

STEPS FOR MAKING VETERANS KEY LANYARD FOB

BY OZARK WOODTURNERS 11/10/15

1. CUT WOOD BLANK TO SIZE: 1 INCH SQUARE X 2 1/4 INCHES LONG. ENDS SHOULD BE SQUARED OFF.
2. CENTER DRILL ONE END OF THE BLANK WITH A 23/64 INCH BIT 7/8 INCH DEEP. USE A CENTERING BUSHING. (SEE VETERANS COORDINATOR)
3. CENTER DRILL THE OTHER END WITH A 5/32 INCH BIT TO MEET THE 23/64 INCH HOLE. USE A CENTERING BUSHING. (SEE VETERANS COORDINATOR)
4. USING A BOTTLE STOPPER MANDREL WITH A 1/2 INCH DIAMETER BUSHING (SEE VETERANS COORDINATOR) AND A 60 DEGREE REVOLVING TAIL STOCK CENTER, MOUNT THE BLANK ON THE LATHE AND TURN TO ROUND. ADDITIONALLY, ROUND OVER THE HEAD STOCK END (DOWN TO THE BUSHING), AS THIS "ROUND OVER" MIGHT BE DIFFICULT FOR SOME VETERANS.
5. CUT 1/8 INCH PARACORD (HOBBY LOBBY) FOR LANYARD, TO EIGHT INCHES LONG.
6. USING AN END TREATMENT JIG, (SEE VETERANS COORDINATOR) WITH 3/8 INCH OF LANYARD EXPOSED AT CHAMFERED SIDE, HEAT THE END WITH A TORCH AND PULL THROUGH THE JIG WITH PLIERS WHILE STILL HOT. (HEAT TREAT BOTH ENDS.) TEST THE FIT WITH AN END CAP RING (RIOGRANDE.COM ITEM NR. 686970).
7. INSERT A TREATED END INTO AN END CAP RING AND CRIMP CENTER PART OF THIS END CAP WITH NEEDLE NOSE PLIERS. (AN END RING CAP IS AFFIXED TO ONLY ONE END OF THE LANYARD.)
8. AFFIX SPLIT RING KEY RING (HOBBY LOBBY ITEM NR. NR. 230003L (24 MM) TO END CAP RING.

VETERANS

9. VETERANS TURN THE FOB BLANK, TO THEIR OWN DESIGN, SAND AND FINISH, USING A BOTTLE STOPPER MANDREL WITH A 1/2 INCH DIAMETER BUSHING (PROVIDED) AND A 60 DEGREE REVOLVING TAIL STOCK CENTER.
10. THREAD THE LANYARD THROUGH THE 5/32 INCH HOLE (COMPLETELY THROUGH THE FOB), CUT THE LANYARD TO DESIRED LENGTH, HEAT THE END, TIE A KNOT, AND PULL THE KNOT INSIDE THE 23/64 INCH HOLE.
11. PUT KEYS ON THE SPLIT RING KEY RING.