

常用配合的孔的尺寸容許偏差 引自 JIS B 0401 : 1998

Deviations of Holes to be Used in Commonly Used Fits

| 基準尺寸 的分類 (mm) | | 孔的公差域等級 | | | | | | | | | | | | | | | | | | |
|------------------|-----|---------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|
| 超過 | 以下 | B10 | C9 | C10 | D8 | D9 | D10 | E7 | E8 | E9 | F6 | F7 | F8 | G6 | G7 | H6 | H7 | H8 | H9 | H10 |
| - | 3 | +180 | +85 | +100 | +34 | +45 | +60 | +24 | +28 | +39 | +12 | +16 | +20 | +8 | +12 | +6 | +10 | +14 | +25 | +40 |
| | | +140 | +60 | +60 | +20 | +20 | +20 | +14 | +14 | +14 | +6 | +6 | +6 | +2 | +2 | 0 | 0 | 0 | 0 | 0 |
| 3 | 6 | +188 | +100 | +118 | +48 | +60 | +78 | +32 | +38 | +50 | +18 | +22 | +28 | +12 | +16 | +8 | +12 | +18 | +30 | +48 |
| | | +140 | +70 | +70 | +30 | +30 | +30 | +20 | +20 | +20 | +10 | +10 | +10 | +4 | +4 | 0 | 0 | 0 | 0 | 0 |
| 6 | 10 | +208 | +116 | +138 | +62 | +76 | +98 | +40 | +47 | +61 | +22 | +28 | +35 | +14 | +20 | +9 | +15 | +22 | +36 | +58 |
| | | +150 | +80 | +80 | +40 | +40 | +40 | +25 | +25 | +25 | +13 | +13 | +13 | +5 | +5 | 0 | 0 | 0 | 0 | 0 |
| 10 | 14 | +220 | +138 | +165 | +77 | +93 | +120 | +50 | +59 | +75 | +27 | +34 | +43 | +17 | +24 | +11 | +18 | +27 | +43 | +70 |
| | | +150 | +95 | +95 | +50 | +50 | +50 | +32 | +32 | +32 | +16 | +16 | +16 | +6 | +6 | 0 | 0 | 0 | 0 | 0 |
| 18 | 24 | +244 | +162 | +194 | +98 | +117 | +149 | +61 | +73 | +92 | +33 | +41 | +53 | +20 | +28 | +13 | +21 | +33 | +52 | +84 |
| | | +160 | +110 | +110 | +65 | +65 | +65 | +40 | +40 | +40 | +20 | +20 | +20 | +7 | +7 | 0 | 0 | 0 | 0 | 0 |
| 24 | 30 | +270 | +182 | +220 | +119 | +142 | +180 | +75 | +89 | +112 | +41 | +50 | +64 | +25 | +34 | +16 | +25 | +39 | +62 | +100 |
| | | +170 | +120 | +120 | +80 | +80 | +80 | +50 | +50 | +50 | +25 | +25 | +25 | +9 | +9 | 0 | 0 | 0 | 0 | 0 |
| 30 | 40 | +280 | +192 | +230 | +146 | +174 | +220 | +90 | +106 | +134 | +49 | +60 | +76 | +29 | +40 | +19 | +30 | +46 | +74 | +120 |
| | | +180 | +130 | +130 | +100 | +100 | +100 | +60 | +60 | +60 | +30 | +30 | +30 | +10 | +10 | 0 | 0 | 0 | 0 | 0 |
| 40 | 50 | +310 | +214 | +260 | +174 | +207 | +260 | +107 | +126 | +159 | +58 | +71 | +90 | +34 | +47 | +22 | +35 | +54 | +87 | +140 |
| | | +190 | +140 | +140 | +120 | +120 | +120 | +72 | +72 | +72 | +36 | +36 | +36 | +12 | +12 | 0 | 0 | 0 | 0 | 0 |
| 50 | 65 | +420 | +300 | +360 | +208 | +245 | +305 | +125 | +148 | +185 | +68 | +83 | +106 | +39 | +54 | +25 | +40 | +63 | +100 | +160 |
| | | +260 | +200 | +200 | +145 | +145 | +145 | +85 | +85 | +85 | +43 | +43 | +43 | +14 | +14 | 0 | 0 | 0 | 0 | 0 |
| 65 | 80 | +470 | +330 | +390 | +242 | +285 | +355 | +146 | +172 | +215 | +79 | +96 | +122 | +44 | +61 | +29 | +46 | +72 | +115 | +185 |
| | | +310 | +230 | +230 | +170 | +170 | +170 | +100 | +100 | +100 | +50 | +50 | +50 | +15 | +15 | 0 | 0 | 0 | 0 | 0 |
| 80 | 100 | +525 | +355 | +425 | +271 | +320 | +400 | +162 | +191 | +240 | +88 | +108 | +137 | +49 | +69 | +32 | +52 | +81 | +130 | +210 |
| | | +340 | +240 | +240 | +190 | +190 | +190 | +110 | +110 | +110 | +56 | +56 | +56 | +17 | +17 | 0 | 0 | 0 | 0 | 0 |
| 100 | 120 | +565 | +375 | +445 | +299 | +350 | +440 | +182 | +214 | +265 | +98 | +119 | +151 | +54 | +75 | +36 | +57 | +89 | +140 | +230 |
| | | +380 | +260 | +260 | +210 | +210 | +210 | +125 | +125 | +125 | +62 | +62 | +62 | +18 | +18 | 0 | 0 | 0 | 0 | 0 |
| 120 | 140 | +605 | +395 | +465 | +210 | +210 | +210 | +125 | +125 | +125 | +62 | +62 | +62 | +18 | +18 | 0 | 0 | 0 | 0 | 0 |
| | | +420 | +280 | +280 | +210 | +210 | +210 | +125 | +125 | +125 | +62 | +62 | +62 | +18 | +18 | 0 | 0 | 0 | 0 | 0 |
| 140 | 160 | +690 | +430 | +510 | +327 | +385 | +480 | +198 | +232 | +290 | +108 | +131 | +165 | +60 | +83 | +40 | +63 | +97 | +155 | +250 |
| | | +480 | +300 | +300 | +271 | +320 | +400 | +162 | +191 | +240 | +88 | +108 | +137 | +49 | +69 | +32 | +52 | +81 | +130 | +210 |
| 160 | 180 | +750 | +460 | +540 | +190 | +190 | +190 | +110 | +110 | +110 | +56 | +56 | +56 | +17 | +17 | 0 | 0 | 0 | 0 | 0 |
| | | +540 | +330 | +330 | +190 | +190 | +190 | +110 | +110 | +110 | +56 | +56 | +56 | +17 | +17 | 0 | 0 | 0 | 0 | 0 |
| 180 | 200 | +830 | +500 | +590 | +299 | +350 | +440 | +182 | +214 | +265 | +98 | +119 | +151 | +54 | +75 | +36 | +57 | +89 | +140 | +230 |
| | | +600 | +360 | +360 | +210 | +210 | +210 | +125 | +125 | +125 | +62 | +62 | +62 | +18 | +18 | 0 | 0 | 0 | 0 | 0 |
| 200 | 225 | +910 | +540 | +630 | +210 | +210 | +210 | +125 | +125 | +125 | +62 | +62 | +62 | +18 | +18 | 0 | 0 | 0 | 0 | 0 |
| | | +680 | +400 | +400 | +210 | +210 | +210 | +125 | +125 | +125 | +62 | +62 | +62 | +18 | +18 | 0 | 0 | 0 | 0 | 0 |
| 225 | 250 | +1010 | +595 | +690 | +327 | +385 | +480 | +198 | +232 | +290 | +108 | +131 | +165 | +60 | +83 | +40 | +63 | +97 | +155 | +250 |
| | | +760 | +440 | +440 | +327 | +385 | +480 | +198 | +232 | +290 | +108 | +131 | +165 | +60 | +83 | +40 | +63 | +97 | +155 | +250 |
| 250 | 280 | +1090 | +635 | +730 | +230 | +230 | +230 | +135 | +135 | +135 | +68 | +68 | +68 | +20 | +20 | 0 | 0 | 0 | 0 | 0 |
| | | +840 | +480 | +480 | +230 | +230 | +230 | +135 | +135 | +135 | +68 | +68 | +68 | +20 | +20 | 0 | 0 | 0 | 0 | 0 |

備註：表中各段的上側數值表示最大尺寸容許差，下側的數值表示最小尺寸容許差。

單位：mm

| 基準尺寸的分類 (mm) | | 孔的公差域等級 | | | | | | | | | | | | | | |
|--------------|-----|---------|------|-----------|------------|-----------|-----------|-----------|-----------|------------|-----------|------------|------------|----|------------|------------|
| 超過 | 以下 | JS6 | JS7 | K6 | K7 | M6 | M7 | N6 | N7 | P6 | P7 | R7 | S7 | T7 | U7 | X7 |
| - | 3 | ± 3 | ± 5 | 0 -6 | 0 -10 | -2 -8 | -2 -12 | -4 -10 | -4 -14 | -6 -12 | -6 -16 | -10 -20 | -14 -24 | - | -18 -28 | -20 -30 |
| 3 | 6 | ± 4 | ± 6 | + 2 -6 | + 3 -9 | -1 -9 | 0 -12 | -5 -13 | -4 -16 | -9 -17 | -8 -20 | -11 -23 | -15 -27 | - | -19 -31 | -24 -36 |
| 6 | 10 | ± 4.5 | ± 7 | + 2 -7 | + 5 -10 | -3 -12 | 0 -15 | -7 -16 | -4 -19 | -12 -21 | -9 -24 | -13 -28 | -17 -32 | - | -22 -37 | -28 -43 |
| 10 | 14 | ± 5.5 | ± 9 | + 2 | + 6 | -4 | 0 | -9 | -5 | -15 | -11 | -16 | -21 | - | -26 | -33 |
| 14 | 18 | | | -9 | -12 | -15 | -18 | -20 | -23 | -26 | -29 | -34 | -39 | - | -44 | -51 |
| 18 | 24 | ± 6.5 | ± 10 | + 2 | + 6 | -4 | 0 | -11 | -7 | -18 | -14 | -20 | -27 | - | -33 | -46 |
| 24 | 30 | | | -11 | -15 | -17 | -21 | -24 | -28 | -31 | -35 | -41 | -48 | - | -54 | -67 |
| 30 | 40 | ± 8 | ± 12 | + 3 | + 7 | -4 | 0 | -12 | -8 | -21 | -17 | -25 | -34 | - | -39 | -51 |
| 40 | 50 | | | -13 | -18 | -20 | -25 | -28 | -33 | -37 | -42 | -50 | -59 | - | -64 | -76 |
| 50 | 65 | ± 9.5 | ± 15 | + 4 | + 9 | -5 | 0 | -14 | -9 | -26 | -21 | -30 | -42 | - | -55 | -76 |
| 65 | 80 | | | -15 | -21 | -24 | -30 | -33 | -39 | -45 | -51 | -60 | -72 | - | -85 | -106 |
| 80 | 100 | ± 11 | ± 17 | + 4 | + 10 | -6 | 0 | -16 | -10 | -30 | -24 | -38 | -58 | - | -78 | -111 |
| 100 | 120 | | | -18 | -25 | -28 | -35 | -38 | -45 | -52 | -59 | -73 | -93 | - | -113 | -146 |
| 120 | 140 | ± 12.5 | ± 20 | + 4 | + 12 | -8 | 0 | -20 | -12 | -36 | -28 | -48 | -77 | - | -107 | - |
| 140 | 160 | | | -21 | -28 | -33 | -40 | -45 | -52 | -61 | -68 | -88 | -117 | - | -147 | - |
| 160 | 180 | | | -90 | -125 | -159 | - | - | - | - | - | -50 | -85 | - | -119 | - |
| 180 | 200 | ± 14.5 | ± 23 | + 5 | + 13 | -8 | 0 | -22 | -14 | -41 | -33 | -60 | -105 | - | -126 | - |
| 200 | 225 | | | -24 | -33 | -37 | -46 | -51 | -60 | -70 | -79 | -109 | -159 | - | -184 | - |
| 225 | 250 | | | -67 | -123 | -169 | - | - | - | - | - | -53 | -93 | - | -131 | - |
| 250 | 280 | ± 16 | ± 26 | + 5 | + 16 | -9 | 0 | -25 | -14 | -47 | -36 | -74 | -105 | - | -126 | - |
| 280 | 315 | | | -27 | -36 | -41 | -52 | -57 | -66 | -79 | -88 | -126 | -151 | - | -176 | - |
| 315 | 355 | ± 18 | ± 28 | + 7 | + 17 | -10 | 0 | -26 | -16 | -51 | -41 | -87 | -144 | - | -169 | - |
| 355 | 400 | | | -29 | -40 | -46 | -57 | -62 | -73 | -87 | -98 | -144 | -159 | - | -184 | - |
| 400 | 450 | | | -93 | -150 | - | - | - | - | - | - | -74 | -105 | - | -126 | - |
| 450 | 500 | ± 20 | ± 31 | + 8 | + 18 | -10 | 0 | -27 | -17 | -55 | -45 | -103 | -166 | - | -184 | - |
| | | | | -32 | -45 | -50 | -63 | -67 | -80 | -95 | -108 | -166 | -181 | - | -206 | - |

常用配合的軸的尺寸容許偏差 引用自 JIS B 0401 : 1998

Deviations of Shafts to be Used in Commonly Used Fits

| 基準尺寸 的分類 (mm) | | 軸的公差域等級 | | | | | | | | | | | | | | | | |
|---------------------|-----|---------|------|------|------|------|------|------|-----|------|------|-----|-----|-----|-----|-----|-----|------|
| 超過 | 以下 | b9 | c9 | d8 | d9 | e7 | e8 | e9 | f6 | f7 | f8 | g5 | g6 | h5 | h6 | h7 | h8 | h9 |
| - | 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 | -4 | -6 | -10 | -14 | -25 |
| 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 | -5 | -8 | -12 | -18 | -30 |
| 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 | -6 | -9 | -15 | -22 | -36 |
| 10 | 14 | -150 | -95 | -50 | -50 | -32 | -32 | -32 | -16 | -16 | -16 | -6 | -6 | 0 | 0 | 0 | 0 | 0 |
| | | -193 | -138 | -77 | -93 | -50 | -59 | -75 | -27 | -34 | -43 | -14 | -17 | -8 | -11 | -18 | -27 | -43 |
| 18 | 24 | -160 | -110 | -65 | -65 | -40 | -40 | -40 | -20 | -20 | -20 | -7 | -7 | 0 | 0 | 0 | 0 | 0 |
| | | -212 | -162 | -98 | -117 | -61 | -73 | -92 | -33 | -41 | -53 | -16 | -20 | -9 | -13 | -21 | -33 | -52 |
| 30 | 40 | -170 | -120 | -80 | -80 | -50 | -50 | -50 | -25 | -25 | -25 | -9 | -9 | 0 | 0 | 0 | 0 | 0 |
| | | -232 | -182 | | | | | | | | | | | | | | | |
| 40 | 50 | -180 | -130 | -100 | -100 | -60 | -60 | -60 | -30 | -30 | -30 | -10 | -10 | 0 | 0 | 0 | 0 | 0 |
| | | -242 | -192 | | | | | | | | | | | | | | | |
| 50 | 65 | -190 | -140 | -120 | -120 | -72 | -72 | -72 | -36 | -36 | -36 | -12 | -12 | 0 | 0 | 0 | 0 | 0 |
| | | -264 | -214 | | | | | | | | | | | | | | | |
| 65 | 80 | -200 | -150 | -145 | -145 | -85 | -85 | -85 | -43 | -43 | -43 | -14 | -14 | 0 | 0 | 0 | 0 | 0 |
| | | -274 | -224 | | | | | | | | | | | | | | | |
| 80 | 100 | -220 | -170 | -170 | -170 | -100 | -100 | -100 | -50 | -50 | -50 | -15 | -15 | 0 | 0 | 0 | 0 | 0 |
| | | -307 | -257 | | | | | | | | | | | | | | | |
| 100 | 120 | -240 | -180 | -190 | -190 | -110 | -110 | -110 | -56 | -56 | -56 | -17 | -17 | 0 | 0 | 0 | 0 | 0 |
| | | -327 | -267 | | | | | | | | | | | | | | | |
| 120 | 140 | -260 | -200 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -360 | -300 | | | | | | | | | | | | | | | |
| 140 | 160 | -280 | -210 | -270 | -270 | -162 | -162 | -162 | -88 | -108 | -137 | -40 | -49 | -23 | -32 | -52 | -81 | -130 |
| | | -380 | -310 | | | | | | | | | | | | | | | |
| 160 | 180 | -310 | -230 | -190 | -190 | -110 | -110 | -110 | -56 | -56 | -56 | -17 | -17 | 0 | 0 | 0 | 0 | 0 |
| | | -410 | -330 | | | | | | | | | | | | | | | |
| 180 | 200 | -340 | -240 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -455 | -355 | | | | | | | | | | | | | | | |
| 200 | 225 | -380 | -260 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -495 | -375 | | | | | | | | | | | | | | | |
| 225 | 250 | -420 | -280 | -190 | -190 | -110 | -110 | -110 | -56 | -56 | -56 | -17 | -17 | 0 | 0 | 0 | 0 | 0 |
| | | -535 | -395 | | | | | | | | | | | | | | | |
| 250 | 280 | -480 | -300 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -610 | -430 | | | | | | | | | | | | | | | |
| 280 | 315 | -540 | -330 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -670 | -460 | | | | | | | | | | | | | | | |
| 315 | 355 | -600 | -360 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -740 | -500 | | | | | | | | | | | | | | | |
| 355 | 400 | -680 | -400 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -820 | -540 | | | | | | | | | | | | | | | |
| 400 | 450 | -760 | -440 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -915 | -595 | | | | | | | | | | | | | | | |
| 450 | 500 | -840 | -480 | -210 | -210 | -125 | -125 | -125 | -62 | -62 | -62 | -18 | -18 | 0 | 0 | 0 | 0 | 0 |
| | | -995 | -635 | | | | | | | | | | | | | | | |

備註：表中各段的上側數值表示最大尺寸容許偏差，下側的數值表示最小尺寸容許偏差。

單位：μm

| 基準尺寸的分類 (mm) | | 軸的公差域等級 | | | | | | | | | | | | | |
|--------------|-----|---------|--------|------|----------|-----------|-----------|-----------|------------|------------|------------|------------|----|------------|------------|
| 超過 | 以下 | js5 | js6 | js7 | k5 | k6 | m5 | m6 | n6 | p6 | r6 | s6 | t6 | u6 | x6 |
| - | 3 | ± 2 | ± 3 | ± 5 | +4 0 | +6 0 | +6 +2 | +8 +2 | +10 +4 | +12 +6 | +16 +10 | +20 +14 | - | +24 +18 | +26 +20 |
| 3 | 6 | ± 2.5 | ± 4 | ± 6 | +6 +1 | +9 +1 | +9 +4 | +12 +4 | +16 +8 | +20 +12 | +23 +15 | +27 +19 | - | +31 +23 | +36 +28 |
| 6 | 10 | ± 3 | ± 4.5 | ± 7 | +7 +1 | +10 +1 | +12 +6 | +15 +6 | +19 +10 | +24 +15 | +28 +19 | +32 +23 | - | +37 +28 | +43 +34 |
| 10 | 14 | ± 4 | ± 5.5 | ± 9 | +9 | +12 | +15 | +18 | +23 | +29 | +34 | +39 | - | +44 | +51 |
| 14 | 18 | | | | +1 | +1 | +7 | +7 | +12 | +18 | +23 | +28 | | +28 | +33 |
| 18 | 24 | ± 4.5 | ± 6.5 | ± 10 | +11 | +15 | +17 | +21 | +28 | +35 | +41 | +48 | - | +54 | +67 |
| 24 | 30 | | | | +2 | +2 | +8 | +8 | +15 | +22 | +28 | +35 | | +48 | +54 |
| 30 | 40 | ± 5.5 | ± 8 | ± 12 | +13 | +18 | +20 | +25 | +33 | +42 | +50 | +59 | - | +76 | +86 |
| 40 | 50 | | | | +2 | +2 | +9 | +9 | +17 | +26 | +34 | +43 | | +48 | +54 |
| 50 | 65 | ± 6.5 | ± 9.5 | ± 15 | +15 | +21 | +24 | +30 | +39 | +51 | +60 | +72 | - | +106 | +121 |
| 65 | 80 | | | | +2 | +2 | +11 | +11 | +20 | +32 | +43 | +59 | | +75 | +85 |
| 80 | 100 | ± 7.5 | ± 11 | ± 17 | +18 | +25 | +28 | +35 | +45 | +59 | +73 | +93 | - | +146 | +166 |
| 100 | 120 | | | | +3 | +3 | +13 | +13 | +23 | +37 | +43 | +59 | | +71 | +91 |
| 120 | 140 | ± 9 | ± 12.5 | ± 20 | +21 | +28 | +33 | +40 | +52 | +68 | +88 | +117 | - | +147 | +166 |
| 140 | 160 | | | | +3 | +3 | +15 | +15 | +27 | +43 | +43 | +59 | | +71 | +91 |
| 160 | 180 | ± 10 | ± 14.5 | ± 23 | +24 | +33 | +37 | +46 | +60 | +79 | +90 | +125 | - | +159 | +171 |
| 180 | 200 | | | | +4 | +4 | +17 | +17 | +31 | +50 | +50 | +66 | | +88 | +100 |
| 200 | 225 | ± 11.5 | ± 16 | ± 26 | +27 | +36 | +43 | +52 | +66 | +88 | +106 | +151 | - | +151 | +169 |
| 225 | 250 | | | | +4 | +4 | +20 | +20 | +34 | +56 | +56 | +72 | | +93 | +113 |
| 250 | 280 | ± 12.5 | ± 18 | ± 28 | +29 | +40 | +46 | +57 | +73 | +98 | +126 | +151 | - | +151 | +169 |
| 280 | 315 | | | | +4 | +4 | +21 | +21 | +37 | +62 | +62 | +88 | | +108 | +122 |
| 315 | 355 | ± 13.5 | ± 20 | ± 31 | +32 | +45 | +50 | +63 | +80 | +108 | +144 | +172 | - | +172 | +190 |
| 355 | 400 | | | | +5 | +5 | +23 | +23 | +40 | +68 | +68 | +94 | | +114 | +132 |
| 400 | 450 | ± 13.5 | ± 20 | ± 31 | +32 | +45 | +50 | +63 | +80 | +108 | +166 | +190 | - | +190 | +208 |
| 450 | 500 | | | | +5 | +5 | +23 | +23 | +40 | +68 | +68 | +94 | | +114 | +132 |