

distributed in North America by :



1-800-362-1484
www.BridgeportWorldwide.com

LOAD CAPACITIES

Overview of load values for hinges

The following table provides an overview of the maximum load value for the individual hinge type, taking the interaction of width and height of the door as well as the hinge spacing into account.

The reference load carrying capacity is based on a height /width ratio of 2:1. For example, assuming a reference value with door leaf dimensions of 2000 x 1000 mm (78.8" x 39.4") (H x W), a positioning of 10" from the top and 10" from the bottom to the center of each hinge is required.

For required number of hinges and hinge spacing refer to door manufacturer recommendation.

Values represent hinges positioned 10" from the top and 10" from the bottom to center of each hinge.

Green: load value = reference value, **Orange:** load value < reference value.

REFERENCE VALUE **40 KG** /88 lbs.

TE 240 3D TE 240 3D Energy Kit

| | | | | | | | | | | | | | |
|----------------------------------|---------------------------|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 |
| | 2591 / 102 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 |
| | 2438 / 96 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 38 / 83 |
| | 2388 / 94 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 37 / 81 |
| | 2337 / 92 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 38 / 83 | 36 / 79 |
| | 2286 / 90 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 38 / 83 | 37 / 81 | 35 / 77 |
| | 2235 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 39 / 85 | 39 / 85 | 37 / 81 | 36 / 79 | 34 / 74 |
| | 2184 / 86 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 39 / 85 | 38 / 83 | 36 / 79 | 36 / 79 | 35 / 77 | 35 / 77 | 33 / 72 |
| | 2134 / 84 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 38 / 83 | 37 / 81 | 35 / 77 | 35 / 77 | 34 / 74 | 34 / 74 | 32 / 70 |
| | 2083 / 82 | 40 / 88 | 40 / 88 | 40 / 88 | 40 / 88 | 39 / 85 | 37 / 81 | 35 / 77 | 34 / 74 | 34 / 74 | 33 / 72 | 33 / 72 | 31 / 68 |
| | 2032 / 80 | 40 / 88 | 40 / 88 | 39 / 85 | 38 / 83 | 36 / 79 | 36 / 79 | 34 / 74 | 34 / 74 | 33 / 72 | 33 / 72 | 31 / 68 | 30 / 66 |
| | 1981 / 78 | 40 / 88 | 40 / 88 | 38 / 83 | 36 / 79 | 35 / 77 | 35 / 77 | 33 / 72 | 33 / 72 | 32 / 70 | 32 / 70 | 30 / 66 | 29 / 62 |
| | | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1219 / 48 | 1270 / 50 | 1270 / 50 | 1321 / 52 | 1321 / 52 |
| | → Door width in mm / inch | | | | | | | | | | | | |

REFERENCE VALUE **80 KG** /176 lbs.

TE 340 3D TE 340 3D Energy Kit

| | | | | | | | | | | | | | |
|----------------------------------|---------------------------|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 |
| | 2591 / 102 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 |
| | 2438 / 96 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 78 / 171 |
| | 2388 / 94 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 79 / 174 | 76 / 167 |
| | 2337 / 92 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 76 / 167 | 74 / 163 |
| | 2286 / 90 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 77 / 169 | 74 / 163 | 71 / 156 |
| | 2235 / 88 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 78 / 171 | 75 / 165 | 72 / 158 | 69 / 152 | 69 / 152 |
| | 2184 / 86 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 76 / 167 | 73 / 160 | 70 / 154 | 68 / 149 | 67 / 147 |
| | 2134 / 84 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 77 / 169 | 74 / 163 | 71 / 156 | 68 / 149 | 65 / 143 |
| | 2083 / 82 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 77 / 169 | 75 / 165 | 72 / 158 | 69 / 152 | 69 / 152 | 66 / 145 | 63 / 137 | 63 / 137 |
| | 2032 / 80 | 80 / 176 | 80 / 176 | 80 / 176 | 80 / 176 | 75 / 165 | 72 / 158 | 69 / 152 | 66 / 145 | 66 / 145 | 64 / 141 | 61 / 134 | 61 / 134 |
| | 1981 / 78 | 80 / 176 | 80 / 176 | 77 / 169 | 73 / 160 | 70 / 154 | 70 / 154 | 67 / 147 | 67 / 147 | 64 / 141 | 62 / 136 | 59 / 130 | 59 / 130 |
| | | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1219 / 48 | 1270 / 50 | 1270 / 50 | 1321 / 52 | 1321 / 52 |
| | → Door width in mm / inch | | | | | | | | | | | | |

The specifications above are guidelines. Especially in the case of borderline load requirements, please contact us.

Values represent hinges positioned 10" from the top and 10" from the bottom to center of each hinge (see page 46).

LOAD CAPACITIES



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Overview of load values for hinges

| | | | | | | | | | | |
|----------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 |
| | 2591 / 102 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 |
| | 2438 / 96 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 97 / 213 |
| | 2388 / 94 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 99 / 218 | 95 / 209 |
| | 2337 / 92 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 99 / 218 | 96 / 211 | 92 / 202 |
| | 2286 / 90 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 97 / 213 | 93 / 205 | 90 / 198 |
| | 2235 / 88 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 99 / 218 | 94 / 207 | 91 / 200 | 87 / 191 |
| | 2184 / 86 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 96 / 211 | 92 / 202 | 88 / 194 | 84 / 185 |
| | 2134 / 84 | 100 / 220 | 100 / 220 | 100 / 220 | 100 / 220 | 97 / 213 | 93 / 205 | 89 / 196 | 85 / 187 | 82 / 180 |
| | 2083 / 82 | 100 / 220 | 100 / 220 | 100 / 220 | 98 / 216 | 94 / 207 | 90 / 198 | 86 / 189 | 83 / 182 | 79 / 174 |
| | 2032 / 80 | 100 / 220 | 100 / 220 | 100 / 220 | 94 / 207 | 91 / 200 | 87 / 191 | 83 / 182 | 80 / 176 | 77 / 169 |
| 1981 / 78 | 100 / 220 | 100 / 220 | 96 / 211 | 91 / 200 | 88 / 194 | 84 / 185 | 82 / 180 | 77 / 169 | 74 / 163 | |
| | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1270 / 50 | 1321 / 52 | |

→ Door width in mm / inch

REFERENCE VALUE 100 KG / 220 lbs.

TE 541 3D FVZ**TE 540 3D A8****TE 540 3D A8 Energy Kit**

| | | | | | | | | | | |
|----------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 |
| | 2591 / 102 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 |
| | 2438 / 96 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 117 / 257 |
| | 2388 / 94 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 118 / 260 | 114 / 251 |
| | 2337 / 92 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 115 / 253 | 111 / 244 |
| | 2286 / 90 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 117 / 257 | 112 / 246 | 108 / 238 |
| | 2235 / 88 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 118 / 260 | 113 / 249 | 109 / 240 | 104 / 229 |
| | 2184 / 86 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 115 / 253 | 110 / 242 | 105 / 231 | 101 / 222 |
| | 2134 / 84 | 120 / 264 | 120 / 264 | 120 / 264 | 120 / 264 | 116 / 255 | 111 / 244 | 107 / 235 | 102 / 224 | 98 / 216 |
| | 2083 / 82 | 120 / 264 | 120 / 264 | 120 / 264 | 118 / 260 | 113 / 249 | 108 / 238 | 103 / 227 | 99 / 218 | 95 / 209 |
| | 2032 / 80 | 120 / 264 | 120 / 264 | 120 / 264 | 114 / 251 | 109 / 240 | 104 / 229 | 100 / 220 | 96 / 211 | 92 / 202 |
| 1981 / 78 | 120 / 264 | 120 / 264 | 116 / 255 | 110 / 242 | 105 / 231 | 101 / 222 | 97 / 213 | 93 / 205 | 89 / 196 | |
| | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1270 / 50 | 1321 / 52 | |

→ Door width in mm / inch

REFERENCE VALUE 120 KG / 264 lbs.

TE 526 3D**TE 527 3D****TE 540 3D****TE 526 3D Energy Kit****TE 527 3D Energy Kit****TE 540 3D Energy Kit**

| | | | | | | | | | | |
|----------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 |
| | 2591 / 102 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 |
| | 2438 / 96 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 156 / 343 |
| | 2388 / 94 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 158 / 348 | 152 / 335 |
| | 2337 / 92 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 154 / 339 | 148 / 326 |
| | 2286 / 90 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 155 / 341 | 149 / 328 | 144 / 317 |
| | 2235 / 88 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 158 / 348 | 151 / 332 | 145 / 319 |
| | 2184 / 86 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 153 / 337 | 147 / 324 | 141 / 310 |
| | 2134 / 84 | 160 / 352 | 160 / 352 | 160 / 352 | 160 / 352 | 155 / 341 | 149 / 328 | 142 / 313 | 137 / 302 | 131 / 288 |
| | 2083 / 82 | 160 / 352 | 160 / 352 | 160 / 352 | 156 / 343 | 150 / 330 | 144 / 317 | 138 / 304 | 132 / 291 | 127 / 278 |
| | 2032 / 80 | 160 / 352 | 160 / 352 | 160 / 352 | 153 / 337 | 146 / 321 | 139 / 306 | 134 / 295 | 128 / 282 | 123 / 271 |
| 1981 / 78 | 160 / 352 | 160 / 352 | 158 / 348 | 148 / 326 | 141 / 310 | 135 / 297 | 129 / 284 | 124 / 273 | 119 / 262 | |
| | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1270 / 50 | 1321 / 52 | |

→ Door width in mm / inch

REFERENCE VALUE 160 KG / 352 lbs.

TE 640 3D A8**TE 640 3D A8 Energy Kit**

The specifications above are guidelines. Especially in the case of borderline load requirements, please contact us.

Values represent hinges positioned 10" from the top and 10" from the bottom to center of each hinge (see page 46).

LOAD CAPACITIES

Overview of load values for hinges

REFERENCE VALUE 200 KG / 440 lbs.

TE 640 3D TE 640 3D Energy Kit

| | | | | | | | | | | | |
|----------------------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 |
| | 2591 / 102 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 |
| | 2438 / 96 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 195 / 429 |
| | 2388 / 94 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 198 / 436 | 190 / 418 |
| | 2337 / 92 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 192 / 423 | 185 / 407 |
| | 2286 / 90 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 195 / 429 | 187 / 412 | 180 / 396 |
| | 2235 / 88 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 198 / 436 | 189 / 416 | 182 / 401 | 175 / 385 |
| | 2184 / 86 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 192 / 423 | 184 / 405 | 176 / 388 | 169 / 372 |
| | 2134 / 84 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 200 / 440 | 194 / 427 | 186 / 410 | 178 / 392 | 171 / 376 | 164 / 361 |
| | 2083 / 82 | 200 / 440 | 200 / 440 | 200 / 440 | 197 / 434 | 188 / 414 | 180 / 396 | 173 / 381 | 166 / 365 | 159 / 350 | |
| | 2032 / 80 | 200 / 440 | 200 / 440 | 200 / 440 | 191 / 421 | 182 / 401 | 174 / 383 | 167 / 368 | 160 / 352 | 154 / 339 | |
| | 1981 / 78 | 200 / 440 | 200 / 440 | 194 / 427 | 185 / 407 | 176 / 388 | 169 / 372 | 162 / 357 | 155 / 341 | 149 / 328 | |
| | | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1270 / 50 | 1321 / 52 | |

→ Door width in mm / inch

REFERENCE VALUE 250 KG / 551 lbs.

TE 626 3D A8 TE 626 3D A8 Energy Kit

| | | | | | | | | | | | |
|----------------------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 |
| | 2591 / 102 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 |
| | 2438 / 96 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 244 / 537 |
| | 2388 / 94 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 247 / 544 | 238 / 524 |
| | 2337 / 92 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 240 / 529 | 231 / 509 |
| | 2286 / 90 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 244 / 537 | 234 / 515 | 225 / 496 |
| | 2235 / 88 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 247 / 544 | 237 / 522 | 227 / 500 | 218 / 481 |
| | 2184 / 86 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 240 / 529 | 230 / 507 | 220 / 485 | 212 / 467 |
| | 2134 / 84 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 250 / 551 | 243 / 535 | 233 / 513 | 223 / 491 | 214 / 471 | 206 / 454 |
| | 2083 / 82 | 250 / 551 | 250 / 551 | 250 / 551 | 247 / 544 | 235 / 518 | 225 / 496 | 216 / 476 | 207 / 456 | 199 / 438 | |
| | 2032 / 80 | 250 / 551 | 250 / 551 | 250 / 551 | 239 / 526 | 228 / 502 | 218 / 480 | 209 / 460 | 200 / 440 | 193 / 425 | |
| | 1981 / 78 | 250 / 551 | 250 / 551 | 242 / 533 | 231 / 509 | 220 / 485 | 211 / 465 | 202 / 445 | 194 / 427 | 186 / 410 | |
| | | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1270 / 50 | 1321 / 52 | |

→ Door width in mm / inch

REFERENCE VALUE 300 KG / 661 lbs.

TE 645 3D TE 645 3D Energy Kit

| | | | | | | | | | | | |
|----------------------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| → Door panel height in mm / inch | >2743 / 108 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 |
| | 2591 / 102 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 |
| | 2438 / 96 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 293 / 645 |
| | 2388 / 94 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 297 / 654 | 285 / 628 |
| | 2337 / 92 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 289 / 637 | 278 / 612 |
| | 2286 / 90 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 293 / 645 | 281 / 619 | 270 / 595 |
| | 2235 / 88 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 296 / 652 | 284 / 626 | 274 / 604 | 262 / 577 |
| | 2184 / 86 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 288 / 634 | 276 / 608 | 265 / 584 | 254 / 559 |
| | 2134 / 84 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 300 / 661 | 292 / 643 | 279 / 615 | 268 / 590 | 257 / 566 | 247 / 544 |
| | 2083 / 82 | 300 / 661 | 300 / 661 | 300 / 661 | 296 / 652 | 283 / 623 | 271 / 597 | 259 / 570 | 249 / 548 | 239 / 526 | |
| | 2032 / 80 | 300 / 661 | 300 / 661 | 300 / 661 | 287 / 632 | 274 / 604 | 262 / 577 | 251 / 553 | 241 / 531 | 231 / 509 | |
| | 1981 / 78 | 300 / 661 | 300 / 661 | 291 / 641 | 279 / 615 | 264 / 582 | 253 / 557 | 242 / 533 | 233 / 513 | 224 / 493 | |
| | | ≤ 914 / 36 | 965 / 38 | 1016 / 40 | 1067 / 42 | 1118 / 44 | 1158 / 46 | 1219 / 48 | 1270 / 50 | 1321 / 52 | |

→ Door width in mm / inch

The specifications above are guidelines. Especially in the case of borderline load requirements, please contact us.

Values represent hinges positioned 10" from the top and 10" from the bottom to center of each hinge (see page 46).

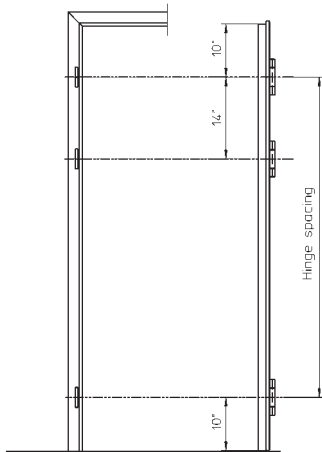
HINGE POSITIONS

TECTUS Series

To increase the load capacity of the hinges, a third hinge needs to be positioned 14" below the upper hinge (center to center). The use of a third hinge in order to increase the load capacity has to be determined on a case by case basis. Our hinge data refers to a height/width ratio of the door of 2:1 or more. Please contact us for further information and also see the door manufacturers instructions.

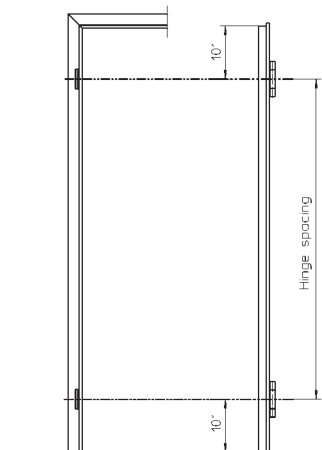
Proper preparation and alignment as well as tension-free adjustment are crucial for a hassle-free operation!

Application with increased load capacity

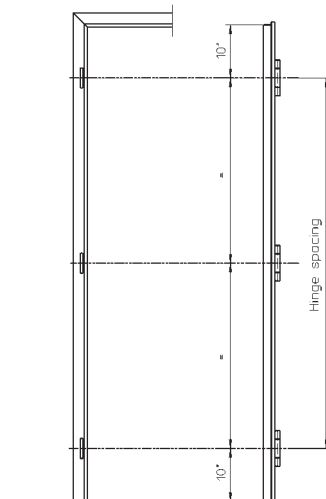


Examples for applications with different door heights

< 8 ft



≥ 8 ft



The hinge spacing does not increase the load capacity!

Note: We recommend for all exterior doors the use of three hinges.