



## CH-800 Tube End Expanders

For Condensers and Heat Exchangers

Tube Size I.D. 0.324"-1.406" ( $\varnothing_{\text{indv.}}$  8.23–35.70 mm)



Tube O.D. and G.A.	Min I.D. Tube Tool Enters		Max Tool Expansion		Size Square on Mandrel	Expander with 1 1/2" (38.1 mm) Rolls		Expander with 2 1/4" (57.1 mm) Rolls		Mandrel No.
	Inch	mm	Inch	mm		Expander No	Roll Set No	Expander No	Roll Set No	
1/2"-14	.324	8,23	.374	9,50	3/8"	CH-797	TR-797	CH-	TR	MT-797
1/2"-15	.349	8,86	.398	10,11	3/8"	CH-799	TR-1	CH-	TR	MT-799
1/2"-16	.360	9,14	.410	10,41	3/8"	CH-801	TR-1	CH-	TR	MT-1
1/2"-17	.374	9,50	.424	10,77	3/8"	CH-803	TR-2	CH-	TR	MT-1
1/2"-18	.392	9,96	.447	11,35	3/8"	CH-805	TR-3	CH-	TR	MT-2
5/8"-12	.392	9,96	.447	11,35	3/8"	CH-805	TR-3	CH-	TR	MT-2
5/8"-13	.425	10,79	.480	12,19	3/8"	CH-807	TR-4	CH-	TR	MT-3
5/8"-14	.449	11,40	.509	12,73	3/8"	CH-809	TR-4	CH-810	TR-4-A	MT-4
5/8"-15	.471	11,96	.536	13,61	3/8"	CH-811	TR-5	CH-812	TR-5-A	MT-5
5/8"-16	.485	12,32	.550	13,97	3/8"	CH-813	TR-6	CH-814	TR-6-A	MT-5
5/8"-17	.499	12,67	.564	14,32	3/8"	CH-815	TR-6	CH-816	TR-6-A	MT-6
5/8"-18	.517	13,13	.572	14,53	3/8"	CH-817	TR-7	CH-818	TR-7-A	MT-7
3/4"-10	.471	11,96	.536	13,61	3/8"	CH-811	TR-5	CH-812	TR-5-A	MT-5
3/4"-11	.499	12,67	.564	14,32	3/8"	CH-815	TR-6	CH-816	TR-6-A	MT-6
3/4"-12	.522	13,26	.582	14,78	3/8"	CH-819	TR-7	CH-820	TR-7-A	MT-6
3/4"-13	.550	13,97	.615	15,62	3/8"	CH-821	TR-8	CH-822	TR-8-A	MT-8
3/4"-14	.574	14,58	.639	16,23	3/8"	CH-823	TR-9	CH-824	TR-9-A	MT-8
3/4"-15	.596	15,14	.661	16,79	3/8"	CH-825	TR-10	CH-826	TR-10-A	MT-8
3/4"-16	.605	15,37	.685	17,40	3/8"	CH-827	TR-10	CH-828	TR-10-A	MT-9
3/4"-17	.619	15,72	.699	17,75	3/8"	CH-829	TR-11	CH-830	TR-11-A	MY-9
3/4"-18	.619	15,72	.699	17,75	3/8"	CH-829	TR-11	CH-830	TR-11-A	MT-9
7/8"-10	.596	15,14	.661	16,79	3/8"	CH-825	TR-10	CH-826	TR-10-A	MT-8
7/8"-11	.619	15,72	.699	17,75	3/8"	CH-829	TR-11	CH-830	TR-11-A	MT-9
7/8"-12	.642	16,31	.722	18,34	3/8"	CH-831	TR-12	CH-832	TR-12-A	MT-9
7/8"-13	.670	17,02	.750	19,05	3/8"	CH-833	TR-13	CH-834	TR-13-A	MT-10
7/8"-14	.685	17,40	.774	19,66	3/8"	CH-835	TR-14	CH-836	TR-14-A	MT-11
7/8"-15	.712	18,08	.801	20,34	3/8"	CH-837	TR-15	CH-838	TR-15-A	MT-11
7/8"-16	.726	18,44	.815	20,70	3/8"	CH-839	TR-15	CH-840	TR-15-A	MT-12
7/8"-17	.740	18,80	.829	21,06	3/8"	CH-843	TR-16	CH-844	TR-16-A	MT-12
7/8"-18	.740	18,80	.829	21,06	3/8"	CH-843	TR-16	CH-844	TR-16-A	MT-12
1"- 8	.655	16,64	.735	18,67	3/8"	CH-841	TR-13	CH-842	TR-13-A	MT- 9
1"- 9	.685	17,40	.774	19,66	3/8"	CH-835	TR-14	CH-836	TR-14-A	MT-11
1"-10	.712	18,08	.801	20,34	3/8"	CH-837	TR-15	CH-838	TR-15-A	MT-11
1"-11	.740	18,80	.829	21,06	3/8"	CH-843	TR-16	CH-844	TR-16-A	MT-12
1"-12	.763	19,38	.852	21,64	3/8"	CH-845	TR-17	CH-846	TR-17-A	MT-12

1"-13	.791	20.09	.880	22.35	3/8"	CH-847	TR-18	CH-848	TR-18-A	MT-12
1"-14	.810	20.57	.909	23.09	3/8"	CH-849	TR-18	CH-850	TR-18-A	MT-13
1"-15	.837	21.26	.936	23.77	3/8"	CH-851	TR-19	CH-852	TR-19-A	MT-13
1"-16	.837	21.26	.936	23.77	3/8"	CH-851	TR-19	CH-852	TR-19-A	MT-13
1"-17	.865	21.97	.964	24.48	3/8"	CH-855	TR-21	CH-856	TR-21-A	MT-13
1"-18-20	.865	21.97	.964	24.48	3/8"	CH-855	TR-21	CH-856	TR-21-A	MT-13
1 1/8"-8	.776	19.71	.875	22.22	3/8"	CH-853	TR-20	CH-854	TR-20-A	MT-13
1 1/8"-9	.810	20.57	.909	23.09	3/8"	CH-849	TR-18	CH-850	TR-18-A	MT-13
1 1/8"-10	.837	21.26	.936	23.77	3/8"	CH-851	TR-19	CH-852	TR-19-A	MT-13
1 1/8"-11	.865	21.97	.964	24.48	3/8"	CH-855	TR-21	CH-856	TR-21-A	MT-13
1 1/8"-12	.883	22.43	.982	24.94	1/2"	CH-857	TR-21	CH-858	TR-21-A	MT-14
1 1/8"-13	.916	23.57	1.015	25.78	1/2"	CH-859	TR-22	CH-860	TR-22-A	MT-14
1 1/8"-14	.835	23.75	1.044	26.53	1/2"	CH-861	TR-23	CH-862	TR-23-A	MT-15
1 1/8"-15	.963	24.43	1.071	27.20	1/2"	CH-863	TR-24	CH-864	TR-24-A	MT-15
1 1/8"-16	.962	24.43	1.071	27.20	1/2"	CH-863	TR-24	CH-864	TR-24-A	MT-15
1 1/8"-17	.990	25.15	1.099	27.91	1/2"	CH-867	TR-26	CH-868	TR-26-A	MT-16
1 1/8"-18	.990	25.15	1.099	27.91	1/2"	CH-867	TR-26	CH-868	TR-26-A	MT-16
1 1/4"-8	.901	22.88	1.010	26.65	1/2"	CH-865	TR-25	CH-866	TR-25-A	MT-15
1 1/4"-9	.935	23.75	1.044	26.52	1/2"	CH-861	TR-23	CH-862	TR-23-A	MT-15
1 1/4"-10	.962	24.43	1.071	27.20	1/2"	CH-863	TR-24	CH-864	TR-24-A	MT-15
1 1/4"-11	.990	25.15	1.099	27.91	1/2"	CH-867	TR-26	CH-868	TR-26-A	MT-16
1 1/4"-12	1.013	25.73	1.122	28.50	1/2"	CH-869	TR-27	CH-870	TR-27-A	MT-16
1 1/4"-13	1.041	26.44	1.150	29.21	1/2"	CH-871	TR-28	CH-872	TR-28-A	MT-17
1 1/4"-14	1.060	26.92	1.169	29.69	1/2"	CH-873	TR-29	CH-874	TR-29-A	MT-17
1 1/4"-15	1.087	27.61	1.196	30.38	1/2"	CH-875	TR-30	CH-876	TR-30-A	MT-17
1 1/4"-16	1.087	27.61	1.196	30.38	1/2"	CH-875	TR-30	CH-876	TR-30-A	MT-17
1 3/8"-8	1.026	26.06	1.135	28.83	1/2"	CH-877	TR-31	CH-878	TR-31-A	MT-17
1 3/8"-9	1.060	26.92	1.169	29.69	1/2"	CH-873	TR-29	CH-874	TR-29-A	MT-17
1 3/8"-10	1.087	27.61	1.196	30.38	1/2"	CH-875	TR-30	CH-876	TR-30-A	MT-17
1 3/8"-11	1.115	28.32	1.224	31.09	1/2"	CH-879	TR-30	CH-880	TR-30-A	MT-18
1 3/8"-12	1.133	28.78	1.242	31.55	1/2"	CH-881	TR-32	CH-882	TR-32-A	MT-18
1 3/8"-13	1.160	29.46	1.275	32.38	1/2"	CH-883	TR-33	CH-884	TR-33-A	MT-19
1 3/8"-14	1.179	29.95	1.294	32.87	1/2"	CH-885	TR-34	CH-886	TR-34-A	MT-20
1 3/8"-15	1.206	30.63	1.321	33.55	1/2"	CH-887	TR-35	CH-888	TR-35-A	MT-20
1 3/8"-16	1.206	30.63	1.321	33.55	1/2"	CH-887	TR-35	CH-888	TR-35-A	MT-20
1 1/2"-8	1.145	29.08	1.260	32.00	1/2"	CH-889	TR-34	CH-890	TR-34-A	MT-19
1 1/2"-9	1.179	29.95	1.294	32.87	1/2"	CH-885	TR-34	CH-886	TR-34-A	MT-20
1 1/2"-10	1.206	30.63	1.321	33.55	1/2"	CH-887	TR-35	CH-888	TR-35-A	MT-20
1 1/2"-11	1.235	31.37	1.350	34.29	1/2"	CH-891	TR-36	CH-892	TR-36-A	MT-20
1 1/2"-12	1.257	31.93	1.372	34.85	1/2"	CH-893	TR-37	CH-894	TR-37-A	MT-20
1 1/2"-13	1.285	35.64	1.400	35.56	1/2"	CH-895	TR-37	CH-896	TR-37-A	MT-21
1 1/2"-14	1.285	32.64	1.400	35.56	1/2"	CH-895	TR-37	CH-896	TR-37-A	MT-21
1 1/2"-15	1.331	33.81	1.446	36.73	1/2"	CH-897	TR-38	CH-898	TR-38-A	MT-21
1 3/4"-8	1.406	35.70	1.531	35.90	1/2"	CH-899	TR-38	CH-899	TR-38-A	MT-22

