



Tube Expander for Heat Exchanger and Condenser

T - 800 / 1200 Series - 3 Rollers



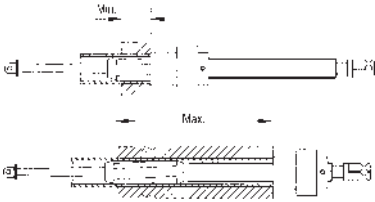
800 Series

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 Model	Roll Set Model	Expander Model	Roll Set Model		Expander Model	Roll Set Model	Expander Model	Roll Set Model	
1/2" -14	0.334	8.4	0.324	8.23	0.374	9.50	T-797	TR-797	-	-	TM-797	T-1197	TR-797	-	-	TM-1197
-15	0.356	9.0	0.349	8.84	0.398	10.11	T-799	TR-1	-	-	TM-799	T-1199	TR-1	-	-	TM-1199
-16	0.370	9.4	0.360	9.14	0.410	10.41	T-801	TR-1	-	-	TM-1	T-1201	TR-1	-	-	TM-51
-17	0.384	9.7	0.374	9.50	0.424	10.77	T-803	TR-2	-	-	TM-1	T-1203	TR-2	-	-	TM-51
-18	0.402	10.2	0.392	9.96	0.447	11.35	T-805	TR-3	-	-	TM-2	T-1205	TR-3	-	-	TM-52
-20	0.430	10.9	0.406	10.80	0.461	11.7	T-805S	TR-3	-	-	TM-3	T-1205S	TR-3	-	-	TM-53
5/8" -12	0.407	10.3	0.392	9.96	0.447	11.35	T-805	TR-3	-	-	TM-2	T-1205	TR-3	-	-	TM-52
-13	0.435	11.0	0.425	10.79	0.480	12.19	T-807	TR-4	-	-	TM-3	T-1207	TR-4	-	-	TM-53
-14	0.459	11.6	0.449	11.40	0.509	12.73	T-809	TR-4	TR-810	TR-4-A	TM-4	T-1209	TR-4	T-1210	TR-4-A	TM-54
-15	0.481	12.2	0.471	11.96	0.536	13.61	T-811	TR-5	TR-812	TR-5-A	TM-5	T-1211	TR-5	T-1212	TR-5-A	TM-55
-16	0.495	12.5	0.485	12.32	0.550	13.97	T-813	TR-6	TR-814	TR-6-A	TM-5	T-1213	TR-6	T-1214	TR-6-A	TM-55
-17	0.509	12.9	0.499	12.67	0.564	14.32	T-815	TR-6	TR-816	TR-6-A	TM-6	T-1215	TR-6	T-1216	TR-6-A	TM-56
-18	0.527	13.3	0.517	13.13	0.572	14.53	T-817	TR-7	TR-818	TR-7-A	TM-7	T-1217	TR-7	T-1218	TR-7-A	TM-57
-19	0.541	13.7	0.522	13.26	0.582	14.7	T-819	TR-7	TR-820	TR-7-A	TM-6	T-1219	TR-7	T-1220	TR-7-A	TM-56
-20	0.555	14.1	0.536	13.6	0.596	15.1	T-819S	TR-7	TR-820S	TR-7-A	TM-8	T-1219S	TR-7	T-1220S	TR-7-A	TM-58
-21	0.561	14.2	0.536	13.6	0.596	15.1	T-819S	TR-7	TR-820S	TR-7-A	TM-8	T-1219S	TR-7	T-1220S	TR-7-A	TM-58
-22	0.569	14.4	0.536	13.6	0.596	15.1	T-819S	TR-7	TR-820S	TR-7-A	TM-8	T-1219S	TR-7	T-1220S	TR-7-A	TM-58
3/4" -10	0.482	12.2	0.471	11.96	0.536	13.61	T-811	TR-5	TR-812	TR-5-A	TM-5	T-1211	TR-5	T-1212	TR-5-A	TM-55
-11	0.510	12.9	0.499	12.67	0.564	14.32	T-815	TR-6	TR-816	TR-6-A	TM-6	T-1215	TR-6	T-1216	TR-6-A	TM-56
-12	0.532	13.5	0.522	13.26	0.582	14.70	T-819	TR-7	TR-820	TR-7-A	TM-6	T-1219	TR-7	T-1220	TR-7-A	TM-56
-13	0.560	14.2	0.550	13.97	0.615	15.62	T-821	TR-8	TR-822	TR-8-A	TM-8	T-1221	TR-8	T-1222	TR-8-A	TM-58
-14	0.584	14.8	0.574	14.58	0.639	16.23	T-823	TR-9	TR-824	TR-9-A	TM-8	T-1223	TR-8	T-1224	TR-8-A	TM-58
-15	0.606	15.3	0.596	15.14	0.661	16.79	T-825	TR-10	TR-826	TR-10-A	TM-8	T-1225	TR-8	T-1226	TR-8-A	TM-58
-16	0.620	15.7	0.605	15.37	0.685	17.40	T-827	TR-10	TR-828	TR-10-A	TM-9	T-1227	TR-10	T-1228	TR-10-A	TM-59



1200 Series



T1200 Series Roller Length	Adjustable Range		
	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	
3/4"-17	0.634	16.1	0.619	15.72	0.699	17.75	T-829	TR-11	TR-830	TR-11-A	TM-9	T-1229	TR-11	T-1230	TR-11-A	TM-59
-18	0.652	16.5	0.619	15.72	0.699	17.75	T-829	TR-11	TR-830	TR-11-A	TM-9	T-1229	TR-11	T-1230	TR-11-A	TM-59
-19	0.666	16.9	0.642	16.3	0.722	18.3	T-831	TR-12	T-832	TR-12-A	TM-9	T-1231	TR-12	T-1232	TR-12-A	TM-59
-20	0.680	17.2	0.642	16.3	0.722	18.3	T-831	TR-12	T-832	TR-12-A	TM-9	T-1231	TR-12	T-1232	TR-12-A	TM-59
-21	0.686	17.4	0.642	16.3	0.722	18.3	T-831	TR-12	T-832	TR-12-A	TM-9	T-1231	TR-12	T-1232	TR-12-A	TM-59
-22	0.694	17.6	0.642	16.3	0.722	18.3	T-831	TR-12	T-832	TR-12-A	TM-9	T-1231	TR-12	T-1232	TR-12-A	TM-59
7/8"-10	0.607	15.4	0.596	15.1	0.661	16.7	T-825	TR-10	T-826	TR-10-A	TM-8	T-1225	TR-10	T-1226	TR-10-A	TM-58
-11	0.635	16.1	0.619	15.7	0.699	17.7	T-829	TR-11	T-830	TR-11-A	TM-9	T-1229	TR-11	T-1230	TR-11-A	TM-59
-12	0.657	16.6	0.642	16.3	0.722	18.3	T-831	TR-12	T-832	TR-12-A	TM-9	T-1231	TR-12	T-1232	TR-12-A	TM-59
-13	0.685	17.4	0.670	17.0	0.750	19.0	T-833	TR-13	T-834	TR-13-A	TM-10	T-1233	TR-13	T-1234	TR-13-A	TM-60
-14	0.709	18.0	0.685	17.5	0.774	19.6	T-835	TR-14	T-836	TR-14-A	TM-11	T-1235	TR-14	T-1236	TR-14-A	TM-61
-15	0.731	18.5	0.712	18.0	0.801	20.3	T-837	TR-15	T-838	TR-15-A	TM-11	T-1237	TR-15	T-1238	TR-15-A	TM-61
-16	0.745	18.9	0.726	18.4	0.815	20.7	T-839	TR-15	T-840	TR-15-A	TM-12	T-1239	TR-15	T-1240	TR-15-A	TM-62
-17	0.759	19.2	0.740	18.8	0.829	21.0	T-843	TR-16	T-844	TR-16-A	TM-12	T-1243	TR-16	T-1244	TR-16-A	TM-62
-18	0.777	19.7	0.740	18.8	0.829	21.0	T-843	TR-16	T-844	TR-16-A	TM-12	T-1243	TR-16	T-1244	TR-16-A	TM-62
1"-8	0.670	17.0	0.655	16.6	0.735	18.6	T-841	TR-13	T-842	TR-13-A	TM-9	T-1241	TR-13	T-1242	TR-13-A	TM-59
-9	0.704	17.8	0.685	17.4	0.774	19.6	T-835	TR-14	T-836	TR-14-A	TM-11	T-1235	TR-14	T-1236	TR-14-A	TM-61
-10	0.732	18.5	0.712	18.0	0.801	20.3	T-835	TR-15	T-838	TR-15-A	TM-11	T-1237	TR-15	T-1238	TR-15-A	TM-61
-11	0.760	19.3	0.740	18.8	0.829	21.0	T-843	TR-16	T-844	TR-16-A	TM-12	T-1243	TR-16	T-1244	TR-16-A	TM-62
-12	0.782	19.8	0.763	19.3	0.852	21.6	T-845	TR-17	T-846	TR-17-A	TM-12	T-1245	TR-17	T-1246	TR-17-A	TM-62
-13	0.810	20.5	0.791	20.0	0.880	22.3	T-847	TR-18	T-848	TR-18-A	TM-12	T-1247	TR-18	T-1248	TR-18-A	TM-62
-14	0.834	21.1	0.810	20.5	0.909	23.0	T-849	TR-18	T-850	TR-18-A	TM-13	T-1249	TR-18	T-1250	TR-18-A	TM-63
-15	0.856	21.7	0.837	21.2	0.936	23.7	T-851	TR-19	T-852	TR-19-A	TM-13	T-1251	TR-19	T-1252	TR-19-A	TM-63
-16	0.870	22.1	0.837	21.2	0.936	23.7	T-851	TR-19	T-852	TR-19-A	TM-13	T-1251	TR-19	T-1252	TR-19-A	TM-63



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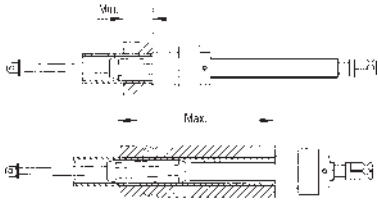
800 Series

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	
-17	0.884	1.47)	0.865	21.9	0.964	24.4	T-855	TR-21	T-856	TR-21-A	TM-13	T-1255	TR-21	T-1256	TR-21-A	TM-63
-18	0.902	1.24)	0.865	21.9	0.964	24.4	T-855	TR-21	T-856	TR-21-A	TM-13	T-1255	TR-21	T-1256	TR-21-A	TM-63
-19	0.916	1.06)	0.865	21.9	0.964	24.4	T-855	TR-21	T-856	TR-21-A	TM-13	T-1255	TR-21	T-1256	TR-21-A	TM-63
-20	0.930	0.88)	0.865	21.9	0.964	24.4	T-855	TR-21	T-856	TR-21-A	TM-13	T-1255	TR-21	T-1256	TR-21-A	TM-63
1.1/8" -8	0.795	20.1)	0.776	19.7	0.875	22.2	T-853	TR-20	T-854	TR-20-A	TM-13	T-1253	TR-20	T-1254	TR-20-A	TM-63
	0.829	21.0)	0.810	20.5	0.909	(23.0)	T-849	TR-18	T-850	TR-18-A	TM-13	T-1249	TR-18	T-1250	TR-18-A	TM-63
-10	0.857	21.7)	0.837	21.2	0.936	(23.7)	T-851	TR-19	T-852	TR-19-A	TM-13	T-1251	TR-19	T-1252	TR-19-A	TM-63
-11	0.885	22.4)	0.865	21.9	0.964	24.4	T-855	TR-21	T-856	TR-21-A	TM-13	T-1255	TR-21	T-1256	TR-21-A	TM-63
-12	0.907	23.0)	0.883	22.4	0.982	24.9	T-857	TR-21	T-858	TR-21-A	TM-14	T-1257	TR-21	T-1258	TR-21-A	TM-64
-13	0.935	23.7)	0.916	23.2	1.015	25.7	T-859	TR-22	T-860	TR-22-A	TM-14	T-1259	TR-22	T-1260	TR-22-A	TM-64
-14	0.959	24.3)	0.935	23.7	1.044	26.5	T-861	TR-23	T-862	TR-23-A	TM-15	T-1261	TR-23	T-1262	TR-23-A	TM-65
15	0.981	24.9)	0.962	24.4	1.071	27.2	T-863	TR-24	T-864	TR-24-A	TM-15	T-1263	TR-24	T-1264	TR-24-A	TM-65
-16	0.995	25.2)	0.962	24.4	1.071	27.2	T-863	TR-24	T-864	TR-24-A	TM-15	T-1263	TR-24	T-1264	TR-24-A	TM-65
-17	1.009	25.6)	0.990	25.1	1.099	27.9	T-867	TR-26	T-868	TR-26-A	TM-16	T-1267	TR-26	T-1268	TR-26-A	TM-66
-18	1.027	26.0)	0.990	25.1	1.099	27.9	T-867	TR-26	T-868	TR-26-A	TM-16	T-1267	TR-26	T-1268	TR-26-A	TM-66
1.1/4" -8	0.920	23.3)	0.901	22.8	1.010	25.6	T-865	TR-25	T-866	TR-25-A	TM-15	T-1265	TR-25	T-1266	TR-25-A	TM-65
	0.954	24.2)	0.935	23.7	1.044	26.5	T-861	TR-23	T-862	TR-23-A	TM-15	T-1261	TR-23	T-1262	TR-23-A	TM-65
-10	0.982	24.9)	0.962	24.4	1.071	27.2	T-863	TR-24	T-864	TR-24-A	TM-15	T-1263	TR-24	T-1264	TR-24-A	TM-65
-11	1.010	25.6)	0.990	25.1	1.099	27.9	T-867	TR-26	T-868	TR-26-A	TM-16	T-1267	TR-26	T-1268	TR-26-A	TM-66
-12	1.032	26.2)	1.013	25.7	1.122	28.5	T-869	TR-27	T-870	TR-27-A	TM-16	T-1269	TR-27	T-1270	TR-27-A	TM-66
-13	1.060	26.9)	1.041	26.4	1.150	29.2	T-871	TR-28	T-872	TR-28-A	TM-17	T-1271	TR-28	T-1272	TR-28-A	TM-67
-14	1.084	27.5)	1.060	26.9	1.169	29.6	T-873	TR-29	T-874	TR-29-A	TM-17	T-1273	TR-29	T-1274	TR-29-A	TM-67
-15	1.106	28.0)	1.087	27.6	1.196	30.3	T-875	TR-30	T-876	TR-30-A	TM-17	T-1275	TR-30	T-1276	TR-30-A	TM-67
-16	1.120	28.4)	1.087	27.6	1.196	30.3	T-875	TR-30	T-876	TR-30-A	TM-17	T-1275	TR-30	T-1276	TR-30-A	TM-67



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	Roll Set	Expander	Roll Set		Expander	Roll Set	Expander	Roll Set		
							Model	Model	Model	Model		Model	Model	Model	Model		
1.1/4"-17	1.134	28.8	1.115	28.3	1.224	31.0	T-879	TR-30	T-880	TR-30-A	TM-18	T-1279	TR-30	T-1280	TR-30-A	TM-68	
	-18	1.152	29.2	1.115	28.3	1.224	31.0	T-879	TR-30	T-880	TR-30-A	TM-18	T-1279	TR-30	T-1280	TR-30-A	TM-68
1.3/8"-8	1.045	26.5	1.026	26.0	1.135	28.8	T-877	TR-31	T-878	TR-31-A	TM-17	T-1277	TR-31	T-1278	TR-31-A	TM-67	
	-9	1.079	27.4	1.060	26.9	1.169	29.6	T-873	TR-29	T-874	TR-29-A	TM-17	T-1273	TR-29	T-1274	TR-29-A	TM-67
	-10	1.107	28.1	1.087	27.6	1.196	30.3	T-875	TR-30	T-876	TR-30-A	TM-17	T-1275	TR-30	T-1276	TR-30-A	TM-67
	-11	1.135	28.8	1.115	28.3	1.224	31.0	T-879	TR-30	T-880	TR-30-A	TM-18	T-1279	TR-30	T-1280	TR-30-A	TM-68
	-12	1.157	29.3	1.133	28.7	1.242	31.5	T-881	TR-32	T-882	TR-32-A	TM-18	T-1281	TR-32	T-1282	TR-32-A	TM-68
	-13	1.185 (30.1)		1.160	29.4	1.275	32.3	T-883	TR-33	T-884	TR-33-A	TM-19	T-1283	TR-33	T-1284	TR-33-A	TM-69
	-14	1.209 (30.7)		1.179	29.9	1.294	32.8	T-885	TR-34	T-886	TR-34-A	TM-20	T-1285	TR-34	T-1286	TR-34-A	TM-70
	-15	1.231 (31.2)		1.206	30.6	1.321	33.5	T-887	TR-35	T-888	TR-35-A	TM-20	T-1287	TR-35	T-1288	TR-35-A	TM-70
1.1/2"-8	1.170 (29.7)		1.145	29.0	1.260	32.0	T-889	TR-34	T-890	TR-34-A	TM-19	T-1289	TR-34	T-1290	TR-34-A	TM-69	
	-9	1.204 (30.5)		1.177	29.9	1.294	32.8	T-885	TR-34	T-886	TR-34-A	TM-20	T-1285	TR-34	T-1286	TR-34-A	TM-70
	-10	1.232 (31.2)		1.206	30.6	1.321	33.5	T-887	TR-35	T-888	TR-35-A	TM-20	T-1287	TR-35	T-1288	TR-35-A	TM-70
	-11	1.260 (32.0)		1.235	31.3	1.350	34.2	T-891	TR-36	T-892	TR-36-A	TM-20	T-1291	TR-36	T-1292	TR-36-A	TM-70
	-12	1.282 (32.5)		1.257	31.9	1.372	34.8	T-893	TR-37	T-894	TR-37-A	TM-20	T-1293	TR-37	T-1294	TR-37-A	TM-70
	-13	1.310 (33.2)		1.285	32.6	1.400	35.5	T-895	TR-37	T-896	TR-37-A	TM-21	T-1295	TR-37	T-1296	TR-37-A	TM-71
	-14	1.334 (33.8)		1.285	32.6	1.400	35.5	T-895	TR-37	T-896	TR-37-A	TM-21	T-1295	TR-37	T-1296	TR-37-A	TM-71
	-15	1.356 (34.4)		1.331	33.8	1.446	36.7	T-897	TR-38	T-898	TR-38-A	TM-21	T-1297	TR-37	T-1298	TR-37-A	TM-71
	-16	1.370 (34.8)		1.331	33.8	1.446	36.7	T-897	TR-38	T-898	TR-38-A	TM-21	T-1297	TR-37	T-1298	TR-37-A	TM-71
	-17	1.384 (35.1)		1.331	33.8	1.472	37.3	T-899	TR-38	T-900	TR-38-A	TM-22	T-1299	TR-38	T-1300	TR-38-A	TM-72
	-18	1.402 (35.6)		1.331	33.8	1.472	37.3	T-899	TR-38	T-900	TR-38-A	TM-22	T-1299	TR-38	T-1300	TR-38-A	TM-72
	-19	1.416 (35.9)		1.331	33.8	1.472	37.3	T-899	TR-38	T-900	TR-38-A	TM-22	T-1299	TR-38	T-1300	TR-38-A	TM-72
-20	1.430 (36.3)		1.331	33.8	1.472	37.3	T-899	TR-38	T-900	TR-38-A	TM-22	T-1299	TR-38	T-1300	TR-38-A	TM-72	