

TUBE EXPANDERS

1200 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 152.4mm (6").** Extended reach expanders are available.
- ▶ 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.

Rolls	Reach	Tube Sheet Thickness	
		(Inch)	(mm)
1-1/2"	STD	1-1/2" - 6"	38.1 - 152.4
	A	1-1/2" - 8"	38.1 - 203.2
	B	1-1/2" - 10"	38.1 - 254.0
38.1mm	C	1-1/2" - 12"	38.1 - 304.8
	STD	2-1/4" - 6-3/4"	57.1 - 171.4
	A	2-1/4" - 8-3/4"	57.1 - 222.2
2-1/4"	B	2-1/4" - 10-3/4"	57.1 - 273.0
	C	2-1/4" - 12-3/4"	57.1 - 323.8

TUBE GAUGE										TUBE SHEET THICKNESS				MANDREL	MANDREL SQUARE
										1/2" to 6"		2-1/4" to 6-3/4"			
										38.1 to 152.4 mm		57,1 to 171,4 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	TR1197	TR797	—	—	TR1197	3/8"
	15	0,072	1,83	0,356	9,04	0,348	8,84	0,398	10,11	TR1199	TRR-1	—	—	TR1199	3/8"
	16	0,065	1,65	0,370	9,40	0,36	9,14	0,41	10,41	TR1201	TRR-1	—	—	TRM-51	3/8"
	17	0,058	1,47	0,384	9,75	0,374	9,50	0,424	10,77	TR1203	TRR-2	—	—	TRM-51	3/8"
	18	0,049	1,24	0,402	10,21	0,392	9,96	0,447	11,35	TR1205	TRR-3	—	—	TRM-52	3/8"
5/8"	12	0,109	2,77	0,407	10,34	0,392	9,96	0,447	11,35	TR1205	TRR-3	—	—	TRM-52	3/8"
	13	0,095	2,41	0,435	11,05	0,425	10,80	0,480	12,19	TR1207	TRR-4	—	—	TRM-53	3/8"
	14	0,083	2,11	0,459	11,66	0,449	11,40	0,509	12,93	TR1209	TRR-4	TR1210	TRR-4-A	TRM-54	3/8"
	15	0,072	1,83	0,481	12,22	0,471	11,96	0,536	13,61	TR1211	TRR-5	TR1212	TRR-5 A	TRM-55	3/8"
	16	0,065	1,65	0,495	12,57	0,485	12,32	0,550	13,97	TR1213	TRR-6	TR1214	TRR-6 A	TRM-55	3/8"
15,8mm	17	0,058	1,47	0,509	12,93	0,499	12,67	0,564	14,33	TR1215	TRR-6	TR1216	TRR-6 A	TRM-56	3/8"
	18	0,049	1,24	0,527	13,39	0,517	13,13	0,572	14,53	TR1217	TRR-7	TR1218	TRR-7-A	TRM-57	3/8"
	10	0,134	3,40	0,482	12,24	0,471	11,96	0,536	13,61	TR1211	TRR-5	TR1212	TRR-5-A	TRM-55	3/8"
	11	0,120	3,05	0,510	12,95	0,499	12,67	0,564	14,33	TR1215	TRR-6	TR1216	TRR-6-A	TRM-56	3/8"
	12	0,109	2,77	0,532	13,51	0,522	13,26	0,582	14,78	TR1219	TRR-7	TR1220	TRR-7-A	TRM-56	3/8"
3/4"	13	0,095	2,41	0,560	14,22	0,55	13,97	0,615	15,62	TR1221	TRR-8	TR1222	TRR-8-A	TRM-58	3/8"
	14	0,083	2,11	0,584	14,83	0,574	14,58	0,639	16,23	TR1223	TRR-9	TR1224	TRR-9-A	TRM-58	3/8"
	15	0,072	1,83	0,606	15,39	0,596	15,14	0,661	16,79	TR1225	TRR-10	TR1226	TRR-10-A	TRM-58	3/8"
	16	0,065	1,65	0,620	15,75	0,605	15,37	0,685	17,40	TR1227	TRR-10	TR1228	TRR-10-A	TRM-59	3/8"
	17	0,058	1,47	0,634	16,10	0,619	15,72	0,699	17,75	TR1229	TRR-11	TR1230	TRR-11 -A	TRM-59	3/8"
19mm	18	0,049	1,24	0,652	16,56	0,619	15,72	0,699	17,75	TR1229	TRR-11	TR1230	TRR-11 -A	TRM-59	3/8"
	19	0,042	1,07	0,666	16,92	0,642	16,31	0,722	18,34	TR1231	TRR-12	TR1232	TRR-12-A	TRM-59	3/8"
	20	0,035	0,89	0,680	17,27	0,642	16,31	0,722	18,34	TR1231	TRR-12	TR1232	TRR-12-A	TRM-59	3/8"
	21	0,032	0,81	0,686	17,42	0,642	16,31	0,722	18,34	TR1231	TRR-12	TR1232	TRR-12-A	TRM-59	3/8"
	22	0,028	0,71	0,694	17,63	0,642	16,31	0,722	18,34	TR1231	TRR-12	TR1232	TRR-12-A	TRM-59	3/8"
7/8"	10	0,134	3,40	0,607	15,42	0,596	15,14	0,661	16,79	TR1225	TRR-10	TR1226	TRR-10-A	TRM-58	3/8"
	11	0,120	3,05	0,635	16,13	0,619	15,72	0,699	17,75	TR1229	TRR-11	TR1230	TRR-11 -A	TRM-59	3/8"
	12	0,109	2,77	0,657	16,69	0,642	16,31	0,722	18,34	TR1231	TRR-12	TR1232	TRR-12-A	TRM-59	3/8"
	13	0,095	2,41	0,685	17,40	0,67	17,02	0,750	19,05	TR1233	TRR-13	TR1234	TRR-13-A	TRM-60	3/8"
	14	0,083	2,11	0,709	18,01	0,685	17,40	0,774	19,66	TR1235	TRR-14	TR1236	TRR-14-A	TRM-61	3/8"
22,2mm	15	0,072	1,83	0,731	18,57	0,712	18,08	0,801	20,35	TR1237	TRR-15	TR1238	TRR-15-A	TRM-61	3/8"
	16	0,065	1,65	0,745	18,92	0,726	18,44	0,815	20,70	TR1239	TRR-15	TR1240	TRR-15-A	TRM-62	3/8"
	17	0,058	1,47	0,759	19,28	0,740	18,80	0,829	21,06	TR1243	TRR-16	TR1244	TRR-16-A	TRM-62	3/8"
	18	0,049	1,24	0,777	19,74	0,740	18,80	0,829	21,06	TR1243	TRR-16	TR1244	TRR-16-A	TRM-62	3/8"

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TUBE GAUGE										TUBE I. D.				MIN. EXPANSION		MAX. EXPANSION		TUBE SHEET THICKNESS				MANDREL	MANDREL SQUARE
										1/2" to 6"		2-1/4" to 6-3/4"											
										38.1 to 152.4 mm		57,1 to 171.4mm											
	[bwg]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	Tool No.	Roll No.	Tool No.	Roll No.			[inch]							
1"	8	0,165	4,19	0,670	17,02	0,655	16,64	0,735	18,67	TR1241	TRR-13	TR1242	TRR-13-A	TRM-59		3/8"							
	9	0,148	3,76	0,704	17,88	0,685	17,40	0,774	19,66	TR1235	TRR-14	TR1236	TRR-14-A	TRM-61		3/8"							
	10	0,134	3,40	0,732	18,59	0,712	18,08	0,801	20,35	TR1237	TRR-15	TR1238	TRR-15-A	TRM-61		3/8"							
	11	0,120	3,05	0,760	19,30	0,740	18,80	0,829	21,06	TR1243	TRR-16	TR1244	TRR-16-A	TRM-62		3/8"							
	12	0,109	2,77	0,782	19,86	0,763	19,38	0,852	21,64	TR1245	TRR-17	TR1246	TRR-17-A	TRM-62		3/8"							
	13	0,095	2,41	0,810	20,57	0,791	20,09	0,880	22,35	TR1247	TRR-18	TR1248	TRR-18-A	TRM-62		3/8"							
	14	0,083	2,11	0,834	21,18	0,810	20,57	0,909	23,09	TR1249	TRR-18	TR1250	TRR-18-A	TRM-63		3/8"							
	15	0,072	1,83	0,856	21,74	0,837	21,26	0,936	23,77	TR1251	TRR-19	TR1252	TRR-19-A	TRM-63		3/8"							
	16	0,065	1,65	0,870	22,10	0,837	21,26	0,936	23,77	TR1251	TRR-19	TR1252	TRR-19-A	TRM-63		3/8"							
	17	0,058	1,47	0,884	22,45	0,865	21,97	0,964	24,49	TR1255	TRR-21	TR1256	TRR-21-A	TRM-63		3/8"							
	18	0,049	1,24	0,902	22,91	0,865	21,97	0,964	24,49	TR1255	TRR-21	TR1256	TRR-21-A	TRM-63		3/8"							
	19	0,042	1,07	0,916	23,27	0,865	21,97	0,964	24,49	TR1255	TRR-21	TR1256	TRR-21-A	TRM-63		3/8"							
25,4mm	20	0,035	0,89	0,930	23,62	0,865	21,97	0,964	24,49	TR1255	TRR-21	TR1256	TRR-21-A	TRM-63		3/8"							
	8	0,165	4,19	0,795	20,19	0,776	19,71	0,875	22,23	TR1253	TRR-20	TR1254	TRR-20-A	TRM-63		3/8"							
	9	0,148	3,76	0,829	21,06	0,810	20,57	0,909	23,09	TR1249	TRR-18	TR1250	TRR-18-A	TRM-63		3/8"							
	10	0,134	3,40	0,857	21,77	0,837	21,26	0,936	23,77	TR1251	TRR-19	TR1252	TRR-19-A	TRM-63		3/8"							
	11	0,120	3,05	0,885	22,48	0,865	21,97	0,964	24,49	TR1255	TRR-21	TR1256	TRR-21-A	TRM-63		3/8"							
	12	0,109	2,77	0,907	23,04	0,883	22,43	0,982	24,94	TR1257	TRR-21	TR1258	TRR-21-A	TRM-64		1/2"							
	13	0,095	2,41	0,935	23,75	0,916	23,27	1,015	25,78	TR1259	TRR-22	TR1260	TRR-22-A	TRM-64		1/2"							
	14	0,083	2,11	0,959	24,36	0,935	23,75	1,044	26,52	TR1261	TRR-23	TR1262	TRR-23-A	TRM-65		1/2"							
	15	0,072	1,83	0,981	24,92	0,962	24,43	1,071	27,20	TR1263	TRR-24	TR1264	TRR-24-A	TRM-65		1/2"							
	16	0,065	1,65	0,995	25,27	0,962	24,43	1,071	27,20	TR1263	TRR-24	TR1264	TRR-24-A	TRM-65		1/2"							
	17	0,058	1,47	1,009	25,63	0,990	25,15	1,099	27,91	TR1267	TRR-26	TR1268	TRR-26-A	TRM-66		1/2"							
	18	0,049	1,24	1,027	26,09	0,990	25,15	1,099	27,91	TR1267	TRR-26	TR1268	TRR-26-A	TRM-66		1/2"							
1-1/8"	8	0,165	4,19	0,92	23,37	0,901	22,89	1,010	25,65	TR1265	TRR-25	TR1266	TRR-25-A	TRM-65		1/2"							
	9	0,148	3,76	0,954	24,23	0,935	23,75	1,044	26,52	TR1261	TRR-23	TR1262	TRR-23-A	TRM-65		1/2"							
	10	0,134	3,40	0,982	24,94	0,962	24,43	1,071	27,20	TR1263	TRR-24	TR1264	TRR-24-A	TRM-65		1/2"							
	11	0,120	3,05	1,010	25,65	0,990	25,15	1,099	27,91	TR1267	TRR-26	TR1268	TRR-26-A	TRM-66		1/2"							
	12	0,109	2,77	1,032	26,21	1,013	25,73	1,122	28,50	TR1269	TRR-27	TR1270	TRR-27-A	TRM-66		1/2"							
	13	0,095	2,41	1,060	26,92	1,041	26,44	1,150	29,21	TR1271	TRR-28	TR1272	TRR-28-A	TRM-67		1/2"							
	14	0,083	2,11	1,084	27,53	1,060	26,92	1,169	29,69	TR1273	TRR-29	TR1274	TRR-29-A	TRM-67		1/2"							
	15	0,072	1,83	1,106	28,09	1,087	27,61	1,196	30,38	TR1275	TRR-30	TR1276	TRR-30-A	TRM-67		1/2"							
	16	0,065	1,65	1,12	28,45	1,087	27,61	1,196	30,38	TR1275	TRR-30	TR1276	TRR-30-A	TRM-67		1/2"							
	17	0,058	1,47	1,134	28,80	1,115	28,32	1,224	31,09	TR1279	TRR-30	TR1280	TRR-30-A	TRM-68		1/2"							
	18	0,049	1,24	1,152	29,26	1,115	28,32	1,224	31,09	TR1279	TRR-30	TR1280	TRR-30-A	TRM-68		1/2"							
	19	0,042	1,07	1,179	29,95	1,179	29,95	1,294	32,87	TR1285	TRR-34	TR1286	TRR-34-A	TRM-70		1/2"							
28,5mm	20	0,035	0,89	1,245	31,62	1,206	30,63	1,321	33,55	TR1287	TRR-35	TR1288	TRR-35-A	TRM-70		1/2"							
	8	0,165	4,19	1,045	26,54	1,026	26,06	1,135	28,83	TR1277	TRR-31	TR1278	TRR-31 -A	TRM-67		1/2"							
	9	0,148	3,76	1,079	27,41	1,060	26,92	1,169	29,69	TR1273	TRR-29	TR1274	TRR-29-A	TRM-67		1/2"							
	10	0,134	3,40	1,107	28,12	1,087	27,61	1,196	30,38	TR1275	TRR-30	TR1276	TRR-30-A	TRM-67		1/2"							
	11	0,120	3,05	1,135	28,83	1,115	28,32	1,224	31,09	TR1279	TRR-30	TR1280	TRR-30-A	TRM-68		1/2"							
	12	0,109	2,77	1,157	29,39	1,133	28,78	1,242	31,55	TR1281	TRR-32	TR1282	TRR-32-A	TRM-68		1/2"							
	13	0,095	2,41	1,185	30,10	1,160	29,46	1,275	32,39	TR1283	TRR-33	TR1284	TRR-33-A	TRM-69		1/2"							
	14	0,083	2,11	1,209	30,71	1,179	29,95	1,294	32,87	TR1285	TRR-34	TR1286	TRR-34-A	TRM-70		1/2"							
	15	0,072	1,83	1,231	31,27	1,206	30,63	1,321	33,55	TR1287	TRR-35	TR1288	TRR-35-A	TRM-70		1/2"							
	16	0,065	1,65	1,245	31,62	1,206	30,63	1,321	33,55	TR1287	TRR-35	TR1288	TRR-35-A	TRM-70		1/2"							
	17	0,058	1,47	1,269	32,24	1,224	31,09	1,294	32,87	TR1285	TRR-34	TR1286	TRR-34-A	TRM-70		1/2"							
	18	0,049	1,24	1,297	32,95	1,260	32,00	1,321	33,55	TR1287	TRR-35	TR1288	TRR-35-A	TRM-70		1/2"							
1-3/8"	8	0,165	4,19	1,170	29,72	1,145	29,08	1,260	32,00	TR1289	TRR-34	TR1290	TRR-34-A	TRM-69		1/2"							
	9	0,148	3,76	1,204	30,58	1,145	29,08	1,294	32,87	TR1285	TRR-34	TR1286	TRR-34-A	TRM-70		1/2"							
	10	0,134	3,40	1,232	31,29	1,206	30,63	1,321	33,55	TR1287	TRR-35	TR1288	TRR-35-A	TRM-70		1/2"							
	11	0,120	3,05	1,260	32,00	1,235	31,37	1,350	34,29	TR1291	TRR-36	TR1292	TRR-36-A	TRM-70		1/2"							
	12	0,109	2,77	1,282	32,56	1,257	31,93	1,372	34,85	TR1293	TRR-37	TR1294	TRR-37-A	TRM-70		1/2"							
	13	0,095	2,41	1,310	33,27	1,285	32,64	1,400	35,56	TR1295	TRR-37	TR1296	TRR-37-A	TRM-71		1/2"							
	14	0,083	2,11	1,334	33,88	1,285	32,64	1,400	35,56	TR1295	TRR-37	TR1296	TRR-37-A	TRM-71		1/2"							
	15	0,072	1,83	1,356	34,44	1,331	33,81	1,446	36,73	TR1297	TRR-38	TR1298	TRR-38-A	TRM-71		1/2"							
	16	0,065	1,65	1,370	34,80	1,331	33,81	1,446	36,73	TR1297	TRR-38	TR1298	TRR-38-A	TRM-71		1/2"							
	17	0,058	1,47	1,384	35,15	1,331	33,81	1,472	37,39	TR1299	TRR-38	TR1300	TRR-38-A	TRM-72		1/2"							
	18	0,049	1,24	1,402	35,61	1,331	33,81	1,472	37,39	TR1299	TRR-38	TR1300	TRR-38-A	TRM-72		1/2"							
	19	0,042	1,07	1,416	35,97	1,331	33,81	1,472	37,39	TR1299	TRR-38	TR1300	TRR-38-A	TRM-72		1/2"							
38,1mm	20	0,035	0,89	1,430	36,32	1,331	33,81	1,472	37,39	TR1299	TRR-38	TR1300	TRR-38-A	TRM-72		1/2"							