

Click to verify

























Share copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution You must give appropriate credit , provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. Want to give your brand videos a cinematic edge? Join our visual experts and special guests for an info-packed hour of insights to elevate your next video project. Tune in on June 24 at 11amET.Register NowHow can financial brands set themselves apart through visual storytelling? Our experts explainhow Learn MoreThe Motorsport Images Collections captures events from 1895 to todays most recentcoverage.Discover The CollectionWant to give your brand videos a cinematic edge? Join our visual experts and special guests for an info-packed hour of insights to elevate your next video project. Tune in on June 24 at 11amET.Register NowHow can financial brands set themselves apart through visual storytelling? Our experts explainhow Learn MoreThe Motorsport Images Collections captures events from 1895 to todays most recentcoverage.Discover The CollectionA Grade 0, Webber A1: The most popular grade of blocks: 1) It is accurate enough to perform 95% or more of all applications. This grade is recommended for general use. 2) most steel blocks are Grade 0, and steel is the most popular choice of gauge blocks materials. Most gauge blocks are used to check micrometers and calipers. Assuming a micrometer needs to be calibrated to an accuracy of .0001". If the 4:1 accuracy rule would apply, then grade 0 gauge blocks must have a tolerance of not less than .000025In. In fact, the tolerance (up through 1 inch) is .000005. Thus, in this application, grade 0 gauge blocks are 5 times more accurate than needed. B. Grade 00, Webber AA: These blocks are to be used as laboratory references or to calibrate gauge blocks with lower accuracy grades. It would be very unusual to use grade 00 blocks on the shop floor. The accuracy of measurement is only slightly improved over grade 0 tolerances, but at a much higher cost. This additional cost is usually only justified when reducing measurement uncertainties is absolutely required. Available from Webber in the croblox or ceramic materials. Not available in steel. Page 2 Rectangular style, steel materialRectangular style, croblox materialRectangular style, ceramic materialSquare style, steel materialSquare style, croblox materialHeavy-Duty style, steel materialPage 3 Examples: RS .250 A1: English system; Rectangular steel, .250 inch block, Grade 0S SM 7.000 A1: English system; Square steel, 7-inch block, Grade 0S SM 10.00 A1: Metric system; Rectangular croblox, .500 inch block, Grade 0 RYM 1.000 A1: English system; Rectangular croblox, .05 inch block Long length, Grade 0 RSM 5.5 A1: Metric system; Rectangular steel, 5.5 inch block, Grade 0 SSM 100.0 A1: Metric system; Square steel, 100mm block, Grade 0 RCM 2.41 A1: Metric system; Rectangular croblox, 2.41mm block, Grade 0 RYM 1.00 A1: Metric system; Rectangular ceramic, 1.0mm block, grade 00, Page 4 NOTE: Accessories such as clamps, tie rods, and screws do not have any tolerances as would apply to gauge blocks. Page 5 Note: The size of the straight jaw does not enter into its use. That is why the tolerances for these jaws, 24in., or 0.60m., are so large. The important tolerance is the flatness of the jaw so that its surface may be extended beyond the gauge blocks with equal precision. The manufacturing tolerances used at Webber Gage are much tighter than those allowed in specifications. Webber manufacturing tolerances are 10in. or 0.25m for size, and 5in. (0.13m) for flatness and parallelism. For B89.1.9 specifications, click here. Page 6 From the above diagram, the source of the possible error can be seen. With the internal measuring machine jaws, measurements can be taken on both sides and averaged together. The average of the two readings will be equal to the defined length of the gauge blocks. As with straight jaws, the specified tolerances are 24in. or 0.60m. The important tolerance is the flatness of the jaw so that its surface may be extended beyond the gauge blocks with equal precision. Designed to use with square style gauge blocks, Internal Measuring Machine Jaws are made from hardened steel material. The jaws are 1-inch wide by 2-inches long with tightly controlled thickness of .500" or 12.0mm. Webber manufacturing tolerances are 10in. or 0.25m for size (thickness), and 5in. (0.13m) for flatness and parallelism. For B89.1.9 specifications, click here. In addition, the sides of these jaws are made slightly bigger than square gauge blocks. The sides are finished and held square to the gaging surfaces within 30 arc seconds. When this combination of jaws and gauge blocks are set on a surface plate, the finished sides keep the ends of the gauge blocks parallel with the surface plate. Also, because the sides are slightly larger than the gauge blocks below, the contact only rests on the true surfaces of the jaws and prevent any possibility of the contact resting on the surface plate. All these additional features add greater control and more precise elevations. Page 7 The specified tolerance for half-round jaws is 32in. (8.0mm). However, because the distance between the roll of the jaws is so difficult to measure, Webber reduces our manufacturing tolerance to 20in. or 0.50m to allow for any measuring errors. For B89.1.9 specifications, click here. When these jaws are included as pairs in sets, they are matched together so that the sum of the errors is not larger than 20in. or 0.50m. Thus, if one jaw measures +15in., the jaw paired with it is not larger than +5in. It would be preferable to use a jaw with a negative measurement, if one was available. Pairing jaws is done to reduce the accumulation of errors to the user. (By specification, jaws sold as pairs must have a combined size tolerance not larger than 40in. or 1.0m.) For users ordering a single replacement jaw, the replacement will be within the normal tolerance of 20in. or 0.50m. Page 8 Webber tolerances for base blocks are 20in. (0.50m) for size (thickness) and 10in. or 0.25m for flatness and parallelism. For B89.1.9 Specifications, click here. Page 9 Center points are used by tool makers for layout work. The center point acts as the center point of a tram, and the scriber, which is sharpened to a point, marks an arc on the work. Page 11 When rectangular style gage blocks are used with accessories, it is necessary to secure them in an accessory clamp. Without the clamp, the forces encountered when using the combination of gage blocks and accessories may break the combination apart. Page 12 SA 7 Knurled Screws Tightens using fingers.SA 8 Stud Double ended screw. Used to join tie rods together.SA 9 Flat Head screw 1-1/4" x 10 (32mm)SA 10 Flat Head screw 5/8" long (15mm)SA 11 Slotted Nut Used in short combinations instead of screw at one endSA 12 Tied Rod (solid) 3/4" (19mm) SA 13 Tied Rod (solid) 1-1/2" (38mm)SA 14 Tied Rod (solid) 2-1/4" (57mm) SA 15 Flat Head screw 1-1/2" x 10 (38mm)SA 16 Flat Head screw 1-1/2" x 10 (38mm)SA 17 Flat Head screw 1-1/2" x 10 (38mm)SA 18 Flat Head screw 1-1/2" x 10 (38mm)SA 19 Flat Head screw 1-1/2" x 10 (38mm)SA 20 Flat Head screw 1-1/2" x 10 (38mm)SA 21 Flat Head screw 1-1/2" x 10 (38mm)SA 22 Flat Head screw 1-1/2" x 10 (38mm)SA 23 Flat Head screw 1-1/2" x 10 (38mm)SA 24 Flat Head screw 1-1/2" x 10 (38mm)SA 25 Flat Head screw 1-1/2" x 10 (38mm)SA 26 Flat Head screw 1-1/2" x 10 (38mm)SA 27 Flat Head screw 1-1/2" x 10 (38mm)SA 28 Flat Head screw 1-1/2" x 10 (38mm)SA 29 Flat Head screw 1-1/2" x 10 (38mm)SA 30 Flat Head screw 1-1/2" x 10 (38mm)SA 31 Flat Head screw 1-1/2" x 10 (38mm)SA 32 Flat Head screw 1-1/2" x 10 (38mm)SA 33 Flat Head screw 1-1/2" x 10 (38mm)SA 34 Flat Head screw 1-1/2" x 10 (38mm)SA 35 Flat Head screw 1-1/2" x 10 (38mm)SA 36 Flat Head screw 1-1/2" x 10 (38mm)SA 37 Flat Head screw 1-1/2" x 10 (38mm)SA 38 Flat Head screw 1-1/2" x 10 (38mm)SA 39 Flat Head screw 1-1/2" x 10 (38mm)SA 40 Flat Head screw 1-1/2" x 10 (38mm)SA 41 Flat Head screw 1-1/2" x 10 (38mm)SA 42 Flat Head screw 1-1/2" x 10 (38mm)SA 43 Flat Head screw 1-1/2" x 10 (38mm)SA 44 Flat Head screw 1-1/2" x 10 (38mm)SA 45 Flat Head screw 1-1/2" x 10 (38mm)SA 46 Flat Head screw 1-1/2" x 10 (38mm)SA 47 Flat Head screw 1-1/2" x 10 (38mm)SA 48 Flat Head screw 1-1/2" x 10 (38mm)SA 49 Flat Head screw 1-1/2" x 10 (38mm)SA 50 Flat Head screw 1-1/2" x 10 (38mm)SA 51 Flat Head screw 1-1/2" x 10 (38mm)SA 52 Flat Head screw 1-1/2" x 10 (38mm)SA 53 Flat Head screw 1-1/2" x 10 (38mm)SA 54 Flat Head screw 1-1/2" x 10 (38mm)SA 55 Flat Head screw 1-1/2" x 10 (38mm)SA 56 Flat Head screw 1-1/2" x 10 (38mm)SA 57 Flat Head screw 1-1/2" x 10 (38mm)SA 58 Flat Head screw 1-1/2" x 10 (38mm)SA 59 Flat Head screw 1-1/2" x 10 (38mm)SA 60 Flat Head screw 1-1/2" x 10 (38mm)SA 61 Flat Head screw 1-1/2" x 10 (38mm)SA 62 Flat Head screw 1-1/2" x 10 (38mm)SA 63 Flat Head screw 1-1/2" x 10 (38mm)SA 64 Flat Head screw 1-1/2" x 10 (38mm)SA 65 Flat Head screw 1-1/2" x 10 (38mm)SA 66 Flat Head screw 1-1/2" x 10 (38mm)SA 67 Flat Head screw 1-1/2" x 10 (38mm)SA 68 Flat Head screw 1-1/2" x 10 (38mm)SA 69 Flat Head screw 1-1/2" x 10 (38mm)SA 70 Flat Head screw 1-1/2" x 10 (38mm)SA 71 Flat Head screw 1-1/2" x 10 (38mm)SA 72 Flat Head screw 1-1/2" x 10 (38mm)SA 73 Flat Head screw 1-1/2" x 10 (38mm)SA 74 Flat Head screw 1-1/2" x 10 (38mm)SA 75 Flat Head screw 1-1/2" x 10 (38mm)SA 76 Flat Head screw 1-1/2" x 10 (38mm)SA 77 Flat Head screw 1-1/2" x 10 (38mm)SA 78 Flat Head screw 1-1/2" x 10 (38mm)SA 79 Flat Head screw 1-1/2" x 10 (38mm)SA 80 Flat Head screw 1-1/2" x 10 (38mm)SA 81 Flat Head screw 1-1/2" x 10 (38mm)SA 82 Flat Head screw 1-1/2" x 10 (38mm)SA 83 Flat Head screw 1-1/2" x 10 (38mm)SA 84 Flat Head screw 1-1/2" x 10 (38mm)SA 85 Flat Head screw 1-1/2" x 10 (38mm)SA 86 Flat Head screw 1-1/2" x 10 (38mm)SA 87 Flat Head screw 1-1/2" x 10 (38mm)SA 88 Flat Head screw 1-1/2" x 10 (38mm)SA 89 Flat Head screw 1-1/2" x 10 (38mm)SA 90 Flat Head screw 1-1/2" x 10 (38mm)SA 91 Flat Head screw 1-1/2" x 10 (38mm)SA 92 Flat Head screw 1-1/2" x 10 (38mm)SA 93 Flat Head screw 1-1/2" x 10 (38mm)SA 94 Flat Head screw 1-1/2" x 10 (38mm)SA 95 Flat Head screw 1-1/2" x 10 (38mm)SA 96 Flat Head screw 1-1/2" x 10 (38mm)SA 97 Flat Head screw 1-1/2" x 10 (38mm)SA 98 Flat Head screw 1-1/2" x 10 (38mm)SA 99 Flat Head screw 1-1/2" x 10 (38mm)SA 100 Flat Head screw 1-1/2" x 10 (38mm)SA 101 Flat Head screw 1-1/2" x 10 (38mm)SA 102 Flat Head screw 1-1/2" x 10 (38mm)SA 103 Flat Head screw 1-1/2" x 10 (38mm)SA 104 Flat Head screw 1-1/2" x 10 (38mm)SA 105 Flat Head screw 1-1/2" x 10 (38mm)SA 106 Flat Head screw 1-1/2" x 10 (38mm)SA 107 Flat Head screw 1-1/2" x 10 (38mm)SA 108 Flat Head screw 1-1/2" x 10 (38mm)SA 109 Flat Head screw 1-1/2" x 10 (38mm)SA 110 Flat Head screw 1-1/2" x 10 (38mm)SA 111 Flat Head screw 1-1/2" x 10 (38mm)SA 112 Flat Head screw 1-1/2" x 10 (38mm)SA 113 Flat Head screw 1-1/2" x 10 (38mm)SA 114 Flat Head screw 1-1/2" x 10 (38mm)SA 115 Flat Head screw 1-1/2" x 10 (38mm)SA 116 Flat Head screw 1-1/2" x 10 (38mm)SA 117 Flat Head screw 1-1/2" x 10 (38mm)SA 118 Flat Head screw 1-1/2" x 10 (38mm)SA 119 Flat Head screw 1-1/2" x 10 (38mm)SA 120 Flat Head screw 1-1/2" x 10 (38mm)SA 121 Flat Head screw 1-1/2" x 10 (38mm)SA 122 Flat Head screw 1-1/2" x 10 (38mm)SA 123 Flat Head screw 1-1/2" x 10 (38mm)SA 124 Flat Head screw 1-1/2" x 10 (38mm)SA 125 Flat Head screw 1-1/2" x 10 (38mm)SA 126 Flat Head screw 1-1/2" x 10 (38mm)SA 127 Flat Head screw 1-1/2" x 10 (38mm)SA 128 Flat Head screw 1-1/2" x 10 (38mm)SA 129 Flat Head screw 1-1/2" x 10 (38mm)SA 130 Flat Head screw 1-1/2" x 10 (38mm)SA 131 Flat Head screw 1-1/2" x 10 (38mm)SA 132 Flat Head screw 1-1/2" x 10 (38mm)SA 133 Flat Head screw 1-1/2" x 10 (38mm)SA 134 Flat Head screw 1-1/2" x 10 (38mm)SA 135 Flat Head screw 1-1/2" x 10 (38mm)SA 136 Flat Head screw 1-1/2" x 10 (38mm)SA 137 Flat Head screw 1-1/2" x 10 (38mm)SA 138 Flat Head screw 1-1/2" x 10 (38mm)SA 139 Flat Head screw 1-1/2" x 10 (38mm)SA 140 Flat Head screw 1-1/2" x 10 (38mm)SA 141 Flat Head screw 1-1/2" x 10 (38mm)SA 142 Flat Head screw 1-1/2" x 10 (38mm)SA 143 Flat Head screw 1-1/2" x 10 (38mm)SA 144 Flat Head screw 1-1/2" x 10 (38mm)SA 145 Flat Head screw 1-1/2" x 10 (38mm)SA 146 Flat Head screw 1-1/2" x 10 (38mm)SA 147 Flat Head screw 1-1/2" x 10 (38mm)SA 148 Flat Head screw 1-1/2" x 10 (38mm)SA 149 Flat Head screw 1-1/2" x 10 (38mm)SA 150 Flat Head screw 1-1/2" x 10 (38mm)SA 151 Flat Head screw 1-1/2" x 10 (38mm)SA 152 Flat Head screw 1-1/2" x 10 (38mm)SA 153 Flat Head screw 1-1/2" x 10 (38mm)SA 154 Flat Head screw 1-1/2" x 10 (38mm)SA 155 Flat Head screw 1-1/2" x 10 (38mm)SA 156 Flat Head screw 1-1/2" x 10 (38mm)SA 157 Flat Head screw 1-1/2" x 10 (38mm)SA 158 Flat Head screw 1-1/2" x 10 (38mm)SA 159 Flat Head screw 1-1/2" x 10 (38mm)SA 160 Flat Head screw 1-1/2" x 10 (38mm)SA 161 Flat Head screw 1-1/2" x 10 (38mm)SA 162 Flat Head screw 1-1/2" x 10 (38mm)SA 163 Flat Head screw 1-1/2" x 10 (38mm)SA 164 Flat Head screw 1-1/2" x 10 (38mm)SA 165 Flat Head screw 1-1/2" x 10 (38mm)SA 166 Flat Head screw 1-1/2" x 10 (38mm)SA 167 Flat Head screw 1-1/2" x 10 (38mm)SA 168 Flat Head screw 1-1/2" x 10 (38mm)SA 169 Flat Head screw 1-1/2" x 10 (38mm)SA 170 Flat Head screw 1-1/2" x 10 (38mm)SA 171 Flat Head screw 1-1/2" x 10 (38mm)SA 172 Flat Head screw 1-1/2" x 10 (38mm)SA 173 Flat Head screw 1-1/2" x 10 (38mm)SA 174 Flat Head screw 1-1/2" x 10 (38mm)SA 175 Flat Head screw 1-1/2" x 10 (38mm)SA 176 Flat Head screw 1-1/2" x 10 (38mm)SA 177 Flat Head screw 1-1/2" x 10 (38mm)SA 178 Flat Head screw 1-1/2" x 10 (38mm)SA 179 Flat Head screw 1-1/2" x 10 (38mm)SA 180 Flat Head screw 1-1/2" x 10 (38mm)SA 181 Flat Head screw 1-1/2" x 10 (38mm)SA 182 Flat Head screw 1-1/2" x 10 (38mm)SA 183 Flat Head screw 1-1/2" x 10 (38mm)SA 184 Flat Head screw 1-1/2" x 10 (38mm)SA 185 Flat Head screw 1-1/2" x 10 (38mm)SA 186 Flat Head screw 1-1/2" x 10 (38mm)SA 187 Flat Head screw 1-1/2" x 10 (38mm)SA 188 Flat Head screw 1-1/2" x 10 (38mm)SA 189 Flat Head screw 1-1/2" x 10 (38mm)SA 190 Flat Head screw 1-1/2" x 10 (38mm)SA 191 Flat Head screw 1-1/2" x 10 (38mm)SA 192 Flat Head screw 1-1/2" x 10 (38mm)SA 193 Flat Head screw 1-1/2" x 10 (38mm)SA 194 Flat Head screw 1-1/2" x 10 (38mm)SA 195 Flat Head screw 1-1/2" x 10 (38mm)SA 196 Flat Head screw 1-1/2" x 10 (38mm)SA 197 Flat Head screw 1-1/2" x 10 (38mm)SA 198 Flat Head screw 1-1/2" x 10 (38mm)SA 199 Flat Head screw 1-1/2" x 10 (38mm)SA 200 Flat Head screw 1-1/2" x 10 (38mm)SA 201 Flat Head screw 1-1/2" x 10 (38mm)SA 202 Flat Head screw 1-1/2" x 10 (38mm)SA 203 Flat Head screw 1-1/2" x 10 (38mm)SA 204 Flat Head screw 1-1/2" x 10 (38mm)SA 205 Flat Head screw 1-1/2" x 10 (38mm)SA 206 Flat Head screw 1-1/2" x 10 (38mm)SA 207 Flat Head screw 1-1/2" x 10 (38mm)SA 208 Flat Head screw 1-1/2" x 10 (38mm)SA 209 Flat Head screw 1-1/2" x 10 (38mm)SA 210 Flat Head screw 1-1/2" x 10 (38mm)SA 211 Flat Head screw 1-1/2" x 10 (38mm)SA 212 Flat Head screw 1-1/2" x 10 (38mm)SA 213 Flat Head screw 1-1/2" x 10 (38mm)SA 214 Flat Head screw 1-1/2" x 10 (38mm)SA 215 Flat Head screw 1-1/2" x 10 (38mm)SA 216 Flat Head screw 1-1/2" x 10 (38mm)SA 217 Flat Head screw 1-1/2" x 10 (38mm)SA 218 Flat Head screw 1-1/2" x 10 (38mm)SA 219 Flat Head screw 1-1/2" x 10 (38mm)SA 220 Flat Head screw 1-1/2" x 10 (38mm)SA 221 Flat Head screw 1-1/2" x 10 (38mm)SA 222 Flat Head screw 1-1/2" x 10 (38mm)SA 223 Flat Head screw 1-1/2" x 10 (38mm)SA 224 Flat Head screw 1-1/2" x 10 (38mm)SA 225 Flat Head screw 1-1/2" x 10 (38mm)SA 226 Flat Head screw 1-1/2" x 10 (38mm)SA 227 Flat Head screw 1-1/2" x 10 (38mm)SA 228 Flat Head screw 1-1/2" x 10 (38mm)SA 229 Flat Head screw 1-1/2" x 10 (38mm)SA 230 Flat Head screw 1-1/2" x 10 (38mm)SA 231 Flat Head screw 1-1/2" x 10 (38mm)SA 232 Flat Head screw 1-1/2" x 10 (38mm)SA 233 Flat Head screw 1-1/2" x 10 (38mm)SA 234 Flat Head screw 1-1/2" x 10 (38mm)SA 235 Flat Head screw 1-1/2" x 10 (38mm)SA 236 Flat Head screw 1-1/2" x 10 (38mm)SA 237 Flat Head screw 1-1/2" x 10 (38mm)SA 238 Flat Head screw 1-1/2" x 10 (38mm)SA 239 Flat Head screw 1-1/2" x 10 (38mm)SA 240 Flat Head screw 1-1/2" x 10 (38mm)SA 241 Flat Head screw 1-1/2" x 10 (38mm)SA 242 Flat Head screw 1-1/2" x 10 (38mm)SA 243 Flat Head screw 1-1/2" x 10 (38mm)SA 244 Flat Head screw 1-1/2" x 10 (38mm)SA 245 Flat Head screw 1-1/2" x 10 (38mm)SA 246 Flat Head screw 1-1/2" x 10 (38mm)SA 247 Flat Head screw 1-1/2" x 10 (38mm)SA 248 Flat Head screw 1-1/2" x 10 (38mm)SA 249 Flat Head screw 1-1/2" x 10 (38mm)SA 250 Flat Head screw 1-1/2" x 10 (38mm)SA 251 Flat Head screw 1-1/2" x 10 (38mm)SA 252 Flat Head screw 1-1/2" x 10 (38mm)SA 253 Flat Head screw 1-1/2" x 10 (38mm)SA 254 Flat Head screw 1-1/2" x 10 (38mm)SA 255 Flat Head screw 1-1/2" x 10 (38mm)SA 256 Flat Head screw 1-1/2" x 10 (38mm)SA 257 Flat Head screw 1-1/2" x 10 (38mm)SA 258 Flat Head screw 1-1/2" x 10 (38mm)SA 259 Flat Head screw 1-1/2" x 10 (38mm)SA 260 Flat Head screw 1-1/2" x 10 (38mm)SA 261 Flat Head screw 1-1/2" x 10 (38mm)SA 262 Flat Head screw 1-1/2" x 10 (38mm)SA 263 Flat Head screw 1-1/2" x 10 (38mm)SA 264 Flat Head screw 1-1/2" x 10 (38mm)SA 265 Flat Head screw 1-1/2" x 10 (38mm)SA 266 Flat Head screw 1-1/2" x 10 (38mm)SA 267 Flat Head screw 1-1/2" x 10 (38mm)SA 268 Flat Head screw 1-1/2" x 10 (38mm)SA 269 Flat Head screw 1-1/2" x 10 (38mm)SA 270 Flat Head screw 1-1/2" x 10 (38mm)SA 271 Flat Head screw 1-1/2" x 10 (38mm)SA 272 Flat Head screw 1-1/2" x 10 (38mm)SA 273 Flat Head screw 1-1/2" x 10 (38mm)SA 274 Flat Head screw 1-1/2" x 10 (38mm)SA 275 Flat Head screw 1-1/2" x 10 (38mm)SA 276 Flat Head screw 1-1/2" x 10 (38mm)SA 277 Flat Head screw 1-1/2" x 10 (38mm)SA 278 Flat Head screw 1-1/2" x 10 (38mm)SA 279 Flat Head screw 1-1/2" x 10 (38mm)SA 280 Flat Head screw 1-1/2" x 10 (38mm)SA 281 Flat Head screw 1-1/2" x 10 (38mm)SA 282 Flat Head screw 1-1/2" x 10 (38mm)SA 283 Flat Head screw 1-1/2" x 10 (38mm)SA 284 Flat Head screw 1-1/2" x 10 (38mm)SA 285 Flat Head screw 1-1/2" x 10 (38mm)SA 286 Flat Head screw 1-1/2" x 10 (38mm)SA 287 Flat Head screw 1-1/2" x 10 (38mm)SA 288 Flat Head screw 1-1/2" x 10 (38mm)SA 289 Flat Head screw 1-1/2" x 10 (38mm)SA 290 Flat Head screw 1-1/2" x 10 (38mm)SA 291 Flat Head screw 1-1/2" x 10 (38mm)SA 292 Flat Head screw 1-1/2" x 10 (38mm)SA 293 Flat Head screw 1-1/2" x 10 (38mm)SA 294 Flat Head screw 1-1/2" x 10 (38mm)SA 295 Flat Head screw 1-1/2" x 10 (38mm)SA 296 Flat Head screw 1-1/2" x 10 (38mm)SA 297 Flat Head screw 1-1/2" x 10 (38mm)SA 298 Flat Head screw 1-1/2" x 10 (38mm)SA 299 Flat Head screw 1-1/2" x 10 (38mm)SA 300 Flat Head screw 1-1/2" x 10 (38mm)SA 301 Flat Head screw 1-1/2" x 10 (38mm)SA 302 Flat Head screw 1-1/2" x 10 (38mm)SA 303 Flat Head screw 1-1/2" x 10 (38mm)SA 304 Flat Head screw 1-1/2" x 10 (38mm)SA 305 Flat Head screw 1-1/2" x 10 (38mm)SA 306 Flat Head screw 1-1/2" x 10 (38mm)SA 307 Flat Head screw 1-1/2" x 10 (38mm)SA 308 Flat Head screw 1-1/2" x 10 (38mm)SA 309 Flat Head screw 1-1/2" x 10 (38mm)SA 310 Flat Head screw 1-1/2" x 10 (38mm)SA 311 Flat Head screw 1-1/2" x 10 (38mm)SA 312 Flat Head screw 1-1/2" x 10 (38mm)SA 313 Flat Head screw 1-1/2" x 10 (38mm)SA 314 Flat Head screw 1-1/2" x 10 (38mm)SA 315 Flat Head screw 1-1/2" x 10 (38mm)SA 316 Flat Head screw 1-1/2" x 10 (38mm)SA 317 Flat Head screw 1-1/2" x 10 (38mm)SA 318 Flat Head screw 1-1/2" x 10 (38mm)SA 319 Flat Head screw 1-1/2" x 10 (38mm)SA 320 Flat Head screw 1-1/2" x 10 (38mm)SA 321 Flat Head screw 1-1/2" x 10 (38mm)SA 322 Flat Head screw 1-1/2" x 10 (38mm)SA 323 Flat Head screw 1-1/2" x 10 (38mm)SA 324 Flat Head screw 1-1/2" x 10 (38mm)SA 325 Flat Head screw 1-1/2" x 10 (38mm)SA 326 Flat Head screw 1-1/2" x 10 (38mm)SA 327 Flat Head screw 1-1/2" x 10 (38mm)SA 328 Flat Head screw 1-1/2" x 10 (38mm)SA 329 Flat Head screw 1-1/2" x 10 (38mm)SA 330 Flat Head screw 1-1/2" x 10 (38mm)SA 331 Flat Head screw 1-1/2" x 10 (38mm)SA 332 Flat Head screw 1-1/2" x 10 (38mm)SA 333 Flat Head screw 1-1/2" x 10 (38mm)SA 334 Flat Head screw 1-1/2" x 10 (38mm)SA 335 Flat Head screw 1-1/2" x 10 (38mm)SA 336 Flat Head screw 1-1/2" x 10 (38mm)SA 337 Flat Head screw 1-1/2" x 10 (38mm)SA 338 Flat Head screw 1-1/2" x 10 (38mm)SA 339 Flat Head screw 1-1/2" x 10 (38mm)SA 340 Flat Head screw 1-1/2" x 10 (38mm)SA 341 Flat Head screw 1-1/2" x 10 (38mm)SA 342 Flat Head screw 1-1/2" x 10 (38mm)SA 343 Flat Head screw 1-1/2" x 10 (38mm)SA 344 Flat Head screw 1-1/2" x 10 (38mm)SA 345 Flat Head screw 1-1/2" x 10 (38mm)SA 346 Flat Head screw 1-1/2" x 10 (38mm)SA 347 Flat Head screw 1-1/2" x 10 (38mm)SA 348 Flat Head screw 1-1/2" x 10 (38mm)SA 349 Flat Head screw 1-1/2" x 10 (38mm)SA 350 Flat Head screw 1-1/2" x 10 (38mm)SA 351 Flat Head screw 1-1/2" x 10 (38mm)SA 352 Flat Head screw 1-1/2" x 10 (38mm)SA 353 Flat Head screw 1-1/2" x 10 (38mm)SA 354 Flat Head screw 1-1/2" x 10 (38mm)SA 355 Flat Head screw 1-1/2" x 10 (38mm)SA 356 Flat Head screw 1-1/2" x 10 (38mm)SA 357 Flat Head screw 1-1/2" x 10 (38mm)SA 358 Flat Head screw 1-1/2" x 10 (38mm)SA 359 Flat Head screw 1-1/2" x 10 (38mm)SA 360 Flat Head screw 1-1/2" x 10 (38mm)SA 361 Flat Head screw 1-1/2" x 10 (38mm)SA 362 Flat Head screw 1-1/2" x 10 (38mm)SA 363 Flat Head screw 1-1/2" x 10 (38mm)SA 364 Flat Head screw 1-1/2" x 10 (38mm)SA 365 Flat Head screw 1-1/2" x 10 (38mm)SA 366 Flat Head screw 1-1/2" x 10 (38mm)SA 367 Flat Head screw 1-1/2" x 10 (38mm)SA 368 Flat Head screw 1-1/2" x 10 (38mm)SA 369 Flat Head screw 1-1/2" x 10 (38mm)SA 370 Flat Head screw 1-1/2" x 10 (38mm)SA 371 Flat Head screw 1-1/2" x 10 (38mm)SA 372 Flat Head screw 1-1/2" x 10 (38mm)SA 373 Flat Head screw 1-1/2" x 10 (38mm)SA 374 Flat Head screw 1-1/2" x 10 (38mm)SA 375 Flat Head screw 1-1/2" x 10 (38mm)SA 376 Flat Head screw 1-1/2" x 10 (38mm)SA 377 Flat Head screw 1-1/2" x 10 (38mm)SA 378 Flat Head screw 1-1/2" x 10 (38mm)SA 379 Flat Head screw 1-1/2" x 10 (38mm)SA 380 Flat Head screw 1-1/2" x 10 (38mm)SA 381 Flat Head screw 1-1/2" x 10 (38mm)SA 382 Flat Head screw 1-1/2" x 10 (38mm)SA 383 Flat Head screw 1-1/2" x 10 (38mm)SA 384 Flat Head screw 1-1/2" x 10 (38mm)SA 385 Flat Head screw 1-1/2" x 10 (38mm)SA 386 Flat Head screw 1-1/2" x 10 (38mm)SA 387 Flat Head screw 1-1/2" x 10 (38mm)SA 388 Flat Head screw 1-1/2" x 10 (38mm)SA 389 Flat Head screw 1-1/2" x 10 (38mm)SA 390 Flat Head screw 1-1/2" x 10 (38mm)SA 391 Flat Head screw 1-1/2" x 10 (38mm)SA 392 Flat Head screw 1-1/2" x 10 (38mm)SA 393 Flat Head screw 1-1/2" x 10 (38mm)SA 394 Flat Head screw 1-1/2" x 10 (38mm)SA 395 Flat Head screw 1-1/2" x 10 (38mm)SA 396 Flat Head screw 1-1/2" x 10 (38mm)SA 397 Flat Head screw 1-1/2" x 10 (38mm)SA 398 Flat Head screw 1-1/2" x 10 (38mm)SA 399 Flat Head screw 1-1/2" x 10 (38mm)SA 400 Flat Head screw 1-1/2" x 10 (38mm)SA 401 Flat Head screw 1-1/2" x 10 (38mm)SA 402 Flat Head screw 1-1/2" x 10 (38mm)SA 403 Flat Head screw 1-1/2" x 10 (38mm)SA 404 Flat Head screw 1-1/2" x 10 (38mm)SA 405 Flat Head screw 1-1/2" x 10 (38mm)SA 406 Flat Head screw 1-1/2" x 10 (38mm)SA 407 Flat Head screw 1-1/2" x 10 (38mm)SA 408 Flat Head screw 1-1/2" x 10 (38mm)SA 409 Flat Head screw 1-1/2" x 10 (38mm)SA 410 Flat Head screw 1-1/2" x 10 (38mm)SA 411 Flat Head screw 1-1/2" x 10 (38mm)SA 412 Flat Head screw 1-1/2" x 10 (38mm)SA 413 Flat Head screw 1-1/2" x 10 (38mm)SA 414 Flat Head screw 1-1/2" x 10 (38mm)SA 415 Flat Head screw 1-1/2" x 10 (38mm)SA 416 Flat Head screw 1-1/2" x 10 (38mm)SA 417 Flat Head screw 1-1/2" x 10 (38mm)SA 418 Flat Head screw 1-1/2" x 10 (38mm)SA 419 Flat Head screw 1-1/2" x 10 (38mm)SA 420 Flat Head screw 1-1/2" x 10 (38mm)SA 421 Flat Head screw 1-1/2" x 10 (38mm)SA 422 Flat Head screw 1-1/2" x 10 (38mm)SA 423 Flat Head screw 1-1/2" x 10 (38mm)SA 424 Flat Head screw 1-1/2" x 10 (38mm)SA 425 Flat Head screw 1-1/2" x 10 (38mm)SA 426 Flat Head screw 1-1/2" x 10 (38mm)SA 427 Flat Head screw 1-1/2" x 10 (38mm)SA 428 Flat Head screw 1-1/2" x 10 (38mm)SA 429 Flat Head screw 1-1/2" x 10 (38mm)SA 430 Flat Head screw 1-1/2" x 10 (38mm)SA 431 Flat Head screw 1-1/2" x 10 (38mm)SA 432 Flat Head screw 1-1/2" x 10 (38mm)SA 433 Flat Head screw 1-1/2" x 10 (38mm)SA 434 Flat Head screw 1-1/2" x 10 (38mm)SA 435 Flat Head screw 1-1/2" x 10 (38mm)SA 436 Flat Head screw 1-1/2" x 10 (38mm)SA 437 Flat Head screw 1-1/2" x 10 (38mm)SA 438 Flat Head screw 1-1/2" x 10 (38mm)SA 439 Flat Head screw 1-1/2" x 10 (38mm)SA 440 Flat Head screw 1-1/2" x 10 (38mm)SA 441 Flat Head screw 1-1/2" x 10 (38mm)SA 442 Flat Head screw 1-1/2" x 10 (38mm)SA 443 Flat Head screw 1-1/2" x 10 (38mm)SA 444 Flat Head screw 1-1/2" x 10 (38mm)SA 445 Flat Head screw 1-1/2" x 10 (38mm)SA 446 Flat Head screw 1-1/2" x 10 (38mm)SA 447 Flat Head screw 1-1/2" x 10 (38mm)SA 448 Flat Head screw 1-1/2" x 10 (38mm)SA 449 Flat Head screw 1-1/2" x 10 (38mm)SA 450 Flat Head screw 1-1/2" x