

Des Moines Woodturners State Fair Projects

Rev 5/1/2018

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. CAUTION - CHOKE HAZARD. Observe MINIMUM ID indicated	Well centered 1 1/2" or larger square stock for MINIMUM finished 1 3/8" OD.	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.
			NOTE: All finishes are food safe if fully cured. Fully cured finishes have no odor. Using danish oils	or oils with driers require long cure times, often in excess of 30 days in a warm, dry environment.	