



# Tube Expander for Heat Exchanger and Condenser

## T - 800 / 1200 Series - 5 Rollers

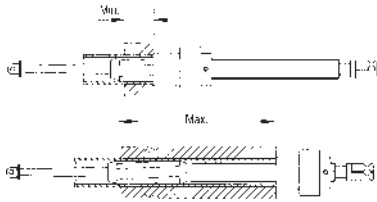


T800 Series Roller Length	Adjustable Range	
	Min.	Max.
1.1/2" (38.1mm)	1/2" (12.7mm)	1.1/2" (38.1mm)
2.1/4" (57.1 mm)	1.1/4" (31.7 mm)	2.1/4" (57.1 mm)

Tube O.D. BWG	Tube I.D.		Min I.D. Tube Tool Enters		Max Tool Expansion		800 Series Expander With				Mandrel Models	1200 Series Expander With				Mandrel Models	
							1.1/2" (38 mm) rolls		2.1/4" (57.1 mm) rolls			1.1/2" (38 mm) rolls		2.1/4" (57.1 mm) rolls			
							Expander	Roll Set	Expander	Roll Set		Expander	Roll Set	Expander	Roll Set		
							Model	Model	Model	Model		Model	Model	Model	Model		
5/8"-17	0.509	12.9	0.499	12.7	0.564	14.3	T-815-5	TR-4	T-816-5	TR-4A	TM-816						
	-18	0.527	13.4	0.517	13.1	0.576	14.6	T-817-5	TR-4	T-818-5	TR-4A	TM-9					
	-19	0.541	13.7	0.522	13.3	0.582	14.8	T-819-5	TR-4	T-820-5	TR-4A	TM-820					
	-20	0.555	14.1	0.536	13.6	0.596	15.1	T-819S-5	TR-4	T-820S-5	TR-4A	TM-820S					
	-21	0.561	14.2	0.536	13.6	0.596	15.1	T-819S-5	TR-4	T-820S-5	TR-4A	TM-820S					
	-22	0.569	14.5	0.536	13.6	0.596	15.1	T-819S-5	TR-4	T-820S-5	TR-4A	TM-820S					
3/4"-13	0.56	14.2	0.55	14.0	0.615	15.6	T-821-5	TR-5	T-822-5	TR-5A	TM-822						
	-14	0.584	14.8	0.574	14.6	0.629	16.0	T-823-5	TR-6	T-824-5	TR-6A	TM-824	T-1223-5	TR-6	T-1224-5	TR-6-A	TM-1224
	-15	0.606	15.4	0.59	15.0	0.661	16.8	T-825-5	TR-7	T-826-5	TR-7A	TM-826					
	-16	0.620	15.7	0.605	15.4	0.68	17.3	T-827-5	TR-7	T-828-5	TR-7A	TM-13	T-1227-5	TR-7	T-1228-5	TR-7-A	TM-63
	-17-18	0.634	16.1	0.619	15.7	0.699	17.8	T-829-5	TR-7	T-830-5	TR-7A	TM-830	T-1229-5	TR-7	T-1230-5	TR-7-A	TM-1230
	-19	0.666	16.9	0.642	16.3	0.729	18.5	T-831-5	TR-9	T-832-5	TR-9A	TM-13	T-1231-5	TR-7	T-1232-5	TR-7-A	TM-63
	-20	0.680	17.3	0.642	16.3	0.729	18.5	T-831-5	TR-9	T-832-5	TR-9A	TM-13	T-1231-5	TR-7	T-1232-5	TR-7-A	TM-63
	-21	0.686	17.4	0.642	16.3	0.729	18.5	T-831-5	TR-9	T-832-5	TR-9A	TM-13	T-1231-5	TR-7	T-1232-5	TR-7-A	TM-63
7/8"-13	0.694	17.6	0.642	16.3	0.729	18.5	T-831-5	TR-9	T-832-5	TR-9A	TM-13	T-1231-5	TR-7	T-1232-5	TR-7-A	TM-63	
	-13	0.685	17.4	0.670	17.0	0.747	19.0	T-833-5	TR-9	T-834-5	TR-9A	TM-14					
	-14	0.709	18.0	0.685	17.4	0.750	19.1	T-835-5	TR-10	T-836-5	TR-10A	TM-15					
	-16	0.745	18.9	0.726	18.4	0.800	20.3	T-839-5	TR-11	T-840-5	TR-11A	TM-840					
	-17-18	0.759	19.3	0.740	18.8	0.824	20.9	T-843-5	TR-11	T-844-5	TR-11A	TM-17					
	-19	0.791	20.1	0.763	19.4	0.851	21.6	T-845-5	TR-11	T-846-5	TR-11A	TM-18					
-20	0.805	20.4	0.763	19.4	0.851	21.6	T-845-5	TR-11	T-846-5	TR-11A	TM-18						
-21	0.811	20.6	0.763	19.4	0.851	21.6	T-845-5	TR-11	T-846-5	TR-11A	TM-18						
-22	0.819	20.8	0.763	19.4	0.851	21.6	T-845-5	TR-11	T-846-5	TR-11A	TM-18						



1200 Series



T1200 Series		Adjustable Range	
Roller Length		Reach	Min. Max.
1.1/2" (38.1mm)	Standard	1.1/2" (38.1mm)	6" (152.4 mm)
	A	1.1/2" (38.1mm)	8" (203.1 mm)
	B	1.1/2" (38.1mm)	10" (253.8 mm)
2.1/4" (57.1 mm)	Standard	2.1/4" (57.1mm)	1.1/2" (38.1mm)
	A	2.1/4" (57.1mm)	8.3/4" (222.1mm)
	B	2.1/4" (57.1mm)	10.3/4" (323.6 mm)

Longer reaches available upon request in 2 inch (50.8 mm) increments

Tube O.D. BWG	Tube I.D.		Min I.D. Tube Tool Enters		Max Tool Expansion		800 Series Expander With				Mandrel Models	1200 Series Expander With				Mandrel Models
							1 1/2" (38 mm) rolls		2 1/4" (57.1 mm) rolls			1 1/2" (38 mm) rolls		2 1/4" (57.1 mm) rolls		
							Expander Model	Roll Set Model	Expander Model	Roll Set Model		Expander Model	Roll Set Model	Expander Model	Roll Set Model	
1-12	0.782	19.9	0.763	19.4	0.852	21.6	T-845-5	TR-11	T-846-5	TR-11A	TM-18					
-13	0.810	20.6	0.791	20.1	0.880	22.4	T-847-5	TR-13	T-848-5	TR-13A	TM-18					
-14	0.834	21.2	0.810	20.6	0.879	22.3	T-849-5	TR-12	T-850-5	TR-12A	TM-850	T-1249-5	TR-12	T-1250-5	TR-12A	TM-1250
-15-16	0.856	21.7	0.837	21.3	0.936	23.8	T-851-5	TR-13	T-852-5	TR-13A	TM-852	T-1251-5	TR-13	T-1252-5	TR-13A	TM-1252
-17	0.884	22.5	0.865	22.0	0.965	24.5	T-855-5	TR-13	T-856-5	TR-13A	TM-856	T-1255-5	TR-13	T-1256-5	TR-13A	TM-1256
-18	0.902	22.9	0.865	22.0	0.965	24.5	T-855-5	TR-13	T-856-5	TR-13A	TM-856	T-1255-5	TR-13	T-1256-5	TR-13A	TM-1256
-19	0.916	23.3	0.865	22.0	0.965	24.5	T-855-5	TR-13	T-856-5	TR-13A	TM-856	T-1255-5	TR-13	T-1256-5	TR-13A	TM-1256
-20	0.930	23.6	0.865	22.0	0.965	24.5	T-855-5	TR-13	T-856-5	TR-13A	TM-856	T-1255-5	TR-13	T-1256-5	TR-13A	TM-1256
1.1/8"-12	0.907	23.0	0.883	22.4	0.997	25.3	T-857-5	TR-15	T-858-5	TR-15A	TM-21	T-1257-5	TR-15	T-1258-5	TR-15A	TM-71
-13	0.935	23.7	0.916	23.3	1.000	25.4	T-859-5	TR-16	T-860-5	TR-16A	TM-860					
-14	0.959	24.1	0.935	23.7	1.043	26.5	T-861-5	TR-17	T-862-5	TR-17A	TM-862					
1.1/4"-15	1.106	28.1	1.087	27.6	1.196	30.4	T-875-5	TR-21	T-876-5	TR-21A	TM-876					
-16	1.106	28.1	1.087	27.6	1.196	30.4	T-875-5	TR-21	T-876-5	TR-21A	TM-876					
-17	1.134	28.8	1.115	28.3	1.231	31.3	T-879-5	TR-21	T-880-5	TR-21A	TM-880					
-18	1.152	29.3	1.115	28.3	1.231	31.3	T-879-5	TR-21	T-880-5	TR-21A	TM-880					
-20	1.18	29.6	1.115	28.3	1.231	31.3	T-879-5	TR-21	T-880-5	TR-21A	TM-880					
-21	1.186	30.1	1.115	28.3	1.231	31.3	T-879-5	TR-21	T-880-5	TR-21A	TM-880					
-22	1.194	30.3	1.115	28.3	1.231	31.3	T-879-5	TR-21	T-880-5	TR-21A	TM-880					
1.3/8"-12	1.154	29.3	1.133	28.8	1.242	31.5	T-881-5	TR-21	T-882-5	TR-21A	TM-882					
-14	1.209	30.7	1.179	29.9	1.296	32.9	T-885-5	TR-23	T-886-5	TR-23A	TM-882					
1.12"-17	1.384	35.2	1.331	33.8	1.489	37.8	T-899-5	TR-29	T-900-5	TR-29A	TM-900	T-1299-5	TR-29	T-1300-5	TR-29A	TM-1299
-18	1.384	35.2	1.331	33.8	1.489	37.8	T-899-5	TR-29	T-900-5	TR-29A	TM-900	T-1299-5	TR-29	T-1300-5	TR-29A	TM-1299
-19-20	1.416	36.0	1.331	33.8	1.489	37.8	T-899-5	TR-29	T-900-5	TR-29A	TM-900	T-1299-5	TR-29	T-1300-5	TR-29A	TM-1299
-21-22	1.436	36.5	1.331	33.8	1.489	37.8	T-899-5	TR-29	T-900-5	TR-29A	TM-900	T-1299-5	TR-29	T-1300-5	TR-29A	TM-1299