



Model:1200

For Condensers and Heat Exchangers

O.D Range: 1/2" to 1 1/2" (12.7 to 38.1 mm)



- Standard Reach Expanders → 1/2" to 6, 1/2" (12.7 to 165.1 mm)
- A-Reach Expanders → 1, 1/4" to 6, 1/2" (31.75 to 215.9 mm)
- B-Reach Expanders → 1, 1/2" to 10, 3/4" (38.1 to 273.5 mm)
- C-Reach Expanders → 1, 1/2" to 12, 3/4" (38.1 to 323.85 mm)
- Some Diameter Can Be Made Up To 2 M.

Tube OD	Tube thickness		Min ID Tube Tool Enters		Max Tool Expansion		Expander With 1 1/2"(38.1)Rlls		Expander With 2 1/4"(57.1)Rlls		Mandrel NO.	Size Square On mandrel
	bwg	mm					Expander No.	Rll Set No.	Expander No.	Rll Set No.		
1/2" (12.7mm)	14	2.03	0.333	0.375	8.2	9.52	1197	R-797			M-797	
	15	1.83	0.344	0.394	8.6	10	1200	R-1			M-50	
	16	1.63	0.360	0.410	8.9	10.41	1201	R-1			M-51	
	17	1.42	0.374	0.424	9.3	10.77	1203	R-2			M-51	
	18	1.22	0.392	0.447	9.8	11.35	1205	R-3			M-52	
5/8" (15.88mm)	12	2.64	0.392	0.447	9.8	11.35	1205	R-3			M-52	
	13	2.34	0.425	0.480	10.6	12.19	1207	R-4			M-53	
	14	2.03	0.449	0.509	11.2	12.93	1209	R-4	1210	R-4-A	M-54	
	15	1.83	0.471	0.536	11.7	13.61	1211	R-5	1212	R-5-A	M-55	
	16	1.63	0.485	0.550	12.1	13.97	1213	R-6	1214	R-6-A	M-55	
	17	1.42	0.499	0.564	12.5	14.33	1215	R-6	1216	R-6-A	M-56	
	18	1.22	0.517	0.572	12.9	14.53	1217	R-7	1218	R-7-A	M-57	
	10	3.25	0.471	0.536	11.7	13.61	1211	R-5	1212	R-5-A	M-55	
3/4" (19.05mm)	11	2.95	0.499	0.564	12.5	14.33	1215	R-6	1216	R-6-A	M-56	
	12	2.64	0.522	0.582	13.1	14.78	1219	R-7	1220	R-7-A	M-56	
	13	2.34	0.550	0.615	13.7	15.62	1221	R-8	1222	R-8-A	M-58	
	14	2.03	0.574	0.639	14.3	16.23	1223	R-9	1224	R-9-A	M-58	
	15	1.83	0.596	0.661	14.9	16.79	1225	R-10	1226	R-10-A	M-58	
	16	1.63	0.605	0.685	15.2	17.4	1227	R-10	1228	R-10-A	M-59	
	17	1.42	0.619	0.699	15.5	17.75	1229	R-11	1230	R-11-A	M-59	
	18	1.22	0.619	0.699	15.5	17.75	1229	R-11	1230	R-11-A	M-59	
7/8" (22.23mm)	10	3.25	0.596	0.661	14.9	16.79	1225	R-10	1226	R-10-A	M-58	
	11	2.95	0.619	0.699	15.5	17.75	1229	R-11	1230	R-11-A	M-59	
	12	2.64	0.642	0.722	16.1	18.34	1231	R-12	1232	R-12-A	M-59	
	13	2.34	0.670	0.750	16.8	19.05	1233	R-13	1234	R-13-A	M-60	
	14	2.03	0.685	0.774	17.2	19.66	1235	R-14	1236	R-14-A	M-61	
	15	1.83	0.712	0.801	17.8	20.35	1237	R-15	1238	R-15-A	M-61	
	16	1.63	0.726	0.815	18.2	20.70	1239	R-15	1240	R-15-A	M-62	
1" (25.4mm)	8	4.06	0.655	0.735	16.4	18.67	1241	R-13	1242	R-13-A	M-59	
	9	3.66	0.685	0.774	17.2	19.66	1235	R-14	1236	R-14-A	M-61	
	10	3.25	0.712	0.801	17.8	20.35	1237	R-15	1238	R-15-A	M-61	
	11	2.95	0.740	0.829	18.5	21.06	1243	R-16	1244	R-16-A	M-62	
	12	2.64	0.763	0.852	19.2	21.64	1245	R-17	1246	R-17-A	M-62	
	13	2.34	0.791	0.880	19.8	22.35	1247	R-18	1248	R-18-A	M-62	
	14	2.03	0.810	0.909	20.4	23.09	1249	R-18	1250	R-18-A	M-63	
	15	1.83	0.837	0.936	20.95	23.77	1251	R-19	1252	R-19-A	M-63	
	16	1.63	0.837	0.936	20.95	23.77	1251	R-19	1252	R-19-A	M-63	

3/8 inch
(9.5 mm)

Tube OD	Tube tickness		Min ID Tube Tool Enters		Max Tool Expansion		Expander With 1 1/2"(38.1)Rlls		Expander With 2 1/4"(57.1)Rlls		Mandrel NO.	Size Square On mandrel
	bwg	mm	Inch		mm		Expander No.	Rll Set No.	Expander No.	Rll Set No.		
1 1/8 (28.58mm)	8	4.06	0.776	0.875	19.4	2223	1253	R-20	1254	R-20-A	M-63	3/8 inch (9.5 mm)
	9	3.66	0.810	0.909	20.4	23.09	1249	R-18	1250	R-18-A	M-63	
	10	3.25	0.837	0.936	20.95	23.77	1251	R-19	1252	R-19-A	M-63	
	11	2.95	0.865	0.964	21.7	24.48	1255	R-21	1256	R-21-A	M-63	
	12	2.64	0.883	0.982	22.15	24.97	1257	R-21	1258	R-21-A	M-64	
	13	2.34	0.916	1.015	23	25.78	1259	R-22	1260	R-22-A	M-64	
	14	2.03	0.935	1.044	23.45	26.52	1261	R-23	1262	R-23-A	M-65	
	15	1.83	0.962	1.071	24.15	27.2	1263	R-24	1262	R-24-A	M-65	
1 1/4 (31.75mm)	16	1.63	0.962	1.071	24.15	27.2	1263	R-24	1264	R-24-A	M-65	1/2 inch (12.7 mm)
	8	4.06	0.901	1.010	22.6	25.65	1265	R-25	1266	R-25-A	M-65	
	9	3.66	0.935	1.044	23.45	26.52	1261	R-23	1262	R-23-A	M-65	
	10	3.25	0.962	1.071	24.15	27.2	1263	R-24	1264	R-24-A	M-65	
	11	2.95	0.990	1.099	24.85	27.91	1267	R-26	1268	R-26-A	M-66	
	12	2.64	1.013	1.122	25.45	28.49	1269	R-27	1270	R-27-A	M-66	
	13	2.34	1.041	1.150	26.15	29.21	1271	R-28	1272	R-28-A	M-67	
	14	2.03	1.060	1.169	26.6	29.70	1273	R-29	1274	R-29-A	M-67	
1 3/8 (34.93mm)	15	1.83	1.087	1.196	27.3	30.38	1275	R-30	1276	R-30-A	M-67	
	16	1.63	1.087	1.196	27.3	30.38	1275	R-30	1276	R-30-A	M-67	
	8	4.06	1.026	1.135	25.75	28.83	1277	R-31	1278	R-31-A	M-67	
	9	3.66	1.06	1.169	26.6	29.7	1273	R-29	1274	R-29-A	M-67	
	10	3.25	1.087	1.196	27.3	30.38	1275	R-30	1276	R-30-A	M-67	
	11	2.95	1.115	1.224	27.8	31.09	1279	R-30	1280	R-30-A	M-68	
	12	2.64	1.133	1.242	28.5	31.55	1281	R-32	1282	R-32-A	M-68	
	13	2.34	1.16	1.275	29.15	32.38	1283	R-33	1284	R-33-A	M-69	
1 1/2 (38.1mm)	14	2.03	1.179	1.294	29.65	32.87	1285	R-34	1286	R-34-A	M-70	
	15	1.83	1.206	1.321	30.35	33.55	1287	R-35	1288	R-35-A	M-70	
	16	1.63	1.206	1.321	30.35	33.55	1287	R-35	1288	R-35-A	M-70	
	8	4.06	1.145	1.26	28.7	32	1289	R-34	1290	R-34-A	M-69	
	9	3.66	1.179	1.294	29.6	32.87	1285	R-34	1286	R-34-A	M-70	
	10	3.25	1.206	1.321	30.3	33.55	1287	R-35	1288	R-35-A	M-70	
	11	2.95	1.235	1.35	31.	34.29	1291	R-36	1292	R-36-A	M-70	
	12	2.64	1.257	1.372	31.6	34.85	1293	R-37	1294	R-37-A	M-70	
	13	2.34	1.285	1.4	32.3	35.56	1295	R-37	1296	R-37-A	M-71	
	14	2.03	1.285	1.4	32.3	35.56	1295	R-37	1296	R-37-A	M-71	
	15	1.83	1.331	1.446	33.5	36.73	1297	R-38	1298	R-38-A	M-71	
	16	1.63	1.331	1.446	33.5	36.73	1297	R-38	1299	R-38-A	M-71	

tell:071-91690741, 09911244408



aspa-expander.ir



sales@aspa-expander.ir



aspa-tsfe-expander

شهرک صنعتی بزرگ شیراز، شرکت آماص صنعت پترو آریا

