

# Des Moines Woodturners State Fair Project Projects

Rev 2015/3/24

OD=Outside Diameter

ID=Inside Diameter

		RAW TURNING STOCK			
Item Description	Species Info	Square	Length between centers	Length chuck held	FINISH
Planting Dibble, Small (6-paks)	Any species of hardwood since this is an outdoor tool. White oak is especially durable.	Well centered 1 3/4" x 1 3/4" stock for 1 1/2" finished OD	8 1/4" to 9 1/2" Suggest 4" - 5" body, 2.5" - 3" handle. Inch markings burned in with wire.	9 1/2" to 10 1/2" Suggest 4" - 5" body, 2.5" - 3" handle. Inch markings burned in with wire.	Sand to 220 and heavily wax & buff.
Planting Dibble, Large (4-paks)	Any species of hardwood since this is an outdoor tool. White oak is especially durable.	Well centered 2" x 2" stock for 1 3/4" finished OD	8 1/4" to 9 1/2" Suggest 5" - 6" body, 2.5" - 3 1/2" handle. Inch markings burned in with wire.	9 1/2" to 11" Suggest 4" - 6" body, 3" - 4" handle. Inch markings burned in with wire.	Sand to 220 and heavily wax & buff.
Stirring Spurtle, Short for up to 5" Sauce Pans	Hard maple or tight grained species so food products don't get caught in open pores.	Well centered 7/8 to 1" square stock for max finished OD	9 1/2" - 10 1/2" stock for min 5 1/2" stirring rod length, balance for finger stop and handle.	10 1/4" to - 11 1/4" stock for min 5 1/2" stirring rod length, balance for finger stop and handle.	Watco oil soak and wet sand to 220 & buff
Stirring Spurtle, Long for tall pots	Hard maple or tight grained species so food products don't get caught in open pores.	Well centered 1" to 1 3/8" square stock for max finished OD	13" - 15" stock for 8 1/2" - 9 1/2" stirring rod length, balance for finger stop and handle.	13 3/4" - 15 3/4" stock for 8 1/2" - 9 1/2" stirring rod length, balance for finger stop and handle.	Watco oil soak and wet sand to 220 & buff
Spinning Top/Ornament	Light colored hardwoods are best to allow using brush tip markers on chatter work. <b>CAUTION - CHOKE HAZARD.</b> Observe <b>MINIMUM ID</b> indicated	Well centered 1 1/2" or larger square stock for <b>MINIMUM finished 1 3/8" OD.</b>	2 5/8" to 3 1/8" stock for 1 7/8" to 2 3/8" finished length top. Turning between centers requires hand drilling top hole to convert to ornament.	3 1/8" to 3 5/8" stock for 1 7/8" to 2 3/8" finished length top. Turning in chuck allows lathe drilling to convert to ornament.	If colored w/markers, no finish. Otherwise Mylands or clear finish.
Ball and Cup Game	Any light or dark hardwood. Poplar, Cherry, Maple and Walnut hollow well while dry oaks and ash are tough.	Well centered 2 1/2" x 2 1/2" square stock for 2 1/4" finished OD	Catch Cup 3 1/2" long stock hollowed 1 1/8" to 1 3/8", final cup 2 1/2" high. Handle stock 4 1/4" to 5 1/4" long for final finished length of 3.5" to 4.5".	Catch Cup 4 1/4" long stock hollowed 1 1/8" to 1 3/8", final cup 2 1/2" high. Handle stock 5" to 6" long for final 3.5" to 4.5" finished length.	Any clear wipe-on or spray finish. Wax & buff.
Weed Pot with or without turned flowers	Fine grained hardwoods look best for this small vase. Flowers best out of Basswood or Cottonwood.	Well centered 2" x 2" for finished 1 3/4" OD or smaller, OR:	4" long stock with final height of 3 3/16". 5/16" hole at top drilled 2 1/2" deep.	4 1/2" long stock with final height of 3 3/16". 5/16" hole at top drilled 2 1/2" deep.	Any clear wipe-on or spray finish. Wax & buff.  <b>CAUTION CHOKE HAZARD</b>
		Any size stock 1 1/2" to 2" can be used. <b>MIN OD 1 3/8"</b>	Adjust height to scale. Drill 1/4" hole three fourths the height of the weed pot. <b>MIN finished OD 1 3/8"</b>	Adjust height to scale. Drill 1/4" hole three fourths the height of the weed pot. <b>MIN finished OD 1 3/8"</b>	
			<b>NOTE: All finishes are food safe if fully cured. Fully cured finishes have no odor. Using danish oils</b>	<b>or oils with driers require long cure times, often in excess of 30 days in a warm, dry environment.</b>	