

MUELLER® "H-W"™ DRILLING & TAPPING MACHINE* COMBINED DRILLS AND TAPS - EQUIPMENT



1.23

Rev. 9-09



MUELLER "H-W" 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.

"H-W" 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"	2-1/2"	3"
AWWA Taper Thread	Cast iron	4" - 30"	250*	Regular	-	-	75046	75047	37866	46167	75050	75051	75052	-	-
		4" - 20"	D**		-	-	-	-	-	-	-	-	-	-	-
	Ductile iron	All	All***	Regular	-	-	-	-	-	-	-	-	-	-	-
		3" - 20"	100		-	-	-	-	-	-	-	-	-	-	-
		3" - 14"	150		-	-	-	-	-	-	-	-	-	-	-
A-C	3" - 12"	200	-	-	-	-	37866	46167	-	-	-	-	-		
Cement-lined cast iron	4" - 30"	250*	-	-	-	-	-	-	-	-	-	-	-		
Cement-lined ductile iron	4" - 54"	All***	-	-	-	-	-	-	-	-	-	-	-		
AWWA I.P. Thread	Cast iron	4" - 30"	250*	Regular	75354	75037	75038	-	78778	78779	78780	75042	33225	75044	75045
		4" - 20"	D**		-	-	-	-	-	-	-	-	-	-	-
	Ductile iron	4" - 54"	All***	Regular	-	-	-	-	-	-	-	-	-	-	-
		3" - 18"	100		-	-	-	-	-	-	-	-	-	-	-
		3" - 12"	150		-	-	-	-	-	-	-	-	-	-	-
	A/C	3" - 10"	200	-	-	-	-	78778	78779	78780	-	33225	-	-	
Cement-lined cast iron	4" - 24"	250*	-	-	-	-	-	-	-	-	-	-	-		
Cement-lined ductile iron	4" - 54"	All***	-	-	-	-	-	-	-	-	-	-	-		
Steel	4" - 24"	Sch. 40	Regular	64256	64254	63655	-	37540	37541	37507	37710	37711	-	-	

* Centrifugally cast and pit cast iron pipe, classes 50 through 250 meeting the following specifications: ANSI/AWWA C102/A21.2; ANSI/AWWA C106/21.6; 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 mandatory on all CEM-RES tools except when tapping A-C pipe.

MUELLER® "H-W" Machine equipment for special uses

Corporation stop wrench

CATALOG NUMBER: H-10048—Used to operate 3/4" and 1" corporation stops.



Round link extension chains

PART NUMBER: 80000—4'-0" (1.2m) extension chain increases 12"(305mm) chain to fit 12"-24" pipe.

PART NUMBER: 80001—6'-0" (1.8m) extension chain increases 12"(305mm) chain to fit 12"-36" pipe.

PART NUMBER: 87673—10'-0" (3.0m) extension chain increases 12"(305mm) chain to fit 12"-48" pipe.



Chain spreader

PART NUMBER: 40321—Used when tapping 3" or smaller pipe.



***THE "H-W" MACHINE IS NO LONGER AVAILABLE; UNTIL FURTHER NOTICE MUELLER WILL CONTINUE TO SUPPORT THIS PRODUCT.**

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.