



TUBE EXPANDERS

800 SERIES



- Range covers tube sizes from 12.7mm (1/2") OD. Up to 38.1mm (1 1/2") OD.
- Available with 38.1mm (1 1/2") or 57.1mm (2 1/4") Roll lengths for tube sheet thickness from 12.7mm (1/2") to 57.1mm (2 1/4").
- Each expander features a reversible collar, flush one side, recessed by 3.2mm (1/8") on the reverse side.
- Totally interchangeable with Airetool, Wicksteed and Teco 800 expanders. 5 roll expanders also available.

TUBE OD. & BWG.	EXPANSION RANGE (ID)				38.1 mm 1 1/2" ROLLS		57.1mm 2 1/4" ROLLS		MANDREL 9.5mm (3/8") Square Drive		
	Min	mm	Max	Min	Inch	Max	Expander	Roll Set		Expander	Roll set
1/2" 12.7mm	14	8.23	9.50	.324	.374		TR-797	TRR-797	-	-	TRM-797
	15	8.86	10.11	.349	.398		TR-799	TRR-1	-	-	TRM-799
	16	9.14	10.41	.360	.410		TR-801	TRR-1	-	-	TRM-1
	17	9.50	10.77	.374	.424		TR-803	TRR-2	-	-	TRM-1
	18	9.96	11.35	.392	.447		TR-805	TRR-3	-	-	TRM-2
5/8" 15.88mm	12	9.96	11.35	.392	.447		TR-805	TRR-3	-	-	TRM-2
	13	10.79	12.19	.425	.480		TR-807	TRR-4	-	-	TRM-3
	14	11.40	12.73	.499	.509		TR-809	TRR-4	TR-810	TRR-4-A	TRM-4
	15	11.96	13.61	.471	.536		TR-811	TRR-5	TR-812	TRR-5-A	TRM-5
	16	12.32	13.97	.485	.550		TR-813	TRR-6	TR-814	TRR-6-A	TRM-5
	17	12.67	14.32	.499	.564		TR-815	TRR-6	TR-816	TRR-6-A	TRM-6
	18	13.13	14.53	.517	.572		TR-817	TRR-7	TR-818	TRR-7-A	TRM-7
3/4" 19.05mm	10	11.96	13.61	.471	.536		TR-811	TRR-5	TR-812	TRR-5-A	TRM-5
	11	12.67	14.32	.499	.564		TR-815	TRR-6	TR-816	TRR-6-A	TRM-6
	12	13.26	14.78	.522	.582		TR-819	TRR-7	TR-820	TRR-7-A	TRM-6
	13	13.97	15.62	.550	.615		TR-821	TRR-8	TR-822	TRR-8-A	TRM-8
	14	14.58	16.23	.574	.639		TR-823	TRR-9	TR-824	TRR-9-A	TRM-8
	15	15.14	16.79	.596	.661		TR-825	TRR-10	TR-826	TRR-10-A	TRM-8
	16	15.37	17.40	.605	.685		TR-827	TRR-10	TR-828	TRR-10-A	TRM-9
	17	15.72	17.75	.619	.699		TR-829	TRR-11	TR-830	TRR-11-A	TRM-9
	18	15.72	17.75	.619	.699		TR-829	TRR-11	TR-830	TRR-11-A	TRM-9
7/8" 22.23mm	10	15.14	16.79	.596	.661		TR-825	TRR-10	TR-826	TRR-10-A	TRM-8
	11	15.72	17.75	.619	.699		TR-829	TRR-11	TR-830	TRR-11-A	TRM-9
	12	16.31	18.34	.642	.722		TR-831	TRR-12	TR-832	TRR-12-A	TRM-9
	13	17.02	19.05	.670	.750		TR-833	TRR-13	TR-834	TRR-13-A	TRM-10
	14	17.40	19.66	.685	.774		TR-835	TRR-14	TR-836	TRR-14-A	TRM-11
	15	18.08	20.34	.712	.801		TR-837	TRR-15	TR-838	TRR-15-A	TRM-11
	16	18.44	20.70	.726	.815		TR-839	TRR-15	TR-840	TRR-15-A	TRM-12
	17	18.80	21.06	.740	.829		TR-843	TRR-16	TR-844	TRR-16-A	TRM-12
	18	18.80	21.06	.740	.829		TR-843	TRR-16	TR-844	TRR-16-A	TRM-12
1" 25.4mm	08	16.64	18.67	.655	.735		TR-841	TRR-13	TR-842	TRR-13-A	TRM-9
	09	17.40	19.66	.685	.774		TR-835	TRR-14	TR-836	TRR-14-A	TRM-11
	10	18.08	20.34	.712	.801		TR-837	TRR-15	TR-838	TRR-15-A	TRM-11
	11	18.80	21.06	.740	.829		TR-843	TRR-16	TR-844	TRR-16-A	TRM-12
	12	19.38	21.64	.763	.852		TR-845	TRR-17	TR-846	TRR-17-A	TRM-12
	13	20.09	22.35	.791	.880		TR-847	TRR-18	TR-848	TRR-18-A	TRM-12
	14	20.57	23.09	.810	.909		TR-849	TRR-18	TR-850	TRR-18-A	TRM-13
	15	21.26	23.77	.837	.936		TR-851	TRR-19	TR-852	TRR-19-A	TRM-13
	16	21.26	23.77	.837	.936		TR-851	TRR-19	TR-852	TRR-19-A	TRM-13
	17	21.97	24.48	.865	.964		TR-855	TRR-21	TR-856	TRR-21-A	TRM-13
	18-20	21.97	24.48	.865	.964		TR-855	TRR-21	TR-856	TRR-21-A	TRM-13



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TUBE OD. & BWG.	EXPANSION RANGE (ID)				38.1 mm 1 1/2" ROLLS		57.1mm 2 1/4" ROLLS		MANDREL 9.5mm (3/8") Square Drive	
	Min	mm Max	Min Inch	Max	Expander	Roll Set	Expander	Roll set		
1 1/8" 28.58mm	08	19.71	22.22	.766	.875	TR-853	TRR-20	TR-854	TRR-20-A	TRM-13
	09	20.57	23.09	.810	.909	TR-849	TRR-18	TR-850	TRR-18-A	TRM-13
	10	21.26	23.77	.837	.936	TR-851	TRR-19	TR-852	TRR-19-A	TRM-13
	11	21.97	24.48	.865	.964	TR-855	TRR-21	TR-856	TRR-21-A	TRM-13
	12	22.43	24.94	.883	.982	TR-857	TRR-21	TR-858	TRR-21-A	TRM-14
	13	23.27	25.78	.916	1.015	TR-859	TRR-22	TR-860	TRR-22-A	TRM-14
	Expanders from this size onward use a 12.7mm (1/2") Square Drive.									MANDREL 12.7mm (1/2") Square Drive
1 1/8" 31.75mm	14	23.75	26.52	.835	1.044	TR-861	TRR-23	TR-862	TRR-23-A	TRM-15
	15	24.43	27.20	.962	1.071	TR-863	TRR-24	TR-864	TRR-24-A	TRM-15
	16	24.43	27.20	.962	1.071	TR-863	TRR-24	TR-864	TRR-24-A	TRM-15
	17	25.15	27.91	.990	1.099	TR-867	TRR-26	TR-868	TRR-26-A	TRM-16
	18	25.15	27.91	.990	1.099	TR-867	TRR-26	TR-868	TRR-26-A	TRM-16
	1 1/4" 31.75mm	08	22.88	26.65	.901	1.010	TR-865	TRR-25	TR-866	TRR-25-A
09		23.75	26.52	.935	1.044	TR-861	TRR-23	TR-862	TRR-23-A	TRM-15
10		24.43	27.20	.962	1.071	TR-863	TRR-24	TR-864	TRR-24-A	TRM-15
11		25.15	27.91	.990	1.099	TR-867	TRR-26	TR-868	TRR-26-A	TRM-16
12		25.73	28.50	1.013	1.122	TR-869	TRR-27	TR-870	TRR-27-A	TRM-16
13		26.44	29.21	1.041	1.150	TR-871	TRR-28	TR-872	TRR-28-A	TRM-17
14		26.92	29.69	1.060	1.169	TR-873	TRR-29	TR-874	TRR-29-A	TRM-17
15		27.61	30.38	1.087	1.196	TR-875	TRR-30	TR-876	TRR-30-A	TRM-17
16		27.61	30.38	1.087	1.196	TR-875	TRR-30	TR-876	TRR-30-A	TRM-17
17		28.32	31.09	1.115	1.224	TR-879	TRR-30	TR-880	TRR-30-A	TRM-18
18	28.32	31.09	1.115	1.224	TR-879	TRR-30	TR-880	TRR-30-A	TRM-18	
1 3/8" 34.90mm	08	26.06	28.83	1.026	1.135	TR-877	TRR-31	TR-878	TRR-31-A	TRM-17
	09	26.92	29.69	1.060	1.169	TR-873	TRR-29	TR-874	TRR-29-A	TRM-17
	10	27.61	30.38	1.087	1.196	TR-875	TRR-30	TR-876	TRR-30-A	TRM-17
	11	28.32	31.09	1.115	1.224	TR-879	TRR-30	TR-880	TRR-30-A	TRM-18
	12	28.78	31.55	1.133	1.242	TR-881	TRR-32	TR-882	TRR-32-A	TRM-18
	13	29.46	32.38	1.160	1.275	TR-883	TRR-33	TR-884	TRR-33-A	TRM-19
	14	29.95	32.87	1.179	1.294	TR-885	TRR-34	TR-886	TRR-34-A	TRM-20
	15	30.63	33.55	1.206	1.321	TR-887	TRR-35	TR-888	TRR-35-A	TRM-20
16	30.63	33.55	1.206	1.321	TR-887	TRR-35	TR-888	TRR-35-A	TRM-20	
1 1/2" 38.10mm	08	29.08	32.00	1.145	1.260	TR-889	TRR-34	TR-890	TRR-34-A	TRM-19
	09	29.95	32.87	1.179	1.294	TR-885	TRR-34	TR-886	TRR-34-A	TRM-20
	10	30.63	33.55	1.206	1.321	TR-887	TRR-35	TR-888	TRR-35-A	TRM-20
	11	31.37	34.29	1.235	1.350	TR-891	TRR-36	TR-892	TRR-36-A	TRM-20
	12	31.93	34.85	1.257	1.372	TR-893	TRR-37	TR-894	TRR-37-A	TRM-20
	13	32.64	35.56	1.285	1.400	TR-895	TRR-37	TR-896	TRR-37-A	TRM-21
	14	32.64	35.56	1.285	1.400	TR-895	TRR-37	TR-896	TRR-37-A	TRM-21
15	33.81	36.73	1.331	1.446	TR-897	TRR-38	TR-898	TRR-38-A	TRM-21	

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