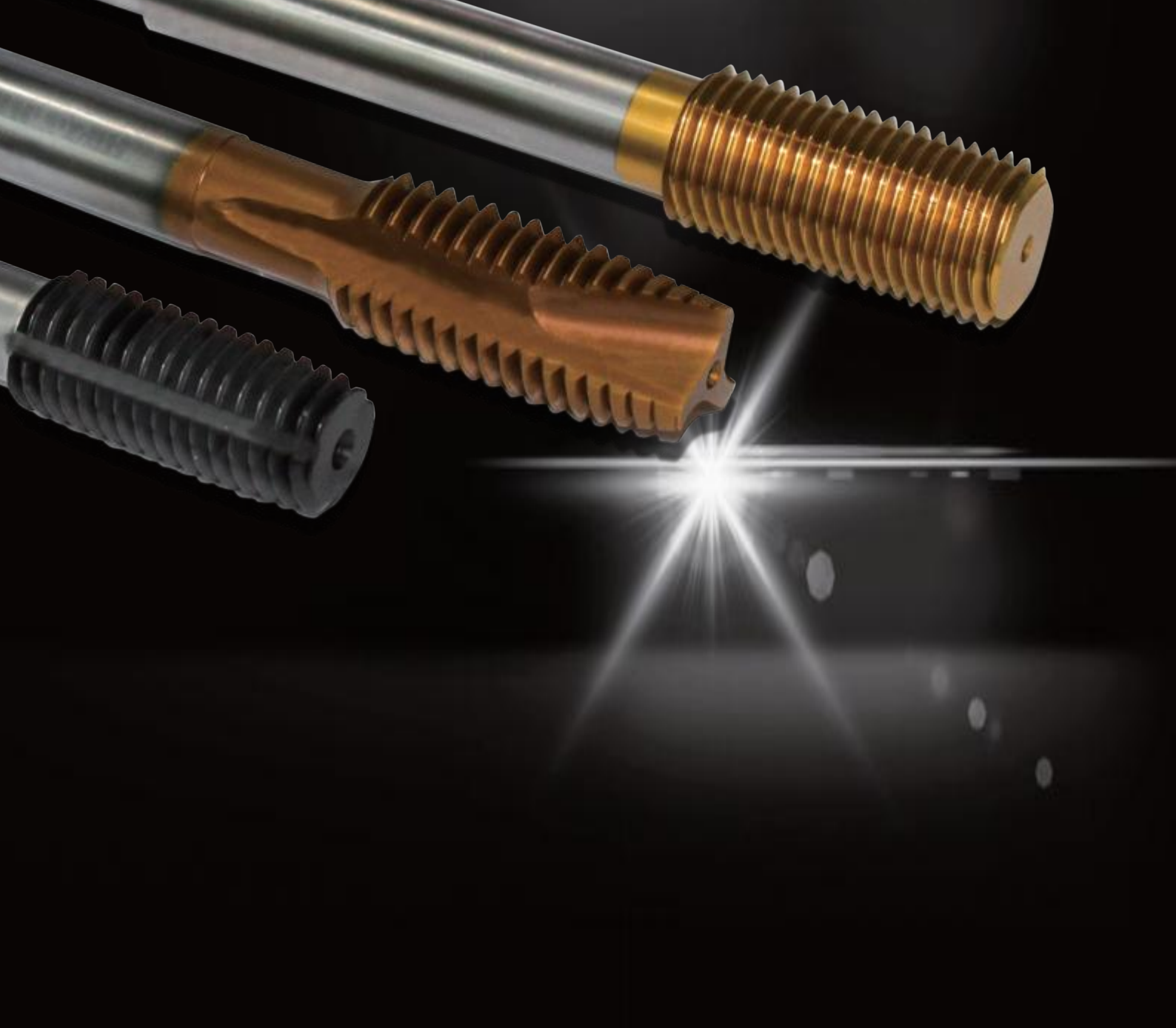


# MACHINE TAPS

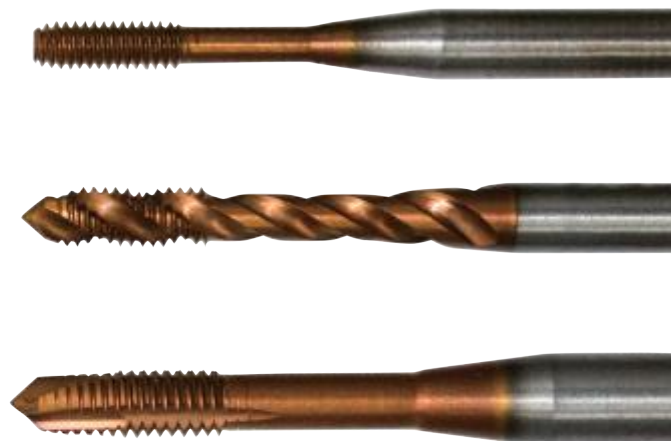




# MACHINE TAPS

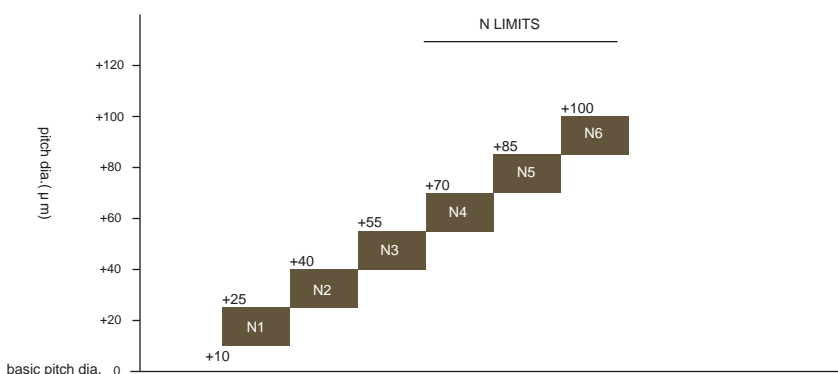
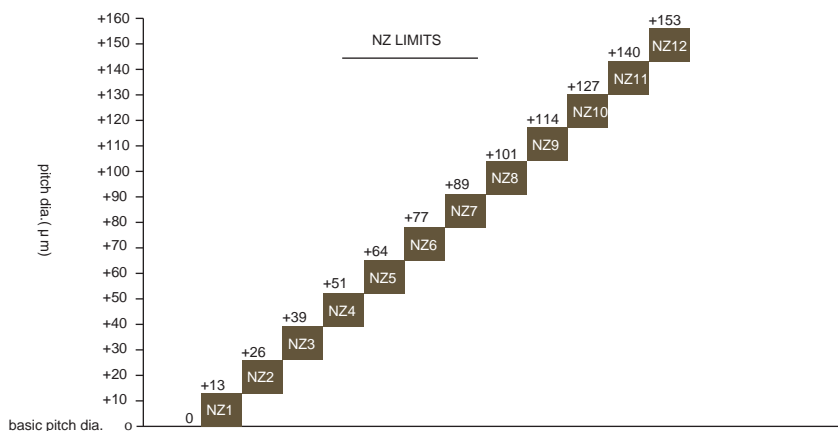
机用丝锥

Application to Electronics, Communication, Computer Industry Precision Thread  
have advantages  
优势应用电子，通讯，电脑行业精密螺纹



## Ordinary Forming Taps(Blind Hole)--metric

NS 普通型挤压丝锥盲孔用-公制



## Description of Taps Material and Coating

丝锥材质和涂层说明

| Material classification<br>材质类别 |                   |
|---------------------------------|-------------------|
| NC                              | Carbide<br>硬质合金   |
| XPM                             | HSS - PM<br>粉末高速钢 |
| HSSN                            | HSS - Co<br>含钴高速钢 |

| Surface coating treatment<br>表面涂层处理 |                             |
|-------------------------------------|-----------------------------|
| NN                                  | Oxidation treatment<br>氧化处理 |
| NT                                  | Tin coating<br>TiN涂层        |
| NC                                  | TiCN coating<br>TiCN涂层处理    |
| ND                                  | Diamond Coating<br>金刚石涂层    |

## Classification of taps

丝锥使用分类

|           |   |                         |      |
|-----------|---|-------------------------|------|
| NS        | Ordinary Forming Taps(Blind Hole) - - metric<br>普通型挤压丝锥盲孔用 - 公制   | M1.0 ~ M20.0            | P121 |
| NS        | Ordinary Forming Taps(Through Hole) - - metric<br>普通型挤压丝锥通孔用 - 公制 | M1.0 ~ M20.0            | P123 |
| NS        | Ordinary Forming Taps(Blind Hole) - - US<br>普通型挤压丝锥盲孔用 - 美制       | UNC1-64 ~ UNC3/4-10     | P125 |
| NS        | Ordinary Forming Taps(Through Hole) - US<br>普通型挤压丝锥通孔用 - 美制       | UNF0-80 ~ UNF3/4-16     | P126 |
| NS        | Ordinary Forming Taps(Blind Hole) - - Inch<br>普通型挤压丝锥盲孔用 - 英制     | BSW1/16-60 ~ BSW1/2-12  | P127 |
| NS        | Ordinary Forming Taps(Blind Hole) - - Inch<br>普通型挤压丝锥盲孔用 - 英制     | SM3/32-56 ~ SM1/4-24    | P128 |
| NS        | Ordinary Forming Taps(Blind Hole) - - US<br>普通型挤压丝锥盲孔用 - 美制       | UNC1-64 ~ UNC3/4-10     | P129 |
| NS        | Ordinary Forming Taps(Blind Hole) - - US<br>普通型挤压丝锥盲孔用 - 美制       | UNF0-80 ~ UNF3/4-16     | P130 |
| NT        | NT- Short Thread Forming Taps<br>短刃型挤压丝锥                          | M1.0 ~ M3.0             | P131 |
| NT-ZSC    | Short Guide Thread Forming Taps<br>短刃型导向挤压丝锥                      | M1.0 ~ M2.6             | P133 |
| NT-ZS     | Super Short Thread Forming Taps<br>超短刃型挤压丝锥                       | M1.0 ~ M2.6             | P134 |
| NT-ZS-SC  | Super Short Guide Thread Forming Taps<br>超短刃型挤压丝锥短引导牙             | M0.5 ~ M2.6             | P135 |
| NT-ZSN    | Low Resistance Short Thread Forming Taps<br>低阻力短刃型挤压丝锥            | M1.0 ~ M2.0             | P136 |
| NT-ZSN-SC | Low Resistance Short Guide Thread Forming Taps<br>低阻力短刃型挤压丝锥短引导牙  | M1.0 ~ M2.0             | P137 |
| NT-ZN     | Short Thread Deep Hole Forming Taps<br>短刃深孔型挤压丝锥                  | M2.0 ~ M7.0             | P138 |
| NT-ZN     | Short Thread Deep Hole Forming Taps<br>短刃深孔型挤压丝锥                  | M6.0 ~ M7.0             | P139 |
| NT-ZN-SC  | Short Guide Thread Deep Hole Forming Taps<br>短刃深孔型挤压丝锥短引导牙        | M8.0 ~ M12.0            | P140 |
| NS-ZSC    | Ordinary Short Guide Forming Taps - - Metric<br>普通型挤压丝锥短引导牙 - 公制  | UNC5/16-18 ~ UNF 3/8-24 | P141 |
| NS-ZSC    | Ordinary Short Guide Forming Taps - - US<br>普通型挤压丝锥短引导牙 - 美制      | M2.0 ~ M7.0             | P142 |
| NS-ZD     | Oil Groove Ordinary Forming Taps - - Metric<br>带油槽普通型挤压丝锥 - 公制    | M8.0 ~ M12.0            | P143 |

## Classification of taps

丝锥使用分类

|          |   |                            |      |
|----------|---|----------------------------|------|
| NS-ZD    | oil Groove Ordinary Forming Taps - -US<br>带油槽普通型挤压丝锥 - 美制       | UNC5/16 - 18 ~ UNC3/8 - 16 | P145 |
| NS-ZD    | oil Groove Ordinary Forming Taps - -US<br>带油槽普通型挤压丝锥 - 美制       | UNF5/16 - 24 ~ UNF3/8 - 24 | P146 |
| NS-ZND   | Oil Groove Deep Hole Forming Taps - -Metric<br>带油槽深孔型挤压丝锥 - 公制  | M4.0 ~ M7.0                | P147 |
| NS-ZND   | Oil Groove Deep Hole Forming Taps - -US<br>带油槽深孔型挤压丝锥 - 美制      | UNC8 - 32 ~ UNC1/4 - 20    | P148 |
| NS-ZND   | Oil Groove Deep Hole Forming Taps - -US<br>带油槽深孔型挤压丝锥 - 美制      | UNF10 - 32 ~ UNF1/4 - 28   | P149 |
| NS-ZN    | Deep Hole Forming Taps - -metric<br>深孔型挤压丝锥 - 公制                | M3.5 ~ M7.0                | P150 |
| NS-ZN    | Deep Hole Forming Taps - -US<br>深孔型挤压丝锥 - 美制                    | UNC2 - 56 ~ UNC1/4 - 20    | P151 |
| NS-ZN    | Deep Hole Forming Taps - -US<br>深孔型挤压丝锥 - 美制                    | UNF2 - 64 ~ UNF1/4 - 28    | P152 |
| NS-ZN    | Deep Hole Forming Taps - -Inch<br>深孔型挤压丝锥 - 英制                  | BSW3/32 ~ BSW 1/4 - 20     | P153 |
| NS-ZN    | Deep Hole Forming Taps - -Inch<br>深孔型挤压丝锥 - 英制                  | SM3/32 - 56 ~ SM1/4 - 24   | P154 |
| NS-ZN-SC | Short Guide Deep Hole Forming Taps - Metric<br>深孔型挤压丝锥短引导牙 - 公制 | M3.5 - -M7.0               | P155 |
| NS-ZN-SC | Short Guide Deep Hole Forming Taps - US<br>深孔型挤压丝锥短引导牙 - 美制     | UNC2 - 56 ~ UNC1/4 - 20    | P156 |
| NS-ZLH0  | Long Handle Forming Taps - -Metric<br>加长柄型挤压丝锥 - 公制             | M1.0 ~ M10.0               | P157 |
| NS-ZLH0  | Long Handle Forming Taps - -US<br>加长柄型挤压丝锥 - 美制                 | UN No.0 ~ UN3/8            | P159 |
| NS-ZLH1  | Middle Long Handle Forming Taps - -US<br>加长柄型挤压丝锥 - 美制          | UN No.0 ~ UN3/8            | P160 |
| NS-ZLH1  | Middle Long Handle Forming Taps - -Metric<br>加长柄型挤压丝锥 - 公制      | M1.0 ~ M10.0               | P161 |
| NS-ZLH2  | Super Long Handle Forming Taps - -Metric<br>加长柄型挤压丝锥 - 公制       | M1.0 ~ M6                  | P163 |
| NS-ZLH2  | Super Long Handle Forming Taps - -Metric<br>加长柄型挤压丝锥 - 公制       | M7.0 ~ M10                 | P165 |
| NS-ZLH2  | Super Long Handle Forming Taps - -US<br>加长柄型挤压丝锥 - 美制           | UN No.0 ~ UN3/8            | P166 |
| NS-ZL    | Long Thread Forming Taps - -Metric<br>加长牙型挤压丝锥 - 公制             | M2.0 ~ M6.0                | P167 |

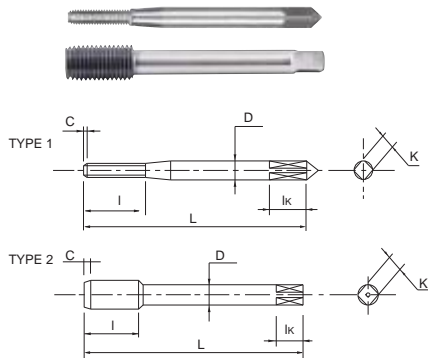
## Classification of taps

丝锥使用分类

|          |  |                     |      |
|----------|--|---------------------|------|
| NS-ZL    | Long Thread Forming Taps - -US<br>加长牙型挤压丝锥-美制  | UNC2-56 ~ UNC1/4-28 | P169 |
| NX       | Ordinary Spiral Taps - -metric<br>普通螺旋丝锥 - -公制 | M1.0 ~ M20.0        | P171 |
| NX       | Ordinary Spiral Taps - -US<br>普通螺旋丝锥 - -美制     | UNC1-64 ~ UNC3/4-10 | P177 |
| NX       | Ordinary Spiral Taps - -US<br>普通螺旋丝锥 - -美制     | UNF0-80 ~ UNF3/4-16 | P179 |
| NX-ZLH0  | Long handle Spiral Tap<br>加长柄螺旋丝锥              | M1.0 ~ M20.0        | P181 |
| NX-ZLH1  | Middle long handle Spiral Tap<br>中长柄螺旋丝锥       | M3.0 ~ M20          | P184 |
| NX-ZLH2  | Super long handle Spiral Tap<br>超长柄螺旋丝锥        | M3.0 ~ M20          | P186 |
| NX-ZLH3  | Specially handled Spiral Tap<br>特长柄螺旋丝锥        | M3.0 ~ M12          | P188 |
| NZT      | Ordinary Tip tap - -Metric<br>普通型先端槽丝锥-公制      | M1.0 ~ M20.0        | P189 |
| NZT      | Ordinary Tip tap - -Metric<br>普通型先端槽丝锥-公制      | M1.0 ~ M20.0        | P192 |
| NZT      | Ordinary Tip tap - -US<br>普通型先端槽丝锥-美制          | UNC2-56 ~ UNC3/4-10 | P195 |
| NZT      | Ordinary Tip tap - US<br>普通型先端槽丝锥-美制           | UNF2-64 ~ UNF3/4-16 | P197 |
| NZT-ZLH0 | Long Tip Taps<br>加长柄先端槽丝锥                      | M1.0 ~ M20          | P198 |
| NZT-ZLH1 | Middle long handled Tip Taps<br>中长柄先端槽丝锥       | M3.0 ~ M20          | P201 |
| NZT-ZLH2 | Super long handle Tip Taps<br>超长柄先端槽丝锥         | M3.0 ~ M20          | P203 |
| NZT-ZLH3 | Speciality Long handle Tip Taps<br>特长柄先端槽丝锥    | M3.0 ~ M12          | P205 |
| NZT-ZSS  | Stainless Steel Tip Taps<br>不锈钢用先端槽丝锥          | M1.0 ~ M20          | P206 |
| NX-ZSS   | Stainless Steel Spiral Taps<br>不锈钢用螺旋丝锥        | M1.0 ~ M20          | P209 |
| NZT-ZLT  | Threaded Sleeve Tip Taps<br>螺套先端槽丝锥            | M2.6 ~ M24          | P211 |
| NX-ZLT   | Threaded Sleeve Spiral Taps<br>螺套螺旋丝锥          | M2.6 ~ M24          | P212 |
| NN       | Nut Taps<br>螺母丝锥                               | M2.6 ~ M24          | P213 |
| NV       | High Hardness Steel Taps<br>高硬度钢用丝锥            | M3.0 ~ M12          | P216 |

## Ordinary Forming Taps(Blind Hole)--metric

NS 普通型挤压丝锥盲孔用-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合通孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : M1.0\*0.25 NZ4 NS-XPM-NN

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|----|----|-----|-----|----|
| M1.0        | 0.25  | NZ4   | 1    | 2P | 30 | 4.5  | -  | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 2P | 30 | 4.5  | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 2P | 32 | 4.5  | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 2P | 32 | 4.5  | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 2P | 34 | 5.4  | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ5   | 1    | 2P | 34 | 5.4  | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 2P | 36 | 6.3  | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 2P | 36 | 6.3  | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 2P | 36 | 6.3  | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 2P | 36 | 6.3  | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 2P | 36 | 6.3  | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ5   | 1    | 2P | 36 | 6.3  | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 2P | 40 | 7.2  | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 2P | 40 | 7.2  | -  | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ4   | 1    | 2P | 42 | 8.1  | -  | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ5   | 1    | 2P | 42 | 8.1  | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 2P | 42 | 7.2  | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 2P | 42 | 7.2  | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 1    | 2P | 44 | 8.1  | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ6   | 1    | 2P | 44 | 8.1  | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 1    | 2P | 44 | 8.1  | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ6   | 1    | 2P | 44 | 8.1  | -  | -  | 3.0 | 2.5 | 5  |
| M3          | 0.50  | NZ5   | 1    | 2P | 46 | 9.0  | -  | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 1    | 2P | 46 | 9.0  | -  | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 1    | 2P | 46 | 9.0  | -  | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 1    | 2P | 48 | 10.8 | -  | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 1    | 2P | 48 | 10.8 | -  | -  | 4.0 | 3.2 | 6  |
| M4          | 0.70  | NZ6   | 1    | 2P | 52 | 12.6 | -  | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 1    | 2P | 52 | 12.6 | -  | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ8   | 1    | 2P | 52 | 12.6 | -  | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 1    | 2P | 52 | 13.5 | -  | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 1    | 2P | 52 | 13.5 | -  | -  | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 1    | 2P | 60 | 14.4 | -  | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 2P | 60 | 14.4 | -  | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 2P | 60 | 14.4 | -  | -  | 5.5 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 1    | 2P | 62 | 13.5 | -  | -  | 6.0 | 4.5 | 7  |

## Ordinary Forming Taps(Blind Hole)--metric

NS 普通型挤压丝锥盲孔用-公制

Order demonstration : M6.0\*0.75 NZ8 NS-XPM-NN

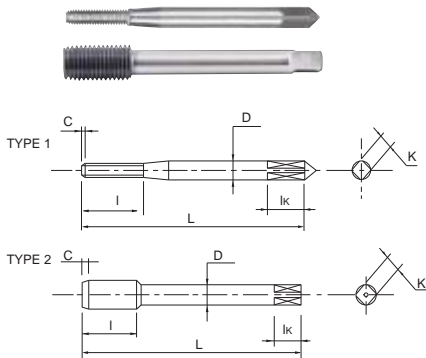
| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | Ik |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M6          | 0.75  | NZ8   | 1    | 2P | 62  | 13.5 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 1.00  | NZ8   | 1    | 2P | 62  | 18.0 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 1.00  | NZ9   | 1    | 2P | 62  | 18.0 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 1.00  | NZ10  | 1    | 2P | 62  | 18.0 | -  | -  | 6.0  | 4.5  | 7  |
| M7          | 0.75  | NZ7   | 1    | 2P | 65  | 13.5 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 0.75  | NZ8   | 1    | 2P | 65  | 13.5 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | NZ9   | 2    | 2P | 65  | 18.0 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | NZ10  | 2    | 2P | 65  | 18.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | NZ7   | 2    | 2P | 70  | 13.5 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | NZ8   | 2    | 2P | 70  | 13.5 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | NZ9   | 2    | 2P | 70  | 18.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | NZ10  | 2    | 2P | 70  | 18.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | NZ10  | 2    | 2P | 70  | 21.3 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | NZ11  | 2    | 2P | 70  | 21.3 | -  | -  | 6.2  | 5.0  | 8  |
| M9          | 1.00  | NZ9   | 2    | 2P | 72  | 18.0 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | NZ10  | 2    | 2P | 72  | 18.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | NZ9   | 2    | 2P | 75  | 18.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | NZ10  | 2    | 2P | 75  | 18.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | NZ10  | 2    | 2P | 75  | 22.5 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | NZ11  | 2    | 2P | 75  | 22.5 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | NZ11  | 2    | 2P | 75  | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | NZ12  | 2    | 2P | 75  | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.00  | NZ9   | 2    | 2P | 82  | 18.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | NZ10  | 2    | 2P | 82  | 18.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | NZ10  | 2    | 2P | 82  | 22.5 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | NZ11  | 2    | 2P | 82  | 22.5 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | NZ10  | 2    | 2P | 82  | 27.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | NZ11  | 2    | 2P | 82  | 27.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | NZ11  | 2    | 2P | 82  | 28.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | NZ12  | 2    | 2P | 82  | 28.0 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 1.00  | NZ    | 2    | 2P | 88  | 18.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | NZ    | 2    | 2P | 88  | 27.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | NZ    | 2    | 2P | 88  | 32.0 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 1.00  | NZ    | 2    | 2P | 95  | 18.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | NZ    | 2    | 2P | 95  | 27.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | NZ    | 2    | 2P | 95  | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 1.00  | NZ    | 2    | 2P | 100 | 18.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | NZ    | 2    | 2P | 100 | 27.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | NZ    | 2    | 2P | 100 | 35.0 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 1.00  | NZ    | 2    | 2P | 105 | 18.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | NZ    | 2    | 2P | 105 | 27.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | NZ    | 2    | 2P | 105 | 35.0 | -  | -  | 15.0 | 12.0 | 15 |





## Ordinary Forming Taps(Through Hole)--metric

NS 普通型挤压丝锥通孔用-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合通孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : M1.0\*0.25 NZ4 NS-XPM-NN

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|----|----|-----|-----|----|
| M1.0        | 0.25  | NZ4   | 1    | 4P | 30 | 5.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 4P | 30 | 5.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 4P | 32 | 5.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 4P | 32 | 5.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 4P | 34 | 6.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ5   | 1    | 4P | 34 | 6.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 4P | 36 | 7.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 4P | 36 | 7.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 4P | 36 | 7.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 4P | 36 | 7.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 4P | 36 | 7.0  | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ5   | 1    | 4P | 36 | 7.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 4P | 40 | 8.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 4P | 40 | 8.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 4P | 42 | 8.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 4P | 42 | 8.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 1    | 4P | 44 | 9.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 1    | 4P | 44 | 9.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 1    | 4P | 44 | 9.0  | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 1    | 4P | 44 | 9.0  | -  | -  | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ4   | 1    | 4P | 46 | 7.0  | -  | -  | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ5   | 1    | 4P | 46 | 7.0  | -  | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ5   | 1    | 4P | 46 | 10.0 | -  | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 1    | 4P | 46 | 10.0 | -  | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 1    | 4P | 46 | 10.0 | -  | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 1    | 4P | 48 | 10.8 | -  | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 1    | 4P | 48 | 10.8 | -  | -  | 4.0 | 3.2 | 6  |
| M4          | 0.50  | NZ5   | 1    | 4P | 52 | 10.0 | -  | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ6   | 1    | 4P | 52 | 10.0 | -  | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ5   | 1    | 4P | 52 | 14.0 | -  | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 1    | 4P | 52 | 14.0 | -  | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 1    | 4P | 52 | 13.5 | -  | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 1    | 4P | 52 | 13.5 | -  | -  | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 1    | 4P | 60 | 16.0 | -  | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 4P | 60 | 16.0 | -  | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 4P | 60 | 16.0 | -  | -  | 5.5 | 4.5 | 7  |

## Ordinary Forming Taps(Through Hole)--metric

NS 普通型挤压丝锥通孔用-公制

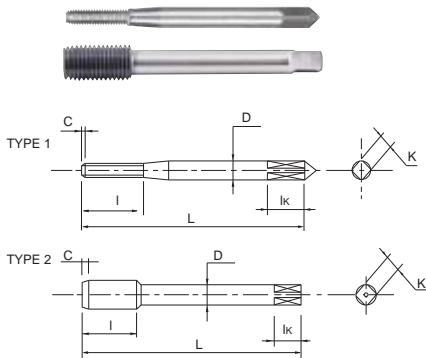
Order demonstration : M6.0\*0.75 NZ7 NS-XPM-NN

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M6          | 0.75  | NZ7   | 1    | 4P | 62  | 15.0 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 0.75  | NZ8   | 1    | 4P | 62  | 15.0 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 1.00  | NZ8   | 1    | 4P | 62  | 20.0 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 1.00  | NZ9   | 1    | 4P | 62  | 20.0 | -  | -  | 6.0  | 4.5  | 7  |
| M6          | 1.00  | NZ10  | 1    | 4P | 62  | 20.0 | -  | -  | 6.0  | 4.5  | 7  |
| M7          | 0.75  | NZ7   | 2    | 4P | 65  | 15.0 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 0.75  | NZ8   | 2    | 4P | 65  | 15.0 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | NZ9   | 2    | 4P | 65  | 20.0 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | NZ10  | 2    | 4P | 65  | 20.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | NZ7   | 2    | 4P | 70  | 15.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | NZ8   | 2    | 4P | 70  | 15.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | NZ9   | 2    | 4P | 70  | 20.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | NZ10  | 2    | 4P | 70  | 20.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | NZ10  | 2    | 4P | 70  | 22.5 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | NZ11  | 2    | 4P | 70  | 22.5 | -  | -  | 6.2  | 5.0  | 8  |
| M9          | 1.00  | NZ9   | 2    | 4P | 72  | 20.0 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | NZ10  | 2    | 4P | 72  | 20.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | NZ10  | 2    | 4P | 75  | 20.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | NZ11  | 2    | 4P | 75  | 20.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | NZ9   | 2    | 4P | 75  | 25.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | NZ10  | 2    | 4P | 75  | 25.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | NZ11  | 2    | 4P | 75  | 27.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | NZ12  | 2    | 4P | 75  | 27.0 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.00  | NZ9   | 2    | 4P | 82  | 20.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | NZ10  | 2    | 4P | 82  | 20.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | NZ10  | 2    | 4P | 82  | 25.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | NZ11  | 2    | 4P | 82  | 25.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | NZ10  | 2    | 4P | 82  | 30.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | NZ11  | 2    | 4P | 82  | 30.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | NZ11  | 2    | 4P | 82  | 31.5 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | NZ12  | 2    | 4P | 82  | 31.5 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 1.00  | NZ    | 2    | 4P | 88  | 20.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | NZ    | 2    | 4P | 88  | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | NZ    | 2    | 4P | 88  | 36.0 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 1.00  | NZ    | 2    | 4P | 95  | 20.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | NZ    | 2    | 4P | 95  | 30.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | NZ    | 2    | 4P | 95  | 36.0 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 1.00  | NZ    | 2    | 4P | 100 | 20.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | NZ    | 2    | 4P | 100 | 30.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | NZ    | 2    | 4P | 100 | 40.0 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 1.00  | NZ    | 2    | 4P | 105 | 20.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | NZ    | 2    | 4P | 105 | 30.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | NZ    | 2    | 4P | 105 | 40.0 | -  | -  | 15.0 | 12.0 | 15 |



## Ordinary Forming Taps(Blind Hole)--US

普通型挤压丝锥盲孔用-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

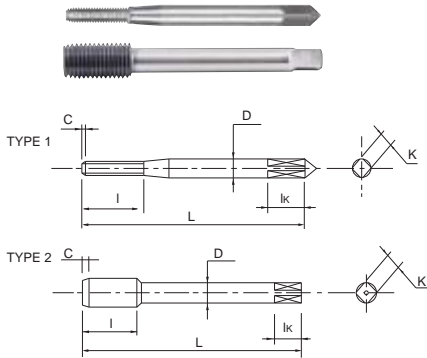
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : UNF No.1-64\*NZ4 NS-XPM-NN

| Thread size  | Limit | Type | C  | L   | I    | Dn | In | D    | k   | lk |
|--------------|-------|------|----|-----|------|----|----|------|-----|----|
| UNC No.1-64  | NZ4   | 1    | 2P | 36  | 7.1  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.2-56  | NZ4   | 1    | 2P | 42  | 8.2  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 1    | 2P | 42  | 8.2  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.3-48  | NZ4   | 1    | 2P | 44  | 9.5  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.3-48  | NZ5   | 1    | 2P | 44  | 9.5  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 1    | 2P | 44  | 11.4 | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 1    | 2P | 44  | 11.4 | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.5-40  | NZ4   | 1    | 2P | 46  | 11.4 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.5-40  | NZ5   | 1    | 2P | 46  | 11.4 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.6-32  | NZ5   | 1    | 2P | 48  | 12.7 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 1    | 2P | 48  | 12.7 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.8-32  | NZ6   | 1    | 2P | 52  | 12.7 | -  | -  | 5.0  | 4   | 7  |
| UNC No.8-32  | NZ7   | 1    | 2P | 52  | 12.7 | -  | -  | 5.0  | 4   | 7  |
| UNC No.10-24 | NZ7   | 1    | 2P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 2P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 2P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 2P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 2P | 62  | 17.8 | -  | -  | 6.0  | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 2P | 62  | 17.8 | -  | -  | 6.0  | 4.5 | 7  |
| UNC 5/16-18  | NZ9   | 2    | 2P | 70  | 19.8 | -  | -  | 6.1  | 5   | 8  |
| UNC 5/16-18  | NZ10  | 2    | 2P | 70  | 19.8 | -  | -  | 6.1  | 5   | 8  |
| UNC 3/8-16   | NZ10  | 2    | 2P | 75  | 22.2 | -  | -  | 7.0  | 5.5 | 8  |
| UNC 3/8-16   | NZ11  | 2    | 2P | 75  | 22.2 | -  | -  | 7.0  | 5.5 | 8  |
| UNC 7/16-14  | NZ    | 2    | 2P | 80  | 25.4 | -  | -  | 8.0  | 6   | 9  |
| UNC 1/2-13   | NZ    | 2    | 2P | 85  | 27.4 | -  | -  | 9.0  | 7   | 10 |
| UNC 9/16-12  | NZ    | 2    | 2P | 90  | 29.6 | -  | -  | 10.5 | 8   | 11 |
| UNC 5/8-11   | NZ    | 2    | 2P | 95  | 32.3 | -  | -  | 12.0 | 9   | 12 |
| UNC 3/4-10   | NZ    | 2    | 2P | 105 | 35.6 | -  | -  | 14.0 | 11  | 14 |

## Ordinary Forming Taps(Through Hole)-US

NS 普通型挤压丝锥通孔用-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

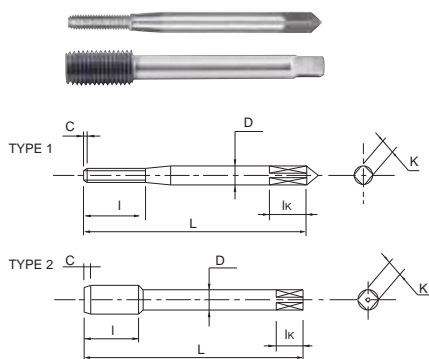
Order demonstration : UNF No.0-80\*NZ4 NS-XPM-NN

| Thread size  | Limit | Type | C  | L   | I    | Dn | In | D    | k    | lk |
|--------------|-------|------|----|-----|------|----|----|------|------|----|
| UNF No.0-80  | NZ4   | 1    | 2P | 36  | 7.1  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.1-17  | NZ4   | 1    | 2P | 36  | 7.1  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.2-64  | NZ4   | 1    | 2P | 42  | 8.2  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.3-56  | NZ4   | 1    | 2P | 44  | 8.2  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.4-48  | NZ4   | 1    | 2P | 44  | 9.5  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.4-48  | NZ5   | 1    | 2P | 44  | 9.5  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.5-44  | NZ    | 1    | 2P | 46  | 10.4 | -  | -  | 4.0  | 3.2  | 6  |
| UNF No.6-60  | NZ4   | 1    | 2P | 48  | 11.4 | -  | -  | 4.0  | 3.2  | 6  |
| UNF No.6-60  | NZ5   | 1    | 2P | 48  | 11.4 | -  | -  | 4.0  | 3.2  | 6  |
| UNF No.8-36  | NZ    | 1    | 2P | 52  | 12.7 | -  | -  | 5.0  | 4.0  | 7  |
| UNF No.10-32 | NZ6   | 1    | 2P | 60  | 14.3 | -  | -  | 5.5  | 4.5  | 7  |
| UNF No.10-32 | NZ7   | 1    | 2P | 60  | 14.3 | -  | -  | 5.5  | 4.5  | 7  |
| UNF No.12-28 | NZ    | 1    | 2P | 60  | 16.3 | -  | -  | 5.5  | 4.5  | 7  |
| UNF 1/4-28   | NZ7   | 1    | 2P | 62  | 19.1 | -  | -  | 6.0  | 4.5  | 7  |
| UNF 1/4-28   | NZ8   | 1    | 2P | 62  | 19.1 | -  | -  | 6.0  | 4.5  | 7  |
| UNF 5/16-24  | NZ8   | 2    | 2P | 70  | 19.1 | -  | -  | 6.1  | 5.0  | 8  |
| UNF 5/16-24  | NZ9   | 2    | 2P | 70  | 19.1 | -  | -  | 6.1  | 5.0  | 8  |
| UNF 3/8-24   | NZ8   | 2    | 2P | 75  | 22.9 | -  | -  | 7.0  | 5.5  | 8  |
| UNF 3/8-24   | NZ9   | 2    | 2P | 75  | 22.9 | -  | -  | 7.0  | 5.5  | 8  |
| UNF 7/16-20  | NZ    | 2    | 2P | 80  | 22.9 | -  | -  | 8.0  | 6.0  | 9  |
| UNF 1/2-20   | NZ    | 2    | 2P | 85  | 22.9 | -  | -  | 9.0  | 7.0  | 10 |
| UNF 9/16-18  | NZ    | 2    | 2P | 90  | 25.4 | -  | -  | 10.5 | 8.0  | 11 |
| UNF 5/8-18   | NZ    | 2    | 2P | 95  | 25.4 | -  | -  | 12.0 | 9.0  | 12 |
| UNF 3/4-16   | NZ    | 2    | 2P | 105 | 28.6 | -  | -  | 14.0 | 11.0 | 14 |



## Ordinary Forming Taps(Blind Hole)--Inch

NS 普通型挤压丝锥盲孔用-英制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用，螺纹无削加工，攻牙深度<2.5倍的直径；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率；

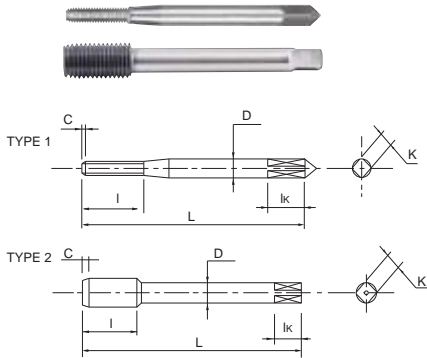
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

Order demonstration : BSW 1/16-60\*NZ4 NS-XPM-NN

| Thread size | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|------|----|----|------|----|----|-----|-----|----|
| BSW 1/16-60 | NZ    | 1    | 2P | 36 | 7.6  | -  | -  | 3.0 | 2.5 | 5  |
| BSW 3/32-48 | NZ    | 1    | 2P | 42 | 9.5  | -  | -  | 3.0 | 2.5 | 5  |
| BSW 1/8-40  | NZ    | 1    | 2P | 46 | 11.4 | -  | -  | 4.0 | 3.2 | 6  |
| BSW 5/32-32 | NZ    | 1    | 2P | 52 | 14.3 | -  | -  | 5.0 | 4.0 | 7  |
| BSW 3/16-24 | NZ    | 1    | 2P | 60 | 19.1 | -  | -  | 5.5 | 4.5 | 7  |
| BSW 7/32-24 | NZ    | 1    | 2P | 60 | 19.1 | -  | -  | 5.5 | 4.5 | 7  |
| BSW 1/4-20  | NZ    | 1    | 2P | 62 | 22.9 | -  | -  | 6.0 | 4.5 | 7  |
| BSW 5/16-18 | NZ    | 2    | 2P | 70 | 25.4 | -  | -  | 6.1 | 5.0 | 8  |
| BSW 3/8-16  | NZ    | 2    | 2P | 75 | 28.6 | -  | -  | 7.0 | 5.5 | 8  |
| BSW 7/16-14 | NZ    | 2    | 2P | 80 | 32.7 | -  | -  | 8.0 | 6.0 | 9  |
| BSW 1/2-12  | NZ    | 2    | 2P | 85 | 38.1 | -  | -  | 9.0 | 7.0 | 10 |

## Ordinary Forming Taps(Blind Hole)--Inch

NS 普通型挤压丝锥盲孔用-英制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用，螺纹无削加工，攻牙深度<2.5倍的直径；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率；

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

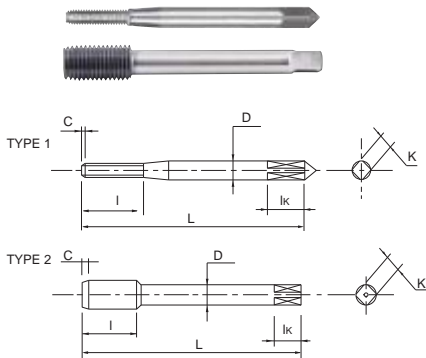
Order demonstration : SM3/32-56\*NZ4 NS-XPM-NN

| Thread size | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|------|----|----|------|----|----|-----|-----|----|
| SM3/32-56   | NZ    | 1    | 2P | 42 | 8.2  | -  | -  | 3.0 | 2.5 | 5  |
| SM1/8-48    | NZ    | 1    | 2P | 46 | 9.5  | -  | -  | 4.0 | 3.2 | 6  |
| SM1/8-44    | NZ    | 1    | 2P | 46 | 10.4 | -  | -  | 4.0 | 3.2 | 6  |
| SM1/8-40    | NZ    | 1    | 2P | 46 | 11.4 | -  | -  | 4.0 | 3.2 | 6  |
| SM9/64-40   | NZ    | 1    | 2P | 48 | 11.4 | -  | -  | 4.0 | 3.2 | 6  |
| SM11/64-40  | NZ    | 1    | 2P | 55 | 11.4 | -  | -  | 5.0 | 4.0 | 7  |
| SM11/64-32  | NZ    | 1    | 2P | 55 | 14.3 | -  | -  | 5.0 | 4.0 | 7  |
| SM3/16-40   | NZ    | 1    | 2P | 60 | 11.4 | -  | -  | 5.5 | 4.5 | 7  |
| SM3/16-32   | NZ    | 2    | 2P | 60 | 14.3 | -  | -  | 5.5 | 4.5 | 7  |
| SM3/16-28   | NZ    | 2    | 2P | 60 | 16.3 | -  | -  | 5.5 | 4.5 | 7  |
| SM3/16-24   | NZ    | 2    | 2P | 60 | 19.1 | -  | -  | 5.5 | 4.5 | 7  |
| SM13/64-32  | NZ    | 2    | 2P | 60 | 14.3 | -  | -  | 5.5 | 4.5 | 7  |
| SM7/32-32   | NZ    | 2    | 2P | 60 | 14.3 | -  | -  | 5.5 | 4.5 | 7  |
| SM16/64-28  | NZ    | 2    | 2P | 62 | 16.3 | -  | -  | 6.0 | 4.5 | 7  |
| SM1/4-40    | NZ    | 2    | 2P | 62 | 11.4 | -  | -  | 6.0 | 4.5 | 7  |
| SM1/4-28    | NZ    | 2    | 2P | 62 | 16.3 | -  | -  | 6.0 | 4.5 | 7  |
| SM1/4-24    | NZ    | 2    | 2P | 62 | 19.1 | -  | -  | 6.0 | 4.5 | 7  |



## Ordinary Forming Taps(Blind Hole)--US

NS 普通型挤压丝锥盲孔用-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

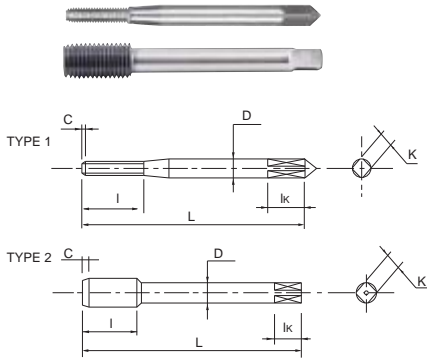
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : BSW UNC No.1-64\*NZ4 NS-XPM-NN

| Thread size  | Limit | Type | C  | L   | I    | Dn | In | D    | k   | lk |
|--------------|-------|------|----|-----|------|----|----|------|-----|----|
| UNC No.1-64  | NZ4   | 1    | 4P | 36  | 7.9  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.2-56  | NZ4   | 1    | 4P | 42  | 9.1  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 1    | 4P | 42  | 9.1  | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.3-48  | NZ4   | 1    | 4P | 44  | 10.6 | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.3-48  | NZ5   | 1    | 4P | 44  | 10.6 | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 1    | 4P | 44  | 12.7 | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 1    | 4P | 44  | 12.7 | -  | -  | 3.0  | 2.5 | 5  |
| UNC No.5-40  | NZ4   | 1    | 4P | 46  | 12.7 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.5-40  | NZ5   | 1    | 4P | 46  | 12.7 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.6-32  | NZ5   | 1    | 4P | 48  | 12.7 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 1    | 4P | 48  | 12.7 | -  | -  | 4.0  | 3.2 | 6  |
| UNC No.8-32  | NZ6   | 1    | 4P | 52  | 12.7 | -  | -  | 5.0  | 4   | 7  |
| UNC No.8-32  | NZ7   | 1    | 4P | 52  | 12.7 | -  | -  | 5.0  | 4   | 7  |
| UNC No.10-24 | NZ7   | 1    | 4P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 4P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 4P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 4P | 60  | 16.9 | -  | -  | 5.5  | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 4P | 62  | 17.8 | -  | -  | 6.0  | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 4P | 62  | 17.8 | -  | -  | 6.0  | 4.5 | 7  |
| UNC 5/16-18  | NZ9   | 2    | 4P | 70  | 19.8 | -  | -  | 6.1  | 5   | 8  |
| UNC 5/16-18  | NZ10  | 2    | 4P | 70  | 19.8 | -  | -  | 6.1  | 5   | 8  |
| UNC 3/8-16   | NZ10  | 2    | 4P | 75  | 22.2 | -  | -  | 7.0  | 5.5 | 8  |
| UNC 3/8-16   | NZ11  | 2    | 4P | 75  | 22.2 | -  | -  | 7.0  | 5.5 | 8  |
| UNC 7/16-14  | NZ    | 2    | 4P | 80  | 25.4 | -  | -  | 8.0  | 6   | 9  |
| UNC 1/2-13   | NZ    | 2    | 4P | 85  | 27.4 | -  | -  | 9.0  | 7   | 10 |
| UNC 9/16-12  | NZ    | 2    | 4P | 90  | 29.6 | -  | -  | 10.5 | 8   | 11 |
| UNC 5/8-11   | NZ    | 2    | 4P | 95  | 32.3 | -  | -  | 12.0 | 9   | 12 |
| UNC 3/4-10   | NZ    | 2    | 4P | 105 | 35.6 | -  | -  | 14.0 | 11  | 14 |

## Ordinary Forming Taps(Blind Hole)--US

NS 普通型挤压丝锥盲孔用-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : UNF No.0-80\*NZ4 NS-XPM-NN

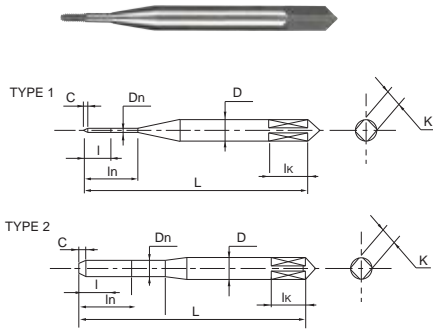
| Thread size  | Limit | Type | C  | L   | I    | Dn | In | D    | k    | Ik |
|--------------|-------|------|----|-----|------|----|----|------|------|----|
| UNF No.0-80  | NZ4   | 1    | 4P | 36  | 7.9  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.1-17  | NZ4   | 1    | 4P | 36  | 7.9  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.2-64  | NZ4   | 1    | 4P | 42  | 9.1  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.3-56  | NZ4   | 1    | 4P | 44  | 9.1  | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.4-48  | NZ4   | 1    | 4P | 44  | 10.6 | -  | -  | 3.0  | 2.5  | 5  |
| UNF No.5-44  | NZ    | 1    | 4P | 46  | 11.5 | -  | -  | 4.0  | 3.2  | 6  |
| UNF No.6-60  | NZ4   | 1    | 4P | 48  | 12.7 | -  | -  | 4.0  | 3.2  | 6  |
| UNF No.6-60  | NZ5   | 1    | 4P | 48  | 12.7 | -  | -  | 4.0  | 3.2  | 6  |
| UNF No.8-36  | NZ    | 1    | 4P | 52  | 14.1 | -  | -  | 5.0  | 4.0  | 7  |
| UNF No.10-32 | NZ6   | 1    | 4P | 60  | 15.9 | -  | -  | 5.5  | 4.5  | 7  |
| UNF No.10-32 | NZ7   | 1    | 4P | 60  | 15.9 | -  | -  | 5.5  | 4.5  | 7  |
| UNF No.12-28 | NZ    | 1    | 4P | 60  | 18.1 | -  | -  | 5.5  | 4.5  | 7  |
| UNF 1/4-28   | NZ7   | 1    | 4P | 62  | 21.2 | -  | -  | 6.0  | 4.5  | 7  |
| UNF 1/4-28   | NZ8   | 1    | 4P | 62  | 21.2 | -  | -  | 6.0  | 4.5  | 7  |
| UNF 5/16-24  | NZ8   | 2    | 4P | 70  | 21.2 | -  | -  | 6.1  | 5.0  | 8  |
| UNF 5/16-24  | NZ9   | 2    | 4P | 70  | 21.2 | -  | -  | 6.1  | 5.0  | 8  |
| UNF 3/8-24   | NZ8   | 2    | 4P | 75  | 25.4 | -  | -  | 7.0  | 5.5  | 8  |
| UNF 3/8-24   | NZ9   | 2    | 4P | 75  | 25.4 | -  | -  | 7.0  | 5.5  | 8  |
| UNF 7/16-20  | NZ    | 2    | 4P | 80  | 25.4 | -  | -  | 8.0  | 6.0  | 9  |
| UNF 1/2-20   | NZ    | 2    | 4P | 85  | 25.4 | -  | -  | 9.0  | 7.0  | 10 |
| UNF 9/16-18  | NZ    | 2    | 4P | 90  | 28.2 | -  | -  | 10.5 | 8.0  | 11 |
| UNF 5/8-18   | NZ    | 2    | 4P | 95  | 28.2 | -  | -  | 12.0 | 9.0  | 12 |
| UNF 3/4-16   | NZ    | 2    | 4P | 105 | 31.8 | -  | -  | 14.0 | 11.0 | 14 |





## NT-Short Thread Forming Taps

NT 短刃型挤压丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for shallow through hole, thread Machining without Cutting, tapping depth less than 2.5 times diameter;  
适合浅通孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Mainly suitable for the application of electronics, communications, computer industry, have significant advantages;  
主要适合应用电子、通讯、电脑行业、优势显著;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、有色金属;

Order demonstration : M1.0\*0.20 NZ3 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C  | L  | I   | Dn  | In  | D   | k   | lk |
|-------------|-------|-------|------|----|----|-----|-----|-----|-----|-----|----|
| M1.0        | 0.20  | NZ3   | 1    | 4P | 30 | 3.2 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | NZ4   | 1    | 4P | 30 | 3.2 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ3   | 1    | 2P | 30 | 3.5 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ3   | 1    | 4P | 30 | 4.0 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 2P | 30 | 3.5 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 4P | 30 | 4.0 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 2P | 30 | 3.5 | 1.1 | 7.0 | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ3   | 1    | 4P | 32 | 3.2 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 4P | 32 | 3.2 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ3   | 1    | 2P | 32 | 3.5 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ3   | 1    | 4P | 32 | 4.0 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 2P | 32 | 3.5 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 4P | 32 | 4.0 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 2P | 32 | 3.5 | 1.3 | 7   | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ3   | 1    | 4P | 34 | 3.2 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 4P | 34 | 3.2 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ3   | 1    | 4P | 34 | 4.8 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 2P | 34 | 4.2 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 4P | 34 | 4.8 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ5   | 1    | 2P | 34 | 4.2 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ6   | 1    | 2P | 34 | 4.2 | 1.5 | 8   | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ3   | 1    | 4P | 36 | 3.2 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 4P | 36 | 3.2 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 2P | 36 | 4.9 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 4P | 36 | 5.6 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 2P | 36 | 4.9 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 4P | 36 | 5.6 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ6   | 1    | 2P | 36 | 4.9 | 1.7 | 9   | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 2P | 36 | 4.9 | 1.8 | 9   | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 4P | 36 | 5.6 | 1.8 | 9   | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 2P | 36 | 4.9 | 1.8 | 9   | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 4P | 36 | 5.6 | 1.8 | 9   | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ6   | 1    | 2P | 36 | 4.9 | 1.8 | 9   | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 2P | 36 | 4.9 | 1.9 | 9   | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 4P | 36 | 5.6 | 1.9 | 9   | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ5   | 1    | 2P | 36 | 4.9 | 1.9 | 9   | 3.0 | 2.5 | 5  |

## NT-Short Thread Forming Taps

NT 短刃型挤压丝锥

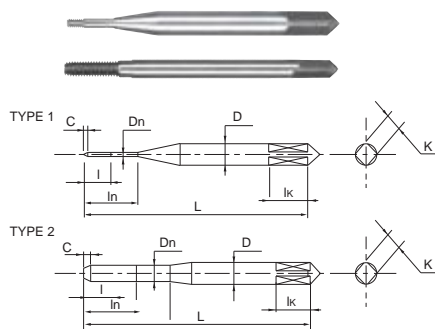
Order demonstration : M1.8\*0.35 NZ5 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C  | L  | I   | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|-----|-----|----|-----|-----|----|
| M1.8        | 0.35  | NZ5   | 1    | 4P | 36 | 5.6 | 1.9 | 9  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ6   | 1    | 2P | 36 | 4.9 | 1.9 | 9  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ3   | 1    | 4P | 40 | 4.0 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 4P | 40 | 4.0 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 2P | 40 | 5.6 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 4P | 40 | 6.4 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 2P | 40 | 5.6 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 4P | 40 | 6.4 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ6   | 1    | 2P | 40 | 5.6 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ4   | 2    | 2P | 42 | 6.3 | 2.3 | 10 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ4   | 2    | 4P | 42 | 6.3 | 2.3 | 10 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ5   | 2    | 2P | 42 | 6.3 | 2.3 | 10 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ5   | 2    | 4P | 42 | 6.3 | 2.3 | 10 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ6   | 2    | 2P | 42 | 6.3 | 2.3 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 2    | 2P | 42 | 5.6 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 2    | 4P | 42 | 6.4 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 2    | 2P | 42 | 5.6 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 2    | 4P | 42 | 6.4 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ6   | 2    | 2P | 42 | 5.6 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ4   | 2    | 4P | 44 | 5.6 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ5   | 2    | 4P | 44 | 5.6 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 2    | 4P | 44 | 7.2 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 2P | 44 | 6.3 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 4P | 44 | 7.2 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ6   | 2    | 2P | 44 | 6.3 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ7   | 2    | 2P | 44 | 6.3 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 2    | 4P | 44 | 7.2 | 2.7 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 2P | 44 | 6.3 | 2.7 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 4P | 44 | 7.2 | 2.7 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ6   | 2    | 2P | 44 | 6.3 | 2.7 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ7   | 2    | 2P | 44 | 6.3 | 2.7 | 11 | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ4   | 2    | 4P | 46 | 5.6 | 2.6 | 12 | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ5   | 2    | 4P | 46 | 5.6 | 2.6 | 12 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ5   | 2    | 4P | 46 | 8.0 | 3.1 | 12 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 2    | 4P | 46 | 8.0 | 3.1 | 12 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 2    | 4P | 46 | 8.0 | 3.1 | 12 | 4.0 | 3.2 | 6  |



## Short Guide Thread Forming Taps

NT-ZSC 短刃型导向挤压丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for shallow blind hole, thread Machining without Cutting, tapping depth less than 2.5 times diameter;  
适合浅盲孔用，螺纹无削加工，攻牙深度<2.5倍的直径；

Mainly suitable for the application of electronics, communications, computer industry, have significant advantages;  
主要适合应用电子、通讯、电脑行业、优势显著；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率；

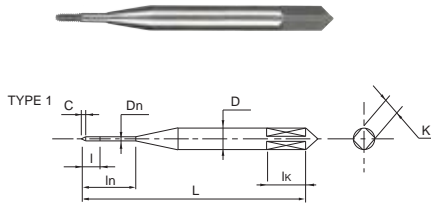
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、有色金属；

Order demonstration : M1.0\*0.25 NZ4 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C    | L  | I   | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|------|----|-----|-----|----|-----|-----|----|
| M1.0        | 0.25  | NZ4   | 1    | 0.5P | 30 | 3.1 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 0.5P | 30 | 3.1 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 0.5P | 32 | 3.1 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 0.5P | 32 | 3.1 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 0.5P | 34 | 3.8 | 1.5 | 8  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ5   | 1    | 0.5P | 34 | 3.8 | 1.5 | 8  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 0.5P | 36 | 4.4 | 1.7 | 9  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 0.5P | 36 | 4.4 | 1.7 | 9  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 0.5P | 40 | 5.0 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ6   | 1    | 0.5P | 40 | 5.0 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 2    | 0.5P | 42 | 5.0 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ6   | 2    | 0.5P | 42 | 5.0 | 2.4 | 10 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 0.5P | 44 | 5.6 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ6   | 2    | 0.5P | 44 | 5.6 | 2.6 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 0.5P | 44 | 5.6 | 2.7 | 11 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ6   | 2    | 0.5P | 44 | 5.6 | 2.7 | 11 | 3.0 | 2.5 | 5  |

## Super Short Thread Forming Taps

NT-ZS 超短刃型挤压丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for shallow through and blind hole, thread Machining without Cutting, tapping depth less than 1.5 times diameter;  
适合浅通孔和盲孔用, 螺纹无削加工, 攻牙深度<1.5倍的直径;

Mainly suitable for the application of electronics, communications, computer industry, have significant advantages;  
主要适合应用电子、通讯、电脑行业、优势显著;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程稳定性和效率;

Mainly used for small aperture processing, outstanding performance;  
主要用于小孔径的加工、性能突出;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

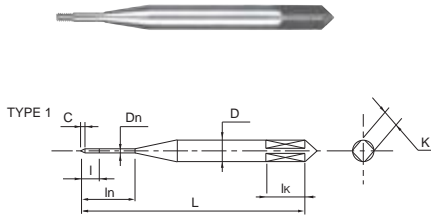
Order demonstration : M1.0\*0.20 NZ4 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C  | L  | I   | Dn  | In | D   | k   | Ik |
|-------------|-------|-------|------|----|----|-----|-----|----|-----|-----|----|
| M1.0        | 0.20  | NZ4   | 1    | 2P | 30 | 2.0 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 2P | 30 | 2.5 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 2P | 30 | 2.5 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 2P | 32 | 2.0 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 2P | 32 | 2.5 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 2P | 32 | 2.5 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 2P | 34 | 2.0 | 1.5 | 8  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 2P | 36 | 2.0 | 1.7 | 9  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 2P | 40 | 2.5 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| S0.5        | 0.13  | NZ    | 1    | 2P | 30 | 1.3 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| S0.6        | 0.15  | NZ    | 1    | 2P | 30 | 1.5 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| S0.7        | 0.18  | NZ    | 1    | 2P | 30 | 1.8 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| S0.8        | 0.20  | NZ    | 1    | 2P | 30 | 2.0 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| S0.9        | 0.23  | NZ    | 1    | 2P | 30 | 2.3 | 1.0 | 5  | 3.0 | 2.5 | 5  |



## Super Short Guide Thread Forming Taps

NT-ZS-SC 超短刃型挤压丝锥短引导牙



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for shallow through and blind hole, thread Machining without Cutting, tapping depth less than 1.5 times diameter;  
适合浅通孔和盲孔用，螺纹无削加工，攻牙深度<1.5倍的直径；

Mainly suitable for the application of electronics, communications, computer industry, have significant advantages;  
主要适合应用电子、通讯、电脑行业、优势显著；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程稳定性和效率；

Mainly used for small aperture processing, outstanding performance;  
主要用于小孔径加工、性能突出；

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

Order demonstration : M1.0\*0.20 NZ4 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C    | L  | I   | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|------|----|-----|-----|----|-----|-----|----|
| M0.5        | 0.13  | NZ    | 1    | 0.5P | 30 | 1.1 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M0.6        | 0.15  | NZ    | 1    | 0.5P | 30 | 1.3 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M0.7        | 0.18  | NZ    | 1    | 0.5P | 30 | 1.5 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M0.8        | 0.20  | NZ3   | 1    | 0.5P | 30 | 1.7 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M0.8        | 0.20  | NZ4   | 1    | 0.5P | 30 | 1.7 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M0.9        | 0.23  | NZ3   | 1    | 0.5P | 30 | 1.9 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M0.9        | 0.23  | NZ4   | 1    | 0.5P | 30 | 1.9 | 1.0 | 5  | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | NZ4   | 1    | 0.5P | 30 | 1.7 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 0.5P | 30 | 2.1 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 0.5P | 30 | 2.1 | 1.1 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 0.5P | 32 | 1.7 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 0.5P | 32 | 2.1 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 0.5P | 32 | 2.1 | 1.3 | 7  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 0.5P | 34 | 1.7 | 1.5 | 8  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 0.5P | 36 | 1.7 | 1.7 | 9  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 0.5P | 40 | 2.1 | 2.1 | 10 | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ5   | 1    | 0.5P | 40 | 2.1 | 2.1 | 10 | 3.0 | 2.5 | 5  |

## Low Resistance Short Thread Forming Taps

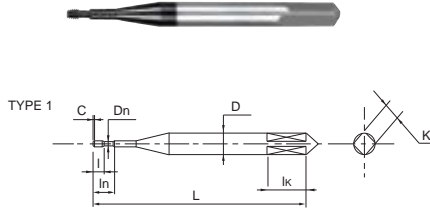
NT-ZSN 低阻力短刃型挤压丝锥

### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR



Suitable for through hole, thread Machining without Cutting, tapping depth more than 2 times diameter;  
适合通孔用, 螺纹无削加工, 攻牙深度>2倍的直径;

Mainly suitable for the application of electronics, communications, computer industry, have significant advantages;  
主要适合应用电子、通讯、电脑行业、优势显著;

Effectively reduce the resistance produced in the process of attacking teeth, avoidance design reduces the probability of breakage;  
有效减少攻牙过程中产生的阻力, 避空设计降低折断的概率;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

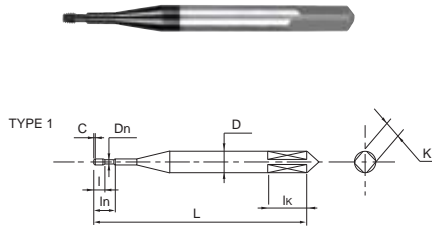
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : M1.0\*0.20 NZ4 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C  | L  | I   | Dn  | In  | D   | k   | lk |
|-------------|-------|-------|------|----|----|-----|-----|-----|-----|-----|----|
| M1.0        | 0.20  | NZ4   | 1    | 2P | 30 | 1.0 | 0.7 | 2.2 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 2P | 30 | 1.3 | 0.7 | 2.5 | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ5   | 1    | 2P | 30 | 1.3 | 0.7 | 2.5 | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 2P | 32 | 1.0 | 0.9 | 2.2 | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 2P | 32 | 1.3 | 0.9 | 2.5 | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ5   | 1    | 2P | 32 | 1.3 | 0.9 | 2.5 | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 2P | 34 | 1.0 | 1.1 | 3.4 | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 2P | 34 | 1.5 | 1.0 | 3.9 | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ5   | 1    | 2P | 34 | 1.5 | 1.0 | 3.9 | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 2P | 36 | 1.0 | 1.3 | 3.4 | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 2P | 36 | 1.8 | 1.2 | 4.2 | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 2P | 36 | 1.8 | 1.2 | 4.2 | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 2P | 40 | 1.0 | 1.7 | 4.0 | 3.0 | 2.5 | 5  |

## Low Resistance Short Guide Thread Forming Taps

NT-ZSN-SC 低阻力短刃型挤压丝锥短引导牙



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole, thread Machining without Cutting, tapping depth more than 2 times diameter;  
适合通孔用，螺纹无削加工，攻牙深度>2倍的直径；

Mainly suitable for the application of electronics, communications, computer industry, have significant advantages;  
主要适合应用电子、通讯、电脑行业、优势显著；

Effectively reduce the resistance produced in the process of attacking teeth, avoidance design reduces the probability of breakage;  
有效减少攻牙过程中产生的阻力，避免设计降低折断的概率；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率；

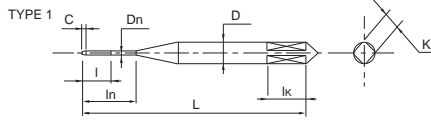
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

Order demonstration : M1.0\*0.20 NZ NT-XPM-NT

| Thread size | Pitch | Limit | Type | C    | L  | I   | Dn  | In  | D   | k   | lk  |
|-------------|-------|-------|------|------|----|-----|-----|-----|-----|-----|-----|
| M1.0        | 0.20  | NZ    | 1    | 0.5P | 30 | 0.7 | 0.7 | 1.9 | 3.0 | 2.5 | 2.5 |
| M1.0        | 0.25  | NZ4   | 1    | 0.5P | 30 | 0.9 | 0.7 | 2.1 | 3.0 | 2.5 | 2.5 |
| M1.0        | 0.25  | NZ5   | 1    | 0.5P | 30 | 0.9 | 0.7 | 2.1 | 3.0 | 2.5 | 2.5 |
| M1.2        | 0.20  | NZ    | 1    | 0.5P | 32 | 0.7 | 0.9 | 1.9 | 3.0 | 2.5 | 2.5 |
| M1.2        | 0.25  | NZ4   | 1    | 0.5P | 32 | 0.9 | 0.9 | 2.1 | 3.0 | 2.5 | 2.5 |
| M1.2        | 0.25  | NZ5   | 1    | 0.5P | 32 | 0.9 | 0.9 | 2.1 | 3.0 | 2.5 | 2.5 |
| M1.4        | 0.20  | NZ    | 1    | 0.5P | 34 | 0.7 | 1.1 | 3.1 | 3.0 | 2.5 | 2.5 |
| M1.4        | 0.30  | NZ4   | 1    | 0.5P | 34 | 1.1 | 1.0 | 3.5 | 3.0 | 2.5 | 2.5 |
| M1.4        | 0.30  | NZ5   | 1    | 0.5P | 34 | 1.1 | 1.0 | 3.5 | 3.0 | 2.5 | 2.5 |
| M1.6        | 0.20  | NZ    | 1    | 0.5P | 36 | 0.7 | 1.3 | 3.1 | 3.0 | 2.5 | 2.5 |
| M1.6        | 0.35  | NZ5   | 1    | 0.5P | 36 | 1.2 | 1.2 | 3.6 | 3.0 | 2.5 | 2.5 |
| M1.6        | 0.35  | NZ6   | 1    | 0.5P | 36 | 1.2 | 1.2 | 3.6 | 3.0 | 2.5 | 2.5 |
| M2.0        | 0.25  | NZ    | 1    | 0.5P | 40 | 0.7 | 1.7 | 3.7 | 3.0 | 2.5 | 2.5 |

## Short Thread Deep Hole Forming Taps

NT-ZN 短刃深孔型挤压丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合比较深的通孔用, 螺纹无削加工, 攻牙深度>2倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : M2.0\*0.40 NZ5 NT-XPM-NT

| Thread size | Pitch | Limit | Type | C  | L  | I   | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|----|----|-----|-----|------|-----|-----|----|
| M2.0        | 0.40  | NZ5   | 1    | 4P | 40 | 6.4 | 1.5 | 12.0 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ6   | 1    | 2P | 40 | 5.6 | 1.5 | 12.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 2P | 42 | 5.6 | 1.8 | 12.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 4P | 42 | 6.4 | 1.8 | 12.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 2P | 42 | 5.6 | 1.8 | 12.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 4P | 42 | 6.4 | 1.8 | 12.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ4   | 1    | 2P | 44 | 4.9 | 2.1 | 12.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ4   | 1    | 4P | 44 | 5.6 | 2.1 | 13.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 1    | 4P | 44 | 7.2 | 2.0 | 14.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 1    | 2P | 44 | 6.3 | 2.0 | 14.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 1    | 4P | 44 | 7.2 | 2.0 | 14.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ6   | 1    | 2P | 44 | 6.3 | 2.0 | 14.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ7   | 1    | 2P | 44 | 6.3 | 2.0 | 14.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 1    | 4P | 44 | 7.2 | 2.1 | 14.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 1    | 2P | 44 | 6.3 | 2.1 | 14.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 1    | 4P | 44 | 7.2 | 2.1 | 14.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ6   | 1    | 2P | 44 | 6.3 | 2.1 | 14.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ7   | 1    | 2P | 44 | 6.3 | 2.1 | 14.0 | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ4   | 1    | 2P | 46 | 4.9 | 2.6 | 13.0 | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ4   | 1    | 4P | 46 | 5.6 | 2.6 | 14.0 | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ5   | 1    | 4P | 46 | 5.6 | 2.6 | 14.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ5   | 1    | 4P | 46 | 8.0 | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 1    | 2P | 46 | 7.0 | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 1    | 4P | 46 | 8.0 | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 1    | 2P | 46 | 7.0 | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ8   | 1    | 2P | 46 | 7.0 | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M4          | 0.50  | NZ5   | 1    | 2P | 52 | 7.0 | 3.4 | 15.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ5   | 1    | 4P | 52 | 8.0 | 3.4 | 16.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ6   | 1    | 2P | 52 | 7.0 | 3.4 | 15.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ6   | 1    | 4P | 52 | 8.0 | 3.4 | 16.0 | 5.0 | 4.0 | 7  |
| M5          | 0.50  | NZ5   | 1    | 4P | 60 | 8.0 | 4.4 | 18   | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ6   | 1    | 2P | 60 | 8.0 | 4.4 | 18   | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ6   | 1    | 4P | 60 | 8.0 | 4.4 | 18   | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ7   | 1    | 2P | 60 | 8.0 | 4.4 | 18   | 5.5 | 4.5 | 7  |
| M6          | 0.50  | NZ6   | 1    | 2P | 62 | 8.0 | 5.4 | 18   | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ6   | 1    | 4P | 62 | 9.0 | 5.4 | 18   | 6.0 | 4.5 | 7  |





## Short Thread Deep Hole Forming Taps

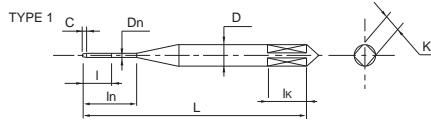
NT-ZN 短刃深孔型挤压丝锥

Order demonstration : M1.0\*0.50 NZ NT-XPM-NT

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|-----|----|-----|-----|----|
| M6          | 0.50  | NZ7   | 1    | 2P | 62 | 8.0  | 5.4 | 18 | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ7   | 1    | 4P | 62 | 9.0  | 5.4 | 18 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N7    | 1    | 2P | 62 | 10.5 | 5.2 | 21 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N7    | 1    | 4P | 62 | 12.0 | 5.2 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N8    | 1    | 2P | 62 | 10.5 | 5.2 | 21 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N8    | 1    | 4P | 62 | 12.0 | 5.2 | 22 | 6.0 | 4.5 | 7  |
| M7          | 0.75  | N7    | 1    | 2P | 65 | 10.5 | 5.8 | 21 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | N7    | 1    | 4P | 65 | 12.0 | 5.8 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | N8    | 1    | 2P | 65 | 10.5 | 5.8 | 21 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | N8    | 1    | 4P | 65 | 12.0 | 5.8 | 22 | 6.2 | 5.0 | 8  |

## Short Guide Thread Deep Hole Forming Taps

NT-ZN-SC 短刃深孔型挤压丝锥短引导牙



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合比较深的盲孔用, 螺纹无削加工, 攻牙深度>2倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

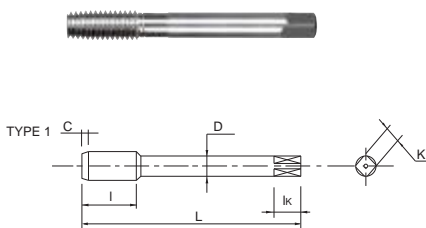
Order demonstration : M2.0\*0.25 NZ NT-XPM-NT

| Thread size | Pitch | Limit | Type | C    | L  | I   | Dn  | In   | D   | k   | Ik |
|-------------|-------|-------|------|------|----|-----|-----|------|-----|-----|----|
| M2.0        | 0.25  | NZ    | 1    | 0.5P | 40 | 3.1 | 1.7 | 10.0 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ    | 1    | 0.5P | 40 | 5.0 | 1.5 | 11.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ    | 1    | 0.5P | 42 | 5.0 | 1.8 | 11.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ    | 1    | 0.5P | 44 | 4.4 | 2.1 | 12.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ    | 1    | 0.5P | 44 | 5.6 | 2.0 | 13.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ    | 1    | 0.5P | 44 | 5.6 | 2.1 | 13.0 | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ    | 1    | 0.5P | 46 | 4.4 | 2.6 | 13.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ    | 1    | 0.5P | 46 | 6.3 | 2.4 | 15.0 | 4.0 | 3.5 | 6  |
| M4          | 0.50  | NZ    | 1    | 0.5P | 52 | 6.3 | 3.4 | 15.0 | 5.0 | 4.0 | 7  |
| M5          | 0.50  | NZ    | 1    | 0.5P | 60 | 6.3 | 4.4 | 17.0 | 5.5 | 4.5 | 7  |
| M6          | 0.50  | NZ    | 1    | 0.5P | 62 | 7.3 | 5.4 | 18.0 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ    | 1    | 0.5P | 62 | 9.4 | 5.2 | 20.0 | 6.0 | 4.5 | 7  |
| M7          | 0.75  | NZ    | 1    | 0.5P | 65 | 9.4 | 5.8 | 20.0 | 6.2 | 5.0 | 8  |



## Ordinary Short Guide Forming Taps--Metric

NS-ZSC 普通型挤压丝锥短引导牙-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for blind hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
适合盲孔用, 螺纹无削加工, 攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程性能和效率;

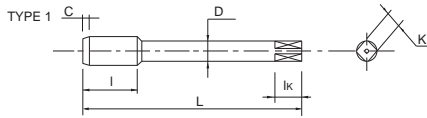
Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、有色金属;

Order demonstration : UNC M8\*0.75 NZ7 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|----|----|-----|-----|----|
| M8          | 0.75  | NZ7   | 1    | 1P | 70 | 12.8 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ8   | 1    | 1P | 70 | 12.8 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ9   | 1    | 1P | 70 | 17.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ10  | 1    | 1P | 70 | 17.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ9   | 1    | 1P | 70 | 21.3 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ10  | 1    | 1P | 70 | 21.3 | -  | -  | 6.2 | 5.0 | 8  |
| M9          | 1.00  | NZ9   | 1    | 1P | 72 | 17.0 | -  | -  | 7.0 | 5.5 | 8  |
| M9          | 1.00  | NZ10  | 1    | 1P | 72 | 17.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ9   | 1    | 1P | 75 | 17.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ10  | 1    | 1P | 75 | 17.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ10  | 1    | 1P | 75 | 21.3 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ11  | 1    | 1P | 75 | 21.3 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ11  | 1    | 1P | 75 | 25.5 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ12  | 1    | 1P | 75 | 25.5 | -  | -  | 7.0 | 5.5 | 8  |
| M12         | 1.00  | NZ9   | 1    | 1P | 82 | 17.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.00  | NZ10  | 1    | 1P | 82 | 17.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | NZ10  | 1    | 1P | 82 | 21.3 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | NZ11  | 1    | 1P | 82 | 21.3 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | NZ10  | 1    | 1P | 82 | 25.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | NZ11  | 1    | 1P | 82 | 25.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | NZ11  | 1    | 1P | 82 | 29.8 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | NZ12  | 1    | 1P | 82 | 29.8 | -  | -  | 8.5 | 6.5 | 9  |

## Ordinary Short Guide Forming Taps--US

NS-ZSC 普通型挤压丝锥短引导牙-美制



### Material

- NC
- XPM
- HSSN

### Surface Treatment

- NN
- NT
- NC
- ND
- NR

Suitable for blind hole, thread Machining without Cutting, tapping depth < 2.5 times diameter;  
 适合盲孔用，螺纹无削加工，攻牙深度<2.5倍的直径;

Effective Improvement of Processing Performance and Efficiency;  
 有效提高加工过程性能和效率;

Suitable for processing materials: steel, alloy steel, stainless steel, non - ferrous metal;  
 适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属;

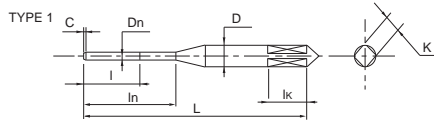
Order demonstration : UNC No.2-64\*NZ4 NS-XPM-ND

| Thread size | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|------|----|----|------|----|----|-----|-----|----|
| UNC 5/16-18 | NZ9   | 1    | 1P | 70 | 24.0 | -  | -  | 6.1 | 5.0 | 8  |
| UNC 5/16-18 | NZ10  | 1    | 1P | 70 | 24.0 | -  | -  | 6.1 | 5.0 | 8  |
| UNC 3/8-16  | NZ10  | 1    | 1P | 75 | 27.0 | -  | -  | 7.0 | 5.5 | 8  |
| UNC 3/8-16  | NZ11  | 1    | 1P | 75 | 27.0 | -  | -  | 7.0 | 5.5 | 8  |
| UNF 5/16-24 | NZ8   | 1    | 1P | 70 | 18.0 | -  | -  | 6.1 | 5.0 | 8  |
| UNF 5/16-24 | NZ9   | 1    | 1P | 70 | 18.0 | -  | -  | 6.1 | 5.0 | 8  |
| UNF 3/8-24  | NZ8   | 1    | 1P | 75 | 21.6 | -  | -  | 7.0 | 5.5 | 8  |
| UNF 3/8-24  | NZ9   | 1    | 1P | 75 | 21.6 | -  | -  | 7.0 | 5.5 | 8  |



## Oil Groove Ordinary Forming Taps--Metric

NS-ZD 带油槽普通型挤压丝锥 - 公制



### Material

- NC
- XPM
- HSSN

### Surface Treatment

- NN
- NT
- NC
- ND
- NR

Suitable for tough hole and blind hole, thread Machining without Cutting;  
适合通孔和盲孔用，螺纹无削加工；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率；

Design with lubricating oil tank, effectively improve oil supply efficiency, reduce; cutting resistance, reduce wear and tear;  
带润滑油槽设计、有效提高加供油效率、降低切削阻力、减少磨损；

Suitable for processing materials: steel, alloy steel, stainless steel, non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

Order demonstration : M8\*0.75 NZ7 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|----|----|-----|-----|----|
| M8          | 0.75  | NZ7   | 1    | 2P | 70 | 13.5 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ7   | 1    | 4P | 70 | 15.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ8   | 1    | 2P | 70 | 13.5 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ8   | 1    | 4P | 70 | 15.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ9   | 1    | 2P | 70 | 18.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ9   | 1    | 4P | 70 | 20.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ10  | 1    | 2P | 70 | 18.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ10  | 1    | 4P | 70 | 20.0 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ10  | 1    | 2P | 70 | 22.5 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ10  | 1    | 4P | 70 | 22.5 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ11  | 1    | 2P | 70 | 22.5 | -  | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ11  | 1    | 4P | 70 | 22.5 | -  | -  | 6.2 | 5.0 | 8  |
| M9          | 1.00  | NZ9   | 1    | 2P | 72 | 18.0 | -  | -  | 7.0 | 5.5 | 8  |
| M9          | 1.00  | NZ9   | 1    | 4P | 72 | 20.0 | -  | -  | 7.0 | 5.5 | 8  |
| M9          | 1.00  | NZ10  | 1    | 2P | 72 | 18.0 | -  | -  | 7.0 | 5.5 | 8  |
| M9          | 1.00  | NZ10  | 1    | 4P | 72 | 20.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ9   | 1    | 2P | 75 | 18.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ10  | 1    | 4P | 75 | 20.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ10  | 1    | 2P | 75 | 18.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ11  | 1    | 4P | 75 | 20.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ9   | 1    | 4P | 75 | 25.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ10  | 1    | 2P | 75 | 22.5 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ10  | 1    | 4P | 75 | 25.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ11  | 1    | 2P | 75 | 22.5 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ11  | 1    | 2P | 75 | 27.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ11  | 1    | 4P | 75 | 27.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ12  | 1    | 2P | 75 | 27.0 | -  | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ12  | 1    | 4P | 75 | 27.0 | -  | -  | 7.0 | 5.5 | 8  |
| M12         | 1.00  | NZ9   | 1    | 2P | 82 | 18.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.00  | NZ9   | 1    | 4P | 82 | 20.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.00  | NZ10  | 1    | 2P | 82 | 18.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.00  | NZ10  | 1    | 4P | 82 | 20.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | NZ10  | 1    | 2P | 82 | 22.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | NZ10  | 1    | 4P | 82 | 25.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | NZ11  | 1    | 2P | 82 | 22.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | NZ11  | 1    | 4P | 82 | 25.0 | -  | -  | 8.5 | 6.5 | 9  |

## Oil Groove Ordinary Forming Taps--Metric

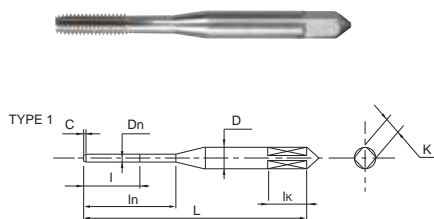
NS-ZD 带油槽普通型挤压丝锥-公制

Order demonstration : M12\*1.50 NZ10 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|----|----|-----|-----|----|
| M12         | 1.50  | NZ10  | 1    | 2P | 82 | 27.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | NZ10  | 1    | 4P | 82 | 30.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | NZ11  | 1    | 2P | 82 | 27.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | NZ11  | 1    | 4P | 82 | 30.0 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | NZ11  | 1    | 2P | 82 | 31.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | NZ11  | 1    | 4P | 82 | 31.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | NZ12  | 1    | 2P | 82 | 31.5 | -  | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | NZ12  | 1    | 4P | 82 | 31.5 | -  | -  | 8.5 | 6.5 | 9  |

## Oil Groove Ordinary Forming Taps--US

NS-ZD 带油槽普通型挤压丝锥-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for though hole and blind hole, thread Machining without Cutting;  
适合通孔和盲孔用，螺纹无削加工；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率；

Design with lubricating oil tank, effectively improve oil supply efficiency,  
reduce cutting resistance, reduce wear and tear;  
带润滑油槽设计、有效提高加供油效率、降低切削阻力、减少磨损；

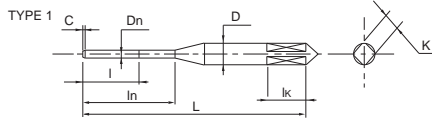
Suitable for processing materials: steel, alloy steel, stainless steel,  
non-ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

Order demonstration : UNC 5/16-18\*NZ9 NS-XPM-ND

| Thread size | Limit | Type | C  | L  | I    | Dn | In | D   | k   | lk |
|-------------|-------|------|----|----|------|----|----|-----|-----|----|
| UNC 5/16-18 | NZ9   | 1    | 2P | 70 | 22.6 | -  | -  | 6.1 | 5.0 | 8  |
| UNC 5/16-18 | NZ9   | 1    | 4P | 70 | 25.4 | -  | -  | 6.1 | 5.0 | 8  |
| UNC 5/16-18 | NZ10  | 1    | 2P | 70 | 22.6 | -  | -  | 6.1 | 5.0 | 8  |
| UNC 5/16-18 | NZ10  | 1    | 4P | 70 | 25.4 | -  | -  | 6.1 | 5.0 | 8  |
| UNC 3/8-16  | NZ10  | 1    | 2P | 75 | 25.4 | -  | -  | 7.0 | 5.5 | 8  |
| UNC 3/8-16  | NZ10  | 1    | 4P | 75 | 28.6 | -  | -  | 7.0 | 5.5 | 8  |
| UNC 3/8-16  | NZ11  | 1    | 2P | 75 | 25.4 | -  | -  | 7.0 | 5.5 | 8  |
| UNC 3/8-16  | NZ11  | 1    | 4P | 75 | 28.6 | -  | -  | 7.0 | 5.5 | 8  |

## Oil Groove Ordinary Forming Taps--US

NS-ZD 带油槽普通型挤压丝锥-美制



### Material

- NC
- XPM
- HSSN

### Surface Treatment

- NN
- NT
- NC
- ND
- NR

Suitable for tough hole and blind hole, thread Machining without Cutting;  
适合通孔和盲孔用，螺纹无削加工；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率；

Design with lubricating oil tank, effectively improve oil supply efficiency, reduce cutting resistance, reduce wear and tear;  
带润滑油槽设计、有效提高加供油效率、降低切削阻力、减少磨损；

Suitable for processing materials: steel, alloy steel, stainless steel, non - ferrous metal;  
适合加工材料：钢、合金钢、不锈钢、铸铁、有色金属；

Order demonstration : SM3/32-56\*NZ4 NS-XPM-NN

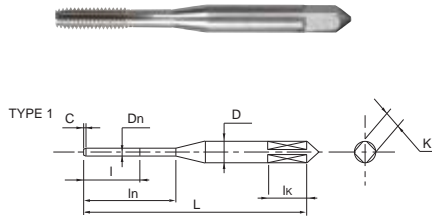
| Thread size | Limit | Type | C  | L  | I    | Dn | In | D   | k   | Ik |
|-------------|-------|------|----|----|------|----|----|-----|-----|----|
| UNF 5/16-24 | NZ8   | 1    | 2P | 70 | 19.1 | -  | -  | 6.1 | 5.0 | 8  |
| UNF 5/16-24 | NZ8   | 1    | 4P | 70 | 21.2 | -  | -  | 6.1 | 5.0 | 8  |
| UNF 5/16-24 | NZ9   | 1    | 2P | 70 | 19.1 | -  | -  | 6.1 | 5.0 | 8  |
| UNF 5/16-24 | NZ9   | 1    | 4P | 70 | 21.2 | -  | -  | 6.1 | 5.0 | 8  |
| UNF 3/8-24  | NZ8   | 1    | 2P | 75 | 22.9 | -  | -  | 7.0 | 5.5 | 8  |
| UNF 3/8-24  | NZ8   | 1    | 4P | 75 | 25.4 | -  | -  | 7.0 | 5.5 | 8  |
| UNF 3/8-24  | NZ9   | 1    | 2P | 75 | 22.9 | -  | -  | 7.0 | 5.5 | 8  |
| UNF 3/8-24  | NZ9   | 1    | 4P | 76 | 25.4 | -  | -  | 7.0 | 5.5 | 8  |





## Oil Groove Deep Hole Forming Taps--Metric

NS-ZND 带油槽深孔型挤压丝锥 - 公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep though hole, thread Machining without Cutting;  
适合深孔通孔用，螺纹无削加工；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率；

Design with lubricating oil tank, effectively improve oil supply efficiency,  
reduce cutting resistance, reduce wear and tear;  
带润滑油槽设计、有效提高供油效率、降低切削阻力、减少磨损；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron,  
refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : M4\*0.70 NZ6 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|-----|----|-----|-----|----|
| M4          | 0.70  | NZ6   | 1    | 2P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 1    | 4P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 1    | 2P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 1    | 4P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ8   | 1    | 2P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ8   | 1    | 4P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 1    | 2P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ7   | 1    | 4P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 2P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 4P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 2P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 4P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 1    | 2P | 62 | 12.0 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 1    | 4P | 62 | 13.5 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 1    | 2P | 62 | 12.0 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 1    | 4P | 62 | 13.5 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 1    | 2P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 1    | 4P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 1    | 2P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 1    | 4P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 1    | 2P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 1    | 4P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M7          | 0.75  | NZ7   | 1    | 2P | 65 | 12.0 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ7   | 1    | 4P | 65 | 13.5 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 1    | 2P | 65 | 12.0 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 1    | 4P | 65 | 13.5 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 1    | 2P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 1    | 4P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 1    | 2P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 1    | 4P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |

## Oil Groove Deep Hole Forming Taps--US

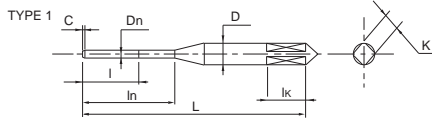
NS-ZND 带油槽深孔型挤压丝锥-美制

### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR



Suitable for deep though hole, thread Machining without Cutting;  
适合深孔通孔用，螺纹无削加工；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率；

Design with lubricating oil tank, effectively improve oil supply efficiency, reduce cutting resistance, reduce wear and tear;  
带润滑油槽设计、有效提高加供油效率、降低切削阻力、减少磨损；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

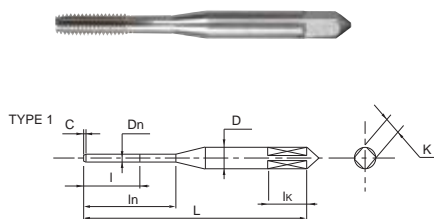
Order demonstration : UNC No.8-32\*NZ6 NS-XPM-NN

| Thread size  | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | Ik |
|--------------|-------|------|----|----|------|-----|----|-----|-----|----|
| UNC No.8-32  | NZ6   | 1    | 2P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ6   | 1    | 4P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 1    | 2P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 1    | 4P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.10-24 | NZ7   | 1    | 2P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ7   | 1    | 4P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 2P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 4P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 2P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 4P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 2P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 4P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 2P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 4P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 2P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 4P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |



## Oil Groove Deep Hole Forming Taps--US

NS-ZND 带油槽深孔型挤压丝锥 - 美制



### Material

- NC
- XPM
- HSSN

### Surface Treatment

- NN
- NT
- NC
- ND
- NR

Suitable for deep though hole, thread Machining without Cutting;  
适合深孔通孔用，螺纹无削加工；

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率；

Design with lubricating oil tank, effectively improve oil supply efficiency, reduce cutting resistance, reduce wear and tear;  
带润滑油槽设计、有效提高加供油效率、降低切削阻力、减少磨损；

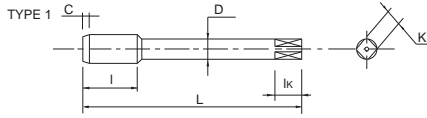
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non - ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : UNF No10-32\*NZ6 NS-XPM-ND

| Thread size | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|------|----|----|------|-----|----|-----|-----|----|
| UNF No10-32 | NZ6   | 1    | 2P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNF No10-32 | NZ6   | 1    | 4P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNF No10-32 | NZ7   | 1    | 2P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNF No10-32 | NZ7   | 1    | 4P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNF 1/4-28  | NZ7   | 1    | 2P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNF 1/4-28  | NZ7   | 1    | 4P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNF 1/4-28  | NZ8   | 1    | 2P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNF 1/4-28  | NZ8   | 1    | 4P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |

## Deep Hole Forming Taps--metrc

NS-ZN 深孔型挤压丝锥 -- 公制



### Material

- NC
- XPM
- HSSN

### Surface Treatment

- NN
- NT
- NC
- ND
- NR

Suitable for deep through hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔通孔用, 螺纹无削加工、牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

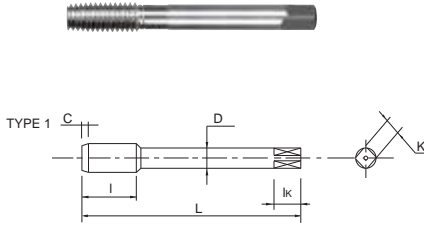
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M8\*0.75 NZ7 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|-----|----|-----|-----|----|
| M3.5        | 0.60  | NZ5   | 1    | 2P | 48 | 9.6  | 2.8 | 20 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 1    | 4P | 48 | 9.6  | 2.8 | 20 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 1    | 2P | 48 | 9.6  | 2.8 | 20 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 1    | 4P | 48 | 9.6  | 2.8 | 20 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | NZ6   | 1    | 2P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 1    | 4P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 1    | 2P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 1    | 4P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ8   | 1    | 2P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ8   | 1    | 4P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 1    | 2P | 52 | 12.0 | 3.7 | 22 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 1    | 4P | 52 | 12.0 | 3.7 | 22 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 1    | 2P | 52 | 12.0 | 3.7 | 22 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 1    | 4P | 52 | 12.0 | 3.7 | 22 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 1    | 2P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ7   | 1    | 4P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 2P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 4P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 2P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 4P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 1    | 2P | 62 | 12.0 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 1    | 4P | 62 | 13.5 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 1    | 2P | 62 | 12.0 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 1    | 4P | 62 | 13.5 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 1    | 2P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 1    | 4P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 1    | 2P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 1    | 4P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 1    | 2P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 1    | 4P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M7          | 0.75  | NZ7   | 1    | 2P | 65 | 12.0 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ7   | 1    | 4P | 65 | 13.5 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 1    | 2P | 65 | 12.0 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 1    | 4P | 65 | 13.5 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 1    | 2P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 1    | 4P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 1    | 2P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 1    | 4P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |

## Deep Hole Forming Taps--US

NS-ZN 深孔型挤压丝锥--美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔通孔用, 螺纹无削加工、牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

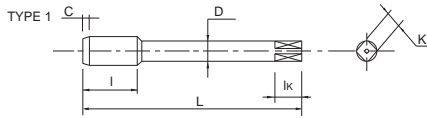
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : UNC No.2-56\*NZ4 NS-XPM-ND

| Thread size  | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|--------------|-------|------|----|----|------|-----|----|-----|-----|----|
| UNC No.2-56  | NZ4   | 1    | 2P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ4   | 1    | 4P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 1    | 2P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 1    | 4P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | NZ4   | 1    | 2P | 44 | 7.4  | 1.9 | 15 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | NZ4   | 1    | 4P | 44 | 7.4  | 1.9 | 15 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | NZ5   | 1    | 2P | 44 | 7.4  | 1.9 | 15 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | NZ5   | 1    | 4P | 44 | 7.4  | 1.9 | 15 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 1    | 2P | 44 | 8.9  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 1    | 4P | 44 | 8.9  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 1    | 2P | 44 | 8.9  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 1    | 4P | 44 | 8.9  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNC No.5-40  | NZ4   | 1    | 2P | 46 | 8.9  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | NZ4   | 1    | 4P | 46 | 8.9  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | NZ5   | 1    | 2P | 46 | 8.9  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | NZ5   | 1    | 4P | 46 | 8.9  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ5   | 1    | 2P | 48 | 11.1 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ5   | 1    | 4P | 48 | 11.1 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 1    | 2P | 48 | 11.1 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 1    | 4P | 48 | 11.1 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNC No.8-32  | NZ6   | 1    | 2P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ6   | 1    | 4P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 1    | 2P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 1    | 4P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.10-24 | NZ7   | 1    | 2P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ7   | 1    | 4P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 2P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 4P | 60 | 14.8 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 2P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 4P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 2P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 4P | 60 | 14.8 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 2P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 4P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 2P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 4P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |

## Deep Hole Forming Taps--US

NS-ZN 深孔型挤压丝锥 -- 美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔通孔用，螺纹无削加工、牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

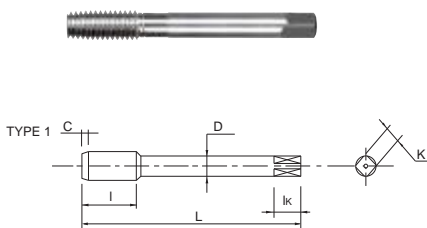
Order demonstration : UNC No.2-64\*NZ4 NS-XPM-ND

| Thread size  | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|--------------|-------|------|----|----|------|-----|----|-----|-----|----|
| UNF No.2-64  | NZ4   | 1    | 2P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNF No.2-64  | NZ4   | 1    | 4P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNF No.3-56  | NZ4   | 1    | 2P | 44 | 7.3  | 1.9 | 15 | 3.0 | 2.5 | 5  |
| UNF No.3-56  | NZ4   | 1    | 4P | 44 | 7.3  | 1.9 | 15 | 3.0 | 2.5 | 5  |
| UNF No.4-48  | NZ4   | 1    | 2P | 44 | 8.5  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNF No.4-48  | NZ4   | 1    | 4P | 44 | 8.5  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNF No.4-48  | NZ5   | 1    | 2P | 44 | 8.5  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNF No.4-48  | NZ5   | 1    | 4P | 44 | 8.5  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNF No.5-44  | NZ    | 1    | 2P | 46 | 9.2  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNF No.5-44  | NZ    | 1    | 4P | 46 | 9.2  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNF No.6-40  | NZ4   | 1    | 2P | 48 | 10.2 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNF No.6-40  | NZ4   | 1    | 4P | 48 | 10.2 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNF No.6-40  | NZ5   | 1    | 2P | 48 | 10.2 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNF No.6-40  | NZ5   | 1    | 4P | 48 | 10.2 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNF No.8-36  | NZ    | 1    | 2P | 52 | 11.3 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNF No.8-36  | NZ    | 1    | 4P | 52 | 11.3 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNF No.10-32 | NZ6   | 1    | 2P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNF No.10-32 | NZ6   | 1    | 4P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNF No.10-32 | NZ7   | 1    | 2P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNF No.10-32 | NZ7   | 1    | 4P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNF No.12-28 | NZ    | 1    | 2P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNF No.12-28 | NZ    | 1    | 4P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNF 1/4-28   | NZ7   | 1    | 2P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNF 1/4-28   | NZ7   | 1    | 4P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNF 1/4-28   | NZ8   | 1    | 2P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNF 1/4-28   | NZ8   | 1    | 4P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |



## Deep Hole Forming Taps--Inch

NS-ZN 深孔型挤压丝锥 - 英制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔通孔用，螺纹无削加工，牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

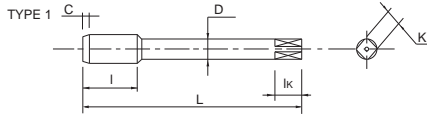
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : BSW 3/32-48\*NZ NS-XPM-ND

| Thread size | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|------|----|----|------|-----|----|-----|-----|----|
| BSW 3/32-48 | NZ    | 1    | 2P | 42 | 6.4  | 1.8 | 15 | 3.0 | 2.5 | 5  |
| BSW 1/8-40  | NZ    | 1    | 2P | 46 | 7.6  | 2.4 | 16 | 4.0 | 3.2 | 6  |
| BSW 5/32-32 | NZ    | 1    | 2P | 52 | 9.5  | 3.0 | 20 | 5.0 | 4.0 | 7  |
| BSW 3/16-24 | NZ    | 1    | 2P | 60 | 12.7 | 3.6 | 23 | 5.5 | 4.5 | 7  |
| BSW 7/32-24 | NZ    | 1    | 2P | 60 | 12.7 | 4.4 | 23 | 5.5 | 4.5 | 7  |
| BSW 1/4-20  | NZ    | 1    | 2P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |

## Deep Hole Forming Taps--Inch

NS-ZN 深孔型挤压丝锥 -- 英制



### Material



### Surface Treatment



Suitable for deep through hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔通孔用, 螺纹无削加工、牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : BSW 3/32-48\*NZ NS-XPM-ND

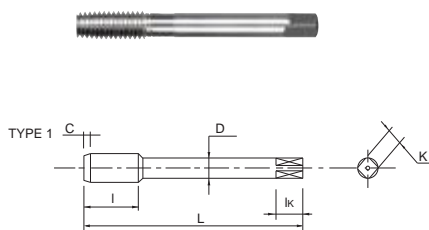
| Thread size | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|------|----|----|------|-----|----|-----|-----|----|
| SM3/32-56   | NZ    | 1    | 2P | 42 | 6.4  | 1.8 | 13 | 3.0 | 2.5 | 5  |
| SM1/8-48    | NZ    | 1    | 2P | 46 | 7.4  | 2.4 | 16 | 4.0 | 3.2 | 6  |
| SM1/8-44    | NZ    | 1    | 2P | 46 | 8.1  | 2.4 | 16 | 4.0 | 3.2 | 6  |
| SM1/8-40    | NZ    | 1    | 2P | 46 | 8.9  | 2.4 | 17 | 4.0 | 3.2 | 6  |
| SM9/64-40   | NZ    | 1    | 2P | 48 | 8.9  | 2.8 | 19 | 4.0 | 3.2 | 6  |
| SM11/64-40  | NZ    | 1    | 2P | 55 | 8.9  | 3.4 | 19 | 5.0 | 4.0 | 7  |
| SM11/64-32  | NZ    | 1    | 2P | 55 | 11.1 | 3.4 | 21 | 5.0 | 4.0 | 7  |
| SM3/16-40   | NZ    | 1    | 2P | 60 | 8.9  | 3.6 | 19 | 5.5 | 4.5 | 7  |
| SM3/16-32   | NZ    | 1    | 2P | 60 | 11.1 | 3.6 | 21 | 5.5 | 4.5 | 7  |
| SM3/16-28   | NZ    | 1    | 2P | 60 | 12.7 | 3.6 | 23 | 5.5 | 4.5 | 7  |
| SM3/16-24   | NZ    | 1    | 2P | 60 | 12.7 | 3.6 | 23 | 5.5 | 4.5 | 7  |
| SM13/64-32  | NZ    | 1    | 2P | 60 | 11.1 | 4.2 | 21 | 5.5 | 4.5 | 7  |
| SM7/32-32   | NZ    | 1    | 2P | 60 | 11.1 | 4.6 | 21 | 5.5 | 4.5 | 7  |
| SM15/64-28  | NZ    | 1    | 2P | 62 | 12.7 | 4.8 | 23 | 6.0 | 4.5 | 7  |
| SM1/4-40    | NZ    | 1    | 2P | 62 | 8.9  | 5.0 | 19 | 6.0 | 4.5 | 7  |
| SM1/4-28    | NZ    | 1    | 2P | 62 | 12.7 | 5.0 | 23 | 6.0 | 4.5 | 7  |
| SM1/4-24    | NZ    | 1    | 2P | 62 | 14.8 | 5.0 | 25 | 6.0 | 4.5 | 7  |





## Short Guide Deep Hole Forming Taps-Metric

NS-ZN-SC 深孔型挤压丝锥短引导牙-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔盲孔用, 螺纹无削加工、牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

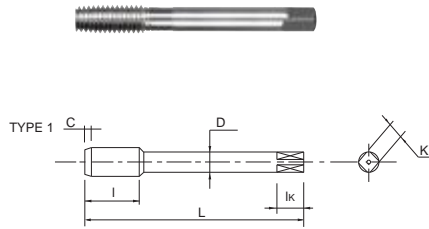
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M3.5\*0.60 NZ5 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|-----|----|-----|-----|----|
| M3.5        | 0.60  | NZ5   | 1    | 1P | 48 | 9.6  | 2.8 | 20 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 1    | 1P | 48 | 9.6  | 2.8 | 20 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | NZ6   | 1    | 1P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 1    | 1P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ8   | 1    | 1P | 52 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 1    | 1P | 52 | 12.0 | 3.7 | 22 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 1    | 1P | 52 | 12.0 | 3.7 | 22 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 1    | 1P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 1    | 1P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 1    | 1P | 60 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 1    | 1P | 62 | 12.0 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 1    | 1P | 62 | 12.0 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 1    | 1P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 1    | 1P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 1    | 1P | 62 | 14.0 | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M7          | 0.75  | NZ7   | 1    | 1P | 65 | 12.0 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 1    | 1P | 65 | 12.0 | 5.9 | 22 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 1    | 1P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 1    | 1P | 65 | 16.0 | 5.9 | 26 | 6.2 | 5.0 | 8  |

## Short Guide Deep Hole Forming Taps-US

NS-ZN-SC 深孔型挤压丝锥短引导牙-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深孔盲孔用, 螺纹无削加工、牙深度>2.0倍直径;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

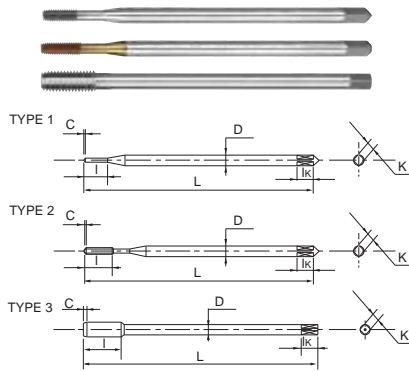
Order demonstration : UNC No.2-56\*NZ4 NS-XPM-ND

| Thread size  | Limit | Type | C  | L  | I    | Dn  | In | D   | k   | lk |
|--------------|-------|------|----|----|------|-----|----|-----|-----|----|
| UNC No.2-56  | NZ4   | 1    | 1P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 1    | 1P | 42 | 6.4  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 1    | 1P | 44 | 8.9  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 1    | 1P | 44 | 8.9  | 2.1 | 17 | 3.0 | 2.5 | 5  |
| UNC No.5-40  | NZ4   | 1    | 1P | 46 | 8.9  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | NZ5   | 1    | 1P | 46 | 8.9  | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ5   | 1    | 1P | 48 | 11.1 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 1    | 1P | 48 | 11.1 | 2.6 | 21 | 4.0 | 3.2 | 6  |
| UNC No.8-32  | NZ6   | 1    | 1P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 1    | 1P | 52 | 11.1 | 3.3 | 21 | 5.0 | 4.0 | 7  |
| UNC No.10-24 | NZ7   | 1    | 1P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 1P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-32 | NZ7   | 1    | 1P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.10-32 | NZ8   | 1    | 1P | 60 | 12.7 | 3.7 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ7   | 1    | 1P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | NZ8   | 1    | 1P | 60 | 12.7 | 4.3 | 25 | 5.5 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 1P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 1P | 62 | 15.2 | 5.0 | 25 | 6.0 | 4.5 | 7  |



## Long Handle Forming Taps--Metric

NS-ZLHO 加长柄型挤压丝锥-公制



### Material



### Surface Treatment



Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用, 螺纹无削加工, 牙深度>2.0倍直径;

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄, 能满足一些深孔加工要求, 有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M1.0\*0.20 NZ3 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I | Dn  | In | D   | k   | Ik |
|-------------|-------|-------|------|----|----|---|-----|----|-----|-----|----|
| M1.0        | 0.20  | NZ3   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | NZ4   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ3   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ3   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ3   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ3   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ3   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 4P | 45 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ3   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 4P | 60 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 4P | 60 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ5   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ3   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 4P | 60 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ4   | 1    | 4P | 60 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ5   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ4   | 2    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ5   | 2    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 2    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 2    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 4P | 60 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ4   | 2    | 4P | 75 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ5   | 2    | 4P | 75 |   | 4.0 | -  | 4.0 | 3.2 | 6  |

## Long Handle Forming Taps--Metric

NS-ZLH0 加长柄型挤压丝锥-公制

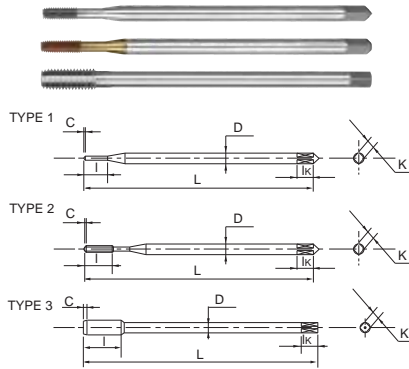
Order demonstration : M3\*0.50 NZ5 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|---|-----|----|-----|-----|----|
| M3          | 0.50  | NZ5   | 2    | 4P | 75  |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 2    | 4P | 75  |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 2    | 4P | 75  |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 2    | 4P | 75  |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 2    | 4P | 75  |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M4          | 0.70  | NZ5   | 2    | 4P | 75  |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 2    | 4P | 75  |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ5   | 2    | 4P | 75  |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ6   | 2    | 4P | 75  |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 2    | 4P | 75  |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 2    | 4P | 75  |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 2    | 4P | 100 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 2    | 4P | 100 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 2    | 4P | 100 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ5   | 2    | 4P | 100 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ6   | 2    | 4P | 100 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ5   | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ6   | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 2    | 4P | 100 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M7          | 0.75  | NZ7   | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ7   | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ8   | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ9   | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ10  | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ10  | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ11  | 3    | 4P | 100 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M10         | 1.00  | NZ10  | 3    | 4P | 100 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ11  | 3    | 4P | 100 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ9   | 3    | 4P | 100 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ10  | 3    | 4P | 100 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ11  | 3    | 4P | 100 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ12  | 3    | 4P | 100 |   | 7.0 | -  | 7.0 | 5.5 | 8  |



## Long Handle Forming Taps--US

NS-ZLHO 加长柄型挤压丝锥-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用，螺纹无削加工、牙深度>2.0倍直径；

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄、能满足一些深孔加工要求、有效提高加工过程中的稳定性和加工效率；

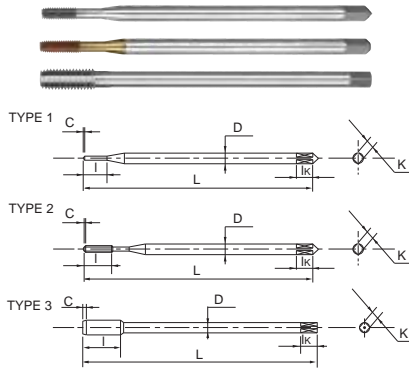
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : UN No.0\*NZ NS-XPM-ND

| Thread size | Limit | Type | C  | L   | I | Dn | In  | D   | k | lk |
|-------------|-------|------|----|-----|---|----|-----|-----|---|----|
| UN No.0     | NZ    | 1    | 4P | 45  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.1     | NZ    | 1    | 4P | 60  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.2     | NZ    | 1    | 4P | 60  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.3     | NZ    | 1    | 4P | 60  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.4     | NZ    | 2    | 4P | 75  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.5     | NZ    | 2    | 4P | 75  | - | -  | 4.0 | 3.2 | 6 |    |
| UN No.6     | NZ    | 2    | 4P | 75  | - | -  | 4.0 | 3.2 | 6 |    |
| UN No.8     | NZ    | 2    | 4P | 75  | - | -  | 5.0 | 4.0 | 7 |    |
| UN No.10    | NZ    | 2    | 4P | 100 | - | -  | 5.5 | 4.5 | 7 |    |
| UN No.12    | NZ    | 2    | 4P | 100 | - | -  | 5.5 | 4.5 | 7 |    |
| UN 1/4      | NZ    | 2    | 4P | 100 | - | -  | 6.0 | 4.5 | 7 |    |
| UN 5/16     | NZ    | 3    | 4P | 100 | - | -  | 6.1 | 5.0 | 8 |    |
| UN 3/8      | NZ    | 3    | 4P | 100 | - | -  | 7.0 | 5.5 | 8 |    |

## Middle Long Handle Forming Taps--US

NS-ZLH1 加长柄型挤压丝锥-美制



### Material

NC XPM HSS

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用, 螺纹无削加工、牙深度>2.0倍直径;

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄、能满足一些深孔加工要求、有效提高加工过程中的稳定性和加工效率;

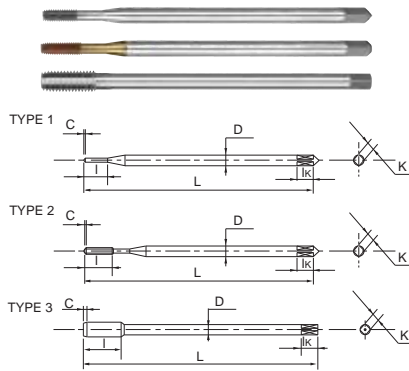
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : UN No.0\*NZ NS-XPM-ND

| Thread size | Limit | Type | C  | L   | I | Dn | In  | D   | k | Ik |
|-------------|-------|------|----|-----|---|----|-----|-----|---|----|
| UN No.0     | NZ    | 1    | 4P | 60  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.1     | NZ    | 1    | 4P | 75  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.2     | NZ    | 1    | 4P | 75  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.3     | NZ    | 1    | 4P | 75  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.4     | NZ    | 2    | 4P | 100 | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.5     | NZ    | 2    | 4P | 100 | - | -  | 4.0 | 3.2 | 6 |    |
| UN No.6     | NZ    | 2    | 4P | 100 | - | -  | 4.0 | 3.2 | 6 |    |
| UN No.8     | NZ    | 2    | 4P | 100 | - | -  | 5.0 | 4.0 | 7 |    |
| UN No.10    | NZ    | 2    | 4P | 120 | - | -  | 5.5 | 4.5 | 7 |    |
| UN No.12    | NZ    | 2    | 4P | 120 | - | -  | 5.5 | 4.5 | 7 |    |
| UN 1/4      | NZ    | 2    | 4P | 120 | - | -  | 6.0 | 4.5 | 7 |    |
| UN 5/16     | NZ    | 3    | 4P | 120 | - | -  | 6.1 | 5.0 | 8 |    |
| UN 3/8      | NZ    | 3    | 4P | 120 | - | -  | 7.0 | 5.5 | 8 |    |

## Middle Long Handle Forming Taps--Mertic

NS-ZLH1 加长柄型挤压丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用，螺纹无削加工，牙深度>2.0倍直径；

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄，能满足一些深孔加工要求，有效提高加工过程中的稳定性和加工效率；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : M1.0\*0.20 NZ3 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I | Dn  | In | D   | k   | Ik |
|-------------|-------|-------|------|----|-----|---|-----|----|-----|-----|----|
| M1.0        | 0.20  | NZ3   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | NZ4   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ3   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ3   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ3   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ3   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ3   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 4P | 60  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ5   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ5   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ4   | 2    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ5   | 2    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 2    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 2    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ4   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ5   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |

## Middle Long Handle Forming Taps--Mertic

NS-ZLH1 加长柄型挤压丝锥-公制

Order demonstration : M3\*0.50 NZ5 NS-XPM-ND

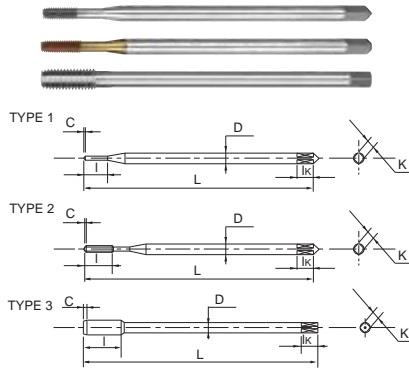
| Thread size | Pitch | Limit | Type | C  | L   | I | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|---|-----|----|-----|-----|----|
| M3          | 0.50  | NZ5   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 2    | 4P | 100 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M4          | 0.70  | NZ5   | 2    | 4P | 100 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 2    | 4P | 100 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ5   | 2    | 4P | 100 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ6   | 2    | 4P | 100 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 2    | 4P | 100 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 2    | 4P | 100 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 2    | 4P | 120 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 2    | 4P | 120 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 2    | 4P | 120 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ5   | 2    | 4P | 120 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ6   | 2    | 4P | 120 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ5   | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ6   | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 2    | 4P | 120 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M7          | 0.75  | NZ7   | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ7   | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ8   | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ9   | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ10  | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ10  | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ11  | 3    | 4P | 120 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M10         | 1.00  | NZ10  | 3    | 4P | 120 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ11  | 3    | 4P | 120 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ9   | 3    | 4P | 120 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ10  | 3    | 4P | 120 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ11  | 3    | 4P | 120 |   | 7.0 | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ12  | 3    | 4P | 120 |   | 7.0 | -  | 7.0 | 5.5 | 8  |





## Super Long Handle Forming Taps--Metric

NS-ZLH2 加长柄型挤压丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用，螺纹无削加工、牙深度>2.0倍直径；

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄、能满足一些深孔加工要求、有效提高加工过程中的稳定性和加工效率；

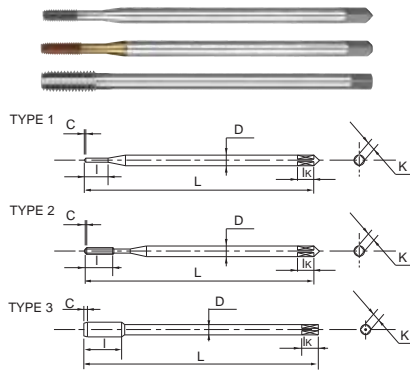
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : M1.0\*0.20 NZ3 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|---|-----|----|-----|-----|----|
| M1.0        | 0.20  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ3   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | NZ4   | 1    | 4P | 75  |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ3   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | NZ4   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ4   | 1    | 4P | 100 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | NZ5   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ4   | 1    | 4P | 100 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | NZ5   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ4   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | NZ5   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ3   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | NZ4   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 4P | 100 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ4   | 1    | 4P | 100 |   | 3.0 |    | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | NZ5   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |

## Super Long Handle Forming Taps--Metric

NS-ZLH2 加长柄型挤压丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用, 螺纹无削加工、牙深度>2.0倍直径;

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄、能满足一些深孔加工要求、有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

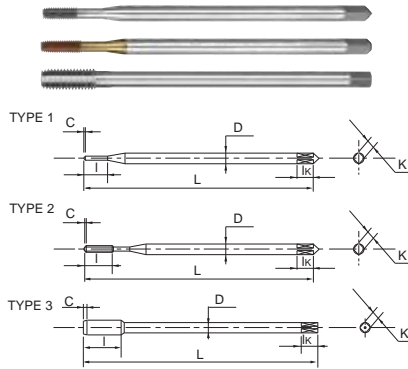
Order demonstration : M2.5\*0.35 NZ4 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|---|-----|----|-----|-----|----|
| M2.5        | 0.35  | NZ4   | 2    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | NZ5   | 2    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 2    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 2    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 4P | 100 |   | 3.0 | -  | 3.0 | 2.5 | 5  |
| M3          | 0.35  | NZ4   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.35  | NZ5   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ5   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 2    | 4P | 120 |   | 4.0 | -  | 4.0 | 3.2 | 6  |
| M4          | 0.70  | NZ5   | 2    | 4P | 120 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 2    | 4P | 120 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ5   | 2    | 4P | 120 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4          | 0.50  | NZ6   | 2    | 4P | 120 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ6   | 2    | 4P | 120 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | NZ7   | 2    | 4P | 120 |   | 5.0 | -  | 5.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 2    | 4P | 150 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 2    | 4P | 150 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 2    | 4P | 150 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ5   | 2    | 4P | 150 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M5          | 0.50  | NZ6   | 2    | 4P | 150 |   | 5.5 | -  | 5.5 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ5   | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.50  | NZ6   | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ7   | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |
| M6          | 0.75  | NZ8   | 2    | 4P | 150 |   | 6.0 | -  | 6.0 | 4.5 | 7  |



## Super Long Handle Forming Taps--Metric

NS-ZLH2 加长柄型挤压丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用，螺纹无削加工、牙深度>2.0倍直径;

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄，能满足一些深孔加工要求、有效提高加工过程中的稳定性和加工效率;

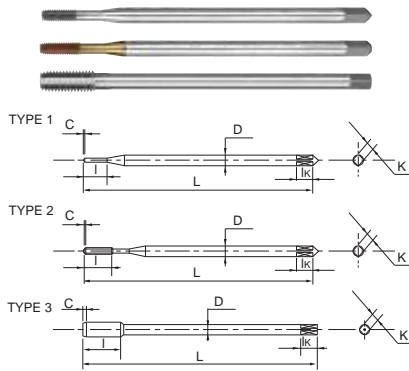
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M7\*0.75 NZ7 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I | Dn  | In | D   | k   | Ik |
|-------------|-------|-------|------|----|-----|---|-----|----|-----|-----|----|
| M7          | 0.75  | NZ7   | 3    | 4P | 150 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 0.75  | NZ8   | 3    | 4P | 150 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ9   | 3    | 4P | 150 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M7          | 1.00  | NZ10  | 3    | 4P | 150 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ7   | 3    | 4P | 150 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 0.75  | NZ8   | 3    | 4P | 150 |   | 6.2 | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ9   | 3    | 4P | 150 |   | 6.2 |    | 6.2 | 5.0 | 8  |
| M8          | 1.00  | NZ10  | 3    | 4P | 150 |   | 6.2 |    | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ10  | 3    | 4P | 150 |   | 6.2 |    | 6.2 | 5.0 | 8  |
| M8          | 1.25  | NZ11  | 3    | 4P | 150 |   | 6.2 |    | 6.2 | 5.0 | 8  |
| M10         | 1.00  | NZ10  | 3    | 4P | 150 |   | 7.0 |    | 7.0 | 5.5 | 8  |
| M10         | 1.00  | NZ11  | 3    | 4P | 150 |   | 7.0 |    | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ9   | 3    | 4P | 150 |   | 7.0 |    | 7.0 | 5.5 | 8  |
| M10         | 1.25  | NZ10  | 3    | 4P | 150 |   | 7.0 |    | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ11  | 3    | 4P | 150 |   | 7.0 |    | 7.0 | 5.5 | 8  |
| M10         | 1.50  | NZ12  | 3    | 4P | 150 |   | 7.0 |    | 7.0 | 5.5 | 8  |

## Super Long Handle Forming Taps--US

NS-ZLH2 加长柄型挤压丝锥-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through and blind hole, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合深通孔和深盲孔用, 螺纹无削加工、牙深度>2.0倍直径;

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长柄, 能满足一些深孔加工要求, 有效提高加工过程中的稳定性和加工效率;

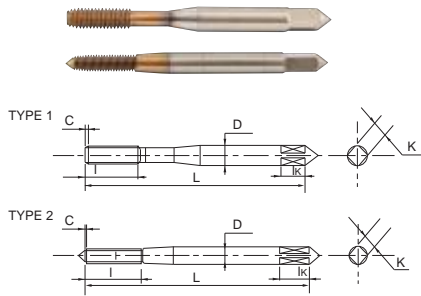
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : UN No.0\*NZ NS-XPM-ND

| Thread size | Limit | Type | C  | L   | I | Dn | In  | D   | k | Ik |
|-------------|-------|------|----|-----|---|----|-----|-----|---|----|
| UN No.0     | NZ    | 1    | 4P | 75  | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.1     | NZ    | 1    | 4P | 100 | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.2     | NZ    | 1    | 4P | 100 | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.3     | NZ    | 1    | 4P | 100 | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.4     | NZ    | 2    | 4P | 120 | - | -  | 3.0 | 2.5 | 5 |    |
| UN No.5     | NZ    | 2    | 4P | 120 | - | -  | 4.0 | 3.2 | 6 |    |
| UN No.6     | NZ    | 2    | 4P | 120 | - | -  | 4.0 | 3.2 | 6 |    |
| UN No.8     | NZ    | 2    | 4P | 120 | - | -  | 5.0 | 4.0 | 7 |    |
| UN No.10    | NZ    | 2    | 4P | 150 | - | -  | 5.5 | 4.5 | 7 |    |
| UN No.12    | NZ    | 2    | 4P | 150 | - | -  | 5.5 | 4.5 | 7 |    |
| UN 1/4      | NZ    | 2    | 4P | 150 | - | -  | 6.0 | 4.5 | 7 |    |
| UN 5/16     | NZ    | 3    | 4P | 150 | - | -  | 6.1 | 5.0 | 8 |    |
| UN 3/8      | NZ    | 3    | 4P | 150 | - | -  | 7.0 | 5.5 | 8 |    |

## Long Thread Forming Taps--Metric

NS-ZL 加长牙型挤压丝锥 - 公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for deep through hole and blind hole of long thread, thread Machining without Cutting, tapping depth > 2 times diameter;  
适合长螺纹的深通孔和深盲孔用，螺纹无削加工，牙深度>2.0倍直径；

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing;  
采用加长螺纹，能满足一些长螺纹加工要求，有效提高加工过程中的稳定性和加工效率；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : M2\*0.40 NZ4 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | l  | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|----|----|----|-----|-----|----|
| M2.0        | 0.40  | NZ4   | 1    | 2P | 40 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ4   | 2    | 4P | 40 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 1    | 2P | 40 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | NZ5   | 2    | 4P | 40 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 1    | 2P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ4   | 2    | 4P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 1    | 2P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | NZ5   | 2    | 4P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 1    | 2P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ4   | 2    | 4P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 1    | 2P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | NZ5   | 2    | 4P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 1    | 2P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ4   | 2    | 4P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 1    | 2P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | NZ5   | 2    | 4P | 44 | 15 | -  | -  | 3.0 | 2.5 | 5  |
| M3          | 0.50  | NZ5   | 1    | 2P | 46 | 18 | -  | -  | 3.0 | 3.2 | 6  |
| M3          | 0.50  | NZ5   | 2    | 4P | 46 | 18 | -  | -  | 3.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 1    | 2P | 46 | 18 | -  | -  | 3.0 | 3.2 | 6  |
| M3          | 0.50  | NZ6   | 2    | 4P | 46 | 18 | -  | -  | 3.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 1    | 2P | 46 | 18 | -  | -  | 3.0 | 3.2 | 6  |
| M3          | 0.50  | NZ7   | 2    | 4P | 46 | 18 | -  | -  | 3.0 | 3.2 | 6  |

## Long Thread Forming Taps--Metric

NS-ZL 加长牙型挤压丝锥-公制

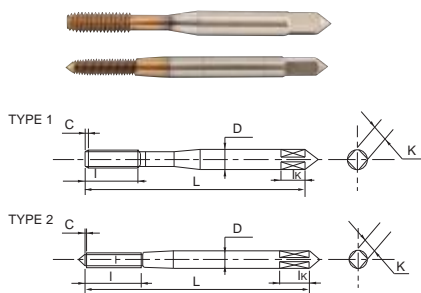
Order demonstration : M3.5\*0.60 NZ5 NS-XPM-ND

| Thread size | Pitch | Limit | Type | C | L  | I  | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|---|----|----|----|----|-----|-----|----|
| M3.5        | 0.60  | NZ5   | 2P   | 1 | 48 | 15 | -  | -  | 3.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ5   | 4P   | 2 | 48 | 15 | -  | -  | 3.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 2P   | 1 | 48 | 15 | -  | -  | 3.0 | 3.2 | 6  |
| M3.5        | 0.60  | NZ6   | 4P   | 2 | 48 | 15 | -  | -  | 3.0 | 3.2 | 6  |
| M4          | 0.70  | NZ6   | 2P   | 1 | 52 | 20 | -  | -  | 3.0 | 4.0 | 7  |
| M4          | 0.70  | NZ6   | 4P   | 2 | 52 | 20 | -  | -  | 3.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 2P   | 1 | 52 | 20 | -  | -  | 3.0 | 4.0 | 7  |
| M4          | 0.70  | NZ7   | 4P   | 2 | 52 | 20 | -  | -  | 3.0 | 4.0 | 7  |
| M5          | 0.80  | NZ7   | 2P   | 1 | 60 | 22 | -  | -  | 3.0 | 4.5 | 7  |
| M5          | 0.80  | NZ7   | 4P   | 2 | 60 | 22 | -  | -  | 3.0 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 2P   | 1 | 60 | 22 | -  | -  | 3.0 | 4.5 | 7  |
| M5          | 0.80  | NZ8   | 4P   | 2 | 60 | 22 | -  | -  | 3.0 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 2P   | 1 | 60 | 22 | -  | -  | 3.0 | 4.5 | 7  |
| M5          | 0.80  | NZ9   | 4P   | 2 | 60 | 22 | -  | -  | 3.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 2P   | 1 | 62 | 24 | -  | -  | 3.0 | 4.5 | 7  |
| M6          | 1.00  | NZ8   | 4P   | 2 | 62 | 24 | -  | -  | 3.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 2P   | 1 | 62 | 24 | -  | -  | 3.0 | 4.5 | 7  |
| M6          | 1.00  | NZ9   | 4P   | 2 | 62 | 24 | -  | -  | 3.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 2P   | 1 | 62 | 24 | -  | -  | 3.0 | 4.5 | 7  |
| M6          | 1.00  | NZ10  | 4P   | 2 | 62 | 24 | -  | -  | 3.0 | 4.5 | 7  |



## Long Thread Forming Taps--US

NS-ZL 加长牙型挤压丝锥·美制



### Material



### Surface Treatment



Suitable for deep through hole and blind hole of long thread, thread Machining without Cutting, tapping depth > 2 times diameter; 适合长螺纹的深通孔和深盲孔用，螺纹无削加工，牙深度>2.0倍直径；

Adopted of lengthened handle can satisfy some requirements of deep hole processing, and it can effectively improve the stability and processing efficiency in the process of processing; 采用加长螺纹、能满足一些长螺纹加工要求、有效提高加工过程中的稳定性和加工效率；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals; 适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : UN No.2-56\*NZ4 NS-XPM-ND

| Thread size  | Limit | Type | C  | L  | l  | Dn | In | D   | k   | lk |
|--------------|-------|------|----|----|----|----|----|-----|-----|----|
| UNC No.2-56  | NZ4   | 1    | 2P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ4   | 2    | 4P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 1    | 2P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.2-56  | NZ5   | 2    | 4P | 42 | 11 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 1    | 2P | 42 | 12 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ4   | 2    | 4P | 42 | 12 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 1    | 2P | 42 | 12 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.4-40  | NZ5   | 2    | 4P | 42 | 12 | -  | -  | 3.0 | 2.5 | 5  |
| UNC No.6-32  | NZ5   | 1    | 2P | 44 | 18 | -  | -  | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ5   | 2    | 4P | 44 | 18 | -  | -  | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 1    | 2P | 44 | 18 | -  | -  | 4.0 | 3.2 | 6  |
| UNC No.6-32  | NZ6   | 2    | 4P | 44 | 18 | -  | -  | 4.0 | 3.2 | 6  |
| UNC No.8-32  | NZ6   | 1    | 2P | 44 | 20 | -  | -  | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ6   | 2    | 4P | 44 | 20 | -  | -  | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 1    | 2P | 44 | 20 | -  | -  | 5.0 | 4.0 | 7  |
| UNC No.8-32  | NZ7   | 2    | 4P | 44 | 20 | -  | -  | 5.0 | 4.0 | 7  |
| UNC No.10-24 | NZ7   | 1    | 2P | 46 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ7   | 2    | 4P | 46 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 1    | 2P | 46 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-24 | NZ8   | 2    | 4P | 46 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-32 | NZ6   | 1    | 2P | 48 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-32 | NZ6   | 2    | 4P | 48 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-32 | NZ7   | 1    | 2P | 48 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC No.10-32 | NZ7   | 2    | 4P | 48 | 22 | -  | -  | 5.5 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 1    | 2P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ8   | 2    | 4P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 1    | 2P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | NZ9   | 2    | 4P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28   | NZ7   | 1    | 2P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28   | NZ7   | 2    | 4P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28   | NZ8   | 1    | 2P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28   | NZ8   | 2    | 4P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |

## Long Thread Forming Taps--US

NS-ZL 加长牙型挤压丝锥-美制

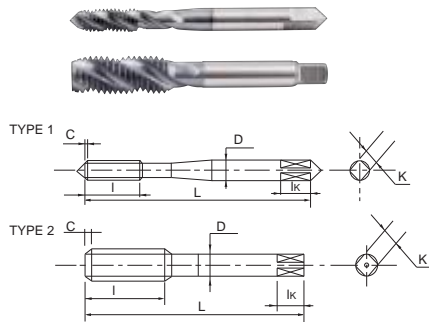
Order demonstration : UN No.2-56\*NZ4 NS-XPM-ND

| Thread size | Limit | Type | C  | L  | I  | Dn | In | D   | k   | lk |
|-------------|-------|------|----|----|----|----|----|-----|-----|----|
| UNC 1/4-20  | NZ8   | 1    | 2P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-20  | NZ8   | 2    | 4P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-20  | NZ9   | 1    | 2P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-20  | NZ9   | 2    | 4P | 52 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28  | NZ7   | 1    | 2P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28  | NZ7   | 2    | 4P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28  | NZ8   | 1    | 2P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |
| UNC 1/4-28  | NZ8   | 2    | 4P | 60 | 24 | -  | -  | 6.0 | 4.5 | 7  |



## Ordinary Spiral Taps--metric

NX 普通螺旋丝锥--公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用, 采用螺旋排削、有良好的排削性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M1.0\*0.25 N1 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L  | I | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|------|----|---|-----|----|-----|-----|----|
| M1.0        | 0.25  | N1    | 1    | 2.5P | 30 | 5 | -   | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N2    | 1    | 2.5P | 30 | 5 | -   | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N3    | 1    | 2.5P | 30 | 5 | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N1    | 1    | 2.5P | 32 | 5 | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N2    | 1    | 2.5P | 32 | 5 | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N3    | 1    | 2.5P | 32 | 5 | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N1    | 1    | 2.5P | 34 | 7 | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N2    | 1    | 2.5P | 34 | 7 | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N3    | 1    | 2.5P | 34 | 7 | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N1    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N2    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N3    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N1    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N2    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N3    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N1    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N2    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N3    | 1    | 2.5P | 36 | 8 | -   | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N1    | 2    | 2.5P | 40 | 6 | 1.5 | 12 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N2    | 2    | 2.5P | 40 | 6 | 1.5 | 12 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N3    | 2    | 2.5P | 40 | 6 | 1.5 | 12 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | N1    | 2    | 2.5P | 42 | 6 | 1.7 | 12 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | N2    | 2    | 2.5P | 42 | 6 | 1.7 | 12 | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | N3    | 2    | 2.5P | 42 | 6 | 1.7 | 12 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N1    | 2    | 2.5P | 42 | 6 | 1.8 | 12 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N2    | 2    | 2.5P | 42 | 6 | 1.8 | 12 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N3    | 2    | 2.5P | 42 | 6 | 1.8 | 12 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N1    | 2    | 2.5P | 44 | 7 | 2.0 | 14 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N2    | 2    | 2.5P | 44 | 7 | 2.0 | 14 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N3    | 2    | 2.5P | 44 | 7 | 2.0 | 14 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N1    | 2    | 2.5P | 44 | 7 | 2.1 | 14 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N2    | 2    | 2.5P | 44 | 7 | 2.1 | 14 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N3    | 2    | 2.5P | 44 | 7 | 2.1 | 14 | 3.0 | 2.5 | 5  |
| M3          | 0.50  | N2    | 2    | 2.5P | 46 | 8 | 2.4 | 16 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 2.5P | 46 | 8 | 2.4 | 16 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 2.5P | 46 | 8 | 2.4 | 16 | 4.0 | 3.2 | 6  |

## Ordinary Spiral Taps--metric

NX 普通螺旋丝锥--公制

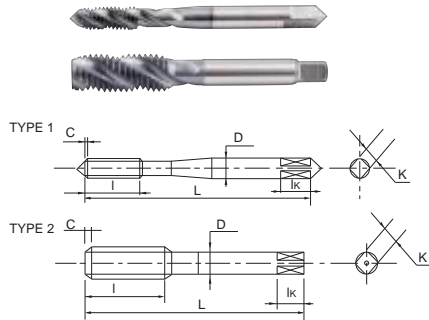
Order demonstration : M3\*0.5 N5 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L  | I  | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|------|----|----|-----|----|-----|-----|----|
| M3          | 0.50  | N5    | 2    | 2.5P | 46 | 8  | 2.4 | 16 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N2    | 2    | 2.5P | 48 | 8  | 2.8 | 16 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N3    | 2    | 2.5P | 48 | 8  | 2.8 | 16 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N4    | 2    | 2.5P | 48 | 8  | 2.8 | 16 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N5    | 2    | 2.5P | 48 | 8  | 2.8 | 16 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 2.5P | 52 | 9  | 3.2 | 19 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 2.5P | 52 | 9  | 3.2 | 19 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 2.5P | 52 | 9  | 3.2 | 19 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N5    | 2    | 2.5P | 52 | 9  | 3.2 | 19 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N2    | 2    | 2.5P | 52 | 9  | 3.6 | 19 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N3    | 2    | 2.5P | 52 | 9  | 3.6 | 19 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N4    | 2    | 2.5P | 52 | 9  | 3.6 | 19 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N5    | 2    | 2.5P | 52 | 9  | 3.6 | 19 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 2.5P | 60 | 10 | 4.1 | 20 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 2.5P | 60 | 10 | 4.1 | 20 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 2.5P | 60 | 10 | 4.1 | 20 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N5    | 2    | 2.5P | 60 | 10 | 4.1 | 20 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N5    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |



## Ordinary Spiral Taps--metric

NX 普通螺旋丝锥--公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用, 采用螺旋排削、有良好的排削性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

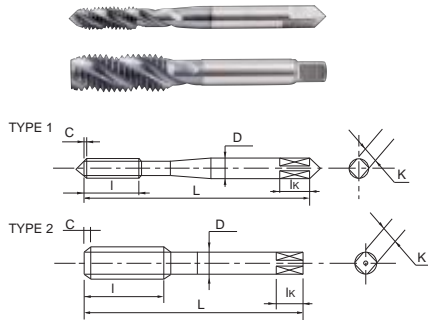
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M7\*1.00 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|------|-----|----|----|----|------|------|----|
| M7          | 1.00  | N2    | 3    | 2.5P | 65  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | N3    | 3    | 2.5P | 65  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | N4    | 3    | 2.5P | 65  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | N5    | 3    | 2.5P | 65  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N2    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N3    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N5    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M9          | 1.00  | N2    | 3    | 2.5P | 72  | 12 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | N3    | 3    | 2.5P | 72  | 12 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | N4    | 3    | 2.5P | 72  | 12 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | N5    | 3    | 2.5P | 72  | 12 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N2    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N3    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N5    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N5    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N6    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N6    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N6    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N6    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N6    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |

## Ordinary Spiral Taps--metric

NX 普通螺旋丝锥--公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用, 采用螺旋排削, 有良好的排削性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

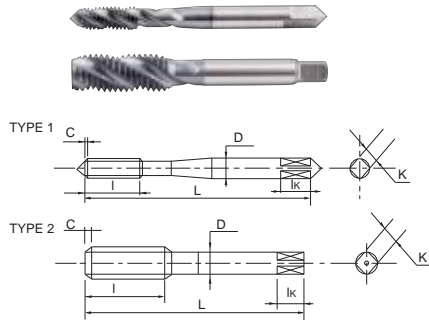
Order demonstration : M1.0\*0.20 N1 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L  | I  | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|------|----|----|-----|----|-----|-----|----|
| M1.0        | 0.20  | N1    | 1    | 2.5P | 30 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | N2    | 1    | 2.5P | 30 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | N1    | 1    | 2.5P | 32 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | N2    | 1    | 2.5P | 32 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | N1    | 1    | 2.5P | 34 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | N2    | 1    | 2.5P | 34 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | N1    | 1    | 2.5P | 36 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | N2    | 1    | 2.5P | 36 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | N1    | 2    | 2.5P | 40 | 6  | 1.5 | 12 | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | N2    | 2    | 2.5P | 40 | 6  | 1.5 | 12 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | N1    | 2    | 2.5P | 44 | 7  | 2.0 | 14 | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | N2    | 2    | 2.5P | 44 | 7  | 2.0 | 14 | 3.0 | 2.5 | 5  |
| M3          | 0.35  | N1    | 2    | 2.5P | 46 | 8  | 2.4 | 16 | 4.0 | 3.2 | 6  |
| M3          | 0.35  | N2    | 2    | 2.5P | 46 | 8  | 2.4 | 16 | 4.0 | 3.2 | 6  |
| M4          | 0.50  | N2    | 2    | 2.5P | 52 | 9  | 3.2 | 19 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | N3    | 2    | 2.5P | 52 | 9  | 3.2 | 19 | 5.0 | 4.0 | 7  |
| M5          | 0.50  | N2    | 2    | 2.5P | 60 | 10 | 4.1 | 20 | 5.5 | 4.5 | 7  |
| M5          | 0.50  | N3    | 2    | 2.5P | 60 | 10 | 4.1 | 20 | 5.5 | 4.5 | 7  |
| M6          | 0.50  | N2    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.50  | N3    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N2    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N3    | 2    | 2.5P | 62 | 12 | 4.9 | 22 | 6.0 | 4.5 | 7  |



## Ordinary Spiral Taps--metric

NX 普通螺旋丝锥--公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;

适合通孔和盲孔用,采用螺旋排削、有良好的排削性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M7\*0.75 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|------|-----|----|----|----|------|------|----|
| M7          | 0.75  | N2    | 3    | 2.5P | 65  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 0.75  | N3    | 3    | 2.5P | 65  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N2    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N3    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N2    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N3    | 3    | 2.5P | 70  | 12 | -  | -  | 6.2  | 5.0  | 8  |
| M10         | 1.00  | N2    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N3    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N4    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N2    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.50  | N2    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N2    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N2    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 2.5P | 82  | 17 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 1.50  | N2    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N2    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N3    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N4    | 3    | 2.5P | 88  | 20 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 1.50  | N2    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N3    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.00  | N2    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.00  | N3    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.00  | N4    | 3    | 2.5P | 95  | 20 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 1.50  | N2    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |

## Ordinary Spiral Taps--metric

NX 普通螺旋丝锥--公制

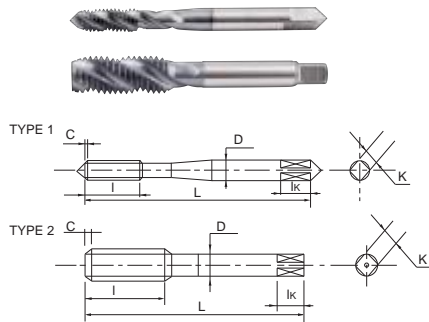
Order demonstration : M18\*1.00 NX NS-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|------|-----|----|----|----|------|------|----|
| M18         | 1.00  | N2    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.00  | N3    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.00  | N4    | 3    | 2.5P | 100 | 25 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 1.50  | N2    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.00  | N2    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.00  | N3    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.00  | N4    | 3    | 2.5P | 105 | 25 | -  | -  | 15.0 | 12.0 | 15 |



## Ordinary Spiral Taps--US

NX 普通螺旋丝锥--美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;

适合通孔和盲孔用，采用螺旋排削、有良好的排削性能;

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有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;

适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : UNC No.1-64\*N1 NX-XPM-ND

| Thread size  | Limit | Type | C    | L  | I  | Dn  | In | D   | k   | lk |
|--------------|-------|------|------|----|----|-----|----|-----|-----|----|
| UNC No.1-64  | N1    | 1    | 2.5P | 36 | 8  | -   | -  | 3.0 | 2.5 | 5  |
| UNC No.1-64  | N2    | 1    | 2.5P | 36 | 8  | -   | -  | 3.0 | 2.5 | 5  |
| UNC No.1-64  | N3    | 1    | 2.5P | 36 | 8  | -   | -  | 3.0 | 2.5 | 5  |
| UNC No.2-56  | N1    | 2    | 2.5P | 42 | 7  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.2-56  | N2    | 2    | 2.5P | 42 | 7  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.2-56  | N3    | 2    | 2.5P | 42 | 7  | 1.6 | 13 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | N1    | 2    | 2.5P | 44 | 7  | 1.9 | 13 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | N2    | 2    | 2.5P | 44 | 7  | 1.9 | 13 | 3.0 | 2.5 | 5  |
| UNC No.3-48  | N3    | 2    | 2.5P | 44 | 7  | 1.9 | 13 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | N1    | 2    | 2.5P | 44 | 8  | 2.1 | 16 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | N2    | 2    | 2.5P | 44 | 8  | 2.1 | 16 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | N3    | 2    | 2.5P | 44 | 8  | 2.1 | 16 | 3.0 | 2.5 | 5  |
| UNC No.5-40  | N1    | 2    | 2.5P | 46 | 8  | 2.5 | 16 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | N2    | 2    | 2.5P | 46 | 8  | 2.5 | 16 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | N3    | 2    | 2.5P | 46 | 8  | 2.5 | 16 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | N2    | 2    | 2.5P | 48 | 9  | 2.6 | 17 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | N3    | 2    | 2.5P | 48 | 9  | 2.6 | 17 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | N4    | 2    | 2.5P | 48 | 9  | 2.6 | 17 | 4.0 | 3.2 | 6  |
| UNC No.8-32  | N2    | 2    | 2.5P | 52 | 9  | 3.3 | 19 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | N3    | 2    | 2.5P | 52 | 9  | 3.3 | 19 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | N4    | 2    | 2.5P | 52 | 9  | 3.3 | 19 | 5.0 | 4.0 | 7  |
| UNC No.10-24 | N2    | 2    | 2.5P | 60 | 11 | 3.7 | 21 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | N3    | 2    | 2.5P | 60 | 11 | 3.7 | 21 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | N4    | 2    | 2.5P | 60 | 11 | 3.7 | 21 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | N2    | 2    | 2.5P | 60 | 11 | 4.3 | 21 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | N3    | 2    | 2.5P | 60 | 11 | 4.3 | 21 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | N4    | 2    | 2.5P | 60 | 11 | 4.3 | 21 | 5.5 | 4.5 | 7  |
| UNC 1/4-20   | N2    | 2    | 2.5P | 62 | 13 | 5.0 | 23 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | N3    | 2    | 2.5P | 62 | 13 | 5.0 | 23 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | N4    | 2    | 2.5P | 62 | 13 | 5.0 | 23 | 6.0 | 4.5 | 7  |

## Ordinary Spiral Taps--US

NX 普通螺旋丝锥--美制

Order demonstration : UNC No.5-16\*N2 NX-XPM-ND

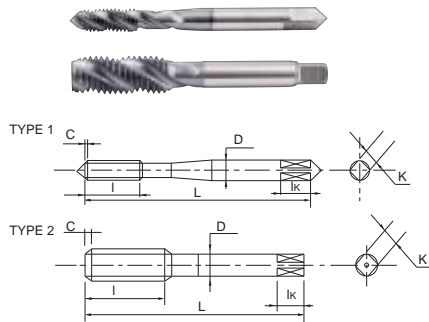
| Thread size | Limit | Type | C    | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|------|------|-----|----|----|----|------|------|----|
| UNC 5/16-18 | N2    | 3    | 2.5P | 70  | 14 | -  | -  | 6.1  | 5.0  | 8  |
| UNC 5/16-18 | N3    | 3    | 2.5P | 70  | 14 | -  | -  | 6.1  | 5.0  | 8  |
| UNC 5/16-18 | N4    | 3    | 2.5P | 70  | 14 | -  | -  | 6.1  | 5.0  | 8  |
| UNC 3/8-16  | N2    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| UNC 3/8-16  | N3    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| UNC 3/8-16  | N4    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| UNC 7/16-14 | N3    | 3    | 2.5P | 80  | 18 | -  | -  | 8.0  | 6.0  | 9  |
| UNC 7/16-14 | N4    | 3    | 2.5P | 80  | 18 | -  | -  | 8.0  | 6.0  | 9  |
| UNC 7/16-14 | N5    | 3    | 2.5P | 80  | 18 | -  | -  | 8.0  | 6.0  | 9  |
| UNC 1/2-13  | N3    | 3    | 2.5P | 85  | 20 | -  | -  | 9.0  | 7.0  | 10 |
| UNC 1/2-13  | N4    | 3    | 2.5P | 85  | 20 | -  | -  | 9.0  | 7.0  | 10 |
| UNC 1/2-13  | N5    | 3    | 2.5P | 85  | 20 | -  | -  | 9.0  | 7.0  | 10 |
| UNC 9/16-12 | N3    | 3    | 2.5P | 90  | 23 | -  | -  | 10.5 | 8.0  | 11 |
| UNC 9/16-12 | N4    | 3    | 2.5P | 90  | 23 | -  | -  | 10.5 | 8.0  | 11 |
| UNC 9/16-12 | N5    | 3    | 2.5P | 90  | 23 | -  | -  | 10.5 | 8.0  | 11 |
| UNC 5/8-11  | N3    | 3    | 2.5P | 95  | 25 | -  | -  | 12.0 | 9.0  | 12 |
| UNC 5/8-11  | N4    | 3    | 2.5P | 95  | 25 | -  | -  | 12.0 | 9.0  | 12 |
| UNC 5/8-11  | N5    | 3    | 2.5P | 95  | 25 | -  | -  | 12.0 | 9.0  | 12 |
| UNC 3/4-10  | N3    | 3    | 2.5P | 105 | 28 | -  | -  | 14.0 | 11.0 | 14 |
| UNC 3/4-10  | N4    | 3    | 2.5P | 105 | 28 | -  | -  | 14.0 | 11.0 | 14 |
| UNC 3/4-10  | N5    | 3    | 2.5P | 105 | 28 | -  | -  | 14.0 | 11.0 | 14 |





## Ordinary Spiral Taps--US

NX 普通螺旋丝锥--美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

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Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;

适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : UNF No.0-80\*N1 NX-XPM-ND

| Thread size  | Limit | Type | C    | L  | I  | Dn  | In | D   | k   | lk |
|--------------|-------|------|------|----|----|-----|----|-----|-----|----|
| UNF No.0-80  | N1    | 1    | 2.5P | 36 | 7  | -   | -  | 3.0 | 2.5 | 5  |
| UNF No.0-80  | N2    | 1    | 2.5P | 36 | 7  | -   | -  | 3.0 | 2.5 | 5  |
| UNF No.1-72  | N1    | 1    | 2.5P | 36 | 7  | -   | -  | 3.0 | 2.5 | 5  |
| UNF No.1-72  | N2    | 1    | 2.5P | 36 | 7  | -   | -  | 3.0 | 2.5 | 5  |
| UNF No.2-64  | N1    | 2    | 2.5P | 42 | 6  | 1.6 | 12 | 3.0 | 2.5 | 5  |
| UNF No.2-64  | N2    | 2    | 2.5P | 42 | 6  | 1.6 | 12 | 3.0 | 2.5 | 5  |
| UNF No.3-56  | N1    | 2    | 2.5P | 44 | 7  | 1.9 | 14 | 3.0 | 2.5 | 5  |
| UNF No.3-56  | N2    | 2    | 2.5P | 44 | 7  | 1.9 | 14 | 3.0 | 2.5 | 5  |
| UNF No.4-48  | N1    | 2    | 2.5P | 44 | 7  | 2.1 | 14 | 3.0 | 2.5 | 5  |
| UNF No.4-48  | N2    | 2    | 2.5P | 44 | 7  | 2.1 | 14 | 3.0 | 2.5 | 5  |
| UNF No.5-44  | N1    | 2    | 2.5P | 46 | 8  | 2.5 | 16 | 4.0 | 3.2 | 6  |
| UNF No.5-44  | N2    | 2    | 2.5P | 46 | 8  | 2.5 | 16 | 4.0 | 3.2 | 6  |
| UNF No.6-40  | N1    | 2    | 2.5P | 48 | 9  | 2.6 | 17 | 4.0 | 3.2 | 6  |
| UNF No.6-40  | N2    | 2    | 2.5P | 48 | 9  | 2.6 | 17 | 4.0 | 3.2 | 6  |
| UNF No.8-36  | N2    | 2    | 2.5P | 52 | 9  | 3.3 | 19 | 5.0 | 4.0 | 7  |
| UNF No.8-36  | N3    | 2    | 2.5P | 52 | 9  | 3.3 | 19 | 5.0 | 4.0 | 7  |
| UNF No.10-32 | N2    | 2    | 2.5P | 60 | 11 | 3.7 | 21 | 5.5 | 4.5 | 7  |
| UNF No.10-32 | N3    | 2    | 2.5P | 60 | 11 | 3.7 | 21 | 5.5 | 4.5 | 7  |
| UNF No.12-28 | N2    | 2    | 2.5P | 60 | 11 | 4.3 | 21 | 5.5 | 4.5 | 7  |
| UNF No.12-28 | N3    | 2    | 2.5P | 60 | 11 | 4.3 | 21 | 5.5 | 4.5 | 7  |
| UNF 1/4-28   | N2    | 2    | 2.5P | 62 | 13 | 5.0 | 23 | 6.0 | 4.5 | 7  |
| UNF 1/4-28   | N3    | 2    | 2.5P | 62 | 13 | 5.0 | 23 | 6.0 | 4.5 | 7  |

## Ordinary Spiral Taps--US

NX 普通螺旋丝锥--美制

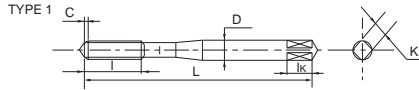
Order demonstration : UNC No.5/16-24\*N2 NX-XPM-ND

| Thread size | Limit | Type | C    | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|------|------|-----|----|----|----|------|------|----|
| UNF 5/16-24 | N2    | 3    | 2.5P | 70  | 14 | -  | -  | 6.1  | 5.0  | 8  |
| UNF 5/16-24 | N3    | 3    | 2.5P | 70  | 14 | -  | -  | 6.1  | 5.0  | 8  |
| UNF 3/8-24  | N2    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| UNF 3/8-24  | N3    | 3    | 2.5P | 75  | 15 | -  | -  | 7.0  | 5.5  | 8  |
| UNF 7/16-20 | N2    | 3    | 2.5P | 80  | 18 | -  | -  | 8.0  | 6.0  | 9  |
| UNF 7/16-20 | N3    | 3    | 2.5P | 80  | 18 | -  | -  | 8.0  | 6.0  | 9  |
| UNF 1/2-20  | N2    | 3    | 2.5P | 85  | 20 | -  | -  | 9.0  | 7.0  | 10 |
| UNF 1/2-20  | N3    | 3    | 2.5P | 85  | 20 | -  | -  | 9.0  | 7.0  | 10 |
| UNF 9/16-18 | N3    | 3    | 2.5P | 90  | 23 | -  | -  | 10.5 | 8.0  | 11 |
| UNF 9/16-18 | N4    | 3    | 2.5P | 90  | 23 | -  | -  | 10.5 | 8.0  | 11 |
| UNF 9/16-18 | N5    | 3    | 2.5P | 90  | 23 | -  | -  | 10.5 | 8.0  | 11 |
| UNF 5/8-18  | N3    | 3    | 2.5P | 95  | 25 | -  | -  | 12.0 | 9.0  | 12 |
| UNF 5/8-18  | N4    | 3    | 2.5P | 95  | 25 | -  | -  | 12.0 | 9.0  | 12 |
| UNF 5/8-18  | N5    | 3    | 2.5P | 95  | 25 | -  | -  | 12.0 | 9.0  | 12 |
| UNF 3/4-16  | N3    | 3    | 2.5P | 105 | 28 | -  | -  | 14.0 | 11.0 | 14 |
| UNF 3/4-16  | N4    | 3    | 2.5P | 105 | 28 | -  | -  | 14.0 | 11.0 | 14 |
| UNF 3/4-16  | N5    | 3    | 2.5P | 105 | 28 | -  | -  | 14.0 | 11.0 | 14 |



## Long handle Spiral Tap

NX-ZLHO 加长柄螺旋丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用, 有良好的排削性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工, 有效提高加工过程中的稳定性和加工效率;

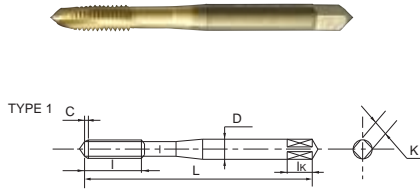
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M1.0\*0.25 N1 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|------|-----|-----|----|
| M1.0        | 0.25  | N1    | 1    | 5P | 60  | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N2    | 1    | 5P | 60  | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N3    | 1    | 5P | 60  | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N1    | 1    | 5P | 60  | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N2    | 1    | 5P | 60  | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N3    | 1    | 5P | 60  | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N1    | 1    | 5P | 60  | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N2    | 1    | 5P | 60  | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N3    | 1    | 5P | 60  | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N1    | 1    | 5P | 60  | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N2    | 1    | 5P | 60  | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N3    | 1    | 5P | 60  | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N1    | 2    | 5P | 80  | 5    | 1.5 | 11   | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N2    | 2    | 5P | 80  | 5    | 1.5 | 11   | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N3    | 2    | 5P | 80  | 5    | 1.5 | 11   | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N1    | 2    | 5P | 80  | 5    | 1.8 | 11   | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N2    | 2    | 5P | 80  | 5    | 1.8 | 11   | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N3    | 2    | 5P | 80  | 5    | 1.8 | 11   | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N1    | 2    | 5P | 80  | 5.6  | 2.0 | 13   | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N2    | 2    | 5P | 80  | 5.6  | 2.0 | 13   | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N3    | 2    | 5P | 80  | 5.6  | 2.0 | 13   | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N1    | 2    | 5P | 80  | 5.6  | 2.1 | 13   | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N2    | 2    | 5P | 80  | 5.6  | 2.1 | 13   | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N3    | 2    | 5P | 80  | 5.6  | 2.1 | 13   | 3.0 | 2.5 | 5  |
| M3          | 0.50  | N2    | 2    | 5P | 80  | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 80  | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 80  | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 80  | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 80  | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 80  | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 100 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 100 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 100 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 100 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 100 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 100 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |

## Long handle Spiral Tap

NX-ZLHO 加长柄螺旋丝锥



### Material



### Surface Treatment



Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排削性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工、有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M8\*0.25 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M8          | 1.25  | N2    | 3    | 5P | 100 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 100 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 100 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N2    | 3    | 5P | 100 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N3    | 3    | 5P | 100 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N4    | 3    | 5P | 100 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 100 | 23.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 100 | 23.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 100 | 23.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 100 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 100 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 100 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N2    | 3    | 5P | 100 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N3    | 3    | 5P | 100 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N4    | 3    | 5P | 100 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N2    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N2    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 5P | 100 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 120 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 120 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 120 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N5    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N4    | 3    | 5P | 150 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 150 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |



## Long handle Spiral Tap

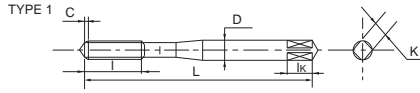
NX-ZLH0 加长柄螺旋丝锥

Order demonstration : M16\*1.50 N3 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | Ik |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M16         | 1.50  | N3    | 3    | 5P | 150 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 5P | 150 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N5    | 3    | 5P | 150 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 150 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 150 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 150 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 3    | 5P | 150 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 3    | 5P | 150 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N5    | 3    | 5P | 150 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 150 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 150 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 150 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 5P | 150 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 5P | 150 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N5    | 3    | 5P | 150 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |

## Middle long handle Spiral Tap

NX-ZLH1 中长柄螺旋丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排削性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工,有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M3\*0.50 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|------|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 100 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 100 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 100 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 100 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 100 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 100 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 100 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 120 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 120 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 120 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 120 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 120 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M8          | 1.25  | N2    | 3    | 5P | 120 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 120 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 120 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.00  | N2    | 3    | 5P | 150 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.00  | N3    | 3    | 5P | 150 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.00  | N4    | 3    | 5P | 150 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 120 | 23.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 120 | 23.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 120 | 23.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 150 | 24.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 150 | 24.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 150 | 24.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.00  | N2    | 3    | 5P | 150 | 24.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.00  | N3    | 3    | 5P | 150 | 24.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.00  | N4    | 3    | 5P | 150 | 24.0 | -   | -    | 7.0 | 5.5 | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 120 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 120 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 120 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.50  | N2    | 3    | 5P | 150 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 150 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 150 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 150 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 150 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 150 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |



## Middle long handle Spiral Tap

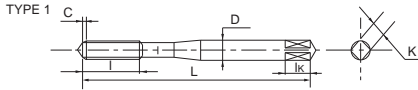
NX-ZLH1 中长柄螺旋丝锥

Order demonstration : M12\*1.00 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M12         | 1.00  | N2    | 3    | 5P | 150 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 5P | 150 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 5P | 150 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 150 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 5P | 200 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 5P | 200 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N5    | 3    | 5P | 200 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 200 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 5P | 200 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 200 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N3    | 3    | 5P | 200 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 5P | 200 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N5    | 3    | 5P | 200 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 200 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 200 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 200 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 3    | 5P | 200 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 3    | 5P | 200 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N5    | 3    | 5P | 200 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 200 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 200 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 200 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 5P | 200 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 5P | 200 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N5    | 3    | 5P | 200 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |

## Super long handle Spiral Tap

NX-ZLH2 超长柄螺旋丝锥



### Material



### Surface Treatment



Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排削性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工、有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M3\*0.50 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|------|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 120 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 120 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 120 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 120 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 120 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 120 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 150 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 150 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 150 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 150 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 150 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 150 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |





## Super long handle Spiral Tap

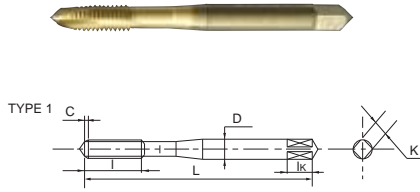
NX-ZLH2 超长柄螺旋丝锥

Order demonstration : M8\*1.25 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | Ik |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M8          | 1.25  | N2    | 3    | 5P | 150 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 150 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 150 | 19.0 | -  | -  | 6.2  | 5.0  | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 150 | 23.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 150 | 23.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 150 | 23.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 200 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 200 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 200 | 24.0 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 150 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 150 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 150 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N2    | 3    | 5P | 200 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 200 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 200 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 200 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 200 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 200 | 29.0 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 200 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 200 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 200 | 30.0 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 250 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 5P | 250 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 250 | 32.0 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 250 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 250 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 250 | 37.0 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 250 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 250 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 250 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |

## Specially handled Spiral Tap

NX-ZLH3 特长柄螺旋丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排削性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工、有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

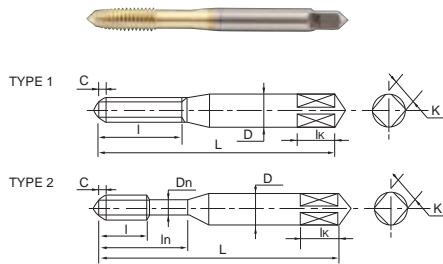
Order demonstration : M3\*0.50 N2 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|------|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 150 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 150 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 150 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 150 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 150 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 150 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 200 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 200 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 200 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M8          | 1.25  | N2    | 3    | 5P | 200 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 200 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 200 | 19.0 | -   | -    | 6.2 | 5.0 | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 200 | 23.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 200 | 23.0 | -   | -    | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 200 | 23.0 | -   | -    | 7.0 | 5.5 | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 200 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 200 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 200 | 29.0 | -   | -    | 8.5 | 6.5 | 9  |



## Ordinary Tip tap--Metric

NZT 普通型先端槽丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用，有良好的排屑性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M1.0\*0.25 N1 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I | Dn | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|---|----|----|-----|-----|----|
| M1.0        | 0.25  | N1    | 1    | 5P | 30 | 5 | -  | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N2    | 1    | 5P | 30 | 5 | -  | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N3    | 1    | 5P | 30 | 5 | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N1    | 1    | 5P | 32 | 5 | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N2    | 1    | 5P | 32 | 5 | -  | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N3    | 1    | 5P | 32 | 5 | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N1    | 1    | 5P | 34 | 7 | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N2    | 1    | 5P | 34 | 7 | -  | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N3    | 1    | 5P | 34 | 7 | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N1    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N2    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N3    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N1    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N2    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N3    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N1    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N2    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N3    | 1    | 5P | 36 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N1    | 1    | 5P | 40 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N2    | 1    | 5P | 40 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N3    | 1    | 5P | 40 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | N1    | 1    | 5P | 42 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | N2    | 1    | 5P | 42 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.2        | 0.45  | N3    | 1    | 5P | 42 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N1    | 1    | 5P | 42 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N2    | 1    | 5P | 42 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N3    | 1    | 5P | 42 | 8 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N1    | 1    | 5P | 44 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N2    | 1    | 5P | 44 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N3    | 1    | 5P | 44 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N1    | 1    | 5P | 44 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N2    | 1    | 5P | 44 | 9 | -  | -  | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N3    | 1    | 5P | 44 | 9 | -  | -  | 3.0 | 2.5 | 5  |

## Ordinary Tip tap--Metric

NZT 普通型先端槽丝锥-公制

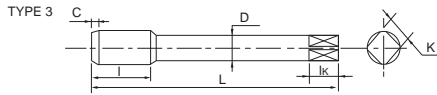
Order demonstration : M3\*0.50 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I  | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|----|-----|----|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 46 | 11 | 2.4 | 19 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 46 | 11 | 2.4 | 19 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 46 | 11 | 2.4 | 19 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N5    | 2    | 5P | 46 | 11 | 2.4 | 19 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N2    | 2    | 5P | 48 | 13 | 2.8 | 22 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N3    | 2    | 5P | 48 | 13 | 2.8 | 22 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N4    | 2    | 5P | 48 | 13 | 2.8 | 22 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N5    | 2    | 5P | 48 | 13 | 2.8 | 22 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 52 | 13 | 3.2 | 23 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 52 | 13 | 3.2 | 23 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 52 | 13 | 3.2 | 23 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N5    | 2    | 5P | 52 | 13 | 3.2 | 23 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N2    | 2    | 5P | 52 | 14 | 3.6 | 24 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N3    | 2    | 5P | 52 | 14 | 3.6 | 24 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N4    | 2    | 5P | 52 | 14 | 3.6 | 24 | 5.0 | 4.0 | 7  |
| M4.5        | 0.75  | N5    | 2    | 5P | 52 | 14 | 3.6 | 24 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 60 | 16 | 4.1 | 26 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 60 | 16 | 4.1 | 26 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 60 | 16 | 4.1 | 26 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N5    | 2    | 5P | 60 | 16 | 4.1 | 26 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N5    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |



## Ordinary Tip tap--Metric

NZT 普通型先端槽丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排屑性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

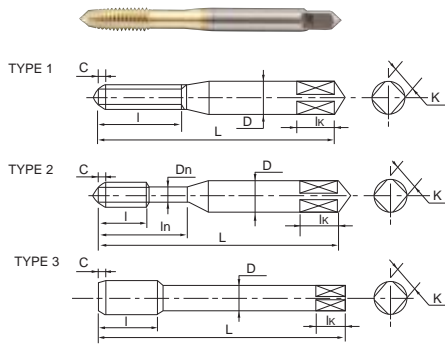
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M7\*1.00 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M7          | 1.00  | N2    | 3    | 5P | 65  | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | N3    | 3    | 5P | 65  | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | N4    | 3    | 5P | 65  | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 1.00  | N5    | 3    | 5P | 65  | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N2    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N5    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M9          | 1.00  | N2    | 3    | 5P | 72  | 22 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | N3    | 3    | 5P | 72  | 22 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | N4    | 3    | 5P | 72  | 22 | -  | -  | 7.0  | 5.5  | 8  |
| M9          | 1.00  | N5    | 3    | 5P | 72  | 22 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N5    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N6    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N6    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N6    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N6    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N6    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |

## Ordinary Tip tap--Metric

NZT 普通型先端槽丝锥-公制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排削性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M1.0\*0.20 N1 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I  | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|----|----|-----|----|-----|-----|----|
| M1.0        | 0.20  | N1    | 1    | 5P | 30 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.20  | N2    | 1    | 5P | 30 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | N1    | 1    | 5P | 32 | 5  | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.20  | N2    | 1    | 5P | 32 | 6  | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | N1    | 1    | 5P | 34 | 6  | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.20  | N2    | 1    | 5P | 34 | 6  | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | N1    | 1    | 5P | 36 | 7  | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.20  | N2    | 1    | 5P | 36 | 7  | -   | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | N1    | 2    | 5P | 40 | 8  | -   | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.25  | N2    | 2    | 5P | 40 | 8  | -   | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | N1    | 2    | 5P | 44 | 9  | -   | -  | 3.0 | 2.5 | 5  |
| M2.5        | 0.35  | N2    | 2    | 5P | 44 | 9  | -   | -  | 3.0 | 2.5 | 5  |
| M3          | 0.35  | N1    | 2    | 5P | 46 | 10 | 2.4 | 18 | 4.0 | 3.2 | 6  |
| M3          | 0.35  | N2    | 2    | 5P | 46 | 10 | 2.4 | 18 | 4.0 | 3.2 | 6  |
| M4          | 0.50  | N2    | 2    | 5P | 52 | 13 | 3.2 | 23 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | N3    | 2    | 5P | 52 | 13 | 3.2 | 23 | 5.0 | 4.0 | 7  |
| M5          | 0.50  | N2    | 2    | 5P | 60 | 16 | 4.1 | 26 | 5.5 | 4.5 | 7  |
| M5          | 0.50  | N3    | 2    | 5P | 60 | 16 | 4.1 | 26 | 5.5 | 4.5 | 7  |
| M6          | 0.50  | N2    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |
| M6          | 0.50  | N3    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N2    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |
| M6          | 0.75  | N3    | 2    | 5P | 62 | 19 | 4.9 | 29 | 6.0 | 4.5 | 7  |



## Ordinary Tip tap--Metric

NZT 普通型先端槽丝锥-公制

Order demonstration : M7\*0.75 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M7          | 0.75  | N2    | 3    | 5P | 65  | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M7          | 0.75  | N3    | 3    | 5P | 65  | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N2    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N3    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N2    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N3    | 3    | 5P | 70  | 22 | -  | -  | 6.2  | 5.0  | 8  |
| M10         | 1.00  | N2    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N3    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N4    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 75  | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.50  | N2    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N2    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 5P | 82  | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 1.50  | N2    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N2    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N3    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N4    | 3    | 5P | 88  | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 1.50  | N2    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N3    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.00  | N2    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.00  | N3    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.00  | N4    | 3    | 5P | 95  | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 1.50  | N2    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.00  | N2    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.00  | N3    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.00  | N4    | 3    | 5P | 100 | 37 | -  | -  | 14.0 | 11.0 | 14 |

## Ordinary Tip tap--Metric

NZT 普通型先端槽丝锥 - 公制

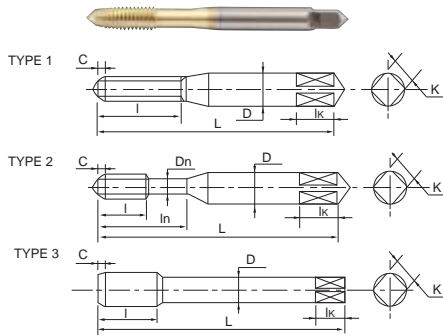
Order demonstration : M20\*1.50 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M20         | 1.50  | N2    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.00  | N2    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.00  | N3    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.00  | N4    | 3    | 5P | 105 | 37 | -  | -  | 15.0 | 12.0 | 15 |



## Ordinary Tip tap--US

NZT 普通型先端槽丝锥-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排屑性能;

Effective Improvement of Processing Performance and Efficiency;  
有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : UNF No.2-56\*N1 NZT-XPM-ND

| Thread size  | Limit | Type | C  | L  | I  | Dn  | In | D   | k   | lk |
|--------------|-------|------|----|----|----|-----|----|-----|-----|----|
| UNC No.2-56  | N1    | 1    | 5P | 42 | 9  | -   | -  | 3.0 | 2.5 | 5  |
| UNC No.2-56  | N2    | 1    | 5P | 42 | 9  | -   | -  | 3.0 | 2.5 | 5  |
| UNC No.2-56  | N3    | 2    | 5P | 42 | 9  | -   | -  | 3.0 | 2.5 | 5  |
| UNC No.4-40  | N1    | 2    | 5P | 44 | 11 | 2.1 | 19 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | N2    | 2    | 5P | 44 | 11 | 2.1 | 19 | 3.0 | 2.5 | 5  |
| UNC No.4-40  | N3    | 2    | 5P | 44 | 11 | 2.1 | 19 | 3.0 | 2.5 | 5  |
| UNC No.5-40  | N1    | 2    | 5P | 46 | 11 | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | N2    | 2    | 5P | 46 | 11 | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.5-40  | N3    | 2    | 5P | 46 | 11 | 2.5 | 19 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | N2    | 2    | 5P | 48 | 12 | 2.6 | 20 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | N3    | 2    | 5P | 48 | 12 | 2.6 | 20 | 4.0 | 3.2 | 6  |
| UNC No.6-32  | N4    | 2    | 5P | 48 | 12 | 2.6 | 20 | 4.0 | 3.2 | 6  |
| UNC No.8-32  | N2    | 2    | 5P | 52 | 13 | 3.3 | 23 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | N3    | 2    | 5P | 52 | 13 | 3.3 | 23 | 5.0 | 4.0 | 7  |
| UNC No.8-32  | N4    | 2    | 5P | 52 | 13 | 3.3 | 23 | 5.0 | 4.0 | 7  |
| UNC No.10-24 | N2    | 2    | 5P | 60 | 16 | 3.7 | 26 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | N3    | 2    | 5P | 60 | 16 | 3.7 | 26 | 5.5 | 4.5 | 7  |
| UNC No.10-24 | N4    | 2    | 5P | 60 | 16 | 3.7 | 26 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | N2    | 2    | 5P | 60 | 16 | 4.3 | 26 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | N3    | 2    | 5P | 60 | 16 | 4.3 | 26 | 5.5 | 4.5 | 7  |
| UNC No.12-24 | N4    | 2    | 5P | 60 | 16 | 4.3 | 26 | 5.5 | 4.5 | 7  |
| UNC 1/4-20   | N2    | 2    | 5P | 62 | 19 | 5.0 | 29 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | N3    | 2    | 5P | 62 | 19 | 5.0 | 29 | 6.0 | 4.5 | 7  |
| UNC 1/4-20   | N4    | 2    | 5P | 62 | 19 | 5.0 | 29 | 6.0 | 4.5 | 7  |
| UNC 5/16-18  | N2    | 3    | 5P | 70 | 22 | -   | -  | 6.1 | 5.0 | 8  |
| UNC 5/16-18  | N3    | 3    | 5P | 70 | 22 | -   | -  | 6.1 | 5.0 | 8  |
| UNC 5/16-18  | N4    | 3    | 5P | 70 | 22 | -   | -  | 6.1 | 5.0 | 8  |
| UNC 3/8-16   | N2    | 3    | 5P | 75 | 24 | -   | -  | 7.0 | 5.5 | 8  |
| UNC 3/8-16   | N3    | 3    | 5P | 75 | 24 | -   | -  | 7.0 | 5.5 | 8  |
| UNC 3/8-16   | N4    | 3    | 5P | 75 | 24 | -   | -  | 7.0 | 5.5 | 8  |
| UNC 7/16-14  | N2    | 3    | 5P | 80 | 25 | -   | -  | 8.0 | 6.0 | 9  |
| UNC 7/16-14  | N3    | 3    | 5P | 80 | 25 | -   | -  | 8.0 | 6.0 | 9  |
| UNC 7/16-14  | N4    | 3    | 5P | 80 | 25 | -   | -  | 8.0 | 6.0 | 9  |
| UNC 1/2-13   | N2    | 3    | 5P | 85 | 29 | -   | -  | 9.0 | 7.0 | 10 |
| UNC 1/2-13   | N3    | 3    | 5P | 85 | 29 | -   | -  | 9.0 | 7.0 | 10 |
| UNC 1/2-13   | N4    | 3    | 5P | 85 | 29 | -   | -  | 9.0 | 7.0 | 10 |

## Ordinary Tip tap--US

NZT 普通型先端槽丝锥-美制

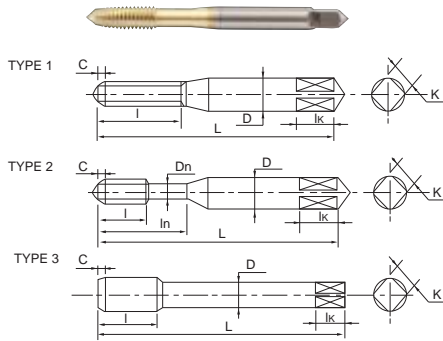
Order demonstration : UNC 9/16-12\*N2 NZT-XPM-ND

| Thread size | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|------|----|-----|----|----|----|------|------|----|
| UNC 9/16-12 | N2    | 3    | 5P | 90  | 32 | -  | -  | 10.5 | 8.0  | 11 |
| UNC 9/16-12 | N3    | 3    | 5P | 90  | 32 | -  | -  | 10.5 | 8.0  | 11 |
| UNC 9/16-12 | N4    | 3    | 5P | 90  | 32 | -  | -  | 10.5 | 8.0  | 11 |
| UNC 5/8-11  | N2    | 3    | 5P | 95  | 37 | -  | -  | 12.5 | 9.0  | 12 |
| UNC 5/8-11  | N3    | 3    | 5P | 95  | 37 | -  | -  | 12.5 | 9.0  | 12 |
| UNC 5/8-11  | N4    | 3    | 5P | 95  | 37 | -  | -  | 12.5 | 9.0  | 12 |
| UNC 3/4-10  | N2    | 3    | 5P | 105 | 38 | -  | -  | 14.0 | 11.0 | 14 |
| UNC 3/4-10  | N3    | 3    | 5P | 105 | 38 | -  | -  | 14.0 | 11.0 | 14 |
| UNC 3/4-10  | N4    | 3    | 5P | 105 | 38 | -  | -  | 14.0 | 11.0 | 14 |



## Ordinary Tip tap-US

NZT 普通型先端槽丝锥-美制



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance ;  
适合通孔和盲孔用，有良好的排屑性能；

Effective Improvement of Processing Performance and Efficiency ;  
有效提高加工过程中的稳定性和加工效率；

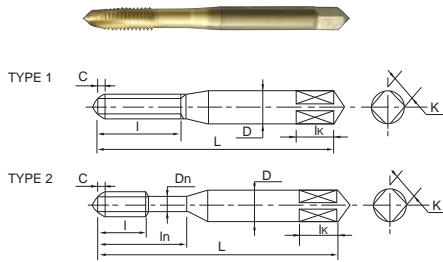
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals ;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : UNF No.2-64\*N1 NZT-XPM-ND

| Thread size  | Limit | Type | C  | L   | I  | Dn  | In | D    | k    | lk |
|--------------|-------|------|----|-----|----|-----|----|------|------|----|
| UNF No.2-64  | N1    | 1    | 5P | 42  | 7  | -   | -  | 3.0  | 2.5  | 5  |
| UNF No.2-64  | N2    | 1    | 5P | 42  | 7  | -   | -  | 3.0  | 2.5  | 5  |
| UNF No.4-48  | N1    | 2    | 5P | 44  | 11 | 2.1 | 19 | 3.0  | 2.5  | 5  |
| UNF No.4-48  | N2    | 2    | 5P | 44  | 11 | 2.1 | 19 | 3.0  | 2.5  | 5  |
| UNF No.6-40  | N1    | 2    | 5P | 48  | 12 | 2.6 | 20 | 4.0  | 3.2  | 6  |
| UNF No.6-40  | N2    | 2    | 5P | 48  | 12 | 2.6 | 20 | 4.0  | 3.2  | 6  |
| UNF No.8-36  | N2    | 2    | 5P | 52  | 13 | 3.3 | 23 | 5.0  | 4.0  | 7  |
| UNF No.8-36  | N3    | 2    | 5P | 52  | 13 | 3.3 | 23 | 5.0  | 4.0  | 7  |
| UNF No.10-32 | N2    | 2    | 5P | 60  | 16 | 3.7 | 26 | 5.5  | 4.5  | 7  |
| UNF No.10-32 | N3    | 2    | 5P | 60  | 16 | 3.7 | 26 | 5.5  | 4.5  | 7  |
| UNF No.12-28 | N2    | 2    | 5P | 60  | 16 | 4.3 | 26 | 5.5  | 4.5  | 7  |
| UNF No.12-28 | N3    | 2    | 5P | 60  | 16 | 4.3 | 26 | 5.5  | 4.5  | 7  |
| UNF 1/4-28   | N2    | 2    | 5P | 62  | 19 | 5.0 | 29 | 6.0  | 4.5  | 7  |
| UNF 1/4-28   | N3    | 2    | 5P | 62  | 19 | 5.0 | 29 | 6.0  | 4.5  | 7  |
| UNF 5/16-24  | N2    | 3    | 5P | 70  | 22 | -   | -  | 6.1  | 5.0  | 8  |
| UNF 5/16-24  | N3    | 3    | 5P | 70  | 22 | -   | -  | 6.1  | 5.0  | 8  |
| UNF 3/8-24   | N2    | 3    | 5P | 75  | 24 | -   | -  | 7.0  | 5.5  | 8  |
| UNF 3/8-24   | N3    | 3    | 5P | 75  | 24 | -   | -  | 7.0  | 5.5  | 8  |
| UNF 7/16-20  | N2    | 3    | 5P | 80  | 25 | -   | -  | 8.0  | 6.0  | 9  |
| UNF 7/16-20  | N3    | 3    | 5P | 80  | 25 | -   | -  | 8.0  | 6.0  | 9  |
| UNF 1/2-20   | N2    | 3    | 5P | 85  | 29 | -   | -  | 9.0  | 7.0  | 10 |
| UNF 1/2-20   | N3    | 3    | 5P | 85  | 29 | -   | -  | 9.0  | 7.0  | 10 |
| UNF 9/16-18  | N3    | 3    | 5P | 90  | 32 | -   | -  | 10.5 | 8.0  | 11 |
| UNF 9/16-18  | N4    | 3    | 5P | 90  | 32 | -   | -  | 10.5 | 8.0  | 11 |
| UNF 9/16-18  | N5    | 3    | 5P | 90  | 32 | -   | -  | 10.5 | 8.0  | 11 |
| UNF 5/8-18   | N3    | 3    | 5P | 95  | 37 | -   | -  | 12.0 | 9.0  | 12 |
| UNF 5/8-18   | N4    | 3    | 5P | 95  | 37 | -   | -  | 12.0 | 9.0  | 12 |
| UNF 5/8-18   | N5    | 3    | 5P | 95  | 37 | -   | -  | 12.0 | 9.0  | 12 |
| UNF 3/4-16   | N3    | 3    | 5P | 105 | 38 | -   | -  | 14.0 | 11.0 | 14 |
| UNF 3/4-16   | N4    | 3    | 5P | 105 | 38 | -   | -  | 14.0 | 11.0 | 14 |
| UNF 3/4-16   | N5    | 3    | 5P | 105 | 38 | -   | -  | 14.0 | 11.0 | 14 |

## Long Tip Taps

NZT-ZLH0 加长柄先端丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排屑性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工,有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

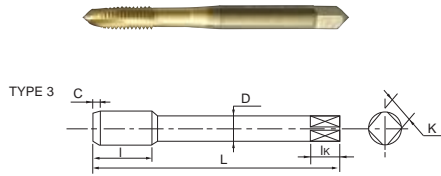
Order demonstration : M1.0\*0.25 N1 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|----|-----|-----|----|
| M1.0        | 0.25  | N1    | 1    | 5P | 60  | 5    | -   | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N2    | 1    | 5P | 60  | 5    | -   | -  | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N3    | 1    | 5P | 60  | 5    | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N1    | 1    | 5P | 60  | 5    | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N2    | 1    | 5P | 60  | 5    | -   | -  | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N3    | 1    | 5P | 60  | 5    | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N1    | 1    | 5P | 60  | 7    | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N2    | 1    | 5P | 60  | 7    | -   | -  | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N3    | 1    | 5P | 60  | 7    | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N1    | 1    | 5P | 60  | 8    | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N2    | 1    | 5P | 60  | 8    | -   | -  | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N3    | 1    | 5P | 60  | 8    | -   | -  | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N1    | 2    | 5P | 80  | 5    | 1.5 | 11 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N2    | 2    | 5P | 80  | 5    | 1.5 | 11 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N3    | 2    | 5P | 80  | 5    | 1.5 | 11 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N1    | 2    | 5P | 80  | 5    | 1.8 | 11 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N2    | 2    | 5P | 80  | 5    | 1.8 | 11 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N3    | 2    | 5P | 80  | 5    | 1.8 | 11 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N1    | 2    | 5P | 80  | 5.6  | 2   | 13 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N2    | 2    | 5P | 80  | 5.6  | 2   | 13 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N3    | 2    | 5P | 80  | 5.6  | 2   | 13 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N1    | 2    | 5P | 80  | 5.6  | 2.1 | 13 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N2    | 2    | 5P | 80  | 5.6  | 2.1 | 13 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N3    | 2    | 5P | 80  | 5.6  | 2.1 | 13 | 3.0 | 2.5 | 5  |
| M3          | 0.50  | N2    | 2    | 5P | 80  | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 80  | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 80  | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 80  | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 80  | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 80  | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 100 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 100 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 100 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 100 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 100 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 100 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |



## Long Tip Taps

NZT-ZLH0 加长柄先端丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排削性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工,有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M8\*1.25 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | l  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M8          | 1.25  | N2    | 3    | 5P | 100 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 100 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 100 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N2    | 3    | 5P | 100 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N3    | 3    | 5P | 100 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N4    | 3    | 5P | 100 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 100 | 23 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 100 | 23 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 100 | 23 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 100 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 100 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 100 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N2    | 3    | 5P | 100 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N3    | 3    | 5P | 100 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N4    | 3    | 5P | 100 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N2    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N2    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 5P | 100 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 120 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 120 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 120 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N5    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N4    | 3    | 5P | 150 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 150 | 32 | -  | -  | 12.5 | 10.0 | 13 |

## Long Tip Taps

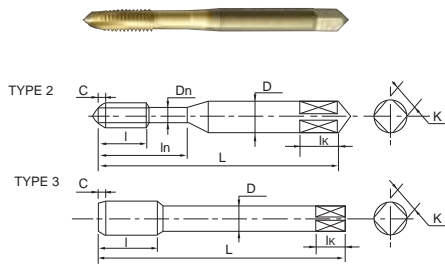
NZT-ZLH0 加长柄先端丝锥

Order demonstration : M16\*1.50 N3 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M16         | 1.50  | N3    | 3    | 5P | 150 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 5P | 150 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N5    | 3    | 5P | 150 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 150 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 150 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 150 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 3    | 5P | 150 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 3    | 5P | 150 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N5    | 3    | 5P | 150 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 150 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 150 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 150 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 5P | 150 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 5P | 150 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N5    | 3    | 5P | 150 | 37 | -  | -  | 15.0 | 12.0 | 15 |

## Middle long handled Tip Taps

NZT-ZLH1 中长柄先端槽丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排屑性能;

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工、有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料: 钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属;

Order demonstration : M3\*0.50 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|----|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 100 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 100 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 100 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 100 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 100 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 100 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 100 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 120 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 120 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 120 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 120 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 120 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M8          | 1.25  | N2    | 3    | 5P | 120 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 120 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 120 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | N2    | 3    | 5P | 150 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | N3    | 3    | 5P | 150 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.00  | N4    | 3    | 5P | 150 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 120 | 23   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 120 | 23   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 120 | 23   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 150 | 24   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 150 | 24   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 150 | 24   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | N2    | 3    | 5P | 150 | 24   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | N3    | 3    | 5P | 150 | 24   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.00  | N4    | 3    | 5P | 150 | 24   | -   | -  | 7.0 | 5.5 | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 120 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 120 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 120 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | N2    | 3    | 5P | 150 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 150 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 150 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 150 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 150 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 150 | 29   | -   | -  | 8.5 | 6.5 | 9  |

## Middle long handled Tip Taps

NZT-ZLH1 中长柄先端槽丝锥

Order demonstration : M12\*1.00 N2 NZT-XPM-ND

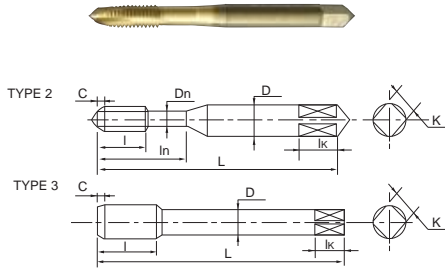
| Thread size | Pitch | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M12         | 1.00  | N2    | 3    | 5P | 150 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 5P | 150 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 5P | 150 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 150 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 5P | 200 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 5P | 200 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N5    | 3    | 5P | 200 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 200 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 5P | 200 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 200 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N3    | 3    | 5P | 200 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 5P | 200 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N5    | 3    | 5P | 200 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 200 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 200 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 200 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 3    | 5P | 200 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 3    | 5P | 200 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N5    | 3    | 5P | 200 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 200 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 200 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 200 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 5P | 200 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 5P | 200 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N5    | 3    | 5P | 200 | 37 | -  | -  | 15.0 | 12.0 | 15 |





## Super long handle Tip Taps

NZT-ZLH2 超长柄先端槽丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用，有良好的排屑性能；

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工、有效提高加工过程中的稳定性和加工效率；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : M3\*0.50 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | l    | Dn  | ln | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|----|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 120 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 120 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 120 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 120 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 120 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 120 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 150 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 150 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N4    | 2    | 5P | 150 | 12.8 | 4.1 | 23 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 150 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 150 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 150 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |

## Super long handle Tip Taps

NZT-ZLH2 超长柄先端槽丝锥

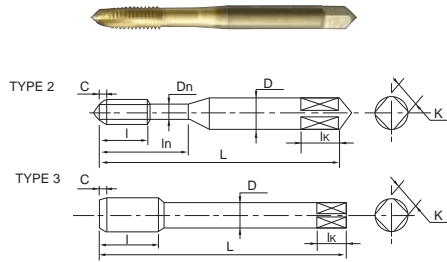
Order demonstration : M8\*1.25 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I  | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|----|----|----|------|------|----|
| M8          | 1.25  | N2    | 3    | 5P | 150 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 150 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 150 | 19 | -  | -  | 6.2  | 5.0  | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 150 | 23 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 150 | 23 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 150 | 23 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N2    | 3    | 5P | 200 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 200 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 200 | 24 | -  | -  | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 150 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 150 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 150 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N2    | 3    | 5P | 200 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 200 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 200 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N2    | 3    | 5P | 200 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 200 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 200 | 29 | -  | -  | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 200 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 200 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N5    | 3    | 5P | 200 | 30 | -  | -  | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 250 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 5P | 250 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N5    | 3    | 5P | 250 | 32 | -  | -  | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 250 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 250 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N5    | 3    | 5P | 250 | 37 | -  | -  | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 3    | 5P | 250 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 3    | 5P | 250 | 37 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N5    | 3    | 5P | 250 | 37 | -  | -  | 15.0 | 12.0 | 15 |



## Speciality Long handle Tip Taps

NZT-ZLH3 特长柄先端槽丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用，有良好的排屑性能；

Adopted of lengthened shank for different deep hole processing can effectively improve the stability and processing efficiency in the processing;  
采用加长柄适合不同的深孔加工，有效提高加工过程中的稳定性和加工效率；

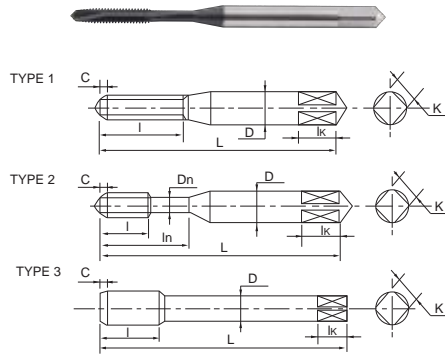
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工材料：钢、合金钢、不锈钢、铸铁、难加工材料、高硬度材料、有色金属；

Order demonstration : M3\*0.50 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | l    | Dn  | In | D   | k   | lk |
|-------------|-------|-------|------|----|-----|------|-----|----|-----|-----|----|
| M3          | 0.50  | N2    | 2    | 5P | 150 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N3    | 2    | 5P | 150 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M3          | 0.50  | N4    | 2    | 5P | 150 | 6.3  | 2.4 | 15 | 4.0 | 3.2 | 6  |
| M4          | 0.70  | N2    | 2    | 5P | 150 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 150 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N4    | 2    | 5P | 150 | 11.2 | 3.2 | 21 | 5.0 | 4.0 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 200 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 200 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N4    | 2    | 5P | 200 | 14   | 4.9 | 24 | 6.0 | 4.5 | 7  |
| M8          | 1.25  | N2    | 3    | 5P | 200 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N3    | 3    | 5P | 200 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 200 | 19   | -   | -  | 6.2 | 5.0 | 8  |
| M10         | 1.50  | N2    | 3    | 5P | 200 | 23   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 200 | 23   | -   | -  | 7.0 | 5.5 | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 200 | 23   | -   | -  | 7.0 | 5.5 | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 200 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 200 | 29   | -   | -  | 8.5 | 6.5 | 9  |
| M12         | 1.75  | N5    | 3    | 5P | 200 | 29   | -   | -  | 8.5 | 6.5 | 9  |

## Stainless Steel Tip Taps

NZT-ZSS 不锈钢用先端丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排屑性能;

The cutting edge and chip groove have been specially treated, and the surface is coated with special coatings, which can effectively improve the stability and processing efficiency in the process of machining;  
刃口和排屑槽经过特殊处理、表面采用特殊的涂层、有效提高加工过程中的稳定性和加工效率;

Suitable for processing different kinds of stainless steel materials: SUS410、SUS420、SUS430、SUS301、SUS303、SUS304、SUS316、SUS317;  
适合加工各类不锈钢材料: SUS410、SUS420、SUS430、SUS301、SUS303、SUS304、SUS316、SUS317;

Order demonstration : M1.0\*0.25 N1 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L  | I    | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|----|----|------|-----|------|-----|-----|----|
| M1.0        | 0.25  | N1    | 1    | 5P | 30 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N2    | 1    | 5P | 30 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N1    | 1    | 5P | 32 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N2    | 1    | 5P | 32 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N1    | 1    | 5P | 36 | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N2    | 1    | 5P | 36 | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N1    | 1    | 5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N2    | 1    | 5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N1    | 1    | 5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N2    | 1    | 5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N1    | 1    | 5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N2    | 1    | 5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N1    | 2    | 5P | 42 | 5    | 1.5 | 11.0 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N2    | 2    | 5P | 42 | 5    | 1.5 | 11.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N1    | 2    | 5P | 42 | 5.6  | 1.8 | 11.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N2    | 2    | 5P | 42 | 5.6  | 1.8 | 11.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N1    | 2    | 5P | 46 | 5.6  | 2.0 | 13.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N2    | 2    | 5P | 46 | 5.6  | 2.0 | 13.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N1    | 2    | 5P | 46 | 5.6  | 2.1 | 13.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N2    | 2    | 5P | 46 | 5.6  | 2.1 | 13.0 | 3.0 | 2.5 | 5  |
| M3.0        | 0.50  | N2    | 2    | 5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.0        | 0.50  | N3    | 2    | 5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.0        | 0.35  | N2    | 2    | 5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.0        | 0.35  | N3    | 2    | 5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N2    | 2    | 5P | 52 | 9.6  | 2.8 | 20.0 | 5.0 | 4.0 | 7  |
| M3.5        | 0.60  | N3    | 2    | 5P | 52 | 9.6  | 2.8 | 20.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N2    | 2    | 5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | N2    | 2    | 5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | N3    | 2    | 5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.50  | N2    | 2    | 5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.50  | N3    | 2    | 5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 5P | 62 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 5P | 62 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |



## Stainless Steel Tip Taps

NZT-ZSS 不锈钢用先端丝锥

Order demonstration : M6\*0.75 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn  | In   | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|-----|------|------|------|----|
| M6          | 0.75  | N2    | 2    | 5P | 62  | 14.0 | 4.9 | 24.0 | 6.0  | 4.5  | 7  |
| M6          | 0.75  | N3    | 2    | 5P | 62  | 14.0 | 4.9 | 24.0 | 6.0  | 4.5  | 7  |
| M8          | 1.25  | N3    | 3    | 5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N3    | 3    | 5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N4    | 3    | 5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N3    | 3    | 5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N4    | 3    | 5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M10         | 1.50  | N3    | 3    | 5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N3    | 3    | 5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N4    | 3    | 5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N3    | 3    | 5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N4    | 3    | 5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N3    | 3    | 5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 2    | 5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 2    | 5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |

## Stainless Steel Tip Taps

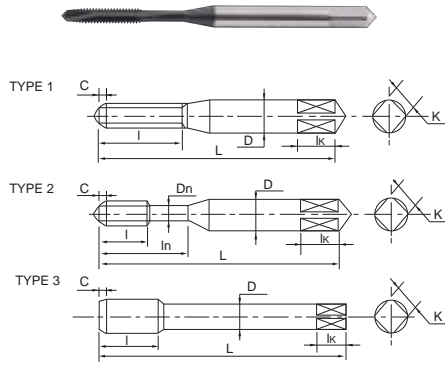
NZT-ZSS 不锈钢用先端丝锥

Order demonstration : M3\*0.50 N2 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|----|----|------|------|----|
| M20         | 2.50  | N3    | 2    | 5P | 105 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 2    | 5P | 105 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 5P | 105 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 5P | 105 | 37.0 | -  | -  | 15.0 | 12.0 | 15 |

## Stainless Steel Spiral Taps

NX-ZSS 不锈钢用螺旋丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole using, with spiral cutting, it has good cutting performance;  
适合通孔和盲孔用,有良好的排屑性能;

The cutting edge and chip groove have been specially treated, and the surface is coated with special coatings, which can effectively improve the stability and processing efficiency in the process of machining;  
刃口和排屑槽经过特殊处理、表面采用特殊的涂层、有效提高加工过程中的稳定性和加工效率;

Suitable for processing different kinds of stainless steel materials: SUS410、SUS420、SUS430、SUS301、SUS303、SUS304、SUS316、SUS317;  
适合加工各类不锈钢材料: SUS410、SUS420、SUS430、SUS301、SUS303、SUS304、SUS316、SUS317;

Order demonstration : M1.0\*0.25 N1 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L  | I    | Dn  | In   | D   | k   | lk |
|-------------|-------|-------|------|------|----|------|-----|------|-----|-----|----|
| M1.0        | 0.25  | N1    | 1    | 2.5P | 30 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.0        | 0.25  | N2    | 1    | 2.5P | 30 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N1    | 1    | 2.5P | 32 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.2        | 0.25  | N2    | 1    | 2.5P | 32 | 5    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N1    | 1    | 2.5P | 36 | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.4        | 0.30  | N2    | 1    | 2.5P | 36 | 7    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N1    | 1    | 2.5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.6        | 0.35  | N2    | 1    | 2.5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N1    | 1    | 2.5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.7        | 0.35  | N2    | 1    | 2.5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N1    | 1    | 2.5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M1.8        | 0.35  | N2    | 1    | 2.5P | 36 | 8    | -   | -    | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N1    | 2    | 2.5P | 42 | 5    | 1.5 | 11.0 | 3.0 | 2.5 | 5  |
| M2.0        | 0.40  | N2    | 2    | 2.5P | 42 | 5    | 1.5 | 11.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N1    | 2    | 2.5P | 42 | 5.6  | 1.8 | 11.0 | 3.0 | 2.5 | 5  |
| M2.3        | 0.40  | N2    | 2    | 2.5P | 42 | 5.6  | 1.8 | 11.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N1    | 2    | 2.5P | 46 | 5.6  | 2.0 | 13.0 | 3.0 | 2.5 | 5  |
| M2.5        | 0.45  | N2    | 2    | 2.5P | 46 | 5.6  | 2.0 | 13.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N1    | 2    | 2.5P | 46 | 5.6  | 2.1 | 13.0 | 3.0 | 2.5 | 5  |
| M2.6        | 0.45  | N2    | 2    | 2.5P | 46 | 5.6  | 2.1 | 13.0 | 3.0 | 2.5 | 5  |
| M3.0        | 0.50  | N2    | 2    | 2.5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.0        | 0.50  | N3    | 2    | 2.5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.0        | 0.35  | N2    | 2    | 2.5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.0        | 0.35  | N3    | 2    | 2.5P | 46 | 6.3  | 2.4 | 15.0 | 4.0 | 3.2 | 6  |
| M3.5        | 0.60  | N2    | 2    | 2.5P | 52 | 9.6  | 2.8 | 20.0 | 5.0 | 4.0 | 7  |
| M3.5        | 0.60  | N3    | 2    | 2.5P | 52 | 9.6  | 2.8 | 20.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N2    | 2    | 2.5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.70  | N3    | 2    | 2.5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | N2    | 2    | 2.5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M4          | 0.50  | N3    | 2    | 2.5P | 52 | 11.2 | 3.2 | 21.0 | 5.0 | 4.0 | 7  |
| M5          | 0.80  | N2    | 2    | 2.5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.80  | N3    | 2    | 2.5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.50  | N2    | 2    | 2.5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M5          | 0.50  | N3    | 2    | 2.5P | 60 | 12.8 | 4.1 | 23.0 | 5.5 | 4.5 | 7  |
| M6          | 1.00  | N2    | 2    | 2.5P | 62 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |
| M6          | 1.00  | N3    | 2    | 2.5P | 62 | 14.0 | 4.9 | 24.0 | 6.0 | 4.5 | 7  |

## Stainless Steel Spiral Taps

NX-ZSS 不锈钢用螺旋丝锥

Order demonstration : M6\*0.75 N2 NX-XPM-ND

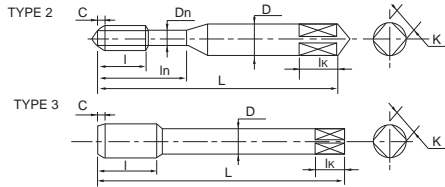
| Thread size | Pitch | Limit | Type | C    | L   | I    | Dn  | In   | D    | k    | lk |
|-------------|-------|-------|------|------|-----|------|-----|------|------|------|----|
| M6          | 0.75  | N2    | 2    | 2.5P | 62  | 14.0 | 4.9 | 24.0 | 6.0  | 4.5  | 7  |
| M6          | 0.75  | N3    | 2    | 2.5P | 62  | 14.0 | 4.9 | 24.0 | 6.0  | 4.5  | 7  |
| M8          | 1.25  | N3    | 3    | 2.5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N4    | 3    | 2.5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N3    | 3    | 2.5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 1.00  | N4    | 3    | 2.5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N3    | 3    | 2.5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M8          | 0.75  | N4    | 3    | 2.5P | 70  | 19.0 | -   | -    | 6.2  | 5.0  | 8  |
| M10         | 1.50  | N3    | 3    | 2.5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N4    | 3    | 2.5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N3    | 3    | 2.5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.25  | N4    | 3    | 2.5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N3    | 3    | 2.5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M10         | 1.00  | N4    | 3    | 2.5P | 75  | 24.0 | -   | -    | 7.0  | 5.5  | 8  |
| M12         | 1.75  | N3    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N4    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N3    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.50  | N4    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N3    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.25  | N4    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N3    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M12         | 1.00  | N4    | 3    | 2.5P | 82  | 29.0 | -   | -    | 8.5  | 6.5  | 9  |
| M14         | 2.00  | N3    | 3    | 2.5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N4    | 3    | 2.5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N3    | 3    | 2.5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.50  | N4    | 3    | 2.5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N3    | 3    | 2.5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M14         | 1.00  | N4    | 3    | 2.5P | 88  | 30.0 | -   | -    | 10.5 | 8.0  | 11 |
| M16         | 2.00  | N3    | 3    | 2.5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N4    | 3    | 2.5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N3    | 3    | 2.5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M16         | 1.50  | N4    | 3    | 2.5P | 95  | 32.0 | -   | -    | 12.5 | 10.0 | 13 |
| M18         | 2.50  | N3    | 3    | 2.5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N4    | 3    | 2.5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N3    | 2    | 2.5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M18         | 1.50  | N4    | 2    | 2.5P | 100 | 37.0 | -   | -    | 14.0 | 11.0 | 14 |
| M20         | 2.50  | N3    | 2    | 2.5P | 105 | 37.0 | -   | -    | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N4    | 2    | 2.5P | 105 | 37.0 | -   | -    | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N3    | 3    | 2.5P | 105 | 37.0 | -   | -    | 15.0 | 12.0 | 15 |
| M20         | 1.50  | N4    | 3    | 2.5P | 105 | 37.0 | -   | -    | 15.0 | 12.0 | 15 |





## Threaded Sleeve Tip Taps

NZT-ZLT 螺套先端丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

The cutting edge and chip groove have been specially treated, have good cutting performance;  
刃口和排屑槽经过特殊处理、有良好的排屑性能;

Fully grinding high precision threads, and the surface is coated with special coatings, which can effectively improve the stability and processing efficiency in the process of machining;  
全磨制高精度螺纹、表面采用特殊的涂层、有效提高加工过程中的稳定性和加工效率;

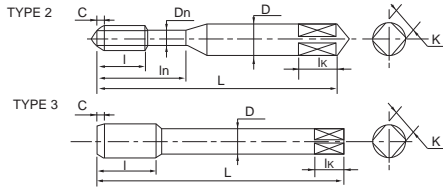
Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工各类材料: 钢、不锈钢、铸铁、有色金属、难加工材料、高硬度材料;

Order demonstration : M2.6\*0.45 N1 NZT-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In   | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|----|------|------|------|----|
| M2.6        | 0.45  | N1    | 2    | 5P | 52  | 6.8  | -  | 16.0 | 5.0  | 4.0  | 7  |
| M3          | 0.50  | N1    | 2    | 5P | 52  | 7.5  | -  | 17.0 | 5.0  | 4.0  | 7  |
| M4          | 0.70  | N1    | 2    | 5P | 60  | 12.0 | -  | 22.0 | 0.5  | 4.5  | 7  |
| M5          | 0.80  | N1    | 2    | 5P | 62  | 15.0 | -  | 26.0 | 6.0  | 4.5  | 7  |
| M6          | 1.00  | N1    | 2    | 5P | 70  | 19.0 | -  | -    | 6.2  | 5.0  | 8  |
| M8          | 1.25  | N1    | 3    | 5P | 75  | 23.0 | -  | -    | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N1    | 3    | 5P | 82  | 26.0 | -  | -    | 8.5  | 6.5  | 9  |
| M10         | 1.25  | N1    | 3    | 5P | 82  | 26.0 | -  | -    | 8.5  | 6.5  | 9  |
| M10         | 1.00  | N1    | 3    | 5P | 82  | 26.0 | -  | -    | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N1    | 3    | 5P | 95  | 26.0 | -  | -    | 12.5 | 10.0 | 13 |
| M12         | 1.50  | N1    | 3    | 5P | 88  | 26.0 | -  | -    | 10.5 | 8.0  | 11 |
| M12         | 1.25  | N1    | 3    | 5P | 88  | 26.0 | -  | -    | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N1    | 3    | 5P | 100 | 33.0 | -  | -    | 14.0 | 11.0 | 14 |
| M14         | 1.50  | N1    | 3    | 5P | 95  | 26.0 | -  | -    | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N1    | 3    | 5P | 105 | 33.0 | -  | -    | 15.0 | 12.0 | 15 |
| M16         | 1.50  | N1    | 3    | 5P | 100 | 33.0 | -  | -    | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N1    | 3    | 5P | 115 | 33.0 | -  | -    | 17.0 | 13.0 | 16 |
| M18         | 1.50  | N1    | 3    | 5P | 105 | 33.0 | -  | -    | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N1    | 3    | 5P | 120 | 39.0 | -  | -    | 19.0 | 15.0 | 18 |
| M20         | 1.50  | N1    | 3    | 5P | 115 | 33.0 | -  | -    | 17.0 | 13.0 | 16 |
| M22         | 2.50  | N1    | 3    | 5P | 125 | 39.0 | -  | -    | 19.0 | 15.0 | 18 |
| M22         | 1.50  | N1    | 3    | 5P | 120 | 39.0 | -  | -    | 19.0 | 15.0 | 18 |
| M24         | 3.00  | N1    | 3    | 5P | 135 | 16.0 | -  | -    | 23.0 | 17.0 | 20 |
| M24         | 1.50  | N1    | 3    | 5P | 130 | 39.0 | -  | -    | 20.0 | 15.0 | 18 |

## Threaded Sleeve Spiral Taps

NX-ZLT 螺套螺旋丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

The cutting edge and chip groove have been specially treated, have good cutting performance;

刃口和排屑槽经过特殊处理，有良好的排屑性能；

Fully grinding high precision threads, and the surface is coated with special coatings, which can effectively improve the stability and processing efficiency in the process of machining;

全磨制高精度螺纹、表面采用特殊的涂层、有效提高加工过程中的稳定性和加工效率；

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;

适合加工各类材料：钢、不锈钢、铸铁、有色金属、难加工材料、高硬度材料；

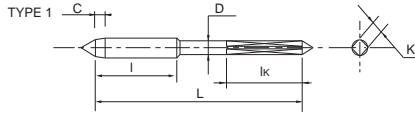
Order demonstration : M2.6\*0.45 N1 NX-XPM-ND

| Thread size | Pitch | Limit | Type | C  | L   | I    | Dn | In   | D    | k    | lk |
|-------------|-------|-------|------|----|-----|------|----|------|------|------|----|
| M2.6        | 0.45  | N1    | 2    | 5P | 52  | 6.8  | -  | 16.0 | 5.0  | 4.0  | 7  |
| M3          | 0.50  | N1    | 2    | 5P | 52  | 7.5  | -  | 17.0 | 5.0  | 4.0  | 7  |
| M4          | 0.70  | N1    | 2    | 5P | 60  | 12.0 | -  | 22.0 | 0.5  | 4.5  | 7  |
| M5          | 0.80  | N1    | 2    | 5P | 62  | 15.0 | -  | 26.0 | 6.0  | 4.5  | 7  |
| M6          | 1.00  | N1    | 2    | 5P | 70  | 19.0 | -  | -    | 6.2  | 5%   | 8  |
| M8          | 1.25  | N1    | 3    | 5P | 75  | 23.0 | -  | -    | 7.0  | 5.5  | 8  |
| M10         | 1.50  | N1    | 3    | 5P | 82  | 26.0 | -  | -    | 8.5  | 6.5  | 9  |
| M10         | 1.25  | N1    | 3    | 5P | 82  | 26.0 | -  | -    | 8.5  | 6.5  | 9  |
| M10         | 1.00  | N1    | 3    | 5P | 82  | 26.0 | -  | -    | 8.5  | 6.5  | 9  |
| M12         | 1.75  | N1    | 3    | 5P | 95  | 26.0 | -  | -    | 12.5 | 10.0 | 13 |
| M12         | 1.50  | N1    | 3    | 5P | 88  | 26.0 | -  | -    | 10.5 | 8.0  | 11 |
| M12         | 1.25  | N1    | 3    | 5P | 88  | 26.0 | -  | -    | 10.5 | 8.0  | 11 |
| M14         | 2.00  | N1    | 3    | 5P | 100 | 33.0 | -  | -    | 14.0 | 11.0 | 14 |
| M14         | 1.50  | N1    | 3    | 5P | 95  | 26.0 | -  | -    | 12.5 | 10.0 | 13 |
| M16         | 2.00  | N1    | 3    | 5P | 105 | 33.0 | -  | -    | 15.0 | 12.0 | 15 |
| M16         | 1.50  | N1    | 3    | 5P | 100 | 33.0 | -  | -    | 14.0 | 11.0 | 14 |
| M18         | 2.50  | N1    | 3    | 5P | 115 | 33.0 | -  | -    | 17.0 | 13.0 | 16 |
| M18         | 1.50  | N1    | 3    | 5P | 105 | 33.0 | -  | -    | 15.0 | 12.0 | 15 |
| M20         | 2.50  | N1    | 3    | 5P | 120 | 39.0 | -  | -    | 19.0 | 15.0 | 18 |
| M20         | 1.50  | N1    | 3    | 5P | 115 | 33.0 | -  | -    | 17.0 | 13.0 | 16 |
| M22         | 2.50  | N1    | 3    | 5P | 125 | 39.0 | -  | -    | 19.0 | 15.0 | 18 |
| M22         | 1.50  | N1    | 3    | 5P | 120 | 39.0 | -  | -    | 19.0 | 15.0 | 18 |
| M24         | 3.00  | N1    | 3    | 5P | 135 | 16.0 | -  | -    | 23.0 | 17.0 | 20 |
| M24         | 1.50  | N1    | 3    | 5P | 130 | 39.0 | -  | -    | 20.0 | 15.0 | 18 |



## Nut Taps

RN 螺母丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

The cutting edge and chip groove have been specially treated, have good cutting performance;  
刃口和排屑槽经过特殊处理、有良好的排屑性能;

Fully grinding high precision threads, and the surface is coated with special coatings, which can effectively improve the stability and processing efficiency in the process of machining;  
全磨制高精度螺纹、表面采用特殊的涂层、有效提高加工过程中的稳定性和加工效率;

Suitable for processing materials: steel, alloy steel, stainless steel, cast iron, refractory materials, high hardness materials, non-ferrous metals;  
适合加工各类材料：钢、不锈钢、铸铁、有色金属、难加工材料、高硬度材料;

Order demonstration : M2.6\*0.45 N1 RN-XPM-ND

| Thread size | Pitch | Limit | Type | C | L  | l    | Dn | In | D    | k | lk |
|-------------|-------|-------|------|---|----|------|----|----|------|---|----|
| M2.6        | 0.45  | N1    | 1    | - | 55 | 11.3 | -  | -  | 2.0  | - | -  |
| M2.6        | 0.45  | N2    | 1    | - | 55 | 11.3 | -  | -  | 2.0  | - | -  |
| M2.6        | 0.45  | N3    | 1    | - | 55 | 11.3 | -  | -  | 2.0  | - | -  |
| M3          | 0.50  | N2    | 1    | - | 58 | 12.5 | -  | -  | 2.3  | - | -  |
| M3          | 0.50  | N3    | 1    | - | 58 | 12.5 | -  | -  | 2.3  | - | -  |
| M3          | 0.50  | N4    | 1    | - | 58 | 12.5 | -  | -  | 2.3  | - | -  |
| M4          | 0.70  | N2    | 1    | - | 58 | 17.5 | -  | -  | 3.0  | - | -  |
| M4          | 0.70  | N3    | 1    | - | 58 | 17.5 | -  | -  | 3.0  | - | -  |
| M4          | 0.70  | N4    | 1    | - | 58 | 17.5 | -  | -  | 3.0  | - | -  |
| M5          | 0.80  | N2    | 1    | - | 63 | 20.0 | -  | -  | 3.8  | - | -  |
| M5          | 0.80  | N3    | 1    | - | 63 | 20.0 | -  | -  | 3.8  | - | -  |
| M5          | 0.80  | N4    | 1    | - | 63 | 20.0 | -  | -  | 3.8  | - | -  |
| M5          | 0.80  | N5    | 1    | - | 63 | 20.0 | -  | -  | 3.8  | - | -  |
| M6          | 1.00  | N2    | 1    | - | 67 | 25.0 | -  | -  | 4.5  | - | -  |
| M6          | 1.00  | N3    | 1    | - | 67 | 25.0 | -  | -  | 4.5  | - | -  |
| M6          | 1.00  | N4    | 1    | - | 67 | 25.0 | -  | -  | 4.5  | - | -  |
| M6          | 1.00  | N5    | 1    | - | 67 | 25.0 | -  | -  | 4.5  | - | -  |
| M7          | 1.00  | N2    | 1    | - | 70 | 25.0 | -  | -  | 5.6  | - | -  |
| M7          | 1.00  | N3    | 1    | - | 70 | 25.0 | -  | -  | 5.6  | - | -  |
| M7          | 1.00  | N4    | 1    | - | 70 | 25.0 | -  | -  | 5.6  | - | -  |
| M7          | 1.00  | N5    | 1    | - | 70 | 25.0 | -  | -  | 5.6  | - | -  |
| M8          | 1.25  | N2    | 1    | - | 77 | 31.3 | -  | -  | 6.05 | - | -  |
| M8          | 1.25  | N3    | 1    | - | 77 | 31.3 | -  | -  | 6.05 | - | -  |
| M8          | 1.25  | N4    | 1    | - | 77 | 31.3 | -  | -  | 6.05 | - | -  |
| M8          | 1.25  | N5    | 1    | - | 77 | 31.3 | -  | -  | 6.05 | - | -  |
| M10         | 1.50  | N2    | 1    | - | 89 | 37.5 | -  | -  | 7.8  | - | -  |
| M10         | 1.50  | N3    | 1    | - | 89 | 37.5 | -  | -  | 7.8  | - | -  |
| M10         | 1.50  | N4    | 1    | - | 89 | 37.5 | -  | -  | 7.8  | - | -  |
| M10         | 1.50  | N5    | 1    | - | 89 | 37.5 | -  | -  | 7.8  | - | -  |
| M10         | 1.25  | N2    | 1    | - | 89 | 31.3 | -  | -  | 8.1  | - | -  |
| M10         | 1.25  | N3    | 1    | - | 89 | 31.3 | -  | -  | 8.1  | - | -  |
| M10         | 1.25  | N4    | 1    | - | 89 | 31.3 | -  | -  | 8.1  | - | -  |
| M10         | 1.25  | N5    | 1    | - | 89 | 31.3 | -  | -  | 8.1  | - | -  |
| M10         | 1.00  | N2    | 1    | - | 89 | 25.0 | -  | -  | 8.4  | - | -  |
| M10         | 1.00  | N3    | 1    | - | 89 | 25.0 | -  | -  | 8.4  | - | -  |
| M10         | 1.00  | N4    | 1    | - | 89 | 25.0 | -  | -  | 8.4  | - | -  |

## Nut Taps

RN 螺母丝锥

Order demonstration : M10\*1.00 N5 RN-XPM-ND

| Thread size | Pitch | Limit | Type | C | L   | I    | Dn | In | D    | k | lk |
|-------------|-------|-------|------|---|-----|------|----|----|------|---|----|
| M10         | 1.00  | N5    | 1    | - | 89  | 25.0 | -  | -  | 8.4  | - | -  |
| M12         | 1.75  | N3    | 1    | - | 102 | 43.8 | -  | -  | 9.5  | - | -  |
| M12         | 1.75  | N4    | 1    | - | 102 | 43.8 | -  | -  | 9.5  | - | -  |
| M12         | 1.75  | N5    | 1    | - | 102 | 43.8 | -  | -  | 9.5  | - | -  |
| M12         | 1.75  | N6    | 1    | - | 102 | 43.8 | -  | -  | 9.5  | - | -  |
| M12         | 1.50  | N3    | 1    | - | 102 | 37.5 | -  | -  | 9.8  | - | -  |
| M12         | 1.50  | N4    | 1    | - | 102 | 37.5 | -  | -  | 9.8  | - | -  |
| M12         | 1.50  | N5    | 1    | - | 102 | 37.5 | -  | -  | 9.8  | - | -  |
| M12         | 1.50  | N6    | 1    | - | 102 | 37.5 | -  | -  | 9.8  | - | -  |
| M12         | 1.25  | N3    | 1    | - | 102 | 31.3 | -  | -  | 10.1 | - | -  |
| M12         | 1.25  | N4    | 1    | - | 102 | 31.3 | -  | -  | 10.1 | - | -  |
| M12         | 1.25  | N5    | 1    | - | 102 | 31.3 | -  | -  | 10.1 | - | -  |
| M12         | 1.25  | N6    | 1    | - | 102 | 31.3 | -  | -  | 10.1 | - | -  |
| M12         | 1.00  | N2    | 1    | - | 102 | 25.0 | -  | -  | 10.5 | - | -  |
| M12         | 1.00  | N3    | 1    | - | 102 | 25.0 | -  | -  | 10.5 | - | -  |
| M12         | 1.00  | N4    | 1    | - | 102 | 25.0 | -  | -  | 10.5 | - | -  |
| M12         | 1.00  | N5    | 1    | - | 102 | 25.0 | -  | -  | 10.5 | - | -  |
| M14         | 2.00  | N3    | 1    | - | 114 | 50.0 | -  | -  | 11.2 | - | -  |
| M14         | 2.00  | N4    | 1    | - | 114 | 50.0 | -  | -  | 11.2 | - | -  |
| M14         | 2.00  | N5    | 1    | - | 114 | 50.0 | -  | -  | 11.2 | - | -  |
| M14         | 2.00  | N6    | 1    | - | 114 | 50.0 | -  | -  | 11.2 | - | -  |
| M14         | 2.00  | N7    | 1    | - | 114 | 50.0 | -  | -  | 11.2 | - | -  |
| M14         | 1.50  | N3    | 1    | - | 114 | 37.5 | -  | -  | 11.2 | - | -  |
| M14         | 1.50  | N4    | 1    | - | 114 | 37.5 | -  | -  | 11.2 | - | -  |
| M14         | 1.50  | N5    | 1    | - | 114 | 37.5 | -  | -  | 11.2 | - | -  |
| M14         | 1.50  | N6    | 1    | - | 114 | 37.5 | -  | -  | 11.2 | - | -  |
| M16         | 2.00  | N3    | 1    | - | 127 | 50.0 | -  | -  | 13.1 | - | -  |
| M16         | 2.00  | N4    | 1    | - | 127 | 50.0 | -  | -  | 13.1 | - | -  |
| M16         | 2.00  | N5    | 1    | - | 127 | 50.0 | -  | -  | 13.1 | - | -  |
| M16         | 2.00  | N6    | 1    | - | 127 | 50.0 | -  | -  | 13.1 | - | -  |
| M16         | 2.00  | N7    | 1    | - | 127 | 50.0 | -  | -  | 13.1 | - | -  |
| M16         | 1.50  | N3    | 1    | - | 127 | 37.5 | -  | -  | 13.1 | - | -  |
| M16         | 1.50  | N4    | 1    | - | 127 | 37.5 | -  | -  | 13.1 | - | -  |
| M16         | 1.50  | N5    | 1    | - | 127 | 37.5 | -  | -  | 13.1 | - | -  |
| M16         | 1.50  | N6    | 1    | - | 127 | 37.5 | -  | -  | 13.1 | - | -  |
| M18         | 2.50  | N4    | 1    | - | 133 | 62.5 | -  | -  | 14.0 | - | -  |
| M18         | 2.50  | N5    | 1    | - | 133 | 62.5 | -  | -  | 14.0 | - | -  |
| M18         | 2.50  | N6    | 1    | - | 133 | 62.5 | -  | -  | 14.0 | - | -  |
| M18         | 2.50  | N7    | 1    | - | 133 | 62.5 | -  | -  | 14.0 | - | -  |
| M18         | 2.00  | N8    | 1    | - | 133 | 50.0 | -  | -  | 15.0 | - | -  |
| M18         | 2.00  | N3    | 1    | - | 133 | 50.0 | -  | -  | 15.0 | - | -  |
| M18         | 2.00  | N4    | 1    | - | 133 | 50.0 | -  | -  | 15.0 | - | -  |
| M18         | 2.00  | N5    | 1    | - | 133 | 50.0 | -  | -  | 15.0 | - | -  |
| M18         | 2.00  | N6    | 1    | - | 133 | 50.0 | -  | -  | 15.0 | - | -  |
| M18         | 2.00  | N7    | 1    | - | 133 | 50.0 | -  | -  | 15.0 | - | -  |
| M20         | 2.50  | N4    | 1    | - | 133 | 62.5 | -  | -  | 16.5 | - | -  |
| M20         | 2.50  | N5    | 1    | - | 133 | 62.5 | -  | -  | 16.5 | - | -  |
| M20         | 2.50  | N6    | 1    | - | 133 | 62.5 | -  | -  | 16.5 | - | -  |
| M20         | 2.50  | N7    | 1    | - | 133 | 62.5 | -  | -  | 16.5 | - | -  |
| M20         | 2.00  | N8    | 1    | - | 133 | 50.0 | -  | -  | 16.5 | - | -  |
| M20         | 2.00  | N3    | 1    | - | 133 | 50.0 | -  | -  | 16.5 | - | -  |



## Nut Taps

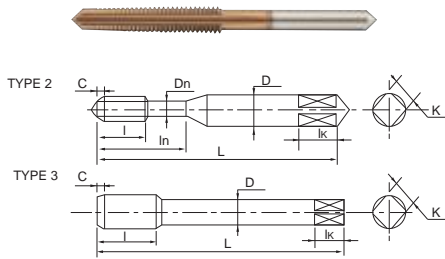
RN 螺母丝锥

Order demonstration : M20\*2.00 N4 RN-XPM-ND

| Thread size | Pitch | Limit | Type | C | L   | I    | Dn | In | D    | k | Ik |
|-------------|-------|-------|------|---|-----|------|----|----|------|---|----|
| M20         | 2.00  | N4    | 1    | - | 133 | 50.0 | -  | -  | 16.5 | - | -  |
| M20         | 2.00  | N5    | 1    | - | 133 | 50.0 | -  | -  | 16.5 | - | -  |
| M20         | 2.00  | N6    | 1    | - | 133 | 50.0 | -  | -  | 16.5 | - | -  |
| M20         | 2.00  | N7    | 1    | - | 133 | 50.0 | -  | -  | 16.5 | - | -  |
| M20         | 1.50  | N3    | 1    | - | 133 | 37.5 | -  | -  | 16.5 | - | -  |
| M20         | 1.50  | N4    | 1    | - | 133 | 37.5 | -  | -  | 16.5 | - | -  |
| M20         | 1.50  | N5    | 1    | - | 133 | 37.5 | -  | -  | 16.5 | - | -  |
| M20         | 1.50  | N6    | 1    | - | 133 | 37.5 | -  | -  | 16.5 | - | -  |
| M20         | 1.50  | N7    | 1    | - | 133 | 37.5 | -  | -  | 16.5 | - | -  |
| M22         | 2.50  | N4    | 1    | - | 146 | 62.5 | -  | -  | 17.5 | - | -  |
| M22         | 2.50  | N5    | 1    | - | 146 | 62.5 | -  | -  | 17.5 | - | -  |
| M22         | 2.50  | N6    | 1    | - | 146 | 62.5 | -  | -  | 17.5 | - | -  |
| M22         | 2.50  | N7    | 1    | - | 146 | 62.5 | -  | -  | 17.5 | - | -  |
| M22         | 2.50  | N8    | 1    | - | 146 | 62.5 | -  | -  | 17.5 | - | -  |
| M22         | 2.00  | N3    | 1    | - | 146 | 50.0 | -  | -  | 19.0 | - | -  |
| M22         | 2.00  | N4    | 1    | - | 146 | 50.0 | -  | -  | 19.0 | - | -  |
| M22         | 2.00  | N5    | 1    | - | 146 | 50.0 | -  | -  | 19.0 | - | -  |
| M22         | 2.00  | N6    | 1    | - | 146 | 50.0 | -  | -  | 19.0 | - | -  |
| M22         | 2.00  | N7    | 1    | - | 146 | 50.0 | -  | -  | 19.0 | - | -  |
| M24         | 3.00  | N4    | 1    | - | 165 | 75.0 | -  | -  | 18.5 | - | -  |
| M24         | 3.00  | N5    | 1    | - | 165 | 75.0 | -  | -  | 18.5 | - | -  |
| M24         | 3.00  | N6    | 1    | - | 165 | 75.0 | -  | -  | 18.5 | - | -  |
| M24         | 3.00  | N7    | 1    | - | 165 | 75.0 | -  | -  | 18.5 | - | -  |
| M24         | 3.00  | N8    | 1    | - | 165 | 75.0 | -  | -  | 18.5 | - | -  |
| M24         | 2.00  | N3    | 1    | - | 165 | 50.0 | -  | -  | 20.0 | - | -  |
| M24         | 2.00  | N4    | 1    | - | 165 | 50.0 | -  | -  | 20.0 | - | -  |
| M24         | 2.00  | N5    | 1    | - | 165 | 50.0 | -  | -  | 20.0 | - | -  |
| M24         | 2.00  | N6    | 1    | - | 165 | 50.0 | -  | -  | 20.0 | - | -  |
| M24         | 2.00  | N7    | 1    | - | 165 | 50.0 | -  | -  | 20.0 | - | -  |
| M24         | 1.50  | N3    | 1    | - | 165 | 37.5 | -  | -  | 21.5 | - | -  |
| M24         | 1.50  | N4    | 1    | - | 165 | 37.5 | -  | -  | 21.5 | - | -  |
| M24         | 1.50  | N5    | 1    | - | 165 | 37.5 | -  | -  | 21.5 | - | -  |
| M24         | 1.50  | N6    | 1    | - | 165 | 37.5 | -  | -  | 21.5 | - | -  |
| M24         | 1.50  | N7    | 1    | - | 165 | 37.5 | -  | -  | 21.5 | - | -  |

## High Hardness SteelTaps

NV 高硬度钢用丝锥



### Material

NC XPM HSSN

### Surface Treatment

NN NT NC ND NR

Suitable for through hole and blind hole, with straight groove cutting and good cutting performance;  
适合通孔和盲孔用, 采用直槽排削、有良好的排削性能;

Adopted special material, special coating surface treatment, have excellent performance in the processing process;  
采用特殊材料、特殊涂层表面处理、在加工过程有极好的性能;

Suitable for for processing high hardness materials: hardened steel, tool steel, SKT11, SKD61. Hardness of Machinable materials HRC55-63HRC;  
适合加工高硬度材料: 淬火钢、工具钢、SKT11、SKD61, 能加工材料硬度 HRC55-63HRC;

Order demonstration : M3\*0.50 N1 NV-XPM-ND

| Thread size | Pitch | Limit | Type | C    | L  | I    | Dn  | In   | D   | k   | lk  |
|-------------|-------|-------|------|------|----|------|-----|------|-----|-----|-----|
| M3          | 0.50  | N1    | 2    | 2.5P | 46 | 8.0  | 2.4 | 16.0 | 4.0 | 3.2 | 6.0 |
| M3          | 0.50  | N2    | 2    | 2.5P | 46 | 8.0  | 2.4 | 16.0 | 4.0 | 3.2 | 6.0 |
| M3          | 0.50  | N3    | 2    | 2.5P | 46 | 8.0  | 2.4 | 16.0 | 4.0 | 3.2 | 6.0 |
| M4          | 0.70  | N2    | 2    | 2.5P | 52 | 9.0  | 3.2 | 19.0 | 5.0 | 4.0 | 7.0 |
| M4          | 0.70  | N3    | 2    | 2.5P | 52 | 9.0  | 3.2 | 19.0 | 5.0 | 4.0 | 7.0 |
| M4          | 0.70  | N4    | 2    | 2.5P | 52 | 9.0  | 3.2 | 19.0 | 5.0 | 4.0 | 7.0 |
| M5          | 0.80  | N2    | 2    | 2.5P | 60 | 10.0 | 4.1 | 20.0 | 5.5 | 4.5 | 7.0 |
| M5          | 0.80  | N3    | 2    | 2.5P | 60 | 10.0 | 4.1 | 20.0 | 5.5 | 4.5 | 7.0 |
| M5          | 0.80  | N4    | 2    | 2.5P | 60 | 10.0 | 4.1 | 20.0 | 5.5 | 4.5 | 7.0 |
| M6          | 1.00  | N2    | 2    | 2.5P | 62 | 12.0 | 4.9 | 22.0 | 6.0 | 4.5 | 7.0 |
| M6          | 1.00  | N3    | 2    | 2.5P | 62 | 12.0 | 4.9 | 22.0 | 6.0 | 4.5 | 7.0 |
| M6          | 1.00  | N4    | 2    | 2.5P | 62 | 12.0 | 4.9 | 22.0 | 6.0 | 4.5 | 7.0 |
| M8          | 1.25  | N2    | 2    | 2.5P | 70 | 22.0 | -   | -    | 6.2 | 5.0 | 8.0 |
| M8          | 1.25  | N3    | 2    | 2.5P | 70 | 22.0 | -   | -    | 6.2 | 5.0 | 8.0 |
| M8          | 1.25  | N4    | 2    | 2.5P | 70 | 22.0 | -   | -    | 6.2 | 5.0 | 8.0 |
| M10         | 1.25  | N3    | 3    | 2.5P | 75 | 24.0 | -   | -    | 7.0 | 5.5 | 8.0 |
| M10         | 1.25  | N4    | 3    | 2.5P | 75 | 24.0 | -   | -    | 7.0 | 5.5 | 8.0 |
| M10         | 1.25  | N5    | 3    | 2.5P | 75 | 24.0 | -   | -    | 7.0 | 5.5 | 8.0 |
| M12         | 1.75  | N3    | 3    | 2.5P | 85 | 29.0 | -   | -    | 8.5 | 6.5 | 9.0 |
| M12         | 1.75  | N4    | 3    | 2.5P | 85 | 29.0 | -   | -    | 8.5 | 6.5 | 9.0 |
| M12         | 1.75  | N5    | 3    | 2.5P | 85 | 29.0 | -   | -    | 8.5 | 6.5 | 9.0 |

