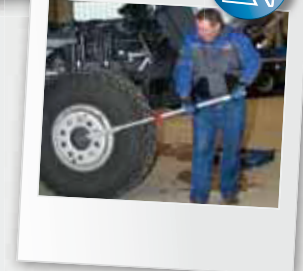


SLEUTELWIJDEN EN SCHROEFDRAAD-DIAMETERS

| mm | Metrisch volgens DIN ISO 272 | Metrisch voor HV-verbinding volgens EN 14399-4 | Sleutelwijdte | Schroefdraad Ø | | Sleutelwijdte | | | |
|----------|------------------------------|--|---------------|----------------|--------|---------------|-------------|-------|--------|
| | | "AF" | | inch | mm | Whitw. | BS 916 1083 | inch | mm |
| 2,5 | 1 | | | | | | | | |
| 3 | 1,4 en 1,2 | | | | | | | | |
| 3,2 | 1,6 | | | | | | | | |
| 4 | 2 | | 5/32 | 0,1562 | 3,97 | 8 BA | | 0,152 | 3,86 |
| 4,5 | 2,3 | | | | | 7 BA | | 0,172 | 4,37 |
| 5 | 2,5 | | 3/16 | 0,1875 | 4,76 | 6 BA | | 0,193 | 4,90 |
| 5,5 | 3 | | 7/32 | 0,2187 | 5,56 | 5 BA | | 0,220 | 5,59 |
| 6 | 3,5 | | 1/4 | 0,2500 | 6,35 | 4 BA | | 0,248 | 6,30 |
| | | | | | | 1/16 W | | 0,256 | 6,90 |
| 7 | 4 | | 9/32 | 0,2812 | 7,14 | 3 BA | | 0,282 | 7,16 |
| 7+8 | 5 | | | | | 3/32 W | | 0,297 | 7,54 |
| | | | 5/16 | 0,3125 | 7,94 | 2 BA | | 0,324 | 8,23 |
| 9 | 5 oud | | 11/32 | 0,3438 | 8,73 | 1/8 W | (3/16) | 0,340 | 8,64 |
| | | | 3/8 | 0,3750 | 9,52 | 1 BA | | 0,365 | 9,27 |
| 8+10 | 6 | | 13/32 | 0,4062 | 10,32 | 0 BA | (7/32) | 0,413 | 10,49 |
| 11 | 7 | | 7/16 | 0,4375 | 11,11 | 3/16 W | 1/4 | 0,445 | 11,30 |
| 12 | | | | | | | | | |
| 10+13 | 8 | | 1/2 | 0,5000 | 12,70 | 1/4 W | 5/16 | 0,525 | 13,34 |
| 14* | 8 oud | | 9/16 | 0,5625 | 14,29 | | | | |
| 15 | 10 KFZ | | 19/32 | 0,5938 | 15,08 | 5/16 W | 3/8 | 0,600 | 15,24 |
| 16 | 10 | | 5/8 | 0,6250 | 15,88 | | | | |
| 13+15+17 | 10 | | 11/16 | 0,6875 | 17,46 | | | | |
| 18 | | | | | | 3/8 W | 7/16 | 0,710 | 18,03 |
| 15+18+19 | 12 | | 3/4 | 0,7500 | 19,05 | | | | |
| 20* | 14 | | 25/32 | 0,7812 | 19,84 | | | | |
| 18+21 | 14 | 12 | 13/16 | 0,8125 | 20,64 | 7/16 W | 1/2 | 0,820 | 20,83 |
| 22+24 | 14 | | 7/8 | 0,8750 | 22,22 | | | | |
| 23* | 16 | | 15/16 | 0,9375 | 23,81 | 1/2 W | 9/16 | 0,920 | 23,37 |
| 21+24* | | | 1. | 1,0000 | 25,40 | | | | |
| 25*+27* | | | | | | | | | |
| 26* | 18 | 16 | 1.1/16 | 1,0625 | 26,99 | 9/16 W | 5/8 | 1,010 | 25,65 |
| 27 | | | | | | 5/8 W | (11/16) | 1,100 | 27,94 |
| 27+30+34 | 20 | | 1.1/8 | 1,1250 | 28,58 | | | | |
| 32+36+41 | 22 | 20 | 1.3/16 | 1,1875 | 30,16 | 11/16 W | 3/4 | 1,200 | 30,48 |
| | | | 1.1/4 | 1,2500 | 31,75 | | | | |
| 34 | 22 | | 1.5/16 | 1,3125 | 33,34 | 3/4 W | 7/8 | 1,300 | 33,02 |
| 36+41 | 24 | 22 | 1.3/8 | 1,3750 | 34,92 | 13/16 W | (15/16) | 1,390 | 35,31 |
| | | | 1.7/16 | 1,4375 | 36,51 | | | | |
| 38* | 27 | 24 | 1.1/2 | 1,5000 | 38,10 | 7/8 W | 1. | 1,480 | 37,59 |
| 41+46 | | | 1.5/8 | 1,6250 | 41,28 | | | | |
| | | | 1.11/16 | 1,6875 | 42,86 | 1. W | 1.1/8 | 1,670 | 42,42 |
| 46+50 | 30 | 27 | 1.3/4 | 1,7500 | 44,45 | | | | |
| | | | 1.13/16 | 1,8125 | 46,04 | 1.1/8 W | 1.1/4 | 1,860 | 47,24 |
| | | | 1.7/8 | 1,8750 | 47,62 | | | | |
| 50+55 | 33 | 30 | 2. | 2,0000 | 50,80 | | | | |
| | | | 2.1/16 | 2,0625 | 52,39 | 1.1/4 W | 1.3/8 | 2,050 | 52,07 |
| 55+60 | 36 | | 2.3/16 | 2,1875 | 55,56 | | | | |
| 60+65 | 39 | 36 | 2.1/4 | 2,2500 | 57,15 | 1.3/8 W | 1.1/2 | 2,220 | 56,39 |
| | | | 2.3/8 | 2,3750 | 60,32 | | | | |
| | | | 2.7/16 | 2,4375 | 61,91 | 1.1/2 W | 1.5/8 | 2,410 | 61,21 |
| 65 | 42 | | 2.9/16 | 2,5625 | 65,09 | 1.5/8 W | 1.3/4 | 2,580 | 65,53 |
| | | | 2.5/8 | 2,3750 | 66,68 | | | | |
| 70 | 45 | | 2.3/4 | 2,7500 | 69,85 | 1.3/4 W | 2. | 2,760 | 70,10 |
| 75 | 48 | | 2.13/16 | 2,8125 | 71,44 | | | | |
| | | | 2.15/16 | 2,9375 | 74,61 | | | | |
| | | | 3 | 3,0000 | 76,20 | (1.7/8 W) | | | 76,70 |
| 80 | 52 | | 3.1/8 | 3,1250 | 79,38 | | 2.1/4 | 3,150 | 80,01 |
| 85 | 56 | | 3.3/8 | 3,3750 | 85,72 | | | | |
| 90 | 60 | | 3.1/2 | 3,5000 | 88,90 | | 2.1/2 | 3,550 | 90,17 |
| 95 | 64 | | 3.3/4 | 3,7500 | 95,25 | | | | |
| 100 | 68 | | 3.7/8 | 3,8750 | 98,42 | | 2.3/4 | 3,890 | 98,81 |
| 105 | 72 | | 4.1/8 | 4,1250 | 104,78 | | 3. | 4,180 | 106,17 |
| 110 | 76 | | 4.1/4 | 4,2500 | 107,95 | | | | |
| 115 | 80 | | 4.1/2 | 4,5000 | 114,30 | | 3.1/4 | 4,530 | 115,06 |
| 120 | 85 | | 4.5/8 | 4,6250 | 117,48 | | | | |
| 125* | | | 4.7/8 | 4,8750 | 123,82 | | 3.1/2 | 4,850 | 123,19 |
| | | | 5. | 5,0000 | 127,00 | | | | |
| 130 | 90 | | 5.1/4 | 5,2500 | 133,35 | | 3.3/4 | 5,180 | 131,57 |
| 135 | 95 | | 5.3/8 | 5,3750 | 136,52 | | | | |
| 140* | | | 5.5/8 | 5,6250 | 142,88 | | 4. | 5,550 | 140,97 |
| 145 | 100 | | 5.3/4 | 5,7500 | 146,05 | | | | |
| 150 | 105 | | 6. | 6,0000 | 152,40 | | | | |
| 155 | 110 | | 6.1/8 | 6,1250 | 155,58 | | 4.1/2 | 6,380 | 162,05 |
| 160* | | | | | | | | | |
| 165 | 115 | | | | | | | | |
| 170 | 120 | | | | | | | | |
| 175* | | | | | | | | | |
| 180 | 125 | | | | | | | | |
| 185 | 130 | | | | | | | | |
| 200 | 140 | | | | | | | | |
| 210 | 150 | | | | | | | | |

* niet genormeerd

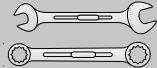




Omreken Tabellen inch in decimaal-inch en mm

| in. | dec. in. | mm | in. | dec. in. | mm |
|-------------|---------------|----------------|--------------|---------------|----------------|
| 0 | 0 | 0 | 1/2 | 0.5 | 12,7000 |
| 1/64 | 0.015625 | 0,3969 | 33/64 | 0.515625 | 13,0969 |
| 1/32 | 0.03125 | 0,7938 | 17/32 | 0.53125 | 13,4938 |
| 3/64 | 0.046875 | 1,1906 | 35/64 | 0.546875 | 13,8906 |
| 1/16 | 0.0625 | 1,5875 | 9/16 | 0.5625 | 14,2875 |
| 5/64 | 0.078125 | 1,9844 | 37/64 | 0.578125 | 14,6844 |
| 3/32 | 0.09375 | 2,3812 | 19/32 | 0.59375 | 15,0812 |
| 7/64 | 0.109375 | 2,7781 | 39/64 | 0.609375 | 15,4781 |
| 1/8 | 0.125 | 3,1750 | 5/8 | 0.625 | 15,8750 |
| 9/64 | 0.140625 | 3,5719 | 41/64 | 0.640625 | 16,2719 |
| 5/32 | 0.15625 | 3,9688 | 21/32 | 0.65625 | 16,6688 |
| 11/64 | 0.171875 | 4,3656 | 43/64 | 0.671875 | 17,0656 |
| 3/16 | 0.1875 | 4,7625 | 11/16 | 0.6875 | 17,4625 |
| 13/64 | 0.203125 | 5,1594 | 45/64 | 0.703125 | 17,8594 |
| 7/32 | 0.21875 | 5,5562 | 23/32 | 0.71875 | 18,2562 |
| 15/64 | 0.234375 | 5,9531 | 47/64 | 0.734375 | 18,6531 |
| 1/4 | 0.25 | 6,3500 | 3/4 | 0.75 | 19,0500 |
| 17/64 | 0.265625 | 6,7469 | 49/64 | 0.765625 | 19,4469 |
| 9/32 | 0.28125 | 7,1438 | 25/32 | 0.78125 | 19,8438 |
| 19/62 | 0.296875 | 7,5406 | 51/64 | 0.796875 | 20,2406 |
| 5/16 | 0.3125 | 7,9375 | 13/16 | 0.8125 | 20,6375 |
| 21/64 | 0.328125 | 8,3344 | 53/64 | 0.828125 | 21,0344 |
| 11/32 | 0.34375 | 8,7312 | 27/32 | 0.84375 | 21,4312 |
| 23/64 | 0.359375 | 9,1281 | 55/64 | 0.859375 | 21,8281 |
| 3/8 | 0.375 | 9,5250 | 7/8 | 0.875 | 22,2250 |
| 25/64 | 0.390625 | 9,9219 | 57/64 | 0.890625 | 22,6219 |
| 13/32 | 0.40625 | 10,3188 | 29/32 | 0.90625 | 23,0188 |
| 27/64 | 0.421875 | 10,7156 | 59/64 | 0.921875 | 23,4156 |
| 7/16 | 0.4375 | 11,1125 | 15/16 | 0.9375 | 23,8125 |
| 29/64 | 0.453125 | 11,5094 | 61/64 | 0.953125 | 24,2094 |
| 15/32 | 0.46875 | 11,9062 | 31/32 | 0.96875 | 24,6062 |
| 31/64 | 0.484375 | 12,3031 | 63/64 | 0.984375 | 25,0031 |
| | | | 1 | 1 | 25,4000 |

mm



Nominale afmeting/s in mm

Tolerantieklasse 1 volgens ISO 691 grensmaatafwijking

Tolerantieklasse 2^a volgens ISO 691 grensmaatafwijking

| | min. max. | | min. max. | |
|---------------|-----------|--------|-----------|--------|
| | | | | |
| 2 ≤ s < 3 | + 0,02 | + 0,08 | + 0,02 | + 0,12 |
| 3 ≤ s < 4 | + 0,02 | + 0,10 | + 0,02 | + 0,14 |
| 4 ≤ s < 6 | + 0,02 | + 0,12 | + 0,02 | + 0,16 |
| 6 ≤ s < 10 | + 0,03 | + 0,15 | + 0,03 | + 0,19 |
| 10 ≤ s < 12 | + 0,04 | + 0,19 | + 0,04 | + 0,24 |
| 12 ≤ s < 14 | + 0,04 | + 0,24 | + 0,04 | + 0,30 |
| 14 ≤ s < 17 | + 0,05 | + 0,27 | + 0,05 | + 0,35 |
| 17 ≤ s < 19 | + 0,05 | + 0,30 | + 0,05 | + 0,40 |
| 19 ≤ s < 26 | + 0,06 | + 0,36 | + 0,06 | + 0,46 |
| 26 ≤ s < 33 | + 0,08 | + 0,48 | + 0,08 | + 0,58 |
| 33 ≤ s < 55 | + 0,10 | + 0,60 | + 0,10 | + 0,70 |
| 55 ≤ s < 75 | + 0,12 | + 0,72 | + 0,12 | + 0,92 |
| 75 ≤ s < 105 | + 0,15 | + 0,85 | + 0,15 | + 1,15 |
| 105 ≤ s < 150 | + 0,20 | + 1,00 | + 0,20 | + 1,40 |
| 150 ≤ s < 210 | + 0,25 | + 1,25 | - | - |

* Deze tolerantieklasse geldt slechts voor ringsleutels of dop sleutels, die niet door het verwijderen van materiaal zijn vervaardigd

Sleutelmaten volgens deze internationale norm moeten aangeduid worden met:

- a) "Sleutelwijdte"
- b) Verwijzing naar de internationale norm, d.w.z. ISO 691
- c) Nominale maat s, in millimeter
- d) Tolerantieklasse 1 of 2

