



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)

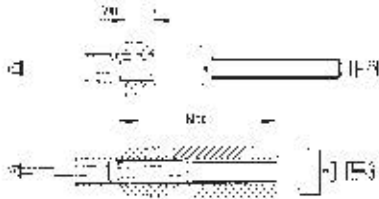
Tube O.D. BWG	Tube I.D.		Min I.D. Tube Tool Enters		Max Tool Expansion		800 Series Expander With				Mandrel Models	1200 Series Expander With				Mandrel Models
							1 1/2" (38 mm) rolls		2 1/4" (57.1 mm) rolls			1 1/2" (38 mm) rolls		2 1/4" (57.1 mm) rolls		
							Expander Model	Roll Set Model	Expander Model	Roll Set Model		Expander Model	Roll Set Model	Expander Model	Roll Set Model	
1 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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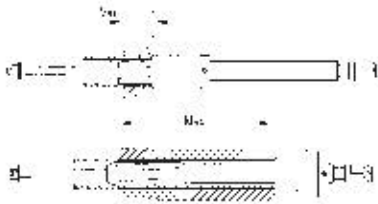


T800 Series Roller Length	Adjustable Range	
	Min.	Max.
1.12" (38.1mm)	1/2" (12.7mm)	1.1/2" (38.1mm)
2.1/4" (57.1mm)	1.1/4" (31.7mm)	2.1/4" (57.1mm)

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
							1.12" (38 mm) rolls		2.1/4" (57.1 mm) rolls			1.12" (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	
-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
1.18" -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
-9	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
1.14" -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
-9	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 Roller Length	Adjustable Range		
	Reach	Min.	Max.
1.12" (38.1mm)	Standard	1.12" (38.1mm)	8" (152.4 mm)
	A	1.12" (38.1mm)	8" (203.1 mm)
	B	1.12" (38.1mm)	10" (253.8 mm)
2.14" (57.1 mm)	Standard	2.14" (57.1mm)	1.12" (38.1mm)
	A	2.14" (57.1mm)	8.314" (222.1mm)
	B	2.14" (57.1mm)	10.314 (323.6 mm)

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

Tube O.D. BWG	Tube I.D.	Min LD. Tube Tool Enters		Max Tool Expansion		800 Series Expander With				Mandrel Models	1200 Series Expander With				Mandrel Models
						1.12" (38 mm) rolls		2.14" (57.1 mm) rolls			1.12" (38 mm) rolls		2.14" (57.1 mm) rolls		
						Expander	Roll Set	Expander	Roll Set		Expander	Roll Set	Expander	Roll Set	
						Model	Model	Model	Model		Model	Model	Model	Model	
1.14"-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	
1.38"-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	
	-16	1.245 (31.6)	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	
1.12"-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		