

Toleranztabelle

Grenzabmaße in µm (1 µm = 0,001 mm) | Quelle: JUS Spanntechnik GmbH

Außenmaße (Wellen) – Grenzabmaße in µm

| Nennmaß von | Bereich bis | Grenzabmaße in µm | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------------------|------------|------------|-----------|----------|----------|----------|----------|----------|------------|-----------|--------------|-----------|------------|------------|------------|------------|------------|
| | | f6 | f7 | g6 | h3 | h4 | h5 | h6 | h8 | h9 | h15 | j6 | js4 | k6 | m5 | m6 | n6 | p6 | r6 |
| 1 | 3 | -6 -12 | -6 -16 | -2 -8 | 0 -2 | 0 -3 | 0 -4 | 0 -6 | 0 -14 | 0 -25 | 0 -400 | +4 -2 | +1,5 -1,5 | +6 0 | +6 +2 | +8 +2 | +10 +4 | +12 +6 | +16 +10 |
| 3 | 6 | -10 -18 | -10 -22 | -4 -12 | 0 -2,5 | 0 -4 | 0 -5 | 0 -8 | 0 -18 | 0 -30 | 0 -480 | +6 -2 | +2 -2 | +9 +1 | +9 +4 | +12 +4 | +16 +8 | +20 +12 | +23 +15 |
| 6 | 10 | -13 -22 | -13 -28 | -5 -14 | 0 -2,5 | 0 -4 | 0 -6 | 0 -9 | 0 -22 | 0 -36 | 0 -580 | +7 -2 | +2 -2 | +10 +1 | +12 +6 | +15 +6 | +19 +10 | +24 +15 | +28 +19 |
| 10 | 18 | -16 -27 | -16 -34 | -6 -17 | 0 -3 | 0 -5 | 0 -8 | 0 -11 | 0 -27 | 0 -43 | 0 -700 | +8 -3 | +2,5 -2,5 | +12 +1 | +15 +7 | +18 +7 | +23 +12 | +29 +18 | +34 +23 |
| 18 | 30 | -20 -33 | -20 -41 | -7 -20 | 0 -4 | 0 -6 | 0 -9 | 0 -13 | 0 -33 | 0 -52 | 0 -840 | +9 -4 | +3 -3 | +15 +2 | +17 +8 | +21 +8 | +28 +15 | +35 +22 | +41 +28 |
| 30 | 50 | -25 -41 | -25 -50 | -9 -25 | 0 -4 | 0 -7 | 0 -11 | 0 -16 | 0 -39 | 0 -62 | 0 -1000 | +11 -5 | +3,5 -3,5 | +18 +2 | +20 +9 | +25 +9 | +33 +17 | +42 +26 | +50 +34 |
| 50 | 80 | -30 -49 | -30 -60 | -10 -29 | 0 -5 | 0 -8 | 0 -13 | 0 -19 | 0 -46 | 0 -74 | 0 -1200 | +12 -7 | +4 -4 | +21 +2 | +24 +11 | +30 +11 | +39 +20 | +51 +32 | +60 +43 |
| 80 | 120 | -36 -58 | -36 -71 | -12 -34 | 0 -6 | 0 -10 | 0 -15 | 0 -22 | 0 -54 | 0 -87 | 0 -1400 | +13 -9 | +5 -5 | +25 +3 | +28 +13 | +35 +13 | +45 +23 | +59 +37 | +73 +51 |

Innenmaße (Bohrungen) – Grenzabmaße in µm

| Nennmaß von | Bereich bis | Grenzabmaße in µm | | | | | | | | | | | | | | | | | | |
|-------------|-------------|-------------------|------------|------------|-----------|-----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|------------|
| | | E6 | F6 | F7 | G6 | G7 | H5 | H6 | H7 | H8 | H9 | H10 | H11 | J7 | K6 | M6 | N6 | P6 | P7 | R6 |
| 1 | 3 | +20 +14 | +12 +6 | +16 +6 | +8 +2 | +12 +2 | +4 0 | +6 0 | +10 0 | +14 0 | +25 0 | +40 0 | +60 0 | +4 -6 | 0 -6 | -2 -8 | -4 -10 | -6 -12 | -6 -16 | -10 -16 |
| 3 | 6 | +28 +20 | +18 +10 | +22 +10 | +12 +4 | +16 +4 | +5 0 | +8 0 | +12 0 | +18 0 | +30 0 | +48 0 | +75 0 | +6 -6 | +2 -6 | -1 -9 | -5 -13 | -9 -17 | -8 -20 | -12 -20 |

| | | | | | | | | | | | | | | | | | | | | |
|-----------|------------|------------|------------|------------|------------|------------|----------|----------|----------|----------|----------|-----------|-----------|------------|-----------|-----------|------------|------------|------------|------------|
| 6 | 10 | +34 +25 | +22 +13 | +28 +13 | +14 +5 | +20 +5 | +6 0 | +9 0 | +15 0 | +22 0 | +36 0 | +58 0 | +90 0 | +8 -7 | +2 -7 | -3 -12 | -7 -16 | -12 -21 | -9 -24 | -16 -25 |
| 10 | 18 | +43 +32 | +27 +16 | +34 +16 | +17 +6 | +24 +6 | +8 0 | +11 0 | +18 0 | +27 0 | +43 0 | +70 0 | +110 0 | +10 -8 | +2 -9 | -4 -15 | -9 -20 | -15 -26 | -11 -29 | -20 -31 |
| 18 | 30 | +53 +40 | +33 +20 | +41 +20 | +20 +7 | +28 +7 | +9 0 | +13 0 | +21 0 | +33 0 | +52 0 | +84 0 | +130 0 | +12 -9 | +2 -11 | -4 -17 | -11 -24 | -18 -31 | -14 -35 | -24 -37 |
| 30 | 50 | +66 +50 | +41 +25 | +50 +25 | +25 +9 | +34 +9 | +11 0 | +16 0 | +25 0 | +39 0 | +62 0 | +100 0 | +160 0 | +14 -11 | +3 -13 | -4 -20 | -12 -28 | -21 -37 | -17 -42 | -29 -45 |
| 50 | 80 | +79 +60 | +49 +30 | +60 +30 | +29 +10 | +40 +10 | +13 0 | +19 0 | +30 0 | +46 0 | +74 0 | +120 0 | +190 0 | +18 -12 | +4 -15 | -5 -24 | -14 -33 | -26 -45 | -21 -51 | -35 -56 |
| 80 | 120 | +94 +72 | +58 +36 | +71 +36 | +34 +12 | +47 +12 | +15 0 | +22 0 | +35 0 | +54 0 | +87 0 | +140 0 | +220 0 | +22 -13 | +4 -18 | -6 -28 | -16 -38 | -30 -52 | -24 -59 | -44 -66 |

Alle Angaben in µm (Mikrometer) | 1 µm = 0,001 mm | Nennmaßbereiche in mm | © JUS Spanntechnik GmbH – www.jus-spanntechnik.de