

Socket Head Cap Screws - 1960 series

#0 to 1/2 - UNRC/UNRF

Inch



Suitable for all high tensile applications. Up to 190,000 psi highest of any socket cap screw. Use Stainless for corrosive, cryogenic or elevated temperature environments.

Equivalent Standards

ASME B18.3

Mechanical Properties

| Screw Size | ≥ 1/2 | < 1/2 |
|------------------|----------|----------|
| Heat Treatment | 39-43 RC | 39-43 RC |
| Tensile Strength | 190 ksi | 180 ksi |
| Yield Strength | 170 ksi | 162 ksi |
| Shear Strength | 114 ksi | 108 ksi |

Material: Unbrako High Grade Alloy Steel

Elongation is 2 inches - 10% min.

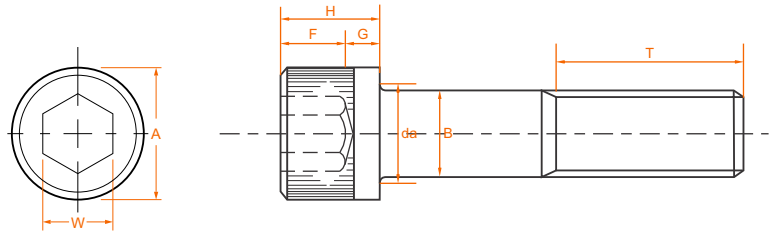
Reduction of area - 35% min.

Length 'L' Tolerance (in)

| Diameter | up to 1" incl. | | over 1" to 2 1/2" incl. | over 2 1/2" to 6" incl. |
|--------------------|-------------------|------|-------------------------|-------------------------|
| | #0 thru 3/8 incl. | -.03 | -.04 | -.06 |
| 7/16 to 3/4 incl. | -.03 | -.06 | -.08 | -.12 |
| 7/8 to 1-1/2 incl. | -.05 | -.10 | -.14 | -.20 |
| over 1 1/2 | | -.18 | -.20 | -.24 |

NOTES:

1. Thread Class: #0 to 1": 3A, over 1": 2A
2. Working Temperature: -50°C to +300°C
3. Torques calculated in accordance with VDI 2230 "Systematic calculation of high duty bolted joints" with $\sigma 0.2 = 155$ K.S.I. and $\mu = 0.125$ for plain finish and $\mu = 0.094$ for plated. Above 0.625" dia. $\sigma 0.2 = 140$ K.S.I.
4. The following diameters are fully interchangeable between 1936 and 1960 series:- No 10, 1/4", 3/8", 1/2" for both UNC and UNF

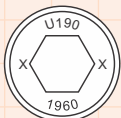


Product Dimensions

| Thread Size | Threads per Inch | | Head Diameter A | | Hex Socket Size W | Head Height H | | Key Depth F | Key Depth G | |
|-------------|------------------|------|-----------------|------|-------------------|---------------|------|-------------|-------------|------|
| | nom. | UNRC | UNRF | max | min | nom | max | min | min | |
| #0 | - | 80 | | .096 | .091 | .050 | .060 | .057 | .025 | .020 |
| #1 | 64 | 72 | | .118 | .112 | .062 | .073 | .070 | .031 | .025 |
| #2 | 56 | 64 | | .140 | .134 | .078 | .086 | .083 | .038 | .029 |
| #3 | 48 | 56 | | .161 | .154 | .078 | .099 | .095 | .044 | .034 |
| #4 | 40 | 48 | | .183 | .176 | .094 | .112 | .108 | .051 | .038 |
| #5 | 40 | 44 | | .205 | .198 | .094 | .125 | .121 | .057 | .043 |
| #6 | 32 | 40 | | .226 | .218 | .109 | .138 | .134 | .064 | .047 |
| #8 | 32 | 36 | | .270 | .262 | .141 | .164 | .159 | .077 | .056 |
| #10 | 24 | 32 | | .312 | .303 | .156 | .190 | .185 | .090 | .065 |
| 1/4 | 20 | 28 | | .375 | .365 | .188 | .250 | .244 | .120 | .095 |
| 5/16 | 18 | 24 | | .469 | .457 | .250 | .312 | .306 | .151 | .119 |
| 3/8 | 16 | 24 | | .562 | .550 | .312 | .375 | .368 | .182 | .143 |
| 7/16 | 14 | 20 | | .656 | .642 | .375 | .437 | .430 | .213 | .166 |
| 1/2 | 13 | 20 | | .750 | .735 | .375 | .500 | .492 | .245 | .190 |

| Thread Size | Body Diameter B | | Transition Diameter da | | Thread Length T | Recommended seating torque (in-lbs) | |
|-------------|-----------------|-------|------------------------|------|-----------------|-------------------------------------|-------|
| | max | min | max | min | | UNRC | UNRF |
| #0 | .060 | .0568 | .074 | .051 | .500 | - | 3 |
| #1 | .073 | .0695 | .087 | .061 | .625 | 5 | 5 |
| #2 | .086 | .0822 | .102 | .073 | .625 | 7 | 8 |
| #3 | .099 | .0949 | .115 | .084 | .625 | 12 | 13 |
| #4 | .112 | .1075 | .130 | .094 | .750 | 18 | 19 |
| #5 | .125 | .1202 | .145 | .107 | .750 | 24 | 25 |
| #6 | .138 | .1329 | .158 | .116 | .750 | 34 | 36 |
| #8 | .164 | .1585 | .188 | .142 | .875 | 59 | 60 |
| #10 | .190 | .1840 | .218 | .160 | .875 | 77 | 91 |
| 1/4 | .250 | .2435 | .278 | .215 | 1.000 | 200 | 240 |
| 5/16 | .3125 | .3053 | .347 | .273 | 1.125 | 425 | 475 |
| 3/8 | .375 | .3678 | .415 | .331 | 1.250 | 750 | 850 |
| 7/16 | .4375 | .4294 | .484 | .388 | 1.375 | 1,200 | 1,350 |
| 1/2 | .500 | .4919 | .552 | .446 | 1.500 | 1,850 | 2,150 |

Head Marking



'X' represents Lot Traceability E-CODE

Unbrako

Socket Head Cap Screws - 1960 series

5/8 to 3 - UNRC/UNRF

Inch



Suitable for all high tensile applications. Up to 190,000 psi highest of any socket cap screw. Use Stainless for corrosive, cryogenic or elevated temperature environments.

Equivalent Standards

ASME B18.3

Mechanical Properties

| Screw Size | ≥ 1/2 | < 1/2 |
|------------------|----------|----------|
| Heat Treatment | 39-43 RC | 39-43 RC |
| Tensile Strength | 190 ksi | 180 ksi |
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Material: Unbrako High Grade Alloy Steel

Elongation is 2 inches - 10% min.

Reduction of area - 35% min.

Length 'L' Tolerance (in)

| Diameter | up to 1" incl. | | over 1" to 2 1/2" incl. | over 2 1/2" to 6" incl. | over 6" |
|--------------------|-------------------|------|-------------------------|-------------------------|---------|
| | #0 thru 3/8 incl. | -.03 | -.04 | -.06 | -.12 |
| 7/16 to 3/4 incl. | -.03 | -.06 | -.08 | -.12 | |
| 7/8 to 1-1/2 incl. | -.05 | -.10 | -.14 | -.20 | |
| over 1 1/2 | | -.18 | -.20 | -.24 | |

NOTES:

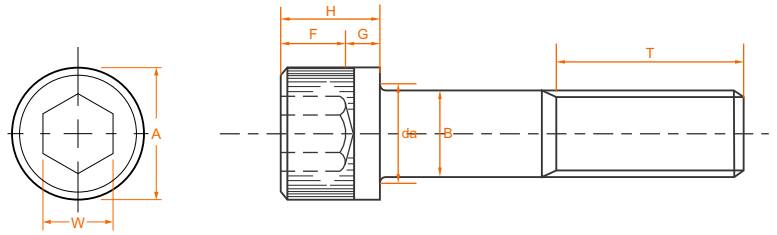
1. Thread Class: #0 to 1" - 3A, over 1" - 2A
2. Working Temperature: -50°C to +300°C
3. Torques calculated in accordance with VDI 2230 "Systematic calculation of high duty bolted joints" with $\sigma 0.2 = 155 \text{ K.S.I.}$ and $\mu = 0.125$ for plain finish and $\mu = 0.094$ for plated. Above 0.625" dia. $\sigma 0.2 = 140 \text{ K.S.I.}$
4. The following diameters are fully interchangeable between 1936 and 1960 series:- No 10, 1/4", 3/8", 1/2" for both UNC and UNF

Head Marking



'X' represents Lot Traceability E-CODE

Unbrako



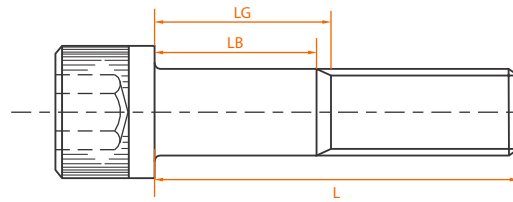
Product Dimensions

| Thread Size nom. | Threads per Inch | | Head Diameter A | | Hex Socket Size W nom. | Head Height H | | Key Depth F min. | Key Depth G min. |
|------------------|------------------|------|-----------------|-------|------------------------|---------------|-------|------------------|------------------|
| | UNRC | UNRF | max | min | | max | min | | |
| 5/8 | 11 | 18 | .938 | .921 | .500 | .625 | .616 | .307 | .238 |
| 3/4 | 10 | 16 | 1.125 | 1.107 | .625 | .750 | .740 | .370 | .285 |
| 7/8 | 9 | 14 | 1.312 | 1.293 | .750 | .875 | .864 | .432 | .333 |
| 1 | 8 | 12 | 1.500 | 1.479 | .750 | 1.000 | .988 | .495 | .380 |
| 1 | - | 14* | 1.500 | 1.479 | .750 | 1.000 | .988 | .495 | .380 |
| 1 1/8 | 7 | 12 | 1.688 | 1.665 | .875 | 1.125 | 1.111 | .557 | .428 |
| 1 1/4 | 7 | 12 | 1.875 | 1.852 | .875 | 1.250 | 1.236 | .620 | .475 |
| 1 3/8 | 6 | 12 | 2.062 | 2.038 | 1.000 | 1.375 | 1.360 | .682 | .523 |
| 1 1/2 | 6 | 12 | 2.250 | 2.224 | 1.000 | 1.500 | 1.485 | .745 | .570 |
| 1 3/4 | 5 | 12 | 2.625 | 2.597 | 1.250 | 1.750 | 1.734 | .870 | .665 |
| 2 | 4 1/2 | 12 | 3.000 | 2.970 | 1.500 | 2.000 | 1.983 | .995 | .760 |
| 2 1/4 | 4 1/2 | 12 | 3.375 | 3.344 | 1.750 | 2.250 | 2.232 | 1.120 | .855 |
| 2 1/2 | 4 | 12 | 3.750 | 3.717 | 1.750 | 2.500 | 2.481 | 1.245 | .950 |
| 2 3/4 | 4 | 12 | 4.125 | 4.090 | 2.000 | 2.750 | 2.730 | 1.370 | 1.045 |
| 3 | 4 | 12 | 4.500 | 4.464 | 2.250 | 3.000 | 2.979 | 1.495 | 1.140 |

| Thread Size nom. | Body Diameter B | | Transition Diameter da | | Thread Length T min | Recommended seating torque (in-lbs) | |
|------------------|-----------------|--------|------------------------|-------|---------------------|-------------------------------------|---------|
| | max | min | max | min | | UNRC | UNRF |
| 5/8 | .625 | .6163 | .689 | .562 | 1.750 | 3,400 | 3,820 |
| 3/4 | .750 | .7406 | .828 | .681 | 2.000 | 6,000 | 6,800 |
| 7/8 | .875 | .8647 | .963 | .798 | 2.250 | 8,400 | 9,120 |
| 1 | 1.000 | .9886 | 1.100 | .914 | 2.500 | 12,500 | 13,200 |
| 1 | 1.000 | .9886 | 1.100 | .914 | 2.500 | - | 13,900 |
| 1 1/8 | 1.125 | 1.1086 | 1.235 | 1.023 | 2.812 | 14,900 | 16,600 |
| 1 1/4 | 1.250 | 1.2336 | 1.370 | 1.148 | 3.125 | 25,000 | 27,000 |
| 1 3/8 | 1.375 | 1.3568 | 1.505 | 1.256 | 3.437 | 33,000 | 35,000 |
| 1 1/2 | 1.500 | 1.4818 | 1.640 | 1.381 | 3.750 | 43,500 | 47,000 |
| 1 3/4 | 1.750 | 1.7295 | 1.910 | 1.609 | 4.375 | 71,500 | 82,500 |
| 2 | 2.000 | 1.9780 | 2.180 | 1.843 | 5.000 | 108,000 | 125,000 |
| 2 1/4 | 2.250 | 2.2280 | 2.450 | 2.093 | 5.625 | 155,000 | 186,000 |
| 2 1/2 | 2.500 | 2.4762 | 2.720 | 2.324 | 6.250 | 215,000 | 248,000 |
| 2 3/4 | 2.750 | 2.7262 | 2.990 | 2.574 | 6.875 | 290,000 | 330,000 |
| 3 | 3.000 | 2.9762 | 3.260 | 2.824 | 7.500 | 375,000 | 430,000 |

Socket Head Cap Screws - 1960 series

Body and Grip Lengths



HIGH-GRADE ALLOY STEEL

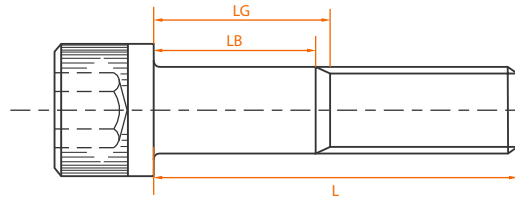
| Length L Nom. | #0 | | #1 | | #2 | | #3 | | #4 | | #5 | | #6 | | #8 | | #10 | | #1/4 | |
|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B |
| 3/4 | .250 | .187 | | | | | | | | | | | | | | | | | | |
| 7/8 | .250 | .187 | .250 | .172 | .250 | .161 | .250 | .146 | | | | | | | | | | | | |
| 1 | .500 | .437 | .250 | .172 | .250 | .161 | .250 | .146 | .250 | .125 | .250 | .125 | | | | | | | | |
| 1 1/4 | .750 | .687 | .625 | .547 | .625 | .536 | .625 | .521 | .250 | .125 | .250 | .125 | .500 | .344 | .375 | .219 | .375 | .167 | | |
| 1 1/2 | | | .875 | .797 | .875 | .786 | .875 | .771 | .750 | .625 | .750 | .625 | .500 | .344 | .375 | .219 | .375 | .167 | .500 | .250 |
| 1 3/4 | | | | | 1.125 | 1.036 | 1.125 | 1.021 | .750 | .625 | .750 | .625 | 1.000 | .844 | .875 | .719 | .875 | .667 | .500 | .250 |
| 2 | | | | | | | 1.375 | 1.271 | 1.250 | 1.125 | 1.250 | 1.125 | 1.000 | .844 | .875 | .719 | .875 | .667 | 1.000 | .750 |
| 2 1/4 | | | | | | | | | 1.250 | 1.125 | 1.250 | 1.125 | 1.500 | 1.344 | 1.375 | 1.219 | 1.375 | 1.167 | 1.000 | .750 |
| 2 1/2 | | | | | | | | | | | 1.750 | 1.625 | 1.500 | 1.344 | 1.375 | 1.219 | 1.375 | 1.167 | 1.500 | 1.250 |
| 2 3/4 | | | | | | | | | | | | | 2.000 | 1.844 | 1.875 | 1.719 | 1.875 | 1.667 | 1.500 | 1.250 |
| 3 | | | | | | | | | | | | | | | 1.875 | 1.719 | 1.875 | 1.667 | 2.000 | 1.750 |
| 3 1/4 | | | | | | | | | | | | | | | 2.375 | 2.219 | 2.375 | 2.167 | 2.000 | 1.750 |
| 3 1/2 | | | | | | | | | | | | | | | | | 2.375 | 2.167 | 2.500 | 2.250 |
| 3 3/4 | | | | | | | | | | | | | | | | | 2.875 | 2.667 | 2.500 | 2.250 |
| 4 | | | | | | | | | | | | | | | | | 2.875 | 2.667 | 3.000 | 2.750 |
| 4 1/4 | | | | | | | | | | | | | | | | | | | 3.000 | 2.750 |
| 4 1/2 | | | | | | | | | | | | | | | | | | | 3.500 | 3.250 |
| 4 3/4 | | | | | | | | | | | | | | | | | | | 3.500 | 3.250 |
| 5 | | | | | | | | | | | | | | | | | | | 4.000 | 3.750 |
| 5 1/4 | | | | | | | | | | | | | | | | | | | | |
| 5 1/2 | | | | | | | | | | | | | | | | | | | | |
| 5 3/4 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 6 1/4 | | | | | | | | | | | | | | | | | | | | |
| 6 1/2 | | | | | | | | | | | | | | | | | | | | |
| 6 3/4 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 7 1/4 | | | | | | | | | | | | | | | | | | | | |
| 7 1/2 | | | | | | | | | | | | | | | | | | | | |
| 7 3/4 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 8 1/2 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 9 1/2 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | |

| Length Tolerance | | | | |
|--------------------|----------------|-------------------------|-------------------------|---------|
| Diameter | up to 1" incl. | over 1" to 2 1/2" incl. | over 2 1/2" to 6" incl. | over 6" |
| #0 thru 3/8 incl. | -.03 | -.04 | -.06 | -.12 |
| 7/16 to 3/4 incl. | -.03 | -.06 | -.08 | -.12 |
| 7/8 to 1-1/2 incl. | -.05 | -.10 | -.14 | -.20 |
| over 1 1/2 | | -.18 | -.20 | -.24 |

LG is the maximum grip length and is the distance from the bearing surface to the first complete thread. LB is the minimum body length and is the length of the unthreaded cylindrical portion of the shank. Thread length for the sizes up to and including 1" diameter shall be controlled by the grip length and body length as shown in the table. For sizes larger than 1" the minimum complete thread length shall be equal to the basic thread length, and the total thread length including imperfect threads shall be basic thread length plus five pitches. Lengths too short to apply formula shall be threaded to head. Complete threads shall extend within two pitches of the head lengths above the heavy line on sizes up to and including 5/8" dia. Larger diameters shall be threaded as close to the head as practicable. Screws of longer lengths than those tabulated shall have a thread length conforming to the formula for sizes larger than 1".

Socket Head Cap Screws - 1960 series

Body and Grip Lengths



| Length L Nom. | 5/16 | | 3/8 | | 7/16 | | 1/2 | | 5/8 | | 3/4 | | 7/8 | | 1 | |
|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B | L _G | L _B |
| 3/4 | | | | | | | | | | | | | | | | |
| 7/8 | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | |
| 1 1/4 | | | | | | | | | | | | | | | | |
| 1 1/2 | | | | | | | | | | | | | | | | |
| 1 3/4 | .625 | .347 | .500 | .187 | | | | | | | | | | | | |
| 2 | .625 | .347 | .500 | .187 | .625 | .268 | | | | | | | | | | |
| 2 1/4 | 1.125 | .847 | 1.000 | .687 | .625 | .268 | .750 | .365 | | | | | | | | |
| 2 1/2 | 1.125 | .847 | 1.000 | .687 | 1.125 | .768 | .750 | .365 | .750 | .295 | | | | | | |
| 2 3/4 | 1.625 | 1.187 | 1.500 | 1.187 | 1.125 | .768 | .750 | .365 | .750 | .295 | 1.000 | .500 | | | | |
| 3 | 1.625 | 1.347 | 1.500 | 1.187 | 1.625 | 1.268 | 1.500 | 1.115 | .750 | .295 | 1.000 | .500 | | | | |
| 3 1/4 | 2.125 | 1.847 | 2.000 | 1.687 | 1.625 | 1.268 | 1.500 | 1.115 | 1.500 | 1.045 | 1.000 | .500 | 1.000 | .444 | | |
| 3 1/2 | 2.125 | 1.847 | 2.000 | 1.687 | 2.125 | 1.768 | 1.500 | 1.115 | 1.500 | 1.045 | 1.000 | .500 | 1.000 | .444 | 1.000 | .375 |
| 3 3/4 | 2.625 | 2.347 | 2.500 | 2.187 | 2.125 | 1.768 | 2.250 | 1.865 | 1.500 | 1.045 | 1.000 | .500 | 1.000 | .444 | 1.000 | .375 |
| 4 | 2.625 | 2.347 | 2.500 | 2.187 | 2.625 | 2.268 | 2.250 | 1.865 | 2.250 | 1.795 | 2.000 | 1.500 | 1.000 | .444 | 1.000 | .375 |
| 4 1/4 | 3.125 | 2.847 | 3.000 | 2.687 | 2.625 | 2.268 | 2.250 | 1.865 | 2.250 | 1.795 | 2.000 | 1.500 | 2.000 | 1.444 | 1.000 | .375 |
| 4 1/2 | 3.125 | 2.847 | 3.000 | 2.687 | 3.125 | 2.768 | 3.000 | 2.615 | 2.250 | 1.795 | 2.000 | 1.500 | 2.000 | 1.444 | 2.000 | 1.375 |
| 4 3/4 | 3.625 | 3.347 | 3.500 | 3.187 | 3.125 | 2.768 | 3.000 | 2.615 | 3.000 | 2.545 | 2.000 | 1.500 | 2.000 | 1.444 | 2.000 | 1.375 |
| 5 | 3.625 | 3.347 | 3.500 | 3.187 | 3.625 | 3.268 | 3.000 | 2.615 | 3.000 | 2.545 | 3.000 | 2.500 | 2.000 | 1.444 | 2.000 | 1.375 |
| 5 1/4 | 4.125 | 3.847 | 4.000 | 3.687 | 3.625 | 3.268 | 3.750 | 3.365 | 3.000 | 2.545 | 3.000 | 2.500 | 3.000 | 2.444 | 2.000 | 1.375 |
| 5 1/2 | 4.125 | 3.847 | 4.000 | 3.687 | 4.125 | 3.768 | 3.750 | 3.365 | 3.750 | 3.295 | 3.000 | 2.500 | 3.000 | 2.444 | 3.000 | 2.375 |
| 5 3/4 | 4.625 | 4.347 | 4.500 | 4.187 | 4.125 | 3.768 | 3.750 | 3.365 | 3.750 | 3.295 | 3.000 | 2.500 | 3.000 | 2.444 | 3.000 | 2.375 |
| 6 | 4.625 | 4.347 | 4.500 | 4.187 | 4.625 | 4.268 | 4.500 | 4.115 | 3.750 | 3.295 | 4.000 | 3.500 | 3.000 | 2.444 | 3.000 | 2.375 |
| 6 1/4 | 5.125 | 4.847 | 5.000 | 4.687 | 4.625 | 4.268 | 4.500 | 4.115 | 4.500 | 4.045 | 4.000 | 3.500 | 4.000 | 3.444 | 3.000 | 2.375 |
| 6 1/2 | | | 5.000 | 4.687 | 5.125 | 4.768 | 4.500 | 4.115 | 4.500 | 4.045 | 4.000 | 3.500 | 4.000 | 3.444 | 4.000 | 3.375 |
| 6 3/4 | | | 5.500 | 5.187 | 5.125 | 4.768 | 5.250 | 4.865 | 4.500 | 4.045 | 4.000 | 3.500 | 4.000 | 3.444 | 4.000 | 3.375 |
| 7 | | | 5.500 | 5.187 | 5.625 | 5.268 | 5.250 | 4.865 | 5.250 | 4.795 | 5.000 | 4.500 | 4.000 | 3.444 | 4.000 | 3.375 |
| 7 1/4 | | | 6.000 | 5.687 | 5.625 | 5.268 | 5.250 | 4.865 | 5.250 | 4.795 | 5.000 | 4.500 | 5.000 | 4.444 | 4.000 | 4.375 |
| 7 1/2 | | | 6.000 | 5.687 | 6.125 | 5.768 | 6.000 | 5.615 | 5.250 | 4.795 | 5.000 | 4.500 | 5.000 | 4.444 | 5.000 | 4.375 |
| 7 3/4 | | | | | 6.125 | 5.768 | 6.000 | 5.615 | 6.000 | 5.545 | 5.000 | 4.500 | 5.000 | 4.444 | 5.000 | 4.375 |
| 8 | | | | | 6.625 | 6.268 | 6.000 | 5.615 | 6.000 | 5.545 | 6.000 | 5.500 | 5.000 | 4.444 | 5.000 | 4.375 |
| 8 1/2 | | | | | 7.125 | 6.768 | 7.000 | 6.615 | 6.750 | 6.295 | 6.000 | 5.500 | 6.000 | 5.444 | 6.000 | 5.375 |
| 9 | | | | | 7.625 | 7.268 | 7.000 | 6.615 | 6.750 | 6.295 | 7.000 | 6.500 | 6.000 | 5.444 | 6.000 | 5.375 |
| 9 1/2 | | | | | | | 8.000 | 7.615 | 7.750 | 7.295 | 7.000 | 6.500 | 7.000 | 6.444 | 7.000 | 6.375 |
| 10 | | | | | | | 8.000 | 7.615 | 7.750 | 7.295 | 8.000 | 7.500 | 7.000 | 6.444 | 7.000 | 6.375 |
| 11 | | | | | | | | | 9.250 | 8.795 | 9.000 | 8.500 | 8.000 | 7.444 | 8.000 | 7.375 |
| 12 | | | | | | | | | 10.250 | 9.795 | 10.000 | 9.000 | 9.000 | 8.444 | 9.000 | 8.375 |
| 13 | | | | | | | | | | | 11.000 | 10.500 | 10.000 | 9.444 | 10.000 | 9.375 |
| 14 | | | | | | | | | | | 12.000 | 11.500 | 11.000 | 10.444 | 11.000 | 10.375 |
| 15 | | | | | | | | | | | 13.000 | 12.500 | 12.000 | 11.444 | 12.000 | 11.375 |
| 16 | | | | | | | | | | | | | 13.000 | 12.444 | 13.000 | 12.375 |
| 17 | | | | | | | | | | | | | 14.000 | 13.444 | 14.000 | 13.375 |
| 18 | | | | | | | | | | | | | 15.000 | 14.444 | 15.000 | 14.375 |
| 19 | | | | | | | | | | | | | | | 16.000 | 15.375 |
| 20 | | | | | | | | | | | | | | | 17.000 | 16.375 |