

1.4

Mueller Co. **MUELLER® B-101™ DRILLING AND TAPPING MACHINES COMBINED DRILLS AND TAPS**

Rev. 9-09 Shaded area indicates change



Regular
drill length

Long drill
length

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 B101 Machine Tool Kit - 682293

Description	Part No.	Description	Part No.
3/4" Equipment		DI/C900 Pipe Saddle	
CD&T	680539	4"	75812
Inserting Tool****	680600	6"	75815
1" Equipment			
CD&T	680540	8"	75817
Inserting Tool****	680601	10"	40074
		12"	75821

All B-101 Combined Drills and Taps except those designated 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®.†

Type of inlet thread on corporation stop or plug	Material of pipe to be tapped	Size and 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	Cement-Lined Ductile Iron	4"-54"	All***	680537	680538	680539	680540	681487	681488	681489	
	Ductile Iron	All	All***								
	Cement-Lined Cast Iron	4"-30"	250*								
	Cast Iron	4"-20"	4"-30"	250*	680537	680538	680535Δ	680536Δ	681487	681488	681489
			36"-48" 24"-42"	250* D**							
	A-C	3"-24" 3"-16" 3"-14"	100 150 200								
Steel	4"-24"	Sch. 40		680545	680546	680547	680548	-	-	-	
AWWA I.P. Thread	Cement-Lined Ductile Iron	4"-54"	All***	680572	-	680573	680574	681492	681493	681494	
	Ductile Iron	All	All***								
	Cement-Lined Cast Iron	4"-30"	250*								
	Cast Iron	4"-20"	4"-30"	250*	680572	-	680573	680574	-	-	-
			36"-48" 24"-42"	250* D**							
	A-C	3"-24" 3"-16" 3"-14"	100 150 200								
Steel	4"-24"	Sch. 40		680569	-	680570	680571	-	-	-	

Δ Long Drill Point

* 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).

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