

E. BASSOONS

| Heckel | | | Riedl | | | Kohlert | | |
|----------|-------|------|----------|-------|------|----------|-------|------|
| d_1 | l_G | | d_1 | l_G | | d_1 | l_G | |
| reed a) | | | reed a) | | | reed a) | | |
| (1.2) 0 | 12.5 | 641 | (1.2) 0 | 12.5 | 630 | (1.2) 0 | 13.0 | 669 |
| 5.2 49 | 13.0 | 679 | 5.2 49 | 13.0 | 664 | 5.2 49 | 13.5 | 702 |
| 5.2 58 | 13.5 | 713 | 5.2 58 | 13.5 | 700 | 5.2 58 | 14.0 | 753 |
| | 14.0 | 747 | | 14.0 | 736 | | 14.5 | 790 |
| | 14.5 | 780 | | 14.5 | 775 | | 15.0 | 823 |
| | 15.0 | 817 | | 15.0 | 811 | | 15.5 | 861 |
| crook | 15.5 | 863 | crook | 15.5 | 845 | crook | 14.9 | 861 |
| 4.0 49 | 15.8 | 866 | 3.9 49 | 15.8 | 854 | 4.2 49 | 15.0 | 874 |
| 4.35 74 | 15.3 | 866 | 4.5 74 | 16.6 | 854 | 4.8 69 | 15.25 | 895 |
| 4.8 99 | 15.5 | 880 | 5.0 99 | 16.8 | 883 | 5.2 89 | 15.5 | 912 |
| 5.15 124 | 16.0 | 915 | 5.6 124 | 17.0 | 907 | 5.5 109 | 15.75 | 931 |
| 5.4 149 | 16.5 | 950 | 5.95 149 | 17.5 | 945 | 5.9 129 | 16.0 | 948 |
| 6.0 174 | 17.0 | 988 | 6.45 174 | 18.0 | 987 | 6.2 149 | 16.25 | 971 |
| 6.49 199 | 17.5 | 1025 | 6.7 199 | 18.5 | 1033 | 6.5 169 | 16.5 | 1005 |
| 6.8 224 | 18.0 | 1060 | 7.15 224 | 19.0 | 1078 | 6.8 189 | 16.75 | 1026 |
| 7.1 249 | 18.5 | 1096 | 7.35 249 | 19.5 | 1128 | 7.0 209 | 17.0 | 1043 |
| 7.6 274 | 19.0 | 1129 | 7.55 274 | 20.0 | 1195 | 7.4 229 | 17.5 | 1081 |
| 7.67 299 | 19.5 | 1167 | 7.8 299 | 20.3 | 1196 | 7.6 249 | 18.0 | 1133 |
| 7.95 324 | 20.0 | 1209 | 8.0 314 | 20.1 | 1196 | 7.9 269 | 18.5 | 1165 |
| 8.3 344 | 20.5 | 1209 | 8.15 329 | 20.3 | 1250 | 8.2 289 | 19.0 | 1192 |
| 8.6 377 | 20.8 | 1257 | 8.5 369 | 20.5 | 1250 | 8.4 309 | ? | 1192 |
| | 21.0 | 1257 | | 21.0 | 1267 | 8.7 329 | ? | 1239 |
| tube | 21.5 | 1277 | tube | 21.5 | 1291 | 9.2 357 | ? | 1239 |
| 8.8 377 | 22.0 | 1308 | 8.8 369 | 22.0 | 1329 | 9.3 375 | 20.5 | 1239 |
| 9.0 393 | 22.5 | 1342 | 9.0 377 | 22.5 | 1350 | | 21.0 | 1277 |
| 9.5 439 | 23.0 | 1376 | 9.5 415 | 23.0 | 1392 | tube | 21.5 | 1303 |
| 10.0 466 | 23.5 | 1414 | 10.0 452 | 23.5 | 1437 | 8.5 375 | 22.0 | 1333 |
| 10.5 497 | 24.0 | 1448 | 10.5 484 | 24.0 | 1473 | 9.0 405 | 22.5 | 1397 |
| 11.0 534 | 24.5 | 1487 | 11.0 524 | 24.5 | 1502 | 9.5 422 | 23.0 | 1422 |
| 11.5 570 | | | 11.5 559 | 25.0 | 1535 | 10.0 446 | 23.5 | 1448 |
| 12.0 604 | | | 12.0 592 | | | 10.5 491 | 24.0 | 1486 |
| | | | | | | 11.0 529 | 24.5 | 1550 |
| | | | | | | 11.5 569 | 25.0 | 1578 |
| | | | | | | 12.0 605 | 25.0 | 1578 |
| | | | | | | 12.5 633 | 50.0 | 2513 |

a) Volume of reed = $675 \pm 25 \text{ mm}^3$, b) $R_0 = 14 \text{ mm}$, c) $R_0 = 15 \text{ mm}$, d) $R_0 \approx 13 \text{ mm}$.