

Rev. 2-18 Shaded area indicates changes



Mueller Combined Drills and Taps for Mueller B-101 Machines

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 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.

Mueller B-101 Machine Tool Kit - 682293

Description	Part Number	Description	Part Number
3/4" Equipment	-	DI/900 Pipe Saddle	
CD & T	680539	4"	75812
Inserting Tool****	680600	6"	75815
1" Equipment	-	8"	75817
CD & T	680540	10"	75820
Inserting Tool****	680601	12"	75821

Type of inlet thread on corporation stop or plug	Material of pipe to be tapped	Size & class of pipe to be tapped		Size of inlet thread on corporation stop or pipe plug						
		Size	Class	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
AWWA taper thread	All ductile iron	4"-54"	All ***	680537	680538	680539	680540	681487	681488	681489
		All								
	All cast iron	4"-30"	250 *							
		4"-30" 4"-20"	250 * D **							
		36"-48" 24"-42"								
		All A-C	3"-8"							
Steel	4"-24"	Sch. 40	680545	680546	680547	680548	-	-	-	
AWWA I.P. thread	All ductile iron	All	All ***	680572	-	680573	680574	681492	681493	681494
		4"-30"	250 *							
	All cast iron	4"-30" 4"-20"	250 * D **							
		36"-48" 24"-42"								
	All A-C	3"-24" 3"-16"	100 150							
		3"-14"	200							
Steel	4"-24"	Sch. 40	680569	-	680570	680571	-	-	-	

All B-101 Combined Drills and Taps except those deignated for steel are deigned for use on cement lined and unlined cast or ductile iron and A-C pipe. These tools are labeled CEM-RES®.†

* Centrifugally cast and pit cast iron pipe, classes 50 through 250 meeting the following specifications: ANSI/AWWA C102/A21.2; ANSI/AWWAC106/A21.6; ANSI/AWWA C108/A21.8; Federal specification WW-P- and pit cast iron pipe, classes A and B.

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

***Ductile iron pipe, classed 50 through 56 meeting specifications ANSI/AWWA C151/A21.51.

****Inserting tools fit Flare, CTS 110, CTS Pack Joint

†These tools, marked CEM-RES®, have been developed for use on A-C pipe meeting specifications ASTM C96 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).