

Boiler Tube Cleaners

Selection Guide

3000 and 4000 Series Tube Cleaners – Curved and Straight

Range: 1-1/2" to 13-1/4" (38.1mm to 336.5 mm)

Complete cleaner consists of: air motor with extra set of blades; shaft wrench; choice of cutter head with two extra sets of cutters and cutter pins; universal joint with two extra pins; two drills.

If single unit head is ordered, four extra sets of cutters are furnished. If arm-type head is ordered, an extra set of arm pins is furnished.

For operating hose (not included) refer to page 116.



Used for straight tubes.
 Used for curved tubes.



Tube I.D.		Minimum Tube Centerline Radius		Motor Number	Motor O.D.		Rotor Thread	Air Coupling Pipe Tap (in.)	Hose Size		Heads Available				Universal Joint	Drill*
in.	mm	in.	mm		in.	mm			in.	in.	mm	Single Expansion Type 3	Forward Swing Type 4	Single Unit		
												Type 2	Type 1			
1-1/2	38.1	Straight		3150	1-3/8	34.9	9/16 NC	1/2	1/2	12.7	TC-14	-	-	1740	31551	0
1-5/8	41.2	Straight		3162	1-1/2	38.1	5/8 NC	3/4	1/2	12.7	TC-11	-	1840	1940	4151	1
1-3/4	44.4	Straight		3175	1-5/8	41.2	5/8 NC	3/4	1/2	12.7	TC-11	-	1840	1940	4151	1
1-7/8	47.6	Straight		3187	1-3/4	44.4	5/8 NC	3/4	3/4	19.0	TC-17-PY	-	2340	4140	4151	1
2	50.8	Straight		3200	1-7/8	47.6	5/8 NC	3/4	3/4	19.0	TC-16	-	2340	4140	4151	1
2	50.8	15.0	381.0	4225	1-3/4	44.4	5/8 NC	1/2	1/2	12.7	-	-	4130	4140	4151	1
2-1/8	53.9	Straight		3212	2	50.8	5/8 NC	3/4	3/4	19.0	TC-13-PY	2340	-	4140	4151	4
2-1/8	53.9	15.0	381.0	4225	1-3/4	44.4	5/8 NC	1/2	1/2	12.7	-	-	4130	4140	4151	1
2-1/4	57.1	Straight		3225	2-1/8	53.9	3/4 NC	3/4	3/4	19.0	P-15-PY	4470-A	-	-	2151	4
2-1/4	57.1	15.0	381.0	4250	1-7/8	47.6	5/8 NC	1/2	1/2	12.7	-	4470	-	-	4151	4
2-5/16	58.7	12.0	304.8	4250	1-7/8	47.6	5/8 NC	1/2	1/2	12.7	-	4470	-	-	4151	4
2-3/8	60.3	Straight		3225	2-1/8	53.9	3/4 NC	1	1	25.4	P-9-S	4470-A	-	-	2151	4
2-1/2	63.5	Straight		3250	2-5/16	58.7	7/8 NC	1	1	25.4	P-9	4470-B	-	-	21451	4
2-1/2	63.5	15.0	381.0	4250	1-7/8	47.6	5/8 NC	1/2	1/2	12.7	-	-	4470	-	4151	4

Some items are available on a quotation basis only.
 * Drill must be used with Universal Joint or flexible connection.

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Tube I.D.		Minimum Tube Centerline Radius		Motor Number	Motor O.D.		Rotor Thread	Air Coupling Pipe Tap (in.)	Hose Size		Heads Available			Universal Joint	Drill*
in.	mm	in.	mm		in.	mm			in.	in.	mm	Single Expansion Type 3	Wing Arm Type 5		
2-5/8	66.6	Straight		3262	2-1/2	63.5	7/8 NC	1	1	25.4	P-7	2060	4470-A	21451	4
2-5/8	66.6	24	609.6	4300	2-1/4	57.1	3/4 NC	1	3/4	19.0	-	3360	3370	3551	5
2-3/4	69.8	Straight		3275	2-5/8	66.6	7/8 NC	1	1	25.4	P-7	2060	3370-A	651	5
2-3/4	69.8	12	304.8	4300	-1/4	57.1	3/4 NC	1	3/4	19.0	-	3360	3370	3551	5
2-7/8	73.0	Straight		3275	2-5/8	66.6	7/8 NC	1	1	25.4	P-6-A	1060	-	651	5
2-7/8	7.03	28	711.2	4325	2-1/2	63.5	3/4 NC	1	3/4	19.0	-	3560	3270	3551	5
3	76.2	Straight		3300	2-13/16	71.4	1 NF	1	1	25.4	P-6	1060	-	21051	5
3	76.2	16	406.4	4300	2-1/2	63.5	3/4 NC	1	3/4	19.0	-	3560	3270	3551	5
3	76.2	12	304.8	4300	2-1/4	57.1	3/4 NC	1	3/4	19.0	-	3560	3270	3551	5
3-1/16	77.7	Straight		3300	2-13/16	71.4	1 NF	1	1	25.4	P-6	1060	-	21051	5
3-1/8	79.3	Straight		3312	2-15/16	74.6	1 NF	1	1	25.4	P-5	1060	-	1151	6
3-3/16	80.9	Straight		3318	3	76.2	1 NF	1	1	25.4	P-5	1060	-	1151	6
3-1/4	82.5	Straight		3318	3	76.2	1 NF	1	1	25.4	P-5	1060	-	1151	6
3-1/4	82.5	16	406.4	4350	2-3/4	69.8	7/8 NC	1	1	25.4	-	3560	970-B	651	5
3-3/8	85.7	Straight		3318	3	76.2	1 NF	1	1	25.4	P-5	960	-	1151	6
3-12	88.9	Straight		3350	3-5/16	84.1	1-1/8 NF	1	1	25.4	P-4	760	-	20751	6
3-1/2	88.9	20	508	4350	2-3/4	69.8	7/8 NC	1	1	25.4	-	4760	770-B	551	6
3-5/8	92.0	Straight		3350	3-5/16	84.1	1-1/8 NF	1	1	25.4	P-3	760	-	20751	6
3-3/4	95.2	Straight		3350	3-5/16	84.1	1-1/8 NF	1	1	25.4	P-3	760	-	20751	6
3-7/8	98.4	Straight		3350	3-5/16	84.1	1-1/8 NF	1	1	25.4	P-3	760	-	20751	6
4	101.6	Straight		3400	3-3/4	95.2	1-1/8 NF	1	1	25.4	P-2	760	-	20751	6
4	101.6	15	381	4450	3-1/8	79.3	7/8 NC	1	1	25.4	-	4760	770-B	551	6
4-1/8	104.7	Straight		3400	3-3/4	95.2	1-1/8 NF	1	1	25.4	P-2	760	-	20751	6
4-1/4	107.9	Straight		3400	3-3/4	95.2	1-1/8 NF	1	1	25.4	P-1	5060-AS	-	20751	6
4-1/4	107.9	36	91.4	4450	3-1/8	79.3	7/8 NC	1	1	25.4	-	4760	870-B	551	6
4-3/8	111.1	Straight		3400	3-3/4	95.2	1-1/8 NF	1	1	25.4	P-1	5060-AS	-	20751	6
4-1/2	114.3	Straight		3400	3-3/4	95.2	1-1/8 NF	1	1	25.4	P-0	5060-AS	-	20751	6
4-1/2	114.3	15	381	4450	3-1/8	79.3	7/8 NC	1	1	25.4	-	4760	870-B	551	6
4-1/2	114.3	24	609.6	4450	3-1/8	79.3	7/8 NC	1	1	25.4	-	4760	870-B	551	6
4-3/4	120.6	Straight		3400	3-3/4	95.2	1-1/8 NF	1	1	25.4	P-10	5060-AS	-	20751	6
4-13/16	122.2	18	457.2	4481	3-3/4	95.2	1-1/8 NF	1	1	25.4	-	5060-A	-	5051	6
5	127.0	Straight		3500	4-3/4	120.6	1-3/8 NF	1-1/4	1-1/4	31.8	TC-19-H-S	35260	-	21251-E	6
5	127.0	24	609.6	4481	3-3/4	95.2	1-1/8 NF	1	1-1/4	31.8	TC-19-H-S	35260	-	5051	6

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