# 常用するはめあいで用いる軸の寸法公差

単位 μm

| 基準寸法の区分 (mm) | | 軸の公差域クラス | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 超え | 以下 | b9 | c9 | d8 | d9 | e7 | e8 | e9 | f6 | f7 | f8 | g5 | g6 | h4 | h5 | h6 | h7 | h8 |
| - | 3 | -140 | -60 | -20 | -20 | -14 | -14 | -14 | -6 | -6 | -6 | -2 | -2 | 0 | 0 | 0 | 0 | 0 |
| | | -165 | -85 | -34 | -45 | -24 | -28 | -39 | -12 | -16 | -20 | -6 | -8 | -3 | -4 | -6 | -10 | -14 |
| 3 | 6 | -140 | -70 | -30 | -30 | -20 | -20 | -20 | -10 | -10 | -10 | -4 | -4 | 0 | 0 | 0 | 0 | 0 |
| | | -170 | -100 | -48 | -60 | -32 | -38 | -50 | -18 | -22 | -28 | -9 | -12 | -4 | -5 | -8 | -12 | -18 |
| 6 | 10 | -150 | -80 | -40 | -40 | -25 | -25 | -25 | -13 | -13 | -13 | -5 | -5 | 0 | 0 | 0 | 0 | 0 |
| | | -186 | -116 | -62 | -76 | -40 | -47 | -61 | -22 | -28 | -35 | -11 | -14 | -4 | -6 | -9 | -15 | -22 |
| 10 | 14 | -150 | -95 | -50 | -50 | -32 | -32 | -32 | -16 | -16 | -16 | -6 | -6 | 0 | 0 | 0 | 0 | 0 |
| 14 | 18 | -193 | -138 | -77 | -93 | -50 | -59 | -75 | -27 | -34 | -43 | -14 | -17 | -5 | -8 | -11 | -18 | -27 |
| 18 | 24 | -160 | -110 | -65 | -65 | -40 | -40 | -40 | -20 | -20 | -20 | -7 | -7 | 0 | 0 | 0 | 0 | 0 |
| 24 | 30 | -212 | -162 | -98 | -117 | -61 | -73 | -92 | -33 | -41 | -53 | -16 | -20 | -6 | -9 | -13 | -21 | -33 |
| 30 | 40 | -170 | -120 | -80 | -80 | -50 | -50 | -50 | -25 | -25 | -25 | -9 | -9 | 0 | 0 | 0 | 0 | 0 |
| | | -232 | -182 | -119 | -142 | -75 | -89 | -112 | -41 | -50 | -64 | -20 | -25 | -7 | -11 | -16 | -25 | -39 |
| 40 | 50 | -180 | -130 | | | | | | | | | | | | | | | |
| | | -242 | -192 | | | | | | | | | | | | | | | |
| 50 | 65 | -190 | -140 | -100 | -100 | -60 | -60 | -60 | -30 | -30 | -30 | -10 | -10 | 0 | 0 | 0 | 0 | 0 |
| | | -264 | -214 | -146 | -174 | -90 | -106 | -134 | -49 | -60 | -76 | -23 | -29 | -8 | -13 | -19 | -30 | -46 |
| 65 | 80 | -200 | -150 | | | | | | | | | | | | | | | |
| | | -274 | -224 | | | | | | | | | | | | | | | |
| 80 | 100 | -220 | -170 | -120 | -120 | -72 | -72 | -72 | -36 | -36 | -36 | -12 | -12 | 0 | 0 | 0 | 0 | 0 |
| | | -307 | -257 | -174 | -207 | -107 | -126 | -159 | -58 | -71 | -90 | -27 | -34 | -10 | -15 | -22 | -35 | -54 |
| 100 | 120 | -240 | -180 | | | | | | | | | | | | | | | |
| | | -327 | -267 | | | | | | | | | | | | | | | |
| 120 | 140 | -260 | -200 | -145 | -145 | -85 | -85 | -85 | -43 | -43 | -43 | -14 | -14 | 0 | 0 | 0 | 0 | 0 |
| | | -360 | -300 | -208 | -245 | -125 | -148 | -185 | -68 | -83 | -106 | -32 | -39 | -12 | -18 | -25 | -40 | -63 |
| 140 | 160 | -280 | -210 | | | | | | | | | | | | | | | |
| | | -380 | -310 | | | | | | | | | | | | | | | |
| 160 | 180 | -310 | -230 | | | | | | | | | | | | | | | |
| | | -410 | -330 | | | | | | | | | | | | | | | |
| 180 | 200 | -340 | -240 | -170 | -170 | -100 | -100 | -100 | -50 | -50 | -50 | -15 | -15 | 0 | 0 | 0 | 0 | 0 |
| | | -455 | -355 | -242 | -285 | -146 | -172 | -215 | -79 | -96 | -122 | -35 | -44 | -14 | -20 | -29 | -46 | -72 |
| 200 | 225 | -380 | -260 | | | | | | | | | | | | | | | |
| | | -495 | -375 | | | | | | | | | | | | | | | |
| 225 | 250 | -420 | -280 | | | | | | | | | | | | | | | |
| | | -535 | -395 | | | | | | | | | | | | | | | |
| 250 | 280 | -480 | -300 | -190 | -190 | -110 | -110 | -110 | -56 | -56 | -56 | -17 | -17 | 0 | 0 | 0 | 0 | 0 |
| | | -610 | -430 | -271 | -320 | -162 | -191 | -240 | -88 | -108 | -137 | -40 | -49 | -16 | -23 | -32 | -52 | -81 |
| 280 | 315 | -540 | -330 | | | | | | | | | | | | | | | |
| | | -670 | -460 | | | | | | | | | | | | | | | |
| 315 | 355 | -600 | -360 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -48 | 0 | 0 | 0 | 0 | 0 |
| | | -740 | -500 | -299 | -350 | -182 | -214 | -265 | -98 | -119 | -151 | -43 | -54 | -18 | -25 | -36 | -57 | -89 |
| 355 | 400 | -680 | -400 | | | | | | | | | | | | | | | |
| | | -820 | -540 | | | | | | | | | | | | | | | |
| 400 | 450 | -760 | -440 | -230 | -230 | -135 | -135 | -135 | -68 | -68 | -68 | -20 | -20 | 0 | 0 | 0 | 0 | 0 |
| | | -915 | -595 | -327 | -385 | -198 | -232 | -290 | -108 | -131 | -165 | -47 | -60 | -20 | -27 | -40 | -63 | -97 |
| 450 | 500 | -840 | -480 | | | | | | | | | | | | | | | |
| | | -995 | -635 | | | | | | | | | | | | | | | |

# 常用するはめあいで用いる軸の寸法公差

単位 μm

| 基準寸法の区分 (mm) | | 軸の公差域クラス | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 超え | 以下 | h9 | js5 | js6 | js7 | k5 | k6 | m5 | m6 | n5 | n6 | p6 | r6 | s6 | t6 | u6 | x6 |
| - | 3 | 0 | ±2 | ±3 | ±5 | 4 | 6 | 6 | 8 | 8 | 10 | 12 | 16 | 20 | - | 24 | 26 |
| | | -25 | | | | 0 | 0 | 2 | 2 | 4 | 4 | 6 | 10 | 14 | | 18 | 20 |
| 3 | 6 | 0 | ±2.5 | ±4 | ±6 | 6 | 9 | 9 | 12 | 13 | 16 | 20 | 23 | 27 | - | 31 | 36 |
| | | -30 | | | | 1 | 1 | 4 | 4 | 8 | 8 | 12 | 15 | 19 | | 23 | 28 |
| 6 | 10 | 0 | ±3 | ±4.5 | ±7 | 7 | 10 | 12 | 15 | 16 | 19 | 24 | 28 | 32 | - | 37 | 43 |
| | | -36 | | | | 1 | 1 | 6 | 6 | 10 | 10 | 15 | 19 | 23 | | 28 | 34 |
| 10 | 14 | 0 | ±4 | ±5.5 | ±9 | 9 | 12 | 15 | 18 | 20 | 23 | 29 | 34 | 39 | - | 44 | 51 |
| | | -43 | | | | 1 | 1 | 7 | 7 | 12 | 12 | 18 | 23 | 28 | | 33 | 40 |
| 14 | 18 | | | | | | | | | | | | | | | | 56 |
| | | | | | | | | | | | | | | | | | 45 |
| 18 | 24 | 0 | ±4.5 | ±6.5 | ±10 | 11 | 15 | 17 | 21 | 24 | 28 | 35 | 41 | 48 | - | 54 | 67 |
| | | -52 | | | | 2 | 2 | 8 | 8 | 15 | 15 | 22 | 28 | 35 | | 41 | 54 |
| 24 | 30 | | | | | | | | | | | | | | 54 | 61 | 77 |
| | | | | | | | | | | | | | | | 41 | 48 | 64 |
| 30 | 40 | 0 | ±5.5 | ±8 | ±12 | 13 | 18 | 20 | 25 | 28 | 33 | 42 | 50 | 59 | 64 | 76 | - |
| | | -62 | | | | 2 | 2 | 9 | 9 | 17 | 17 | 26 | 34 | 43 | 48 | 60 | |
| 40 | 50 | | | | | | | | | | | | | | 70 | 86 | |
| | | | | | | | | | | | | | | | 54 | 70 | |
| 50 | 65 | 0 | ±6.5 | ±9.5 | ±15 | 15 | 21 | 24 | 30 | 33 | 39 | 51 | 60 | 72 | 85 | 106 | - |
| | | -74 | | | | 2 | 2 | 11 | 11 | 20 | 20 | 32 | 41 | 53 | 66 | 87 | |
| 65 | 80 | | | | | | | | | | | | 62 | 78 | 94 | 121 | |
| | | | | | | | | | | | | | 43 | 59 | 75 | 102 | |
| 80 | 100 | 0 | ±7.5 | ±11 | ±17 | 18 | 25 | 28 | 35 | 38 | 45 | 59 | 73 | 93 | 113 | 146 | - |
| | | -87 | | | | 3 | 3 | 13 | 13 | 23 | 23 | 37 | 51 | 71 | 91 | 124 | |
| 100 | 120 | | | | | | | | | | | | 76 | 101 | 126 | 166 | |
| | | | | | | | | | | | | | 54 | 79 | 104 | 144 | |
| 120 | 140 | 0 | ±9 | ±12.5 | ±20 | 21 | 28 | 33 | 40 | - | 52 | 68 | 88 | 117 | 147 | - | - |
| | | -100 | | | | 3 | 3 | 15 | 15 | | 27 | 43 | 63 | 92 | 122 | | |
| 140 | 160 | | | | | | | | | | | | 90 | 125 | 159 | | |
| | | | | | | | | | | | | | 65 | 100 | 134 | | |
| 160 | 180 | | | | | | | | | | | | 93 | 133 | 171 | | |
| | | | | | | | | | | | | | 68 | 108 | 146 | | |
| 180 | 200 | 0 | ±10 | ±14.5 | ±23 | 24 | 33 | 37 | 46 | - | 60 | 79 | 106 | 151 | - | - | - |
| | | -115 | | | | 4 | 4 | 17 | 17 | | 31 | 50 | 77 | 122 | | | |
| 200 | 225 | | | | | | | | | | | | 109 | 159 | | | |
| | | | | | | | | | | | | | 80 | 130 | | | |
| 225 | 250 | | | | | | | | | | | | 113 | 169 | | | |
| | | | | | | | | | | | | | 84 | 140 | | | |
| 250 | 280 | 0 | ±11.5 | ±16 | ±26 | 27 | 36 | 43 | 52 | - | 66 | 88 | 126 | - | - | - | - |
| | | -130 | | | | 4 | 4 | 20 | 20 | | 34 | 56 | -94 | | | | |
| 280 | 315 | | | | | | | | | | | | 130 | | | | |
| | | | | | | | | | | | | | 98 | | | | |
| 315 | 355 | 0 | ±12.5 | ±18 | ±28 | 29 | 40 | 46 | 57 | - | 73 | 98 | 144 | - | - | - | - |
| | | -140 | | | | 4 | 4 | 21 | 21 | | 37 | 62 | 108 | | | | |
| 355 | 400 | | | | | | | | | | | | 150 | | | | |
| | | | | | | | | | | | | | 114 | | | | |
| 400 | 450 | 0 | ±13.5 | ±20 | ±31 | 32 | 45 | 50 | 63 | - | 80 | 108 | 166 | - | - | - | |
| | | -155 | | | | 5 | 5 | 23 | 23 | | 40 | 68 | 126 | | | | |
| 450 | 500 | | | | | | | | | | | | 172 | | | | |
| | | | | | | | | | | | | | 132 | | | | |