

# 1000 Series

## Tapping Machines

### Description

Tapping machines are used for making connections to pipelines, tanks, and plant piping without shutdown and are used to make hot taps in preparation for plugging machine application.

Our Models series 1000 can be either air or Manual used.

### Specifications

	Drilling Capacity	Stroke	Weight
Model 1020	3/4" – 4"	20"	26 Pounds
Model 1024	3/4" – 4"	24"	32 Pounds
Model 1028	3/4" – 6"	28"	41 Pounds
Model 1030	3/4" – 6"	30"	58 Pounds

Please ask us if you need a longer stroke, we can manufacture up to 32".

They meet NACE Standard and CE, sulfide stress cracking resistant metallic material for oilfield equipment. The maximum working pressure is 1,480 psi (100 bar) at 100°F (38°C). Its operating temperatures are -20°F (-29°C) to 700°F (371°C) at 700 psi (48 bar) for interment service. The maximum continuous rating is 350°F (177°C) at 1,025 psi (70 bar).

For special requirements, such as higher pressure or temperature, consult the factory.

### Features

The machine includes an air motor is optional.

Model PPM-1000 pneumatic air wrench, suitable to all our 1000 series drilling machines.

These are the technical data:

- Power: 0.6 HP
- Max Torque: 90 Nm
- Weight: 2,35 Kg.
- Rotation Speed: 150 rpm
- Air consume: 13 l/s



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## Hole Saws / Cutter and Pilots Drill

TAP SIZE		Cutter Diameter		Size On Size		Not Size On Size
inch	mm	Inch	mm	Hole Saw/cutter Stock Number	Pilot Drill Stock Number	Pilot Drill Stock Number
1 1/4"	32	1 5/16"	33.3	PHS-1000-32	PPD-SOS-1000-32	PPD-NSOS-1000-32
1 1/2"	38	1 9/16"	39.7	PHS-1000-38	PPD-SOS-1000-38	PPD-NSOS-1000-38
2	50	1 7/8"	47.6	PHS-1000-50	PPD-SOS-1000-50	PPD-NSOS-1000-50
3	80	2 7/8"	73.0	PHS-1000-80	PPD-SOS-1000-80	PPD-NSOS-1000-80
4	100	3 7/8"	98.4	PHS-1000-100	PPD-SOS-1000-100	PPD-NSOS-1000-100



## DRILL

DRILL DIAMETER		DRILL LENGTH		VALVE SIZE		Stock Number
inch	mm	Inch	mm	INCH	mm	
1/2"	12.7	6"	150	1 1/4 - 2"	32-50	PD-1000-127-150
1/2"	12.7	22 1/4"	565	1"	25	PD-1000-127-565
3/4"	19.0	6"	150	1 1/4 - 2"	32-50	PD-1000-190-150
3/4"	19.0	22 1/4"	565	1"	25.0	PD-1000-190-565
1	25.0	6"	150	1 1/4 - 2"	32-50	PD-1000-250-150
1 1/4"	32.0	6"	150	1 1/4 - 2"	40-50	PD-1000-320-150
1 7/16"	36.5	7 3/8"	187	1 1/4 - 2"	40-50	PD-1000-365-187



## THREADED VALVE ADAPTER

### MAXIMUM PRESSURE

inch	mm	Stock Number	PSI	BAR
1	25	PTVA-1000-25	1480	100
1 1/4"	32	PTVA-1000-32	1480	100
1 1/2"	38	PTVA-1000-38	1480	100
2	50	PTVA-1000-50	1480	100
3	80	PTVA-1000-80	1480	100



## FLANGED VALVE ADAPTERS

		CLASS 150#	CLASS 300#	CLASS 600#
inch	mm	Stock Number	Stock Number	Stock Number
2	50	PFVA-02-15	PFVA-02-30	PFVA-02-60
3	80	PFVA-03-15	PFVA-03-30	PFVA-03-60
4	100	PFVA-04-15	PFVA-04-30	PFVA-04-60
6	150	PFVA-06-15	PFVA-06-30	PFVA-06-60

## PLUG HOLDER

inch	Stock Number
2" - 3"	PPH-1000-23



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## FLANGED VALVE ADAPTERS

inch	mm	CLASS 150#	CLASS 300#	CLASS 600#
		Stock Number	Stock Number	Stock Number
2	50	PFVA-02-15	PFVA-02-30	PFVA-02-60
3	80	PFVA-03-15	PFVA-03-30	PFVA-03-60
4	100	PFVA-04-15	PFVA-04-30	PFVA-04-60
6	150	PFVA-06-15	PFVA-06-30	PFVA-06-60

## MANUAL SANDWICH VALVE

inch	mm	CLASS 150#	CLASS 300#	CLASS 600#
		Stock Number	Stock Number	Stock Number
2	50	PSV-02-15	PSV-02-30	PSV-02-60
3	80	PSV-03-15	PSV-03-30	PSV-03-60
4	100	PSV-04-15	PSV-04-30	PSV-04-60
6	150	PSV-06-15	PSV-06-30	PSV-06-60

