



CH-1200 Five Roll Tube End Expanders

For Condensers and Heat Exchangers

Tube Size I.D. 0.5" - 1.374" (12.67 - 34.9 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
5/8"-17-19	.499	12.67	.578	14.69	3/8"	CH-1215-5	TR-4-5	CH-1216-5	TR-4-A-5-	MT-59
5/8"-20-22	.539	13.70	.601	15.27	3/8"	CH-1219-sp-5	TR-4-5	CH-1220-sp-5	TR-4-A-5	MT-61
5/8"-23-24	.550	13.97	.627	15.93	3/8"	CH-1221	TR-5-5	CH-1222-5	TR-5-A-5A	MT-62
3/4"-13-14	.550	13.97	.627	15.93	3/8"	CH-1221-5	TR-5-5	CH-1222-5	TR-5-A-5	MT-62
3/4"-15-16	.596	15.14	.688	17.21	3/8"	CH-1227-5	TR-8-5	CH-1228-5	TR-8-A-5	MT-62
3/4"-17-18	.619	15.72	.706	17.94	3/8"	CH-1229-5	TR-8-5	CH-1230-5	TR-8-A-5	MT-63
3/4"-19-21	.642	16.31	.730	18.56	3/8"	CH-1231-5	TR-9-5	CH-1232-5	TR-9-A-5	MT-63
3/4"-22-24	.670	17.02	.750	19.05	1/2"	CH-1233-5	TR-9-5	CH-1234-5	TR-9-A-5	MT-64
7/8"-13	.670	17.02	.750	19.05	1/2"	CH-1233-5	TR-9-5	CH-1234-5	TR-9-A-5	MT-64
7/8"-14	.685	17.40	.770	19.56	1/2"	CH-1235-5	TR-10-5	CH-1236-5	TR-10-A-5	MT-64
7/8"-15-16	.712	18.08	.807	20.50	1/2"	CH-1237-5	TR-11-5	CH-1238-5	TR-11-A-5	MT-66
7/8"-17-18	.740	18.80	.826	20.98	1/2"	CH-1243-5	TR-11-5	CH-1244-5	TR-11-A-5	MT-67
7/8"-19-22	.763	19.38	.848	21.65	1/2"	CH-1245-5	TR-12-5	CH-1246-5	TR-12-A-5	MT-67
7/8"-23-24	.791	20.09	.892	22.65	1/2"	CH-1247-5	TR-13-5	CH-1248-5	TR-13-A-5	MT-68
1"-12	.763	19.38	.848	21.65	1/2"	CH-1245-5	TR-12-5	CH-1246-5	TR-12-A-5	MT-67
1"-13	.791	20.09	.892	22.65	1/2"	CH-1247-5	TR-13-5	CH-1248-5	TR-13-A5	MT-68
1"-14	.810	20.57	.904	22.97	1/2"	CH-1249-5	TR-14-5	CH-1250-5	TR-14-A-5	MT-68
1"-15-16	.837	21.26	.933	23.69	1/2"	CH-1251-5	TR-15-5	CH-1252-5	TR-15-A-5	MT-68
1"-17-20	.865	21.97	.971	24.67	1/2"	CH-1255-5	TR-15-5	CH-1256-5	TR-15-A-5	MT-70
1"-21-24	.833	22.43	.999	25.38	1/2"	CH-1257-5	TR-15-5	CH-1258-5	TR-15-A-5	MT-71
1 1/8"-11	.865	21.97	.971	24.67	1/2"	CH-1255-5	TR-15-5	CH-1256-5	TR-15-A-5	MT-70
1 1/8"-12	.883	22.43	.999	25.38	1/2"	CH-1257-5	TR-15-5	CH-1258-5	TR-15-A-5	MT-71
1 1/8"-13-14	.916	23.57	1.013	25.74	1/2"	CH-1259-5	TR-16-5	CH-1260-5	TR-16-A-5	MT-71
1 1/8"-15-16	.962	24.43	1.064	27.02	1/2"	CH-1263-5	TR-18-5	CH-1264-5	TR-18-A-5	MT-71
1 1/8"-17-20	.990	25.15	1.091	27.72	1/2"	CH-1267-5	TR-19-5	CH-1268-5	TR-19-A-5	MT-71
1 1/8"-21-24	1.013	25.73	1.118	28.40	1/2"	CH-1269-5	TR-21-5	CH-1270-5	TR-21-A-5	MT-71
1 1/4"-10	.962	24.43	1.064	27.02	1/2"	CH-1263-5	TR-18-5	CH-1264-5	TR-18-A-5	MT-71
1 1/4"-11	.990	25.15	1.091	27.72	1/2"	CH-1267-5	TR-19-5	CH-1268-5	TR-19-A-5	MT-71
1 1/4"-12	1.013	25.73	1.118	28.40	1/2"	CH-1269-5	TR-21-5	CH-1270-5	TR-21-A-5	MT-71
1 1/4"-15-16	1.087	27.61	1.204	30.58	1/2"	CH-1275-5	TR-21-5	CH-1276-5	TR-21-A-5	MT-72

1 1/4"-17-22	1.115	28.32	1.259	31.98	1/2"	CH-12879-5	TR-23-5	CH-1280-5	TR-23-A-5	MT-72
1 1/4"-23-25	1.133	28.78	1.285	32.64	1/2"	CH-1281-5	TR-24-5	CH-1282-5	TR-24-A-5	MT-72
1 3/8"-12	1.133	28.78	1.285	32.64	1/2"	CH-1281-5	TR-24-5	CH-1282-5	TR-24-A-5	MT-72
1 3/8"-14	1.179	29.95	1.294	32.88	1/2"	CH-1285-5	TR-23-5	CH-1286-5	TR-23-A-5	MT-73
1 1/2"-12	1.257	31.93	1.375	34.92	1/2"	CH-1293-5	TR-26-5	CH-1294-5	TR-26-A-5	MT-74
1 1/2"-14-24	1.374	34.90	1.505	38.22	1/2"	CH-1299-5	TR-29-5	CH-1299-RL-5	TR-29-A-5	MT-75

