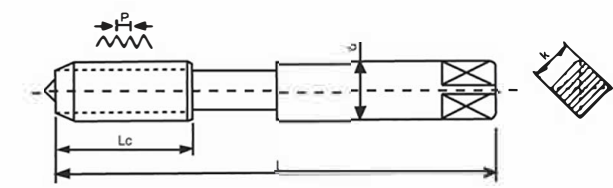


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**国标直槽丝锥**  
**GB(ISO)Taps with enforced shank**  
Conform to GB/T3464.1-94,equal to ISO527-1975  
M2 HSS  
For manual and machine  
For through holes or blind holes



**Taps Series丝锥系列**  
材料: 高速钢、合金钢、碳钢  
Material:HSS-M2,HSS-M35  
Alloy steel,Carbon steel

| M        | P(mm) | L(mm) | Lc(mm) | d(mm) | k(mm) | Hole(mm) | Tap limits |
|----------|-------|-------|--------|-------|-------|----------|------------|
| M3       | 0.5   | 48    | 11     | 2.24  | 1.8   | 2.5      | H1 H2 H3   |
| M4       | 0.7   | 53    | 13     | 3.15  | 2.5   | 3.3      | H1 H2 H3   |
| M5       | 0.8   | 58    | 16     | 4.0   | 3.15  | 4.2      | H1 H2 H3   |
| M6       | 1.0   | 66    | 19     | 4.5   | 3.55  | 5.0      | H1 H2 H3   |
| M6x0.75  | 0.75  |       |        |       |       | 5.25     |            |
| M8       | 1.25  | 72    | 22     | 6.3   | 5.0   | 6.7      | H1 H2 H3   |
| M8x10    | 1.0   |       |        |       |       | 7.0      |            |
| M10      | 1.5   | 80    | 24     | 8.0   | 6.3   | 8.5      | H1 H2 H3   |
| M10x1.25 | 1.25  |       |        |       |       | 8.75     |            |
| M10x1.0  | 1.0   |       |        |       |       | 9.0      |            |
| M12      | 1.75  | 89    | 29     | 9.0   | 7.1   | 10.25    | H1 H2 H3   |
| M12x1.25 | 1.25  |       |        |       |       | 10.75    |            |
| M12x1.0  | 1.0   |       |        |       |       | 11.0     |            |
| M14      | 2.0   | 95    | 30     | 11.2  | 9.0   | 12.0     | H1 H2 H3   |
| M14x1.5  | 1.5   |       |        |       |       | 12.5     |            |
| M14x1.0  | 1.0   |       |        |       |       | 13.0     |            |
| M16      | 2.0   | 102   | 32     | 12.5  | 10    | 14.0     | H1 H2 H3   |
| M16x1.5  | 1.5   |       |        |       |       | 14.5     |            |
| M16x1.0  | 1.0   |       |        |       |       | 15.0     |            |
| M18      | 2.5   | 112   | 37     | 14    | 11.2  | 15.5     | H1 H2 H3   |
| M18x1.5  | 1.5   |       |        |       |       | 16.5     |            |
| M18x1.0  | 1.0   |       |        |       |       | 17.0     |            |
| M20      | 2.5   | 112   | 37     | 14    | 11.2  | 17.5     | H1 H2 H3   |
| M20x2.0  | 2.0   |       |        |       |       | 18.0     |            |
| M20x1.5  | 1.5   |       |        |       |       | 18.5     |            |
| M20x1.0  | 1.0   |       |        |       |       | 19.0     |            |
| M22      | 2.5   | 118   | 38     | 16    | 12.5  | 19.5     | H1 H2 H3   |
| M22x2.0  | 2.0   |       |        |       |       | 20.0     |            |
| M22x1.5  | 1.5   |       |        |       |       | 20.5     |            |
| M22x1.0  | 1.0   | 109   | 34     | 16    | 12.5  | 21.0     |            |



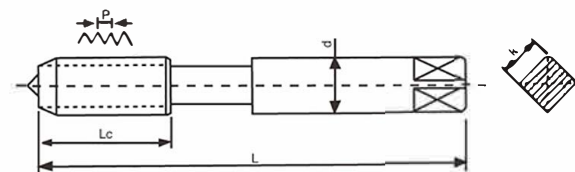
### 国标直槽丝锥

#### GB(ISO)Taps with enforced shank

Conform to GB/T3464.1-94, equal to ISO527-1975

For manual and machine

For through holes or blind holes



材料: 高速钢、合金钢、碳钢

Material: HSS-M2, HSS-M35

Alloy steel, Carbon steel

| M         | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|-----------|-------|-------|--------|-------|-------|----------|------------|
| M24       | 3.0   | 130   | 45     | 18    | 14    | 21.0     | H1 H2 H3   |
| M24 × 2.0 | 2.0   |       |        |       |       | 22.0     |            |
| M24 × 1.5 | 1.5   |       |        |       |       | 22.5     |            |
| M24 × 1.0 | 1.0   | 114   | 24     | 20    | 16    | 23.0     | H1 H2 H3   |
| M27       | 3.0   | 125   | 25     |       |       | 24.0     |            |
| M27 × 2.0 | 2.0   | 127   | 37     |       |       | 25.0     |            |
| M30       | 3.5   | 128   | 48     | 20    | 16    | 26.0     | H1 H2 H3   |
| M30 × 2.0 | 2.0   | 127   | 37     |       |       | 28.0     |            |
| M30 × 1.5 | 1.5   |       |        |       |       | 28.5     |            |
| M32 × 1.5 | 1.5   | 137   | 37     | 22.4  | 18    | 30.5     | H1 H2 H3   |
| M33       | 3.5   | 151   | 51     | 22.4  | 18    | 29.5     | H1 H2 H3   |
| M35 × 1.5 | 1.5   | 144   | 39     | 25    | 20    | 33.5     | H1 H2 H3   |
| M36       | 4.0   | 162   | 57     | 25    | 20    | 32.0     | H1 H2 H3   |
| M36 × 1.5 | 1.5   | 144   | 39     |       |       | 34.5     |            |
| M39       | 4.0   | 170   | 60     | 28    | 22.4  | 35.0     | H1 H2 H3   |
| M40 × 1.5 | 1.5   | 149   | 39     | 28    | 22.4  | 38.5     | H1 H2 H3   |
| M42       | 4.5   | 170   | 60     | 28    | 22.4  | 37.5     | H1 H2 H3   |
| M42 × 1.5 | 1.5   | 149   | 39     |       |       | 40.5     |            |
| M45       | 4.5   | 187   | 67     | 31.5  | 25    | 40.5     | H1 H2 H3   |
| M45 × 1.5 | 1.5   | 165   | 45     | 28    | 22.4  | 43.5     |            |
| M48       | 5.0   | 187   | 67     | 31.5  | 25    | 43.0     | H1 H2 H3   |
| M48 × 1.5 | 1.5   | 165   | 45     |       |       | 46.5     |            |
| M50 × 1.5 | 1.5   | 165   | 45     | 31.5  | 25    | 48.5     | H1 H2 H3   |
| M52       | 5.0   | 200   | 70     | 35.5  | 28    | 47.0     | H1 H2 H3   |
| M52 × 1.5 | 1.5   | 175   | 45     |       |       | 50.5     |            |

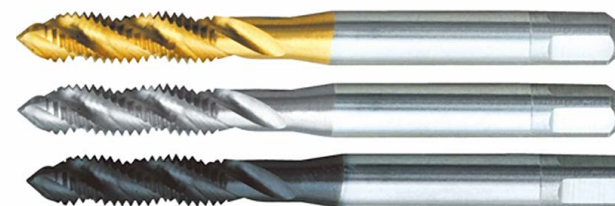
Up to M6: With male center

P ≤ 2.5mm: Both one piece and 3 of set are available

One piece with chamfer of 3.5P, 2P

3 of set with chamfers 8P, 4P, 2P

P > 2.5mm: 3 of set with chamfers 8P, 4P, 2P are available



### 螺旋槽丝锥

#### Spiral Fluted Tap with straight shank

Conform to GB/T3464.1-94, equal to ISO527-1975

M2 HSS

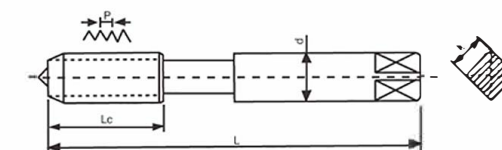
M35 HSS-E, Coatings, available for specified requirements

For machine

Good cutting action, high speeding

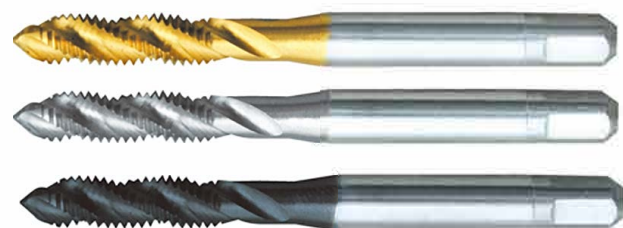
| M        | P(mm) | L(mm) | Lc(mm) | d(mm) | k(mm) | Hole(mm) | Tap limits |
|----------|-------|-------|--------|-------|-------|----------|------------|
| M3       | 0.5   | 48    | 11     | 2.24  | 1.8   | 2.5      | H1 H2 H3   |
| M4       | 0.7   | 53    | 13     | 3.15  | 2.5   | 3.3      | H1 H2 H3   |
| M5       | 0.8   | 58    | 16     | 4.0   | 3.15  | 4.2      | H1 H2 H3   |
| M6       | 1.0   | 66    | 19     | 4.5   | 3.55  | 5.0      | H1 H2 H3   |
| M6x0.75  | 0.75  |       |        |       |       | 5.25     |            |
| M8       | 1.25  | 72    | 22     | 6.3   | 5.0   | 6.7      | H1 H2 H3   |
| M8x1.0   | 1.0   |       |        |       |       | 7.0      |            |
| M10      | 1.5   | 80    | 24     | 8.0   | 6.3   | 8.5      | H1 H2 H3   |
| M10x1.25 | 1.25  |       |        |       |       | 8.75     |            |
| M10x1.0  | 1.0   |       |        |       |       | 9.0      |            |
| M12      | 1.75  | 89    | 29     | 9.0   | 7.1   | 10.25    | H1 H2 H3   |
| M12x1.5  | 1.5   |       |        |       |       | 10.5     |            |
| M12x1.0  | 1.0   | 80    | 22     |       |       | 11.0     |            |
| M14      | 2.0   | 95    | 30     | 11.2  | 9.0   | 12.0     | H1 H2 H3   |
| M14x1.5  | 1.5   |       |        |       |       | 12.5     |            |
| M14x1.0  | 1.0   | 87    | 22     |       |       | 13.0     |            |
| M16      | 2.0   | 102   | 32     | 12.5  | 10    | 14.0     | H1 H2 H3   |

### Taps Series丝锥系列



材料: 高速钢

Material: HSS-M2, HSS-M35



### 螺旋槽丝锥

#### Spiral Fluted Tap with straight shank

Conform to GB/T3464.1-94, equal to ISO527-1975

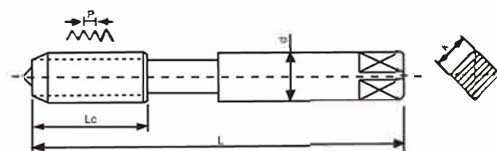
M2 HSS

M35 HSS-E, Coatings,available for specified requirements

For machine

Good cutting action, high speeding

### Taps Series丝锥系列



材料: 高速钢

Material:HSS-M2,HSS-M35



### 螺尖丝锥

#### Spiral Pointed Taps with straight shank

Conform to GB/T3464,1-94,equal to ISO529-1975

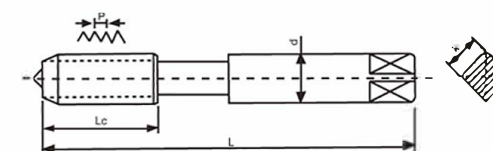
M2 HSS

M35 HSS-E,Coatings,available for specified requirements

For machine

For through holes. Good cutting action high speeding

### Taps Series丝锥系列



材料: 高速钢

Material:HSS-M2,HSS-M35

| M        | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap Limils |
|----------|-------|-------|--------|-------|-------|----------|------------|
| M 16X1.5 | 1.5   | 102   | 32     | 12.5  | 10    | 14.5     | H1 H2 H3   |
| M 16X1.0 | 1.0   | 92    | 22     |       |       | 15.0     |            |
| M 18     | 2.5   | 112   | 37     | 14    | 11.2  | 15.5     | H1 H2 H3   |
| M 18X1.5 | 1.5   |       |        |       |       | 16.5     |            |
| M 1X1.0  | 1.0   | 97    | 22     |       |       | 17.0     |            |
| M 20     | 2.5   | 112   | 37     | 14    | 11.2  | 17.5     | H1 H2 H3   |
| M 20X2.2 | 2.0   |       |        |       |       | 18.0     |            |
| M 20X1.5 | 1.5   |       |        |       |       | 18.5     |            |
| M 20X1.0 | 1.0   | 102   | 22     |       |       | 19.0     | H1 H2 H3   |
| M 22     | 2.5   | 118   | 38     | 16    | 12.5  | 19.5     | H1 H2 H3   |
| M 22X2.0 | 2.0   |       |        |       |       | 20.0     |            |
| M 22X1.5 | 1.5   |       |        |       |       | 20.5     |            |
| M 22X1.0 | 1.0   | 109   | 24     |       |       | 21.0     |            |
| M 24     | 3.0   | 130   | 45     | 18    | 14    | 21.0     | H1 H2 H3   |
| M 24X2.0 | 2.0   |       |        |       |       | 22.0     |            |
| M 24X1.5 | 1.5   |       |        |       |       | 22.5     |            |
| M 24X1.0 | 1.0   | 114   | 24     |       |       | 23.0     |            |

Up to M6: With male center

| M        | P(mm) | L(mm) | Lc(mm) | d(mm) | k(mm) | Hole(mm) | Tap limits |
|----------|-------|-------|--------|-------|-------|----------|------------|
| M3       | 0.5   | 48    | 11     | 2.24  | 1.8   | 2.5      | H1 H2 H3   |
| M4       | 0.7   | 53    | 13     | 3.15  | 2.5   | 3.3      | H1 H2 H3   |
| M5       | 0.8   | 58    | 16     | 4.0   | 3.15  | 4.2      | H1 H2 H3   |
| M6       | 1.0   | 66    | 19     | 4.5   | 3.55  | 5.0      | H1 H2 H3   |
| M6x0.75  | 0.75  |       |        |       |       | 5.25     |            |
| M8       | 1.25  | 72    | 22     | 6.3   | 5.0   | 6.7      | H1 H2 H3   |
| M8x1.0   | 1.0   |       |        |       |       | 7.0      |            |
| M10      | 1.5   | 80    | 24     | 8.0   | 6.3   | 8.5      | H1 H2 H3   |
| M10x1.25 | 1.25  |       |        |       |       | 8.75     |            |
| M10x1.0  | 1.0   |       |        |       |       | 9.0      |            |
| M12      | 1.75  | 89    | 29     | 9.0   | 7.1   | 10.25    | H1 H2 H3   |
| M12x1.5  | 1.5   |       |        |       |       | 10.5     |            |
| M12x1.0  | 1.0   | 80    | 22     |       |       | 11.0     |            |
| M14      | 2.0   | 95    | 30     | 11.2  | 9.0   | 12.0     | H1 H2 H3   |
| M14x1.5  | 1.5   |       |        |       |       | 12.5     |            |
| M14x1.0  | 1.0   | 87    | 22     |       |       | 13.0     |            |
| M16      | 2.0   | 102   | 32     | 12.5  | 10    | 14.0     | H1 H2 H3   |



## 螺尖丝锥

### Spiral Pointed Taps with straight shank

Conform to GB/T3464,1-94,equal to ISO529-1975

M2 HSS

M35 HSS-E,Coatings,available for specified requirements

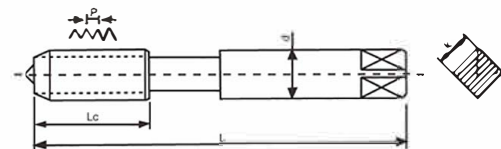
For machine

For through holes. Good cutting action high speeding

| M         | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|-----------|-------|-------|--------|-------|-------|----------|------------|
| M16 × 1.5 | 1.5   | 102   | 32     | 12.5  | 10    | 14.5     | H1 H2 H3   |
| M16 × 1.0 | 1.0   | 92    | 22     |       |       | 15.0     |            |
| M18       | 2.5   | 112   | 37     | 14    | 11.2  | 15.5     | H1 H2 H3   |
| M18 × 1.5 | 1.5   |       |        |       |       | 16.5     |            |
| M18 × 1.0 | 1.0   | 97    | 22     |       |       | 17.0     |            |
| M20       | 2.5   | 112   | 37     | 14    | 11.2  | 17.5     | H1 H2 H3   |
| M20 × 2.0 | 2.0   |       |        |       |       | 18.0     |            |
| M20 × 1.5 | 1.5   |       |        |       |       | 18.5     |            |
| M20 × 1.0 | 1.0   | 102   | 22     |       |       | 19.0     | H1 H2 H3   |
| M22       | 2.5   | 118   | 38     | 16    | 12.5  | 19.5     | H1 H2 H3   |
| M22 × 2.0 | 2.0   |       |        |       |       | 20.0     |            |
| M22 × 1.5 | 1.5   |       |        |       |       | 20.5     |            |
| M22 × 1.0 | 1.0   | 109   | 24     |       |       | 21.0     |            |
| M24       | 3.0   | 130   | 45     | 18    | 14    | 21.0     | H1 H2 H3   |
| M24 × 2.0 | 2.0   |       |        |       |       | 22.0     |            |
| M24 × 1.5 | 1.5   |       |        |       |       | 22.5     |            |
| M24 × 1.0 | 1.0   | 114   | 24     |       |       | 23.0     |            |

Up to M6:With male center

## Taps Series丝锥系列



材料: 高速钢

Material:HSS-M2,HSS-M35

## Taps Series丝锥系列



## 加长直槽丝锥

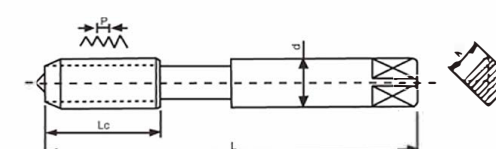
### GB(ISO)Taps with long shank

Conform to GB/T3464.1-94,equal to ISO2283-1975

M2 HSS

For deep holes

For manual and machine



材料: 高速钢

Material:HSS-M2,HSS-M35

| M          | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|------------|-------|-------|--------|-------|-------|----------|------------|
| M3         | 0.5   | 66    | 11     | 2.24  | 1.8   | 2.5      | H1 H2 H3   |
| M4         | 0.7   | 73    | 13     | 3.15  | 2.5   | 3.3      | H1 H2 H3   |
| M5         | 0.8   | 79    | 16     | 4.0   | 3.15  | 4.2      | H1 H2 H3   |
| M6         | 1.0   | 89    | 19     | 4.5   | 3.55  | 5.0      | H1 H2 H3   |
| M6 × 0.75  | 0.75  |       |        |       |       | 5.25     |            |
| M8         | 1.25  | 97    | 22     | 6.3   | 5.0   | 6.7      | H1 H2 H3   |
| M8 × 1.0   | 1.0   | 97    | 19     |       |       | 7.0      |            |
| M10        | 1.5   | 108   | 24     | 8.0   | 6.3   | 8.5      | H1 H2 H3   |
| M10 × 1.25 | 1.25  |       | 20     |       |       | 8.75     |            |
| M10 × 1.0  | 1.0   |       | 9.0    |       |       |          |            |
| M12        | 1.75  | 119   | 29     | 9.0   | 7.1   | 10.25    | H1 H2 H3   |
| M12 × 1.5  | 1.5   |       |        |       |       | 10.5     |            |
| M14        | 2.0   | 127   | 30     | 11.2  | 9.0   | 12.0     | H1 H2 H3   |
| M14 × 1.5  | 1.5   |       |        |       |       | 12.5     |            |
| M16        | 2.0   | 137   | 32     | 12.5  | 10    | 14.0     | H1 H2 H3   |
| M16 × 1.5  | 1.5   |       |        |       |       | 14.5     |            |
| M18        | 2.5   | 149   | 37     | 14    | 11.2  | 15.5     | H1 H2 H3   |
| M18 × 1.5  | 1.5   |       | 29     |       |       | 16.5     |            |
| M20        | 2.5   | 149   | 37     | 14    | 11.2  | 17.5     | H1 H2 H3   |
| M20 × 1.5  | 1.5   |       | 29     |       |       | 18.5     |            |
| M22        | 2.5   | 158   | 38     | 16    | 12.5  | 19.5     | H1 H2 H3   |
| M22 × 1.5  | 1.5   |       | 33     | 16    | 12.5  | 20.5     |            |
| M24        | 3     | 172   | 45     | 18    | 14    | 21       | H1 H2 H3   |
| M24 × 1.5  |       |       | 35     |       |       | 22.5     |            |

Up to M6:With male center

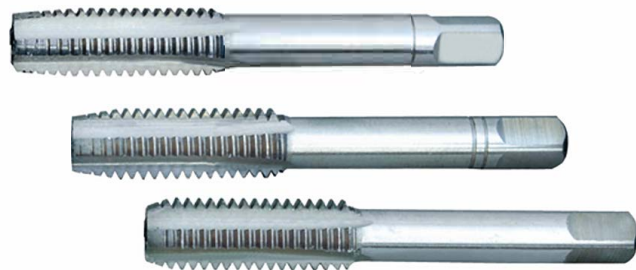
P ≤ 2.5mm:Both one piece and 3 of set are available

One piece with chamfer of 3.5P,and

3 of set with chamfers 8P,4P,2P

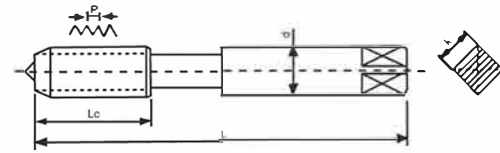
P > 2.5mm:3 of set with chamfers 8P,4P,2P are available

Taps Series丝锥系列



DIN352手用丝锥 DIN352 Hand Taps

M2 HSS  
M35 HSS-E, Coating, available for specified requirements  
3 of set: Taper and second and Plug.  
For through holes and blind holes.



材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

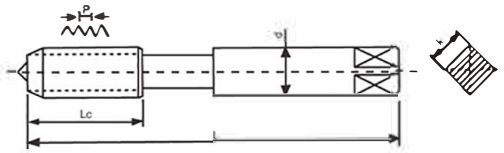
| M   | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|-----|-------|-------|--------|-------|-------|----------|------------|
| M3  | 0.5   | 40    | 11     | 35    | 2.7   | 2.5      | 6H         |
| M4  | 0.7   | 45    | 13     | 4.5   | 3.4   | 3.3      |            |
| M5  | 0.8   | 50    | 16     | 6     | 4.9   | 4.2      |            |
| M6  | 1.0   | 50    | 19     | 6     | 4.9   | 5.0      |            |
| M7  | 1.0   | 50    | 19     | 6     | 4.9   | 6.0      |            |
| M8  | 1.25  | 56    | 22     | 6     | 4.9   | 6.75     |            |
| M9  | 1.25  | 63    | 22     | 7     | 5.5   | 7.75     |            |
| M10 | 1.5   | 70    | 24     | 7     | 5.5   | 8.5      |            |
| M11 | 1.5   | 70    | 24     | 8     | 6.2   | 9.5      |            |
| M12 | 1.75  | 75    | 29     | 9     | 7     | 10.25    |            |
| M14 | 2.0   | 80    | 30     | 11    | 9     | 12       |            |
| M16 | 2.0   | 80    | 32     | 12    | 9     | 14       |            |
| M18 | 2.5   | 95    | 40     | 14    | 11    | 15.5     |            |
| M20 | 2.5   | 95    | 40     | 16    | 12    | 17.5     |            |
| M22 | 2.5   | 100   | 40     | 18    | 14.5  | 19.5     |            |
| M24 | 3.0   | 110   | 50     | 18    | 14.5  | 21.0     |            |
| M27 | 3.0   | 110   | 50     | 20    | 16    | 24.0     |            |
| M30 | 3.5   | 125   | 56     | 22    | 18    | 26.5     |            |
| M33 | 3.5   | 125   | 56     | 25    | 20    | 29.5     |            |
| M36 | 4.0   | 150   | 63     | 28    | 22    | 32.0     |            |
| M39 | 4.0   | 150   | 63     | 32    | 24    | 35.0     |            |
| M42 | 4.5   | 150   | 63     | 32    | 24    | 37.5     |            |
| M45 | 4.5   | 160   | 70     | 36    | 29    | 40.5     |            |
| M48 | 5.0   | 180   | 75     | 36    | 29    | 43.0     |            |
| M52 | 5.0   | 180   | 75     | 40    | 32    | 47.0     |            |

Taps Series丝锥系列



DIN2128手用丝锥  
DIN2128 Hand Taps

DIN2128, for metric-ISO thread DIN13, Tolerance 6H=IS02  
M2 HSS  
M35 HSS-E, Coating, available for specified requirements  
2 of set: Taper and Plug.  
For through holes and blind holes.



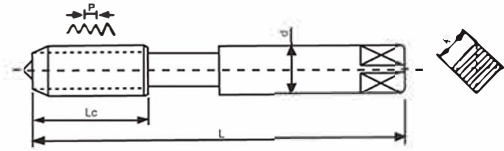
材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

| M        | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|----------|-------|-------|--------|-------|-------|----------|------------|
| M3X0.35  | 0.35  | 40    | 9      | 3.5   | 2.7   | 2.65     | 6H         |
| M4X0.5   | 0.5   | 50    | 12     | 6     | 4.9   | 3.5      |            |
| M5X0.5   | 0.5   | 50    | 12     | 6     | 4.9   | 4.5      |            |
| M5X0.75  | 0.75  |       |        |       |       | 4.25     |            |
| M6X0.5   | 0.5   | 50    | 14     | 6     | 4.9   | 5.5      |            |
| M6X0.75  | 0.75  |       |        |       |       | 5.25     |            |
| M7X0.75  | 0.75  | 50    | 14     | 6     | 4.9   | 6.25     |            |
| M8X0.5   | 0.5   | 50    | 19     | 6     | 4.9   | 7.5      |            |
| M8X0.75  | 0.75  |       |        |       |       | 7.25     |            |
| M8X1.0   | 1.0   | 56    | 22     | 7     | 5.5   | 7.0      |            |
| M9X0.75  | 0.75  | 56    | 19     |       |       | 8.25     |            |
| M9X1.0   | 1.0   | 63    | 22     |       |       | 8.0      |            |
| M10X0.75 | 0.75  | 63    | 20     | 7     | 5.5   | 9.25     |            |
| M10X1.0  | 1.0   |       |        |       |       | 9.0      |            |
| M10X1.25 | 1.25  | 63    | 24     | 8     | 6.2   | 8.75     |            |
| M11X1.0  | 1.0   | 63    | 20     |       |       | 10.0     |            |
| M11X1.25 | 1.25  |       |        |       |       | 9.75     |            |
| M12X0.75 | 0.75  | 63    | 22     | 9     | 7     | 11.25    |            |
| M12X1.0  | 1.0   | 70    | 22     |       |       | 11.0     |            |
| M12X1.25 | 1.25  |       |        |       |       | 10.75    |            |
| M12X1.5  | 1.5   |       |        |       |       | 10.5     |            |
| M13X1.0  | 1.0   | 70    | 22     | 11    | 9     | 12.0     |            |
| M13X1.5  | 1.5   |       |        |       |       | 11.5     |            |
| M14X0.75 | 0.75  | 70    | 22     | 11    | 9     | 13.25    |            |
| M14X1.0  | 1.0   |       |        |       |       | 13.0     |            |

# Taps Series丝锥系列

| M        | P(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|----------|-------|-------|--------|-------|-------|----------|------------|
| M14X1.25 | 1.25  | 70    | 22     | 11    | 9     | 12.75    | 6H         |
| M14X1.5  | 1.5   |       |        |       |       | 12.5     |            |
| M15X1.0  | 1.0   |       |        | 12    | 9     | 14.0     |            |
| M15X1.5  | 1.5   |       |        |       |       | 13.5     |            |
| M16X1.0  | 1.0   | 70    | 22     | 12    | 9     | 15.0     |            |
| M16X1.25 | 1.25  |       |        |       |       | 14.75    |            |
| M16X1.5  | 1.5   |       |        |       |       | 14.5     |            |
| M18X1.0  | 1.0   | 70    | 22     | 14    | 11    | 17.0     |            |
| M18X1.25 | 1.25  |       |        |       |       | 16.75    |            |
| M18X1.5  | 1.5   |       |        |       |       | 16.5     |            |
| M18X2.0  | 2.0   |       |        |       |       | 16.0     |            |
| M20X1.0  | 1.0   | 80    | 22     | 16    | 12    | 19.0     |            |
| M20X1.25 | 1.25  |       |        |       |       | 18.75    |            |
| M20X1.5  | 1.5   |       |        |       |       | 18.5     |            |
| M20X2.0  | 2.0   |       |        |       |       | 18.0     |            |
| M21X1.5  | 1.5   | 80    | 22     | 16    | 12    | 19.5     |            |
| M22X1.0  | 1.0   | 80    | 22     | 18    | 14.5  | 21.0     |            |
| M22X1.25 | 1.25  |       |        |       |       | 20.75    |            |
| M22X1.5  | 1.5   |       |        |       |       | 20.5     |            |
| M22X2.0  | 2.0   |       |        |       |       | 20.0     |            |
| M23X1.5  | 1.5   | 80    | 22     | 18    | 14.5  | 21.5     |            |
| M24X1.0  | 1.0   | 90    | 22     | 18    | 14.5  | 23.0     |            |
| M24X1.5  | 1.5   |       |        |       |       | 22.5     |            |
| M24X2.0  | 2.0   |       |        |       |       | 22.0     |            |
| M25X1.5  | 1.5   | 90    | 22     | 18    | 14.5  | 23.5     |            |
| M26X1.0  | 1.0   | 90    | 22     | 18    | 14.5  | 25.0     |            |
| M26X1.5  | 1.5   |       |        |       |       | 24.5     |            |
| M26X2.0  | 2.0   |       |        |       |       | 24.0     |            |
| M27X1.5  | 1.5   | 90    | 22     | 20    | 16    | 25.5     |            |
| M27X2.0  | 2.0   |       |        |       |       | 25.0     |            |
| M28X1.0  | 1.0   | 90    | 22     | 20    | 16    | 27.0     |            |
| M28X1.5  | 1.5   |       |        |       |       | 26.5     |            |
| M28X2.0  | 2.0   |       |        |       |       | 26.0     |            |
| M29X1.5  | 1.5   | 90    | 22     | 22    | 18    | 27.5     |            |
| M30X1.0  | 1.0   | 90    | 22     | 22    | 18    | 29.0     |            |
| M30X1.5  | 1.5   |       |        |       |       | 28.5     |            |
| M30X2.0  | 2.0   |       |        |       |       | 28.0     |            |
| M30X3.0  | 3.0   | 125   | 66     | 22    | 18    | 27.0     |            |

# Taps Series丝锥系列



## DIN351美制手用丝锥 DIN351UNC/UNF Hand Taps

DIN351,for UNC/UNF thread, tolerance 2B

M2 HSS

M35 HSS-E,Coating,available for specified requirements

3 of set:Taper,Second and Plug.

For through holes and blind holes.

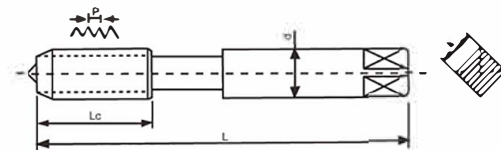
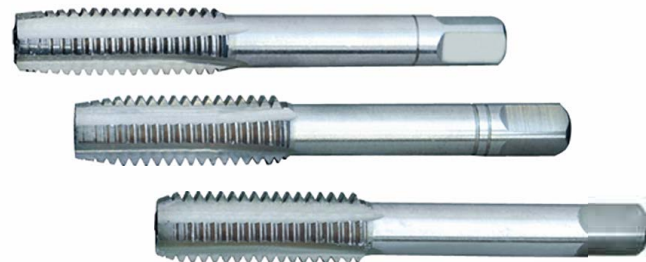
材料:高速钢、合金钢、碳钢

Material:HSS-M2,HSS-M35

Alloy steel,Carbon steel

| Size        | T.P.I | D(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) | Tap limits |
|-------------|-------|-------|-------|--------|-------|-------|----------|------------|
| NO.5-40UNC  | 4 0   | 3.18  | 40    | 12     | 3.5   | 2.7   | 2.6      | 2B         |
| NO.5-44UNC  | 4 4   | 3.18  | 40    | 12     |       |       | 2.7      |            |
| NO.6-32UNC  | 3 2   | 3.51  | 45    | 14     | 4     | 3     | 2.8      |            |
| NO.6-40UNC  | 4 0   | 3.51  | 45    | 14     |       |       | 3.0      |            |
| NO.8-32UNC  | 3 2   | 4.17  | 45    | 14     | 4.5   | 3.4   | 3.4      |            |
| NO.8-36UNC  | 3 6   | 4.17  | 45    | 14     |       |       | 3.5      |            |
| NO.10-24UNC | 2 4   | 4.83  | 48    | 16     | 6     | 4.9   | 3.9      |            |
| NO.10-32UNC | 3 2   | 4.83  | 48    | 16     |       |       | 4.1      |            |
| NO.12-24UNC | 2 4   | 5.49  | 50    | 18     | 6     | 4.9   | 4.5      |            |
| NO.12-28UNC | 2 8   | 5.49  | 50    | 16     |       |       | 4.65     |            |
| 1/4-20UNC   | 2 0   | 6.35  | 56    | 22     | 6     | 4.9   | 5.2      |            |
| 1/4-28UNF   | 2 8   | 6.35  | 50    | 16     |       |       | 5.5      |            |
| 5/16-18UNC  | 1 8   | 7.94  | 56    | 22     | 6     | 4.9   | 6.6      |            |
| 5/16-24UNF  | 2 4   | 7.94  | 56    | 16     |       |       | 6.9      |            |
| 3/8-16UNC   | 1 6   | 9.53  | 70    | 28     | 7     | 5.5   | 8.0      |            |
| 3/8-24UNF   | 2 4   | 9.53  | 56    | 16     |       |       | 8.5      |            |
| 7/16-14UNC  | 1 4   | 11.11 | 75    | 30     | 8     | 6.2   | 9.4      |            |
| 7/16-20UNF  | 2 0   | 11.11 | 63    | 18     |       |       | 9.9      |            |
| 1/2-13UNC   | 1 3   | 12.70 | 75    | 30     | 9     | 7     | 10.8     |            |
| 1/2-20UNF   | 2 0   | 12.70 | 70    | 20     |       |       | 11.5     |            |
| 9/16-12UNC  | 1 2   | 14.29 | 80    | 32     | 11    | 9     | 12.3     |            |
| 9/16-18UNF  | 1 8   | 14.29 | 70    | 22     |       |       | 13.0     |            |
| 5/8-11UNC   | 1 1   | 15.88 | 80    | 32     | 12    | 9     | 13.5     |            |
| 5/8-18UNF   | 1 8   | 15.88 | 70    | 22     |       |       | 14.6     |            |
| 3/4-10UNC   | 1 0   | 19.05 | 95    | 40     | 14    | 11    | 16.5     |            |
| 3/4-16UNF   | 1 6   | 19.05 | 80    | 22     |       |       | 17.5     |            |
| 7/8-9UNC    | 9     | 22.23 | 100   | 40     | 18    | 14.5  | 19.5     |            |
| 7/8-14UNF   | 1 4   | 22.23 | 90    | 28     |       |       | 20.5     |            |
| 1-8UNC      | 8     | 25.4  | 110   | 50     | 20    | 16    | 22.3     |            |
| 1-12UNF     | 1 2   | 25.4  | 100   | 32     |       |       | 23.5     |            |
| 1 1/8-7UNC  | 7     | 28.58 | 132   | 56     | 22    | 18    | 25.0     |            |
| 1 1/8-12UNF | 1 2   | 28.58 | 100   | 32     |       |       | 26.5     |            |
| 1 1/4-7UNC  | 7     | 31.75 | 132   | 56     | 28    | 20    | 28.3     |            |
| 1 1/4-12UNF | 1 2   | 31.75 | 100   | 32     |       |       | 29.5     |            |
| 1 3/8-9UNC  | 6     | 34.93 | 150   | 63     | 28    | 22    | 30.8     |            |
| 1 3/8-12UNF | 1 2   | 34.93 | 110   | 32     |       |       | 32.5     |            |
| 1 1/2-6UNC  | 6     | 38.10 | 150   | 63     | 32    | 24    | 34.0     |            |
| 1 1/2-12UNF | 1 2   | 38.10 | 110   | 32     |       |       | 36.0     |            |
| 1 3/4-5UNC  | 5     | 44.45 | 160   | 70     | 36    | 29    | 39.5     |            |
| 2-4 1/2UNF  | 4 1/2 | 50.80 | 180   | 75     |       |       | 45.0     |            |

Taps Series丝锥系列



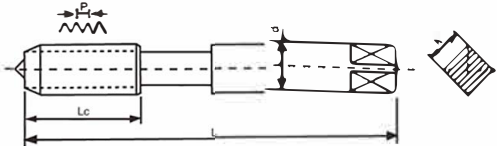
材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

DIN351英制手用丝锥  
DIN351BSW Hand Taps

DIN351, for BSW BSF thread DIN13  
M2 HSS  
M35 HSS-E, Coating, available for specified requirements  
3 of set: Taper, Second and Plug.  
For through holes and blind holes.

| Size            | T.P.I | D(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) |
|-----------------|-------|-------|-------|--------|-------|-------|----------|
| 1/8-40 Bsw      | 40    | 3.18  | 40    | 12     | 3.5   | 2.7   | 2.60     |
| 5/32-32 Bsw     | 32    | 3.97  | 45    | 14     | 4.5   | 3.4   | 3.20     |
| 3/16-24 Bsw     | 24    | 4.76  | 45    | 14     | 5.5   | 4.3   | 3.80     |
| 7/32-24 Bsw     | 24    | 5.56  | 50    | 18     | 6     | 4.9   | 4.60     |
| 1/4-20 Bsw      | 20    | 6.35  | 56    | 22     | 6     | 4.9   | 5.10     |
| 5/16-18 Bsw     | 18    | 7.94  | 56    | 22     | 6     | 4.9   | 6.50     |
| 3/8-16 Bsw      | 16    | 9.53  | 70    | 25     | 7     | 5.5   | 7.90     |
| 7/16-14 Bsw     | 14    | 11.11 | 75    | 30     | 8     | 6.2   | 9.30     |
| 1/2-12 Bsw      | 12    | 12.70 | 75    | 30     | 9     | 7     | 10.5     |
| 9/16-12 Bsw     | 12    | 14.29 | 80    | 32     | 11    | 9     | 12.0     |
| 5/8-11 Bsw      | 11    | 15.88 | 80    | 32     | 12    | 9     | 13.5     |
| 3/4-10 Bsw      | 10    | 19.05 | 95    | 40     | 14    | 11    | 16.5     |
| 7/8-9 Bsw       | 9     | 22.23 | 100   | 40     | 18    | 14.5  | 19.5     |
| 1-8 Bsw         | 8     | 25.4  | 110   | 50     | 20    | 16    | 22.0     |
| 1 1/8-7 Bsw     | 7     | 28.58 | 132   | 56     | 22    | 18    | 24.5     |
| 1 1/4-7 Bsw     | 7     | 31.75 | 132   | 56     | 25    | 20    | 28.0     |
| 1 3/8-6 Bsw     | 6     | 34.93 | 150   | 63     | 28    | 22    | 30.5     |
| 1 1/2-6 Bsw     | 6     | 38.10 | 150   | 63     | 32    | 24    | 33.5     |
| 1 5/8-5 Bsw     | 5     | 41.28 | 160   | 70     | 32    | 24    | 35.5     |
| 1 3/4-5 Bsw     | 5     | 44.45 | 160   | 70     | 36    | 29    | 39.0     |
| 1 7/8-4 1/2 Bsw | 4 1/2 | 47.63 | 190   | 80     | 36    | 29    | 41.5     |
| 2-4 1/2 Bsw     | 4 1/2 | 50.8  | 190   | 80     | 40    | 32    | 44.5     |

Taps Series丝锥系列



材料: 高速钢、合金钢  
Material: HSS-M2, HSS-M35  
Alloy steel,

DIN5157管螺纹两支套

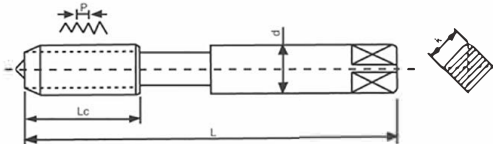
DIN5157 BSW Pipe Taps 2PCS  
DIN5157, for Whitworth-Pipe thread DIN259, equal to ISO 228  
M2 HSS  
M35 HSS-E, Coating, available for specified requirements  
2 of set: Tapper and Plug.  
For through holes and blind holes.  
For connections not sealing in the thread.

| Size   | T.P.I | D(mm) | L(mm) | Lc(mm) | d(mm) | K(mm) | Hole(mm) |
|--------|-------|-------|-------|--------|-------|-------|----------|
| G1/8   | 28    | 9.37  | 60    | 20     | 7     | 5.5   | 8.80     |
| G1/4   | 19    | 13.16 | 70    | 20     | 11    | 9     | 11.8     |
| G3/8   | 19    | 16.66 | 70    | 22     | 12    | 9     | 15.3     |
| G1/2   | 14    | 20.96 | 80    | 22     | 16    | 12    | 19.0     |
| G5/8   | 14    | 22.91 | 80    | 22     | 18    | 14.5  | 21.0     |
| G3/4   | 14    | 26.44 | 90    | 22     | 20    | 16    | 24.5     |
| G7/8   | 14    | 30.20 | 90    | 22     | 22    | 18    | 28.25    |
| G1     | 11    | 33.25 | 100   | 25     | 25    | 20    | 30.5     |
| G1/8   | 11    | 37.90 | 125   | 40     | 28    | 22    | 35.5     |
| G1 1/4 | 11    | 41.91 | 125   | 40     | 32    | 24    | 39.5     |
| G1 3/8 | 11    | 44.33 | 125   | 40     | 36    | 29    | 42.0     |
| G1 1/2 | 11    | 47.80 | 140   | 40     | 36    | 29    | 45.0     |
| G1 3/4 | 11    | 53.75 | 140   | 40     | 40    | 32    | 51.0     |
| G2     | 11    | 59.62 | 140   | 40     | 45    | 35    | 57.0     |

Taps Series丝锥系列



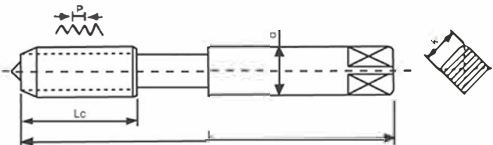
**DIN371/DIN376螺尖机用丝锥**  
**DIN371/DIN376 Spiral Pointed Machine Taps**  
DIN352,for metric-ISO thread DIN13, tolerance 6H  
M2 HSS  
M35 HSS-E,Coating,available for specified requirements  
For machine.  
Short version for through holes.  
Good cutting action,high speeding.



材料: 高速钢  
Material:HSS-M2,HSS-M35

| M      | P(mm) | L(mm) | Lc(mm) | Chamfer | d(mm) | K(mm) | n | Hole(mm) | Tap limits |
|--------|-------|-------|--------|---------|-------|-------|---|----------|------------|
| DIN371 |       |       |        |         |       |       |   |          |            |
| M3     | 0.5   | 56    | 11     | 5P      | 3.5   | 2.7   | 3 | 2.5      | 6 H        |
| M4     | 0.7   | 63    | 13     | 5P      | 4.5   | 3.4   | 3 | 3.3      |            |
| M5     | 0.8   | 70    | 16     | 5P      | 6     | 4.9   | 3 | 4.2      |            |
| M6     | 1.0   | 80    | 19     | 5P      | 6     | 4.9   | 3 | 5.0      |            |
| M8     | 1.25  | 90    | 22     | 5P      | 8     | 6.2   | 3 | 6.75     |            |
| M10    | 1.5   | 100   | 24     | 5P      | 10    | 8     | 3 | 8.5      |            |
| DIN376 |       |       |        |         |       |       |   |          |            |
| M12    | 1.75  | 110   | 29     | 5P      | 9     | 7     | 4 | 10.25    | 6 H        |
| M14    | 2.2   | 110   | 30     | 5P      | 11    | 9     | 4 | 12.0     |            |
| M16    | 2.0   | 110   | 32     | 5P      | 12    | 9     | 4 | 14.0     |            |
| M18    | 2.5   | 125   | 34     | 5P      | 14    | 11    | 4 | 15.5     |            |
| M20    | 2.5   | 140   | 34     | 5P      | 16    | 12    | 4 | 17.5     |            |
| M22    | 2.5   | 140   | 34     | 5P      | 18    | 14.5  | 4 | 19.5     |            |
| M24    | 3.0   | 160   | 38     | 5P      | 18    | 14.5  | 4 | 21.0     |            |

Taps Series丝锥系列



材料: 高速钢  
Material:HSS-M2,HSS-M35

**DIN371/376螺旋机用槽丝锥**  
**DIN371/376 Spiral Flute Machine Taps**

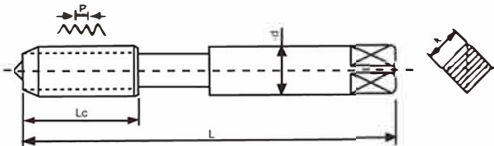
DIN371/376,with 35° Spiral flute,metric-ISO thread DIN13,tolerance 6H=IS02  
M2 HSS  
M35 HSS-E,Coating,available for specified requirements  
For blind holes  
Good cutting action,high speeding

| M      | P(mm) | L(mm) | Lc(mm) | Chamfer | d(mm) | K(mm) | n | Hole(mm) | Tap limits |
|--------|-------|-------|--------|---------|-------|-------|---|----------|------------|
| DIN371 |       |       |        |         |       |       |   |          |            |
| M3     | 0.5   | 56    | 11     | 2.5P    | 3.5   | 2.7   | 3 | 2.5      | 6H         |
| M4     | 0.7   | 63    | 13     | 2.5P    | 4.5   | 3.4   | 3 | 3.3      |            |
| M5     | 0.8   | 70    | 16     | 2.5P    | 6     | 4.3   | 3 | 4.2      |            |
| M6     | 1.0   | 80    | 19     | 2.5P    | 6     | 4.9   | 3 | 5.0      |            |
| M8     | 1.25  | 90    | 22     | 2.5P    | 8     | 6.2   | 3 | 6.75     |            |
| M10    | 1.5   | 100   | 24     | 2.5P    | 10    | 8     | 3 | 8.5      |            |
| DIN376 |       |       |        |         |       |       |   |          |            |
| M12    | 1.75  | 110   | 29     | 2.5P    | 9     | 7     | 3 | 10.25    | 6H         |
| M14    | 2.0   | 110   | 30     | 2.5P    | 11    | 9     | 4 | 12.0     |            |
| M16    | 2.0   | 110   | 32     | 2.5P    | 12    | 9     | 4 | 14.0     |            |
| M18    | 2.5   | 125   | 34     | 2.5P    | 14    | 11    | 4 | 15.5     |            |
| M20    | 2.5   | 140   | 34     | 2.5P    | 16    | 12    | 4 | 17.5     |            |
| M22    | 2.5   | 140   | 34     | 2.5P    | 18    | 14.5  | 4 | 19.5     |            |
| M24    | 3.0   | 160   | 38     | 2.5P    | 18    | 14.5  | 4 | 21.0     |            |

Taps Series丝锥系列



**DIN357 机用螺母丝锥**  
**DIN357 Machine Nut Taps**  
DIN357,with metric-ISO thread DIN13,tolerance 6H=IS02  
M2 HSS  
M35 HSS-E,Coating,available for specified requirements

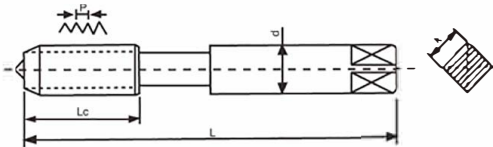


材料: 高速钢  
Material:HSS-M2,HSS-M35

| M   | P(mm) | L(mm) | Lc(mm) | Chamfer | d(mm) | K(mm) | Hole(mm) | Tap limits |
|-----|-------|-------|--------|---------|-------|-------|----------|------------|
| M3  | 0.5   | 70    | 22     | 13P     | 2.2   | -     | 2.5      | 6H         |
| M4  | 0.7   | 90    | 25     | 13P     | 2.8   | 2.1   | 3.3      |            |
| M5  | 0.8   | 100   | 28     | 13P     | 3.5   | 2.7   | 4.2      |            |
| M6  | 1.0   | 110   | 32     | 13P     | 4.5   | 3.4   | 5.0      |            |
| M8  | 1.25  | 125   | 40     | 13P     | 6     | 4.9   | 6.75     |            |
| M10 | 1.5   | 140   | 45     | 13P     | 7     | 5.5   | 8.5      |            |
| M12 | 1.75  | 180   | 50     | 13P     | 9     | 7     | 10.25    |            |
| M14 | 2.0   | 200   | 56     | 13P     | 11    | 9     | 12.0     |            |
| M16 | 2.0   | 200   | 63     | 13P     | 12    | 9     | 14.0     |            |
| M18 | 2.5   | 220   | 63     | 13P     | 14    | 11    | 15.5     |            |
| M20 | 2.5   | 250   | 70     | 13P     | 16    | 12    | 17.5     |            |
| M22 | 2.5   | 280   | 80     | 13P     | 18    | 14.5  | 19.5     |            |
| M24 | 3.0   | 280   | 80     | 13P     | 18    | 14.5  | 21.0     |            |



**DIN352短型机用旋槽丝锥**  
**DIN352 Sprial Flute Short Machine Taps**  
DIN352,with 350, spiral flute,metric-iso thread din13,tolerance 6h=is02  
M2 HSS  
M35 HSS-E,Coating,available for specified requirements  
For blind holes.  
Good cutting action,high speeding.



材料: 高速钢  
Material:HSS-M2,HSS-M35

| M   | P(mm) | L(mm) | Lc(mm) | Chamfer | d(mm) | K(mm) | n | Hole(mm) | Tap limits |
|-----|-------|-------|--------|---------|-------|-------|---|----------|------------|
| M3  | 0.5   | 40    | 11     | 2.5P    | 3.5   | 2.7   | 3 | 2.5      | 6H         |
| M4  | 0.7   | 45    | 13     | 2.5P    | 4.5   | 3.4   | 3 | 3.5      |            |
| M5  | 0.8   | 50    | 16     | 2.5P    | 6     | 4.9   | 3 | 4.2      |            |
| M6  | 1.0   | 50    | 19     | 2.5P    | 6     | 4.9   | 3 | 5.0      |            |
| M7  | 1.0   | 50    | 19     | 2.5P    | 6     | 4.9   | 3 | 6.0      |            |
| M8  | 1.25  | 56    | 22     | 2.5P    | 6     | 4.9   | 3 | 6.75     |            |
| M10 | 1.5   | 70    | 24     | 2.5P    | 7     | 5.5   | 3 | 8.5      |            |
| M12 | 1.75  | 75    | 29     | 2.5P    | 9     | 7     | 4 | 10.25    |            |

Taps Series丝锥系列

**短型梯形丝锥**  
Short type trapezoid taps



| 规格<br>Size | 总长<br>Overall Length | 刃长<br>Thread Length |
|------------|----------------------|---------------------|
| Tr8 × 1.5  | 60                   | 24                  |
| Tr10 × 2   | 80                   | 40                  |
| Tr12 × 3   | 115                  | 63                  |
| Tr14 × 3   | 115                  | 63                  |
| Tr16 × 4   | 170                  | 100                 |
| Tr18 × 4   | 170                  | 100                 |
| Tr20 × 4   | 170                  | 100                 |
| Tr22 × 5   | 250                  | 155                 |
| Tr24 × 5   | 250                  | 155                 |
| Tr26 × 5   | 250                  | 155                 |
| Tr28 × 5   | 250                  | 155                 |
| Tr30 × 6   | 300                  | 170                 |
| Tr32 × 6   | 300                  | 170                 |
| Tr34 × 6   | 300                  | 170                 |
| Tr36 × 6   | 300                  | 170                 |
| Tr38 × 7   | 360                  | 220                 |
| Tr40 × 7   | 360                  | 220                 |
| Tr42 × 7   | 360                  | 220                 |
| Tr44 × 7   | 360                  | 220                 |
| Tr46 × 8   | 400                  | 240                 |
| Tr48 × 8   | 400                  | 240                 |
| Tr50 × 8   | 400                  | 240                 |
| Tr52 × 8   | 400                  | 240                 |

**复合丝锥(美标)**  
Combined taps



| 规格<br>Size | 总长<br>Overall Length | 螺纹长<br>Thread Length | 钻头长<br>Drill Length | 钻头尺寸<br>Drill Size |
|------------|----------------------|----------------------|---------------------|--------------------|
| M3 × 0.5   | 1-15/16              | 13/32                | 9/32                | 0.1015             |
| M3.5 × 0.6 | 2                    | 7/16                 | 5/16                | 0.1180             |
| M4 × 0.7   | 2-1/8                | 1/2                  | 3/8                 | 0.1340             |
| M4.5x0.75  | 2-3/8                | 5/8                  | 13/12               | 0.1520             |
| M5 × 0.8   | 2-3/8                | 5/8                  | 13/12               | 0.1700             |
| M6 × 1     | 2-1/2                | 25/32                | 17/32               | 0.2030             |
| M7 × 1     | 2-27/32              | 15/16                | 11/16               | 0.2420             |
| M8 × 1.25  | 2-27/32              | 15/16                | 11/16               | 0.2735             |
| M10 × 1.5  | 3-3/8                | 1-1/16               | 13/16               | 0.3440             |
| M12 × 1.75 | 4-1/16               | 1-3/8                | 1-1/8               | 0.4140             |
| 4-40NC     | 1-7/8                | 9/16                 | 1/4                 | 0.0890             |
| 4-48NC     | 1-7/8                | 9/16                 | 1/4                 | 0.0930             |
| 5-40NC     | 1-15/16              | 5/8                  | 9/32                | 0.1015             |
| 5-44NF     | 1-15/16              | 5/8                  | 9/32                | 0.1040             |
| 6-32NC     | 2                    | 11/16                | 5/16                | 0.1095             |
| 6-40NF     | 2                    | 11/16                | 5/16                | 0.1150             |

**长型梯形丝锥**  
Long trapezoid taps



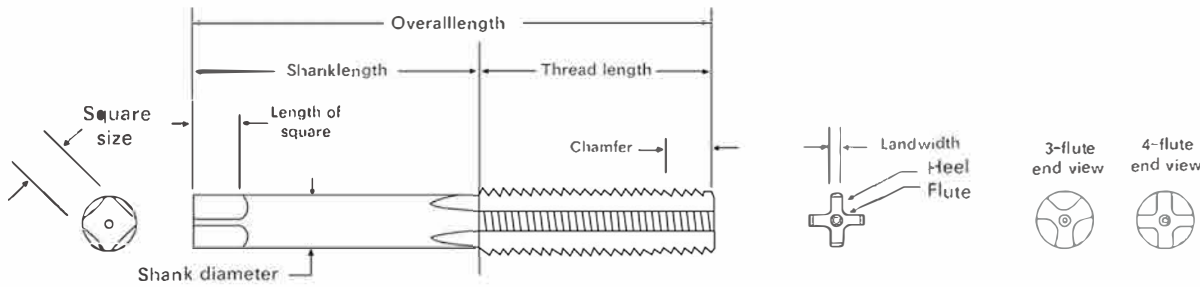
| 规格<br>Size | 总长<br>Overall Length | 刃长<br>Thread Length |
|------------|----------------------|---------------------|
| Tr8 × 1.5  | 80                   | 30                  |
| Tr10 × 2   | 110                  | 56                  |
| Tr12 × 3   | 160                  | 85                  |
| Tr14 × 3   | 160                  | 85                  |
| Tr16 × 4   | 220                  | 125                 |
| Tr18 × 4   | 220                  | 125                 |
| Tr20 × 4   | 220                  | 125                 |
| Tr22 × 5   | 290                  | 170                 |
| Tr24 × 5   | 290                  | 170                 |
| Tr26 × 5   | 290                  | 170                 |
| Tr28 × 5   | 290                  | 170                 |
| Tr30 × 6   | 350                  | 216                 |
| Tr32 × 6   | 350                  | 216                 |
| Tr34 × 6   | 350                  | 216                 |
| Tr36 × 6   | 350                  | 216                 |
| Tr38 × 7   | 420                  | 250                 |
| Tr40 × 7   | 420                  | 250                 |
| Tr42 × 7   | 420                  | 250                 |
| Tr44 × 7   | 420                  | 250                 |
| Tr46 × 8   | 490                  | 290                 |
| Tr48 × 8   | 490                  | 290                 |
| Tr50 × 8   | 490                  | 290                 |
| Tr52 × 8   | 490                  | 290                 |

**六角柄复合丝锥(日标)**  
Hexagon handle Combined taps

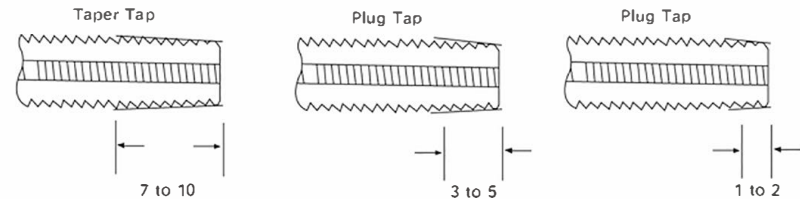


| 规格<br>Size | 总长<br>Overall Length | 螺纹长<br>Thread Length | 钻头长<br>Drill Length | 钻头尺寸<br>Drill Size |
|------------|----------------------|----------------------|---------------------|--------------------|
| 8-32NC     | 2-1/8                | 3/4                  | 3/8                 | 0.1360             |
| 8-36NF     | 2-1/8                | 3/4                  | 3/8                 | 0.1385             |
| 10-24NC    | 2-3/8                | 7/8                  | 13/32               | 0.1520             |
| 10-32NF    | 2-3/8                | 7/8                  | 13/32               | 0.1610             |
| 12-24NC    | 2-3/8                | 7/8                  | 15/13               | 0.1770             |
| 12-28NF    | 2-3/8                | 7/8                  | 15/32               | 0.1835             |
| 1/4-20NC   | 2-1/2                | 15/16                | 17/32               | 0.2010             |
| 1/4-28NF   | 2-1/2                | 15/16                | 17/32               | 0.2175             |
| 5/16-18NC  | 3                    | 1-1/8                | 11/16               | 0.2570             |
| 5/16-24NF  | 3                    | 1-1/8                | 11/16               | 0.2720             |
| 3/8-16NC   | 3-1/2                | 1-1/4                | 13/16               | 0.3125             |
| 3/8-24NF   | 3-1/2                | 1-1/4                | 13/16               | 0.3345             |
| 7/16-14NC  | 3-7/8                | 1-7/16               | 1                   | 0.3680             |
| 7/16-20NF  | 3-7/8                | 1-7/16               | 1                   | 0.3890             |
| 1/2-13NC   | 4-1/4                | 1-21/32              | 1-1/8               | 0.4250             |
| 1/2-20NF   | 4-1/4                | 1-21/32              | 1-1/8               | 0.4510             |

Basic Tap Terminology



Chamfer Styles in Standard Taps



**Angle of Thread** The angle included between the flanks of the thread measured in an axial plane.

**Back Taper** A slight axial relief on the thread of the tap which makes the pitch diameter of the thread near the shank somewhat smaller than that of the chamfered end.

**Bottoming Chamfer** The shortest chamfer (1-2 threads long), for threading close to the bottom of blind holes.

**Chamfer** The tapering of the threads at the front end of each land of a tap by cutting away and relieving the crest of the first few teeth to distribute the cutting action over several teeth. Also see Taper, Plug and Bottoming Chamfers.

**Chamfer Relief** The gradual decrease in land height from cutting edge to heel on the chamfered portion, to provide clearance for the cutting action as the tap advances.

**Chordal Hook Angle** The angle between the chord passing through the root and crest of a thread form at the cutting face, and a radial line through the crest at the cutting edge.

**Crest** The top surface joining the two flanks of a thread. The crest of an external thread is at its major diameter, while the crest of an internal thread is at its minor diameter.

**Cutting Face** The leading side of the land in the direction of rotation for cutting on which the chip impinges.

**Flutes** The longitudinal channels formed in a tap to create cutting edges on the thread profile and to provide chip spaces and cutting fluid passages.

**Height of Thread** The distance between the crest and the base of a thread measured normal to the axis.

**Lead** The distance a screw thread advances axially in one complete turn. On a single lead screw or tap, the lead and pitch are identical. On a double lead screw or tap, the lead is twice the pitch, etc.

**Pitch** The distance from any point on a screw or tap thread to a corresponding point on the next thread, measured parallel to the axis. The pitch equals one divided by the number of threads per inch.

**Pitch Diameter** On a straight thread, the diameter of an imaginary co-axial cylinder, the surface of which would pass through the thread profile at such points as to make equal the width of the threads and the width of the spaces cut by the surface of the cylinder.

On a taper thread, the diameter at a given distance from a reference plane perpendicular to the axis of an imaginary co-axial cone, the surface of which would pass through the thread profile at such points as to make equal the width of the threads and the width of the spaces cut by the surface of the cone.

**Plug Chamfer** The most common chamfer (3-5 threads long), for hand or machine tapping in through or blind holes.

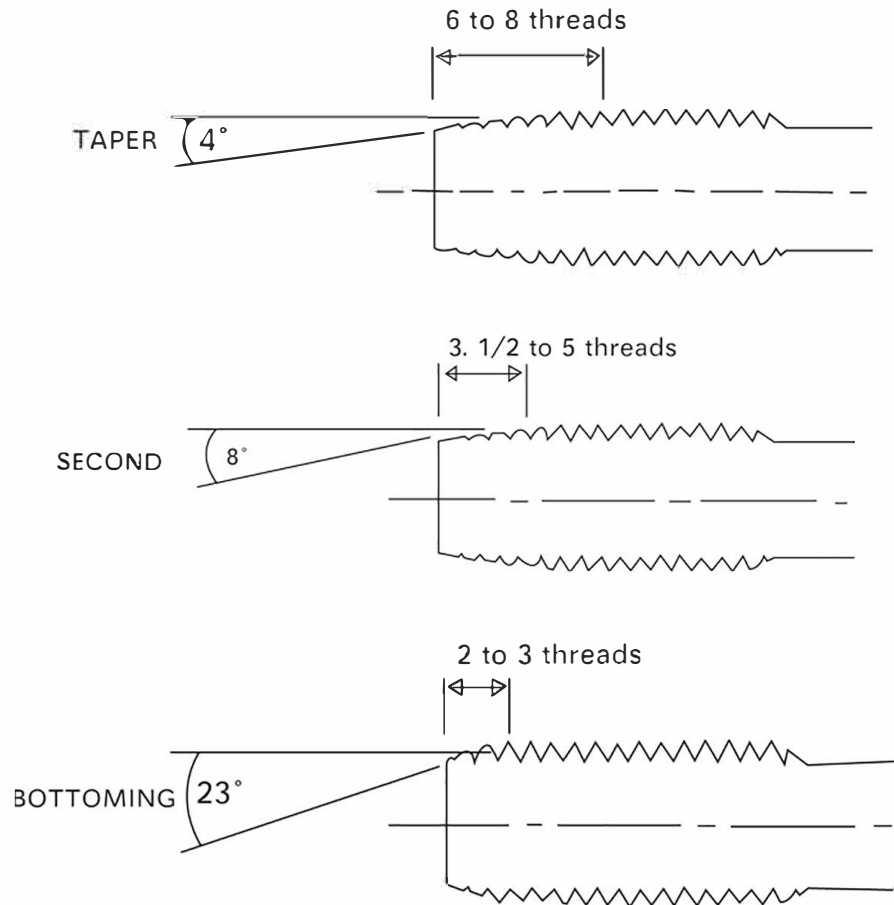
**Rake** Any deviation of a straight cutting face of the tooth from a radial line. Positive Rake means that the crest of the cutting face is angularly advanced ahead of the balance of the face of the tooth. Negative Rake means that the same point is angularly behind the balance of the cutting face of the tooth. Zero Rake means that the cutting face is directly on the center line.

**Spiral Point (Chip Driver)** A supplementary angular fluting cut in the cutting face of the land at the chamfer end. It is slightly longer than the chamfer on the tap and of the opposite hand to that of rotation.

**Taper Chamfer** A long chamfer (7-10 threads long) for easier starting and engagement in the work piece. More working teeth means that less tapping torque is required and the chip load is reduced on each tooth.

**Threads Per Inch** The number of threads in one inch of length.

STANDARD LEAD (CHAMFER ANGLES)



In some countries the name "PLUG" is commonly used to indicate a Bottoming tap.

In America it is used to indicate a Second tap. To avoid confusion with American terms, the terminology adopted by British Standard 949 1979 as shown above, should be used.

|                                                             |                                                                                      |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Short Hand and Maching, Long Shank<br>Machine and Pipe Taps | 4" (6-8 threads) Taper<br>8" (3-1/2-5 threads) Second<br>23" (2-3 threads) Bottoming |
| Spiral Point Taps                                           | 8" (4-5 threads)                                                                     |
| Spiral Flute Taps                                           | 23" (2-3 threads)                                                                    |
| Fluteless Taps                                              | 23" (2-3 threads)                                                                    |

板牙Dies ISO和GB系列（丝锥类）

公制圆板牙 METRIC DIES/M  
ISO2568 DIN223

普通圆牙板  
normal dies

可调圆牙板  
adjustable round split dies

材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

螺尖圆牙板  
spiral pointed dies



| 规格<br>Size | 外圆<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| M1x0.2     | 16            | 5               |
| M1x0.25    | 16            | 5               |
| M1.2x0.2   | 16            | 5               |
| M1.2x0.25  | 16            | 5               |
| M1.4x0.2   | 16            | 5               |
| M1.4x0.3   | 16            | 5               |
| M1.6x0.2   | 16            | 5               |
| M1.6x0.35  | 16            | 5               |
| M1.8x0.2   | 16            | 5               |
| M1.8x0.35  | 16            | 5               |
| M2x0.25    | 16            | 5               |
| M2x0.4     | 16            | 5               |
| M2.2x0.25  | 16            | 5               |
| M2.2x0.45  | 16            | 5               |
| M2.5x0.35  | 16            | 5               |
| M2.5x0.45  | 16            | 5               |
| M3x0.35    | 20            | 5               |
| M3x0.5     | 20            | 5               |
| M3.5x0.35  | 20            | 5               |
| M3.5x0.6   | 20            | 5               |
| M4x0.5     | 20            | 5               |
| M4x0.7     | 20            | 5               |
| M4.5x0.5   | 20            | 5               |
| M4.5x0.75  | 20            | 7               |
| M5x0.5     | 20            | 5               |
| M5x0.8     | 20            | 7               |
| M5.5x0.5   | 20            | 5               |

| 规格<br>Size | 外圆<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| M6x0.75    | 20            | 7               |
| M6x1       | 20            | 7               |
| M7x0.75    | 25            | 9               |
| M7x1       | 25            | 9               |
| M8x1       | 25            | 9               |
| M8x1.25    | 25            | 9               |
| M8x0.2     | 25            | 9               |
| M9x1       | 25            | 9               |
| M10x1      | 30            | 11              |
| M10x1.25   | 30            | 11              |
| M10x1.5    | 30            | 11              |
| M12x1.25   | 38            | 10              |
| M12x1.5    | 38            | 10              |
| M12x1.75   | 38            | 14              |
| M14x1.25   | 38            | 10              |
| M14x1.5    | 38            | 10              |
| M14x2      | 38            | 14              |
| M15x1.5    | 38            | 10              |
| M16x1.5    | 45            | 14              |
| M16x2      | 45            | 18              |
| M17x1.5    | 45            | 14              |
| M18x1.5    | 45            | 14              |
| M18x2      | 45            | 14              |
| M18x2.5    | 45            | 18              |
| M20x1.5    | 45            | 14              |
| M20x2      | 45            | 14              |
| M20x2.5    | 45            | 18              |

板牙Dies ISO和GB系列（丝锥类）

公制圆板牙 METRIC DIES/M  
ISO2568

普通圆牙板  
normal dies

可调圆牙板  
adjustable round split dies

材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

螺尖圆牙板  
spiral pointed dies

| 规格<br>Size | 外圆<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| M22x1.5    | 55            | 16              |
| M22x2      | 55            | 16              |
| M22x2.5    | 55            | 22              |
| M24x1.5    | 55            | 16              |
| M24x2      | 55            | 16              |
| M24x3      | 55            | 22              |
| M25x1.5    | 55            | 16              |
| M25x2.0    | 55            | 16              |
| M27x1.5    | 65            | 18              |
| M27x2      | 65            | 18              |
| M27x3      | 65            | 25              |
| M28x1.5    | 65            | 18              |
| M28x2      | 65            | 18              |
| M30x1.5    | 65            | 18              |
| M30x2      | 65            | 18              |
| M30x3      | 65            | 25              |
| M30x3.5    | 65            | 25              |
| M32x1.5    | 65            | 18              |
| M32x2      | 65            | 18              |
| M33x1.5    | 65            | 18              |
| M33x2      | 65            | 18              |
| M33x3      | 65            | 25              |
| M33x3.5    | 65            | 25              |
| M35x1.5    | 65            | 18              |
| M36x1.5    | 65            | 18              |
| M36x2      | 65            | 18              |
| M36x3      | 65            | 25              |
| M36x4      | 65            | 25              |
| M39x1.5    | 75            | 20              |
| M39x2      | 75            | 20              |
| M39x3      | 75            | 30              |
| M39x4      | 75            | 30              |
| M40x1.5    | 75            | 20              |
| M40x2      | 75            | 20              |
| M40x3      | 75            | 30              |

| 规格<br>Size | 外圆<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| M42x1.5    | 75            | 20              |
| M42x2      | 75            | 20              |
| M42x3      | 75            | 30              |
| M42x4      | 75            | 30              |
| M42x4.5    | 75            | 30              |
| M45x1.5    | 90            | 22              |
| M45x2      | 90            | 22              |
| M45x3      | 90            | 36              |
| M45x4      | 90            | 36              |
| M48x1.5    | 90            | 22              |
| M48x2      | 90            | 22              |
| M48x3      | 90            | 36              |
| M48x4      | 90            | 36              |
| M48x5      | 90            | 36              |
| M50x1.5    | 90            | 22              |
| M50x2      | 90            | 22              |
| M50x3      | 90            | 36              |
| M52x1.5    | 90            | 22              |
| M52x2      | 90            | 22              |
| M52x3      | 90            | 36              |
| M52x4      | 90            | 36              |
| M52x5      | 90            | 36              |
| M55x1.5    | 105           | 22              |
| M55x2      | 105           | 22              |
| M55x3      | 105           | 36              |
| M55x4      | 105           | 36              |
| M56x1.5    | 105           | 22              |
| M56x2      | 105           | 22              |
| M56x3      | 105           | 36              |
| M56x4      | 105           | 36              |
| M56x5.5    | 105           | 36              |
| M60x5.5    | 105           | 36              |
| M64x6      | 120           | 36              |
| M68x6      | 120           | 36              |

板牙Dies ISO和GB系列（丝锥类）

材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

普通圆板牙  
normal dies

可调圆板牙  
adjustable round split dies

螺尖圆板牙  
spiral pointed dies



| 规格<br>Size  | 外圆<br>Outside | 厚度<br>Thirckness |
|-------------|---------------|------------------|
| NO.0-80UNF  | 16            | 5                |
| NO.1-64UNC  | 16            | 5                |
| NO.1-72UNF  | 16            | 5                |
| NO.2-56UNC  | 16            | 5                |
| NO.2-64UNF  | 16            | 5                |
| NO.3-48UNC  | 16            | 5                |
| NO.3-56UNF  | 16            | 5                |
| NO.4-40UNC  | 20            | 5                |
| NO.4-48UNF  | 20            | 5                |
| NO.5-40UNC  | 20            | 5                |
| NO.5-44UNF  | 20            | 5                |
| NO.6-32UNC  | 20            | 7                |
| NO.6-40UNF  | 20            | 5                |
| NO.8-32UNC  | 20            | 7                |
| NO.8-36UNF  | 20            | 7                |
| NO.10-24UNC | 20            | 7                |
| NO.10-32UNF | 20            | 7                |
| NO.12-24UNC | 20            | 7                |
| NO.12-28UNF | 20            | 7                |
| 1/4-20UNC   | 20            | 7                |
| 1/4-28UNF   | 20            | 7                |
| 5/16-18UNC  | 25            | 9                |
| 5/16-24UNF  | 25            | 9                |
| 3/8-16UNC   | 30            | 11               |
| 3/8-24UNF   | 30            | 11               |
| 7/16-14UNC  | 30            | 11               |

| 规格<br>Size     | 外圆<br>Outside | 厚度<br>Thirckness |
|----------------|---------------|------------------|
| 7/16-20UNF     | 30            | 11               |
| 1/2-13UNC      | 38            | 14               |
| 1/2-20UNF      | 38            | 10               |
| 9/16-12UNC     | 38            | 14               |
| 9/16-18UNF     | 38            | 10               |
| 5/8-11UNC      | 45            | 18               |
| 5/8-18UNF      | 45            | 14               |
| 3/4-10UNC      | 45            | 18               |
| 3/4-16UNF      | 45            | 14               |
| 7/8-9UNC       | 55            | 22               |
| 7/8-14UNF      | 55            | 16               |
| 1-8UNC         | 55            | 22               |
| 1-12UNF        | 55            | 16               |
| 1-1/8-7UNC     | 65            | 25               |
| 1-1/8-12UNF    | 65            | 18               |
| 1-1/4-7UNC     | 65            | 25               |
| 1-1/4-12UNF    | 65            | 18               |
| 1-3/8-6UNC     | 65            | 25               |
| 1-3/8-12UNF    | 65            | 18               |
| 1-1/2-6UNC     | 75            | 30               |
| 1-1/2-12UNF    | 75            | 20               |
| 1-3/4-5UNC     | 90            | 36               |
| 2-4-1/2UNC     | 90            | 36               |
| 2-1/4-4-1/2UNC | 105           | 36               |
| 2-1/2-4UNC     | 120           | 36               |
| 2-3/4-4UNC     | 120           | 36               |

板牙Dies ISO和GB系列（丝锥类）

材料: 高速钢、合金钢、碳钢  
Material: HSS-M2, HSS-M35  
Alloy steel, Carbon steel

普通圆板牙  
normal dies

可调圆板牙  
adjustable round split dies

螺尖圆板牙  
spiral pointed dies



| 规格<br>Size  | 外圆<br>Outside | 厚度<br>Thirckness |
|-------------|---------------|------------------|
| 1/8-40BSW   | 20            | 5                |
| 3/16-24BSW  | 20            | 7                |
| 3/16-32BSF  | 20            | 7                |
| 1/4-20BSW   | 25            | 9                |
| 1/4-26BSF   | 25            | 9                |
| 5/16-18BSW  | 25            | 9                |
| 5/16-22BSF  | 25            | 9                |
| 3/8-16BSW   | 30            | 11               |
| 3/8-20BSF   | 30            | 11               |
| 7/16-14BSW  | 30            | 11               |
| 7/16-18BSF  | 30            | 11               |
| 1/2-12BSW   | 38            | 14               |
| 1/2-16BSF   | 38            | 10               |
| 9/16-12BSW  | 38            | 14               |
| 9/16-16BSF  | 38            | 10               |
| 5/8-11BSW   | 45            | 18               |
| 5/8-14BSF   | 45            | 14               |
| 11/16-11BSW | 45            | 18               |
| 11/16-14BSF | 45            | 14               |
| 3/4-10BSW   | 45            | 18               |
| 3/4-12BSF   | 45            | 14               |

| 规格<br>Size     | 外圆<br>Outside | 厚度<br>Thirckness |
|----------------|---------------|------------------|
| 7/8-9BSW       | 55            | 22               |
| 7/8-11BSWF     | 55            | 22               |
| 1-8BSW         | 55            | 22               |
| 1-10BSF        | 55            | 22               |
| 1-1/8-7BSW     | 65            | 25               |
| 1-1/8-9BSF     | 65            | 25               |
| 1-1/4-7BSW     | 65            | 25               |
| 1-1/4-9BSF     | 65            | 25               |
| 1-1/2-6BSW     | 75            | 30               |
| 1-1/2-8BSF     | 75            | 30               |
| 1-3/4-5BSW     | 90            | 36               |
| 1-3/4-7BSF     | 90            | 36               |
| 2-4-1/2BSW     | 90            | 36               |
| 2-7BSF         | 90            | 36               |
| 2-1/4-4BSW     | 105           | 36               |
| 2-1/4-6BSF     | 105           | 36               |
| 2-1/2-4BSW     | 120           | 36               |
| 2-1/2-6BSF     | 120           | 36               |
| 2-3/4-3-1/2BSW | 120           | 36               |
| 2-3/4-6BSF     | 120           | 36               |

DIN382六角板牙 HEXAGON DIES/M  
公制系列 metric series



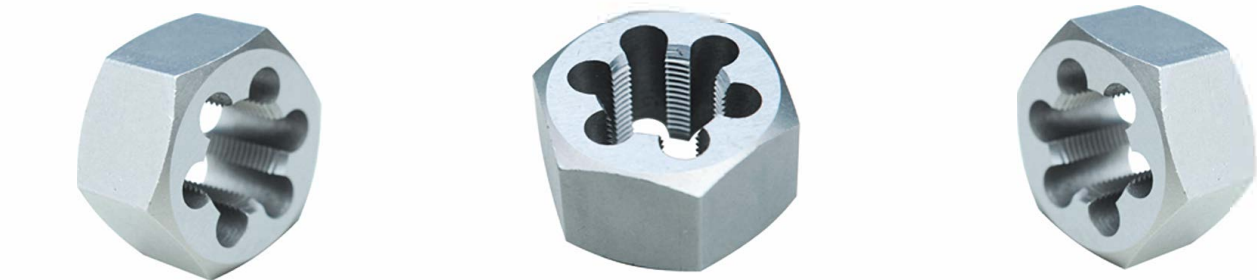
| 规格<br>Size | 方宽<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| M7×0.35    | 19            | 5               |
| M3×0.5     | 19            | 5               |
| M4×0.5     | 19            | 5               |
| M4×0.7     | 19            | 5               |
| M5×0.5     | 19            | 5               |
| M5×0.8     | 19            | 5               |
| M6×0.75    | 19            | 7               |
| M6×1       | 19            | 7               |
| M7×0.75    | 22            | 9               |
| M7×1       | 22            | 9               |
| M8×0.75    | 22            | 9               |
| M8×1       | 22            | 9               |
| M8×1.25    | 22            | 9               |
| M14×1      | 36            | 10              |
| M14×1.5    | 36            | 10              |
| M14×2      | 36            | 14              |
| M16×1      | 41            | 14              |
| M16×1.5    | 41            | 14              |
| M16×2      | 41            | 18              |
| M18×1      | 41            | 14              |
| M18×1.5    | 41            | 14              |
| M18×2.5    | 41            | 18              |
| M20×1      | 41            | 14              |
| M20×1.5    | 41            | 14              |
| M20×2      | 41            | 18              |
| M20×2.5    | 41            | 18              |
| M22×1      | 50            | 16              |
| M22×1.5    | 50            | 16              |
| M22×2      | 50            | 16              |
| M22×2.5    | 50            | 22              |
| M24×1      | 50            | 16              |
| M24×1.5    | 50            | 16              |
| M24×2      | 50            | 16              |
| M24×3      | 50            | 22              |
| M27×1      | 60            | 18              |
| M27×1.5    | 60            | 18              |
| M27×2      | 60            | 18              |
| M27×3      | 60            | 25              |
| M30×1      | 60            | 18              |
| M30×1.5    | 60            | 18              |
| M30×2      | 60            | 18              |
| M30×3.5    | 60            | 25              |

Die Series板牙系列

| 规格<br>Size | 方宽<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| M9×0.75    | 22            | 9               |
| M9×1       | 22            | 9               |
| M9×1.25    | 22            | 9               |
| M10×0.75   | 27            | 11              |
| M10×1      | 27            | 11              |
| M10×1.25   | 27            | 11              |
| M10×1.5    | 27            | 11              |
| M11×1      | 27            | 11              |
| M11×1.5    | 27            | 11              |
| M12×1      | 36            | 10              |
| M12×1.25   | 36            | 10              |
| M12×1.5    | 36            | 10              |
| M12×1.75   | 36            | 4               |
| M33×1.5    | 60            | 18              |
| M33×2      | 60            | 18              |
| M33×3.5    | 60            | 18              |
| M36×1.5    | 60            | 18              |
| M36×2      | 60            | 18              |
| M36×3      | 60            | 25              |
| M36×4      | 60            | 25              |
| M39×1.5    | 70            | 20              |
| M39×2      | 70            | 20              |
| M39×3      | 70            | 30              |
| M39×4      | 70            | 30              |
| M42×1.5    | 70            | 20              |
| M42×2      | 70            | 20              |
| M42×3      | 70            | 30              |
| M42×4.5    | 70            | 30              |
| M45×1.5    | 85            | 22              |
| M45×2      | 85            | 22              |
| M45×3      | 85            | 36              |
| M45×4.5    | 85            | 36              |
| M48×1.5    | 85            | 22              |
| M48×2      | 85            | 22              |
| M48×3      | 85            | 36              |
| M48×4      | 85            | 36              |
| M48×5      | 85            | 36              |
| M52×1.5    | 85            | 22              |
| M52×2      | 85            | 22              |
| M52×3      | 85            | 36              |
| M52×4      | 85            | 36              |
| M52×5      | 85            | 36              |

Die Series板牙系列

DIN382六角板牙 HEXAGON DIES/BSW. BSF  
英制系列 britain series



| 规格<br>Size  | 方宽<br>Outside | 厚度<br>Thickness |
|-------------|---------------|-----------------|
| 1/8-40 BSW  | 18            | 5               |
| 3/16-24BSW  | 18            | 7               |
| 3/16-32 BSF | 18            | 7               |
| 7/32-28 BSF | 18            | 7               |
| 1/4-20 BSW  | 18            | 7               |
| 1/4-26BSF   | 18            | 7               |
| 9/32-26BSF  | 21            | 9               |
| 5/16-18BSW  | 21            | 9               |
| 5/16-22BSF  | 21            | 9               |
| 3/8-16BSW   | 27            | 11              |
| 3/8-20BSF   | 27            | 11              |
| 7/16-14BSW  | 27            | 11              |
| 7/16-18BSF  | 27            | 11              |
| 1/2-12BSW   | 36            | 14              |
| 1/2-16BSF   | 36            | 14              |
| 9/16-12BSW  | 36            | 14              |
| 9/16-16BSF  | 36            | 10              |
| 5/8-11BSW   | 41            | 18              |
| 5/8-14BSF   | 41            | 14              |
| 11/16-11BSW | 41            | 18              |
| 11/16-14BSF | 41            | 14              |

| 规格<br>Size | 方宽<br>Outside | 厚度<br>Thickness |
|------------|---------------|-----------------|
| 3/4-10BSW  | 41            | 18              |
| 3/4-12BSF  | 41            | 18              |
| 7/8-9BSW   | 50            | 22              |
| 7/8-11BSF  | 50            | 22              |
| 1-8BSW     | 50            | 22              |
| 1-10BSF    | 50            | 22              |
| 1-1/8-7BSW | 60            | 25              |
| 1-1/8-9BSF | 60            | 25              |
| 1-1/4-7BSW | 60            | 25              |
| 1-1/4-9BSF | 60            | 25              |
| 1-3/8-6BSW | 60            | 25              |
| 1-3/8-6BSF | 60            | 25              |
| 1-1/2-6BSW | 70            | 30              |
| 1-1/2-8BSF | 70            | 30              |
| 1-5/8-5BSW | 70            | 30              |
| 1-5/8-8BSF | 70            | 30              |
| 1-3/4-5BSW | 85            | 36              |
| 1-3/4-7BSF | 85            | 36              |
| 2-4-1/2BSW | 85            | 36              |
| 2-7BSW     | 85            | 36              |

Die Series板牙系列

DIN382六角板牙 HEXAGON DIES/UNC. UNF

美制系列 united series



| 规格<br>Size  | 方宽<br>Outside | 厚度<br>Thickness | 规格<br>Size  | 方宽<br>Outside | 厚度<br>Thickness |
|-------------|---------------|-----------------|-------------|---------------|-----------------|
| NO.4-40UNC  | 19            | 5               | 1/2-20UNF   | 36            | 10              |
| NO.4-48UNF  | 19            | 5               | 9/16-12UNF  | 36            | 14              |
| NO.5-40UNC  | 19            | 5               | 9/16-18UNF  | 36            | 10              |
| NO.5-44UNF  | 19            | 5               | 5/8-11UNC   | 41            | 18              |
| NO.6-32UNC  | 19            | 7               | 5/8-18UNF   | 41            | 14              |
| NO.6-40UNF  | 19            | 5               | 3/4-10UNC   | 41            | 18              |
| NO.8-32UNC  | 19            | 7               | 3/4-16UNF   | 41            | 14              |
| NO.8-36UNF  | 19            | 7               | 7/8-9UNC    | 50            | 22              |
| NO.10-24UNC | 19            | 7               | 7/8-14UNF   | 50            | 16              |
| NO.10-32UNF | 19            | 7               | 1-8UNC      | 50            | 22              |
| NO.12-24UNC | 19            | 7               | 1-8UNF      | 50            | 16              |
| NO.12-28UNF | 19            | 7               | 1-1/8-7UNC  | 60            | 25              |
| 1/4-20UNC   | 18            | 7               | 1-1/8-12UNF | 60            | 18              |
| 1/4-28UNF   | 18            | 7               | 1-1/4-7UNC  | 60            | 25              |
| 5/16-18UNC  | 21            | 9               | 1-1/4-12UNF | 60            | 18              |
| 5/16-24UNF  | 21            | 9               | 1-3/8-6UNC  | 60            | 25              |
| 3/8-16UNC   | 27            | 11              | 1-3/8-12UNF | 60            | 18              |
| 3/8-24UNF   | 27            | 11              | 1-1/2-6UNC  | 70            | 30              |
| 7/16-14UNC  | 27            | 11              | 1-1/2-12UNF | 70            | 20              |
| 7/16-20UNF  | 27            | 11              | 1-3/4-5UNC  | 85            | 36              |
| 1/2-13UNC   | 36            | 14              | 2-4-1/2UNC  | 85            | 36              |

Carbide end mill series 合金铣刀系列

高速钢立铣刀  
HSS END MILL

材料: 高速钢  
Material: HSS-M2, HSS-M35



| 规格<br>Size | 柄 径<br>Shank | 刃 长<br>Thread | 总 长<br>Overall |
|------------|--------------|---------------|----------------|
| 2          | 6            | 7             | 51             |
| 3          | 6            | 8             | 52             |
| 4          | 6            | 11            | 55             |
| 5          | 6            | 13            | 57             |
| 6          | 6            | 13            | 57             |
| 7          | 10           | 16            | 66             |
| 8          | 10           | 19            | 69             |
| 9          | 10           | 19            | 69             |
| 10         | 10           | 22            | 72             |
| 11         | 12           | 22            | 79             |
| 12         | 12           | 26            | 83             |
| 13         | 12           | 26            | 83             |
| 14         | 12           | 26            | 83             |
| 15         | 12           | 26            | 83             |
| 16         | 16           | 32            | 92             |
| 17         | 16           | 32            | 92             |
| 18         | 16           | 32            | 92             |
| 19         | 16           | 32            | 92             |
| 20         | 20           | 38            | 104            |
| 21         | 20           | 38            | 104            |
| 22         | 20           | 38            | 104            |
| 23         | 20           | 38            | 104            |
| 24         | 25           | 45            | 121            |
| 25         | 25           | 45            | 121            |
| 26         | 25           | 45            | 121            |
| 27         | 25           | 45            | 121            |
| 28         | 25           | 45            | 121            |
| 29         | 25           | 45            | 121            |
| 30         | 25           | 45            | 121            |
| 31         | 32           | 53            | 133            |
| 36         | 32           | 53            | 133            |
| 40         | 40           | 63            | 155            |
| 45         | 40           | 63            | 155            |
| 50         | 40           | 75            | 177            |