



COMPOSITE DRILLS - With Pilot Drill

3-7/8" OAL / Carbide Tipped / Quick Change Shank

These drills have all the attributes of the 803 series but with a larger 1/4" diameter center hole as requested by several industrial users. This bit is supplied with a 1/4" Taper Point Drill bit that allows better control when trying to make a gentle entry. These bits can also be used with the 1/4" Pilot Rod (supplied) in applications that follow a 1/4" pre-drilled guide hole. This series has proven to be very effective in soft, gummy materials such as King Starboard®. Can be re-sharpened or re-tipped.



Part #	Size	Recommended Rev/Min	Overall Length
8090750	3/4"	2500-3000	3-7/8"
8090937	15/16"	2200-2800	3-7/8"
8091000	1"	2200-2800	3-7/8"
8091062	1-1/16"	2200-2800	3-7/8"
8091125	1-1/8"	2000-2500	3-7/8"
8091187	1-3/16"	2000-2500	3-7/8"
8091250	1-1/4"	2000-2500	3-7/8"
8091312	1-5/16"	2000-2500	3-7/8"
8091375	1-3/8"	2000-2500	3-7/8"
8091500	1-1/2"	2000-2500	3-7/8"
8091750	1-3/4"	2000-2500	3-7/8"
8092125	2-1/8"	2000-2500	3-7/8"
8092250	2-1/4"	2000-2500	3-7/8"



Note:

- Each 809 Series Drill is supplied with a 1/4" Tapered Point Drill bit, a 1/4" Pilot Rod, and a 3/32" Hex Key Wrench

QUICK CHANGE TOOLING

Whiteside's Quick Change Tooling was designed for the production environment to allow a quick and easy switch from one tool size to the next. The 7/16" hex design is larger and stronger than most. This design allows the use of larger drill bits and hole saws with our Quick Change Chucks. (Our hex shank tooling will also work great in standard three jaw chucks). The Chucks are provided with a 1/2" hex shank for most applications or with a 3/8" hex shank for use in drills with only a 3/8" capacity. The Quick Change 1/4" Hex Adapter is available so that any 1/4" hex shank bits or drivers can also be used in the main chuck. This system really makes changing tools a snap.

Quick Change Chucks

Part #	Shank Dia.	Adapter Size	Overall Length
8020375	3/8" Hex	7/16" Hex	2-3/4"
8020500	1/2" Hex	7/16" Hex	2-3/4"

1/4" Hex Adapter

Part #	Shank Dia.	Adapter Size	Overall Length
8020250	7/16" Hex	1/4" Hex	2-1/8"



SPARE PARTS

Part #	Description	Application
8070125	Replacement 1/8" Center Pin	Series 803 & 812 3-Wing Drills
8061240	Optional 1/8" Machine Drill	Series 803 & 812 3-Wing Drills
8070250	1/4" Taper Point Drill	Series 809 3-Wing Drills & 800 Hole Saws
8070000	1/4" x 3-3/8" Pilot Rod	Series 809 3-Wing Drills & 800 Hole Saws
8060256	1/4" x 6" Drill Bit	Series 808 Deep-Cor Hole Saws
HK-3/32	3/32" Hex Key Wrench	Series 803, 809, & 812 3-Wing Drills
HK-1/8	1/8" Hex Key Wrench	All Hole Saws / Quick Change Shanks
10322SS	#10-32 Set Screw (10 pcs)	Series 803, 809, & 812 3-Wing Drills
25284SS	1/4"-28 Set Screw (10 pcs)	All Hole Saws / Quick Change Shanks

