

DIN & FASTENERS



STEP 1: Download the Kramp App
STEP 2: Scan the QR code with the Kramp App
STEP 3: Select the desired product

BSP Whitworth tubular wire

| Thread identification | Ø Inch | Ø Outside mm | Ø Nut mm | Ø Core hole mm | Rotations per inch | Stitch from the thread mm |
|-----------------------|--------|--------------|----------|----------------|--------------------|---------------------------|
| G 1/16" | 0,063 | 7,722 | 6,837 | 6,561 | 28 | 0,907 |
| G 1/8" | 0,125 | 9,728 | 8,841 | 8,565 | 28 | 0,907 |
| G 1/4" | 0,25 | 13,157 | 11,863 | 11,445 | 19 | 1,337 |
| G 3/8" | 0,375 | 16,662 | 15,389 | 14,95 | 19 | 1,337 |
| G 1/2" | 0,5 | 20,955 | 19,2 | 18,633 | 14 | 1,814 |
| G 3/4" | 0,75 | 26,441 | 24,772 | 24,12 | 14 | 1,814 |
| G 1" | 1 | 33,249 | 31,014 | 30,292 | 11 | 2,309 |
| G 1 1/4" | 1,25 | 41,91 | 39,819 | 38,953 | 11 | 2,309 |
| G 1 1/2" | 1,5 | 47,803 | 45,712 | 44,846 | 11 | 2,309 |
| G 2" | 2 | 59,614 | 57,722 | 56,657 | 11 | 2,309 |
| G 2 1/2" | 2,5 | 75,184 | 73,391 | 72,227 | 11 | 2,309 |
| G 3" | 3 | 87,884 | 86,289 | 84,927 | 11 | 2,309 |
| G 4" | 4 | 113,03 | 111,733 | 110,073 | 11 | 2,309 |
| G 5" | 5 | 138,43 | 137,332 | 135,473 | 11 | 2,309 |

UNF thread ANSI

| Thread identification | Ø Inch | Ø Outside mm | Ø Core hole mm | Rotations per inch | Stitch from the thread mm |
|-----------------------|--------|--------------|----------------|--------------------|---------------------------|
| 1/4" - 28 UNF | 0,25 | 6,35 | 5,5 | 28 | 0,907 |
| 5/16" - 24 UNF | 0,313 | 7,938 | 6,9 | 24 | 1,058 |
| 3/8" - 24 UNF | 0,375 | 9,525 | 8,5 | 24 | 1,058 |
| 7/16" - 20 UNF | 0,438 | 11,112 | 9,9 | 20 | 1,27 |
| 1/2" - 20 UNF | 0,5 | 12,7 | 11,5 | 20 | 1,27 |
| 9/16" - 18 UNF | 0,563 | 14,288 | 12,9 | 18 | 1,411 |
| 5/8" - 18 UNF | 0,625 | 15,875 | 14,5 | 18 | 1,411 |
| 3/4" - 16 UNF | 0,75 | 19,05 | 17,5 | 16 | 1,587 |
| 7/8" - 14 UNF | 0,875 | 22,225 | 20,4 | 14 | 1,814 |
| 1" - 12 UNF | 1 | 25,4 | 23,25 | 12 | 2,117 |
| 1 1/8" - 12 UNF | 1,125 | 28,575 | 26,5 | 12 | 2,117 |
| 1 1/4" - 12 UNF | 1,25 | 31,75 | 29,5 | 12 | 2,117 |
| 1 3/8" - 12 UNF | 1,375 | 34,925 | 32,75 | 12 | 2,117 |
| 1 1/2" - 12 UNF | 1,5 | 38,1 | 36 | 12 | 2,117 |

Default thread

| Ø Thread mm | Key width mm | Stitch from the thread mm | Core hole mm |
|-------------|--------------|---------------------------|--------------|
| M3 | 5,5 | 0,5 | 2,46 |
| M4 | 7 | 0,7 | 3,24 |
| M5 | 8 | 0,8 | 4,13 |
| M6 | 10 | 1 | 4,92 |
| M7 | 11 | 1 | 5,92 |
| M8 | 13 | 1,25 | 6,65 |
| M10 | 17 | 1,5 | 8,38 |
| M12 | 19 | 1,75 | 10,11 |
| M14 | 22 | 2 | 11,84 |
| M16 | 24 | 2 | 13,84 |
| M18 | 27 | 2,5 | 15,29 |
| M20 | 30 | 2,5 | 17,29 |
| M22 | 32 | 2,5 | 19,29 |
| M24 | 36 | 3 | 20,75 |
| M27 | 41 | 3 | 23,75 |
| M30 | 46 | 3,5 | 26,21 |
| M33 | 50 | 3,5 | 29,21 |
| M36 | 55 | 4 | 31,67 |
| M39 | 60 | 4 | 34,67 |

Fine thread

| Ø Thread mm | Stitch from the thread mm | Core hole mm |
|-------------|---------------------------|--------------|
| M8 | 1 | 6,92 |
| M10 | 1,25 | 8,65 |
| M12 | 1,25 | 10,65 |
| M12 | 1,5 | 10,38 |
| M14 | 1,5 | 12,38 |
| M16 | 1,5 | 14,38 |
| M18 | 1,5 | 16,38 |
| M20 | 1,5 | 18,38 |
| M22 | 1,5 | 20,38 |
| M24 | 2 | 21,84 |
| M27 | 2 | 24,84 |
| M30 | 2 | 27,84 |
| M33 | 3 | 29,75 |
| M36 | 3 | 32,75 |
| M39 | 3 | 35,75 |

UNC thread ANSI

| Thread identification | Ø Inch | Ø Outside mm | Ø Core hole mm | Rotations per inch | Stitch from the thread mm |
|-----------------------|--------|--------------|----------------|--------------------|---------------------------|
| 1/4" - 20 UNC | 0,25 | 6,35 | 5,11 | 20 | 1,27 |
| 5/16" - 18 UNC | 0,313 | 7,938 | 6,55 | 18 | 1,411 |
| 3/8" - 16 UNC | 0,375 | 9,525 | 7,95 | 16 | 1,587 |
| 7/16" - 14 UNC | 0,438 | 11,112 | 9,3 | 14 | 1,814 |
| 1/2" - 13 UNC | 0,5 | 12,7 | 10,73 | 13 | 1,954 |
| 9/16" - 12 UNC | 0,563 | 14,288 | 12,15 | 12 | 2,117 |
| 5/8" - 11 UNC | 0,625 | 15,875 | 13,53 | 11 | 2,309 |
| 3/4" - 10 UNC | 0,75 | 19,05 | 16,46 | 10 | 2,54 |
| 7/8" - 9 UNC | 0,875 | 22,225 | 19,34 | 9 | 2,822 |
| 1" - 8 UNC | 1 | 25,4 | 22,15 | 8 | 3,175 |
| 1 1/8" - 7 UNC | 1,125 | 28,575 | 24,87 | 7 | 3,628 |
| 1 1/4" - 7 UNC | 1,25 | 31,75 | 28,85 | 7 | 3,628 |
| 1 3/8" - 6 UNC | 1,375 | 34,925 | 30,6 | 6 | 4,233 |
| 1 1/2" - 6 UNC | 1,5 | 38,1 | 33,7 | 6 | 4,233 |
| 1 3/4" - 5 UNC | 1,75 | 44,45 | 39,26 | 5 | 5,08 |
| 2" - 4 1/2 UNC | 2 | 50,8 | 45,03 | 4,5 | 5,644 |
| 2 1/4" - 4 1/2 UNC | 2,25 | 57,15 | 51,38 | 4,5 | 5,644 |
| 2 1/2" - 4 UNC | 2,5 | 63,5 | 57 | 4 | 6,35 |
| 2 3/4" - 4 UNC | 2,75 | 69,85 | 63,36 | 4 | 6,35 |

Use the legend to navigate to the product you are looking for in your rack

| | |
|--|--------------------|
| Neutral finishing, e.g. blanc steel, plastic connection parts | Burnished |
| Black zinc plated, black phosphated, black burnished | Aluminium |
| Zinc finished, nickel plated | Stainless steel A2 |
| Yellow chromated, yellow zinc plated, brass plated, brass unfinishes | Stainless steel A4 |

| | | | | | | | |
|--|--|--|---|---|---|--|--|
| DIN 1478 Turnbuckles closed | DIN 1480 Turnbuckles open | DIN 975/976 Studding | DIN 84 Cheese head screws (ISO 1207) | DIN 85 Pan head screws (ISO 1580) | DIN 316 Wing screws | DIN 444 Eyebolt | DIN 553 Slotted grub screws with cone point (ISO 7434) |
| DIN 580 Lifting Eye Bolt | DIN 603 Coach bolt | DIN 604 Flat countersunk nib bolts with hexagon nut | DIN 608 Flat countersunk square neck bolts (with short square neck) | DIN 906 Grub screws with hexagon socket, taper thread | DIN 908 Blanking plugs with collar and hexagon socket, cylindrical thread | DIN 910 Sump plugs with collar and outer hexagon, cylindrical thread | DIN 912 Hexagon socket Head Cap Screws (ISO 4762) |
| DIN 913 Grub screws with flat point (ISO 4026) | DIN 914 Grub screws with cone point (ISO 4027) | DIN 915 Grub screws with full dog point (ISO 4028) | DIN 916 Grub screws with cup point (ISO 4029) | DIN 433 Washers for cheese head screws (ISO 7092) | DIN 434 Square taper washers for U-sections | DIN 435 Square taper washers for I-sections | DIN 436 Square Washers for wood constructions |
| DIN 440 Washers for use in timber constructions | DIN 471 Circlip External | DIN 472 Circlip External | DIN 988 Shim washer | DIN 1440 Medium type washers for pins (ISO 8738) | DIN 2093 Disc Spring Washer | DIN 6340 Heavy duty washers | DIN 6796 Conical spring washer |
| DIN 6798 Serrated lock washer | DIN 6799 Retaining washers for shafts | DIN 6916 Slices, round, for HV connections | DIN 7349 Heavy duty plain washer | DIN 7989 Washers for steel constructions | DIN 9021 Coach bolt washer | DIN 7603 Copper washer | DIN 6901 Self-tapping sheet metal screw |
| DIN 7500 Thread forming screw | DIN 7504 Self drilling screw | DIN 7516 Self-Tapping thread cutting screw | DIN 7976 Hexagon head self tapping screw | DIN 7981 Pan head tapping screw | DIN 7982 Countersunk head tapping screw | DIN 7983 Countersunk (Flat) Head Tapping Screw | DIN 571 Hex wood screw |
| DIN 1151 Wire nails | DIN 1159 Wire staple | DIN 1160 Asphalt nails | DIN 660 Round Head Rivet | DIN 661 Countersunk Head Rivet | DIN 7338 Rivet for brake linings and clutch linings | DIN 94 Split pin | DIN 703 Shafting Collar heavy series |
| DIN 705 Shafting collar | DIN 1481 Roll pin | DIN 931 ISO 4014 Hexagon head bolt with shank | DIN 933 ISO 4017 Hexagon head self(full thread) | DIN 939 Stud | DIN 960 Hexagon head bolt with shank metric fine | DIN 961 Hex Cap Set, Metric Fine Thread - Full Thread | DIN 963 Slotted countersunk head screw |
| DIN 964 Slotted raised countersunk oval head screw | DIN 965 Cross recessed countersunk flat head screw | DIN 966 Cross recessed raised countersunk head screw | DIN 6914 High-strength injection structural bolt | DIN 7380 Pan head screw with hexagon socket | DIN 7984 Hexagon socket thin head cap screw | DIN 7985 Cross recessed raised cheese head screw | DIN 7991 Hexagon socket countersunk head cap screw |
| DIN 88107 Low oval head screw with saw slit | DIN 315 Wing nut | DIN 439 Hexagon thin nut chamfered | DIN 467 Knurled nut, low type | DIN 557 Square Nut | DIN 582 Lifting Eye Nut | DIN 928 Square Weld Nut | DIN 929 Hexagon weld nut |
| DIN 934 Hexagon Nut (ISO 4032) | DIN 935 Hexagon slotted castle nut | DIN 936 Hex nut, low type | DIN 937 Castle nut, low form | DIN 980 Lock nut all metal | DIN 981 Shaftnut | DIN 982 Lock nut type P | DIN 985 Lock nut type T |
| DIN 1587 Hexagon domed cap nut | DIN 6330 Hexagon nut 15 mm high | DIN 6334 Hexagon nut - 30 mm high | DIN 6923 Hexagon nut with flange | DIN 74361 Tapper wheel nut, lock washer | DIN 125 Plain washer | DIN 126 Plain washer galvanized (ISO 7091) | DIN 127 Spring lock washer with flat ends |
| DIN 128 Split Spring Washer, curved | DIN 137 Spring washer curved | DIN 6325 Dowel pin (ISO 8734) | DIN 6887 Gib head key tapered | DIN 6888 Woodruff key | DIN 6885 Parallel key high type | DIN 7343 Spiral Roll pin | DIN 7993 Snap ring |