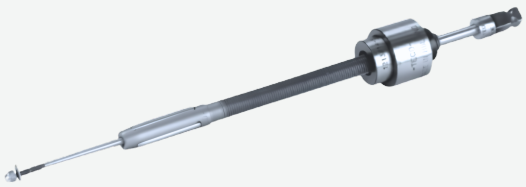
CH-1200

För kondensorer och värmeväxlare

Tubområde: 12,7-44,45 mm ytterdiameter.
Valslängder: 38,10 eller 57,15 mm.
Räckvidd B: 254 mm; C: 305 mm.
Längre räckvidder och 4/5-valsutföranden finns.



Valslängd (mm)	Tubplåtstjocklek (mm)
38,10	19,05-149,09
57,15	38,10-165,10

Dimensionstabell - del 1

Ytter-Ø	G.A.	Min. inner-Ø	Max. exp.	Driv-fyrkant	Verktyg 38,10	Valssats 38,10	Verktyg 57,15	Valssats 57,15	Dorn
12,7	14	8,23	9,50	9,525	CH-1197	TR-797	-	-	MT-1197
12,7	15	8,86	10,11	9,525	CH-1199	TR-1	-	-	MT-1199
12,7	16	9,14	10,41	9,525	CH-1201	TR-1	-	-	MT-51
12,7	17	9,50	10,77	9,525	CH-1203	TR-2	-	-	MT-51
12,7	18	9,96	11,35	9,525	CH-1205	TR-3	-	-	MT-52
15,875	12	9,96	11,35	9,525	CH-1205	TR-3	-	-	MT-52
15,875	13	10,79	12,19	9,525	CH-1207	TR-4	-	-	MT-53
15,875	14	11,40	12,73	9,525	CH-1209	TR-4	CH-1210	TR-4-A	MT-54
15,875	15	11,96	13,61	9,525	CH-1211	TR-5	CH-1212	TR-5-A	MT-55
15,875	16	12,32	13,97	9,525	CH-1213	TR-6	CH-1214	TR-6-A	MT-55
15,875	17	12,67	14,32	9,525	CH-1215	TR-6	CH-1216	TR-6-A	MT-56
15,875	18	13,13	14,53	9,525	CH-1217	TR-7	CH-1218	TR-7-A	MT-57
19,05	10	11,96	13,61	9,525	CH-1211	TR-5	CH-1212	TR-5-A	MT-55
19,05	11	12,67	14,32	9,525	CH-1215	TR-6	CH-1216	TR-6-A	MT-56
19,05	12	13,30	15,20	9,525	CH-1219-N	TR-7	CH-1220-N	TR-7-A	MT-58
19,05	13	13,97	15,62	9,525	CH-1221	TR-8	CH-1222	TR-8-A	MT-58
19,05	14	14,58	16,23	9,525	CH-1223	TR-9	CH-1224	TR-9-A	MT-58
19,05	15	15,14	16,79	9,525	CH-1225	TR-10	CH-1226	TR-10-A	MT-58
19,05	16	15,37	17,40	9,525	CH-1227	TR-10	CH-1228	TR-10-A	MT-59
19,05	17	15,72	17,75	9,525	CH-1229	TR-11	CH-1230	TR-11-A	MT-59
19,05	18	15,72	17,75	9,525	CH-1229	TR-11	CH-1230	TR-11-A	MT-59

Alla mått anges i mm. Kolumngrupperna 38,10 och 57,15 avser valslängd. G.A. är originalets godskod. Streck betyder att artikelnummer saknas i underlaget.

Tubplåtstjocklekar och B-/C-räckvidd följer bifogad PDF och tillverkarens produktsida. Drivfyrkantens mått är omräknade till mm.

CH-1200

Dimensionstabell - del 2

Ytter-Ø	G.A.	Min. inner-Ø	Max. exp.	Driv-fyrkant	Verktyg 38,10	Valssats 38,10	Verktyg 57,15	Valssats 57,15	Dorn
22,225	10	15,14	16,79	9,525	CH-1225	TR-10	CH-1226	TR-10-A	MT-58
22,225	11	15,72	17,75	9,525	CH-1229	TR-11	CH-1230	TR-11-A	MT-59
22,225	12	16,31	18,34	9,525	CH-1231	TR-12	CH-1232	TR-12-A	MT-59
22,225	13	17,02	19,05	9,525	CH-1233	TR-13	CH-1234	TR-13-A	MT-60
22,225	14	17,40	19,66	9,525	CH-1235	TR-14	CH-1236	TR-14-A	MT-61
22,225	15	18,08	20,34	9,525	CH-1237	TR-15	CH-1238	TR-15-A	MT-61
22,225	16	18,44	20,70	9,525	CH-1239	TR-15	CH-1240	TR-15-A	MT-62
22,225	17	18,80	21,06	9,525	CH-1243	TR-16	CH-1244	TR-16-A	MT-62
22,225	18	18,80	21,06	9,525	CH-1243	TR-16	CH-1244	TR-16-A	MT-62
25,4	8	16,64	18,67	9,525	CH-1241	TR-13	CH-1242	TR-13-A	MT-59
25,4	9	17,40	19,66	9,525	CH-1235	TR-14	CH-1236	TR-14-A	MT-61
25,4	10	18,08	20,34	9,525	CH-1237	TR-15	CH-1238	TR-15-A	MT-61
25,4	11	18,80	21,06	9,525	CH-1243	TR-16	CH-1244	TR-16-A	MT-62
25,4	12	19,38	21,64	9,525	CH-1245	TR-17	CH-1246	TR-17-A	MT-62
25,4	13	20,09	22,35	9,525	CH-1247	TR-18	CH-1248	TR-18-A	MT-62
25,4	14	20,57	23,09	9,525	CH-1249	TR-18	CH-1250	TR-18-A	MT-63
25,4	15	21,26	23,77	9,525	CH-1251	TR-19	CH-1252	TR-19-A	MT-63
25,4	16	21,26	23,77	9,525	CH-1251	TR-19	CH-1252	TR-19-A	MT-63
25,4	17	21,97	24,48	9,525	CH-1255	TR-21	CH-1256	TR-21-A	MT-63
25,4	18-20	21,97	24,48	9,525	CH-1255	TR-21	CH-1256	TR-21-A	MT-63
28,575	8	19,71	22,22	9,525	CH-1253	TR-20	CH-1254	TR-20-A	MT-63
28,575	9	20,57	23,09	9,525	CH-1249	TR-18	CH-1250	TR-18-A	MT-63
28,575	10	21,26	23,77	9,525	CH-1251	TR-19	CH-1252	TR-19-A	MT-63
28,575	11	21,97	24,48	9,525	CH-1255	TR-21	CH-1256	TR-21-A	MT-63
28,575	12	22,43	24,94	12,7	CH-1257	TR-21	CH-1258	TR-21-A	MT-64
28,575	13	23,57	25,78	12,7	CH-1259	TR-22	CH-1260	TR-22-A	MT-64
28,575	14	23,75	26,52	12,7	CH-1261	TR-23	CH-1262	TR-23-A	MT-65
28,575	15	24,43	27,20	12,7	CH-1263	TR-24	CH-1264	TR-24-A	MT-65
28,575	16	24,43	27,20	12,7	CH-1263	TR-24	CH-1264	TR-24-A	MT-65
28,575	17	25,15	27,91	12,7	CH-1267	TR-26	CH-1268	TR-26-A	MT-66
28,575	18	25,15	27,91	12,7	CH-1267	TR-26	CH-1268	TR-26-A	MT-66

Alla mått anges i mm. Kolumngrupperna 38,10 och 57,15 avser valslängd. G.A. är originalets godskod. Streck betyder att artikelnummer saknas i underlaget.

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Dimensionstabell - del 3

Ytter-Ø	G.A.	Min. inner-Ø	Max. exp.	Driv-fyrkant	Verktyg 38,10	Valssats 38,10	Verktyg 57,15	Valssats 57,15	Dorn
31,75	8	22,88	25,60	12,7	CH-1265	TR-25	CH-1266	TR-25-A	MT-65
31,75	9	23,75	26,52	12,7	CH-1261	TR-23	CH-1262	TR-23-A	MT-65
31,75	10	24,43	27,20	12,7	CH-1263	TR-24	CH-1264	TR-24-A	MT-65
31,75	11	25,15	27,91	12,7	CH-1267	TR-26	CH-1268	TR-26-A	MT-66
31,75	12	25,73	28,50	12,7	CH-1269	TR-27	CH-1270	TR-27-A	MT-66
31,75	13	26,44	29,21	12,7	CH-1271	TR-28	CH-1272	TR-28-A	MT-67
31,75	14	26,92	29,69	12,7	CH-1273	TR-29	CH-1274	TR-29-A	MT-67
31,75	15	27,61	30,38	12,7	CH-1275	TR-30	CH-1276	TR-30-A	MT-67
31,75	16	27,61	30,38	12,7	CH-1275	TR-30	CH-1276	TR-30-A	MT-67
34,925	8	26,06	28,83	12,7	CH-1277	TR-31	CH-1278	TR-31-A	MT-67
34,925	9	26,92	29,69	12,7	CH-1273	TR-29	CH-1274	TR-29-A	MT-67
34,925	10	27,61	30,38	12,7	CH-1275	TR-30	CH-1276	TR-30-A	MT-67
34,925	11	28,32	31,09	12,7	CH-1279	TR-30	CH-1280	TR-30-A	MT-68
34,925	12	28,78	31,55	12,7	CH-1281	TR-32	CH-1282	TR-32-A	MT-68
34,925	13	29,46	32,38	12,7	CH-1283	TR-33	CH-1284	TR-33-A	MT-69
34,925	14	29,95	32,87	12,7	CH-1285	TR-34	CH-1286	TR-34-A	MT-70
34,925	15	30,63	33,55	12,7	CH-1287	TR-35	CH-1288	TR-35-A	MT-70
34,925	16	30,63	33,55	12,7	CH-1287	TR-35	CH-1288	TR-35-A	MT-70
38,1	8	29,08	32,00	12,7	CH-1289	TR-34	CH-1290	TR-34-A	MT-69
38,1	9	29,95	32,87	12,7	CH-1285	TR-34	CH-1286	TR-34-A	MT-70
38,1	10	30,63	33,55	12,7	CH-1287	TR-35	CH-1288	TR-35-A	MT-70
38,1	11	31,37	34,29	12,7	CH-1291	TR-36	CH-1292	TR-36-A	MT-70
38,1	12	31,93	34,85	12,7	CH-1293	TR-37	CH-1294	TR-37-A	MT-70
38,1	13	32,64	35,56	12,7	CH-1295	TR-37	CH-1296	TR-37-A	MT-71
38,1	14	32,64	35,56	12,7	CH-1295	TR-37	CH-1296	TR-37-A	MT-71
38,1	15	33,81	36,73	12,7	CH-1297	TR-38	CH-1298	TR-38-A	MT-71
38,1	16	33,81	36,73	12,7	CH-1297	TR-38	CH-1298	TR-38-A	MT-71
44,45	8	35,70	38,90	12,7	CH-1299	TR-38	CH-1299RL	TR-38-A	MT-72

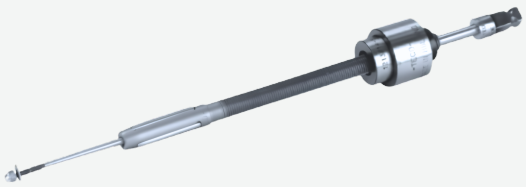
Alla mått anges i mm. Kolumngrupperna 38,10 och 57,15 avser valslängd. G.A. är originalets godskod. Streck betyder att artikelnummer saknas i underlaget.

Originalets mm-värden och artikelnummer är bevarade, även 23,57 mm vid ytterdiameter 28,575 mm, G.A. 13. Bekräfta den uppgiften för aktuell tillämpning. Maximal verktygsexpansion är inte ett föreskrivet slutmått för tuben.

CH-1200

For condensers and heat exchangers

Tube outside diameter: 12.7-44.45 mm.
Roll lengths: 38.10 or 57.15 mm.
Reach B: 254 mm; C: 305 mm.
Longer reaches and 4/5-roll versions available.



Roll length (mm)	Tubesheet thickness (mm)
38.10	19.05-149.09
57.15	38.10-165.10

Size selection - part 1

Tube OD	G.A.	Min. ID	Max. exp.	Drive square	Tool 38.10	Roll set 38.10	Tool 57.15	Roll set 57.15	Mandrel
12.7	14	8.23	9.50	9.525	CH-1197	TR-797	-	-	MT-1197
12.7	15	8.86	10.11	9.525	CH-1199	TR-1	-	-	MT-1199
12.7	16	9.14	10.41	9.525	CH-1201	TR-1	-	-	MT-51
12.7	17	9.50	10.77	9.525	CH-1203	TR-2	-	-	MT-51
12.7	18	9.96	11.35	9.525	CH-1205	TR-3	-	-	MT-52
15.875	12	9.96	11.35	9.525	CH-1205	TR-3	-	-	MT-52
15.875	13	10.79	12.19	9.525	CH-1207	TR-4	-	-	MT-53
15.875	14	11.40	12.73	9.525	CH-1209	TR-4	CH-1210	TR-4-A	MT-54
15.875	15	11.96	13.61	9.525	CH-1211	TR-5	CH-1212	TR-5-A	MT-55
15.875	16	12.32	13.97	9.525	CH-1213	TR-6	CH-1214	TR-6-A	MT-55
15.875	17	12.67	14.32	9.525	CH-1215	TR-6	CH-1216	TR-6-A	MT-56
15.875	18	13.13	14.53	9.525	CH-1217	TR-7	CH-1218	TR-7-A	MT-57
19.05	10	11.96	13.61	9.525	CH-1211	TR-5	CH-1212	TR-5-A	MT-55
19.05	11	12.67	14.32	9.525	CH-1215	TR-6	CH-1216	TR-6-A	MT-56
19.05	12	13.30	15.20	9.525	CH-1219-N	TR-7	CH-1220-N	TR-7-A	MT-58
19.05	13	13.97	15.62	9.525	CH-1221	TR-8	CH-1222	TR-8-A	MT-58
19.05	14	14.58	16.23	9.525	CH-1223	TR-9	CH-1224	TR-9-A	MT-58
19.05	15	15.14	16.79	9.525	CH-1225	TR-10	CH-1226	TR-10-A	MT-58
19.05	16	15.37	17.40	9.525	CH-1227	TR-10	CH-1228	TR-10-A	MT-59
19.05	17	15.72	17.75	9.525	CH-1229	TR-11	CH-1230	TR-11-A	MT-59
19.05	18	15.72	17.75	9.525	CH-1229	TR-11	CH-1230	TR-11-A	MT-59

All dimensions are in mm. Column groups 38.10 and 57.15 refer to roll length. G.A. is the original wall gauge code. A dash means no part number is listed.

Tubesheet thicknesses and B/C reach follow the supplied PDF and manufacturer product page. Drive square dimensions are converted to mm.

CH-1200

Size selection - part 2

Tube OD	G.A.	Min. ID	Max. exp.	Drive square	Tool 38.10	Roll set 38.10	Tool 57.15	Roll set 57.15	Mandrel
22.225	10	15.14	16.79	9.525	CH-1225	TR-10	CH-1226	TR-10-A	MT-58
22.225	11	15.72	17.75	9.525	CH-1229	TR-11	CH-1230	TR-11-A	MT-59
22.225	12	16.31	18.34	9.525	CH-1231	TR-12	CH-1232	TR-12-A	MT-59
22.225	13	17.02	19.05	9.525	CH-1233	TR-13	CH-1234	TR-13-A	MT-60
22.225	14	17.40	19.66	9.525	CH-1235	TR-14	CH-1236	TR-14-A	MT-61
22.225	15	18.08	20.34	9.525	CH-1237	TR-15	CH-1238	TR-15-A	MT-61
22.225	16	18.44	20.70	9.525	CH-1239	TR-15	CH-1240	TR-15-A	MT-62
22.225	17	18.80	21.06	9.525	CH-1243	TR-16	CH-1244	TR-16-A	MT-62
22.225	18	18.80	21.06	9.525	CH-1243	TR-16	CH-1244	TR-16-A	MT-62
25.4	8	16.64	18.67	9.525	CH-1241	TR-13	CH-1242	TR-13-A	MT-59
25.4	9	17.40	19.66	9.525	CH-1235	TR-14	CH-1236	TR-14-A	MT-61
25.4	10	18.08	20.34	9.525	CH-1237	TR-15	CH-1238	TR-15-A	MT-61
25.4	11	18.80	21.06	9.525	CH-1243	TR-16	CH-1244	TR-16-A	MT-62
25.4	12	19.38	21.64	9.525	CH-1245	TR-17	CH-1246	TR-17-A	MT-62
25.4	13	20.09	22.35	9.525	CH-1247	TR-18	CH-1248	TR-18-A	MT-62
25.4	14	20.57	23.09	9.525	CH-1249	TR-18	CH-1250	TR-18-A	MT-63
25.4	15	21.26	23.77	9.525	CH-1251	TR-19	CH-1252	TR-19-A	MT-63
25.4	16	21.26	23.77	9.525	CH-1251	TR-19	CH-1252	TR-19-A	MT-63
25.4	17	21.97	24.48	9.525	CH-1255	TR-21	CH-1256	TR-21-A	MT-63
25.4	18-20	21.97	24.48	9.525	CH-1255	TR-21	CH-1256	TR-21-A	MT-63
28.575	8	19.71	22.22	9.525	CH-1253	TR-20	CH-1254	TR-20-A	MT-63
28.575	9	20.57	23.09	9.525	CH-1249	TR-18	CH-1250	TR-18-A	MT-63
28.575	10	21.26	23.77	9.525	CH-1251	TR-19	CH-1252	TR-19-A	MT-63
28.575	11	21.97	24.48	9.525	CH-1255	TR-21	CH-1256	TR-21-A	MT-63
28.575	12	22.43	24.94	12.7	CH-1257	TR-21	CH-1258	TR-21-A	MT-64
28.575	13	23.57	25.78	12.7	CH-1259	TR-22	CH-1260	TR-22-A	MT-64
28.575	14	23.75	26.52	12.7	CH-1261	TR-23	CH-1262	TR-23-A	MT-65
28.575	15	24.43	27.20	12.7	CH-1263	TR-24	CH-1264	TR-24-A	MT-65
28.575	16	24.43	27.20	12.7	CH-1263	TR-24	CH-1264	TR-24-A	MT-65
28.575	17	25.15	27.91	12.7	CH-1267	TR-26	CH-1268	TR-26-A	MT-66
28.575	18	25.15	27.91	12.7	CH-1267	TR-26	CH-1268	TR-26-A	MT-66

All dimensions are in mm. Column groups 38.10 and 57.15 refer to roll length. G.A. is the original wall gauge code. A dash means no part number is listed.

CH-1200

Size selection - part 3

Tube OD	G.A.	Min. ID	Max. exp.	Drive square	Tool 38.10	Roll set 38.10	Tool 57.15	Roll set 57.15	Mandrel
31.75	8	22.88	25.60	12.7	CH-1265	TR-25	CH-1266	TR-25-A	MT-65
31.75	9	23.75	26.52	12.7	CH-1261	TR-23	CH-1262	TR-23-A	MT-65
31.75	10	24.43	27.20	12.7	CH-1263	TR-24	CH-1264	TR-24-A	MT-65
31.75	11	25.15	27.91	12.7	CH-1267	TR-26	CH-1268	TR-26-A	MT-66
31.75	12	25.73	28.50	12.7	CH-1269	TR-27	CH-1270	TR-27-A	MT-66
31.75	13	26.44	29.21	12.7	CH-1271	TR-28	CH-1272	TR-28-A	MT-67
31.75	14	26.92	29.69	12.7	CH-1273	TR-29	CH-1274	TR-29-A	MT-67
31.75	15	27.61	30.38	12.7	CH-1275	TR-30	CH-1276	TR-30-A	MT-67
31.75	16	27.61	30.38	12.7	CH-1275	TR-30	CH-1276	TR-30-A	MT-67
34.925	8	26.06	28.83	12.7	CH-1277	TR-31	CH-1278	TR-31-A	MT-67
34.925	9	26.92	29.69	12.7	CH-1273	TR-29	CH-1274	TR-29-A	MT-67
34.925	10	27.61	30.38	12.7	CH-1275	TR-30	CH-1276	TR-30-A	MT-67
34.925	11	28.32	31.09	12.7	CH-1279	TR-30	CH-1280	TR-30-A	MT-68
34.925	12	28.78	31.55	12.7	CH-1281	TR-32	CH-1282	TR-32-A	MT-68
34.925	13	29.46	32.38	12.7	CH-1283	TR-33	CH-1284	TR-33-A	MT-69
34.925	14	29.95	32.87	12.7	CH-1285	TR-34	CH-1286	TR-34-A	MT-70
34.925	15	30.63	33.55	12.7	CH-1287	TR-35	CH-1288	TR-35-A	MT-70
34.925	16	30.63	33.55	12.7	CH-1287	TR-35	CH-1288	TR-35-A	MT-70
38.1	8	29.08	32.00	12.7	CH-1289	TR-34	CH-1290	TR-34-A	MT-69
38.1	9	29.95	32.87	12.7	CH-1285	TR-34	CH-1286	TR-34-A	MT-70
38.1	10	30.63	33.55	12.7	CH-1287	TR-35	CH-1288	TR-35-A	MT-70
38.1	11	31.37	34.29	12.7	CH-1291	TR-36	CH-1292	TR-36-A	MT-70
38.1	12	31.93	34.85	12.7	CH-1293	TR-37	CH-1294	TR-37-A	MT-70
38.1	13	32.64	35.56	12.7	CH-1295	TR-37	CH-1296	TR-37-A	MT-71
38.1	14	32.64	35.56	12.7	CH-1295	TR-37	CH-1296	TR-37-A	MT-71
38.1	15	33.81	36.73	12.7	CH-1297	TR-38	CH-1298	TR-38-A	MT-71
38.1	16	33.81	36.73	12.7	CH-1297	TR-38	CH-1298	TR-38-A	MT-71
44.45	8	35.70	38.90	12.7	CH-1299	TR-38	CH-1299RL	TR-38-A	MT-72

All dimensions are in mm. Column groups 38.10 and 57.15 refer to roll length. G.A. is the original wall gauge code. A dash means no part number is listed.

The original metric values and part numbers are retained, including 23.57 mm for OD 28.575 mm, G.A. 13. Confirm that entry for the intended application. Maximum tool expansion is not a prescribed finished tube dimension.