

# 'T-8012' Series

## Heat Exchanger and Boiler Tube Expander

- More durable components
- Extended service life
- In built thrust bearing
- Heavy duty application



Tube O.D.	Bwg	Tube I.D.		Min I.D.		Max Expansion		Expander with 2.14" (57.15 mm) long rollers		
		inch	mm	inch	mm	inch	mm	Model No.	Mandrel	Rollers Set.
1.34 (44.45)	8	1.420	36.1	1.368	34.7	1.550	39.3	T 8012-1.3/4-8	TM-90	TR33-A
	10	1.482	37.6	1.420	36.0	1.607	40.8	T 8012-1.3/4-10		TR37-A
	11	1.510	38.3	1.454	36.9	1.635	41.5	T 8012-1.3/4-11		TR-42
	12	1.532	38.9	1.482	37.6	1.657	42.0	T 8012-1.3/4-12		TR-44
	13	1.560	39.6	1.510	38.3	1.685	42.7	T 8012-1.3/4-13		TR-46
	14	1.584	40.2	1.532	38.9	1.709	43.4	T 8012-1.3/4-14		TR-48
2 (50.8)	8	1.670	42.4	1.595	40.5	1.795	45.6	T 8012-2-8	TM-91	TR-48
	10	1.732	43.9	1.640	41.6	1.857	47.1	T 8012-2-10		TR-50
	11	1.760	44.7	1.670	42.4	1.885	47.8	T 8012-2-11		TR-52
	12	1.782	45.2	1.704	43.4	1.970	48.4	T 8012-2-12		TR-54
	13	1.810	45.9	1.732	43.9	1.956	49.6	T 8012-2-13-18		TR-56
	14	1.834	46.5	1.732	43.9	1.956	49.6	T 8012-2-13-18		TR-56
	15	1.856	47.1	1.732	43.9	1.956	49.6	T 8012-2-13-18		TR-56
	16	1.870	47.4	1.732	43.9	1.956	49.6	T 8012-2-13-18		TR-56
	17	1.884	47.9	1.732	43.9	1.956	49.6	T 8012-2-13-18		TR-56
	18	1.902	48.3	1.732	43.9	1.956	49.6	T 8012-2-13-18		TR-56
2.14	10	1.982	50.3	1.890	48.0	2.107	53.5	T8012-2.1/4-10	TM-92	TR-56
	11	2.010	51.0	1.920	48.7	2.137	54.2	T8012-2.1/4-11		TR-58
	12	2.032	51.6	1.954	49.6	2.157	54.7	T8012-2.1/4-12		TR-60
	13	2.060	52.3	1.982	50.3	2.185	55.4	T8012-2.1/4-13-16		TR-62
	14	2.084	52.9	1.982	50.3	2.185	55.4	T8012-2.1/4-13-16		TR-62
	15	2.106	53.4	1.982	50.3	2.185	55.4	T8012-2.1/4-13-16		TR-62
	16	2.120	53.8	1.982	50.3	2.185	55.4	T8012-2.1/4-13-16		TR-62
2.1/2"	10	2.232	56.6	2.140	54.3	2.407	61.1	T8012-2.1/2-10-12	TM-93	TR-64
	11	2.260	57.4	2.140	54.3	2.407	61.1	T8012-2.1/2-10-12		TR-64

*T-8012 expanders can be supplied with 4 and 5 rollers*



T8012 Series	Adjustable Range	
	Roller Length	Min. Max.
	2 1/4" (57.1 mm)	1/2" (12.7 mm) 4" (101.6 mm)

Tube O.D. inch	Thk bwg	Tube I.D.		Min I.D.		Max Expansion		Expander with 2.125" (57.15 mm) long rollers		
		inch	mm	inch	mm	inch	mm	Model No.	Mandrel	Rollers Set.
2.1/2	12	2.282	57.9	2.140	54.3	2.407	61.1	T8012-2.1/2-10-12	TM-94	TR-64
	13	2.310	58.6	2.232	56.6	2.450	62.2	T8012-2.1/2-13-18		TR-64
	14	2.334	59.2	2.232	56.6	2.450	62.2	T8012-2.1/2-13-18		TR-64
	15	2.356	59.8	2.232	56.6	2.450	62.2	T8012-2.1/2-13-18		TR-64
	16	2.370	60.1	2.232	56.6	2.450	62.2	T8012-2.1/2-13-18		TR-64
	17	2.384	60.6	2.232	56.6	2.450	62.2	T8012-2.1/2-13-18		TR-64
	18	2.402	61.0	2.232	56.6	2.450	62.2	T8012-2.1/2-13-18		TR-64
2.3/4	10	2.482	63.0	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16	TM-96	TR-66
	11	2.510	63.7	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16		TR-66
	12	2.532	64.3	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16		TR-66
	13	2.560	65.0	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16		TR-66
	14	2.584	65.6	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16		TR-66
	15	2.606	66.1	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16		TR-66
	16	2.620	66.6	2.390	60.7	2.702	68.6	T8012-2.3/4-10-16		TR-66
3	8	2.670	67.8	2.560	65.0	2.829	71.8	T8012-3-8-9	TM-97	TR-67
	9	2.701	68.6	2.560	65.0	2.829	71.8	T8012-3-8-9		TR-67
	10	2.732	69.3	2.640	67.0	2.952	74.9	T8012-3-10-18	TM-96	TR-67
	11	2.760	70.1	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
	12	2.782	70.6	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
	13	2.810	71.3	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
	14	2.834	71.9	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
	15	2.856	72.5	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
	16	2.870	72.8	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
	17	2.884	73.3	2.640	67.0	2.952	74.9	T8012-3-10-18		TR-67
18	2.902	73.7	2.640	67.0	2.952	74.9	T8012-3-10-18	TR-67		