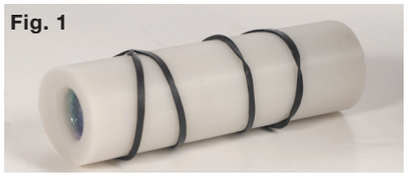
CastaHandle™ Casting and Assembly Instructions

- Read and follow all safety warnings and instructions
- Be sure to use resins in well ventilated area


Fig. 1

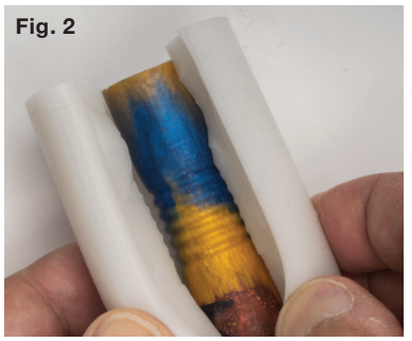

Fig. 2


Fig. 3

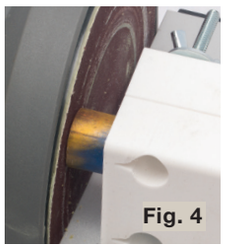

Fig. 4


Fig. 5


Fig. 6



Fig. 7

1. PREPARE THE CastaHandle™ MOLD

The handle mold is designed to be split to remove the casted resin. Use rubber bands to prepare the handle. If done properly no seam will show when the casting is extracted. Do not overtighten (will distort the casting) or under tighter (will cause leakage) (Fig 1). Inspect seam–it should be nearly visible.

2. CAST THE HANDLE

This mold requires about 28 total grams of resin. Some resins can be mixed in equal amounts by volume whereas others (Alumilite) require equal amounts by weight. Total volume in either case is about 28 grams. Weigh or measure to published portions then mix thoroughly. Once the clear resins are mixed, they can be separated into 2 or more portions where colors for each portion can be poured into the mold to taste. Clear resin can be left in the mixing cup to add an additional color.

Brush or spray a wax demolding agent into the mold cavity for best extraction of the casting. Carefully pour the various color layers. Do not mix since it will change the colors.

If your resins tend to bubble, put the mold into a pressure pot to cure at about 40psi of pressure. Remove the mold after the designated curing time published for your resins. Note the mold is split to enable easy extraction. You will find nearly no seam marks on your casting once extracted. (Fig 2).

3. SQUARE THE END OF THE HANDLE

You will find the end of the handle quite uneven once extracted from the mold. It will be necessary to Square the end in order for the casting to mount square to your selected kit and to properly position the casting to drill a hole in the center in order to mount your selected project kit. The CastaHandle Jig was designed to allow you to accurately square and drill the handle no sand. Position the casted handle inside of the jig (Fig. 3) and tighten the threaded screws to secure the casting. Next run the mounted handle squarely against the sander (Fig. 4). You can shorten the handle by sanding to any length desirable.

4. SELECT A KIT

Table 1 lists PSI kits that can have CastaHandle handles attractively attached. Note the drill size for each kit is listed. Connections for some kits can be made to be detachable with threaded inserts #BSERT that require a 1/2" Hole on the end of the handle.

5. DRILL AND CONNECT THE HANDLE

It's essential to dill a hole centered on the end of the handle. This will assure your connection to the Kit will be precise. You can visually mark the center or use a centering jig (i.e. #PKMMTOOL Fig. 5). We suggest first drilling a small starter hole to ensure that you've found the center. Drill a hole compatible with the connection to the kit (refer to Table 1) or a ½" hole if using the #BSERT threaded insert (Fig. 6)

6. USE A DECORE RING FOR TRANSITION

Since the end of the handle casting and end of the kit are likely not to transition exactly, a décor ring provides a "beaded" transition that both transitions and adds an attractive design element to the project. Select either Chrome or Gold for the transition (Fig. 7).

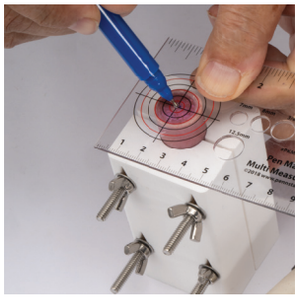
HANDLE MAKING ACCESSORIES



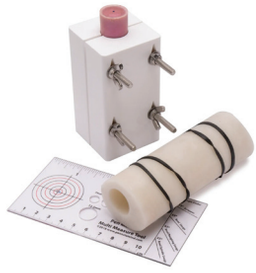
CastaHandle Mold
#CASTHAN



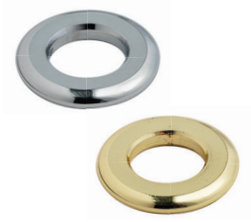
CastaHandle Jig
#CASTJIG



Measuring tool
#PKMMTOOL



Handle Casting Set including CastaHandle Mold, CastaHandleJig and Measuring tool …. #CASTSET2



Transition Decor Rings 4paks Chrome #PKDECOR4C, 4pak Golden #PKDECOR4G



3/8" drill bit (for Bottle Stoppers and Handles when not using #BSERT): #PKEXEC-38



½ Forstner bit – for ½" posts and #BSERT insert: #PKDB12



23/64" Bit for Bottle openers PKBPN2BR/CH Bottle Openers: #PK-2364



7mm Drill bit for Seam Roller Kit: #PK-7MM



Scale 1000 gram mini Platform: #CASTSCALE



Alumilite "Clear Slow" Resin
Cures in 2-4 hrs, available in 2lb- #CASTALC1 , 8lb -#CASTALC2, and 16lb - #CASTALAC3 kits



Alumilite Standard Resin
Cures in 90 minutes, available in 2lb #CASTALC4, 8lb CASTALC5 kits



Stoner Spray Mold Release
12oz #CASTMR



California Air Pressure Pots
2.5 Gal #CASTPP25,
5 Gal #PKCASTPP50



Eye Candy coloring powders & pastes, visit our website



Compressor available in most Home supply stores



5" Mini disc sander #ML9664X

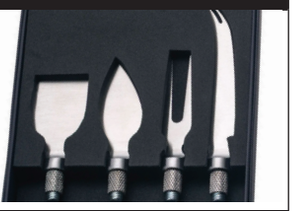
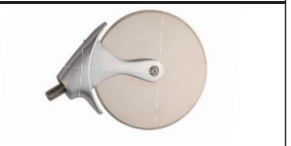
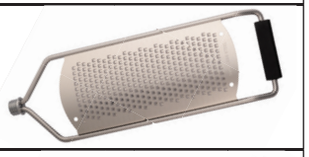
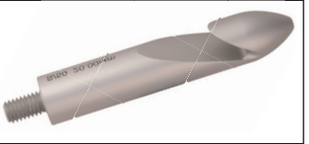
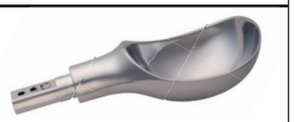
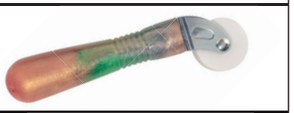


½" Threaded insert 5 pak 3/8x16tpi thread works on Bottle Stoppers and kit handles: #BSERT



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PROJECT KIT HANDLE COMPATIBLITY

ITEM	MEETING DIA.	USE #BSERT	COMMENTS	
#PKCHEESE4 4 Pc Cheese set	.64”	Y	#BSERT Included fits 1/2” Hole	
#PKPCUTD Classic Pizza Cutter	,90”	Y	Threaded Insert fits 1/2” Hole	
#PKRASP Rasp Grater Kit	.57”	Y	Threaded Insert fits 1/2” Hole	
#PKCROCHJ20 20mm Jumbo Crochet Hook	.78”	Y	Threaded Insert fits 1/2” Hole	
#PKCROCHJ15 15MM Jumbo Crochet Hook	.583”	Y	Threaded Insert fits 1/2” Hole	
#PKPCUTB Premium Pizza Cutter	.80”	N	Threaded post fits 1/2” Hole	
#PKPCUTS Combo Pizza Cutter	.927”	N	Threaded post fits 1/2” Hole, Includes Gold décor ring	
#PKISCOOP5 Ice Cream Scoop	.704”	N	1/2” Posts fits into 1/2” hole	
#PKBPN2CH - Chrome **#PKBPN2GM** - Gun metal Heavy Duty Bottle Opener	.75”	N	Need to Drill 23/64” hole	
#PKSROLL Seam Roller	.75”	N	Drill 7mm Hole	
#PKFS20000 20,000 Strike Fire Starter	.75”	N	Drill 5/8” Hole	
#PKFS6000 6,000 Strike Fire Starter	.75”	N	Drill 7/16” Hole	
#PKFS38 3/8” Dia. Fire Starter	.75”	N	Drill 3/8” Hole	