

MUELLER® A-3™ DRILLING AND TAPPING MACHINE DRILLS, CUTTERS AND TAPS



1.13

Shaded area indicates change Rev. 9-09

A-3 Combined Drills and Taps with replaceable carbide tipped drill–AWWA taper thread

Material of pipe to be tapped	Size and class of pipe to be tapped		Drill length	Thread size of stop	Drill and tap comp.	Components		Rollpin
	Size	Class				Drill and rollpin	Tap and shank with rollpin	
A-C†	6"-24"	100	Reg.	3/4"	680671	580779	680675	502580
	6"-16"	150		1"	680672	580780	680676	502581
	6"-14"	200						



See bottom of page 1.12 for footnote †

A-3 Combined Shell Cutters and Taps for PVC–AWWA taper thread

When using these tools on any PVC, the specific instructions and recommendations of the pipe manufacturer must be followed. Because of the many types of plastic sold, MUELLER Co. assumes no responsibility for performance of any threaded connection in plastic pipe.

Material of pipe to be tapped	Max. pipe wall thickness	Thread size of stop	Components		Optional Coupon removal tool
			Tap and shank	Shell cutter	
Cast iron O.D. PVC (AWWA C900)	.750"	3/4"	581502	508110	581636
		1"	581503	508111	581637
	1.125"	3/4"	580780	680676	502581
		1"	581503	507578	581637



Optional coupon removal tool

A-3 Combined Shell Cutters and Taps

Type of inlet thread on corporation stop or plug	Material of pipe to be tapped	Size and class of pipe to be tapped		Thread size of stop or plug	Shell cutter and tap complete	Shell cutter and tap components parts				
		Size	Class			Combined shank and tap	Shell cutter	Pilot drill	Ret. screw	Drift pin
AWWA Taper Thread	Cast iron	6"-48" 6"-42"	250* D**	1-1/2"	580740	502395	502394	53906	33509	63264
	Ductile iron	6"-54"	All***	2"	83525	53949	53627	53906	33509	63264
AWWA I.P. Thread	Cast iron	6"-48" 6"-42"	250* D**	1-1/4"	88738	37350	37353	37801	37802	63264
				1-1/2"	88739	37351	37354	37801	37802	63264
	Ductile iron	6"-54"	All***	2"	88740	37352	37355	37356	33510	63264
				2-1/2"	681502	681501	40907	37356	33509	63264



See bottom of page 1.12 for footnotes *, **, and ***

Note: Mueller recommended cutting grease is available in pints (88366).



WARNING: Use on A-C pipe, which contains a known carcinogen, requires appropriate protective equipment and procedures be employed.