

MUELLER® Combined Drills and Taps



MUELLER Combined Drills and Taps are designed and manufactured to perfectly match the corresponding stop or plug thread to assure a pressure tight seal. To further assure these tools are of the highest quality, MUELLER Combined Drills and Taps are tested by making an actual tap in a cast iron plate, and the resulting thread is gaged. Each MUELLER Combined Drill and Tap is subjected to a hardness test to assure material integrity.

NOTE: MUELLER CO. offers a reconditioning service for MUELLER made combined drills and taps, combined shell cutters and taps, and shell cutters. Contact MUELLER Customer Service Center for details.

"J" Machine Combined Drills and Taps (CEM-RES® tools marked † in chart are designed for use on A-C and cement-lined iron pipe. Warranty will be voided on any other tool used on these types of pipe.)

Type of inlet thread on corporation stop or plug	Material of pipe to be tapped	Size and class of pipe to be tapped		Drill length	Size of inlet thread on corporation stop or plug									
		Size	Class		1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"	
AWWA Taper Thread	Cast iron	4"-30" 4"-20"	250* D**	Regular	-	-	37639†	37505†	37255†	37792†	37793†	37794†	44135†	
	Ductile iron	All	All***											
	A-C	3"-24" 3"-16" 3"-14"	100 150 200											
	Cement-lined cast iron	4"-48"	250*											
	Cement-lined ductile iron	4"-54"	All***											
	Steel	4"-24"	Sch. 40											Regular
AWWA I.P. Thread	Cast iron	4"-30" 4"-20"	250* D**	Regular	75490	-	78767†	37638†	-	37485†	37394†	37880†	37881†	37882†
	Ductile iron	4"-54"	All***											
	A-C	3"-24" 3"-16" 3"-14"	100 150 200	Regular										
	Cement-lined cast iron	4"-48"	250**											
	Cement-lined ductile iron	4"-54"	All***											
	Steel	4"-24"	Sch.40	Regular	-									

* Centrifugally cast and pit cast iron pipe, classes 50 through 250 meeting the following specifications: ANSI/AWWA C102/A21.2; ANSI/AWWA C106/A21.6; ANSI/AWWA C108/A21.8; Federal specification WW-P-421 and pit cast iron pipe, classes A and B.

** Maximum size of pit cast iron pipe, classes C and D.

*** Ductile iron pipe, classes 50 through 56 meeting specifications ANSI/AWWA C51/A21.51.

† These tools, marked CEM-RES®, have been developed for use on A-C pipe meeting specifications ASTM C296 and AWWA C400 and for cement-lined pipe meeting specifications ANSI/AWWA C104/A21.4. Cutting grease is supplied with and use is mandatory on all CEM-RES tools except when tapping A-C pipe.

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.