

TUBE EXPANDERS

800 SERIES



- ▶ Product range covers tube sizes from **12.7mm (1/2") OD. to 38.1mm (1 1/2") OD.**
- ▶ Available with **38.1mm (1 1/2") or 57.1mm (2 1/4") rollers.**
- ▶ 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 on request.

	TUBE GAUGE		TUBE I. D.		MIN. EXPANSION		MAX. EXPANSION		TUBE SHEET THICKNESS				MANDREL	MANDREL SQUARE				
									1/2" to 1-1/2"		1-1/4" to 2-1/4"				Tool No.	Roll No.	Tool No.	Roll No.
									12,7 to 38,1 mm		31,7 to 57,1mm							
	[bwg]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	Tool No.	Roll No.	Tool No.	Roll No.	[inch]				
1/2"	14	0,083	2,11	0,334	8,48	0,324	8,23	0,374	9,50	TR797	TR797	-	-	TR797	3/8"			
	15	0,072	1,83	0,356	9,04	0,348	8,84	0,398	10,11	TR799	TRR-1	-	-	TR799	3/8"			
12,7mm	16	0,065	1,65	0,370	9,40	0,36	9,14	0,410	10,41	TR801	TRR-1	-	-	TRM-1	3/8"			
	17	0,058	1,47	0,384	9,75	0,374	9,50	0,424	10,77	TR803	TRR-2	-	-	TRM-1	3/8"			
	18	0,049	1,24	0,402	10,21	0,392	9,96	0,447	11,35	TR805	TRR-3	-	-	TRM-2	3/8"			
5/8"	12	0,109	2,77	0,407	10,34	0,392	9,96	0,447	11,35	TR805	TRR-3	-	-	TRM-2	3/8"			
	13	0,095	2,41	0,435	11,05	0,425	10,80	0,480	12,19	TR807	TRR-4	-	-	TRM-3	3/8"			
	14	0,083	2,11	0,459	11,66	0,449	11,40	0,509	12,93	TR809	TRR-4	TR810	TRR-4-A	TRM-4	3/8"			
	15	0,072	1,83	0,481	12,22	0,471	11,96	0,536	13,61	TR811	TRR-5	TR812	TRR-5-A	TRM-5	3/8"			
	16	0,065	1,65	0,495	12,57	0,485	12,32	0,550	13,97	TR813	TRR-6	TR814	TRR-6-A	TRM-5	3/8"			
	17	0,058	1,47	0,509	12,93	0,499	12,67	0,564	14,33	TR815	TRR-6	TR816	TRR-6-A	TRM-6	3/8"			
	18	0,049	1,24	0,527	13,39	0,517	13,13	0,572	14,53	TR817	TRR-7	TR818	TRR-7-A	TRM-7	3/8"			
	19	0,042	1,07	0,541	13,74	0,522	13,26	0,582	14,78	TR819	TRR-7	TR820	TRR-7-A	TRM-6	3/8"			
	20	0,035	0,89	0,555	14,10	0,536	13,61	0,596	15,14	TR819	TRR-7	TR820	TRR-7-A	TRM-8	3/8"			
	21	0,032	0,81	0,561	14,25	0,536	13,61	0,596	15,14	TR819	TRR-7	TR820	TRR-7-A	TRM-8	3/8"			
19mm	22	0,028	0,71	0,569	14,45	0,536	13,61	0,596	15,14	TR819	TRR-7	TR820	TRR-7-A	TRM-8	3/8"			
	10	0,134	3,40	0,482	12,24	0,471	11,96	0,536	13,61	TR811	TRR-5	TR812	TRR-5-A	TRM-5	3/8"			
	11	0,120	3,05	0,510	12,95	0,499	12,67	0,564	14,33	TR815	TRR-6	TR816	TRR-6-A	TRM-6	3/8"			
	12	0,109	2,77	0,532	13,51	0,522	13,26	0,582	14,78	TR819	TRR-7	TR820	TRR-7-A	TRM-6	3/8"			
	13	0,095	2,41	0,560	14,22	0,550	13,97	0,615	15,62	TR821	TRR-8	TR822	TRR-8-A	TRM-8	3/8"			
	14	0,083	2,11	0,584	14,83	0,574	14,58	0,639	16,23	TR823	TRR-9	TR824	TRR-9-A	TRM-8	3/8"			
	15	0,072	1,83	0,606	15,39	0,596	15,14	0,661	16,79	TR825	TRR-10	TR826	TRR-10-A	TRM-8	3/8"			
	16	0,065	1,65	0,620	15,75	0,605	15,37	0,685	17,40	TR827	TRR-10	TR828	TRR-10-A	TRM-9	3/8"			
	17	0,058	1,47	0,634	16,10	0,619	15,72	0,699	17,75	TR829	TRR-11	TR830	TRR-11-A	TRM-9	3/8"			
	18	0,049	1,24	0,652	16,56	0,619	15,72	0,699	17,75	TR829	TRR-11	TR830	TRR-11-A	TRM-9	3/8"			
	19	0,042	1,07	0,666	16,92	0,642	16,31	0,722	18,34	TR831	TRR-12	TR832	TRR-12-A	TRM-9	3/8"			
	20	0,035	0,89	0,680	17,27	0,642	16,31	0,722	18,34	TR831	TRR-12	TR832	TRR-12-A	TRM-9	3/8"			
7/8"	21	0,032	0,81	0,686	17,42	0,642	16,31	0,722	18,34	TR831	TRR-12	TR832	TRR-12-A	TRM-9	3/8"			
	22	0,028	0,71	0,694	17,63	0,642	16,31	0,722	18,34	TR831	TRR-12	TR832	TRR-12-A	TRM-9	3/8"			
	10	0,134	3,40	0,607	15,42	0,596	15,14	0,661	16,79	TR825	TRR-10	TR826	TRR-10-A	TRM-8	3/8"			
	11	0,120	3,05	0,635	16,13	0,619	15,72	0,699	17,75	TR829	TRR-11	TR830	TRR-11-A	TRM-9	3/8"			
	12	0,109	2,77	0,657	16,69	0,642	16,31	0,722	18,34	TR831	TRR-12	TR832	TRR-12-A	TRM-9	3/8"			
	13	0,095	2,41	0,685	17,40	0,670	17,02	0,750	19,05	TR833	TRR-13	TR834	TRR-13-A	TRM-10	3/8"			
	14	0,083	2,11	0,709	18,01	0,685	17,40	0,774	19,66	TR835	TRR-14	TR836	TRR-14-A	TRM-11	3/8"			
	15	0,072	1,83	0,731	18,57	0,712	18,08	0,801	20,35	TR837	TRR-15	TR838	TRR-15-A	TRM-11	3/8"			
22,2mm	16	0,065	1,65	0,745	18,92	0,726	18,44	0,815	20,70	TR839	TRR-15	TR840	TRR-15-A	TRM-12	3/8"			
	17	0,058	1,47	0,759	19,28	0,740	18,80	0,829	21,06	TR843	TRR-16	TR844	TRR-16-A	TRM-12	3/8"			
	18	0,049	1,24	0,777	19,74	0,740	18,80	0,829	21,06	TR843	TRR-16	TR844	TRR-16-A	TRM-12	3/8"			



	TUBE GAUGE		TUBE I. D.		MIN. EXPANSION		MAX. EXPANSION		TUBE SHEET THICKNESS				MANDREL	MANDREL SQUARE		
									1/2" to 1-1/2"		1-1/4" to 2-1/4"					
									12,7 to 38,1 mm		31,7 to 57,1mm					
	[bwg]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	Tool No.	Roll No.	Tool No.	Roll No.		[inch]	
1"	25,4mm	8	0,165	4,19	0,670	17,02	0,655	16,64	0,735	18,67	TR841	TRR-13	TR842	TRR-13-A	TRM-9	3/8"
		9	0,148	3,76	0,704	17,88	0,685	17,40	0,774	19,66	TR835	TRR-14	TR836	TRR-14-A	TRM-11	3/8"
		10	0,134	3,40	0,732	18,59	0,712	18,08	0,801	20,35	TR837	TRR-15	TR838	TRR-15-A	TRM-11	3/8"
		11	0,120	3,05	0,760	19,30	0,740	18,80	0,829	21,06	TR843	TRR-16	TR844	TRR-16-A	TRM-12	3/8"
		12	0,109	2,77	0,782	19,86	0,763	19,38	0,852	21,64	TR845	TRR-17	TR846	TRR-17-A	TRM-12	3/8"
		13	0,095	2,41	0,810	20,57	0,791	20,09	0,880	22,35	TR847	TRR-18	TR848	TRR-18-A	TRM-12	3/8"
		14	0,083	2,11	0,834	21,18	0,810	20,57	0,909	23,09	TR849	TRR-18	TR850	TRR-18-A	TRM-13	3/8"
		15	0,072	1,83	0,856	21,74	0,837	21,26	0,936	23,77	TR851	TRR-19	TR852	TRR-19-A	TRM-13	3/8"
		16	0,065	1,65	0,870	22,10	0,837	21,26	0,936	23,77	TR851	TRR-19	TR852	TRR-19-A	TRM-13	3/8"
		17	0,058	1,47	0,884	22,45	0,865	21,97	0,964	24,49	TR855	TRR-21	TR856	TRR-21-A	TRM-13	3/8"
1-1/8"	28,5mm	8	0,165	4,19	0,795	20,19	0,776	19,71	0,875	22,23	TR853	TRR-20	TR854	TRR-20-A	TRM-13	3/8"
		9	0,148	3,76	0,829	21,06	0,810	20,57	0,909	23,09	TR849	TRR-18	TR850	TRR-18-A	TRM-13	3/8"
		10	0,134	3,40	0,857	21,77	0,837	21,26	0,936	23,77	TR851	TRR-19	TR852	TRR-19-A	TRM-13	3/8"
		11	0,120	3,05	0,885	22,48	0,865	21,97	0,964	24,49	TR855	TRR-21	TR856	TRR-21-A	TRM-13	3/8"
		12	0,109	2,77	0,907	23,04	0,883	22,43	0,982	24,94	TR857	TRR-21	TR858	TRR-21-A	TRM-14	1/2"
		13	0,095	2,41	0,935	23,75	0,916	23,27	1,015	25,78	TR859	TRR-22	TR860	TRR-22-A	TRM-14	1/2"
		14	0,083	2,11	0,959	24,36	0,935	23,75	1,044	26,52	TR861	TRR-23	TR862	TRR-23-A	TRM-15	1/2"
		15	0,072	1,83	0,981	24,92	0,962	24,43	1,071	27,20	TR863	TRR-24	TR864	TRR-24-A	TRM-15	1/2"
		16	0,065	1,65	0,995	25,27	0,962	24,43	1,071	27,20	TR863	TRR-24	TR864	TRR-24-A	TRM-15	1/2"
		17	0,058	1,47	1,009	25,63	0,990	25,15	1,099	27,91	TR867	TRR-26	TR868	TRR-26-A	TRM-16	1/2"
1-1/4"	31,7mm	8	0,165	4,19	0,92	23,37	0,901	22,89	1,010	25,65	TR865	TRR-25	TR866	TRR-25-A	TRM-15	1/2"
		9	0,148	3,76	0,954	24,23	0,935	23,75	1,044	26,52	TR861	TRR-23	TR862	TRR-23-A	TRM-15	1/2"
		10	0,134	3,40	0,982	24,94	0,962	24,43	1,071	27,20	TR863	TRR-24	TR864	TRR-24-A	TRM-15	1/2"
		11	0,120	3,05	1,010	25,65	0,990	25,15	1,099	27,91	TR867	TRR-26	TR868	TRR-26-A	TRM-16	1/2"
		12	0,109	2,77	1,032	26,21	1,013	25,73	1,122	28,50	TR869	TRR-27	TR870	TRR-27-A	TRM-16	1/2"
		13	0,095	2,41	1,060	26,92	1,041	26,44	1,150	29,21	TR871	TRR-28	TR872	TRR-28-A	TRM-17	1/2"
		14	0,083	2,11	1,084	27,53	1,060	26,92	1,169	29,69	TR873	TRR-29	TR874	TRR-29-A	TRM-17	1/2"
		15	0,072	1,83	1,106	28,09	1,087	27,61	1,196	30,38	TR875	TRR-30	TR876	TRR-30-A	TRM-17	1/2"
		16	0,065	1,65	1,12	28,45	1,087	27,61	1,196	30,38	TR875	TRR-30	TR876	TRR-30-A	TRM-17	1/2"
		17	0,058	1,47	1,134	28,80	1,115	28,32	1,224	31,09	TR879	TRR-30	TR880	TRR-30-A	TRM-18	1/2"
1-3/8"	34,9mm	8	0,165	4,19	1,045	26,54	1,026	26,06	1,135	28,83	TR877	TRR-31	TR878	TRR-31-A	TRM-17	1/2"
		9	0,148	3,76	1,079	27,41	1,060	26,92	1,169	29,69	TR873	TRR-29	TR874	TRR-29-A	TRM-17	1/2"
		10	0,134	3,40	1,107	28,12	1,087	27,61	1,196	30,38	TR875	TRR-30	TR876	TRR-30-A	TRM-17	1/2"
		11	0,120	3,05	1,135	28,83	1,115	28,32	1,224	31,09	TR879	TRR-30	TR880	TRR-30-A	TRM-18	1/2"
		12	0,109	2,77	1,157	29,39	1,133	28,78	1,242	31,55	TR881	TRR-32	TR882	TRR-32-A	TRM-18	1/2"
		13	0,095	2,41	1,185	30,10	1,160	29,46	1,275	32,39	TR883	TRR-33	TR884	TRR-33-A	TRM-19	1/2"
		14	0,083	2,11	1,209	30,71	1,179	29,95	1,294	32,87	TR885	TRR-34	TR886	TRR-34-A	TRM-20	1/2"
		15	0,072	1,83	1,231	31,27	1,206	30,63	1,321	33,55	TR887	TRR-35	TR888	TRR-35-A	TRM-20	1/2"
1-1/2"	38,1mm	8	0,165	4,19	1,170	29,72	1,145	29,08	1,260	32,00	TR889	TRR-34	TR890	TRR-34-A	TRM-19	1/2"
		9	0,148	3,76	1,204	30,58	1,145	29,08	1,294	32,87	TR885	TRR-34	TR886	TRR-34-A	TRM-20	1/2"
		10	0,134	3,40	1,232	31,29	1,206	30,63	1,321	33,55	TR887	TRR-35	TR888	TRR-35-A	TRM-20	1/2"
		11	0,120	3,05	1,260	32,00	1,235	31,37	1,350	34,29	TR891	TRR-36	TR892	TRR-36-A	TRM-20	1/2"
		12	0,109	2,77	1,282	32,56	1,257	31,93	1,372	34,85	TR893	TRR-37	TR894	TRR-37-A	TRM-20	1/2"
		13	0,095	2,41	1,310	33,27	1,285	32,64	1,400	35,56	TR895	TRR-37	TR896	TRR-37-A	TRM-21	1/2"
		14	0,083	2,11	1,334	33,88	1,285	32,64	1,400	35,56	TR895	TRR-37	TR896	TRR-37-A	TRM-21	1/2"
		15	0,072	1,83	1,356	34,44	1,331	33,81	1,446	36,73	TR897	TRR-38	TR898	TRR-38-A	TRM-21	1/2"
		16	0,065	1,65	1,370	34,80	1,331	33,81	1,446	36,73	TR897	TRR-38	TR898	TRR-38-A	TRM-21	1/2"
		17	0,058	1,47	1,384	35,15	1,331	33,81	1,472	37,39	TR899	TRR-38	TR900	TRR-38-A	TRM-22	1/2"
		18	0,049	1,24	1,402	35,61	1,331	33,81	1,472	37,39	TR899	TRR-38	TR900	TRR-38-A	TRM-22	1/2"
		19	0,042	1,07	1,416	35,97	1,331	33,81	1,472	37,39	TR899	TRR-38	TR900	TRR-38-A	TRM-22	1/2"
20	0,035	0,89	1,430	36,32	1,331	33,81	1,472	37,39	TR899	TRR-38	TR900	TRR-38-A	TRM-22	1/2"		

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