

[Newage Home](#)

Rockwell B (Low) Hardness Range

[Rockwell Hardness Testers](#)
[Brinell Hardness Testers](#)
[Microhardness Testers](#)
[Durometers](#)
[Blocks, Indenters, Anvils](#)
[Calibration Service](#)
[Proficiency Testing](#)
[Hardness Reference Info](#)
[Newage Info & News.](#)
[Search](#)

| | B | A | E | 15T | 30T | 45T | HV | HK | HB | HB |
|--|---------------------|-------------------|---------------------|------------------------|---------------------|---------------------|------------------|-----------------|--------------------|-------------------|
| | 100 kgf 1/16ball | 60 kgf diamond | 100 kgf 1/8 ball | 10015 kgf 1/16 ball | 30 kgf 1/16 ball | 45 kgf 1/16 ball | Vickers Scale | Knoop >500gf | Brinell 10/3000 | Brinell 10/500 |
| | 100 | 61.5 | ... | 93.1 | 83.1 | 72.9 | 240 | 251 | 240 | 201 |
| | 99 | 60.9 | ... | 92.8 | 82.5 | 71.9 | 234 | 246 | 234 | 195 |
| | 98 | 60.2 | ... | 92.5 | 81.8 | 70.9 | 228 | 241 | 228 | 189 |
| | 97 | 59.5 | ... | 92.1 | 81.1 | 69.9 | 222 | 236 | 222 | 184 |
| | 96 | 58.9 | ... | 91.8 | 80.4 | 68.9 | 216 | 231 | 216 | 179 |
| | 95 | 58.3 | ... | 91.5 | 79.8 | 67.9 | 210 | 226 | 210 | 175 |
| | 94 | 57.6 | ... | 91.2 | 79.1 | 66.9 | 205 | 221 | 205 | 171 |
| | 93 | 57.0 | ... | 90.8 | 78.4 | 65.9 | 200 | 216 | 200 | 167 |
| | 92 | 56.4 | ... | 90.5 | 77.8 | 64.8 | 195 | 211 | 195 | 163 |
| | 91 | 55.8 | ... | 90.2 | 77.1 | 63.8 | 190 | 206 | 190 | 160 |
| | 90 | 55.2 | ... | 89.9 | 76.4 | 62.8 | 185 | 201 | 185 | 157 |
| | 89 | 54.6 | ... | 89.5 | 75.8 | 61.8 | 180 | 196 | 180 | 154 |
| | 88 | 54.0 | ... | 89.2 | 75.1 | 60.8 | 176 | 192 | 176 | 151 |
| | 87 | 53.4 | ... | 88.9 | 74.4 | 59.8 | 172 | 188 | 172 | 148 |
| | 86 | 52.8 | ... | 88.6 | 73.8 | 58.8 | 169 | 184 | 169 | 145 |
| | 85 | 52.3 | ... | 88.2 | 73.1 | 57.8 | 165 | 180 | 165 | 142 |
| | 84 | 51.7 | ... | 87.9 | 72.4 | 56.8 | 162 | 176 | 162 | 140 |
| | 83 | 51.1 | ... | 87.6 | 71.8 | 55.8 | 159 | 173 | 159 | 137 |
| | 82 | 50.6 | ... | 87.3 | 71.1 | 54.8 | 156 | 170 | 156 | 135 |
| | 81 | 50.0 | ... | 86.9 | 70.4 | 53.8 | 153 | 167 | 153 | 133 |
| | 80 | 49.5 | ... | 86.6 | 69.7 | 52.8 | 150 | 164 | 150 | 130 |
| | 79 | 48.9 | ... | 86.3 | 69.1 | 51.8 | 147 | 161 | 147 | 128 |
| | 78 | 48.4 | ... | 86.0 | 68.4 | 50.8 | 144 | 158 | 144 | 126 |
| | 77 | 47.9 | ... | 85.6 | 67.7 | 49.8 | 141 | 155 | 141 | 124 |
| | 76 | 47.3 | ... | 85.3 | 67.1 | 48.8 | 139 | 152 | 139 | 122 |
| | 75 | 46.8 | ... | 85.0 | 66.4 | 47.8 | 137 | 150 | 137 | 120 |
| | 74 | 46.3 | ... | 84.7 | 65.7 | 46.8 | 135 | 147 | 135 | 118 |
| | 73 | 45.8 | ... | 84.3 | 65.1 | 45.8 | 132 | 145 | 132 | 116 |
| | 72 | 45.3 | ... | 84.0 | 64.4 | 44.8 | 130 | 143 | 130 | 114 |
| | 71 | 44.8 | 100 | 83.7 | 63.7 | 43.8 | 127 | 141 | 127 | 112 |
| | 70 | 44.3 | 99.5 | 83.4 | 63.1 | 42.8 | 125 | 139 | 125 | 110 |
| | 69 | 43.8 | 99.0 | 83.0 | 62.4 | 41.8 | 123 | 137 | 123 | 109 |
| | 68 | 43.3 | 98.0 | 82.7 | 61.7 | 40.8 | 121 | 135 | 121 | 108 |
| | 67 | 42.8 | 97.5 | 82.4 | 61.0 | 39.8 | 119 | 133 | 119 | 106 |
| | 66 | 42.3 | 97.0 | 82.1 | 60.4 | 38.7 | 117 | 131 | 117 | 104 |
| | 65 | 41.8 | 96.0 | 81.8 | 59.7 | 37.7 | 116 | 129 | 116 | 102 |
| | 64 | 41.4 | 95.5 | 81.4 | 59.0 | 36.7 | 114 | 127 | 114 | 100 |
| | 63 | 40.9 | 95.0 | 81.1 | 58.4 | 35.7 | 112 | 125 | 112 | 99 |