

**DAVE HOUT**

## Annealing of Common Metals

<u>Metals</u>	<u>Temperature</u>	<u>Thickness for Spinning</u>
Aluminum	650F – just chars a pine stick	18 – 22 gauge
Copper	1000F – dull red color	20 – 26 gauge
Brass	1000F – dull red color	20 – 26 gauge
Pewter	no annealing needed	14 – 20 gauge

### Material Sources:

For aluminum, copper & brass

Retco Alloy Company  
880 Estes Ave  
Elk Grove Village IL 60007  
312-593-7770 or 800-722-3307

For pewter

Lehigh Metal Corp  
Lehigh St  
Providence RI 02905  
401-941-7361 or 800-769-1995  
40 lb. minimum order

Master Metals Industries Inc  
RFD #3 – 9 Harback Rd  
Sutton MA 01590  
508-865-2887  
No minimum order; higher  
price per pound

Oster Pewter  
351 Harris Ave.  
Providence, RI 02909  
401-383-3490  
[www.osterpewter.com](http://www.osterpewter.com)  
Pewter Solder  
1-800-922-1006

# RESOURCES

Company

Item

Surplus Center  
 800-488-3407  
 402-474-5198 - fax  
 1015 W "O" Street  
 PO Box 82209  
 Lincoln, NE 68501-2209

*new or used  
 now have 120v*

Gast Vacuum Pump  
 1/4" Air Silencer

*79 \$*

*4 CFM @ 20" Hg*

*10-12" Hg. is all that is needed  
 5" Dia chuck ≈ 200# force holding*

Hold Fast  
 770-631-7897  
[www.stickfast.net](http://www.stickfast.net)

*No less than 3" Dia  
 chuck.*

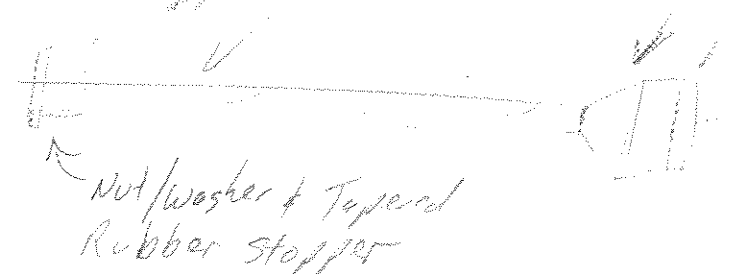
Vacuum Generator  
 Vacuum Chuck  
 Vacuum Adaptor  
 Closed Cell Neoprene Cord

Best Wood Tools Corp  
 931-788-0429  
 1544 Milo Webb Dr.  
 Crossville, TN 38572

Chuck Spur Center

*nylon  
 threaded  
 Lamp Rod*

*not wood  
 mbr.  
 alum.  
 sealed Bearings*



*chucks -  
 Down use m) = unless sealed w/ Glue or paint.  
 closed cell extruded Neoprene - from Crox & supply  
 Fake (imitation) Shamie works well as rim seal  
 for chucks  
 m autogove  
 4/6/7*