

## Copper tubing for bullet jackets:

Diam. (inches)	Wall Thickness (inches)	Weight Per Foot (pounds)	Weight Per 4-Ft. (pounds)	Jackets Per 4-Ft (each)	Price Cut/inch (each)	Price Per 4-Ft (each)
.250 (1/4)	.035	.0916	.3664	10	.30	4.00
.313 (5/16)	.035	.118	.472	10	.37	4.50
.375 (3/8)	.035	.145	.580	10	.40	6.00
.500 (1/2)	.035	.198	.792	10	.45	8.00

Corbin's copper tubing is hard drawn straight lengths of precision wall thickness with close diameter control, made of C12200 specification copper alloy.

Corbin builds a micro-saw for cutting tubing, which features an adjustable stop and high speed cut off blade, for \$249. The saw takes only an eight inch by eight inch square space, and can also cut steel rod, screws, bolts and other round objects using an optional ferrous metal wheel.

Copper tubing is preferred for most hunting bullets, as it is ductile, sturdy, thicker walled than most drawn jackets, and expands well without fragmenting or cracking, unlike thinner target bullet materials. While tubing jackets can be quite accurate, they are usually not quite in the same class as bench bullets made using Corbin's VB™ drawn jackets. The Versatile Benchrest jackets from Corbin have been proven in benchrest competition to outshoot other drawn jackets, having a highly precise controlled wall thickness with very little runout.

For target shooting, the preferred jacket is drawn from strip, which can be made thinner and highly concentric. For big game hunting, it is hard to beat a ductile, pure copper jacket of appropriate thickness for the game, combined with a bonded core.

Tubing is turned into jackets using the Corbin CTJM-1 tubing jacket maker kit. This kit first rounds one end of tube, draws it to appropriate diameter over a precision mandrel, which can also make the mouth section thinner if desired (using a Corbin Hydro-press), and then flattens or makes a boattail base on the jacket using a special punch within your existing core seating die or BT-1 die. A ready-to-use jacket requires the use of your existing core seat or BT-1 die...if you plan to make jackets to sell, be sure to add this die to the CTJM-1 set, because the assumption is that if you get the CTJM-1, you already have a set of dies to make the bullets. This saves the cost of adding an unnecessary, additional CS-1 or BT-1 die to the CTJM-1 set. But if you do NOT have the appropriate caliber of swage set, and thus need the die to finish the jacket, be sure to order either the swage die set to finish the bullet, or the die to finish the jacket. Otherwise you can only round the end and draw the jacket to proper diameter, but cannot close the end or form a boattail on it.

Corbin also manufactures jacket drawing dies that turn copper strip into high quality drawn jackets. The jacket maker kits, known as JMK-1 (manual feed) or JMK-2 (power feed) work with the Corbin Hydro-Press and can make any caliber from .12 to 1 inch bore jackets. The power feed model automates the operation of producing the first cup, and eliminates two hand fed operations. It does not automate the further drawing and trimming steps, which are the same for the JMK-1 and JMK-2 sets, because of the large increase in cost for further automatic handling. Corbin JMK-1 sets are also available for certain calibers, lengths and wall thicknesses in a type that fits the Corbin hand presses. Generally these are pistol or shorter rifle calibers, under 1 inch long.