

1 inch
square

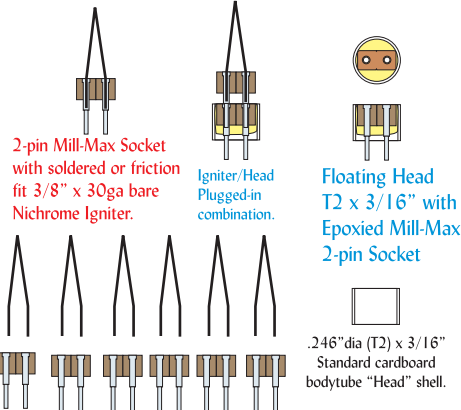
Micro Maxx Floating Head Piston

Designed & Drawn by John McCoy - NAR-15731 04-08-04 Dwg C1-1a
Modified 04-16-2009

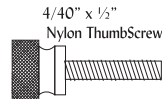
Drawing 1-of-2

Sand shaft mounted socket to fit inside Brass tube. Solder to 22/2 wire leads. Epoxy socket/wire combo into tube about half way. Use masking tape on outside end of the brass tube to form edge ring. After epoxy has dried sand & buff to smooth seamless perimeter.

- Mill-Max Socket w/ Soldered or Press fit 30ga Nichrome Igniter.
- Floating Head .246" dia. (T2).
- 7/32" OD Brass Tube support.
- 2 conductor speaker wire soldered to Mill-Max Socket (22/2).
- Floating Piston Body .281" (T2+) with Glued in T2 head stop.

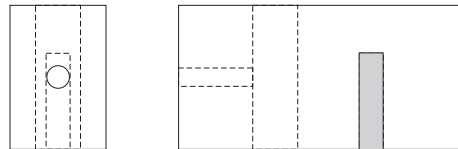


Allied Electronics Cat# 900-0265
20pin .100" Mill-Max Socket Strip
(Manufacturers No 310-93-120-41-001000)
Razor Saw into 10- 2pin Igniter Segments.



Brass Tube mounting
Hole= 15/64"(.2344")

ThumbScrew Tap size Hole= #43 (.0890")



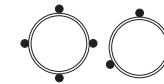
Clear Acrylic Mounting Base
3/4" x 1-1/2" x 1/2"



Tape in Place 3" x .040" Carbon Fiber anti-tip off Guide rods



Optional T2 +
.316"OD - .290"ID
x 1/2"Long Tape on
3" Guide rod base.



Add-on guides
Make 3 or 4
.040" x 3.0"
Carbon Fiber.
Styrene or
Bamboo.

Piston Tube & Stop Combination

(T2+) .281" x 7.0"long Piston Slide tube

1/8"dia x 1.0" long
Stainless Steel Mounting Pin

(T2) .246" x .1875"
Slide Tube Stop

14" RadioShack #278-1385 22/2 Speaker wire

McMaster-Carr #8859K23 Telescoping Brass Tubing 7/32"od .21875" x .1908" id x 12" long
Taper 1" to .1968 +/- to easily slip over .022"x .25" Head Stop.