



# Drilling and Tapping Machine Selection Chart

TAP/VALVE SIZE	WORKING PRESSURE AT 100° F (PSIG)	PIPE TYPE	PIPE DIAMETER	RECOMMENDED MACHINE
1/2" - 1"	90*	All DI, All CI, A-C, Steel – PVC/PE max wall thickness 1.125"	3" - 48"	<b>B-101 (Direct)</b>
	200	PVC only	N/A†	<b>Tru-Cut** or PL-2** (Saddle)</b>
3/4" - 2"	No Pressure	All DI, All CI, A-C, Steel	3" - 48"	<b>J** (Direct)</b>
	300	All DI, All CI, A-C, Steel – PVC/PE max wall thickness 1.125"	4" - 48"	<b>EZ-TAP™ (Saddle)</b>
	90*	All DI, All CI, A-C, Steel	4" - 48"	<b>A-3 (Direct)† † †</b>
	500	All DI, All CI, A-C, Steel – PVC/PE max wall thickness 1.125"	4" - 48"	<b>E-5 or D-5 (Saddle)</b>
2" - 12"	250	All DI, All CI, A-C, Steel – PVC/PE max wall thickness 1.125"	4" - 48"††	<b>Mega-Lite™ (Tapping Sleeve)***</b>
	250	All DI, All CI, A-C, Steel – PVC/PE max wall thickness 1.125"	4" - 48"††	<b>CL-12™ (Tapping Sleeve)</b>
2" - 24"	500	All DI, All CI, A-C, Steel – PVC/PE max wall thickness 1.125"	4" - 48"††	<b>C-1-36-99002 (Tapping Sleeve)</b>

**Notes:**

N/A Parameter is Not Applicable to determine recommended drilling and tapping machine.

\* With optional power clevis 250 psig

\*\* Hand operation only

\*\*\* Power operation only

† PVC 1.125" max wall thickness

†† Consult operations manual travel chart

††† Works with 1" - 2" valves

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