

# HSS



Being the best through innovation



# LONG SHANK TAPS

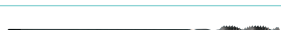
- 用于加工深孔, HSS-EX  
FOR TAPPING DEEP HOLES, HSS-EX

# SELECTION GUIDE

## 长柄丝锥 / LONG SHANK TAP

用于加工深孔, HSS-EX / for Tapping Deep Holes, HSS-EX

## LONG SHANK TAPS

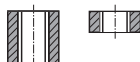
| 项目<br>EDP No.                      | 型号<br>MODEL                                                                         | 刀具材质<br>Tool<br>Material | 标准<br>Standard | 工件材质<br>Work<br>Material | 尺寸<br>Dimensions | 丝锥公差<br>Tolerance | 倒角<br>Chamfer | 表面处理<br>Surface<br>Treatment | 页<br>PAGE  |
|------------------------------------|-------------------------------------------------------------------------------------|--------------------------|----------------|--------------------------|------------------|-------------------|---------------|------------------------------|------------|
| <b>T1203</b>                       |    | HSS-EX                   | M              | <b>GS</b>                | GPLS             | YH                | 5.0P          | Homo                         | <b>435</b> |
| <b>T1204</b>                       |    | HSS-EX                   | M              | <b>GS</b>                | GPLS             | YH                | 5.0P          | Homo                         | <b>436</b> |
| <b>T1205</b>                       |    | HSS-EX                   | M              | <b>GS</b>                | GPLS             | YH                | 5.0P          | Homo                         | <b>437</b> |
| <b>T1206</b>                       |    | HSS-EX                   | M              | <b>GS</b>                | GPLS             | YH                | 5.0P          | Homo                         | <b>438</b> |
| <b>T1230<br/>T1240</b>             |    | HSS-EX                   | W              | <b>GS</b>                | GPLS             | JIS II            | 5.0P          | Homo                         | <b>439</b> |
| <b>T1250<br/>T1260</b>             |    | HSS-EX                   | W              | <b>GS</b>                | GPLS             | JIS II            | 5.0P          | Homo                         | <b>440</b> |
| <b>T1103</b>                       |    | HSS-EX                   | M              | <b>GS</b>                | SPLS             | YH                | 2.5P          | Homo                         | <b>441</b> |
| <b>T1104</b>                       |  | HSS-EX                   | M              | <b>GS</b>                | SPLS             | YH                | 2.5P          | Homo                         | <b>442</b> |
| <b>T1105</b>                       |  | HSS-EX                   | M              | <b>GS</b>                | SPLS             | YH                | 2.5P          | Homo                         | <b>443</b> |
| <b>T1106</b>                       |  | HSS-EX                   | M              | <b>GS</b>                | SPLS             | YH                | 2.5P          | Homo                         | <b>444</b> |
| <b>T1130<br/>T1140</b>             |  | HSS-EX                   | W              | <b>GS</b>                | SPLS             | JIS II            | 2.5P          | Homo                         | <b>445</b> |
| <b>T1150<br/>T1160</b>             |  | HSS-EX                   | W              | <b>GS</b>                | SPLS             | JIS II            | 2.5P          | Homo                         | <b>446</b> |
| <b>T1323<br/>T1303</b>             |  | HSS-EX                   | M              | <b>GS</b>                | STLS             | YH                | 1.5P / 5.0P   | Homo                         | <b>447</b> |
| <b>T1324<br/>T1304</b>             |  | HSS-EX                   | M              | <b>GS</b>                | STLS             | YH                | 1.5P / 5.0P   | Homo                         | <b>448</b> |
| <b>T1325<br/>T1305</b>             |  | HSS-EX                   | M              | <b>GS</b>                | STLS             | YH                | 1.5P / 5.0P   | Homo                         | <b>449</b> |
| <b>T1326<br/>T1306</b>             |  | HSS-EX                   | M              | <b>GS</b>                | STLS             | YH                | 1.5P / 5.0P   | Homo                         | <b>450</b> |
| <b>T1331/T1330<br/>T1341/T1340</b> |  | HSS-EX                   | W              | <b>GS</b>                | STLS             | JIS II            | 1.5P / 5.0P   | Homo                         | <b>451</b> |
| <b>T1351/T1350<br/>T1361/T1360</b> |  | HSS-EX                   | W              | <b>GS</b>                | STLS             | JIS II            | 1.5P / 5.0P   | Homo                         | <b>452</b> |

### 长柄普通先端丝锥 LONG SHANK SPIRAL POINT TAPS for GENERAL PURPOSE

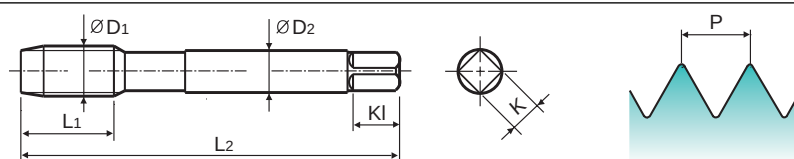
► 适用于碳钢和合金钢的通孔加工，优异排屑

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



► Tap Limits : P.530  
► up to M8 : Male Center  
► Tapping Speeds : P.532



► 100mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |               |             |                            |                            |                             |                           |                              |                    |
| M3         | × 0.5       | T1203202      | YH2         | 100                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| M4         | × 0.7       | T1203242      | YH2         | 100                        | 13                         | 5                           | 4                         | 7                            | 3                  |
| M5         | × 0.8       | T1203282      | YH2         | 100                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| M6         | × 1         | T1203312      | YH2         | 100                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| M8         | × 1.25      | T1203363      | YH3         | 100                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | T1203423      | YH3         | 100                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | T1203433      | YH3         | 100                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | T1203504      | YH4         | 100                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | T1203513      | YH3         | 100                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | T1203523      | YH3         | 100                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | T1203544      | YH4         | 100                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | T1203553      | YH3         | 100                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           |                                     |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

HSS

CARBIDE

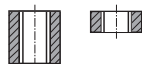

**LONG SHANK  
TAPS**
**T1204 SERIES**

**长柄普通先端丝锥**
**LONG SHANK SPIRAL POINT TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的通孔加工，优异排屑

▶ Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

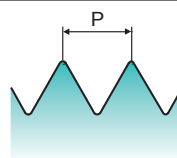
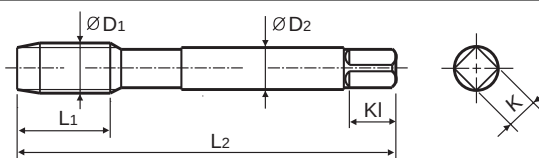
GPLS

YH

5.0P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M8 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 120mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |                 |             |                            |                            |                             |                           |                              |                    |
| M3         | × 0.5       | <b>T1204202</b> | YH2         | 120                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| M4         | × 0.7       | <b>T1204242</b> | YH2         | 120                        | 13                         | 5                           | 4                         | 7                            | 3                  |
| M5         | × 0.8       | <b>T1204282</b> | YH2         | 120                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| M6         | × 1         | <b>T1204312</b> | YH2         | 120                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| M8         | × 1.25      | <b>T1204363</b> | YH3         | 120                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | <b>T1204423</b> | YH3         | 120                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | <b>T1204433</b> | YH3         | 120                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | <b>T1204504</b> | YH4         | 120                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | <b>T1204513</b> | YH3         | 120                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | <b>T1204523</b> | YH3         | 120                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | <b>T1204544</b> | YH4         | 120                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | <b>T1204553</b> | YH3         | 120                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M16        | × 2         | <b>T1204604</b> | YH4         | 120                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M16        | × 1.5       | <b>T1204613</b> | YH3         | 120                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

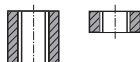
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           |                                     |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        | ○                      |

# M 长柄普通先端丝锥 LONG SHANK SPIRAL POINT TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异排屑

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



**GS**

HSS-EX

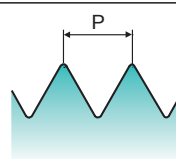
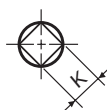
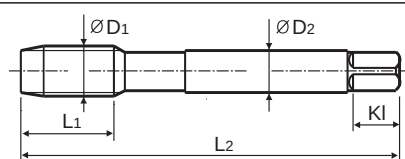
GPLS

YH

5.0P

Homo

► Tap Limits : P.530  
► up to M8 : Male Center  
► Tapping Speeds : P.532



► 150mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |               |             |                            |                            |                             |                           |                              |                    |
| M3         | × 0.5       | T1205202      | YH2         | 150                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| M4         | × 0.7       | T1205242      | YH2         | 150                        | 13                         | 5                           | 4                         | 7                            | 3                  |
| M5         | × 0.8       | T1205282      | YH2         | 150                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| M6         | × 1         | T1205312      | YH2         | 150                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| M8         | × 1.25      | T1205363      | YH3         | 150                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | T1205423      | YH3         | 150                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | T1205433      | YH3         | 150                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | T1205504      | YH4         | 150                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | T1205513      | YH3         | 150                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | T1205523      | YH3         | 150                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | T1205544      | YH4         | 150                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | T1205553      | YH3         | 150                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M16        | × 2         | T1205604      | YH4         | 150                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M16        | × 1.5       | T1205613      | YH3         | 150                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M18        | × 2.5       | T1205654      | YH4         | 150                        | 37                         | 14                          | 11                        | 14                           | 3                  |
| M18        | × 1.5       | T1205674      | YH4         | 150                        | 37                         | 14                          | 11                        | 14                           | 3                  |
| M20        | × 2.5       | T1205704      | YH4         | 150                        | 37                         | 15                          | 12                        | 15                           | 3                  |
| M20        | × 1.5       | T1205724      | YH4         | 150                        | 37                         | 15                          | 12                        | 15                           | 3                  |
| M22        | × 2.5       | T1205744      | YH4         | 150                        | 38                         | 17                          | 13                        | 16                           | 3                  |
| M22        | × 1.5       | T1205764      | YH4         | 150                        | 38                         | 17                          | 13                        | 16                           | 3                  |
| M24        | × 3         | T1205784      | YH4         | 150                        | 45                         | 19                          | 15                        | 18                           | 3                  |
| M24        | × 1.5       | T1205804      | YH4         | 150                        | 45                         | 19                          | 15                        | 18                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

| 低碳钢              | 中碳钢                 | 高碳钢               | 合金钢             | 硬化钢                    | 不锈钢               | 工具钢                | 铸钢         | 铸铁        | 高强度铸铁                  |               |
|------------------|---------------------|-------------------|-----------------|------------------------|-------------------|--------------------|------------|-----------|------------------------|---------------|
| Low Carbon Steel | Medium Carbon Steel | High Carbon Steel | Alloy Steel     | Hardened Steel         | Stainless Steel   | Tool Steel         | Cast Steel | Cast Iron | High Tension Cast Iron |               |
| ~ C0.25          | C0.25 ~ C0.45       | C0.45 ~           | SCM             | HRC25 ~ 45             | SUS               | SKD                | SC         | FC        | FCD                    |               |
| ◎                | ○                   |                   |                 |                        | ○                 | ○                  | ○          |           |                        |               |
| 铜                | 黄铜                  | 铸铜                | 铝轧              | 铸铝                     | 铸镁                | 铸锌                 | 钛合金        | 镍合金       | 热固性塑料                  | 热塑性塑料         |
| Copper           | Brass               | Brass Casting     | Aluminum Rolled | Aluminum Alloy Casting | Magnesium Casting | Zinc Alloy Casting | Ti Alloy   | Ni Alloy  | Thermosetting plastic  | thermoplastic |
| Cu               | Bs                  | PB                | AL              | AC,ADC                 | MC                | ZDC                |            |           |                        |               |
|                  |                     |                   |                 |                        |                   |                    |            |           |                        | ○             |

HSS

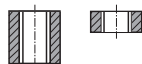
CARBIDE


**LONG SHANK  
TAPS**
**T1206 SERIES**

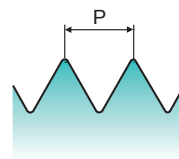
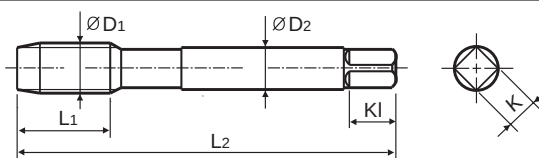
**长柄普通先端丝锥**
**LONG SHANK SPIRAL POINT TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的通孔加工，优异排屑

▶ Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

**Hole type**

**HSS-EX**
**GPLS**
**YH**
**5.0P**
**Homo**

- ▶ Tap Limits : P.530
- ▶ up to M8 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 200mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |                 |             |                            |                            |                             |                           |                              |                    |
| M8         | × 1.25      | <b>T1206363</b> | YH3         | 200                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | <b>T1206423</b> | YH3         | 200                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | <b>T1206433</b> | YH3         | 200                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | <b>T1206504</b> | YH4         | 200                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | <b>T1206513</b> | YH3         | 200                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | <b>T1206523</b> | YH3         | 200                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | <b>T1206544</b> | YH4         | 200                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | <b>T1206553</b> | YH3         | 200                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M16        | × 2         | <b>T1206604</b> | YH4         | 200                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M16        | × 1.5       | <b>T1206613</b> | YH3         | 200                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M18        | × 2.5       | <b>T1206654</b> | YH4         | 200                        | 37                         | 14                          | 11                        | 14                           | 3                  |
| M18        | × 1.5       | <b>T1206674</b> | YH4         | 200                        | 37                         | 14                          | 11                        | 14                           | 3                  |
| M20        | × 2.5       | <b>T1206704</b> | YH4         | 200                        | 37                         | 15                          | 12                        | 15                           | 3                  |
| M20        | × 1.5       | <b>T1206724</b> | YH4         | 200                        | 37                         | 15                          | 12                        | 15                           | 3                  |
| M22        | × 2.5       | <b>T1206744</b> | YH4         | 200                        | 38                         | 17                          | 13                        | 16                           | 3                  |
| M22        | × 1.5       | <b>T1206764</b> | YH4         | 200                        | 38                         | 17                          | 13                        | 16                           | 3                  |
| M24        | × 3         | <b>T1206784</b> | YH4         | 200                        | 45                         | 19                          | 15                        | 18                           | 3                  |
| M24        | × 1.5       | <b>T1206804</b> | YH4         | 200                        | 45                         | 19                          | 15                        | 18                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           |                                     |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        | ○                      |

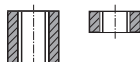


# W 长柄普通先端丝锥 LONG SHANK SPIRAL POINT TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异排屑

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

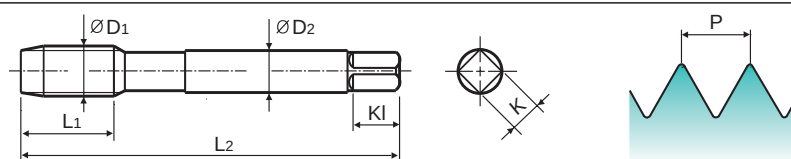
GPLS

JIS II

5.0P

Homo

- Tap Limits : JIS II
- up to 5/16 : Male Center
- Tapping Speeds : P.532



## ► 100mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |               |             |                            |                            |                             |                           |                              |                    |
| W1/8 - 40  |           | T1230202      | JIS II      | 100                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| W3/16 - 24 |           | T1230322      | JIS II      | 100                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| W1/4 - 20  |           | T1230402      | JIS II      | 100                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| W5/16 - 18 |           | T1230442      | JIS II      | 100                        | 22                         | 6.1                         | 5                         | 8                            | 3                  |
| W3/8 - 16  |           | T1230482      | JIS II      | 100                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16 - 14 |           | T1230522      | JIS II      | 100                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2 - 12  |           | T1230562      | JIS II      | 100                        | 29                         | 9                           | 7                         | 10                           | 3                  |

## ► 120mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |               |             |                            |                            |                             |                           |                              |                    |
| W1/8 - 40  |           | T1240202      | JIS II      | 120                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| W3/16 - 24 |           | T1240322      | JIS II      | 120                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| W1/4 - 20  |           | T1240402      | JIS II      | 120                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| W5/16 - 18 |           | T1240442      | JIS II      | 120                        | 22                         | 6.1                         | 5                         | 8                            | 3                  |
| W3/8 - 16  |           | T1240482      | JIS II      | 120                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16 - 14 |           | T1240522      | JIS II      | 120                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2 - 12  |           | T1240562      | JIS II      | 120                        | 29                         | 9                           | 7                         | 10                           | 3                  |
| W9/16 - 12 |           | T1240602      | JIS II      | 120                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| W5/8 - 11  |           | T1240642      | JIS II      | 120                        | 32                         | 12                          | 9                         | 12                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Meduim Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRc25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| ◎                                  | ○                                           |                                     |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        | ○                      |

HSS

CARBIDE


**LONG SHANK  
TAPS**
**T1250** SERIES

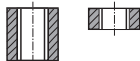
**T1260** SERIES

**长柄普通先端丝锥**
**LONG SHANK SPIRAL POINT TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的通孔加工，优异排屑

▶ Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

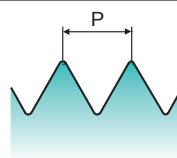
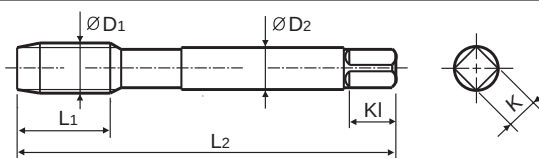
GPLS

JIS II

5.0P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 150mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |                 |             |                            |                            |                             |                           |                              |                    |
| W1/8       | - 40      | <b>T1250202</b> | JIS II      | 150                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| W3/16      | - 24      | <b>T1250322</b> | JIS II      | 150                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| W1/4       | - 20      | <b>T1250402</b> | JIS II      | 150                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| W5/16      | - 18      | <b>T1250442</b> | JIS II      | 150                        | 22                         | 6.1                         | 5                         | 8                            | 3                  |
| W3/8       | - 16      | <b>T1250482</b> | JIS II      | 150                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16      | - 14      | <b>T1250522</b> | JIS II      | 150                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2       | - 12      | <b>T1250562</b> | JIS II      | 150                        | 29                         | 9                           | 7                         | 10                           | 3                  |
| W9/16      | - 12      | <b>T1250602</b> | JIS II      | 150                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| W5/8       | - 11      | <b>T1250642</b> | JIS II      | 150                        | 32                         | 12                          | 9                         | 12                           | 3                  |
| W3/4       | - 10      | <b>T1250702</b> | JIS II      | 150                        | 37                         | 14                          | 11                        | 14                           | 3                  |
| W7/8       | - 9       | <b>T1250742</b> | JIS II      | 150                        | 38                         | 17                          | 13                        | 16                           | 3                  |
| W1"        | - 8       | <b>T1250782</b> | JIS II      | 150                        | 45                         | 20                          | 15                        | 18                           | 3                  |

**▶ 200mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |                 |             |                            |                            |                             |                           |                              |                    |
| W3/8       | - 16      | <b>T1260482</b> | JIS II      | 200                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16      | - 14      | <b>T1260522</b> | JIS II      | 200                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2       | - 12      | <b>T1260562</b> | JIS II      | 200                        | 29                         | 9                           | 7                         | 10                           | 3                  |
| W9/16      | - 12      | <b>T1260602</b> | JIS II      | 200                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| W5/8       | - 11      | <b>T1260642</b> | JIS II      | 200                        | 32                         | 12                          | 9                         | 12                           | 3                  |
| W3/4       | - 10      | <b>T1260702</b> | JIS II      | 200                        | 37                         | 14                          | 11                        | 14                           | 3                  |
| W7/8       | - 9       | <b>T1260742</b> | JIS II      | 200                        | 38                         | 17                          | 13                        | 16                           | 3                  |
| W1"        | - 8       | <b>T1260782</b> | JIS II      | 200                        | 45                         | 20                          | 15                        | 18                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           |                                     |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |



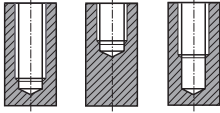
# M 长柄普通螺旋槽丝锥

## LONG SHANK SPIRAL FLUTE TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异的排屑。

► Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups  
**GS**

HSS-EX

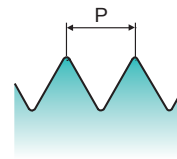
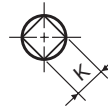
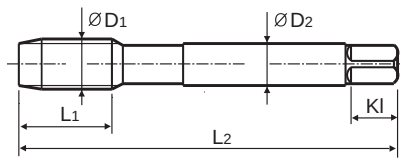
SPLS

YH

2.5P

Homo

► Tap Limits : P.530  
► up to M7 : Male Center  
► Tapping Speeds : P.532



► 100mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |                 |             |                            |                            |                             |                           |                              |                    |
| M3         | × 0.5       | <b>T1103201</b> | YH1         | 100                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| M4         | × 0.7       | <b>T1103242</b> | YH2         | 100                        | 13                         | 5                           | 4                         | 7                            | 3                  |
| M5         | × 0.8       | <b>T1103282</b> | YH2         | 100                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| M6         | × 1         | <b>T1103312</b> | YH2         | 100                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| M8         | × 1.25      | <b>T1103362</b> | YH2         | 100                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | <b>T1103422</b> | YH2         | 100                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | <b>T1103432</b> | YH2         | 100                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | <b>T1103502</b> | YH2         | 100                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | <b>T1103512</b> | YH2         | 100                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | <b>T1103522</b> | YH2         | 100                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | <b>T1103542</b> | YH2         | 100                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | <b>T1103552</b> | YH2         | 100                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRc25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           | ○                                   |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

◎ : 优(Excellent) ○ : 良(Good)

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

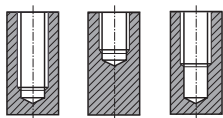
HSS

CARBIDE


**LONG SHANK  
TAPS**
**T1104 SERIES**
**M**
**长柄普通螺旋槽丝锥**
**LONG SHANK SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的通孔加工，优异的排屑。

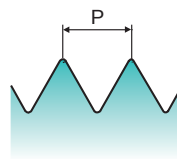
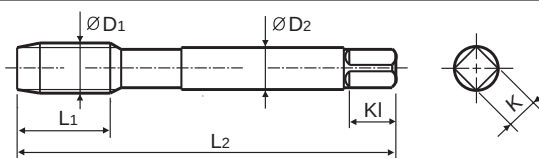
▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

**Hole type**


Material groups

**GS**
**HSS-EX**
**SPLS**
**YH**
**2.5P**
**Homo**

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 120mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |                 |             |                            |                            |                             |                           |                              |                    |
| M3         | × 0.5       | <b>T1104201</b> | YH1         | 120                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| M4         | × 0.7       | <b>T1104242</b> | YH2         | 120                        | 13                         | 5                           | 4                         | 7                            | 3                  |
| M5         | × 0.8       | <b>T1104282</b> | YH2         | 120                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| M6         | × 1         | <b>T1104312</b> | YH2         | 120                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| M8         | × 1.25      | <b>T1104362</b> | YH2         | 120                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | <b>T1104422</b> | YH2         | 120                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | <b>T1104432</b> | YH2         | 120                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | <b>T1104502</b> | YH2         | 120                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | <b>T1104512</b> | YH2         | 120                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | <b>T1104522</b> | YH2         | 120                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | <b>T1104542</b> | YH2         | 120                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | <b>T1104552</b> | YH2         | 120                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M16        | × 2         | <b>T1104602</b> | YH2         | 120                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M16        | × 1.5       | <b>T1104612</b> | YH2         | 120                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

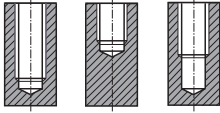
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           | ○                                   |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

# M 长柄普通螺旋槽丝锥 LONG SHANK SPIRAL FLUTE TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异的排屑。

► Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups  
**GS**

HSS-EX

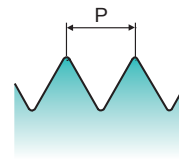
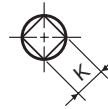
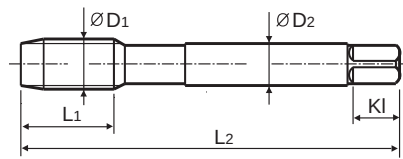
SPLS

YH

2.5P

Homo

► Tap Limits : P.530  
► up to M7 : Male Center  
► Tapping Speeds : P.532



► 150mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |               |             |                            |                            |                             |                           |                              |                    |
| M3         | × 0.5       | T1105201      | YH1         | 150                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| M4         | × 0.7       | T1105242      | YH2         | 150                        | 13                         | 5                           | 4                         | 7                            | 3                  |
| M5         | × 0.8       | T1105282      | YH2         | 150                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| M6         | × 1         | T1105312      | YH2         | 150                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| M8         | × 1.25      | T1105362      | YH2         | 150                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | T1105422      | YH2         | 150                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | T1105432      | YH2         | 150                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | T1105502      | YH2         | 150                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | T1105512      | YH2         | 150                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | T1105522      | YH2         | 150                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | T1105542      | YH2         | 150                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | T1105552      | YH2         | 150                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M16        | × 2         | T1105602      | YH2         | 150                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M16        | × 1.5       | T1105612      | YH2         | 150                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M18        | × 2.5       | T1105653      | YH3         | 150                        | 37                         | 14                          | 11                        | 14                           | 4                  |
| M18        | × 1.5       | T1105672      | YH2         | 150                        | 37                         | 14                          | 11                        | 14                           | 4                  |
| M20        | × 2.5       | T1105703      | YH3         | 150                        | 37                         | 15                          | 12                        | 15                           | 4                  |
| M20        | × 1.5       | T1105723      | YH3         | 150                        | 37                         | 15                          | 12                        | 15                           | 4                  |
| M22        | × 2.5       | T1105743      | YH3         | 150                        | 38                         | 17                          | 13                        | 16                           | 4                  |
| M22        | × 1.5       | T1105763      | YH3         | 150                        | 38                         | 17                          | 13                        | 16                           | 4                  |
| M24        | × 3         | T1105783      | YH3         | 150                        | 45                         | 19                          | 15                        | 18                           | 4                  |
| M24        | × 1.5       | T1105803      | YH3         | 150                        | 45                         | 19                          | 15                        | 18                           | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           | ○                                   |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

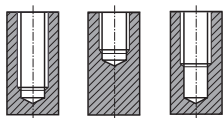
HSS

CARBIDE


**LONG SHANK  
TAPS**
**T1106 SERIES**
**M**
**长柄普通螺旋槽丝锥**
**LONG SHANK SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的通孔加工，优异的排屑。

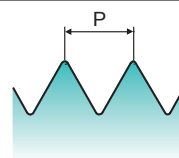
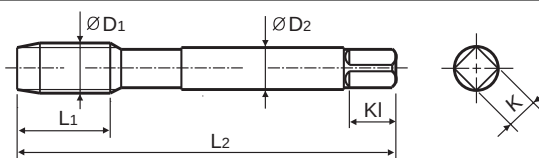
▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

**Hole type**


Material groups

**GS**
**HSS-EX**
**SPLS**
**YH**
**2.5P**
**Homo**

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 200mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        | P           |                 |             |                            |                            |                             |                           |                              |                    |
| M8         | × 1.25      | <b>T1106362</b> | YH2         | 200                        | 22                         | 6.2                         | 5                         | 8                            | 3                  |
| M10        | × 1.5       | <b>T1106422</b> | YH2         | 200                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M10        | × 1.25      | <b>T1106432</b> | YH2         | 200                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| M12        | × 1.75      | <b>T1106502</b> | YH2         | 200                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.5       | <b>T1106512</b> | YH2         | 200                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M12        | × 1.25      | <b>T1106522</b> | YH2         | 200                        | 29                         | 8.5                         | 6.5                       | 9                            | 3                  |
| M14        | × 2         | <b>T1106542</b> | YH2         | 200                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M14        | × 1.5       | <b>T1106552</b> | YH2         | 200                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| M16        | × 2         | <b>T1106602</b> | YH2         | 200                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M16        | × 1.5       | <b>T1106612</b> | YH2         | 200                        | 32                         | 12.5                        | 10                        | 13                           | 3                  |
| M18        | × 2.5       | <b>T1106653</b> | YH3         | 200                        | 37                         | 14                          | 11                        | 14                           | 4                  |
| M18        | × 1.5       | <b>T1106672</b> | YH2         | 200                        | 37                         | 14                          | 11                        | 14                           | 4                  |
| M20        | × 2.5       | <b>T1106703</b> | YH3         | 200                        | 37                         | 15                          | 12                        | 15                           | 4                  |
| M20        | × 1.5       | <b>T1106723</b> | YH3         | 200                        | 37                         | 15                          | 12                        | 15                           | 4                  |
| M22        | × 2.5       | <b>T1106743</b> | YH3         | 200                        | 38                         | 17                          | 13                        | 16                           | 4                  |
| M22        | × 1.5       | <b>T1106763</b> | YH3         | 200                        | 38                         | 17                          | 13                        | 16                           | 4                  |
| M24        | × 3         | <b>T1106783</b> | YH3         | 200                        | 45                         | 19                          | 15                        | 18                           | 4                  |
| M24        | × 1.5       | <b>T1106803</b> | YH3         | 200                        | 45                         | 19                          | 15                        | 18                           | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

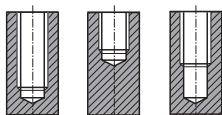
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           | ○                                   |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

# W 长柄普通螺旋槽丝锥 LONG SHANK SPIRAL FLUTE TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异的排屑。

► Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

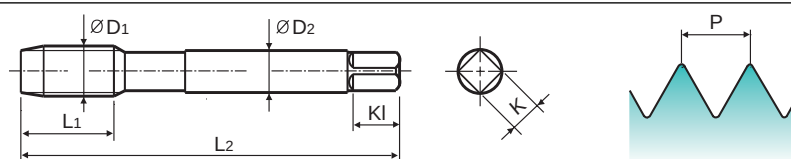
SPLS

JIS II

2.5P

Homo

- Tap Limits : JIS II
- up to 5/16 : Male Center
- Tapping Speeds : P.532



## ► 100mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |               |             |                            |                            |                             |                           |                              |                    |
| W1/8 - 40  |           | T1130202      | JIS II      | 100                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| W3/16 - 24 |           | T1130322      | JIS II      | 100                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| W1/4 - 20  |           | T1130402      | JIS II      | 100                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| W5/16 - 18 |           | T1130442      | JIS II      | 100                        | 22                         | 6.1                         | 5                         | 8                            | 3                  |
| W3/8 - 16  |           | T1130482      | JIS II      | 100                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16 - 14 |           | T1130522      | JIS II      | 100                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2 - 12  |           | T1130562      | JIS II      | 100                        | 29                         | 9                           | 7                         | 10                           | 3                  |

## ► 120mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No. | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|---------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |               |             |                            |                            |                             |                           |                              |                    |
| W1/8 - 40  |           | T1140202      | JIS II      | 120                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| W3/16 - 24 |           | T1140322      | JIS II      | 120                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| W1/4 - 20  |           | T1140402      | JIS II      | 120                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| W5/16 - 18 |           | T1140442      | JIS II      | 120                        | 22                         | 6.1                         | 5                         | 8                            | 3                  |
| W3/8 - 16  |           | T1140482      | JIS II      | 120                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16 - 14 |           | T1140522      | JIS II      | 120                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2 - 12  |           | T1140562      | JIS II      | 120                        | 29                         | 9                           | 7                         | 10                           | 3                  |
| W9/16 - 12 |           | T1140602      | JIS II      | 120                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| W5/8 - 11  |           | T1140642      | JIS II      | 120                        | 32                         | 12                          | 9                         | 12                           | 3                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Meduim Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRc25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           | ○                                   |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

HSS

CARBIDE

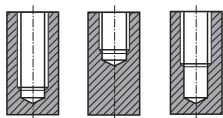

**LONG SHANK  
TAPS**
**T1150** SERIES

**T1160** SERIES

**长柄普通螺旋槽丝锥**
**LONG SHANK SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的通孔加工，优异的排屑。

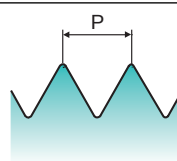
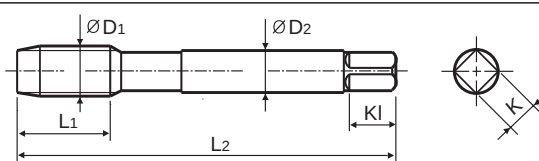
▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

**Hole type**


Material groups

**GS**
**HSS-EX**
**SPLS**
**JIS II**
**2.5P**
**Homo**

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 150mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |                 |             |                            |                            |                             |                           |                              |                    |
| W1/8       | - 40      | <b>T1150202</b> | JIS II      | 150                        | 11                         | 4                           | 3.2                       | 6                            | 3                  |
| W3/16      | - 24      | <b>T1150322</b> | JIS II      | 150                        | 16                         | 5.5                         | 4.5                       | 7                            | 3                  |
| W1/4       | - 20      | <b>T1150402</b> | JIS II      | 150                        | 19                         | 6                           | 4.5                       | 7                            | 3                  |
| W5/16      | - 18      | <b>T1150442</b> | JIS II      | 150                        | 22                         | 6.1                         | 5                         | 8                            | 3                  |
| W3/8       | - 16      | <b>T1150482</b> | JIS II      | 150                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16      | - 14      | <b>T1150522</b> | JIS II      | 150                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2       | - 12      | <b>T1150562</b> | JIS II      | 150                        | 29                         | 9                           | 7                         | 10                           | 3                  |
| W9/16      | - 12      | <b>T1150602</b> | JIS II      | 150                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| W5/8       | - 11      | <b>T1150642</b> | JIS II      | 150                        | 32                         | 12                          | 9                         | 12                           | 3                  |
| W3/4       | - 10      | <b>T1150702</b> | JIS II      | 150                        | 37                         | 14                          | 11                        | 14                           | 4                  |
| W7/8       | - 9       | <b>T1150742</b> | JIS II      | 150                        | 38                         | 17                          | 13                        | 16                           | 4                  |
| W1"        | - 8       | <b>T1150782</b> | JIS II      | 150                        | 45                         | 20                          | 15                        | 18                           | 4                  |

**▶ 200mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No.   | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块 尺寸<br>Square Size<br>K | 方块 长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|---------------------------|------------------------------|--------------------|
| ØD1        |           |                 |             |                            |                            |                             |                           |                              |                    |
| W3/8       | - 16      | <b>T1160482</b> | JIS II      | 200                        | 24                         | 7                           | 5.5                       | 8                            | 3                  |
| W7/16      | - 14      | <b>T1160522</b> | JIS II      | 200                        | 25                         | 8                           | 6                         | 9                            | 3                  |
| W1/2       | - 12      | <b>T1160562</b> | JIS II      | 200                        | 29                         | 9                           | 7                         | 10                           | 3                  |
| W9/16      | - 12      | <b>T1160602</b> | JIS II      | 200                        | 30                         | 10.5                        | 8                         | 11                           | 3                  |
| W5/8       | - 11      | <b>T1160642</b> | JIS II      | 200                        | 32                         | 12                          | 9                         | 12                           | 3                  |
| W3/4       | - 10      | <b>T1160702</b> | JIS II      | 200                        | 37                         | 14                          | 11                        | 14                           | 4                  |
| W7/8       | - 9       | <b>T1160742</b> | JIS II      | 200                        | 38                         | 17                          | 13                        | 16                           | 4                  |
| W1"        | - 8       | <b>T1160782</b> | JIS II      | 200                        | 45                         | 20                          | 15                        | 18                           | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ◎                                  | ○                                           | ○                                   |                             |                                        | ○                             | ○                               | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       | ○                                      |                        |

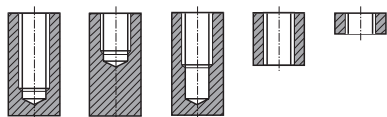


# M 长柄普通直槽丝锥 LONG SHANK STRAIGHT FLUTE TAPS for GENERAL PURPOSE

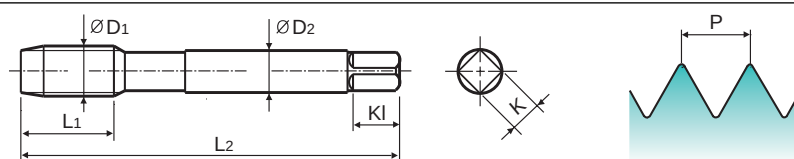
► 适用于碳钢和合金钢的盲孔和通孔加工，优异的排屑。

► Suitable for tapping Blind & Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil stste.

Hole type



► Tap Limits : P.530  
► up to M7 : Male Center  
► Tapping Speeds : P.532



► 100mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No. |          | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|---------------|----------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        | P           | 1.5P          | 5.0P     |             |                            |                            |                             |                          |                             |                    |
| M3         | × 0.5       | T1323201      | T1303201 | YH1         | 100                        | 11                         | 4                           | 3.2                      | 6                           | 3                  |
| M4         | × 0.7       | T1323242      | T1303242 | YH2         | 100                        | 13                         | 5                           | 4                        | 7                           | 3                  |
| M5         | × 0.8       | T1323282      | T1303282 | YH2         | 100                        | 16                         | 5.5                         | 4.5                      | 7                           | 3                  |
| M6         | × 1         | T1323312      | T1303312 | YH2         | 100                        | 19                         | 6                           | 4.5                      | 7                           | 3                  |
| M8         | × 1.25      | T1323362      | T1303362 | YH2         | 100                        | 22                         | 6.2                         | 5                        | 8                           | 4                  |
| M10        | × 1.5       | T1323422      | T1303422 | YH2         | 100                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M10        | × 1.25      | T1323432      | T1303432 | YH2         | 100                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M12        | × 1.75      | T1323502      | T1303502 | YH2         | 100                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12        | × 1.5       | T1323512      | T1303512 | YH2         | 100                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12        | × 1.25      | T1323522      | T1303522 | YH2         | 100                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M14        | × 2         | T1323542      | T1303542 | YH2         | 100                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M14        | × 1.5       | T1323552      | T1303552 | YH2         | 100                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |

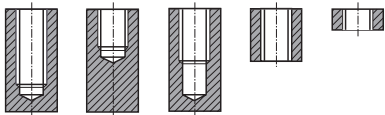
|                  |                     |                   |                 |                        |                   |                    |            |           |                        |               |
|------------------|---------------------|-------------------|-----------------|------------------------|-------------------|--------------------|------------|-----------|------------------------|---------------|
| 低碳钢              | 中碳钢                 | 高碳钢               | 合金钢             | 硬化钢                    | 不锈钢               | 工具钢                | 铸钢         | 铸铁        | 高强度铸铁                  |               |
| Low Carbon Steel | Medium Carbon Steel | High Carbon Steel | Alloy Steel     | Hardened Steel         | Stainless Steel   | Tool Steel         | Cast Steel | Cast Iron | High Tension Cast Iron |               |
| ~ C0.25          | C0.25 ~ C0.45       | C0.45 ~           | SCM             | HRC25 ~ 45             | SUS               | SKD                | SC         | FC        | FCD                    |               |
| ○                |                     |                   | ○               |                        | ○                 |                    | ○          |           |                        |               |
| 铜                | 黄铜                  | 铸铜                | 铝轧              | 铸铝                     | 铸镁                | 铸锌                 | 钛合金        | 镍合金       | 热固性塑料                  | 热塑性塑料         |
| Copper           | Brass               | Brass Casting     | Aluminum Rolled | Aluminum Alloy Casting | Magnesium Casting | Zinc Alloy Casting | Ti Alloy   | Ni Alloy  | Thermosetting plastic  | thermoplastic |
| Cu               | Bs                  | PB                | AL              | AC,ADC                 | MC                | ZDC                |            |           |                        |               |
|                  |                     |                   |                 |                        |                   |                    |            |           |                        |               |


**长柄普通直槽丝锥**
**LONG SHANK STRAIGHT FLUTE TAPS for GENERAL PURPOSE**

► 适用于碳钢和合金钢的盲孔和通孔加工，优异的排屑。

► Suitable for tapping Blind & Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

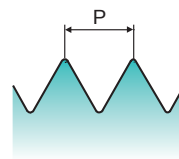
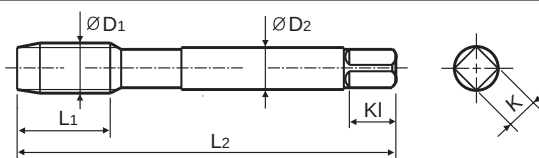
Hole type



Material groups

**GS**
**HSS-EX**
**STLS**
**YH**
**1.5P/5.0P**
**Homo**

- Tap Limits : P.530
- up to M7 : Male Center
- Tapping Speeds : P.532


**120mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No.   |                 | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>K1 | 槽数<br>No. of Flute |
|------------|-------------|-----------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        | P           | 1.5P            | 5.0P            |             |                            |                            |                             |                          |                             |                    |
| M3 × 0.5   |             | <b>T1324201</b> | <b>T1304201</b> | YH1         | 120                        | 11                         | 4                           | 3.2                      | 6                           | 3                  |
| M4 × 0.7   |             | <b>T1324242</b> | <b>T1304242</b> | YH2         | 120                        | 13                         | 5                           | 4                        | 7                           | 3                  |
| M5 × 0.8   |             | <b>T1324282</b> | <b>T1304282</b> | YH2         | 120                        | 16                         | 5.5                         | 4.5                      | 7                           | 3                  |
| M6 × 1     |             | <b>T1324312</b> | <b>T1304312</b> | YH2         | 120                        | 19                         | 6                           | 4.5                      | 7                           | 3                  |
| M8 × 1.25  |             | <b>T1324362</b> | <b>T1304362</b> | YH2         | 120                        | 22                         | 6.2                         | 5                        | 8                           | 4                  |
| M10 × 1.5  |             | <b>T1324422</b> | <b>T1304422</b> | YH2         | 120                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M10 × 1.25 |             | <b>T1324432</b> | <b>T1304432</b> | YH2         | 120                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M12 × 1.75 |             | <b>T1324502</b> | <b>T1304502</b> | YH2         | 120                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12 × 1.5  |             | <b>T1324512</b> | <b>T1304512</b> | YH2         | 120                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12 × 1.25 |             | <b>T1324522</b> | <b>T1304522</b> | YH2         | 120                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M14 × 2    |             | <b>T1324542</b> | <b>T1304542</b> | YH2         | 120                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M14 × 1.5  |             | <b>T1324552</b> | <b>T1304552</b> | YH2         | 120                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M16 × 2    |             | <b>T1324602</b> | <b>T1304602</b> | YH2         | 120                        | 32                         | 12.5                        | 10                       | 13                          | 4                  |
| M16 × 1.5  |             | <b>T1324612</b> | <b>T1304612</b> | YH2         | 120                        | 32                         | 12.5                        | 10                       | 13                          | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

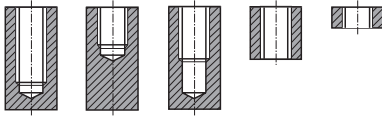
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ○                                  |                                             |                                     | ○                           |                                        | ○                             |                                 | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |

# M 长柄普通直槽丝锥 LONG SHANK STRAIGHT FLUTE TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的盲孔和通孔加工，优异的排屑。

► Suitable for tapping Blind & Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil stste.

Hole type

Material groups  
**GS**

HSS-EX

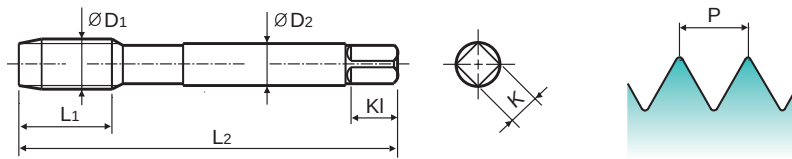
STLS

YH

1.5P / 5.0P

Homo

- Tap Limits : P.530
- up to M7 : Male Center
- Tapping Speeds : P.532



► 150mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No. |          | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-------------|---------------|----------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        | P           | 1.5P          | 5.0P     |             |                            |                            |                             |                          |                             |                    |
| M3         | × 0.5       | T1325201      | T1305201 | YH1         | 150                        | 11                         | 4                           | 3.2                      | 6                           | 3                  |
| M4         | × 0.7       | T1325242      | T1305242 | YH2         | 150                        | 13                         | 5                           | 4                        | 7                           | 3                  |
| M5         | × 0.8       | T1325282      | T1305282 | YH2         | 150                        | 16                         | 5.5                         | 4.5                      | 7                           | 3                  |
| M6         | × 1         | T1325312      | T1305312 | YH2         | 150                        | 19                         | 6                           | 4.5                      | 7                           | 3                  |
| M8         | × 1.25      | T1325362      | T1305362 | YH2         | 150                        | 22                         | 6.2                         | 5                        | 8                           | 4                  |
| M10        | × 1.5       | T1325422      | T1305422 | YH2         | 150                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M10        | × 1.25      | T1325432      | T1305432 | YH2         | 150                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M12        | × 1.75      | T1325502      | T1305502 | YH2         | 150                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12        | × 1.5       | T1325512      | T1305512 | YH2         | 150                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12        | × 1.25      | T1325522      | T1305522 | YH2         | 150                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M14        | × 2         | T1325542      | T1305542 | YH2         | 150                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M14        | × 1.5       | T1325552      | T1305552 | YH2         | 150                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M16        | × 2         | T1325602      | T1305602 | YH2         | 150                        | 32                         | 12.5                        | 10                       | 13                          | 4                  |
| M16        | × 1.5       | T1325612      | T1305612 | YH2         | 150                        | 32                         | 12.5                        | 10                       | 13                          | 4                  |
| M18        | × 2.5       | T1325653      | T1305653 | YH3         | 150                        | 37                         | 14                          | 11                       | 14                          | 4                  |
| M18        | × 1.5       | T1325672      | T1305672 | YH2         | 150                        | 37                         | 14                          | 11                       | 14                          | 4                  |
| M20        | × 2.5       | T1325703      | T1305703 | YH3         | 150                        | 37                         | 15                          | 12                       | 15                          | 4                  |
| M20        | × 1.5       | T1325723      | T1305723 | YH3         | 150                        | 37                         | 15                          | 12                       | 15                          | 4                  |
| M22        | × 2.5       | T1325743      | T1305743 | YH3         | 150                        | 38                         | 17                          | 13                       | 16                          | 4                  |
| M22        | × 1.5       | T1325763      | T1305763 | YH3         | 150                        | 38                         | 17                          | 13                       | 16                          | 4                  |
| M24        | × 3         | T1325783      | T1305783 | YH3         | 150                        | 45                         | 19                          | 15                       | 18                          | 4                  |
| M24        | × 1.5       | T1325803      | T1305803 | YH3         | 150                        | 45                         | 19                          | 15                       | 18                          | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

|                  |                     |                   |                 |                        |                   |                    |            |           |                        |               |
|------------------|---------------------|-------------------|-----------------|------------------------|-------------------|--------------------|------------|-----------|------------------------|---------------|
| 低碳钢              | 中碳钢                 | 高碳钢               | 合金钢             | 硬化钢                    | 不锈钢               | 工具钢                | 铸钢         | 铸铁        | 高强度铸铁                  |               |
| Low Carbon Steel | Medium Carbon Steel | High Carbon Steel | Alloy Steel     | Hardened Steel         | Stainless Steel   | Tool Steel         | Cast Steel | Cast Iron | High Tension Cast Iron |               |
| ~ C0.25          | C0.25 ~ C0.45       | C0.45 ~           | SCM             | HRc25 ~ 45             | SUS               | SKD                | SC         | FC        | FCD                    |               |
| ○                |                     |                   | ○               |                        | ○                 |                    | ○          |           |                        |               |
| 铜                | 黄铜                  | 铸铜                | 铝轧              | 铸铝                     | 铸镁                | 铸锌                 | 钛合金        | 镍合金       | 热固性塑料                  | 热塑性塑料         |
| Copper           | Brass               | Brass Casting     | Aluminum Rolled | Aluminum Alloy Casting | Magnesium Casting | Zinc Alloy Casting | Ti Alloy   | Ni Alloy  | Thermosetting plastic  | thermoplastic |
| Cu               | Bs                  | PB                | AL              | AC,ADC                 | MC                | ZDC                |            |           |                        |               |
|                  |                     |                   |                 |                        |                   |                    |            |           |                        |               |

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

HSS

CARBIDE

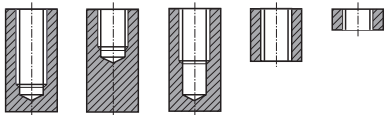

**LONG SHANK  
TAPS**
**T1326** SERIES

**T1306** SERIES

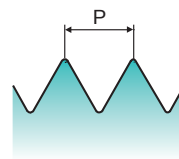
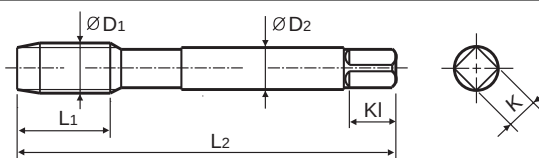
**M**
**长柄普通直槽丝锥**
**LONG SHANK STRAIGHT FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔和通孔加工，优异的排屑。

▶ Suitable for tapping Blind &amp; Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

**Hole type**

**GS**
**HSS-EX**
**STLS**
**YH**
**1.5P/5.0P**
**Homo**

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 200mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>Pitch | 型号<br>EDP No. |          | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>K1 | 槽数<br>No. of Flute |
|------------|-------------|---------------|----------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        | P           | 1.5P          | 5.0P     |             |                            |                            |                             |                          |                             |                    |
| M8         | × 1.25      | T1326362      | T1306362 | YH2         | 200                        | 22                         | 6.2                         | 5                        | 8                           | 4                  |
| M10        | × 1.5       | T1326422      | T1306422 | YH2         | 200                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M10        | × 1.25      | T1326432      | T1306432 | YH2         | 200                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| M12        | × 1.75      | T1326502      | T1306502 | YH2         | 200                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12        | × 1.5       | T1326512      | T1306512 | YH2         | 200                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M12        | × 1.25      | T1326522      | T1306522 | YH2         | 200                        | 29                         | 8.5                         | 6.5                      | 9                           | 4                  |
| M14        | × 2         | T1326542      | T1306542 | YH2         | 200                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M14        | × 1.5       | T1326552      | T1306552 | YH2         | 200                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| M16        | × 2         | T1326602      | T1306602 | YH2         | 200                        | 32                         | 12.5                        | 10                       | 13                          | 4                  |
| M16        | × 1.5       | T1326612      | T1306612 | YH2         | 200                        | 32                         | 12.5                        | 10                       | 13                          | 4                  |
| M18        | × 2.5       | T1326653      | T1306653 | YH3         | 200                        | 37                         | 14                          | 11                       | 14                          | 4                  |
| M18        | × 1.5       | T1326672      | T1306672 | YH2         | 200                        | 37                         | 14                          | 11                       | 14                          | 4                  |
| M20        | × 2.5       | T1326703      | T1306703 | YH3         | 200                        | 37                         | 15                          | 12                       | 15                          | 4                  |
| M20        | × 1.5       | T1326723      | T1306723 | YH3         | 200                        | 37                         | 15                          | 12                       | 15                          | 4                  |
| M22        | × 2.5       | T1326743      | T1306743 | YH3         | 200                        | 38                         | 17                          | 13                       | 16                          | 4                  |
| M22        | × 1.5       | T1326763      | T1306763 | YH3         | 200                        | 38                         | 17                          | 13                       | 16                          | 4                  |
| M24        | × 3         | T1326783      | T1306783 | YH3         | 200                        | 45                         | 19                          | 15                       | 18                          | 4                  |
| M24        | × 1.5       | T1326803      | T1306803 | YH3         | 200                        | 45                         | 19                          | 15                       | 18                          | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ○                                  |                                             |                                     | ○                           |                                        | ○                             |                                 | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |

450 • phone:+82-32-526-0909, fax:+82-32-526-4373, www.yg1.kr, E-mail:yg1@yg1.kr

YG-1 CO., LTD.



T1331 SERIES

T1330 SERIES

T1341 SERIES

T1340 SERIES

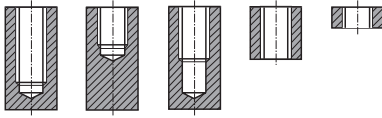
# W 长柄普通直槽丝锥

## LONG SHANK STRAIGHT FLUTE TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的盲孔和通孔加工，优异的排屑。

► Suitable for tapping Blind & Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

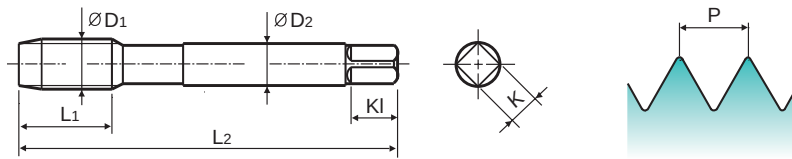
STLS

JIS II

1.5P / 5.0P

Homo

- Tap Limits : JIS II
- up to 5/16 : Male Center
- Tapping Speeds : P.532



### ► 100mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No. |          | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|---------------|----------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        |           | 1.5P          | 5.0P     |             |                            |                            |                             |                          |                             |                    |
| W1/8 - 40  |           | T1331202      | T1330202 | JIS II      | 100                        | 11                         | 4                           | 3.2                      | 6                           | 3                  |
| W3/16 - 24 |           | T1331322      | T1330322 | JIS II      | 100                        | 16                         | 5.5                         | 4.5                      | 7                           | 3                  |
| W1/4 - 20  |           | T1331402      | T1330402 | JIS II      | 100                        | 19                         | 6                           | 4.5                      | 7                           | 3                  |
| W5/16 - 18 |           | T1331442      | T1330442 | JIS II      | 100                        | 22                         | 6.1                         | 5                        | 8                           | 4                  |
| W3/8 - 16  |           | T1331482      | T1330482 | JIS II      | 100                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| W7/16 - 14 |           | T1331522      | T1330522 | JIS II      | 100                        | 25                         | 8                           | 6                        | 9                           | 4                  |
| W1/2 - 12  |           | T1331562      | T1330562 | JIS II      | 100                        | 29                         | 9                           | 7                        | 10                          | 4                  |

### ► 120mm

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No. |          | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|---------------|----------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        |           | 1.5P          | 5.0P     |             |                            |                            |                             |                          |                             |                    |
| W1/8 - 40  |           | T1341202      | T1340202 | JIS II      | 120                        | 11                         | 4                           | 3.2                      | 6                           | 3                  |
| W3/16 - 24 |           | T1341322      | T1340322 | JIS II      | 120                        | 16                         | 5.5                         | 4.5                      | 7                           | 3                  |
| W1/4 - 20  |           | T1341402      | T1340402 | JIS II      | 120                        | 19                         | 6                           | 4.5                      | 7                           | 3                  |
| W5/16 - 18 |           | T1341442      | T1340442 | JIS II      | 120                        | 22                         | 6.1                         | 5                        | 8                           | 4                  |
| W3/8 - 16  |           | T1341482      | T1340482 | JIS II      | 120                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| W7/16 - 14 |           | T1341522      | T1340522 | JIS II      | 120                        | 25                         | 8                           | 6                        | 9                           | 4                  |
| W1/2 - 12  |           | T1341562      | T1340562 | JIS II      | 120                        | 29                         | 9                           | 7                        | 10                          | 4                  |
| W9/16 - 12 |           | T1341602      | T1340602 | JIS II      | 120                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| W5/8 - 11  |           | T1341642      | T1340642 | JIS II      | 120                        | 32                         | 12                          | 9                        | 12                          | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRc25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ○                                  |                                             |                                     | ○                           |                                        | ○                             |                                 | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

HSS

CARBIDE


**LONG SHANK  
TAPS**
**T1351** SERIES

**T1350** SERIES

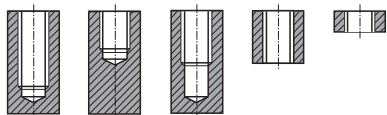
**T1361** SERIES

**T1360** SERIES

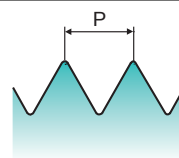
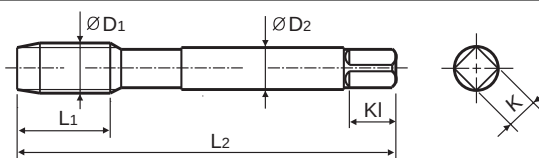
**长柄普通直槽丝锥**
**LONG SHANK STRAIGHT FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔和通孔加工，优异的排屑。

▶ Suitable for tapping Blind &amp; Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

**Hole type**

**HSS-EX**
**STLS**
**JIS II**
**1.5P/5.0P**
**Homo**

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532


**▶ 150mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No.   |                 | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|-----------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        |           | 1.5P            | 5.0P            |             |                            |                            |                             |                          |                             |                    |
| W1/8       | - 40      | <b>T1351202</b> | <b>T1350202</b> | JIS II      | 150                        | 11                         | 4                           | 3.2                      | 6                           | 3                  |
| W3/16      | - 24      | <b>T1351322</b> | <b>T1350322</b> | JIS II      | 150                        | 16                         | 5.5                         | 4.5                      | 7                           | 3                  |
| W1/4       | - 20      | <b>T1351402</b> | <b>T1350402</b> | JIS II      | 150                        | 19                         | 6                           | 4.5                      | 7                           | 3                  |
| W5/16      | - 18      | <b>T1351442</b> | <b>T1350442</b> | JIS II      | 150                        | 22                         | 6.1                         | 5                        | 8                           | 4                  |
| W3/8       | - 16      | <b>T1351482</b> | <b>T1350482</b> | JIS II      | 150                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| W7/16      | - 14      | <b>T1351522</b> | <b>T1350522</b> | JIS II      | 150                        | 25                         | 8                           | 6                        | 9                           | 4                  |
| W1/2       | - 12      | <b>T1351562</b> | <b>T1350562</b> | JIS II      | 150                        | 29                         | 9                           | 7                        | 10                          | 4                  |
| W9/16      | - 12      | <b>T1351602</b> | <b>T1350602</b> | JIS II      | 150                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| W5/8       | - 11      | <b>T1351642</b> | <b>T1350642</b> | JIS II      | 150                        | 32                         | 12                          | 9                        | 12                          | 4                  |
| W3/4       | - 10      | <b>T1351702</b> | <b>T1350702</b> | JIS II      | 150                        | 37                         | 14                          | 11                       | 14                          | 4                  |
| W7/8       | - 9       | <b>T1351742</b> | <b>T1350742</b> | JIS II      | 150                        | 38                         | 17                          | 13                       | 16                          | 4                  |
| W1"        | - 8       | <b>T1351782</b> | <b>T1350782</b> | JIS II      | 150                        | 45                         | 20                          | 15                       | 18                          | 4                  |

**▶ 200mm**

单位(Unit) : mm

| 尺寸<br>SIZE | 牙距<br>TPI | 型号<br>EDP No.   |                 | 精度<br>Limit | 全长<br>Overall Length<br>L2 | 螺纹长<br>Thread Length<br>L1 | 柄径<br>Shank Diameter<br>ØD2 | 方块尺寸<br>Square Size<br>K | 方块长度<br>Square Length<br>KI | 槽数<br>No. of Flute |
|------------|-----------|-----------------|-----------------|-------------|----------------------------|----------------------------|-----------------------------|--------------------------|-----------------------------|--------------------|
| ØD1        |           | 1.5P            | 5.0P            |             |                            |                            |                             |                          |                             |                    |
| W3/8       | - 16      | <b>T1361482</b> | <b>T1360482</b> | JIS II      | 200                        | 24                         | 7                           | 5.5                      | 8                           | 4                  |
| W7/16      | - 14      | <b>T1361522</b> | <b>T1360522</b> | JIS II      | 200                        | 25                         | 8                           | 6                        | 9                           | 4                  |
| W1/2       | - 12      | <b>T1361562</b> | <b>T1360562</b> | JIS II      | 200                        | 29                         | 9                           | 7                        | 10                          | 4                  |
| W9/16      | - 12      | <b>T1361602</b> | <b>T1360602</b> | JIS II      | 200                        | 30                         | 10.5                        | 8                        | 11                          | 4                  |
| W5/8       | - 11      | <b>T1361642</b> | <b>T1360642</b> | JIS II      | 200                        | 32                         | 12                          | 9                        | 12                          | 4                  |
| W3/4       | - 10      | <b>T1361702</b> | <b>T1360702</b> | JIS II      | 200                        | 37                         | 14                          | 11                       | 14                          | 4                  |
| W7/8       | - 9       | <b>T1361742</b> | <b>T1360742</b> | JIS II      | 200                        | 38                         | 17                          | 13                       | 16                          | 4                  |
| W1"        | - 8       | <b>T1361782</b> | <b>T1360782</b> | JIS II      | 200                        | 45                         | 20                          | 15                       | 18                          | 4                  |

◎ : 优(Excellent) ○ : 良(Good)

|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |
|------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------|----------------------------------------|-------------------------------|---------------------------------|------------------------|-----------------------|----------------------------------------|------------------------|
| 低碳钢<br>Low Carbon Steel<br>~ C0.25 | 中碳钢<br>Medium Carbon Steel<br>C0.25 ~ C0.45 | 高碳钢<br>High Carbon Steel<br>C0.45 ~ | 合金钢<br>Alloy Steel<br>SCM   | 硬化钢<br>Hardened Steel<br>HRC25 ~ 45    | 不锈钢<br>Stainless Steel<br>SUS | 工具钢<br>Tool Steel<br>SKD        | 铸钢<br>Cast Steel<br>SC | 铸铁<br>Cast Iron<br>FC | 高强度铸铁<br>High Tension Cast Iron<br>FCD |                        |
| ○                                  |                                             |                                     | ○                           |                                        | ○                             |                                 | ○                      |                       |                                        |                        |
| 铜<br>Copper<br>Cu                  | 黄铜<br>Brass<br>Bs                           | 铸铜<br>Brass Casting<br>PB           | 铝轧<br>Aluminum Rolled<br>AL | 铸铝<br>Aluminum Alloy Casting<br>AC,ADC | 铸镁<br>Magnesium Casting<br>MC | 铸锌<br>Zinc Alloy Casting<br>ZDC | 钛合金<br>Ti Alloy        | 镍合金<br>Ni Alloy       | 热固性塑料<br>Thermosetting plastic         | 热塑性塑料<br>thermoplastic |
|                                    |                                             |                                     |                             |                                        |                               |                                 |                        |                       |                                        |                        |