

CROW CAMS



VALVE SPRING SPECIFICATION GUIDE

www.crowcams.com.au
sales@crowcams.com.au

SINGLE SPRINGS



| Part No | 4403 | 4164 | 2021 | 4038 | 4931 | 4828 | 6038 |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| Outer Ø | 1.000" | 1.048" | 1.140" | 1.190" | 1.240" | 1.250" | 1.250" |
| Inside Ø | 0.710" | 0.750" | 0.840" | 0.850" | 0.88 | 0.870" | 0.800" |
| Damper | No | No | No | No | Yes | No | No |
| Coil Bind | 0.935" | 0.815" | 0.740" | 0.900" | 1.170 | 1.060" | 1.160" |
| Rate lb/inch | 250 | 260 | 217 | 325 | 305 | 355 | 310 |

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2.200" | | | | | | | |
| 2.150" | | | | | | | |
| 2.100" | | | | | | | |
| 2.050" | | | | | | | |
| 2.000" | | | | | | | |
| 1.950" | | | | | | | |
| 1.900" | | | | | | 39 | |
| 1.850" | | | | | 46 | 56 | |
| 1.800" | | | | | 59 | 72 | 51 |
| 1.750" | | | | | 73 | 90 | 66 |
| 1.700" | | | | | 88 | 105 | 79 |
| 1.650" | 37 | | | 33 | 103 | 121 | 95 |
| 1.600" | 46 | | | 48 | 118 | 138 | 109 |
| 1.550" | 55 | 31 | | 61 | 132 | 155 | 125 |
| 1.500" | 65 | 42 | 27 | 76 | 147 | 173 | 141 |
| 1.450" | 76 | 52 | 36 | 91 | 163 | 190 | 157 |
| 1.400" | 86 | 64 | 47 | 106 | 178 | 208 | 173 |
| 1.350" | 98 | 76 | 58 | 120 | 194 | 225 | 190 |
| 1.300" | 110 | 88 | 69 | 138 | 210 | 245 | 208 |
| 1.250" | 122 | 101 | 79 | 156 | 226 | 264 | 226 |
| 1.200" | 135 | 114 | 91 | 174 | | 284 | 247 |
| 1.150" | 148 | 128 | 101 | 192 | | 304 | |
| 1.100" | 162 | 143 | 113 | 210 | | 328 | |
| 1.050" | 176 | 157 | 124 | 228 | | | |
| 1.000" | 191 | 172 | 136 | 248 | | | |
| 0.950" | | 189 | 148 | 272 | | | |
| 0.900" | | 206 | 160 | | | | |
| 0.850" | | 223 | 174 | | | | |
| 0.800" | | | 189 | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

SINGLE SPRINGS



| Part No | 4719 | 4833 | 4843 | 4845 | 4823 | 5825 | 5827 |
|---------------|--------|--------|--------|--------|--------|--------|--------|
| Outer ϕ | 1.260" | 1.260" | 1.260" | 1.260" | 1.280" | 1.330" | 1.330" |
| Inside ϕ | 0.935" | 0.890" | 0.880" | 0.880" | 0.935" | 0.980" | 0.990" |
| Damper | No | Yes | Yes | Yes | Yes | No | No |
| Coil Bind | 0.930" | 1.080" | 1.160" | 1.160" | 0.950" | 0.920" | 0.840" |
| Rate lb/inch | 185 | 420 | 406 | 422 | 260 | 245 | 245 |

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2.200" | | | | | | | |
| 2.150" | | | | | | | |
| 2.100" | | | | | | | |
| 2.050" | | | | | | | |
| 2.000" | | | | 43 | | | |
| 1.950" | | | | 61 | | | |
| 1.900" | 45 | 40 | 37 | 77 | 57 | | |
| 1.850" | 53 | 57 | 55 | 94 | 67 | | |
| 1.800" | 61 | 74 | 73 | 111 | 77 | | |
| 1.750" | 70 | 90 | 93 | 128 | 88 | | |
| 1.700" | 79 | 107 | 111 | 146 | 98 | 41 | |
| 1.650" | 88 | 124 | 129 | 164 | 108 | 53 | |
| 1.600" | 97 | 142 | 149 | 182 | 119 | 64 | 49 |
| 1.550" | 105 | 162 | 168 | 201 | 130 | 76 | 59 |
| 1.500" | 114 | 182 | 188 | 220 | 143 | 88 | 70 |
| 1.450" | 123 | 202 | 208 | 239 | 155 | 100 | 81 |
| 1.400" | 132 | 223 | 229 | 261 | 168 | 110 | 92 |
| 1.350" | 141 | 246 | 250 | 284 | 182 | 123 | 105 |
| 1.300" | 151 | 269 | 270 | 308 | 198 | 135 | 117 |
| 1.250" | 161 | 293 | 291 | 332 | 213 | 146 | 130 |
| 1.200" | 171 | 317 | 314 | 357 | 228 | 158 | 144 |
| 1.150" | 181 | 345 | | | 243 | 171 | 157 |
| 1.100" | 192 | | | | 259 | 187 | 172 |
| 1.050" | 203 | | | | 276 | 202 | 187 |
| 1.000" | 215 | | | | 295 | 218 | 201 |
| 0.950" | | | | | | | 217 |
| 0.900" | | | | | | | 235 |
| 0.850" | | | | | | | |
| 0.800" | | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

SINGLE SPRINGS



| Part No | 1025 | 5088 | 5092 | 5094 | 7739 | 7736 | 5091 | 9731 |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Outer Ø | 1.370" | 1.370" | 1.375" | 1.420" | 1.420" | 1.440" | 1.500" | 1.550" |
| Inside Ø | 1.010" | 0.970" | 1.000" | 1.010" | 1.030" | 1.040" | 1.080" | 1.125" |
| Damper | No | No | No | No | Yes | Yes | Yes | Yes |
| Coil Bind | 0.970" | 1.190" | 1.030" | 1.270" | 1.115" | 1.120" | 1.095" | 1.100" |
| Rate lb/inch | 235 | 345 | 258 | 350 | 325 | 340 | 350 | 365 |

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2.200" | | | | | | | | |
| 2.150" | | | | | | | | |
| 2.100" | | | | | | | | 65 |
| 2.050" | | | | | | | | 78 |
| 2.000" | | | | | | | | 91 |
| 1.950" | | | | | 58 | | | 105 |
| 1.900" | 56 | 37 | | 55 | 74 | 57 | | 119 |
| 1.850" | 66 | 53 | | 70 | 89 | 71 | | 133 |
| 1.800" | 76 | 69 | 41 | 85 | 104 | 86 | 49 | 148 |
| 1.750" | 86 | 85 | 52 | 100 | 119 | 100 | 65 | 163 |
| 1.700" | 97 | 100 | 64 | 114 | 133 | 115 | 82 | 180 |
| 1.650" | 107 | 117 | 75 | 131 | 150 | 131 | 100 | 197 |
| 1.600" | 118 | 132 | 86 | 146 | 165 | 146 | 117 | 217 |
| 1.550" | 126 | 149 | 98 | 162 | 181 | 162 | 135 | 238 |
| 1.500" | 140 | 166 | 110 | 178 | 197 | 177 | 152 | 259 |
| 1.450" | 151 | 184 | 124 | 197 | 214 | 193 | 170 | 279 |
| 1.400" | 163 | 202 | 137 | 217 | 232 | 211 | 187 | 303 |
| 1.350" | 176 | 220 | 151 | 239 | 249 | 228 | 205 | 327 |
| 1.300" | 189 | 239 | 164 | | 266 | 247 | 223 | 353 |
| 1.250" | 201 | 258 | 178 | | 286 | 266 | 240 | 379 |
| 1.200" | 215 | | 193 | | 306 | 286 | 259 | 409 |
| 1.150" | 228 | | 207 | | | | 279 | 440 |
| 1.100" | 241 | | 222 | | | | | |
| 1.050" | 256 | | | | | | | |
| 1.000" | 272 | | | | | | | |
| 0.950" | | | | | | | | |
| 0.900" | | | | | | | | |
| 0.850" | | | | | | | | |
| 0.800" | | | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

DUAL SPRINGS



| Part No | 4177 | 2834 | 4250 | 1237X | 1238X | 4334 | 4438 |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| Outer Ø | 1.110" | 1.150" | 1.215" | 1.275" | 1.275" | 1.280" | 1.290" |
| Inside Ø Outer | 0.825" | 0.840" | 0.930" | 0.900" | 0.900" | 0.940" | 0.950" |
| Inside Ø Inner | 0.650" | 0.610" | 0.690" | 0.630" | 0.630" | 0.710" | 0.694" |
| Damper | No | No | No | No | No | No | No |
| Coil Bind | 0.710" | 0.800" | 0.830" | 1.060" | 0.990" | 0.950" | 1.020" |
| Rate lb/inch | 260 | 350 | 249 | 550 | 600 | 330 | 360 |

All dual springs are measured with a +0.100" spacer on inner spring

| CHECK HEIGHT | | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|-----|---------------|---------------|---------------|---------------|---------------|---------------|
| 2.350" | | | | | | | |
| 2.300" | | | | | | | |
| 2.250" | | | | | | | |
| 2.200" | | | | | | | |
| 2.150" | | | | | | | |
| 2.100" | | | | 62 | 83 | | 64 |
| 2.050" | | | | 85 | 110 | | 78 |
| 2.000" | | | | 112 | 138 | | 94 |
| 1.950" | | | | 137 | 165 | | 110 |
| 1.900" | | | | 162 | 193 | 66 | 126 |
| 1.850" | | | | 190 | 221 | 81 | 143 |
| 1.800" | | | | 215 | 248 | 95 | 159 |
| 1.750" | | | | 242 | 277 | 109 | 175 |
| 1.700" | | | | 267 | 306 | 123 | 192 |
| 1.650" | | | | 294 | 334 | 139 | 208 |
| 1.600" | | | 39 | 320 | 362 | 153 | 226 |
| 1.550" | | | 48 | 346 | 392 | 167 | 245 |
| 1.500" | | 43 | 59 | 373 | 423 | 181 | 263 |
| 1.450" | | 60 | 70 | 401 | 451 | 196 | 280 |
| 1.400" | 45 | 76 | 82 | 429 | 485 | 211 | 298 |
| 1.350" | 55 | 93 | 94 | 457 | 517 | 228 | 318 |
| 1.300" | 66 | 110 | 106 | 484 | 549 | 246 | 337 |
| 1.250" | 77 | 128 | 118 | 515 | 582 | 265 | 357 |
| 1.200" | 89 | 145 | 131 | 544 | 612 | 282 | 378 |
| 1.150" | 100 | 163 | 144 | 573 | 645 | 300 | 402 |
| 1.100" | 112 | 181 | 157 | 605 | 681 | 318 | 426 |
| 1.050" | 124 | 199 | 170 | | 716 | 338 | |
| 1.000" | 138 | 218 | 184 | | | 357 | |
| 0.950" | 152 | 239 | 197 | | | | |
| 0.900" | 166 | 261 | 210 | | | | |
| 0.850" | 182 | 286 | | | | | |
| 0.800" | 199 | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

DUAL SPRINGS



| Part No | 1207X | 4439 | 1335 | 1209X | 5835 | 5833 | 5840 |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| Outer Ø | 1.304" | 1.304" | 1.310" | 1.324" | 1.330" | 1.335" | 1.340" |
| Inside Ø Outer | 0.950" | 0.950" | 0.900" | 0.980" | 0.970" | 0.990" | 1.000" |
| Inside Ø Inner | 0.680" | 0.694" | 0.615" | 0.680" | 0.720" | 0.770" | 0.720" |
| Damper | No | No | No | No | No | No | No |
| Coil Bind | 1.000" | 1.020" | 0.980" | 1.000" | 1.000" | 0.860" | 0.850" |
| Rate lb/inch | 433 | 393 | 813 | 500 | 335 | 330 | 350 |

All dual springs are measured with a +0.100" spacer on inner spring

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2.350" | | | | | | | |
| 2.300" | | | | | | | |
| 2.250" | | | | | | | |
| 2.200" | | | | | | | |
| 2.150" | | | | | | | |
| 2.100" | | 63 | 71 | | | | |
| 2.050" | 73 | 81 | 103 | 68 | | | |
| 2.000" | 93 | 98 | 137 | 90 | | | |
| 1.950" | 112 | 116 | 170 | 112 | | | |
| 1.900" | 132 | 134 | 207 | 135 | | | |
| 1.850" | 151 | 152 | 243 | 157 | | | |
| 1.800" | 171 | 171 | 277 | 180 | | | |
| 1.750" | 191 | 189 | 312 | 202 | 62 | 51 | |
| 1.700" | 212 | 207 | 348 | 225 | 77 | 63 | 57 |
| 1.650" | 233 | 226 | 383 | 247 | 92 | 77 | 71 |
| 1.600" | 254 | 245 | 421 | 271 | 107 | 91 | 87 |
| 1.550" | 276 | 265 | 458 | 295 | 123 | 106 | 103 |
| 1.500" | 300 | 285 | 496 | 319 | 137 | 121 | 119 |
| 1.450" | 321 | 304 | 532 | 342 | 153 | 136 | 136 |
| 1.400" | 343 | 326 | 572 | 367 | 168 | 151 | 152 |
| 1.350" | 366 | 345 | 613 | 394 | 185 | 167 | 169 |
| 1.300" | 391 | 368 | 655 | 420 | 202 | 183 | 189 |
| 1.250" | 414 | 389 | 692 | 446 | 218 | 200 | 207 |
| 1.200" | 437 | 410 | 740 | 472 | 236 | 217 | 227 |
| 1.150" | 464 | 435 | 784 | 501 | 253 | 234 | 245 |
| 1.100" | 494 | 462 | 832 | 530 | 271 | 252 | 265 |
| 1.050" | 523 | | 883 | 564 | 291 | 273 | 286 |
| 1.000" | | | | | | 292 | 306 |
| 0.950" | | | | | | 312 | 329 |
| 0.900" | | | | | | 335 | 354 |
| 0.850" | | | | | | | |
| 0.800" | | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

DUAL SPRINGS



| Part No | 7333 | 7331 | 7342 | 7437 | 8937 | 8337 | 4910 |
|----------------|--------|--------|--------|--------|--------|--------|--------|
| Outer Ø | 1.455" | 1.460" | 1.470" | 1.470" | 1.535" | 1.545" | 1.550" |
| Inside Ø Outer | 1.090" | 1.090" | 1.090" | 1.090" | 1.120" | 1.150" | 1.136" |
| Inside Ø Inner | 0.820" | 0.810" | 0.800" | 0.730" | 0.755" | 0.755" | 0.812" |
| Damper | No | No | No | Yes | Yes | Yes | No |
| Coil Bind | 1.000" | 1.060" | 1.050" | 1.050" | 1.130" | 1.130" | 1.130" |
| Rate lb/inch | 320 | 330 | 380 | 380 | 390 | 475 | 550 |

All dual springs are measured with a +0.100" spacer on inner spring

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2.350" | | | | | | | |
| 2.300" | | | | | | | |
| 2.250" | | | | | | | |
| 2.200" | | 55 | | | | | 94 |
| 2.150" | | 70 | | | | | 119 |
| 2.100" | | 85 | | | 62 | 62 | 144 |
| 2.050" | 61 | 100 | | | 80 | 81 | 167 |
| 2.000" | 74 | 115 | 68 | 65 | 97 | 102 | 191 |
| 1.950" | 89 | 130 | 85 | 83 | 115 | 123 | 218 |
| 1.900" | 104 | 145 | 103 | 100 | 133 | 143 | 241 |
| 1.850" | 118 | 160 | 123 | 118 | 152 | 165 | 268 |
| 1.800" | 133 | 176 | 141 | 135 | 171 | 186 | 292 |
| 1.750" | 147 | 192 | 159 | 153 | 190 | 208 | 319 |
| 1.700" | 162 | 208 | 178 | 172 | 208 | 231 | 346 |
| 1.650" | 177 | 224 | 197 | 190 | 227 | 256 | 374 |
| 1.600" | 191 | 240 | 215 | 209 | 248 | 278 | 401 |
| 1.550" | 207 | 258 | 234 | 228 | 268 | 304 | 430 |
| 1.500" | 223 | 275 | 252 | 247 | 287 | 328 | 459 |
| 1.450" | 239 | 292 | 272 | 268 | 309 | 353 | 489 |
| 1.400" | 256 | 310 | 291 | 287 | 328 | 379 | 518 |
| 1.350" | 274 | 328 | 309 | 309 | 352 | 409 | 549 |
| 1.300" | 291 | 347 | 330 | 330 | 373 | 437 | 579 |
| 1.250" | 309 | 365 | 350 | 352 | 397 | 468 | 610 |
| 1.200" | 327 | 385 | 373 | 375 | 421 | 499 | 641 |
| 1.150" | 346 | 405 | 397 | 400 | | | |
| 1.100" | 366 | 427 | 421 | 425 | | | |
| 1.050" | 386 | | | | | | |
| 1.000" | | | | | | | |
| 0.950" | | | | | | | |
| 0.900" | | | | | | | |
| 0.850" | | | | | | | |
| 0.800" | | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

DUAL SPRINGS



| Part No | 4920 | 1940 | 1924 |
|----------------|--------|--------|--------|
| Outer Ø | 1.550" | 1.560" | 1.560" |
| Inside Ø Outer | 1.100" | 1.140" | 1.170" |
| Inside Ø Inner | 0.788" | 0.750" | 0.765" |
| Damper | No | Yes | Yes |
| Coil Bind | 1.150" | 1.120" | 1.160" |
| Rate lb/inch | 640 | 450 | 430 |

All dual springs are measured with a +0.100" spacer on inner spring

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|---------------|
| 2.350" | | | |
| 2.300" | | | |
| 2.250" | | | |
| 2.200" | 156 | 80 | |
| 2.150" | 187 | 102 | |
| 2.100" | 216 | 124 | 71 |
| 2.050" | 246 | 145 | 90 |
| 2.000" | 277 | 165 | 108 |
| 1.950" | 306 | 186 | 127 |
| 1.900" | 335 | 207 | 146 |
| 1.850" | 366 | 229 | 166 |
| 1.800" | 396 | 250 | 184 |
| 1.750" | 428 | 274 | 204 |
| 1.700" | 458 | 295 | 223 |
| 1.650" | 489 | 319 | 242 |
| 1.600" | 519 | 343 | 263 |
| 1.550" | 551 | 367 | 284 |
| 1.500" | 584 | 391 | 307 |
| 1.450" | 620 | 416 | 330 |
| 1.400" | 651 | 442 | 353 |
| 1.350" | 685 | 468 | 379 |
| 1.300" | 720 | 496 | 405 |
| 1.250" | 758 | 525 | 432 |
| 1.200" | 802 | 556 | 458 |
| 1.150" | | | |
| 1.100" | | | |
| 1.050" | | | |
| 1.000" | | | |
| 0.950" | | | |
| 0.900" | | | |
| 0.850" | | | |
| 0.800" | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

BEEHIVE SPRINGS



| Part No | 1810 | 1234X | 1808 | 1804 | 1809 | 1832 | 4435 |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| BEEHIVE | | | | | | | |
| Inside Ø Top | 0.520" | 0.525" | 0.650" | 0.640" | 0.650" | 0.580" | 0.640" |
| Outer Ø Top | 0.800" | 0.848" | 0.980" | 1.000" | 0.980" | 0.950" | 1.070" |
| Inside Ø Bottom | 0.630" | 0.698" | 0.730" | 0.700" | 0.730" | 0.740" | 0.800" |
| Outer Ø Bottom | 0.920" | 1.021" | 1.060" | 1.070" | 1.070" | 1.110" | 1.210" |
| | | | | | | | |
| Coil Bind | 1.000" | 0.930" | 0.880" | 1.020" | 0.880" | 0.890" | 1.120" |
| Rate lb/inch | 320 | 240 | 220 | 280 | 208 | 310 | 350 |
| | | | | | | | |
| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
| 2.350" | | | | | | | |
| 2.300" | | | | | | | |
| 2.250" | | | | | | | |
| 2.200" | | | | | | | |
| 2.150" | | | | | | | |
| 2.100" | | | | | | | |
| 2.050" | | | | | | | |
| 2.000" | | | | | | | 67 |
| 1.950" | | | | | | | 83 |
| 1.900" | | | | | | | 101 |
| 1.850" | | | | 49 | | | 117 |
| 1.800" | | 55 | | 62 | | | 134 |
| 1.750" | | 63 | | 76 | | | 150 |
| 1.700" | | 72 | 45 | 89 | 68 | | 167 |
| 1.650" | | 82 | 55 | 102 | 76 | | 185 |
| 1.600" | 43 | 92 | 64 | 115 | 85 | 53 | 202 |
| 1.550" | 55 | 103 | 73 | 129 | 94 | 68 | 219 |
| 1.500" | 68 | 115 | 84 | 143 | 103 | 83 | 236 |
| 1.450" | 81 | 127 | 94 | 156 | 113 | 98 | 253 |
| 1.400" | 94 | 140 | 103 | 169 | 123 | 113 | 270 |
| 1.350" | 108 | 152 | 114 | 183 | 133 | 128 | 288 |
| 1.300" | 121 | 165 | 125 | 198 | 143 | 144 | 308 |
| 1.250" | 135 | 177 | 136 | 212 | 153 | 159 | 328 |
| 1.200" | 151 | 189 | 146 | 226 | 164 | 175 | 351 |
| 1.150" | 167 | 203 | 158 | 241 | 173 | 191 | 373 |
| 1.100" | 184 | 217 | 170 | 256 | 184 | 209 | |
| 1.050" | 200 | 232 | 181 | 314 | 194 | 227 | |
| 1.000" | | 247 | 193 | | 206 | 246 | |
| 0.950" | | 266 | 206 | | 217 | 266 | |
| 0.900" | | | 226 | | 230 | | |
| 0.850" | | | | | | | |
| 0.800" | | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

BEEHIVE SPRINGS



| Part No | 1282X | 1511ML | 4511X | 4231 | 4918 | 4919 | 4420 |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| BEEHIVE | | | | | | | |
| Inside Ø Top | 0.660" | 0.630" | 0.650" | 0.650" | .650" | 0.650" | 0.650" |
| Outer Ø Top | 1.105" | 1.000" | 1.034" | 1.055" | 1.055" | 1.055" | 1.100" |
| Inside Ø Bottom | 0.825" | 0.910" | 0.906" | 0.855" | 0.885" | 0.885" | 1.000" |
| Outer Ø Bottom | 1.270" | 1.290" | 1.290" | 1.290" | 1.290" | 1.290" | 1.450" |
| | | | | | | | |
| Coil Bind | 1.540" | 1.100" | 1.100" | 1.120" | 1.100" | 1.100" | 1.200" |
| Rate lb/inch | 400 | 384 | 370 | 300 | 313 | 313 | 380 |
| | | | | | | | |
| CHECK HEIGHT | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) | Pressure (lb) |
| 2.350" | 155 | | | | | | |
| 2.300" | 173 | | | | | | |
| 2.250" | 191 | | | | | | |
| 2.200" | 211 | | | | | | 51 |
| 2.150" | 231 | | | | | | 64 |
| 2.100" | 252 | | 45 | | 51 | 68 | 78 |
| 2.050" | 271 | | 63 | | 65 | 81 | 94 |
| 2.000" | 292 | 60 | 81 | 60 | 77 | 93 | 109 |
| 1.950" | 313 | 77 | 99 | 74 | 89 | 105 | 124 |
| 1.900" | 334 | 95 | 116 | 87 | 102 | 118 | 142 |
| 1.850" | 357 | 113 | 133 | 99 | 115 | 131 | 159 |
| 1.800" | 378 | 130 | 150 | 113 | 128 | 143 | 177 |
| 1.750" | 399 | 147 | 167 | 126 | 142 | 157 | 194 |
| 1.700" | 421 | 166 | 186 | 138 | 154 | 170 | 212 |
| 1.650" | 444 | 183 | 205 | 151 | 167 | 184 | 230 |
| 1.600" | 469 | 202 | 223 | 164 | 181 | 199 | 250 |
| 1.550" | 492 | 219 | 241 | 178 | 194 | 214 | 268 |
| 1.500" | | 239 | 260 | 193 | 210 | 231 | 286 |
| 1.450" | | 257 | 279 | 209 | 224 | 248 | 306 |
| 1.400" | | 278 | 296 | 226 | 242 | 265 | 325 |
| 1.350" | | 297 | 316 | 242 | 260 | 283 | 348 |
| 1.300" | | 319 | 335 | 261 | 279 | 302 | 370 |
| 1.250" | | 340 | 354 | 278 | 299 | 320 | 390 |
| 1.200" | | 361 | 374 | 297 | 318 | 342 | |
| 1.150" | | 386 | 402 | 316 | 339 | 361 | |
| 1.100" | | | | | | | |
| 1.050" | | | | | | | |
| 1.000" | | | | | | | |
| 0.950" | | | | | | | |
| 0.900" | | | | | | | |
| 0.850" | | | | | | | |
| 0.800" | | | | | | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed

RUN IN SPRINGS



| Part No | RIS-1.250 | RIS-1.450 |
|--------------|-----------|-----------|
| Outer Ø | 1.260" | 1.450" |
| Inside Ø | 0.935" | 1.090" |
| Damper | No | No |
| Coil Bind | 0.930" | 1.000" |
| Rate lb/inch | 185 | 210 |

| CHECK HEIGHT | Pressure (lb) | Pressure (lb) |
|--------------|---------------|---------------|
| 2.200" | | |
| 2.150" | | |
| 2.100" | | |
| 2.050" | | |
| 2.000" | | 64 |
| 1.950" | | 73 |
| 1.900" | 45 | 81 |
| 1.850" | 53 | 90 |
| 1.800" | 61 | 99 |
| 1.750" | 70 | 108 |
| 1.700" | 79 | 117 |
| 1.650" | 88 | 127 |
| 1.600" | 97 | 136 |
| 1.550" | 105 | 146 |
| 1.500" | 114 | 155 |
| 1.450" | 123 | 166 |
| 1.400" | 132 | 177 |
| 1.350" | 141 | 188 |
| 1.300" | 151 | 199 |
| 1.250" | 161 | 211 |
| 1.200" | 171 | 222 |
| 1.150" | 181 | 235 |
| 1.100" | 192 | 248 |
| 1.050" | 203 | 261 |
| 1.000" | 215 | |
| 0.950" | | |
| 0.900" | | |
| 0.850" | | |
| 0.800" | | |

* Springs are listed in OD order

** Spring pressures can vary approximately plus or minus 5% on the specs listed