



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

M 公制螺紋 Metric Thread : ISO 6H & 6g (JIS B0251)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>NP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |         | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>NR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |         | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|---------|-------------------|-------------------|---------------------------------------------|---------|---------------------------------------------------------------------------|
|                     |                   |                   | GO PD                                       | HI PD   |                   |                   | GO PD                                       | LO PD   |                                                                           |
| M 2 X 0.4           | 5                 | 5                 | 1.7415                                      | 1.8390  | 3                 | 3                 | 1.7280                                      | 1.6440  | ●                                                                         |
| M 3 X 0.5           | 5                 | 5                 | 2.6765                                      | 2.7840  | 4                 | 3                 | 2.6620                                      | 2.5700  | ●                                                                         |
| M 3.5 X 0.6         | 7                 | 5                 | 3.1115                                      | 3.2310  | 4                 | 3                 | 3.0940                                      | 2.9900  | ●                                                                         |
| M 4 X 0.5           | 5                 | 5                 | 3.6765                                      | 3.7840  | 4                 | 3                 | 3.6620                                      | 3.5700  | ●                                                                         |
| M 4 X 0.7           | 7                 | 5                 | 3.5465                                      | 3.6720  | 6                 | 4                 | 3.5280                                      | 3.4190  | ●                                                                         |
| M 4.5 X 0.75        | 7                 | 5                 | 4.0145                                      | 4.1400  | 6                 | 4                 | 3.9960                                      | 3.8870  | ●                                                                         |
| M 5 X 0.5           | 7                 | 5                 | 4.6765                                      | 4.7840  | 4                 | 3                 | 4.6620                                      | 4.5700  | ●                                                                         |
| M 5 X 0.8           | 7                 | 5                 | 4.4815                                      | 4.6140  | 6                 | 4                 | 4.4610                                      | 4.3470  | ●                                                                         |
| M 6 X 0.75          | 7                 | 5                 | 5.5195                                      | 5.6560  | 6                 | 4                 | 5.4960                                      | 5.3770  | ●                                                                         |
| M 6 X 1.0           | 10                | 7                 | 5.3565                                      | 5.5110  | 8                 | 6                 | 5.3290                                      | 5.1980  | ●                                                                         |
| M 7 X 0.75          | 7                 | 5                 | 6.5195                                      | 6.6560  | 6                 | 4                 | 6.4960                                      | 6.3770  | ●                                                                         |
| M 8 X 0.75          | 7                 | 5                 | 7.5195                                      | 7.6560  | 6                 | 4                 | 7.4960                                      | 7.3770  | ●                                                                         |
| M 8 X 1.0           | 10                | 7                 | 7.3565                                      | 7.5110  | 8                 | 6                 | 7.3290                                      | 7.1980  | ●                                                                         |
| M 8 X 1.25          | 13                | 10                | 7.1945                                      | 7.3590  | 8                 | 6                 | 7.1650                                      | 7.0280  | ●                                                                         |
| M 9 X 0.75          | 7                 | 5                 | 8.5195                                      | 8.6560  | 6                 | 4                 | 8.4960                                      | 8.3770  | ●                                                                         |
| M 9 X 1.0           | 10                | 7                 | 8.3565                                      | 8.5110  | 8                 | 6                 | 8.3290                                      | 8.1980  | ●                                                                         |
| M 10 X 0.75         | 7                 | 5                 | 9.5195                                      | 9.6560  | 6                 | 4                 | 9.4960                                      | 9.3770  | ●                                                                         |
| M 10 X 1.0          | 10                | 7                 | 9.3565                                      | 9.5110  | 8                 | 6                 | 9.3290                                      | 9.1980  | ●                                                                         |
| M 10 X 1.25         | 13                | 10                | 9.1945                                      | 9.3590  | 8                 | 6                 | 9.1650                                      | 9.0280  | ●                                                                         |
| M 10 X 1.5          | 13                | 10                | 9.0325                                      | 9.2170  | 10                | 8                 | 8.9950                                      | 8.8440  | ●                                                                         |
| M 11 X 0.75         | 10                | 7                 | 10.5195                                     | 10.6560 | 6                 | 4                 | 10.4960                                     | 10.3770 | ●                                                                         |
| M 11 X 1.0          | 10                | 7                 | 10.3565                                     | 10.5110 | 8                 | 6                 | 10.3290                                     | 10.1980 | ●                                                                         |
| M 12 X 1.0          | 10                | 7                 | 11.3565                                     | 11.5210 | 10                | 8                 | 11.3290                                     | 11.1920 | ●                                                                         |
| M 12 X 1.25         | 13                | 10                | 11.1945                                     | 11.3790 | 10                | 8                 | 11.1610                                     | 11.0100 | ●                                                                         |
| M 12 X 1.5          | 17                | 10                | 11.0325                                     | 11.2270 | 10                | 8                 | 10.9950                                     | 10.8360 | ●                                                                         |
| M 12 X 1.75         | 17                | 10                | 10.8695                                     | 11.0740 | 15                | 10                | 10.8300                                     | 10.6610 | ●                                                                         |
| M 14 X 1.0          | 10                | 7                 | 13.3565                                     | 13.5210 | 10                | 8                 | 13.3290                                     | 13.1920 | ●                                                                         |
| M 14 X 1.5          | 17                | 10                | 13.0325                                     | 13.2270 | 10                | 8                 | 12.9950                                     | 12.8360 | ●                                                                         |
| M 14 X 2.0          | 17                | 13                | 12.7100                                     | 12.9270 | 15                | 10                | 12.6640                                     | 12.4850 | ●                                                                         |
| M 15 X 1.0          | 10                | 7                 | 14.3565                                     | 14.5210 | 10                | 8                 | 14.3290                                     | 14.1920 | ●                                                                         |
| M 15 X 1.5          | 17                | 10                | 14.0325                                     | 14.2270 | 10                | 8                 | 13.9950                                     | 13.8360 | ●                                                                         |
| M 16 X 1.0          | 10                | 7                 | 15.3565                                     | 15.5210 | 10                | 8                 | 15.3290                                     | 15.1920 | ●                                                                         |
| M 16 X 1.5          | 17                | 10                | 15.0325                                     | 15.2270 | 10                | 8                 | 14.9950                                     | 14.8360 | ●                                                                         |
| M 16 X 2.0          | 17                | 13                | 14.7100                                     | 14.9270 | 15                | 10                | 14.6640                                     | 14.4850 | ●                                                                         |
| M 17 X 1.0          | 10                | 7                 | 16.3565                                     | 16.5210 | 10                | 10                | 16.3290                                     | 16.1920 | ●                                                                         |
| M 17 X 1.5          | 17                | 10                | 16.0325                                     | 16.2270 | 10                | 10                | 15.9950                                     | 15.8360 | ●                                                                         |

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M 公制螺紋 Metric Thread : ISO 6H & 6g (JIS B0251)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>NP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |         | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>NR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |         | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|---------|-------------------|-------------------|---------------------------------------------|---------|---------------------------------------------------------------------------|
|                     |                   |                   | GO PD                                       | HI PD   |                   |                   | GO PD                                       | LO PD   |                                                                           |
| M 18 X 1.0          | 10                | 7                 | 17.3565                                     | 17.5210 | 10                | 10                | 17.3290                                     | 17.1920 | ●                                                                         |
| M 18 X 1.5          | 17                | 10                | 17.0325                                     | 17.2270 | 15                | 10                | 16.9950                                     | 16.8360 | ●                                                                         |
| M 18 X 2.0          | 17                | 13                | 16.7100                                     | 16.9270 | 22                | 15                | 16.6640                                     | 16.4850 | ●                                                                         |
| M 18 X 2.5          | 22                | 17                | 16.3850                                     | 16.6140 | 22                | 15                | 16.3350                                     | 16.1460 | ●                                                                         |
| M 20 X 1.0          | 13                | 7                 | 19.3565                                     | 19.5210 | 10                | 10                | 19.3290                                     | 19.1920 | ●                                                                         |
| M 20 X 1.5          | 17                | 13                | 19.0325                                     | 19.2270 | 15                | 10                | 18.9950                                     | 18.8360 | ●                                                                         |
| M 20 X 2.0          | 17                | 13                | 18.7100                                     | 18.9270 | 22                | 15                | 18.6640                                     | 18.4850 | ●                                                                         |
| M 20 X 2.5          | 22                | 17                | 18.3850                                     | 18.6140 | 22                | 15                | 18.3350                                     | 18.1460 | ●                                                                         |
| M 22 X 1.0          | 13                | 7                 | 21.3565                                     | 21.5210 | 10                | 10                | 21.3290                                     | 21.1920 | ●                                                                         |
| M 22 X 1.5          | 17                | 13                | 21.0325                                     | 21.2270 | 15                | 10                | 20.9950                                     | 20.8360 | ●                                                                         |
| M 22 X 2.0          | 17                | 13                | 20.7100                                     | 20.9270 | 22                | 15                | 20.6640                                     | 20.4850 | ●                                                                         |
| M 22 X 2.5          | 25                | 17                | 20.3850                                     | 20.6140 | 22                | 15                | 20.3350                                     | 20.1460 | ●                                                                         |
| M 24 X 1.0          | 13                | 7                 | 23.3565                                     | 23.5310 | 10                | 10                | 23.3290                                     | 23.1850 | ●                                                                         |
| M 24 X 1.5          | 17                | 13                | 23.0325                                     | 23.2370 | 15                | 10                | 22.9950                                     | 22.8260 | ●                                                                         |
| M 24 X 2.0          | 17                | 13                | 22.7100                                     | 22.9390 | 22                | 15                | 22.6640                                     | 22.4750 | ●                                                                         |
| M 24 X 3.0          | 25                | 22                | 22.0600                                     | 22.3300 | 28                | 22                | 22.0040                                     | 21.7850 | ●                                                                         |
| M 25 X 1.0          | 13                | 10                | 24.3565                                     | 24.5310 | 10                | 10                | 24.3290                                     | 24.1850 | ●                                                                         |
| M 25 X 1.5          | 17                | 13                | 24.0325                                     | 24.2370 | 15                | 10                | 23.9950                                     | 23.8260 | ●                                                                         |
| M 25 X 2.0          | 22                | 17                | 23.7100                                     | 23.9390 | 22                | 15                | 23.6640                                     | 23.4750 | ●                                                                         |
| M 26 X 1.5          | 17                | 13                | 25.0325                                     | 25.2370 | 15                | 10                | 24.9950                                     | 24.8260 | ●                                                                         |
| M 27 X 1.0          | 13                | 10                | 26.3565                                     | 26.5310 | 10                | 10                | 26.3290                                     | 26.1850 | ●                                                                         |
| M 27 X 1.5          | 17                | 13                | 26.0325                                     | 26.2370 | 15                | 10                | 25.9950                                     | 25.8260 | ●                                                                         |
| M 27 X 2.0          | 22                | 17                | 25.7100                                     | 25.9390 | 22                | 15                | 25.6640                                     | 25.4750 | ●                                                                         |
| M 27 X 3.0          | 25                | 22                | 25.0600                                     | 25.3300 | 28                | 22                | 25.0040                                     | 24.7850 | ●                                                                         |
| M 28 X 1.0          | 13                | 10                | 27.3565                                     | 27.5310 | 10                | 10                | 27.3290                                     | 27.1850 | ●                                                                         |
| M 28 X 1.5          | 17                | 13                | 27.0325                                     | 27.2370 | 15                | 10                | 26.9950                                     | 26.8260 | ●                                                                         |
| M 28 X 2.0          | 22                | 17                | 26.7100                                     | 26.9390 | 22                | 15                | 26.6640                                     | 26.4750 | ●                                                                         |
| M 30 X 1.0          | 13                | 10                | 29.3565                                     | 29.5310 | 15                | 10                | 29.3290                                     | 29.1850 | ●                                                                         |
| M 30 X 1.5          | 17                | 13                | 29.0325                                     | 29.2370 | 15                | 10                | 28.9950                                     | 28.8260 | ●                                                                         |
| M 30 X 2.0          | 22                | 17                | 28.7100                                     | 28.9390 | 22                | 15                | 28.6640                                     | 28.4750 | ●                                                                         |
| M 30 X 3.0          | 25                | 22                | 28.0600                                     | 28.3300 | 22                | 15                | 28.0040                                     | 27.7850 | ●                                                                         |
| M 30 X 3.5          | 28                | 25                | 27.7360                                     | 28.0210 | 28                | 22                | 27.6735                                     | 27.4390 | ●                                                                         |
| M 32 X 1.5          | 17                | 13                | 31.0325                                     | 31.2370 | 15                | 10                | 30.9950                                     | 30.8260 | ●                                                                         |
| M 32 X 2.0          | 22                | 17                | 30.7100                                     | 30.9390 | 22                | 15                | 30.6640                                     | 30.4750 | ●                                                                         |
| M 33 X 1.5          | 17                | 13                | 32.0325                                     | 32.2370 | 15                | 10                | 31.9950                                     | 31.8260 | ●                                                                         |
| M 33 X 2.0          | 22                | 17                | 31.7100                                     | 31.9390 | 22                | 15                | 31.6640                                     | 31.4750 | ●                                                                         |

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單位: mm

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|---------------------|-------------------|-------------------|---------------------------------------------|---------|-------------------|-------------------|---------------------------------------------|---------|--------------------|
|                     |                   |                   | GO PD                                       | HI PD   |                   |                   | GO PD                                       | LO PD   |                    |
| M 33 X 3.5          | 32                | 25                | 30.7360                                     | 31.0210 | 28                | 22                | 30.6735                                     | 30.4390 |                    |
| M 35 X 1.5          | 17                | 13                | 34.0325                                     | 34.2370 | 15                | 10                | 33.9950                                     | 33.8260 | ●                  |
| M 36 X 1.5          | 17                | 13                | 35.0325                                     | 35.2370 | 15                | 10                | 34.9950                                     | 34.8260 | ●                  |
| M 36 X 2.0          | 22                | 17                | 34.7100                                     | 34.9390 | 22                | 15                | 34.6640                                     | 34.4750 |                    |
| M 36 X 3.0          | 25                | 22                | 34.0600                                     | 34.3300 | 28                | 22                | 34.0040                                     | 33.7850 |                    |
| M 36 X 4.0          | 32                | 25                | 33.4110                                     | 33.7160 | 38                | 28                | 33.3415                                     | 33.0950 |                    |
| M 38 X 1.5          | 17                | 13                | 37.0325                                     | 37.2370 | 15                | 10                | 36.9950                                     | 36.8260 | ●                  |
| M 39 X 1.5          | 17                | 13                | 38.0325                                     | 38.2370 | 15                | 10                | 37.9950                                     | 37.8260 |                    |
| M 39 X 2.0          | 22                | 17                | 37.7100                                     | 37.9390 | 22                | 15                | 37.6640                                     | 37.4750 |                    |
| M 39 X 3.0          | 25                | 22                | 37.0600                                     | 37.3300 | 28                | 22                | 37.0040                                     | 36.7850 |                    |
| M 39 X 4.0          | 32                | 25                | 36.4110                                     | 36.7160 | 38                | 28                | 36.3415                                     | 36.0950 |                    |
| M 40 X 1.5          | 17                | 13                | 39.0325                                     | 39.2370 | 15                | 10                | 38.9950                                     | 38.8260 | ●                  |
| M 40 X 2.0          | 22                | 17                | 38.7100                                     | 38.9390 | 22                | 15                | 38.6640                                     | 38.4750 |                    |
| M 42 X 1.5          | 17                | 13                | 41.0325                                     | 41.2370 | 15                | 10                | 40.9950                                     | 40.8260 |                    |
| M 42 X 2.0          | 22                | 17                | 40.7100                                     | 40.9390 | 22                | 15                | 40.6640                                     | 40.4750 |                    |
| M 42 X 3.0          | 32                | 25                | 40.0600                                     | 40.3300 | 28                | 22                | 40.0040                                     | 39.7850 |                    |
| M 42 X 4.5          | 40                | 32                | 39.0860                                     | 39.4060 | 38                | 28                | 39.0135                                     | 38.7550 |                    |
| M 45 X 1.5          | 17                | 13                | 44.0325                                     | 44.2370 | 15                | 10                | 43.9950                                     | 43.8260 | ●                  |
| M 45 X 2.0          | 22                | 17                | 43.7100                                     | 43.9390 | 22                | 15                | 43.6640                                     | 43.4750 |                    |
| M 45 X 4.5          | 40                | 32                | 42.0860                                     | 42.4060 | 38                | 28                | 42.0135                                     | 41.7550 |                    |
| M 48 X 1.5          | 17                | 13                | 47.0350                                     | 47.2520 | 15                | 10                | 46.9950                                     | 46.8160 |                    |
| M 48 X 2.0          | 22                | 17                | 46.7100                                     | 46.9510 | 22                | 15                | 46.6640                                     | 46.4650 |                    |
| M 48 X 5.0          | 40                | 32                | 44.7670                                     | 45.1050 | 40                | 28                | 44.6805                                     | 44.4080 |                    |
| M 50 X 1.5          | 17                | 13                | 49.0350                                     | 49.2520 | 15                | 10                | 48.9950                                     | 48.8160 | ●                  |
| M 50 X 2.0          | 22                | 17                | 48.7100                                     | 48.9510 | 22                | 15                | 48.6640                                     | 48.4650 |                    |
| M 50 X 3.0          | 25                | 22                | 48.0600                                     | 48.3450 | 28                | 22                | 48.0025                                     | 47.7680 |                    |
| M 52 X 1.5          | 17                | 13                | 51.0350                                     | 51.2520 | 15                | 10                | 50.9950                                     | 50.8160 |                    |
| M 52 X 2.0          | 22                | 17                | 50.7100                                     | 50.9510 | 22                | 15                | 50.6640                                     | 50.4650 |                    |
| M 52 X 5.0          | 45                | 32                | 48.7670                                     | 49.1050 | 40                | 28                | 48.6805                                     | 48.4080 |                    |
| M 55 X 1.5          | 17                | 13                | 54.0350                                     | 54.2520 | 15                | 10                | 53.9950                                     | 53.8160 |                    |
| M 55 X 2.0          | 22                | 17                | 53.7100                                     | 53.9510 | 22                | 15                | 53.6640                                     | 53.4650 |                    |
| M 56 X 1.5          | 28                | 25                | 55.0350                                     | 55.2520 | 15                | 10                | 54.9950                                     | 54.8160 |                    |
| M 56 X 5.5          | 45                | 32                | 52.4430                                     | 52.8010 | 45                | 38                | 52.3525                                     | 52.0650 |                    |
| M 58 X 1.5          | 17                | 13                | 57.0350                                     | 57.2520 | 15                | 10                | 56.9950                                     | 56.8160 |                    |
| M 60 X 1.5          | 17                | 13                | 59.0350                                     | 59.2520 | 15                | 10                | 58.9950                                     | 58.8160 |                    |
| M 60 X 5.5          | 45                | 32                | 56.4430                                     | 56.8010 | 45                | 38                | 56.3525                                     | 56.0650 |                    |

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單位: mm

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|---------------------|-------------------|-------------------|---------------------------------------------|----------|-------------------|-------------------|---------------------------------------------|----------|--------------------|
|                     |                   |                   | GO PD                                       | HI PD    |                   |                   | GO PD                                       | LO PD    |                    |
| M 62 X 1.5          | 17                | 13                | 61.0350                                     | 61.2520  | 15                | 10                | 60.9950                                     | 60.8160  |                    |
| M 64 X 1.5          | 17                | 13                | 63.0350                                     | 63.2520  | 15                | 10                | 62.9950                                     | 62.8160  |                    |
| M 64 X 6.0          | 58                | 45                | 60.1180                                     | 60.4960  | 50                | 38                | 60.0225                                     | 59.7200  |                    |
| M 65 X 1.5          | 17                | 13                | 64.0350                                     | 64.2520  | 15                | 10                | 63.9950                                     | 63.8160  |                    |
| M 68 X 1.5          | 17                | 13                | 67.0350                                     | 67.2520  | 15                | 10                | 66.9950                                     | 66.8160  |                    |
| M 68 X 6.0          | 58                | 45                | 64.1180                                     | 64.4960  | 50                | 38                | 64.0225                                     | 63.7200  |                    |
| M 70 X 1.5          | 17                | 13                | 69.0350                                     | 69.2520  | 15                | 10                | 68.9950                                     | 68.8160  |                    |
| M 75 X 1.5          | 17                | 13                | 74.0350                                     | 74.2520  | 15                | 10                | 73.9950                                     | 73.8160  |                    |
| M 76 X 1.5          | 17                | 13                | 75.0350                                     | 75.2520  | 15                | 10                | 74.9950                                     | 74.8160  |                    |
| M 80 X 1.5          | 17                | 13                | 79.0350                                     | 79.2520  | 15                | 10                | 78.9950                                     | 78.8160  |                    |
| M 80 X 2.0          | 25                | 17                | 78.7100                                     | 78.9510  | 22                | 15                | 78.6640                                     | 78.4650  |                    |
| M 80 X 6.0          | 58                | 45                | 76.1180                                     | 76.4960  | 50                | 38                | 76.0225                                     | 75.7200  |                    |
| M 82 X 2.0          | 25                | 17                | 80.7100                                     | 80.9510  | 22                | 15                | 80.6640                                     | 80.4650  |                    |
| M 85 X 2.0          | 25                | 17                | 83.7100                                     | 83.9510  | 22                | 15                | 83.6640                                     | 83.4650  |                    |
| M 85 X 6.0          | 68                | 45                | 81.1180                                     | 81.4960  | 60                | 38                | 81.0225                                     | 80.7200  |                    |
| M 90 X 2.0          | 25                | 17                | 88.7100                                     | 88.9510  | 22                | 15                | 88.6640                                     | 88.4650  |                    |
| M 90 X 6.0          | 68                | 45                | 86.1180                                     | 86.4960  | 60                | 38                | 86.0225                                     | 85.7200  |                    |
| M 95 X 2.0          | 25                | 17                | 93.7100                                     | 93.9650  | 22                | 15                | 93.6640                                     | 93.4550  |                    |
| M 95 X 6.0          | 68                | 45                | 91.1180                                     | 91.5210  | 50                | 38                | 91.0225                                     | 90.7000  |                    |
| M100 X 2.0          | 25                | 17                | 98.7100                                     | 98.9650  | 22                | 15                | 98.6640                                     | 98.4550  |                    |
| M100 X 6.0          | 68                | 45                | 96.1180                                     | 96.5210  | 60                | 38                | 96.0225                                     | 95.7000  |                    |
| M105 X 2.0          | 25                | 17                | 103.7100                                    | 103.9650 | 22                | 15                | 103.6640                                    | 103.4550 |                    |
| M105 X 6.0          | 68                | 45                | 101.1180                                    | 101.5210 | 50                | 38                | 101.0225                                    | 100.7000 |                    |
| M110 X 2.0          | 25                | 17                | 108.7100                                    | 108.9650 | 22                | 15                | 108.6640                                    | 108.4550 |                    |
| M110 X 6.0          | 68                | 45                | 106.1180                                    | 106.5210 | 60                | 38                | 106.0225                                    | 105.7000 |                    |
| M115 X 2.0          | 25                | 17                | 113.7100                                    | 113.9650 | 22                | 15                | 113.6640                                    | 113.4550 |                    |
| M115 X 6.0          | 68                | 45                | 111.1180                                    | 111.5210 | 60                | 38                | 111.0225                                    | 110.7000 |                    |
| M120 X 2.0          | 25                | 17                | 118.7100                                    | 118.9650 | 22                | 15                | 118.6640                                    | 118.4550 |                    |
| M120 X 6.0          | 68                | 45                | 116.1180                                    | 116.5210 | 60                | 38                | 116.0225                                    | 115.7000 |                    |
| M125 X 2.0          | 25                | 17                | 123.7100                                    | 123.9650 | 22                | 15                | 123.6640                                    | 123.4550 |                    |
| M125 X 6.0          | 68                | 45                | 121.1180                                    | 121.5210 | 60                | 38                | 121.0225                                    | 120.7000 |                    |
| M130 X 2.0          | 25                | 17                | 128.7100                                    | 128.9650 | 28                | 15                | 128.6640                                    | 128.4550 |                    |
| M130 X 6.0          | 68                | 45                | 126.1180                                    | 126.5210 | 60                | 38                | 126.0225                                    | 125.7000 |                    |
| M135 X 2.0          | 25                | 17                | 133.7100                                    | 133.9650 | 28                | 15                | 133.6640                                    | 133.4550 |                    |
| M135 X 6.0          | 68                | 45                | 131.1180                                    | 131.5210 | 60                | 38                | 131.0225                                    | 130.7000 |                    |
| M140 X 2.0          | 25                | 17                | 138.7100                                    | 138.9650 | 28                | 15                | 138.6640                                    | 138.4550 |                    |
| M140 X 6.0          | 68                | 45                | 136.1180                                    | 136.5210 | 60                | 38                | 136.0225                                    | 135.7000 |                    |
| M145 X 2.0          | 25                | 17                | 143.7100                                    | 143.9650 | 28                | 15                | 143.6640                                    | 143.4550 |                    |
| M145 X 6.0          | 68                | 45                | 141.1180                                    | 141.5210 | 60                | 38                | 141.0225                                    | 140.7000 |                    |
| M150 X 2.0          | 25                | 17                | 148.7100                                    | 148.9650 | 28                | 15                | 148.6640                                    | 148.4550 |                    |
| M150 X 6.0          | 68                | 45                | 146.1180                                    | 146.5210 | 60                | 38                | 146.0225                                    | 145.7000 |                    |

※有●者備有庫存。  
● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。  
No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

M 公制螺紋 Metric Thread : JIS II (JIS B0251 B0252)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |        | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|--------|-------------------|-------------------|---------------------------------------------|--------|---------------------------------------------------------------------------|
|                     |                   |                   | GO PD                                       | HI PD  |                   |                   | GO PD                                       | LO PD  |                                                                           |
| M 2 X 0.4           | 5                 | 5                 | 1.744                                       | 1.810  | 3                 | 3                 | 1.708                                       | 1.660  | ●                                                                         |
| M 3 X 0.5           | 5                 | 5                 | 2.679                                       | 2.775  | 4                 | 3                 | 2.643                                       | 2.580  | ●                                                                         |
| M 3.5 X 0.6         | 7                 | 5                 | 3.114                                       | 3.200  | 4                 | 3                 | 3.068                                       | 3.010  | ●                                                                         |
| M 4 X 0.5           | 5                 | 5                 | 3.679                                       | 3.775  | 4                 | 3                 | 3.633                                       | 3.555  | ●                                                                         |
| M 4 X 0.7           | 7                 | 5                 | 3.549                                       | 3.663  | 6                 | 4                 | 3.511                                       | 3.433  | ●                                                                         |
| M 4.5 X 0.75        | 7                 | 5                 | 4.017                                       | 4.113  | 6                 | 4                 | 3.971                                       | 3.893  | ●                                                                         |
| M 5 X 0.5           | 7                 | 5                 | 4.679                                       | 4.775  | 4                 | 3                 | 4.633                                       | 4.555  | ●                                                                         |
| M 5 X 0.8           | 7                 | 5                 | 4.484                                       | 4.605  | 6                 | 4                 | 4.444                                       | 4.361  | ●                                                                         |
| M 6 X 0.75          | 7                 | 5                 | 5.517                                       | 5.613  | 6                 | 4                 | 5.471                                       | 5.393  | ●                                                                         |
| M 6 X 1.0           | 10                | 7                 | 5.354                                       | 5.470  | 8                 | 6                 | 5.308                                       | 5.220  | ●                                                                         |
| M 7 X 0.75          | 7                 | 5                 | 6.517                                       | 6.613  | 6                 | 4                 | 6.471                                       | 6.393  | ●                                                                         |
| M 8 X 0.75          | 7                 | 5                 | 7.517                                       | 7.633  | 6                 | 4                 | 7.471                                       | 7.383  | ●                                                                         |
| M 8 X 1.0           | 10                | 7                 | 7.534                                       | 7.470  | 8                 | 6                 | 7.308                                       | 7.220  | ●                                                                         |
| M 8 X 1.25          | 13                | 10                | 7.192                                       | 7.318  | 8                 | 6                 | 7.136                                       | 7.038  | ●                                                                         |
| M 9 X 0.75          | 7                 | 5                 | 8.517                                       | 8.633  | 6                 | 4                 | 8.471                                       | 8.383  | ●                                                                         |
| M 9 X 1.0           | 10                | 7                 | 8.354                                       | 8.470  | 8                 | 6                 | 8.308                                       | 8.220  | ●                                                                         |
| M 10 X 0.75         | 7                 | 5                 | 9.517                                       | 9.645  | 6                 | 4                 | 9.479                                       | 9.393  | ●                                                                         |
| M 10 X 1.0          | 10                | 7                 | 9.354                                       | 9.480  | 8                 | 6                 | 9.308                                       | 9.210  | ●                                                                         |
| M 10 X 1.25         | 13                | 10                | 9.192                                       | 10.318 | 8                 | 6                 | 9.136                                       | 9.038  | ●                                                                         |
| M 10 X 1.5          | 13                | 10                | 9.030                                       | 9.166  | 10                | 8                 | 8.974                                       | 8.866  | ●                                                                         |
| M 11 X 0.75         | 10                | 7                 | 10.517                                      | 10.645 | 6                 | 4                 | 10.479                                      | 10.391 | ●                                                                         |
| M 11 X 1.0          | 10                | 7                 | 10.354                                      | 10.480 | 8                 | 6                 | 10.308                                      | 10.210 | ●                                                                         |
| M 12 X 1.0          | 10                | 7                 | 11.354                                      | 11.490 | 10                | 8                 | 11.295                                      | 11.190 | ●                                                                         |
| M 12 X 1.25         | 13                | 10                | 11.193                                      | 11.368 | 10                | 8                 | 11.145                                      | 11.028 | ●                                                                         |
| M 12 X 1.5          | 17                | 10                | 11.031                                      | 11.176 | 10                | 8                 | 10.971                                      | 10.856 | ●                                                                         |
| M 12 X 1.75         | 17                | 10                | 10.867                                      | 11.023 | 15                | 10                | 10.801                                      | 10.683 | ●                                                                         |
| M 14 X 1.0          | 10                | 7                 | 13.355                                      | 13.490 | 10                | 8                 | 13.295                                      | 13.190 | ●                                                                         |
| M 14 X 1.5          | 17                | 10                | 13.031                                      | 13.176 | 10                | 8                 | 12.971                                      | 12.856 | ●                                                                         |
| M 14 X 2.0          | 17                | 13                | 12.705                                      | 12.871 | 15                | 10                | 12.639                                      | 12.511 | ●                                                                         |
| M 15 X 1.0          | 10                | 7                 | 14.355                                      | 14.490 | 10                | 8                 | 14.295                                      | 14.190 | ●                                                                         |
| M 15 X 1.5          | 17                | 10                | 14.031                                      | 14.176 | 10                | 8                 | 13.971                                      | 13.856 | ●                                                                         |
| M 16 X 1.0          | 10                | 7                 | 15.355                                      | 15.490 | 10                | 8                 | 15.295                                      | 15.190 | ●                                                                         |
| M 16 X 1.5          | 17                | 10                | 15.031                                      | 15.176 | 10                | 8                 | 14.971                                      | 14.856 | ●                                                                         |
| M 16 X 2.0          | 17                | 13                | 14.705                                      | 14.871 | 15                | 10                | 14.639                                      | 14.511 | ●                                                                         |
| M 17 X 1.0          | 10                | 7                 | 16.355                                      | 16.510 | 10                | 10                | 16.309                                      | 16.206 | ●                                                                         |
| M 17 X 1.5          | 17                | 10                | 16.031                                      | 16.216 | 10                | 10                | 15.979                                      | 15.854 | ●                                                                         |

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※無庫存及特殊品，歡迎訂製。  
No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

M 公制螺紋 Metric Thread : JIS II (JIS B0251 B0252)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |        | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|--------|-------------------|-------------------|---------------------------------------------|--------|---------------------------------------------------------------------------|
|                     |                   |                   | GO PD                                       | HI PD  |                   |                   | GO PD                                       | LO PD  |                                                                           |
| M 18 X 1.0          | 10                | 7                 | 17.355                                      | 17.500 | 10                | 10                | 17.295                                      | 17.180 | ●                                                                         |
| M 18 X 1.5          | 17                | 10                | 17.031                                      | 17.196 | 15                | 10                | 16.961                                      | 16.826 | ●                                                                         |
| M 18 X 2.0          | 17                | 13                | 16.706                                      | 16.881 | 22                | 15                | 16.636                                      | 16.491 | ●                                                                         |
| M 18 X 2.5          | 22                | 17                | 16.382                                      | 16.566 | 22                | 15                | 16.310                                      | 16.166 | ●                                                                         |
| M 20 X 1.0          | 13                | 7                 | 19.355                                      | 19.500 | 10                | 10                | 19.295                                      | 19.180 | ●                                                                         |
| M 20 X 1.5          | 17                | 13                | 19.031                                      | 19.196 | 15                | 10                | 18.961                                      | 18.826 | ●                                                                         |
| M 20 X 2.0          | 17                | 13                | 18.706                                      | 18.881 | 22                | 15                | 18.636                                      | 18.491 | ●                                                                         |
| M 20 X 2.5          | 22                | 17                | 18.382                                      | 18.566 | 22                | 15                | 18.310                                      | 18.166 | ●                                                                         |
| M 22 X 1.0          | 13                | 7                 | 21.355                                      | 21.500 | 10                | 10                | 21.295                                      | 21.180 | ●                                                                         |
| M 22 X 1.5          | 17                | 13                | 21.031                                      | 21.196 | 15                | 10                | 20.961                                      | 20.826 | ●                                                                         |
| M 22 X 2.0          | 17                | 13                | 20.706                                      | 20.881 | 22                | 15                | 20.636                                      | 20.491 | ●                                                                         |
| M 22 X 2.5          | 25                | 17                | 20.382                                      | 20.566 | 22                | 15                | 20.310                                      | 20.166 | ●                                                                         |
| M 24 X 1.0          | 13                | 7                 | 23.355                                      | 23.500 | 10                | 10                | 23.295                                      | 23.180 | ●                                                                         |
| M 24 X 1.5          | 17                | 13                | 23.031                                      | 23.196 | 15                | 10                | 22.961                                      | 22.826 | ●                                                                         |
| M 24 X 2.0          | 17                | 13                | 22.706                                      | 22.891 | 22                | 15                | 22.626                                      | 22.481 | ●                                                                         |
| M 24 X 3.0          | 25                | 22                | 22.057                                      | 22.251 | 28                | 22                | 21.975                                      | 21.821 | ●                                                                         |
| M 25 X 1.0          | 13                | 10                | 24.355                                      | 24.500 | 10                | 10                | 24.295                                      | 24.180 | ●                                                                         |
| M 25 X 1.5          | 17                | 13                | 24.031                                      | 24.196 | 15                | 10                | 23.961                                      | 23.826 | ●                                                                         |
| M 25 X 2.0          | 22                | 17                | 23.706                                      | 23.891 | 22                | 15                | 23.626                                      | 23.481 | ●                                                                         |
| M 26 X 1.5          | 17                | 13                | 25.031                                      | 25.196 | 15                | 10                | 24.961                                      | 24.826 | ●                                                                         |
| M 27 X 1.0          | 13                | 10                | 26.355                                      | 26.520 | 10                | 10                | 26.309                                      | 26.199 | ●                                                                         |
| M 27 X 1.5          | 17                | 13                | 26.031                                      | 26.196 | 15                | 10                | 25.961                                      | 25.826 | ●                                                                         |
| M 27 X 2.0          | 22                | 17                | 25.706                                      | 25.925 | 22                | 15                | 25.648                                      | 25.493 | ●                                                                         |
| M 27 X 3.0          | 25                | 22                | 25.057                                      | 25.251 | 28                | 22                | 24.975                                      | 24.821 | ●                                                                         |
| M 28 X 1.0          | 13                | 10                | 27.355                                      | 27.500 | 10                | 10                | 27.295                                      | 27.180 | ●                                                                         |
| M 28 X 1.5          | 17                | 13                | 27.031                                      | 27.196 | 15                | 10                | 26.961                                      | 26.826 | ●                                                                         |
| M 28 X 2.0          | 22                | 17                | 26.706                                      | 26.891 | 22                | 15                | 26.626                                      | 26.481 | ●                                                                         |
| M 30 X 1.0          | 13                | 10                | 29.355                                      | 29.500 | 15                | 10                | 29.295                                      | 29.180 | ●                                                                         |
| M 30 X 1.5          | 17                | 13                | 29.031                                      | 29.196 | 15                | 10                | 28.961                                      | 28.826 | ●                                                                         |
| M 30 X 2.0          | 22                | 17                | 28.701                                      | 28.891 | 22                | 15                | 28.626                                      | 28.481 | ●                                                                         |
| M 30 X 3.0          | 25                | 22                | 28.056                                      | 28.316 | 22                | 15                | 27.988                                      | 27.803 | ●                                                                         |
| M 30 X 3.5          | 28                | 25                | 27.733                                      | 29.947 | 28                | 22                | 27.651                                      | 27.477 | ●                                                                         |
| M 32 X 1.5          | 17                | 13                | 31.031                                      | 31.206 | 15                | 10                | 30.961                                      | 30.826 | ●                                                                         |
| M 32 X 2.0          | 22                | 17                | 30.706                                      | 30.901 | 22                | 15                | 30.626                                      | 30.471 | ●                                                                         |
| M 33 X 1.5          | 17                | 13                | 32.031                                      | 32.206 | 15                | 10                | 31.961                                      | 31.826 | ●                                                                         |
| M 33 X 2.0          | 22                | 17                | 31.706                                      | 31.925 | 22                | 15                | 31.648                                      | 31.493 | ●                                                                         |

※有●者備有庫存。

● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。

No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

M 公制螺紋 Metric Thread : JIS II (JIS B0251 B0252)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |        | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|--------|-------------------|-------------------|---------------------------------------------|--------|---------------------------------------------------------------------------|
|                     |                   |                   | GO PD                                       | HI PD  |                   |                   | GO PD                                       | LO PD  |                                                                           |
| M 33 X 3.5          | 32                | 25                | 30.733                                      | 30.947 | 28                | 22                | 30.651                                      | 30.477 |                                                                           |
| M 35 X 1.5          | 17                | 13                | 34.031                                      | 34.206 | 15                | 10                | 33.961                                      | 33.826 | ●                                                                         |
| M 36 X 1.5          | 17                | 13                | 35.031                                      | 35.206 | 15                | 10                | 34.961                                      | 34.826 | ●                                                                         |
| M 36 X 2.0          | 22                | 17                | 34.706                                      | 34.901 | 22                | 15                | 34.626                                      | 34.471 |                                                                           |
| M 36 X 3.0          | 25                | 22                | 34.056                                      | 34.316 | 28                | 22                | 33.988                                      | 33.803 |                                                                           |
| M 36 X 4.0          | 32                | 25                | 33.412                                      | 33.632 | 38                | 28                | 33.316                                      | 33.132 |                                                                           |
| M 38 X 1.5          | 17                | 13                | 37.031                                      | 37.206 | 15                | 10                | 36.961                                      | 36.826 | ●                                                                         |
| M 39 X 1.5          | 17                | 13                | 38.031                                      | 38.226 | 15                | 10                | 37.979                                      | 37.844 |                                                                           |
| M 39 X 2.0          | 22                | 17                | 37.706                                      | 37.925 | 22                | 15                | 37.648                                      | 37.493 |                                                                           |
| M 39 X 3.0          | 25                | 22                | 37.056                                      | 37.316 | 28                | 22                | 36.988                                      | 36.803 |                                                                           |
| M 39 X 4.0          | 32                | 25                | 36.408                                      | 36.632 | 38                | 28                | 36.316                                      | 36.132 |                                                                           |
| M 40 X 1.5          | 17                | 13                | 39.031                                      | 39.206 | 15                | 10                | 38.961                                      | 38.826 | ●                                                                         |
| M 40 X 2.0          | 22                | 17                | 38.706                                      | 38.901 | 22                | 15                | 38.626                                      | 38.471 |                                                                           |
| M 42 X 1.5          | 17                | 13                | 41.031                                      | 41.206 | 15                | 10                | 40.961                                      | 40.826 |                                                                           |
| M 42 X 2.0          | 22                | 17                | 40.706                                      | 40.901 | 22                | 15                | 40.626                                      | 40.471 |                                                                           |
| M 42 X 3.0          | 32                | 25                | 40.056                                      | 40.316 | 28                | 22                | 39.988                                      | 39.803 |                                                                           |
| M 42 X 4.5          | 40                | 32                | 39.083                                      | 39.327 | 38                | 28                | 38.991                                      | 38.797 |                                                                           |
| M 45 X 1.5          | 17                | 13                | 44.031                                      | 44.206 | 15                | 10                | 43.961                                      | 43.826 | ●                                                                         |
| M 45 X 2.0          | 22                | 17                | 43.706                                      | 43.901 | 22                | 15                | 43.626                                      | 43.471 |                                                                           |
| M 45 X 4.5          | 40                | 32                | 42.083                                      | 42.375 | 38                | 28                | 41.991                                      | 41.797 |                                                                           |
| M 48 X 1.5          | 17                | 13                | 47.031                                      | 47.206 | 15                | 10                | 46.961                                      | 46.826 |                                                                           |
| M 48 X 2.0          | 22                | 17                | 46.706                                      | 46.901 | 22                | 15                | 46.626                                      | 46.471 |                                                                           |
| M 48 X 5.0          | 40                | 32                | 44.758                                      | 45.012 | 40                | 28                | 44.666                                      | 44.452 |                                                                           |
| M 50 X 1.5          | 17                | 13                | 49.031                                      | 49.206 | 15                | 10                | 48.961                                      | 48.826 |                                                                           |
| M 50 X 2.0          | 22                | 17                | 48.706                                      | 48.901 | 22                | 15                | 48.626                                      | 48.471 | ●                                                                         |
| M 50 X 3.0          | 25                | 22                | 48.056                                      | 48.331 | 28                | 22                | 47.988                                      | 47.791 |                                                                           |
| M 52 X 1.5          | 17                | 13                | 51.032                                      | 51.216 | 15                | 10                | 50.958                                      | 50.816 |                                                                           |
| M 52 X 2.0          | 22                | 17                | 50.707                                      | 50.911 | 22                | 15                | 50.623                                      | 50.461 |                                                                           |
| M 52 X 5.0          | 45                | 32                | 48.758                                      | 49.087 | 40                | 28                | 48.666                                      | 48.431 |                                                                           |
| M 55 X 1.5          | 17                | 13                | 54.032                                      | 54.216 | 15                | 10                | 53.958                                      | 53.816 |                                                                           |
| M 55 X 2.0          | 22                | 17                | 53.707                                      | 53.911 | 22                | 15                | 53.623                                      | 53.461 |                                                                           |
| M 56 X 1.5          | 28                | 25                | 55.032                                      | 55.238 | 15                | 10                | 54.976                                      | 54.834 |                                                                           |
| M 56 X 5.5          | 45                | 32                | 52.434                                      | 52.783 | 45                | 38                | 52.335                                      | 52.088 |                                                                           |
| M 58 X 1.5          | 17                | 13                | 57.032                                      | 57.216 | 15                | 10                | 56.958                                      | 56.816 |                                                                           |
| M 60 X 1.5          | 17                | 13                | 59.032                                      | 59.216 | 15                | 10                | 58.958                                      | 58.816 |                                                                           |
| M 60 X 5.5          | 45                | 32                | 56.434                                      | 56.883 | 45                | 38                | 56.335                                      | 56.088 |                                                                           |

※有●者備有庫存。

● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。

No stock or special specifications are available on request.



## 限界螺紋栓(環)規

### Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

M 公制螺紋 Metric Thread : JIS II (JIS B0251 B0252)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |         | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |         | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|---------|-------------------|-------------------|---------------------------------------------|---------|---------------------------------------------------------------------------|
|                     |                   |                   | GO PD                                       | HI PD   |                   |                   | GO PD                                       | LO PD   |                                                                           |
| M 62 X 1.5          | 17                | 13                | 61.032                                      | 61.216  | 15                | 10                | 60.958                                      | 60.816  |                                                                           |
| M 64 X 1.5          | 17                | 13                | 63.032                                      | 63.216  | 15                | 10                | 62.976                                      | 62.834  |                                                                           |
| M 64 X 6.0          | 58                | 45                | 60.109                                      | 60.478  | 50                | 38                | 60.005                                      | 59.731  |                                                                           |
| M 65 X 1.5          | 17                | 13                | 64.032                                      | 64.216  | 15                | 10                | 63.958                                      | 63.816  |                                                                           |
| M 68 X 1.5          | 17                | 13                | 67.032                                      | 67.216  | 15                | 10                | 66.958                                      | 66.816  |                                                                           |
| M 68 X 6.0          | 58                | 45                | 64.109                                      | 64.478  | 50                | 38                | 64.005                                      | 63.743  |                                                                           |
| M 70 X 1.5          | 17                | 13                | 69.032                                      | 69.216  | 15                | 10                | 68.958                                      | 68.816  |                                                                           |
| M 75 X 1.5          | 17                | 13                | 74.032                                      | 74.216  | 15                | 10                | 73.958                                      | 73.816  |                                                                           |
| M 76 X 1.5          | 17                | 13                | 75.032                                      | 75.216  | 15                | 10                | 74.976                                      | 74.834  |                                                                           |
| M 80 X 1.5          | 17                | 13                | 79.032                                      | 79.216  | 15                | 10                | 78.958                                      | 78.816  |                                                                           |
| M 80 X 2.0          | 25                | 17                | 78.707                                      | 78.921  | 22                | 15                | 78.623                                      | 78.461  |                                                                           |
| M 80 X 6.0          | 58                | 45                | 76.109                                      | 76.478  | 50                | 38                | 76.005                                      | 75.743  |                                                                           |
| M 82 X 2.0          | 25                | 17                | 80.708                                      | 80.921  | 22                | 15                | 80.620                                      | 80.451  |                                                                           |
| M 85 X 2.0          | 25                | 17                | 83.708                                      | 83.921  | 22                | 15                | 83.620                                      | 83.451  |                                                                           |
| M 85 X 6.0          | 68                | 45                | 81.110                                      | 81.478  | 60                | 38                | 81.002                                      | 80.743  |                                                                           |
| M 90 X 2.0          | 25                | 17                | 88.708                                      | 88.921  | 22                | 15                | 88.620                                      | 88.451  |                                                                           |
| M 90 X 6.0          | 68                | 45                | 86.100                                      | 86.478  | 60                | 38                | 86.002                                      | 85.743  |                                                                           |
| M 95 X 2.0          | 25                | 17                | 93.708                                      | 93.921  | 22                | 15                | 93.620                                      | 93.451  |                                                                           |
| M 95 X 6.0          | 68                | 45                | 91.110                                      | 91.503  | 50                | 38                | 91.002                                      | 90.723  |                                                                           |
| M100 X 2.0          | 25                | 17                | 98.708                                      | 98.921  | 22                | 15                | 98.620                                      | 98.451  |                                                                           |
| M100 X 6.0          | 68                | 45                | 96.110                                      | 96.503  | 60                | 38                | 96.002                                      | 95.723  |                                                                           |
| M105 X 2.0          | 25                | 17                | 103.708                                     | 103.921 | 22                | 15                | 103.620                                     | 103.451 |                                                                           |
| M105 X 6.0          | 68                | 45                | 101.110                                     | 101.503 | 50                | 38                | 101.002                                     | 100.723 |                                                                           |
| M110 X 2.0          | 25                | 17                | 108.708                                     | 108.921 | 22                | 15                | 108.620                                     | 108.451 |                                                                           |
| M110 X 6.0          | 68                | 45                | 106.110                                     | 106.503 | 60                | 38                | 106.002                                     | 105.723 |                                                                           |
| M115 X 2.0          | 25                | 17                | 113.708                                     | 113.921 | 22                | 15                | 113.620                                     | 113.451 |                                                                           |
| M115 X 6.0          | 68                | 45                | 111.110                                     | 111.503 | 60                | 38                | 111.002                                     | 110.723 |                                                                           |
| M120 X 2.0          | 25                | 17                | 118.708                                     | 118.921 | 22                | 15                | 118.620                                     | 118.451 |                                                                           |
| M120 X 6.0          | 68                | 45                | 116.110                                     | 116.503 | 60                | 38                | 116.002                                     | 115.723 |                                                                           |
| M125 X 2.0          | 25                | 17                | 123.709                                     | 123.951 | 22                | 15                | 123.607                                     | 123.421 |                                                                           |
| M125 X 6.0          | 68                | 45                | 121.111                                     | 121.503 | 60                | 38                | 120.999                                     | 120.723 |                                                                           |
| M130 X 2.0          | 25                | 17                | 128.709                                     | 128.951 | 28                | 15                | 128.607                                     | 128.421 |                                                                           |
| M130 X 6.0          | 68                | 45                | 126.111                                     | 126.503 | 60                | 38                | 125.999                                     | 125.723 |                                                                           |
| M135 X 2.0          | 25                | 17                | 133.709                                     | 133.951 | 28                | 15                | 133.607                                     | 133.421 |                                                                           |
| M135 X 6.0          | 68                | 45                | 131.111                                     | 131.503 | 60                | 38                | 130.999                                     | 130.723 |                                                                           |
| M140 X 2.0          | 25                | 17                | 138.709                                     | 138.951 | 28                | 15                | 138.607                                     | 138.421 |                                                                           |

※有●者備有庫存。

● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。

No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

### M 公制螺紋 Metric Thread : JIS II (JIS B0251 B0252)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |         | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |         | ● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|---------|-------------------|-------------------|---------------------------------------------|---------|--------------------|
|                     |                   |                   | GO PD                                       | HI PD   |                   |                   | GO PD                                       | LO PD   |                    |
| M140 X 6.0          | 68                | 45                | 136.111                                     | 136.503 | 60                | 38                | 135.999                                     | 135.723 |                    |
| M145 X 2.0          | 25                | 17                | 143.709                                     | 143.951 | 28                | 15                | 143.607                                     | 143.421 |                    |
| M145 X 6.0          | 68                | 45                | 141.111                                     | 141.503 | 60                | 38                | 140.999                                     | 140.723 |                    |
| M150 X 2.0          | 25                | 17                | 148.709                                     | 148.951 | 28                | 15                | 148.607                                     | 148.421 |                    |
| M150 X 6.0          | 68                | 45                | 146.111                                     | 146.503 | 60                | 38                | 145.999                                     | 145.723 |                    |

### W 英制螺紋 British Standard Thread : II 級(class)、III 級(class)

單位: mm

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |        | ● 備有庫存<br>in stock |
|---------------------|-------------------|-------------------|---------------------------------------------|--------|-------------------|-------------------|---------------------------------------------|--------|--------------------|
|                     |                   |                   | GO PD                                       | HI PD  |                   |                   | GO PD                                       | LO PD  |                    |
| W 1/8 山 (crest) 40  | 7                 | 5                 | 2.772                                       | 2.860  | 4                 | 7                 | 2.756                                       | 2.688  | ●                  |
| W 5/32 山 (crest) 32 | 7                 | 5                 | 3.465                                       | 3.561  | 4                 | 7                 | 3.465                                       | 3.379  | ●                  |
| W 3/16 山 (crest) 24 | 10                | 7                 | 4.089                                       | 4.185  | 6                 | 10                | 4.073                                       | 3.994  | ●                  |
| W 1/4 山 (crest) 20  | 13                | 10                | 5.541                                       | 5.647  | 10                | 13                | 5.525                                       | 5.427  | ●                  |
| W 5/16 山 (crest) 18 | 13                | 10                | 7.038                                       | 7.154  | 10                | 13                | 7.020                                       | 6.914  | ●                  |
| W 3/8 山 (crest) 16  | 17                | 13                | 8.513                                       | 8.639  | 10                | 17                | 8.497                                       | 8.381  | ●                  |
| W 7/16 山 (crest) 14 | 17                | 13                | 9.955                                       | 10.091 | 10                | 17                | 9.936                                       | 9.803  | ●                  |
| W 1/2 山 (crest) 12  | 17                | 13                | 11.350                                      | 11.495 | 15                | 17                | 11.330                                      | 11.195 | ●                  |
| W 5/8 山 (crest) 11  | 22                | 17                | 14.402                                      | 14.576 | 19                | 22                | 14.381                                      | 14.236 | ●                  |
| W 3/4 山 (crest) 10  | 22                | 17                | 17.430                                      | 17.584 | 19                | 22                | 17.409                                      | 17.264 | ●                  |
| W 7/8 山 (crest) 9   | 22                | 17                | 20.423                                      | 20.598 | 22                | 22                | 20.403                                      | 20.248 | ●                  |
| W 1 山 (crest) 8     | 25                | 17                | 23.372                                      | 23.557 | 25                | 25                | 23.352                                      | 23.187 | ●                  |
| W 1 1/8 山 (crest) 7 | 32                | 25                | 26.257                                      | 26.442 | 28                | 32                | 26.237                                      | 26.062 |                    |
| W 1 1/4 山 (crest) 7 | 32                | 25                | 29.432                                      | 29.617 | 28                | 32                | 29.412                                      | 29.237 |                    |
| W 1 3/8 山 (crest) 6 | 42                | 25                | 32.220                                      | 32.415 | 38                | 42                | 32.199                                      | 32.004 |                    |
| W 1 1/2 山 (crest) 6 | 42                | 25                | 35.395                                      | 35.590 | 38                | 42                | 35.374                                      | 35.179 |                    |

※有●者備有庫存。  
● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。  
No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

### UNC 美制粗螺紋 Unified Coarse Thread (ANSI B1.2-2A 2B)

單位: inch

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>(mm)<br>A | 螺紋栓規<br>WP牙長<br>(mm)<br>B | 限界螺紋栓規2B<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>(mm)<br>C | 螺紋環規<br>WR厚度<br>(mm)<br>D | 限界螺紋環規2A<br>Fixed Limit<br>Thread Ring Gauges |        | ● 備有庫存<br>in stock |
|---------------------|---------------------------|---------------------------|-----------------------------------------------|--------|---------------------------|---------------------------|-----------------------------------------------|--------|--------------------|
|                     |                           |                           | GO PD                                         | HI PD  |                           |                           | GO PD                                         | LO PD  |                    |
| NO.4 - 40 UNC       | 7                         | 5                         | 2.433                                         | 2.517  | 4                         | 3                         | 2.413                                         | 2.349  | ●                  |
| NO.5 - 40 UNC       | 7                         | 5                         | 2.763                                         | 2.847  | 4                         | 3                         | 2.743                                         | 2.677  | ●                  |
| NO.6 - 32 UNC       | 7                         | 5                         | 2.994                                         | 3.083  | 4                         | 3                         | 2.957                                         | 2.899  | ●                  |
| NO.8 - 32 UNC       | 7                         | 5                         | 3.654                                         | 3.746  | 6                         | 4                         | 3.615                                         | 3.554  | ●                  |
| NO.10 - 24 UNC      | 7                         | 5                         | 4.142                                         | 4.246  | 6                         | 4                         | 4.100                                         | 4.029  | ●                  |
| NO.12 - 24 UNC      | 7                         | 5                         | 4.803                                         | 4.909  | 6                         | 4                         | 4.760                                         | 4.687  | ●                  |
| 1/4 - 20 UNC        | 13                        | 10                        | 5.529                                         | 5.648  | 8                         | 6                         | 5.484                                         | 5.403  | ●                  |
| 5/16 - 18 UNC       | 13                        | 10                        | 7.025                                         | 7.155  | 8                         | 6                         | 6.978                                         | 6.889  | ●                  |
| 3/8 - 16 UNC        | 13                        | 10                        | 8.498                                         | 8.638  | 12                        | 8                         | 8.448                                         | 8.349  | ●                  |
| 7/16 - 14 UNC       | 13                        | 10                        | 9.938                                         | 10.088 | 12                        | 8                         | 9.886                                         | 9.779  | ●                  |
| 1/2 - 13 UNC        | 17                        | 13                        | 11.434                                        | 11.595 | 15                        | 10                        | 11.380                                        | 11.265 | ●                  |
| 9/16 - 12 UNC       | 22                        | 17                        | 12.918                                        | 13.086 | 22                        | 15                        | 12.861                                        | 12.741 | ●                  |
| 5/8 - 11 UNC        | 22                        | 17                        | 14.381                                        | 14.559 | 22                        | 15                        | 14.323                                        | 14.197 | ●                  |
| 3/4 - 10 UNC        | 25                        | 17                        | 17.403                                        | 17.594 | 22                        | 15                        | 17.341                                        | 17.204 | ●                  |
| 7/8 - 9 UNC         | 32                        | 25                        | 20.396                                        | 20.599 | 22                        | 15                        | 20.330                                        | 20.183 | ●                  |
| 1 - 8 UNC           | 32                        | 25                        | 23.343                                        | 23.561 | 28                        | 22                        | 23.271                                        | 23.114 | ●                  |
| 1 1/8 - 7 UNC       | 32                        | 25                        | 26.223                                        | 26.456 | 28                        | 22                        | 26.147                                        | 25.980 | ●                  |
| 1 1/4 - 7 UNC       | 32                        | 25                        | 29.398                                        | 29.636 | 28                        | 22                        | 29.322                                        | 29.150 | ●                  |
| 1 3/8 - 6 UNC       | 32                        | 25                        | 32.180                                        | 32.438 | 28                        | 22                        | 32.098                                        | 31.911 | ●                  |
| 1 1/2 - 6 UNC       | 32                        | 25                        | 35.355                                        | 35.615 | 28                        | 22                        | 35.273                                        | 35.083 | ●                  |
| 1 3/4 - 5 UNC       | 40                        | 32                        | 41.157                                        | 41.445 | 32                        | 28                        | 41.063                                        | 40.856 | ●                  |
| 2 - 4 1/2 UNC       | 40                        | 32                        | 47.141                                        | 47.449 | 32                        | 28                        | 47.042                                        | 46.820 | ●                  |
| 2 1/4 - 4 1/2 UNC   | 40                        | 32                        | 53.491                                        | 53.804 | 32                        | 28                        | 53.392                                        | 53.165 | ●                  |
| 2 1/2 - 4 UNC       | 40                        | 32                        | 59.382                                        | 59.717 | 32                        | 28                        | 59.277                                        | 59.033 | ●                  |
| 2 3/4 - 4 UNC       | 40                        | 32                        | 65.732                                        | 66.073 | 36                        | 28                        | 65.624                                        | 65.378 | ●                  |
| 3 - 4 UNC           | 40                        | 32                        | 72.082                                        | 72.428 | 36                        | 28                        | 71.974                                        | 71.722 | ●                  |
| 3 1/4 - 4 UNC       | 40                        | 32                        | 78.432                                        | 78.783 | 36                        | 28                        | 78.322                                        | 78.065 | ●                  |
| 3 1/2 - 4 UNC       | 40                        | 32                        | 84.782                                        | 85.138 | 36                        | 28                        | 84.672                                        | 84.412 | ●                  |
| 3 3/4 - 4 UNC       | 40                        | 32                        | 91.132                                        | 91.493 | 38                        | 28                        | 90.755                                        | 90.755 | ●                  |
| 4 - 4 UNC           | 40                        | 32                        | 97.482                                        | 97.848 | 38                        | 28                        | 97.369                                        | 97.102 | ●                  |

※有●者備有庫存。

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※無庫存及特殊品，歡迎訂製。

No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

### UNF 美制細螺紋 Unified Fine Thread (ANSI B1.2-2A 2B)

單位: inch

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>(mm)<br>A | 螺紋栓規<br>WP牙長<br>(mm)<br>B | 限界螺紋栓規2B<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>(mm)<br>C | 螺紋環規<br>WR厚度<br>(mm)<br>D | 限界螺紋環規2A<br>Fixed Limit<br>Thread Ring Gauges |        | ● 備有庫存<br>in stock |
|---------------------|---------------------------|---------------------------|-----------------------------------------------|--------|---------------------------|---------------------------|-----------------------------------------------|--------|--------------------|
|                     |                           |                           | GO PD                                         | HI PD  |                           |                           | GO PD                                         | LO PD  |                    |
| NO.4 - 48 UNF       | 7                         | 5                         | 2.501                                         | 2.580  | 6                         | 4                         | 2.484                                         | 2.423  | ●                  |
| NO.5 - 44 UNF       | 7                         | 5                         | 2.799                                         | 2.880  | 6                         | 4                         | 2.781                                         | 2.717  | ●                  |
| NO.6 - 40 UNF       | 7                         | 5                         | 3.097                                         | 3.180  | 6                         | 4                         | 3.065                                         | 3.008  | ●                  |
| NO.8 - 36 UNF       | 7                         | 5                         | 3.712                                         | 3.799  | 6                         | 4                         | 3.680                                         | 3.617  | ●                  |
| NO.10 - 32 UNF      | 7                         | 5                         | 4.315                                         | 4.409  | 6                         | 4                         | 4.275                                         | 4.212  | ●                  |
| NO.12 - 28 UNF      | 7                         | 5                         | 4.902                                         | 5.003  | 6                         | 4                         | 4.859                                         | 4.791  | ●                  |
| 1/4 - 28 UNF        | 10                        | 7                         | 5.761                                         | 5.869  | 8                         | 6                         | 5.723                                         | 5.652  | ●                  |
| 5/16 - 24 UNF       | 10                        | 7                         | 7.254                                         | 7.371  | 8                         | 6                         | 7.209                                         | 7.128  | ●                  |
| 3/8 - 24 UNF        | 13                        | 10                        | 8.841                                         | 8.961  | 10                        | 8                         | 8.796                                         | 8.713  | ●                  |
| 7/16 - 20 UNF       | 13                        | 10                        | 10.291                                        | 10.424 | 10                        | 8                         | 10.242                                        | 10.147 | ●                  |
| 1/2 - 20 UNF        | 13                        | 10                        | 11.879                                        | 12.016 | 10                        | 8                         | 11.829                                        | 11.732 | ●                  |
| 9/16 - 18 UNF       | 17                        | 13                        | 13.375                                        | 13.520 | 15                        | 10                        | 13.323                                        | 13.221 | ●                  |
| 5/8 - 18 UNF        | 17                        | 13                        | 14.963                                        | 15.110 | 15                        | 10                        | 14.910                                        | 14.804 | ●                  |
| 3/4 - 16 UNF        | 17                        | 13                        | 18.023                                        | 18.183 | 15                        | 10                        | 17.968                                        | 17.854 | ●                  |
| 7/8 - 14 UNF        | 25                        | 13                        | 21.051                                        | 21.224 | 15                        | 10                        | 20.993                                        | 20.869 | ●                  |
| 1 - 12 UNF          | 25                        | 13                        | 24.030                                        | 24.218 | 15                        | 10                        | 23.968                                        | 23.831 | ●                  |
| 1 1/8 - 12 UNF      | 25                        | 13                        | 27.205                                        | 27.298 | 15                        | 10                        | 27.143                                        | 27.003 | ●                  |
| 1 1/4 - 12 UNF      | 25                        | 17                        | 30.380                                        | 30.579 | 19                        | 15                        | 30.318                                        | 30.173 | ●                  |
| 1 3/8 - 12 UNF      | 25                        | 17                        | 33.555                                        | 33.759 | 19                        | 15                        | 33.490                                        | 33.343 | ●                  |
| 1 1/2 - 12 UNF      | 25                        | 17                        | 36.730                                        | 36.936 | 19                        | 15                        | 36.665                                        | 36.516 | ●                  |

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※無庫存及特殊品，歡迎訂製。  
No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

### UNEF 美制極細螺紋 Unified Extra Fine Thread (ANSI B1.2-2A 2B)

單位: inch

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>(mm)<br>A | 螺紋栓規<br>WP牙長<br>(mm)<br>B | 限界螺紋栓規2B<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>(mm)<br>C | 螺紋環規<br>WR厚度<br>(mm)<br>D | 限界螺紋環規2A<br>Fixed Limit<br>Thread Ring Gauges |        | ● 備有庫存<br>in stock |
|---------------------|---------------------------|---------------------------|-----------------------------------------------|--------|---------------------------|---------------------------|-----------------------------------------------|--------|--------------------|
|                     |                           |                           | GO PD                                         | HI PD  |                           |                           | GO PD                                         | LO PD  |                    |
| NO.12 - 32 UNEF     | 7                         | 5                         | 0.1957                                        | 0.1998 | 8                         | 6                         | 0.1948                                        | 0.1917 | ●                  |
| 1/4 - 32 UNEF       | 10                        | 7                         | 0.2297                                        | 0.2339 | 8                         | 6                         | 0.2287                                        | 0.2255 | ●                  |
| 5/16 - 32 UNEF      | 10                        | 7                         | 0.2922                                        | 0.2964 | 8                         | 6                         | 0.2912                                        | 0.2880 | ●                  |
| 3/8 - 32 UNEF       | 10                        | 7                         | 0.3547                                        | 0.3591 | 8                         | 6                         | 0.3537                                        | 0.3503 | ●                  |
| 7/16 - 28 UNEF      | 10                        | 7                         | 0.4143                                        | 0.4189 | 10                        | 8                         | 0.4132                                        | 0.4096 | ●                  |
| 1/2 - 28 UNEF       | 10                        | 7                         | 0.4768                                        | 0.4816 | 10                        | 8                         | 0.4757                                        | 0.4720 | ●                  |
| 9/16 - 24 UNEF      | 17                        | 13                        | 0.5354                                        | 0.5405 | 10                        | 8                         | 0.5342                                        | 0.5303 | ●                  |
| 5/8 - 24 UNEF       | 17                        | 13                        | 0.5979                                        | 0.6031 | 10                        | 8                         | 0.5967                                        | 0.5927 | ●                  |
| 3/4 - 20 UNEF       | 17                        | 13                        | 0.7175                                        | 0.7232 | 15                        | 10                        | 0.7162                                        | 0.7118 | ●                  |
| 13/16 - 20 UNEF     | 17                        | 13                        | 0.7800                                        | 0.7857 | 15                        | 10                        | 0.7787                                        | 0.7743 | ●                  |
| 7/8 - 20 UNEF       | 17                        | 13                        | 0.8425                                        | 0.8482 | 15                        | 10                        | 0.8412                                        | 0.8368 | ●                  |
| 15/16 - 20 UNEF     | 17                        | 13                        | 0.9050                                        | 0.9109 | 15                        | 10                        | 0.9036                                        | 0.8991 | ●                  |
| 1 - 20 UNEF         | 17                        | 13                        | 0.9675                                        | 0.9734 | 15                        | 10                        | 0.9661                                        | 0.9616 | ●                  |
| 1 1/16 - 18 UNEF    | 17                        | 13                        | 1.0264                                        | 1.0326 | 15                        | 10                        | 1.0250                                        | 1.0203 | ●                  |
| 1 1/8 - 18 UNEF     | 17                        | 13                        | 1.0889                                        | 1.0951 | 15                        | 10                        | 1.0875                                        | 1.0828 | ●                  |
| 1 3/16 - 18 UNEF    | 17                        | 13                        | 1.1514                                        | 1.1577 | 15                        | 10                        | 1.1499                                        | 1.1450 | ●                  |
| 1 1/4 - 18 UNEF     | 17                        | 13                        | 1.2139                                        | 1.2202 | 15                        | 10                        | 1.2124                                        | 1.2075 | ●                  |
| 1 5/16 - 18 UNEF    | 17                        | 13                        | 1.2764                                        | 1.2827 | 15                        | 10                        | 1.2749                                        | 1.2700 | ●                  |
| 1 3/8 - 18 UNEF     | 17                        | 13                        | 1.3389                                        | 1.3452 | 15                        | 10                        | 1.3374                                        | 1.3325 | ●                  |
| 1 7/16 - 18 UNEF    | 17                        | 13                        | 1.4014                                        | 1.4079 | 15                        | 10                        | 1.3999                                        | 1.3949 | ●                  |
| 1 1/2 - 18 UNEF     | 17                        | 13                        | 1.4639                                        | 1.4704 | 15                        | 10                        | 1.4624                                        | 1.4574 | ●                  |
| 1 9/16 - 18 UNEF    | 17                        | 13                        | 1.5264                                        | 1.5329 | 15                        | 10                        | 1.5249                                        | 1.5199 | ●                  |
| 1 5/8 - 18 UNEF     | 17                        | 13                        | 1.5889                                        | 1.5954 | 15                        | 10                        | 1.5874                                        | 1.5824 | ●                  |
| 1 11/16 - 18 UNEF   | 17                        | 13                        | 1.6514                                        | 1.6580 | 15                        | 10                        | 1.6499                                        | 1.6448 | ●                  |

### UNS 美制特殊螺紋 Unified Special Thread (2A 2B)

單位: inch

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>(mm)<br>A | 螺紋栓規<br>WP牙長<br>(mm)<br>B | 限界螺紋栓規2B<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>(mm)<br>C | 螺紋環規<br>WR厚度<br>(mm)<br>D | 限界螺紋環規2A<br>Fixed Limit<br>Thread Ring Gauges |        | ● 備有庫存<br>in stock |
|---------------------|---------------------------|---------------------------|-----------------------------------------------|--------|---------------------------|---------------------------|-----------------------------------------------|--------|--------------------|
|                     |                           |                           | GO PD                                         | HI PD  |                           |                           | GO PD                                         | LO PD  |                    |
| NO.10 - 28 UNS      | 7                         | 5                         | 0.1668                                        | 0.1711 | 6                         | 4                         | 0.1658                                        | 0.1625 | ●                  |
| NO.12 - 48 UNS      | 7                         | 5                         | 0.2025                                        | 0.2059 | 6                         | 4                         | 0.2017                                        | 0.1991 | ●                  |
| 1/4 - 27 UNS        | 10                        | 7                         | 0.2259                                        | 0.2304 | 8                         | 6                         | 0.2249                                        | 0.2214 | ●                  |
| 5/16 - 27 UNS       | 10                        | 7                         | 0.2884                                        | 0.2929 | 8                         | 6                         | 0.2874                                        | 0.2839 | ●                  |
| 3/8 - 27 UNS        | 10                        | 7                         | 0.3509                                        | 0.3556 | 8                         | 6                         | 0.3498                                        | 0.3462 | ●                  |
| 7/16 - 24 UNS       | 10                        | 7                         | 0.4104                                        | 0.4153 | 8                         | 6                         | 0.4093                                        | 0.4055 | ●                  |
| 7/16 - 27 UNS       | 10                        | 7                         | 0.4134                                        | 0.4181 | 8                         | 6                         | 0.4123                                        | 0.4087 | ●                  |
| 1/2 - 27 UNS        | 10                        | 7                         | 0.4759                                        | 0.4807 | 8                         | 6                         | 0.4748                                        | 0.4711 | ●                  |

※有●者備有庫存。

● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。

No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

### UNS 美制特殊螺紋 Unified Special Thread ( 2A 2B )

單位: inch

| 規格<br>Specification | 螺紋栓規<br>GP牙長<br>(mm)<br>A | 螺紋栓規<br>WP牙長<br>(mm)<br>B | 限界螺紋栓規2B<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>(mm)<br>C | 螺紋環規<br>WR厚度<br>(mm)<br>D | 限界螺紋環規2A<br>Fixed Limit<br>Thread Ring Gauges |        | ● 備有庫存<br>in stock |
|---------------------|---------------------------|---------------------------|-----------------------------------------------|--------|---------------------------|---------------------------|-----------------------------------------------|--------|--------------------|
|                     |                           |                           | GO PD                                         | HI PD  |                           |                           | GO PD                                         | LO PD  |                    |
| 9/16 - 27 UNS       | 10                        | 7                         | 0.5384                                        | 0.5432 | 8                         | 6                         | 0.5376                                        | 0.5336 | ●                  |
| 5/8 - 27 UNS        | 10                        | 7                         | 0.6009                                        | 0.6059 | 8                         | 6                         | 0.5998                                        | 0.5960 | ●                  |
| 3/4 - 27 UNS        | 10                        | 7                         | 0.7259                                        | 0.7310 | 8                         | 6                         | 0.7247                                        | 0.7208 | ●                  |
| 7/8 - 24 UNS        | 13                        | 10                        | 0.8479                                        | 0.8532 | 10                        | 8                         | 0.8467                                        | 0.8426 | ●                  |
| 15/16 - 24 UNS      | 13                        | 10                        | 0.9104                                        | 0.9159 | 10                        | 8                         | 0.9091                                        | 0.9049 | ●                  |
| 1 - 14 UNS          | 13                        | 10                        | 0.9536                                        | 0.9609 | 10                        | 8                         | 0.9519                                        | 0.9463 | ●                  |
| 1 1/8 - 24 UNS      | 13                        | 10                        | 1.0979                                        | 1.1034 | 10                        | 8                         | 1.0966                                        | 1.0924 |                    |
| 1 1/4 - 24 UNS      | 13                        | 10                        | 1.2229                                        | 1.2285 | 10                        | 8                         | 1.2216                                        | 1.2173 |                    |
| 1 3/8 - 24 UNS      | 13                        | 10                        | 1.3479                                        | 1.3535 | 10                        | 8                         | 1.3466                                        | 1.3423 |                    |
| 1 1/2 - 24 UNS      | 13                        | 10                        | 1.4729                                        | 1.4787 | 10                        | 8                         | 1.4716                                        | 1.4672 |                    |
| 1 5/8 - 24 UNS      | 13                        | 10                        | 1.5979                                        | 1.6037 | 10                        | 8                         | 1.5966                                        | 1.5922 |                    |
| 1 3/4 - 18 UNS      | 17                        | 13                        | 1.7139                                        | 1.7205 | 15                        | 10                        | 1.7124                                        | 1.7073 |                    |
| 1 7/8 - 18 UNS      | 17                        | 13                        | 1.8389                                        | 1.8455 | 15                        | 10                        | 1.8374                                        | 1.8323 |                    |
| 2 - 18 UNS          | 17                        | 13                        | 1.9639                                        | 1.9706 | 15                        | 10                        | 1.9624                                        | 1.9573 |                    |
| 2 1/16 - 16 UNS     | 17                        | 13                        | 2.0219                                        | 2.0289 | 15                        | 10                        | 2.0203                                        | 2.0149 |                    |
| 2 3/16 - 16 UNS     | 17                        | 13                        | 2.1469                                        | 2.1539 | 15                        | 10                        | 2.1453                                        | 2.1399 |                    |
| 2 1/4 - 18 UNS      | 17                        | 13                        | 2.2139                                        | 2.2206 | 15                        | 10                        | 2.2124                                        | 2.2073 |                    |
| 2 5/16 - 16 UNS     | 17                        | 13                        | 2.2719                                        | 2.2791 | 15                        | 10                        | 2.2702                                        | 2.2647 |                    |
| 2 1/2 - 18 UNS      | 17                        | 13                        | 2.4639                                        | 2.4708 | 15                        | 10                        | 2.4623                                        | 2.4570 |                    |
| 2 3/4 - 18 UNS      | 17                        | 13                        | 2.7139                                        | 2.7208 | 15                        | 10                        | 2.7123                                        | 2.7070 |                    |
| 3 - 18 UNS          | 17                        | 13                        | 2.9639                                        | 2.9709 | 15                        | 10                        | 2.9623                                        | 2.9569 |                    |
| 3 1/4 - 18 UNS      | 17                        | 13                        | 3.2139                                        | 3.2209 | 15                        | 10                        | 3.2123                                        | 3.2069 |                    |
| 3 1/2 - 18 UNS      | 17                        | 13                        | 3.4639                                        | 3.4711 | 15                        | 10                        | 3.4622                                        | 3.4567 |                    |
| 3 3/4 - 18 UNS      | 17                        | 13                        | 3.7139                                        | 3.7211 | 15                        | 10                        | 3.7122                                        | 3.7067 |                    |
| 4 - 14 UNS          | 22                        | 17                        | 3.9536                                        | 3.9616 | 15                        | 10                        | 3.9518                                        | 3.9456 |                    |
| 4 1/4 - 14 UNS      | 22                        | 17                        | 4.2036                                        | 4.2116 | 15                        | 10                        | 4.2018                                        | 4.1956 |                    |
| 4 1/2 - 14 UNS      | 22                        | 17                        | 4.4536                                        | 4.4616 | 15                        | 10                        | 4.4518                                        | 4.4456 |                    |
| 4 3/4 - 14 UNS      | 22                        | 17                        | 4.7036                                        | 4.7119 | 15                        | 10                        | 4.7017                                        | 4.6953 |                    |
| 5 - 14 UNS          | 22                        | 17                        | 4.9536                                        | 4.9619 | 15                        | 10                        | 4.9517                                        | 4.9453 |                    |
| 5 1/4 - 14 UNS      | 22                        | 17                        | 5.2036                                        | 5.2119 | 15                        | 10                        | 5.2017                                        | 5.1953 |                    |
| 5 1/2 - 14 UNS      | 22                        | 17                        | 5.4536                                        | 5.4619 | 15                        | 10                        | 5.4517                                        | 5.4453 |                    |
| 5 3/4 - 14 UNS      | 22                        | 17                        | 5.7036                                        | 5.7121 | 15                        | 10                        | 5.7016                                        | 5.6951 |                    |
| 6 - 14 UNS          | 22                        | 17                        | 5.9536                                        | 5.9621 | 15                        | 10                        | 5.9516                                        | 5.9451 |                    |

※有●者備有庫存。  
● means we have the item in stock.

※無庫存及特殊品，歡迎訂製。  
No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

### BC 自轉車用 Bicycle : JIS B0225

單位: mm

| 規格<br>Specification             | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |        | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|---------------------------------|-------------------|-------------------|---------------------------------------------|--------|-------------------|-------------------|---------------------------------------------|--------|---------------------------------------------------------------------------|
|                                 |                   |                   | GO PD                                       | HI PD  |                   |                   | GO PD                                       | LO PD  |                                                                           |
| BC 5/16 $\Delta_1$ (crest) 26   | 10                | 7                 | 7.425                                       | 7.550  | 8                 | 6                 | 7.405                                       | 7.290  | ●                                                                         |
| BC 3/8 $\Delta_1$ (crest) 26    | 10                | 7                 | 9.015                                       | 9.140  | 8                 | 6                 | 8.995                                       | 8.880  | ●                                                                         |
| BC 7/16 $\Delta_1$ (crest) 26   | 10                | 7                 | 10.595                                      | 10.720 | 8                 | 6                 | 10.575                                      | 10.460 | ●                                                                         |
| BC 1/2 $\Delta_1$ (crest) 20    | 17                | 13                | 12.025                                      | 12.160 | 10                | 8                 | 12.005                                      | 11.880 | ●                                                                         |
| BC 9/16 $\Delta_1$ (crest) 20   | 17                | 13                | 13.615                                      | 13.750 | 10                | 8                 | 13.595                                      | 13.470 | ●                                                                         |
| BC 5/8 $\Delta_1$ (crest) 20    | 17                | 13                | 15.205                                      | 15.340 | 10                | 8                 | 15.185                                      | 15.060 | ●                                                                         |
| BC 11/16 $\Delta_1$ (crest) 24左 | 17                | 13                | 16.906                                      | 17.040 | 10                | 8                 | 16.882                                      | 16.760 | ●                                                                         |
| BC 3/4 $\Delta_1$ (crest) 30    | 13                | 10                | 18.606                                      | 18.740 | 8                 | 6                 | 18.582                                      | 18.460 | ●                                                                         |
| BC 31/32 $\Delta_1$ (crest) 30  | 13                | 10                | 24.166                                      | 24.300 | 8                 | 6                 | 24.142                                      | 24.020 | ●                                                                         |
| BC 1 $\Delta_1$ (crest) 24      | 17                | 13                | 24.848                                      | 25.000 | 10                | 8                 | 24.816                                      | 24.680 | ●                                                                         |
| BC 1 1/8 $\Delta_1$ (crest) 26  | 13                | 10                | 28.063                                      | 28.215 | 10                | 8                 | 28.031                                      | 27.895 | ●                                                                         |
| BC 1 1/4 $\Delta_1$ (crest) 26  | 13                | 10                | 31.238                                      | 31.390 | 10                | 8                 | 31.206                                      | 31.070 | ●                                                                         |
| BC 1.37 $\Delta_1$ (crest) 24   | 17                | 13                | 34.248                                      | 34.410 | 10                | 8                 | 34.216                                      | 34.070 | ●                                                                         |
| BC 1.42 $\Delta_1$ (crest) 24   | 17                | 13                | 35.516                                      | 35.678 | 10                | 8                 | 35.484                                      | 35.338 | ●                                                                         |
| BC 1 7/16 $\Delta_1$ (crest) 24 | 17                | 13                | 35.958                                      | 36.120 | 10                | 8                 | 35.926                                      | 35.780 | ●                                                                         |
| BC 1.45 $\Delta_1$ (crest) 24   | 17                | 13                | 36.278                                      | 36.440 | 10                | 8                 | 36.246                                      | 36.100 | ●                                                                         |
| BC 1 9/16 $\Delta_1$ (crest) 24 | 17                | 13                | 39.138                                      | 39.300 | 10                | 8                 | 39.106                                      | 38.960 | ●                                                                         |

### SM 針車用 Sewing Machine : JIS II級(class) (JIS B0226)

單位: mm

| 規格<br>Specification            | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |       | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |       | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|--------------------------------|-------------------|-------------------|---------------------------------------------|-------|-------------------|-------------------|---------------------------------------------|-------|---------------------------------------------------------------------------|
|                                |                   |                   | GO PD                                       | HI PD |                   |                   | GO PD                                       | LO PD |                                                                           |
| SM 1/8 $\Delta_1$ (crest) 40   | 7                 | 5                 | 2.767                                       | 2.853 | 4                 | 3                 | 2.751                                       | 2.673 | ●                                                                         |
| SM 1/8 $\Delta_1$ (crest) 44   | 7                 | 5                 | 2.804                                       | 2.890 | 4                 | 3                 | 2.788                                       | 2.710 | ●                                                                         |
| SM 1/8 $\Delta_1$ (crest) 48   | 7                 | 5                 | 2.835                                       | 2.921 | 4                 | 3                 | 2.819                                       | 2.725 | ●                                                                         |
| SM 9/64 $\Delta_1$ (crest) 40  | 7                 | 5                 | 3.164                                       | 3.250 | 6                 | 4                 | 3.148                                       | 3.070 | ●                                                                         |
| SM 11/64 $\Delta_1$ (crest) 40 | 7                 | 5                 | 3.958                                       | 4.054 | 6                 | 4                 | 3.942                                       | 3.854 | ●                                                                         |
| SM 3/16 $\Delta_1$ (crest) 28  | 10                | 7                 | 4.174                                       | 4.273 | 8                 | 6                 | 4.158                                       | 4.070 | ●                                                                         |
| SM 15/64 $\Delta_1$ (crest) 28 | 10                | 7                 | 5.368                                       | 5.474 | 8                 | 6                 | 5.352                                       | 5.254 | ●                                                                         |
| SM 1/4 $\Delta_1$ (crest) 24   | 10                | 7                 | 5.667                                       | 5.773 | 8                 | 6                 | 5.651                                       | 5.553 | ●                                                                         |
| SM 1/4 $\Delta_1$ (crest) 28   | 10                | 7                 | 5.765                                       | 5.871 | 8                 | 6                 | 5.749                                       | 5.651 | ●                                                                         |
| SM 1/4 $\Delta_1$ (crest) 40   | 10                | 7                 | 5.942                                       | 6.048 | 6                 | 4                 | 5.926                                       | 5.828 | ●                                                                         |
| SM 9/32 $\Delta_1$ (crest) 20  | 13                | 10                | 6.323                                       | 6.439 | 10                | 8                 | 6.307                                       | 6.199 | ●                                                                         |
| SM 9/32 $\Delta_1$ (crest) 28  | 10                | 7                 | 6.559                                       | 6.675 | 8                 | 6                 | 6.543                                       | 6.435 | ●                                                                         |

※有●者備有庫存。

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No stock or special specifications are available on request.



## 限界螺紋栓(環)規 Fixed Limit Thread Plug (Ring) Gauges



螺紋栓規  
Thread Plug Gauges



螺紋環規  
Thread Ring Gauges

SM 針車用 Sewing Machine : JIS II 級(class) ( JIS B0226 )

單位: mm

| 規格<br>Specification  | 螺紋栓規<br>GP牙長<br>A | 螺紋栓規<br>WP牙長<br>B | 限界螺紋栓規<br>Fixed Limit<br>Thread Plug Gauges |        | 螺紋環規<br>GR厚度<br>C | 螺紋環規<br>WR厚度<br>D | 限界螺紋環規<br>Fixed Limit<br>Thread Ring Gauges |        | 限界螺紋栓環規<br>Fixed Limit Thread<br>Plug (Ring) Gauges<br>● 備有庫存<br>in stock |
|----------------------|-------------------|-------------------|---------------------------------------------|--------|-------------------|-------------------|---------------------------------------------|--------|---------------------------------------------------------------------------|
|                      |                   |                   | GO PD                                       | III PD |                   |                   | GO PD                                       | LO PD  |                                                                           |
| SM 5/16 山(crest) 18  | 17                | 13                | 7.026                                       | 7.142  | 8                 | 6                 | 7.010                                       | 6.902  |                                                                           |
| SM 11/32 山(crest) 28 | 10                | 7                 | 8.146                                       | 8.262  | 8                 | 6                 | 8.130                                       | 8.022  |                                                                           |
| SM 3/8 山(crest) 18   | 17                | 13                | 8.613                                       | 8.739  | 8                 | 6                 | 8.597                                       | 8.479  |                                                                           |
| SM 3/8 山(crest) 28   | 10                | 7                 | 8.940                                       | 9.056  | 8                 | 6                 | 8.924                                       | 8.816  |                                                                           |
| SM 7/16 山(crest) 16  | 17                | 13                | 10.085                                      | 10.221 | 8                 | 6                 | 10.069                                      | 9.941  |                                                                           |
| SM 7/16 山(crest) 28  | 10                | 7                 | 10.527                                      | 10.653 | 8                 | 6                 | 10.511                                      | 10.393 |                                                                           |
| SM 1/2 山(crest) 28   | 10                | 7                 | 12.115                                      | 12.251 | 8                 | 6                 | 12.099                                      | 11.971 |                                                                           |
| SM 9/16 山(crest) 20  | 13                | 10                | 13.467                                      | 13.613 | 10                | 8                 | 13.451                                      | 13.313 |                                                                           |