

Boiler Tube Expanders 114 Series
 We are offering **Boiler Tube Expanders 114 Series**
2"- 4 1/2" O.D.



| Tube O.D. | Tube Thickness | | Tube O.D. | Tube Thickness | | Minimum I.D. Tool Enters | | Maximum Expansion of Tool | | Tube Expander Model Number Tube Sheet Thickness Range | | | | |
|-----------|----------------|-------------|-----------|----------------|-------------|--------------------------|-------|---------------------------|-------|---|--------------|----------------|------------------|------------------|
| | inch | bwg | | inch | bwg | inch | mm | inch | mm | inch | 1/2" To 7/8" | 3/4" To 1.1/8" | 1.1/8" To 1.5/8" | 1.5/8" To 2.1/8" |
| 2 | 4 & 5 | .238 & .220 | 1.3/4 | 11 - 13 | .120 - .095 | 36.1 | 1.421 | 43.1 | 1.696 | - | 14172 | 14174 | 14176 | 14178 |
| 2 | 6 & 7 | .203 & .180 | 1.3/4 | 14 - 16 | .480 - .065 | 37.6 | 1.480 | 44.6 | 1.755 | - | 14182 | 14184 | 14186 | 14188 |
| 2 | 7 & 8 | .180 & .165 | - | - | - | 39.2 | 1.543 | 46.4 | 1.826 | 14191 | 14192 | 14194 | 14196 | 14198 |
| 2 | 9 & 10 | .148 & .134 | 2.1/4 | 13 | .095 | 40.8 | 1.606 | 48.0 | 1.889 | 14201 | 14202 | 14204 | 14206 | 14208 |
| 2 | 11-13 | .120 & .095 | 2.1/4 | 4 & 5 | .238 & .220 | 42.4 | 1.669 | 49.6 | 1.952 | 14211 | 14212 | 14214 | 14216 | 14218 |
| 2.1/2 | 2 | .284 | 2.1/4 | 6 - 8 | .203 - .165 | 45.2 | 1.779 | 52.6 | 2.070 | - | 14222 | 14224 | 14226 | 14228 |
| 2.1/2 | 3 & 4 | .259 & .238 | 2.1/4 | 9 - 11 | .148 - .120 | 46.8 | 1.842 | 54.2 | 2.133 | - | 14232 | 14234 | 14236 | 14238 |
| 2.1/2 | 4 - 6 | .238 - .203 | 2.1/4 | 12 - 15 | .109 - .072 | 48.4 | 1.905 | 57.3 | 2.255 | - | 14242 | 14244 | 14246 | 14248 |
| 2.1/2 | 7 - 10 | .180 - .134 | 2.3/4 | 2 & 3 | .284 & .259 | 51.5 | 2.027 | 60.5 | 2.381 | - | 14252 | 14254 | 14256 | 14258 |
| 2.1/2 | 11-13 | .120 - .095 | 2.3/4 | 4 & 5 | .238 & .220 | 54.7 | 2.153 | 63.7 | 2.507 | 14261 | 14262 | 14264 | 14266 | 14268 |
| 3 | 1 - 3 | .300 - .259 | 2.3/4 | 6 - 10 | .203 - .134 | 57.1 | 2.248 | 66.6 | 2.622 | - | 14272 | 14274 | 14276 | 14278 |
| 3 | 4 - 6 | .238 - .203 | 2.3/4 | 11 - 15 | .120 - .072 | 60.3 | 2.374 | 70.0 | 2.755 | - | 14282 | 14284 | 14286 | 14288 |
| 3 | 7 - 11 | .180 - .120 | 3.1/4 | 1 - 4 | .300 - .238 | 63.5 | 2.500 | 73.9 | 2.909 | - | 14292 | 14294 | 14296 | 14298 |
| 3 | 10-12 | .134 - .109 | 3.1/4 | 4 - 7 | .238 - .180 | 66.6 | 2.622 | 77.3 | 3.043 | 14301 | 14302 | 14304 | 14306 | 14308 |
| 3.1/2 | 1 - 4 | .300 - .238 | 3.1/4 | 7 - 11 | .180 - .120 | 69.8 | 2.748 | 80.1 | 3.153 | - | 14312 | 14314 | 14316 | 14318 |
| 3.1/2 | 4 - 7 | .238 - .180 | 3.1/4 | 10 - 15 | .134 - .072 | 73.0 | 2.874 | 83.4 | 3.283 | - | 14322 | 14324 | 14326 | 14328 |
| 3.1/2 | 7 - 11 | .180 - .120 | 3.3/4 | 2 & 3 | .284 & .259 | 76.2 | 3.000 | 86.8 | 3.417 | - | 14332 | 14334 | 14336 | 14338 |
| 3.1/2 | 10-12 | .134 - .109 | 3.3/4 | 4 & 5 | .238 & .220 | 79.3 | 3.122 | 89.8 | 3.535 | - | 14342 | 14344 | 14346 | 14348 |
| 4 | 1 - 4 | .300 - .238 | 3.3/4 | 6 - 10 | .203 - .134 | 82.5 | 3.248 | 93.0 | 3.661 | - | 14352 | 14354 | 14356 | 14358 |
| 4 | 4 - 7 | .238 - .180 | 3.3/4 | 11 - 15 | .120 - .072 | 85.7 | 3.374 | 96.0 | 3.779 | - | 14362 | 14364 | 14366 | 14368 |
| 4 | 7 - 11 | .180 - .120 | 4.1/4 | 2 & 3 | .284 & .259 | 88.9 | 3.500 | 98.6 | 3.881 | - | 14372 | 14374 | 14376 | 14378 |
| 4 | 8 - 12 | .165 - .109 | 4.1/4 | 3 & 5 | .259 & .220 | 90.5 | 3.562 | 102.3 | 4.027 | - | 14382 | 14384 | 14386 | 14388 |
| 4.1/2 | 1 - 4 | .300 - .238 | 4.1/4 | 6 - 9 | .203 - .148 | 95.2 | 3.748 | 104.7 | 4.122 | - | 14392 | 14394 | 14396 | 14398 |
| 4.1/2 | 3 - 8 | .238 - .165 | 4.1/4 | 10 - 13 | .134 - .095 | 98.4 | 3.874 | 110.3 | 4.342 | - | 14402 | 14404 | 14406 | 14408 |
| 4.1/2 | 6 - 12 | .203 - .109 | - | - | - | 101.5 | 4.000 | 113.5 | 4.468 | - | 14412 | 14414 | 14416 | 14418 |