweight chassis without pans. Kit. \$68.25 ea.

M530R 4.070 long lightweight chassis without pans. Kit. \$68.25 ea.

M746B 4.120 long GpF/OMB chassis. Kit \$68.25 ea.

M746F 4.340 long GpF/OMB chassis. Kit. \$68.25 ea.

M746D 4.610 long GpF/OMB chassis. Kit \$68.25 ea.

Assembled

NEW! M530W Narrow 3.925 long lightweight chassis without pans. Assembled. \$85.60 ea.

NEW! M530Y Narrow 4.000 long lightweight chassis without pans. Assembled. \$85.60 ea.

M530U Narrow 3.995 long lightweight chassis without pans. Assembled. \$85.60 ea.

M530S Assembled 3.995 long lightweight chassis without pans. \$85.60 ea.

M530Q 4.070 long lightweight chassis without pans. Assembled. \$85.60 ea.

M746A Assembled 4.120 long GpF/OMB chassis. \$85.60 ea.

M746E Assembled 4.340 long GpF/OMB chassis. \$85.60 ea.

M746C Assembled 4.610 long GpF/OMB chassis. Longer length for flatter bumpier tracks. \$85.60 ea.

G27 LIGHT CHASSIS

NEW! M709H Beuf Express NarrowTek .050 steel chassis kit 7.3g with rear pin tubes moved back for better body support. 3.850 long and .125" narrower than standard. \$128.90 ea.

M709D Beuf Express NarrowTek .050 steel chassis kit with center weight of 7.4 grams. 3.850 long and .125" narrower than standard. \$118.90 ea.

M709E Beuf Express NarrowTek .050 steel chassis kit with body support. 3.850 long and .125" narrower than standard. \$118.90 ea.

M709C Ultralight design with center weight of only 8.54 grams. 3.850 long Beuf Express G27 light .050 steel chassis kit. \$93.70 ea.

M709B 3.850 Beuf Express QuadRail wide motor box G27 light .050 steel chassis kit. \$111.00 ea.

M709A 3.850 long Beuf Express G27 light .050 steel chassis kit. \$93.70 ea.

NEW! M709G 4.069 long wide motor box Beuf Express G27 light .050 steel chassis kit. \$94.70 ea.

M610Y 4.119 wide motor box Beuf Express G27 light .050 steel chassis kit. \$92.70 ea.

M610Z 4.550 Beuf Express G27 light .050 steel chassis kit for flatter tracks. \$92.70 ea.

M610G Assembled LONG Beuf Express G27 light .050 steel chassis. 4.600 guide lead. \$145.50 ea.

M610H Kit version of M610G. \$95.48 ea.

M610I Assembled LONG Beuf Express G27 light with gear guard. 4.600 guide lead. \$145.50 ea.

M610J Kit version of the M610I. \$95.48 ea.

C12 CHASSIS

NEW! M720C NarrowTek 3.850 long "Beuf Express" ultralight aluminum chassis kit with aluminum pillow blocks, motor brace and top body brace. 6 pins. Center weight 3.95 grams. \$172.62 ea.

M720B 2023 Nat's winner NarrowTek 3.850 long "Beuf Express" ultralight aluminum chassis kit with aluminum pillow blocks and motor brace. Center weight 4.10 grams. 2019 Nat's winner. \$162.62 ea.

M720A 3.850 long "Beuf Express" ultralight aluminum chassis kit with aluminum pillow blocks and motor brace. \$154.00 ea.

M531S Assembled 4.150 long Ultralight "Beuf Express" C12/G27 chassis. \$164.97 ea.

M531T Kit 4.150 long Ultralight "Beuf Express" C12/G27 chassis. \$112.53 ea.

M414W Assembled 4.284 long "Beuf Express" for high speed tracks. Multiple Nat's winner and WR setter in G27 and C12. \$160.17 ea.

M414X Kit version of the M414W. \$112.53 ea.

.080 ALUMINUM G7/2MO/OMO CHASSIS

M736C 22 & 23 USRA Nat's winning 3.850 long "Beuf Express" .080 aluminum chassis kit with aluminum motor brace, aluminum pillow blocks and EDM aluminum body brace. \$199.00 ea.

M736D 2023 Nat's winner. 3.850 long "Beuf Express" .080 aluminum chassis kit with steel motor brace, aluminum pillow blocks and EDM aluminum body brace. \$199.00 ea.

M736E Narrow 3.850 long "Beuf Express" .080 aluminum chassis kit with aluminum motor brace, aluminum pillow blocks and EDM aluminum body brace. \$199.00 ea.

M736F Narrow 3.850 long "Beuf Express" .080 aluminum chassis kit with steel motor brace, aluminum pillow blocks and EDM aluminum body brace. \$199.00 ea.

.063 ALUMINUM G7/2MO/OMO CHASSIS

M531L 4.100 long "Beuf Express" aluminum chassis kit. 2016 World's OMO winner. \$112.53 ea.

M531Q 4.110 long, Beuf Express OMO chassis. Light-weight chassis for OMO racing on superfast highly banked tracks. Multiple Nat's winner. \$192.21 ea.

M531R 4.110 long. Kit version of the M531Q. \$134.90 ea.

M531V 4.110 long, Beuf Express wide motor box OMO chassis kit with aluminum pillow blocks and aluminum motor brace. \$154.90 ea.

M531U 4.110 long, Beuf Express wide motor box G7 chassis kit with steel motor brace and aluminum pillow blocks. \$144.90 ea.

M531O 4.150 long, Beuf Express Ultra Extra strong G7 chassis for superfast highly banked tracks. \$192.21 ea.

M531P 4.150 long. Kit version of the above, multiple Nat's winner winner. \$134.90 ea.

M531C 4.250 long, Beuf Express Ultra G7 chassis. Extra strong G7 chassis. Multiple Nat's winner, TQ and WR setter. \$192.21 ea.

M531D 4.250 long. Kit version of the M531C. \$134.90 ea.

M414U "Beuf Express Wide Rail Xtra" Extra strong chassis for flatter tracks. 4.409 long. \$186.62 ea.

M414V Kit version of the M414U. 4.409 long. \$130.97 ea.

DRAG CHASSIS

M433 Complete ultralight aluminum funny car drag chassis. Far stronger, more rigid, and consistently fast than other aluminum chassis. Includes wheelybar. \$122.99 ea.

M441 Aluminum funny car chassis in kit form including front tires and wheelybar tires. \$92.99 ea.

G15 CHASSIS

M747 The Nat's winning Q15 chassis with aluminum back end. 4.000 guide lead. \$154.00 ea.

M531J Kit version of the Beuf Express G15 Ultra short chassis with 4.250 guide lead. \$114.78 ea.

M531E Kit version of the Beuf Express G15 Wedge chassis. 2012 Nat's winner. \$114.78 ea.

ALUMINUM PILLOW BLOCKS

M397L Aluminum pillow block with body support. For .063 aluminum chassis with steel motor braces. \$19.98 pr.

M397K Aluminum pillow block. For .063 aluminum chassis with steel motor braces. \$17.90 pr.

M397J Aluminum pillow block with body support. For .063 aluminum chassis with aluminum motor braces. \$19.98 pr.

M711 Short aluminum pillow block with body support. For .063 aluminum chassis with aluminum motor braces. Reduces guide lead .050". \$19.98 pr.

M397M Aluminum pillow block with fork top. For .063 aluminum chassis with steel motor braces. \$24.98 pr.

STEEL PILLOW BLOCKS

M397H .075 Short G27L pillow blocks with tail. EDM spring steel .035" for .050" thick chassis. \$11.42 pr.

M707 Steel G27L pillow block with body support. .050 short, one piece. \$5.98 ea.

M397B EDM spring steel .035" thick pillow blocks with extended tail and top brace pocket. Fits .063 thick chassis. \$11.42 pr.

M397E Replacement Box Stock/G27L steel pillow blocks standard length. \$11.42 pr.

M397I Short steel pillow blocks with tail for aluminum chassis. Reduces guide lead .050". \$11.42 pr.

M397G Replacement steel Box Stock/G27L pillow block short length. Reduces guide lead .075". \$11.42 pr.

GEAR GUARD STEEL PILLOW BLOCKS

M397C Gear guard EDM spring steel .035" thick pillow blocks with extended tail and top brace pocket. Fits Aluminum chassis (.063). \$6.98 ea.

M397D Replacement Box Stock/G27L Gear guard pillow block standard length. \$6.98 ea.

M397F Replacement Box Stock/G27L Gear guard pillow block short length. Reduces guide lead .075". \$6.98 ea.

STEEL MOTOR BRACES

NEW! M758 Steel motor box brace for M720C, M531X. \$9.33 ea.

M305 Steel narrow motor box brace for G7/27. \$9.33 ea.

M710 Steel G27L narrow motor box brace for M709A chassis. \$9.99 ea.

M706 Steel motor box brace for M531U, M531Z. \$10.95 ea.

NEW! M759 Steel wide motor brace for 27L. fits M709B, M610Y. \$10.95 ea.

ALUMINUM MOTOR BRACES

M725 Aluminum wide motor box brace for M736D, . \$15.95 ea.

TOP BRACES

M390 Top brace for narrow motor box. \$5.23 ea.

M390B Top brace for wide motor box. \$5.23 ea.

NEW! M390C Top brace for M530V. \$5.23 ea.

OTHER CHASSIS COMPONENTS

M753 Machined, ready to use, non rusting front wheel mounts \$5.40 pr.

M520 Gp12 bottom weight for Beuf Express chassis \$6.98 ea.

M536 Machined brass retainers with flange (eyelets) for .050 or .063 tubing 24 pieces in an easy open box. Used on front mounts to raise the front pins. \$16 ea.

M324 Lead wire retainer. Prevents lead wire from dragging on track, solders to middle rail. \$.49 ea.(6 per cd.)

M259 Precut spring temper stainless steel pin tubing, fits full width of car. \$1.25 ea.(6 per cd.)

M453 Precut brass pin tubes. Use for solid mount EDM chassis for the front mount or use for GTP/NASCAR chassis for pin tubes. 24 pieces in easy open box \$.35 ea.

WING CAR 3/32 AXLE TIRES

We have developed our own method of treating rubber which results in a denser, more durable tire, as well as one which removes all residual stresses preventing the warpage and out of round seen in other tires due to residual stresses. Koford tires unlike other tires are round and have a good surface finish out of the tube so that they can be run without truing and with little break in. We have worked to improve the process used to bond the rubber to the hub for the best possible durability. Koford tires are the winner of countless World and National championships in every class. Go with the best! From the most bite to the least bite (harder) the rubber grades are F, TF, SSW, SW, WH, WX, WX+, WXX, WXXX. Also as the rim diameter is increased the bite is decreased.

"SPEC" TIRES

.680 HUB "SPEC" WING CAR TIRES

M472-680S .680 diameter, drilled only, magnesium hub tires. Low cost tires for "spec" tire racing. Available in WX+, WXX rubber. \$20.00 pr.

.650 HUB "SPEC" WING CAR TIRES

M472-650S .650 diameter, drilled only, magnesium hub tires. Low cost tires for "spec" tire racing. Available in WH, WX, WX+, WXX, WXXX rubber. \$20.00 pr.

.615 HUB "SPEC" WING CAR TIRES

M472-615 .615 diameter, drilled only, magnesium hub tires. Low cost tires for "spec" tire racing. Available in WH, WX, WX+, WXX, WXXX rubber. \$17.00 pr.

.650 HUB WAFFLED WING CAR TIRES

M472-650 Nat's winning, ultralight and strong .650 diameter magnesium hub tires for group or OMO racing. Drilled, and waffled (38 holes). World record holder! Available in WX+, WXX, WXXX rubber. \$23.98 pr

.670 HUB WAFFLED WING CAR TIRES

M472-670 Nat's winning, ultralight and strong .670 diameter magnesium hub tires for group racing. Drilled, and waffled (38 holes). Available in WX+, WXX, WXXX rubber. \$23.98 pr.

.600 HUB WING CAR QUALIFYING TIRES

NEW! M472Q Full width Wonder Rubber, full hub G7 and G27 .760 qualifiers. Ultralight drilled, waffled (38 holes) and milled. WH, WX rubber. \$20.89 pr.

.500 HUB WING CAR TIRES

M472B Drilled (24 holes), and waffled hubs. .760 x 3/32. Available in WH, WX, WX+, WXX, WXXX, SW rubber. \$17.50 pr.

PLAIN HUB WING CAR TIRES

M472P Plain hub .500 dia. magnesium rims .760 x 3/32. Rim width rubber. Available in WH, WX, WX+, WXX, WXXX. \$14.56 pr.

M229-760SW Soft Wonder on .472 diameter magnesium rims. Full width rubber on rim width hub. \$13.50 pr.

M229-760WH Hard Wonder on .472 diameter magnesium rims. Full width rubber on rim width hub. \$13.50 pr.

M229-760WX Extra hard Wonder on .472 diameter magnesium rims. Rim width rubber on rim width hub. \$13.50 pr.

3/32 AXLE RETRO AND SCALE FULL WIDTH RUBBER AND FULL WIDTH HUB WONDER RUBBER TIRES

M640-812SW Full .480 diameter magnesium hub with Soft Wonder rubber tires 13/16 x 3/32. These tires are softer than the Wonder rubber tires offered by other manufactures. Ideal when the track is too loose for regular Wonder but Fish is too slow. \$14.50 pr.

M640-812SSW Full .480 diameter magnesium hub with Super Soft Wonder rubber tires 13/16 x 3/32. These tires are softer than our Soft Wonder tires and also the Wonder rubber tires offered by other manufactures. Ideal when the track is too loose for Soft Wonder but Fish is too slow. \$13.50 pr.

M640-812W Full .480 diameter magnesium hub with Wonder rubber tires 13/16 x 3/32. \$14.50 pr.

3/32 AXLE RETRO AND SCALE FULL WIDTH RUBBER AND RIM WIDTH HUB WONDER RUBBER TIRES

M671-13/16SSW 13/16 x 3/32 tires with full width Super Soft Wonder rubber and rim width .500 diameter magnesium hubs. For banked tracks. \$13.00 pr.

M671-13/16SW 13/16 x 3/32 tires with full width Soft Wonder rubber and rim width .500 diameter magnesium hubs. For banked tracks. \$14.00 pr.

3/32 AXLE RETRO AND SCALE RIM WIDTH RUBBER AND RIM WIDTH HUB WONDER RUBBER TIRES

M656-13/16SSW 13/16 x 3/32 tires with rim width Super Soft Wonder rubber and rim width .500 diameter magnesium hubs. For banked tracks. \$13.00 pr.

M656-13/16SW 13/16 x 3/32 tires with rim width Soft Wonder rubber and rim width .500 diameter magnesium hubs. For banked tracks. \$14.00 pr.

M656-13/16WH 13/16 x 3/32 tires with rim width Wonder rubber and rim width .500 diameter magnesium hubs. For stuck banked tracks. \$14.00 pr.

M656-13/16WX 13/16 x 3/32 tires with rim width hard Wonder rubber and rim width .500 diameter magnesium hubs. For stuck banked tracks. \$15.00 pr.

3/32 AXLE RETRO AND SCALE WONDER RUBBER TIRES FULL WIDTH RUBBER AND RIM WIDTH HUB

M229-812SSW .472 diameter magnesium hub with Super Soft Wonder rubber tires 13/16 x 3/32. Ideal when the track is too loose for standard Wonder, but Fish is too slow. \$13.00 pr.

M229-812SW .472 diameter magnesium hub with Soft Wonder rubber tires 13/16 x 3/32. Ideal when a hardness between standard Wonder and Super Soft Wonder is needed. \$13.00 pr.

3/32 AXLE FISH RUBBER TIRES FULL WIDTH RUBBER AND HUB

Fish tires are suitable for most traction conditions with scale cars, treated fish are a little harder, last longer and frees up the car when rubber builds up on the track. Larger diameter hubs are looser and smaller diameter hubs are more hooked up.

M640-812TF Full .480 diameter magnesium hub with Treated Fish rubber Retro and Scale tires 13/16 x 3/32. \$13.50 pr.

M640-760TF Full .480 diameter magnesium hub with Treated Fish rubber tires .760 x 3/32. \$13.50 pr.

M662-760F Full .400 diameter magnesium hub with fish rubber .760 x 3/32. \$13.50 pr.

3/32 AXLE FISH RUBBER TIRES FULL WIDTH RUBBER AND RIM WIDTH HUB

M229-760-3-TF .472 diameter magnesium hub treated fish tires. Slightly firmer with longer life than regular Fish tires. .760 x 3/32. \$11.99 pr.

M229-790-3-TF .472 diameter magnesium hub treated fish tires. Slightly firmer with longer life than regular Fish tires. .760 x 3/32. \$11.99 pr.

3/32 AXLE FISH RUBBER TIRES RIM WIDTH RUBBER AND RIM WIDTH HUB

M551-790F .790 x 3/32 rim width Fish rubber mounted on .432 OD plain hub. Ideal when less bite than full hub tires provide is needed. Good for lower horsepower classes. Economical. \$9.36 pr.

TIRES FOR 1/8 AXLES FULL WIDTH RUBBER AND RIM WIDTH HUB

M229-790-8-TF .790 X 1/8 treated (firmer) fish on .500 magnesium hubs. \$11.99 pr.

M229-850-8-TF .850 x 1/8 treated "Fish" rubber on .500 diameter magnesium hubs. \$11.99 pr.

M229-13/16-8-TF 13/16 x 1/8 treated "Fish" rubber on .500 diameter magnesium hubs. Treated tires are ideal for stickier track conditions where they provide longer tire life and better straightaway speed. \$11.99 pr.

1/8 AXLE SCR TIRES FULL WIDTH RUBBER AND RIM WIDTH HUB

M229-7/8SW 7/8 x 1/8 Soft Wonder rubber on .500 diameter magnesium hubs. Faster than fish rubber. \$13.50 pr.

M229-7/8SSW 7/8 x 1/8 Super Soft Wonder rubber on .500 diameter magnesium hubs. Where more traction is needed then with SW rubber. \$12.99 pr.

M229-812-8SW 13/16 x 1/8 Soft Wonder rubber on .500 diameter magnesium hubs. Faster than fish rubber. \$13.50 pr.

FISH RUBBER DONUTS

M678 Fish rubber donuts, .360ID x .950 OD. \$5.41 pr.

SET SCREWS

M621 Gold billet machined set screws. \$.34 ea. (bag of 12)

FRONT TIRES

M234I Ultralight flat profile. \$1.98 pr.(6 per cd.)

M234H Molded rubber wheel \$1.98 pr.(6 per cd.)

DRAG TIRES (WHEELIE BAR)

M655 Light weight magnesium 3/8 wheelie bar wheels with hole for .047 axle for reduced drag. Boss design for reduced wobble. wheelie bar wheels. \$3.49 pr.(6pr. per cd.)

TIRE TRACTION

M319 Heavy tire traction. The choice of the Pro's. \$5.00 ea.(box of 12)

M320 Medium tire traction. Ideal for G15 C12 and lower class cars which require a medium glue. \$5.00 ea.(box of 12)

M384 Light tire traction. \$5.00 ea.(box of 12)

M452 Drag Glue. Blow away the competition! The standard of excellence for drag racing! \$5.50 ea. (box of 12).

3/32" DIAMETER SOLID AXLES

M623F Premium 3/32 axles with precision ground gear and wheel flats. Flats keep your wheels on, and compensate for the weight of the set screw for perfect balance with Koford tires and gears. Because the flats do not extend to the end of the axle, your tire will stay on even if the set screw loosens. Machined to the exact length required and rounded, no trimming required, ultra precision fit in bearings to eliminate chatter, the ultimate in straightness. New ultrahigh strength alloy has twice the strength of drill blank axles. \$6.65 ea.

M156F Same as above but rust resistant. \$7.17 ea

M744 Narrow 3/32" axle with flats. \$12.70 ea.

M762 3/32 premium axles without flats, same as M156F but without flats for those who wish to grind their own flats. \$3.69 ea. (6 per cd.)

NEW! M761 bulk pack of non rusting 3/32" axles (same as M156F but without the flats) 100 pc. \$345.00 ea.

M623S Same as M623R but a single piece. \$3.55 ea.

2MM DIAMETER AXLES

M639 2mm ultraprecision premium axles for Eurosport made using ultrahigh strength steel. \$2.79 ea.

NEW! M757 Bulk pack of 100 2mm axles. \$275.00 cd.

M743 EDM drilled, 2mm .040 hole qualifying/race axle.

premium axles for Eurosport made using ultrahigh strength steel. \$16.98 ea.

1.5 MM DIAMETER AXLES

M760 1.5mm x 1.58" ultraprecision axles for Eurosport made using ultrahigh strength steel. \$2.98 ea.

1/8" DIAMETER SOLID AXLES

M418 1/8 x 2.625 long axles with the famous Koford precision fit. \$1.98 ea. (6 per cd.)

3/32" DIAMETER LIGHTWEIGHT AXLES

NEW! M754 E24 2.165" (55mm) long EDM drilled and wire cut .060 hole hollow axle with no flats. Light and strong. \$27.88 ea.

M697F EDM drilled and wire cut flatted .060 hole hollow qualifying/race axle. Lighter and 50% stronger than M445F. \$26.28 ea.

M697N 1/8" shorter EDM drilled and wire cut flatted .060 hole hollow race axle for NarrowTek chassis. \$32.78 ea.

M751 1/8" shorter Tri flat light weight G7 race axle for narrow cars. \$30.29 ea.

M730 Tri flat light weight G7 race axle. \$24.29 ea.

M445F EDM drilled, 3/32 flatted .040 hole qualifying/race axle. Axles have individual flats sized for perfect dynamic balance. \$20.98 ea.

M339 Premium Qualifying 3/32 .066 hole hollow axle made from tubing. For those who wish to grind their own flats. \$3.98 ea.

M340 Same as M339 but with EDM'd flats. \$8.98 ea.

AXLE SPACERS

M733 .060 long machined aluminum spacer for 3/32 axles. 6 per bag. \$2.41 pk.(6 per cd.)

M625 .100 long machined aluminum spacer for 3/32 axles. 6 per bag. \$2.59 pk.(6 per cd.)

M734 .160 long machined aluminum spacer for 3/32 axles. 6 per bag. \$2.72 pk.(6 per cd.)

M704 .010 thick Plastic axle spacer for wide motor box cars with 3/32 axles. A snug fit on the axle so that it doesn't fall off. Easy open box of 24. \$.35 ea.

M749 .160 long machined aluminum spacer for 1/8 axles.

6 per bag. \$2.39 pk.(6 per cd.)

M670 .005" X 1/8" stainless axle spacers. 12 per bag. \$2.25 pk. (6 per card)

M624 .024" X 3/32" stainless axle spacers. 12 per bag. \$2.73 pk. (6 per card)

M296 .010 thick 3/32 Phos Bronze axle spacers. Very hard but will not stick to magnets. 12 per bag. \$2.40 pk.(6 per cd.)

M411 1/8 axle spacers with the famous precision Koford fit made from .010 Phos Bronze. 12 per bag. \$2.88 pk.(6 per cd.)

M449 Plastic axle spacer for narrow motor box cars with 3/32 axles. A snug fit on the axle so that it doesn't fall off. Easy open box of 24. \$.69 ea.

M477 .020 thick precision fit stainless spacers for 1/8" axles. 12 per pk. \$2.25 pk.(6 per cd.)

AXLE BEARINGS

M633 Shielded rear axle ball bearings. \$20.99 pr.

M217 German Ultra Premium shielded rear axle ball bearings, ribbon retainer and ultra precise internal geometry for smooth rotation and the lowest drag. Highest quality steel and ribbon retainer for long life. \$38.06 pr.

M235 Narrow width, open, ultralight, rear axle ball bearings. \$20.81 pr.

M301 German Ultra Premium narrow width, ultralight, open construction, rear axle ball bearings, ribbon retainer and ultra precise internal geometry for smooth rotation and the lowest drag. Highest quality steel and ribbon retainer for long life. \$36.67 pr.

M546 3/32" axle oilites. \$1.35 pr. (6 pr. per card)

M745 Bulk pack of 500 pr. oilites. \$575.00 ea.

POWER SUPPLIES & GRINDERS

M325J Digital switching power supply for cool operation suitable for all motors including G7 and drag motors along with lathes and tire grinders. Digital read out and fan. It is a compact 4" wide x 5-1/2" deep (not including cord), and is 3" tall. It weights only 2 lb 14 oz. The new standard for slot power supplies! \$377.47 ea.

M325K 220 volt, 50 hz. Euro plug version of the M325J. \$377.47 ea.

M413 Grinder/drill runs off of power supply. Unit is small and compact. \$51.54 ea.

M611 .209 dia. x .289 long diamond wheel to fit grinders. \$36.18 ea.

M612 .088 dia. x .211 long diamond wheel to fit grinders. \$16.61

M576 Diamond grinding wheel for M574/M575 grinder. This wheel is solid metal bonded diamond not plated. It will cut any material including Cobalt and Ceramic magnets and last for years. Will not break like aluminum oxide discs. \$95.58 ea.

M587 Rubber polishing wheel for M574/M575 grinder. Perfect for cleaning the inside of cans before gluing magnets. \$13.85 ea.

TOOLS

M569 Tech check tool for wing cars. EDM'd from high grade aluminum and black anodized. \$15.98 ea.

M674 ISRA tech tool. EDM'd from high grade aluminum and black anodized. \$9.98 ea.

M360 Tall motor change block with cut outs for rear tires. Designed to allow the body to flip over to allow motor changes without removing the front body pins. \$17.24 ea.

M424 Flux brush. At last a flux brush which is the correct size for slot car racing and will hold up to the attack of acid flux. \$.89 ea.

M162 Precision gear and wheel wrench with reduced diameter for clearance with plastic gears. \$11.05 ea.

M163 Improved reduced diameter tips for the above wrench, also fits all standard handles. \$.5.25 ea.

M634 Coil spring for aligning axle bearings \$.98 ea.(6 per card)

M572 .003 Side play adjusting tool for 3/32 axles. Allows you to quickly get the perfect side play every time. \$1.98 ea.(6 per card)

M388 .005 Side play adjusting tool for 3/32 and 1/8 axle cars. \$1.98 ea.(6 per cd.)

BRAID AND BRAID JUICE

M717 Precut short braid with precision prebent clip. Short braid is faster then long braid and this braid is already precut to the right length! 12pr. box. \$.96 pr.

M718 Precut short braid with precision prebent clip. 100pr. \$.90 pr

M660 long braid with precision prebent clip. 12pr. box. \$1.16 pr.

M661 long braid with precision prebent clip. 100pr. \$.92 pr.

M386 Braid juice. Non flammable and nontoxic. More cooling and lubricity than the others. \$2.49 ea.(box of 12)

GUIDES AND GUIDE TAPE

M648 Guide with nut and two Teflon® washers. \$3.35ea.(6 per card)

M273 Precision threaded guide. \$2.09 ea.(6 per cd.)

M703 Guide tape. High temperature, low friction tape eliminates braid melting to guide. Apply under braid and on side of blade. Protects guide against wear. Just replace tape after each race instead of changing guide. Alternative to putting a screw in the guide when running on new tracks. \$34.36 ea.

GUIDE NUTS AND WASHERS

M615 Brass guide nut. Extra 1 gram nose weight without adding lead. \$.98 ea. (6 per card)

M302 Lightweight drilled, anodized aluminum guide nut. \$1.98 ea.(6 per cd.)

M322 .005 Teflon® guide washer. Use to reduce friction between guide and chassis. Where guide height adjustments are required, use M321. Packaged 6 per bag. \$2.88 pk.(6 per cd.)

M321 .010 thick Phosphorous Bronze guide washer. Use to adjust guide height Will not deflect like stacked Teflon® washers. Packaged 6 per bag. \$3.88 pk. (6 per card)

LEAD WIRE

M667 30 foot length of our World's and Nat's winning lightweight ultraflex lead wire. \$34.99 ea.

M430 Lightweight ultraflex 413 strand 18 guage lead wire with superthin wall insulation. Reduced insulation wall thickness results a 14% weight savings over competitors lead wire. Worlds and Nat's winner. With clips. \$1.69 set (6 per cd.)

M431 Three foot length of our 413 strand light weight ultraflex lead wire. \$3.68 ea.(6 per cd.)

M383 Ultralight qualifying lead wire made from 21 guage ML magnet wire. \$1.49 ea.(6 per cd.)

LANE STICKERS & PINS

M557 Big bright sticky lane stickers. Won't fall off. 6 sheets of 8 colors per card. \$2.75 card.

M376 Big head pro body pins. Standard length. Custom made to our design just for us, the best on the market. 48 pins per package. \$3.59 pk.(6 per cd.)

M545 Short length big head pro body pins. No trimming required! Won't stick past the end of the body mount tube and hang up lead wire or stick marshalls. Lighter weight than long pins. Custom made to our design just for us, the best on the market. 48 pins per package. \$2.59 pk.(6 per cd.)

KOFORDWEAR

M204 Koford Engineering T shirt , specify S, M, L, or XL. \$19.30 ea., XXL \$21.76 ea., XXXL \$26.52 ea.

M362 Koford Engineering hat. \$10.00 ea.

M363 Koford Engineering apron. \$16.00 ea.

OIL

M327 Premium BB oil. Ultra high temp. synthetic oil with special antiwear and corrosion inhibitor additives. Oil formulation is selected to have the least detrimental effect if excess gets on brushes. Treat your bearings to the best. \$7.90 ea.

M750 Mobile 1 Racing Oil. Hi performance for ball bearings or oilites. \$7.90 ea.

CROWN GEARS 48 PITCH 3/32

M671-26 Narrowed and lightened precision low wobble 26 tooth x 3/32 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

M671-27 Narrowed and lightened precision low wobble 27 tooth x 3/32 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

M671-28 Narrowed and lightened precision low wobble 28 tooth x 3/32 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

M671-30 Precision low wobble 30 tooth x 3/32 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

CROWN GEARS 48 PITCH 1/8

M669-26 precision low wobble 26 tooth x 1/8 crown gears. Lightweight magnesium hub with precision bored axle

hole. \$7.47 ea. (6 per cd.)

M669-27 precision low wobble 27 tooth x 1/8 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

M669-28 precision low wobble 28 tooth x 1/8 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

NEW! M669-30 precision low wobble 30 tooth x 1/8 crown gears. Lightweight magnesium hub with precision bored axle hole. \$7.47 ea. (6 per cd.)

PINIONS 48 PITCH

M450-8 Eight tooth hardened and plated steel pinions. \$2.80 ea. (6 per cd.)

M450-9 Nine tooth hardened and plated steel pinions. \$2.80 ea. (6 per cd.)

72 PITCH SPURS (STRAIGHT)

NEW! M541-42 Red Dot ultraprecision 42 tooth gears with magnesium hub. High accuracy. Our superstrength plastic material provides greater crash resistance and reduced wear compared to any competing product. \$10.95 ea.

M541-44S Red Dot ultraprecision 44 tooth gears with magnesium hub. High accuracy. Our superstrength plastic material provides greater crash resistance and reduced wear compared to any competing product. \$10.95 ea.

M541-43 Red Dot ultraprecision 43 tooth gears with magnesium hub. High accuracy. Our superstrength plastic material provides greater crash resistance and reduced wear compared to any competing product. \$10.95 ea.

M663-44 Drilled Red Dot 44 tooth gears. \$11.98 ea.

M663-43 Drilled Red Dot 43 tooth gears. \$11.98 ea.

M663-42 Drilled Red Dot 42 tooth gears. \$11.98 ea.

M358 Drilled gears. Available in 43T, 44T straight, and 44T 5 degree angled. \$7.50 ea.

M560 72 Pitch, straight polymer spur Stronger material than plastic gears from other manufactures. Wider face width further increases strength and improves motor angle. Magnesium gear hub. 43 and 44 tooth. \$6.50 ea.

72 PITCH SPURS (ANGLED)

M541-44A Red Dot ultraprecision 44 tooth 16° angled gears with magnesium hub for Scale, G15 or G12 racing. For best results use with M657 pinion. \$11.95 ea.

M561-44 72 Pitch, 5 degree, 44 tooth angled polymer spur. World record lap holder G15, winner Midwest Nat's. Stronger material than plastic gears from other manufacturers. Wider face width further increases strength and improves motor angle. Magnesium gear hub. \$6.50 ea.

64 PITCH SPURS

M663 Drilled Red Dot 39 tooth gears. Available in **NEW!** 37T, 38T, 39T \$11.98 ea.

M541 Nat's winner! Red Dot ultraprecision 39 tooth gears with magnesium hub. The best accuracy, crash resistance, and double the wear life of other gears. For G7, G27, C12, Gp12 & G15 (Gp12 and G15 with angled pinion). Available in 37T, 38T, 39T \$10.95 ea.

M219 Light polymer alloy gears with hollow set screws for 3/32 axles. 37T, 38T, 39T \$4.18 ea.

M358 Drilled qualifying gears. Available in 37T, 38T, and 39T. \$5.23 ea.

72 PITCH PINIONS (STRAIGHT)

M657 Black Diamond coated hardened 10 tooth straight pinion. Coating reduces friction and prevents solder flowing into teeth. \$7.75 ea.

M626-11S Black Diamond coated hardened 11 tooth straight pinion with boss. Coating reduces friction and prevents solder flowing into teeth. \$7.75 ea.

72 PITCH PINIONS (ANGLED)

M722-11 Black Diamond coated hardened 11 tooth 5 degree angled pinion with boss. \$7.75 ea.

M723-11 Black Diamond coated hardened 11 tooth 3 degree angled pinion with boss. \$7.75 ea.

M556-11 hardened 11 tooth 5 degree angled pinion with boss to reduce solder flowing into teeth. Designed for use against plastic spurs. \$5.95 ea. (6 per card)

M553 hardened 11 tooth 3 degree angled pinion with boss to reduce solder flowing into teeth. Designed for use against plastic spurs. \$5.95 ea. (6 per card)

M677 Pinned 9T 3° angled Black Diamond coated pinions for G7 racing. Coating reduces friction and prevents solder from flowing into teeth. Use with M636 pinion wire. \$11.27 ea.

64 PITCH PINIONS (STRAIGHT)

M515 Multiple Nat's winner. Pinned 8T Black Diamond coated pinions for G7 racing. Coating reduces friction and prevents solder from flowing into teeth. Use with M636 pinion wire. \$11.27 ea.

M636 Spring temper pinion wire for pinned pinions. \$1.98 ea.

M599-8 8 tooth 64 pitch stainless pinion with boss to help keep solder out of teeth. \$3.95 ea. (6 per card)

M599-9 9 tooth 64 pitch stainless pinion with boss to help keep solder out of teeth. \$3.95 ea. (6 per card)

M542 8 T Black Diamond coated pinion with boss for greater solder surface area for use with G7. Coating reduces friction and prevents solder from flowing into teeth. Use against plastic spurs only. \$9.10 ea.

M427 Selected M354 Black Diamond coated pinions. 9 or 10 teeth. Roll tested for lowest total composite error resulting in the least possible power loss and vibration. \$8.10 ea.

M354 Black Diamond coated precision hardened pinions. Hi Tech coating on teeth provides low friction and wear. Forget about the hassle of getting solder in the teeth. Solder will not stick to the coating and the coating will not rust. Bores are plated for better solderability. 9,10 & 12 tooth. \$5.41 ea.

M323 Precision hardened pinions, available in 9,10,11,12,13, and 14 tooth. Features exceptional concentricity providing smoother, more efficient mesh compared to other pinions. Use against plastic spurs only. \$4.00 ea.(6 per cd.)

M407 Ultra hard steel 64 pitch Red Diamond pinions for use with metal gears. Can also be used with plastic gears. Plated for solderability and coated so that solder will not flow into teeth when soldering. Available in 8, 9, &10 tooth sizes. \$9.98 ea.

64 PITCH PINIONS ANGLED

M516 Pinned 8T 3° angled Black Diamond coated pinions for G7 racing. Coating reduces friction and prevents solder from flowing into teeth. Use with M636 pinion wire. \$11.27 ea.

M627-10 7° angled hardened 10 tooth pinion with boss to reduce solder flowing into teeth. \$5.80 ea. (6 per card)

M631-9 9° angled 9 tooth Black Diamond coated hardened pinion with boss. Coating reduces friction and prevents solder from flowing into teeth. Designed for use against plastic spurs. \$7.63 ea.

M543 8 T, 3° angled Black Diamond coated pinion with boss for greater solder surface area for use with G7. Coating reduces friction and prevents solder from flowing into teeth. Angled pinion improves crash resistance by spreading impact force across the width of the spur. Use against plastic spurs only. \$8.98 ea.

M544 8 tooth 9° angled Black Diamond coated pinion for use with C can motors and G15. Coating reduces friction and prevents solder from flowing into teeth. \$5.29 ea.

M491-8A Black Diamond 3° Angled 8 tooth pinion. Coating reduces friction and prevents solder from flowing into teeth. \$5.29 ea.

M492-8A Select Black Diamond 3° angled 8 tooth pinion. Coating reduces friction and prevents solder from flowing into teeth. Roll tested for lowest total composite error resulting in the least possible power loss and vibration. \$7.98 ea.

BODIES & DRIVERS

005 clear bodies

M214N-5 Winner 27L Hillbilly How! Narrow Tek (G27L, C12) 1/8" narrow with dimpled design with additional ribbing for stiffness. Fits Narrow Tek 27L chassis. \$6.98 ea.

M214L-5 New Peugeot (G7, TMO, G27L) Winner TMO at SlotcarsRus 4th of July race! Based on the famed Peugeot design but with additional ribbing to prevent collapse with .005 material. \$6.98 ea.

M214M-5 Aerotek (G27L, C12) Dimpled design with additional ribbing for stiffness. Winner at SlotcarsRus Hillbilly Howl in G27L and TMO, TQ in TMO and G7. \$6.98 ea.

M214J-5 Tesla (H12, OMB) Low drag design for C can motor cars. \$6.00 ea.

M214I-5 Peugeot (G27L, G27, OMO) \$6.00 ea.

M214K-5 Tesla with rib (G27L body) \$5.09 ea.

007 clear bodies

M214I-7 Peugeot (G7, OMO body, Nat's winner, Nat's TQ, world record holder) \$6.00 ea.

Additional items

M552 Stick on drivers \$1.89 ea. (8 per cd.)

M166-2 RTR wing body as used on our RTR FK, Hawk, 12 and 20 cars. \$25.15 ea.

M166-5 RTR .005 Aerotek wing body with 5 x 5 air kit. Suitable for G27, C12, Hawk 12, OMB, Group F, cars with for 4.000 to 4.250 guide lead. \$36.64 ea.

AIRCONTROL & TAPE

M719 Koford yellow spoiler sticker. Pack of 6. \$3.00 pk.

M203T5 Lastest Pro design air kit with true .005 sidedams and .005 spoiler. For shorter cars. \$2.98 set(6 per cd.).

M203T7 Same as M203T5 but with .007 spoiler. \$2.98 set(6 per cd.).

M423-5 .005 spoiler \$.50 ea. (6 per cd.)

M423-7 .007 spoiler \$.50 ea. (6 per cd.)

M432 Superstrong double stick tape as used by Team Koford racers. Ultra light and strong. Enough material for years of racing. \$92.47 ea.

M455 Light weight strapping tape. 41% lighter than regular strapping tape. \$12.80 ea.

M464 Highest strength glass strapping tape for body pin reinforcement. \$42.39 ea.

M740 Diaplane. \$.75 ea. (6 per card)

M741 Air kit for longer cars with .004 sidedams and .005 spoiler. \$2.98 ea. (6 per card)

ELECTRONIC CONTROLLERS

M641 25 band electronic controller with self resetting circuit breakers on transistor and 5 ohm variabake. Features sensitivity and brake adjustment, along with floating wiper button for smooth action. Primarily for scale racing but will handle any motor. For standard hook up tracks (White=12v, Red=ground) only. New high impact handle. \$208.56 ea.

M642 Same as above but with full power relay for maximum power. \$237.06 ea.

RESISTOR CONTROLLERS

M673D Drag controller with extra high impact handle. Copper switch block and unbreakable wire type external resistor will handle the power of any car. Smooth action

and long life. Heavy wires and all soldered connections for low resistance. Floating wiper button. \$67.44 ea.

M673 External wire resistor controller with extra high impact handle for Hawk, D and C can motors. Durable with smooth trigger action and long life. External resistor keeps heat away from the hand. Heavy wires and all soldered connections for low resistance. Floating wiper button. 2,3,4, and 5 ohm. Works on any polarity track. \$76.45 ea.

M570 Same as M673D but with full power relay and extra heavy 10 AWG wires to chips for maximum power. Extra high impact handle. \$115.40 ea.

M562 External wire resistor controller with circuit breaker protected variabrace and extra high impact handle for D and C can motor. Durable with smooth trigger action. External resistor keeps heat away from the hand. Heavy wires and all soldered connections for low resistance. Floating wiper button. 2, 3 & 4 ohm. \$119.07 ea.

M563 External 100 watt aluminum tube resistor controller with economy variabrace and self resetting circuit breaker. Extra high impact Koford handle. Heavy wires and all soldered connections for low resistance. Floating wiper button. Suitable for any class of car up to G27. 3 ohm \$173.70 ea.

CONTROLLER PARTS

M484 Controller relay. Reduces full on resistance for more power. Suitable for all classes including G7. \$12.95 ea.

M258 10 gauge controller wire. Perfect for using with relay to reduce resistance. Clear silicone insulation. \$8.98 ea.

M672 Controller handle from extra high impact material. \$15.99 set.

M271 Aluminum body Pro Variabrace with full off position and knob. Unit is full 3 ohm for superior control compared to 2 ohm units. The range between 2 ohms and 3 ohms is the most used range! Full off positions means variabrace can be turned all of the way off without unclipping brake wire. The full off position is essential for wing car racing. Aluminum body means no more breakage. Simply the best variabrace on the market! Must be used with M567 circuit breaker. \$34.11 ea.

M588 5Ω Econo variabrace with knob \$17.23 ea.

M567 Compact variabrace circuit breaker for all current Koford controllers and also M271 Pro variabrace. protects variabrace or brake wire on controller from incorrect

hookup. Automatically resets when hookup is correct. \$2.49 ea.

M585 Transistor for M580/M581/M582/M583/M641/M642 controllers \$16.50 ea.

M643 Self resetting circuit breaker for controller transistors \$2.98 ea.

M463A Variabrace knob with set screw. Aluminum finish. \$1.49 ea.

M463B Variabrace knob with set screw. Black anodized finish with white indicator mark. \$2.49 ea.

M463C Control knob with set screw. Aluminum finish. Fits 1/4" shaft used for sensitivity switches, etc. \$1.49 ea.

M463D Control knob with set screw. Black anodized finish with white indicator mark. Fits 1/4" shaft used for sensitivity switches, etc. \$2.49 ea.

M272 100 watt unbreakable aluminum core external resistor. -1 One ohm, -2 Two ohm. \$27.99 ea.

M176 Solid copper alligator clips (3). \$2.49 set(6 sets per cd.)

M748 Boots for clips, one each red, black, white. \$2.49 set (6 sets per card)

M368 Replacement resistor for M558/M673/M366/M367/M562/M570 controllers. Available in 1 (drag only), 2, 3, 4, & 5 ohm \$21.09 ea.

M368-VB Replacement resistor for M562 controller. Available in 2 and 3 ohm. Variabrace and circuit breaker not included. \$22.59 ea.

M371 Trigger spring for all Koford controllers. \$.70 ea. (6 per cd.)

M370 Trigger for all Koford controllers. \$5.25 ea.

M738 Wiper button for all Koford controllers. \$.98 ea. 6 per card.

M465 Old large variabrace circuit breaker. Do not use with M271 or M588 variabraces. \$2.49 ea.

M675 Replacement controller fuse \$3.00 ea.

M373 Wiper arm for Koford controllers. \$.60 ea. (6 per cd.)

M372 Power and brake contact. \$4.98 set (2 pc. per card)

CHOKE

M332 Choke with rotary switch, 18 gauge high temp. silicone resistance wire, laser engraved machined aluminum housing. \$161.00 ea.

SOLDER

M618 High temperature silver solder. Melting point 598F. Ideal for soldering on pinions for G7 motors to prevent spinning. \$5.98 ea.

M333 Silver solder with flux core. 5% silver for 82% higher shear strength compared to regular silver solder. \$5.98 ea.

M444 Low temp silver solder for aluminum chassis and motor installation to chassis. \$5.98 ea.