

# Condenser Expanders

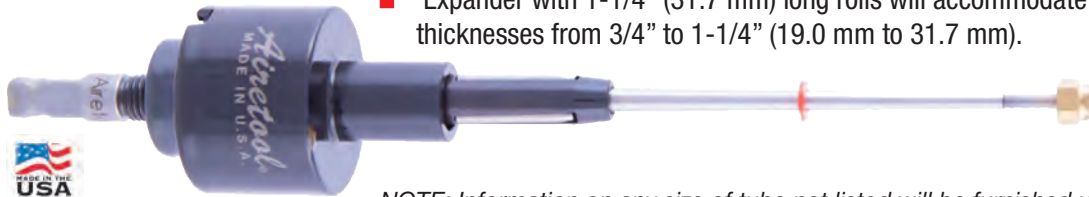
Selection Guide G-900 Series Heat Exchanger & Condenser Tube Expanders



## G-900 Series Expanders

O.D. Range: 1/4" – 3/8" (6.3 – 9.5 mm)

- Expander with 3/4" (19.0 mm) long rolls will accommodate tube sheet thicknesses from 1/4" to 3/4" (6.3 mm to 19.0 mm).
- Expander with 1-1/4" (31.7 mm) long rolls will accommodate tube sheet thicknesses from 3/4" to 1-1/4" (19.0 mm to 31.7 mm).



NOTE: Information on any size of tube not listed will be furnished upon request.

Tube O.D.		Tube Gauge		Tube I.D.		Tube Sheet Thickness				Min. I.D. Tool Enters		Max. Expan. of Tool		Mandrel No. (Order No.) 1/4 in. Sq. Dr. 6.3 mm	Recommended Controlled Rolling Motors Airetool (Order No.)	
						1/4 in. to 3/4 in. (6.3 mm to 19.0 mm)		3/4 in. to 1-1/4 in. (19.0 mm to 31.7 mm)								
in.	mm	bwg	in.	mm	in.	mm	Tool No. (Order No.)	Roll Set No. (Order No.)	Tool No. (Order No.)	Roll Set No. (Order No.)	in.	mm	in.	mm		
1/4	6.3	18	0.049	1.24	0.152	3.86	921 (5016710)	921 (5175610)	920 (5016700)	904 (5174800)	0.151	3.83	0.173	4.39	(921) M-39 (2520300) (920) M-38 (2520100)	720-2500B (8405541)
		19	0.042	1.06	0.166	4.21	922 (5016800)	923 (5175700)			0.165	4.19	0.185	4.70	M-39 (2520300)	
		20	0.035	0.88	0.180	4.57	923 (5016901)	923 (5175700)			0.175	4.44	0.200	5.08	M-40 (2520500)	
		21	0.032	0.81	0.186	4.72	924 (5017000)	924 (5175800)			0.180	4.57	0.207	5.25		
		22	0.028	0.71	0.194	4.92	925 (5017100)	925 (5175900)			0.190	4.82	0.216	5.48		
		23	0.025	0.63	0.200	5.08	926 (5017200)	923 (5175700)			0.195	4.95	0.222	5.63	M-41 (2520700)	
		24	0.022	0.55	0.206	5.23	927 (5017300)	924 (5175800)			0.201	5.10	0.230	5.84		
		28	0.014	0.35	0.222	5.63	928 (5017400)	903 (5174700)			0.222	5.63	0.238	6.04	928 (2161300)	
		29	0.013	0.33	0.224	5.68					0.222	5.63	0.238	6.04		
		30	0.012	0.30	0.226	5.74	929 (5519723)	929 (5519757)			0.205	5.21	0.235	5.99	M-40 (2520500)	
3/8	9.5	14	0.083	2.10	0.209	5.30	927 (5017300)	924 (5175800)			0.201	5.10	0.232	5.89	M-41 (2520700)	720-2500B (8405541)
		15	0.072	1.82	0.231	5.86	915 (5016410)	903 (5174700)			0.230	5.84	0.265	6.73	M-42 (2520900)	
		16	0.065	1.65	0.245	6.22	916* (5016500)	916 (5175600)			0.240	6.09	0.275	6.98	M-36 (2519700)	
		16	0.065	1.65	0.245	6.22			916L* (5512156)	916L (5512157)	0.240	6.09	0.275	6.98	M-36L (2968803)	
		17	0.058	1.47	0.259	6.57	918 (5016600)	903 (5174700)	920 (5016700)		0.255	6.47	0.289	7.34	M-38 (2520100)	
		18	0.049	1.24	0.277	7.03	901 (5015200)	903 (5174700)	902 (5015300)	904 (5174800)	0.272	6.90	0.307	7.79	M-30 (2518400)	
		19	0.042	1.06	0.291	7.39	903 (5015400)	903 (5174700)	904 (5015500)		0.286	7.26	0.330	8.38	M-31 (2518700)	
		20	0.035	0.88	0.305	7.74	905 (5015600)	907 (5174900)	906 (5015700)	908 (5175000)	0.300	7.62	0.334	8.48	M-32 (2518900)	
		21	0.032	0.81	0.311	7.90	907 (5015800)	907 (5174900)	908 (5015900)		0.306	7.77	0.340	8.63	M-33 (2519100)	
		22	0.028	0.71	0.319	8.10	909 (5016000)	909 (5175100)	910 (5016100)	910 (5175200)	0.314	7.97	0.349	8.86		
		23	0.025	0.63	0.325	8.25	911 (5016200)	911 (5175300)	912 (5016300)	912 (5175400)	0.320	8.12	0.357	9.06	M-34 (2519300)	
		24	0.022	0.55	0.331	8.40	911 (5016200)	911 (5175300)	912 (5016300)		0.320	8.12	0.357	9.06		

\* This expander has 1" long rolls.