

8012-5 SERIES

1 3/4" - 3"
O.D.

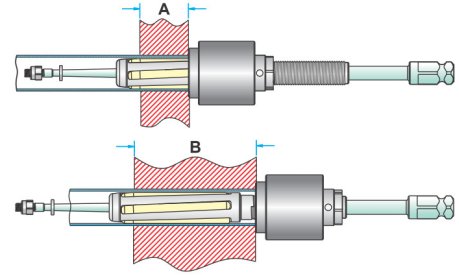


FOR TUBES INTERNAL DIAMETER
FROM (36.1 mm) 1.420" TO (73.7 mm) 2.902"

TUBE EXPANDERS FITTED WITH ROLLER LENGTH		FOR TUBE SHEET ADJUSTABLE RANGE	
		MINIMUM A	MAXIMUM B
2.1/4" (57.1mm)	STD. REACH	(12.7mm) 1/2"	(101.4mm) 4"
	- 6" REACH	(12.7mm) 1/2"	(152.4mm) 6"
	- 8" REACH	(12.7mm) 1/2"	(203.2mm) 8"

For Mandrels in 6" and 8" reach - suffix -6" or -8" to the mandrel model number.

- For Larger Size '8012-5' series expanders, please contact us.
- Use : To expand tubes in Air Heaters, Boilers and Refinery still tubes. Can be used to expand thick tube sheets (upto 8").



Tube O.D. (mm) inch	Tube Thickness			Tube I.D.		Minimum I.D. Tool Enters		Maximum Expansion of Tool		EXPANDER with (57.15 mm) 2.1/4" Long Rollers		
	bwg	mm	inch	mm	inch	mm	inch	mm	inch	Complete Tool No.	Mandrel No.	Rollers Set No.
(44.45) 1.3/4	8	4.19	0.165	36.1	1.420	34.7	1.368	39.3	1.55	8012-1.3/4-8 - 5	M-91-5	28-A-5
	10	3.40	0.134	37.6	1.482	36	1.42	40.8	1.607	8012-1.3/4-10 - 5	M-91-5	29-A-5
	11	3.04	0.120	38.3	1.510	36.9	1.454	41.5	1.635	8012-1.3/4-11 - 5	M-91-5	30-A-5
	12	2.76	0.109	38.9	1.532	37.6	1.482	42	1.657	8012-1.3/4-12 - 5	M-91-5	31-A-5
	13	2.41	0.095	39.6	1.560	38.3	1.51	42.7	1.685	8012-1.3/4-13 - 5	M-91-5	32-A-5
	14	2.10	0.830	40.2	1.584	38.9	1.532	43.4	1.709	8012-1.3/4-14 - 5	M-91-5	33-A-5
(50.80) 2	7	4.57	0.180	41.6	1.640	39.7	1.57	45	1.77	8012-2-7 - 5	M-93-5	34-A-5
	8	4.19	0.165	42.4	1.670	40.5	1.595	45.6	1.795	8012-2-8 - 5	M-93-5	35-A-5
	10	3.40	0.134	43.9	1.732	41.6	1.64	47.1	1.857	8012-2-10 - 5	M-93-5	36-A-5
	11	3.04	0.120	44.7	1.760	42.4	1.67	47.8	1.885	8012-2-11 - 5	M-93-5	37-A-5
	12	2.76	0.109	45.2	1.782	43.2	1.704	48.4	1.907	8012-2-12 - 5	M-93-5	38-A-5
	13	2.41	0.095	45.9	1.810	43.9	1.732	49.6	1.956	8012-2-13-18 - 5	M-93-5	39-A-5
	14	2.10	0.083	46.5	1.830	43.9	1.732	49.6	1.956	8012-2-13-18 - 5	M-93-5	39-A-5
	15	1.83	0.072	47.1	1.850	43.9	1.732	49.6	1.956	8012-2-13-18 - 5	M-93-5	39-A-5
	16	1.65	0.065	47.4	1.870	43.9	1.732	49.6	1.956	8012-2-13-18 - 5	M-93-5	39-A-5
	17	1.47	0.058	47.9	1.880	43.9	1.732	49.6	1.956	8012-2-13-18 - 5	M-93-5	39-A-5
(63.50) 2.1/2	7-8	4.5	0.177	54.5	2.146	52	2.05	59.3	2.335	8012-2.1/2-7-8 - 5	M-94-5	44-A-5
	9	3.75	0.148	56.0	2.204	53.5	2.106	60.4	2.38	8012-2.1/2-9 - 5	M-94-5	45-A-5
	10	3.40	0.134	56.6	2.232	54.3	2.14	61.1	2.407	8012-2.1/2-10-12 - 5	M-94-5	46-A-5
	11	3.04	0.12	57.4	2.26	54.3	2.14	61.1	2.407	8012-2.1/2-10-12 - 5	M-94-5	46-A-5
	12	2.76	0.109	57.9	2.282	54.3	2.14	61.1	2.407	8012-2.1/2-10-12 - 5	M-94-5	46-A-5
	13	2.41	0.095	58.6	2.310	56.6	2.232	62.2	2.45	8012-2.1/2-13-18 - 5	M-94-5	47-A-5
	14	2.10	0.083	59.2	2.334	56.6	2.232	62.2	2.45	8012-2.1/2-13-18 - 5	M-94-5	47-A-5
	15	1.83	0.072	59.8	2.356	56.6	2.232	62.2	2.45	8012-2.1/2-13-18 - 5	M-94-5	47-A-5
	16	1.65	0.065	60.1	2.370	56.6	2.232	62.2	2.45	8012-2.1/2-13-18 - 5	M-94-5	47-A-5
	17	1.47	0.058	60.6	2.384	56.6	2.232	62.2	2.45	8012-2.1/2-13-18 - 5	M-94-5	47-A-5
(76.20) 3	8	4.19	0.165	67.8	2.670	65.0	2.56	71.8	2.829	8012-3-8-9 - 5	M-97-5	49-A-5
	9	3.75	0.148	68.6	2.704	65.0	2.56	71.8	2.829	8012-3-8-9 - 5	M-97-5	49-A-5
	10	3.4	0.134	69.3	2.732	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	11	3.04	0.12	70.1	2.760	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	12	2.76	0.109	70.6	2.782	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	13	2.41	0.095	71.3	2.810	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	14	2.1	0.083	71.9	2.834	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	15	1.82	0.072	72.5	2.856	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	16	1.65	0.065	72.8	2.870	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
	17	1.47	0.058	73.3	2.884	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5
18	1.24	0.049	73.7	2.902	67.0	2.64	74.9	2.952	8012-3-10-18 - 5	M-97-5	50-A-5	

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