



## Standard TwinBox

Machine Tap + Twist Drill  
metric ISO-thread DIN 13

### 标准套装

机用丝锥 + 钻头  
公制ISO螺纹 DIN 13



**DIN 371/376 HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D			Art.-No.
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#### Form B, Spiral Point / 螺尖

M 3 x 0.5	DIN 371	2.5 mm	37590
M 4 x 0.7	DIN 371	3.3 mm	37591
M 5 x 0.8	DIN 371	4.2 mm	37592
M 6 x 1.0	DIN 371	5.0 mm	37593
M 8 x 1.25	DIN 371	6.8 mm	37594
M 10 x 1.5	DIN 371	8.5 mm	37595
M 12 x 1.75	DIN 376	10.2 mm	38596
M 14 x 2.0	DIN 376	12.0 mm	38597
M 16 x 2.0	DIN 376	14.0 mm	38598

#### Form C, Spiral Flute / 螺旋槽

M 3 x 0.5	DIN 371	2.5 mm	37790
M 4 x 0.7	DIN 371	3.3 mm	37791
M 5 x 0.8	DIN 371	4.2 mm	37792
M 6 x 1.0	DIN 371	5.0 mm	37793
M 8 x 1.25	DIN 371	6.8 mm	37794
M 10 x 1.5	DIN 371	8.5 mm	37795
M 12 x 1.75	DIN 376	10.2 mm	38796
M 14 x 2.0	DIN 376	12.0 mm	38797
M 16 x 2.0	DIN 376	14.0 mm	38798

#### Application:

##### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- Spiral Point for through holes
- Spiral Flute for blind holes

**HSS-G Twist Drills DIN 338, type N**  
bright finish, profile ground

#### 应用:

##### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 螺尖用于通孔
- 螺旋槽用于盲孔

**全磨钻头 DIN338, N型**  
白身, 全磨



**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form A HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 2 x 0.4	45	8	2.8	2.1	37316
M 2.3 x 0.4	45	9	2.8	2.1	37318
M 2.5 x 0.45	50	9	2.8	2.1	37322
M 2.6 x 0.45	50	9	2.8	2.1	37324
M 3 x 0.5	56	11	3.5	2.7	37326
M 4 x 0.7	63	13	4.5	3.4	37330
M 5 x 0.8	70	16	6.0	4.9	37334
M 6 x 1.0	80	19	6.0	4.9	37338
M 8 x 1.25	90	22	8.0	6.2	37342
M 10 x 1.5	100	24	10.0	8.0	37346
<b>DIN 376</b>					
M 2 x 0.4	45	8	1.4	—	38316
M 3 x 0.5	56	11	2.2	—	38326
M 4 x 0.7	63	13	2.8	2.1	38330
M 5 x 0.8	70	16	3.5	2.7	38334
M 6 x 1.0	80	19	4.5	3.4	38338
M 8 x 1.25	90	22	6.0	4.9	38342
M 10 x 1.5	100	24	7.0	5.5	38346
M 12 x 1.75	110	29	9.0	7.0	38350
M 14 x 2.0	110	30	11.0	9.0	38354
M 16 x 2.0	110	32	12.0	9.0	38358
M 18 x 2.5	125	34	14.0	11.0	38362
M 20 x 2.5	140	34	16.0	12.0	38366
M 22 x 2.5	140	34	18.0	14.5	38370
M 24 x 3.0	160	38	18.0	14.5	38374
M 27 x 3.0	160	38	20.0	16.0	38376
M 30 x 3.5	180	45	22.0	18.0	38378

**SET**

M 3 - 12 M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376) 47813

**Application:**

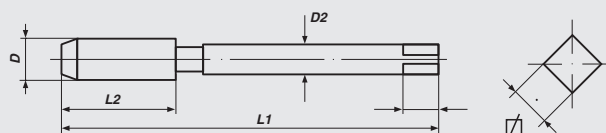
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13



**DIN 371/376 Form C HSS-E Tol. ISO2/6H M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 2 x 0.4	45	8	2.8	2.1	37416
M 2.3 x 0.4	45	9	2.8	2.1	37418
M 2.5 x 0.45	50	9	2.8	2.1	37422
M 2.6 x 0.45	50	9	2.8	2.1	37424
M 3 x 0.5	56	11	3.5	2.7	37426
M 3.5 x 0.6	56	13	4.0	3.0	37428
M 4 x 0.7	63	13	4.5	3.4	37430
M 5 x 0.8	70	16	6.0	4.9	37434
M 6 x 1.0	80	19	6.0	4.9	37438
M 7 x 1.0	80	19	7.0	5.5	37440
M 8 x 1.25	90	22	8.0	6.2	37442
M 10 x 1.5	100	24	10.0	8.0	37446
<b>DIN 376</b>					
M 3 x 0.5	56	11	2.2	—	38426
M 4 x 0.7	63	13	2.8	2.1	38430
M 5 x 0.8	70	16	3.5	2.7	38434
M 6 x 1.0	80	19	4.5	3.4	38438
M 8 x 1.25	90	22	6.0	4.9	38442
M 10 x 1.5	100	24	7.0	5.5	38446
M 11 x 1.5	100	24	8.0	6.2	38448
M 12 x 1.75	110	29	9.0	7.0	38450
M 14 x 2.0	110	30	11.0	9.0	38454
M 16 x 2.0	110	32	12.0	9.0	38458
M 18 x 2.5	125	34	14.0	11.0	38462
M 20 x 2.5	140	34	16.0	12.0	38466
M 22 x 2.5	140	34	18.0	14.5	38470
M 24 x 3.0	160	38	18.0	14.5	38474
M 27 x 3.0	160	38	20.0	16.0	38476
M 30 x 3.5	180	45	22.0	18.0	38478
M 33 x 3.5	180	50	25.0	20.0	38480
M 36 x 4.0	200	56	28.0	22.0	38482
M 39 x 4.0	200	60	32.0	24.0	38484
M 42 x 4.5	200	60	32.0	24.0	38486
M 45 x 4.5	220	65	36.0	29.0	38488
M 48 x 5.0	250	70	36.0	29.0	38490
M 52 x 5.0	250	70	40.0	32.0	38492
<b>SET</b>					
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47814

**Application:**

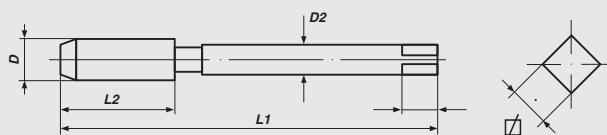
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13



**DIN 371 Form B HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 1 x 0.25	40	5	2.5	2.1	37502
M 1.1 x 0.25	40	5	2.5	2.1	37504
M 1.2 x 0.25	40	5	2.5	2.1	37506
M 1.4 x 0.3	40	7	2.5	2.1	37508
M 1.6 x 0.35	40	8	2.5	2.1	37510
M 1.7 x 0.35	40	8	2.5	2.1	37512
M 1.8 x 0.35	40	8	2.5	2.1	37514
M 2 x 0.4	45	8	2.8	2.1	37516
M 2.5 x 0.45	50	9	2.8	2.1	37522
M 3 x 0.5	56	11	3.5	2.7	37526
M 3.5 x 0.6	56	13	4.0	3.0	37528
M 4 x 0.7	63	13	4.5	3.4	37530
M 5 x 0.8	70	16	6.0	4.9	37534
M 6 x 1.0	80	19	6.0	4.9	37538
M 7 x 1.0	80	19	7.0	5.5	37540
M 8 x 1.25	90	22	8.0	6.2	37542
M 10 x 1.5	100	24	10.0	8.0	37546

**TIN**

M 3 x 0.5	56	11	3.5	2.7	31526
M 4 x 0.7	63	13	4.5	3.4	31530
M 5 x 0.8	70	16	6.0	4.9	31534
M 6 x 1.0	80	19	6.0	4.9	31538
M 8 x 1.25	90	22	8.0	6.2	31542
M 10 x 1.5	100	24	10.0	8.0	31546

**VAP**

M 3 x 0.5	56	11	3.5	2.7	31570
M 4 x 0.7	63	13	4.5	3.4	31571
M 5 x 0.8	70	16	6.0	4.9	31572
M 6 x 1.0	80	19	6.0	4.9	31573
M 8 x 1.25	90	22	8.0	6.2	31574
M 10 x 1.5	100	24	10.0	8.0	31575

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**TIN-coating:**

- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

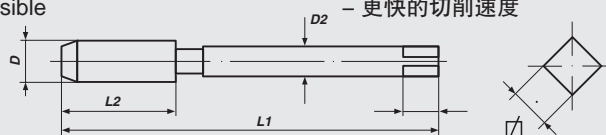
**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔

**TIN涂层:**

- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13



**DIN 376 Form B HSS-E Tol. ISO2/6H M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.5	56	11	2.2	—	38526
M 4 x 0.7	63	13	2.8	2.1	38530
M 5 x 0.8	70	16	3.5	2.7	38534
M 6 x 1.0	80	19	4.5	3.4	38538
M 8 x 1.25	90	22	6.0	4.9	38542
M 9 x 1.25	90	22	7.0	5.5	38544
M 10 x 1.5	100	24	7.0	5.5	38546
M 12 x 1.75	110	29	9.0	7.0	38550
M 14 x 2.0	110	30	11.0	9.0	38554
M 16 x 2.0	110	32	12.0	9.0	38558
M 18 x 2.5	125	34	14.0	11.0	38562
M 20 x 2.5	140	34	16.0	12.0	38566
M 22 x 2.5	140	34	18.0	14.5	38570
M 24 x 3.0	160	38	18.0	14.5	38574
M 27 x 3.0	160	38	20.0	16.0	38576
M 30 x 3.5	180	45	22.0	18.0	38578
M 33 x 3.5	180	50	25.0	20.0	38580
M 36 x 4.0	200	56	28.0	22.0	38582
M 39 x 4.0	200	60	32.0	24.0	38584
M 42 x 4.5	200	60	32.0	24.0	38586
M 45 x 4.5	220	65	36.0	29.0	38588
M 48 x 5.0	250	70	36.0	29.0	38590
M 52 x 5.0	250	70	40.0	32.0	38592

**TIN**

M 12 x 1.75	110	29	9.0	7.0	31550
M 14 x 2.0	110	30	11.0	9.0	31554
M 16 x 2.0	110	32	12.0	9.0	31558
M 18 x 2.5	125	34	14.0	11.0	31562
M 20 x 2.5	104	34	16.0	12.0	31566

**VAP**

M 12 x 1.75	110	29	9.0	7.0	31576
M 14 x 2.0	110	30	11.0	9.0	31577
M 16 x 2.0	110	32	12.0	9.0	31578
M 18 x 2.5	125	34	14.0	11.0	31579
M 20 x 2.5	140	34	16.0	12.0	31580

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**TIN-coating:**

- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

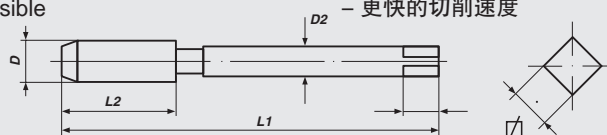
**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔

**TIN涂层:**

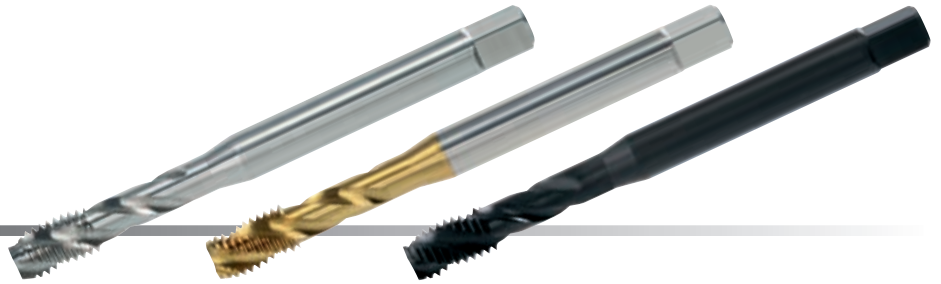
- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13



**DIN 371**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 1 x 0.25	40	4	2.5	2.1	37702
M 1.1 x 0.25	40	4	2.5	2.1	37704
M 1.2 x 0.25	40	4	2.5	2.1	37706
M 1.4 x 0.3	40	5	2.5	2.1	37708
M 1.6 x 0.35	40	6	2.5	2.1	37710
M 1.7 x 0.35	40	6	2.5	2.1	37712
M 1.8 x 0.35	40	6	2.5	2.1	37714
M 2 x 0.4	45	6	2.8	2.1	37716
M 2.5 x 0.45	50	6	2.8	2.1	37722
M 3 x 0.5	56	6	3.5	2.7	37726
M 3.5 x 0.6	56	6	4.0	3.0	37728
M 4 x 0.7	63	7	4.5	3.4	37730
M 5 x 0.8	70	8	6.0	4.9	37734
M 6 x 1.0	80	10	6.0	4.9	37738
M 7 x 1.0	80	12	7.0	5.5	37740
M 8 x 1.25	90	14	8.0	6.2	37742
M 10 x 1.5	100	16	10.0	8.0	37746

**TIN**

M 3 x 0.5	56	6	3.5	2.7	31726
M 4 x 0.7	63	7	4.5	3.4	31730
M 5 x 0.8	70	8	6.0	4.9	31734
M 6 x 1.0	80	10	6.0	4.9	31738
M 8 x 1.25	90	14	8.0	6.2	31742
M 10 x 1.5	100	16	10.0	8.0	31746

**VAP**

M 3 x 0.5	56	6	3.5	2.7	31770
M 4 x 0.7	63	7	4.5	3.4	31771
M 5 x 0.8	70	8	6.0	4.9	31772
M 6 x 1.0	80	10	6.0	4.9	31773
M 8 x 1.25	90	14	8.0	6.2	31774
M 10 x 1.5	100	16	10.0	8.0	31775

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**TIN-coating:**

- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

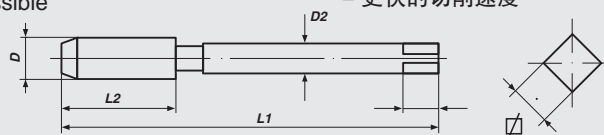
**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔

**TIN涂层:**

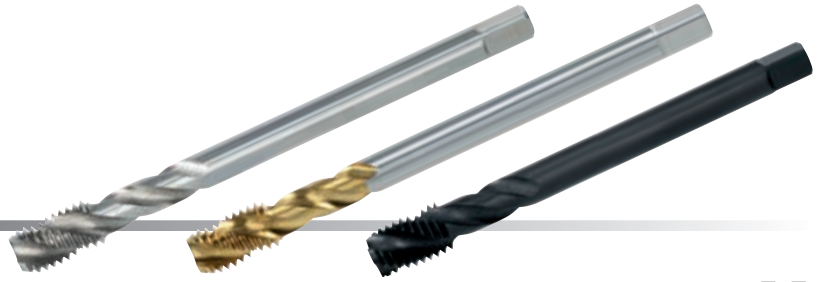
- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13



**DIN 376**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.5	56	6	2.2	—	38726
M 4 x 0.7	63	7	2.8	2.1	38730
M 5 x 0.8	70	8	3.5	2.7	38734
M 6 x 1.0	80	10	4.5	3.4	38738
M 8 x 1.25	90	14	6.0	4.9	38742
M 10 x 1.5	100	16	7.0	5.5	38746
M 12 x 1.75	110	18	9.0	7.0	38750
M 14 x 2.0	110	20	11.0	9.0	38754
M 16 x 2.0	110	22	12.0	9.0	38758
M 18 x 2.5	125	25	14.0	11.0	38762
M 20 x 2.5	140	25	16.0	12.0	38766
M 22 x 2.5	140	27	18.0	14.5	38770
M 24 x 3.0	160	30	18.0	14.5	38774
M 27 x 3.0	160	30	20.0	16.0	38776
M 30 x 3.5	180	35	22.0	18.0	38778
M 33 x 3.5	180	35	25.0	20.0	38780
M 36 x 4.0	200	40	28.0	22.0	38782
M 39 x 4.0	200	40	32.0	24.0	38784
M 42 x 4.5	200	45	32.0	24.0	38786
M 45 x 4.5	220	45	36.0	29.0	38788
M 48 x 5.0	250	50	36.0	29.0	38790
M 52 x 5.0	250	50	40.0	32.0	38792

**TIN**

M 12 x 1.75	110	18	9.0	7.0	31750
M 14 x 2.0	110	20	11.0	9.0	31754
M 16 x 2.0	110	22	12.0	9.0	31758
M 18 x 2.5	125	25	14.0	11.0	31762
M 20 x 2.5	104	25	16.0	12.0	31766

**VAP**

M 12 x 1.75	110	18	9.0	7.0	31776
M 14 x 2.0	110	20	11.0	9.0	31777
M 16 x 2.0	110	22	12.0	9.0	31778
M 18 x 2.5	125	25	14.0	11.0	31779
M 20 x 2.5	140	25	16.0	12.0	31780

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**TIN-coating:**

- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

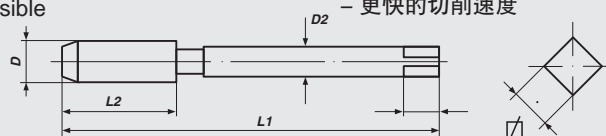
**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔

**TIN涂层:**

- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13



**DIN 371/376    Form C/15°RSP    HSS-E    Tol. ISO2/6H    M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 3 x 0.5	56	11	3.5	2.7	37626
M 3.5 x 0.6	56	13	4.0	3.0	37628
M 4 x 0.7	63	13	4.5	3.4	37630
M 5 x 0.8	70	16	6.0	4.9	37634
M 6 x 1.0	80	19	6.0	4.9	37638
M 7 x 1.0	80	19	7.0	5.5	37640
M 8 x 1.25	90	22	8.0	6.2	37642
M 10 x 1.5	100	24	10.0	8.0	37646
<b>DIN 376</b>					
M 3 x 0.5	56	11	2.2	—	38626
M 4 x 0.7	63	13	2.8	2.1	38630
M 5 x 0.8	70	16	3.5	2.7	38634
M 6 x 1.0	80	19	4.5	3.4	38638
M 8 x 1.25	90	22	6.0	4.9	38642
M 10 x 1.5	100	24	7.0	5.5	38646
M 12 x 1.75	110	29	9.0	7.0	38650
M 14 x 2.0	110	30	11.0	9.0	38654
M 16 x 2.0	110	32	12.0	11.0	38658
M 18 x 2.5	125	34	14.0	11.0	38662
M 20 x 2.5	140	34	16.0	12.0	38666
M 22 x 2.5	140	34	18.0	14.5	38670
M 24 x 3.0	160	38	18.0	14.5	38674
<b>SET</b>					
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47816

**Application:**

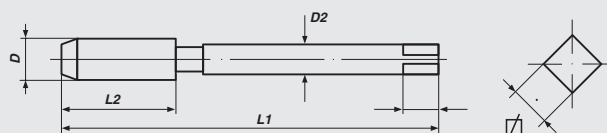
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔







**Machine Taps**  
metric ISO-thread DIN 13

**机用丝锥**  
公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form B-AZ HSS-E Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 3 x 0.5	56	11	3.5	2.7	37926
M 4 x 0.7	63	13	4.5	3.4	37930
M 5 x 0.8	70	16	6.0	4.9	37934
M 6 x 1.0	80	19	6.0	4.9	37938
M 8 x 1.25	90	22	8.0	6.2	37942
M 10 x 1.5	100	24	10.0	8.0	37946
<b>DIN 376</b>					
M 3 x 0.5	56	11	2.2	—	38926
M 4 x 0.7	63	13	2.8	2.1	38930
M 5 x 0.8	70	16	3.5	2.7	38934
M 6 x 1.0	80	19	4.5	3.4	38938
M 8 x 1.25	90	22	6.0	4.9	38942
M 10 x 1.5	100	24	7.0	5.5	38946
M 12 x 1.75	110	29	9.0	7.0	38950
M 14 x 2.0	110	30	11.0	9.0	38954
M 16 x 2.0	110	32	12.0	9.0	38958
M 18 x 2.5	125	34	14.0	11.0	38962
M 20 x 2.5	140	34	16.0	12.0	38966
M 22 x 2.5	140	34	18.0	14.5	38970
M 24 x 3.0	160	38	18.0	14.5	38974
<b>SET</b>					
M 3 - 12	M 3-4-5-6-8-10 (DIN 371), M 12 (DIN 376)				47819

**Application:**

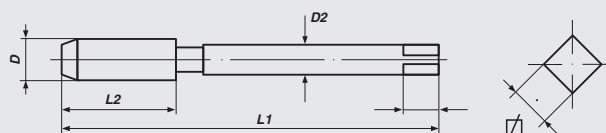
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps, *extra long*

metric ISO-thread DIN 13

## 机用丝锥, 加长

公制ISO螺纹 DIN 13



≈ **DIN 371**    **Form B**    **HSS-E**    **Tol. ISO2/6H**    **M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>100 mm</b>					
M 3 x 0.5	100	11	3.5	2.7	32010
M 4 x 0.7	100	13	4.5	3.4	32011
M 5 x 0.8	100	16	6.0	4.9	32012
M 6 x 1.0	100	19	6.0	4.9	32013
M 8 x 1.25	100	22	8.0	6.2	32014
M 10 x 1.5	100	24	10.0	8.0	32015
M 12 x 1.75	100	29	12.0	9.0	32016
<b>120 mm</b>					
M 4 x 0.7	120	13	4.5	3.4	32021
M 5 x 0.8	120	16	6.0	4.9	32022
M 6 x 1.0	120	19	6.0	4.9	32023
M 8 x 1.25	120	22	8.0	6.2	32024
M 10 x 1.5	120	24	10.0	8.0	32025
M 12 x 1.75	120	29	12.0	9.0	32026
<b>150 mm</b>					
M 4 x 0.7	150	13	4.5	3.4	32031
M 5 x 0.8	150	16	6.0	4.9	32032
M 6 x 1.0	150	19	6.0	4.9	32033
M 8 x 1.25	150	22	8.0	6.2	32034
M 10 x 1.5	150	24	10.0	8.0	32035
M 12 x 1.75	150	29	12.0	9.0	32036
<b>150 mm with reduced shank / 细柄</b>					
M 4 x 0.7	150	13	2.8	2.1	32071
M 5 x 0.8	150	16	3.5	2.7	32072
M 6 x 1.0	150	19	4.5	3.4	32073
M 8 x 1.25	150	22	6.0	4.9	32074
M 10 x 1.5	150	24	7.0	5.5	32075
M 12 x 1.75	150	29	9.0	7.0	32076

### Application:

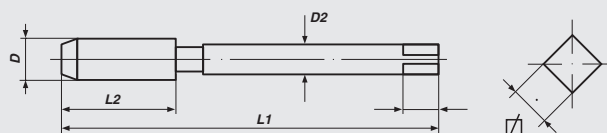
#### for general use in awkward places

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用, 适用于不方便加工的地方

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps, *extra long*

metric ISO-thread DIN 13

## 机用丝锥, 加长

公制ISO螺纹 DIN 13



≈ DIN 371

Form C/35°RSP

HSS-E

Tol. ISO2/6H

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>100 mm</b>					
M 3 x 0.5	100	6	3.5	2.7	32040
M 4 x 0.7	100	7	4.5	3.4	32041
M 5 x 0.8	100	8	6.0	4.9	32042
M 6 x 1.0	100	10	6.0	4.9	32043
M 8 x 1.25	100	14	8.0	6.2	32044
M 10 x 1.5	100	16	10.0	8.0	32045
M 12 x 1.75	100	18	12.0	9.0	32046
<b>120 mm</b>					
M 4 x 0.7	120	7	4.5	3.4	32051
M 5 x 0.8	120	8	6.0	4.9	32052
M 6 x 1.0	120	10	6.0	4.9	32053
M 8 x 1.25	120	14	8.0	6.2	32054
M 10 x 1.5	120	16	10.0	8.0	32055
M 12 x 1.75	120	18	12.0	9.0	32056
<b>150 mm</b>					
M 4 x 0.7	150	7	4.5	3.4	32061
M 5 x 0.8	150	8	6.0	4.9	32062
M 6 x 1.0	150	10	6.0	4.9	32063
M 8 x 1.25	150	14	8.0	6.2	32064
M 10 x 1.5	150	16	10.0	8.0	32065
M 12 x 1.75	150	18	12.0	9.0	32066
<b>150 mm with reduced shank / 细柄</b>					
M 4 x 0.7	150	7	2.8	2.1	32081
M 5 x 0.8	150	8	3.5	2.7	32082
M 6 x 1.0	150	10	4.5	3.4	32083
M 8 x 1.25	150	14	6.0	4.9	32084
M 10 x 1.5	150	16	7.0	5.5	32085
M 12 x 1.75	150	18	9.0	7.0	32086

### Application:

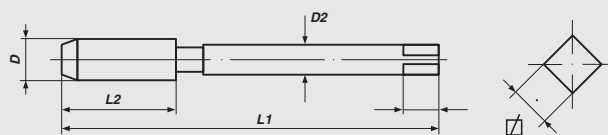
#### for general use in awkward places

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用, 适用于不方便加工的地方

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔





**Machine Taps, with oversize**  
metric ISO-thread DIN 13

**机用丝锥, 中径加大**  
公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form B HSS-E**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>6G</b>					
DIN 371					
M 2.5 x 0.45	50	9	2.8	2.1	32522
M 3 x 0.5	56	11	3.5	2.7	32526
M 4 x 0.7	63	13	4.5	3.4	32530
M 5 x 0.8	70	16	6.0	4.9	32534
M 6 x 1.0	80	19	6.0	4.9	32538
M 8 x 1.25	90	22	8.0	6.2	32542
M 10 x 1.5	100	24	10.0	8.0	32546
DIN 376					
M 12 x 1.75	110	29	9.0	7.0	32550
M 14 x 2.0	110	30	11.0	9.0	32554
M 16 x 2.0	110	32	12.0	9.0	32558
M 18 x 2.5	125	34	14.0	11.0	32562
M 20 x 2.5	140	34	16.0	12.0	32566
<b>7G</b>					
DIN 371					
M 3 x 0.5	56	11	3.5	2.7	32503
M 4 x 0.7	63	13	4.5	3.4	32504
M 5 x 0.8	70	16	6.0	4.9	32505
M 6 x 1.0	80	19	6.0	4.9	32506
M 8 x 1.25	90	22	8.0	6.2	32508
M 10 x 1.5	100	24	10.0	8.0	32510
DIN 376					
M 12 x 1.75	110	29	9.0	7.0	32512
<b>+ 0,1 mm</b>					
DIN 371					
M 3 x 0.5	56	11	3.5	2.7	32583
M 4 x 0.7	63	13	4.5	3.4	32584
M 5 x 0.8	70	16	6.0	4.9	32585
M 6 x 1.0	80	19	6.0	4.9	32586
M 8 x 1.25	90	22	8.0	6.2	32588
M 10 x 1.5	100	24	10.0	8.0	32590
DIN 376					
M 12 x 1.75	110	29	9.0	7.0	32592

**Application:**

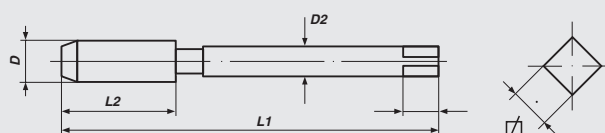
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for through holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 长屑
- 通孔





**Machine Taps, *with undersize***

metric ISO-thread DIN13

**机用丝锥, *中径减少***

公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form B**

**HSS-E**

**Tol. ISO1/4H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>4H</b>					
DIN 371					
M 3 x 0.5	56	11	3.5	2.7	32612
M 4 x 0.7	63	13	4.5	3.4	32614
M 5 x 0.8	70	16	6.0	4.9	32616
M 6 x 1.0	80	19	6.0	4.9	32618
M 8 x 1.25	90	22	8.0	6.2	32620
M 10 x 1.5	100	24	10.0	8.0	32622
DIN 376					
M 12 x 1.75	110	29	9.0	7.0	32624
M 14 x 2.0	110	30	11.0	9.0	32625
M 16 x 2.0	110	32	12.0	9.0	32626

**Application:**

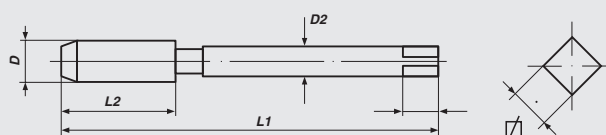
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for through holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 长屑
- 通孔





**Machine Taps, *with oversize***  
metric ISO-thread DIN 13

**机用丝锥, 中径加大**  
公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form C/35°RSP HSS-E**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>6G</b>					
DIN 371					
M 3 x 0.5	56	6	3.5	2.7	32726
M 4 x 0.7	63	7	4.5	3.4	32730
M 5 x 0.8	70	8	6.0	4.9	32734
M 6 x 1.0	80	10	6.0	4.9	32738
M 8 x 1.25	90	14	8.0	6.2	32742
M 10 x 1.5	100	16	10.0	8.0	32746
DIN 376					
M 12 x 1.75	110	18	9.0	7.0	32750
M 14 x 2.0	110	20	11.0	9.0	32754
M 16 x 2.0	110	22	12.0	9.0	32758
M 18 x 2.5	125	25	14.0	11.0	32762
M 20 x 2.5	140	25	16.0	12.0	32766
<b>7G</b>					
DIN 371					
M 3 x 0.5	56	6	3.5	2.7	32703
M 4 x 0.7	63	7	4.5	3.4	32704
M 5 x 0.8	70	8	6.0	4.9	32705
M 6 x 1.0	80	10	6.0	4.9	32706
M 8 x 1.25	90	14	8.0	6.2	32708
M 10 x 1.5	100	16	10.0	8.0	32710
DIN 376					
M 12 x 1.75	110	18	9.0	7.0	32712
<b>+ 0,1 mm</b>					
DIN 371					
M 3 x 0.5	56	6	3.5	2.7	32783
M 4 x 0.7	63	7	4.5	3.4	32784
M 5 x 0.8	70	8	6.0	4.9	32785
M 6 x 1.0	80	10	6.0	4.9	32786
M 8 x 1.25	90	14	8.0	6.2	32788
M 10 x 1.5	100	16	10.0	8.0	32790
DIN 376					
M 12 x 1.75	110	18	9.0	7.0	32792

**Application:**

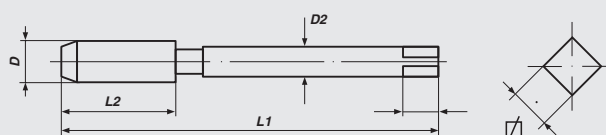
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 长屑
- 盲孔





**Machine Taps, *with undersize***

metric ISO-thread DIN 13

**机用丝锥, *中径减少***

公制ISO螺纹 DIN 13



**DIN 371/376**

**Form C/35°RSP**

**HSS-E**

**Tol. ISO1/4H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>4H</b>					
DIN 371					
M 3 x 0.5	56	6	3.5	2.7	32652
M 4 x 0.7	63	7	4.5	3.4	32654
M 5 x 0.8	70	8	6.0	4.9	32656
M 6 x 1.0	80	10	6.0	4.9	32658
M 8 x 1.25	90	14	8.0	6.2	32660
M 10 x 1.5	100	16	10.0	8.0	32662
DIN 376					
M 12 x 1.75	110	18	9.0	7.0	32664
M 14 x 2.0	110	20	11.0	9.0	32665
M 16 x 2.0	110	22	12.0	9.0	32666

**Application:**

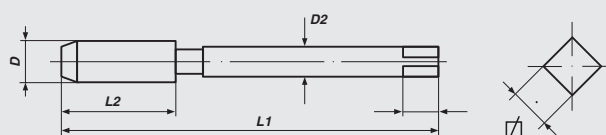
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- long chipping material
- for blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 长屑
- 盲孔





## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 4 x 0.35	63	10	2.8	2.1	39402
M 5 x 0.5	70	12	3.5	2.7	39404
M 6 x 0.75	80	14	4.5	3.4	39407
M 8 x 0.75	80	19	6.0	4.9	39410
M 8 x 1.0	90	22	6.0	4.9	39411
M 10 x 1.0	90	20	7.0	5.5	39415
M 10 x 1.25	100	24	7.0	5.5	39416
M 12 x 1.0	100	22	9.0	7.0	39420
M 12 x 1.25	100	22	9.0	7.0	39421
M 12 x 1.5	100	22	9.0	7.0	39422
M 14 x 1.0	100	22	11.0	9.0	39426
M 14 x 1.25	100	22	11.0	9.0	39427
M 14 x 1.5	100	22	11.0	9.0	39428
M 16 x 1.0	100	22	12.0	9.0	39431
M 16 x 1.5	100	22	12.0	9.0	39433
M 18 x 1.0	110	25	14.0	11.0	39434
M 18 x 1.5	110	25	14.0	11.0	39436
M 18 x 2.0	125	34	14.0	11.0	39437
M 20 x 1.0	125	25	16.0	12.0	39438
M 20 x 1.25	125	25	16.0	12.0	39439
M 20 x 1.5	125	25	16.0	12.0	39440
M 20 x 2.0	140	34	16.0	12.0	39441
M 22 x 1.0	125	25	18.0	14.5	39443
M 22 x 1.5	125	25	18.0	14.5	39445
M 22 x 2.0	140	34	18.0	14.5	39446
M 24 x 1.0	140	28	18.0	14.5	39448
M 24 x 1.5	140	28	18.0	14.5	39450
M 24 x 2.0	140	28	18.0	14.5	39451
M 25 x 1.0	140	28	18.0	14.5	39452
M 26 x 1.5	140	28	18.0	14.5	39454
M 27 x 1.5	140	28	20.0	16.0	39456
M 27 x 2.0	140	28	20.0	16.0	39457
M 28 x 1.5	140	28	20.0	16.0	39459
M 30 x 1.5	150	28	22.0	18.0	39463
M 30 x 2.0	150	28	22.0	18.0	39464
M 32 x 1.5	150	28	22.0	18.0	39466
M 32 x 2.0	150	28	22.0	18.0	39467
M 33 x 2.0	160	30	25.0	20.0	39468
M 35 x 1.5	170	30	28.0	22.0	39472
M 36 x 1.5	170	30	28.0	22.0	39473
M 36 x 2.0	170	30	28.0	22.0	39474
M 38 x 1.5	170	30	28.0	22.0	39476
M 40 x 1.5	170	30	32.0	24.0	39480
M 42 x 1.5	170	30	32.0	24.0	39483
M 45 x 1.5	180	32	36.0	29.0	39486
M 48 x 1.5	190	32	36.0	29.0	39489
M 50 x 1.5	190	32	36.0	29.0	39494
M 52 x 1.5	190	32	40.0	32.0	39497





## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.35	56	9	2.2	-	39501
M 4 x 0.35	63	10	2.8	2.1	39502
M 4 x 0.5	63	10	2.8	2.1	39503
M 5 x 0.5	70	12	3.5	2.7	39504
M 5 x 0.75	70	12	3.5	2.7	39505
M 6 x 0.5	80	14	4.5	3.4	39506
M 6 x 0.75	80	14	4.5	3.4	39507
M 7 x 0.75	80	14	5.5	4.3	39508
M 8 x 0.5	80	19	6.0	4.9	39509
M 8 x 0.75	80	19	6.0	4.9	39510
M 8 x 1.0	90	22	6.0	4.9	39511
M 9 x 0.75	80	19	7.0	5.5	39512
M 9 x 1.0	90	22	7.0	5.5	39513
M 10 x 0.75	90	20	7.0	5.5	39514
M 10 x 1.0	90	20	7.0	5.5	39515
M 10 x 1.25	100	24	7.0	5.5	39516
M 11 x 1.0	90	20	8.0	6.2	39517
M 11 x 1.25	90	22	8.0	6.2	39518
M 12 x 0.75	100	22	9.0	7.0	39519
M 12 x 1.0	100	22	9.0	7.0	39520
M 12 x 1.25	100	22	9.0	7.0	39521
M 12 x 1.5	100	22	9.0	7.0	39522
M 13 x 1.0	100	22	11.0	9.0	39523
M 13 x 1.5	100	22	11.0	9.0	39524
M 14 x 0.75	100	22	11.0	9.0	39525
M 14 x 1.0	100	22	11.0	9.0	39526
M 14 x 1.25	100	22	11.0	9.0	39527
M 14 x 1.5	100	22	11.0	9.0	39528
M 15 x 1.0	100	22	12.0	9.0	39529
M 15 x 1.5	100	22	12.0	9.0	39530
M 16 x 1.0	100	22	12.0	9.0	39531
M 16 x 1.25	100	22	12.0	9.0	39532
M 16 x 1.5	100	22	12.0	9.0	39533
M 18 x 1.0	110	25	14.0	11.0	39534
M 18 x 1.25	110	25	14.0	11.0	39535
M 18 x 1.5	110	25	14.0	11.0	39536
M 18 x 2.0	125	34	14.0	11.0	39537

### Application:

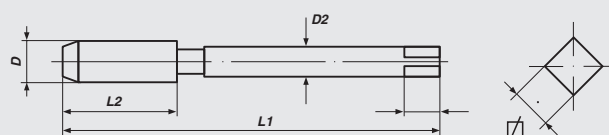
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔



## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 20 x 1.0	125	25	16.0	12.0	39538
M 20 x 1.25	125	25	16.0	12.0	39539
M 20 x 1.5	125	25	16.0	12.0	39540
M 20 x 2.0	140	34	16.0	12.0	39541
M 21 x 1.5	125	25	16.0	12.0	39542
M 22 x 1.0	125	25	18.0	14.5	39543
M 22 x 1.25	125	25	18.0	14.5	39544
M 22 x 1.5	125	25	18.0	14.5	39545
M 22 x 2.0	140	34	18.0	14.5	39546
M 23 x 1.5	125	25	18.0	14.5	39547
M 24 x 1.0	140	28	18.0	14.5	39548
M 24 x 1.25	140	28	18.0	14.5	39549
M 24 x 1.5	140	28	18.0	14.5	39550
M 24 x 2.0	140	28	18.0	14.5	39551
M 25 x 1.0	140	28	18.0	14.5	39552
M 25 x 1.5	140	28	18.0	14.5	39553
M 26 x 1.0	140	28	18.0	14.5	3955X
M 26 x 1.5	140	28	18.0	14.5	39554
M 26 x 2.0	140	28	18.0	14.5	39555
M 27 x 1.0	140	28	20.0	16.0	39500
M 27 x 1.5	140	28	20.0	16.0	39556
M 27 x 2.0	140	28	20.0	16.0	39557
M 28 x 1.0	140	28	20.0	16.0	39558
M 28 x 1.5	140	28	20.0	16.0	39559
M 28 x 2.0	140	28	20.0	16.0	39560
M 29 x 1.5	150	28	22.0	18.0	39561
M 30 x 1.0	150	28	22.0	18.0	39562
M 30 x 1.5	150	28	22.0	18.0	39563
M 30 x 2.0	150	28	22.0	18.0	39564
M 30 x 2.5	180	45	22.0	18.0	3956X
M 30 x 3.0	180	45	22.0	18.0	39565
M 32 x 1.5	150	28	22.0	18.0	39566
M 32 x 2.0	150	28	22.0	18.0	39567
M 32 x 3.0	180	50	22.0	18.0	39592
M 33 x 1.5	160	30	25.0	20.0	39593
M 33 x 2.0	160	30	25.0	20.0	39568
M 33 x 3.0	180	50	25.0	20.0	39569

### Application:

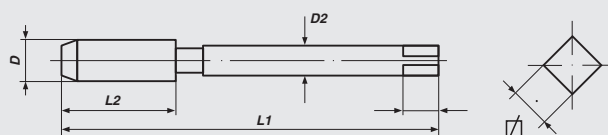
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 34 x 1.5	170	30	28.0	22.0	39570
M 34 x 2.0	170	30	28.0	22.0	39571
M 35 x 1.5	170	30	28.0	22.0	39572
M 36 x 1.5	170	30	28.0	22.0	39573
M 36 x 2.0	170	30	28.0	22.0	39574
M 36 x 3.0	200	56	28.0	22.0	39575
M 38 x 1.5	170	30	28.0	22.0	39576
M 39 x 1.5	170	30	32.0	24.0	39577
M 39 x 2.0	170	30	32.0	24.0	39578
M 39 x 3.0	200	60	32.0	24.0	39579
M 40 x 1.5	170	30	32.0	24.0	39580
M 40 x 2.0	170	30	32.0	24.0	39581
M 40 x 3.0	200	60	32.0	24.0	39582
M 42 x 1.5	170	30	32.0	24.0	39583
M 42 x 2.0	170	30	32.0	24.0	39584
M 42 x 3.0	200	60	32.0	24.0	39585
M 45 x 1.5	180	32	36.0	29.0	39586
M 45 x 2.0	180	32	36.0	29.0	39587
M 45 x 3.0	200	50	36.0	29.0	39588
M 48 x 1.5	190	32	36.0	29.0	39589
M 48 x 2.0	190	32	36.0	29.0	39590
M 48 x 3.0	225	50	36.0	29.0	39591
M 50 x 1.5	190	32	36.0	29.0	39594
M 50 x 2.0	190	32	36.0	29.0	39595
M 50 x 3.0	225	50	36.0	29.0	39596
M 52 x 1.5	190	32	40.0	32.0	39597
M 52 x 2.0	190	32	40.0	32.0	39598
M 52 x 3.0	225	50	40.0	32.0	39599
M 63 x 1.5	275	50	50.0	39.0	3959X

### Application:

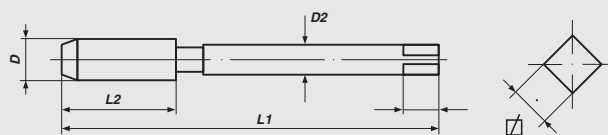
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔



## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C/35° RSP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.35	56	5	2.2	-	39701
M 4 x 0.35	63	5	2.8	2.1	39702
M 4 x 0.5	63	5	2.8	2.1	39703
M 5 x 0.5	70	5	3.5	2.7	39704
M 5 x 0.75	70	8	3.5	2.7	39705
M 6 x 0.5	80	5	4.5	3.4	39706
M 6 x 0.75	80	8	4.5	3.4	39707
M 7 x 0.75	80	8	5.5	4.3	39708
M 8 x 0.5	80	8	6.0	4.9	39709
M 8 x 0.75	80	8	6.0	4.9	39710
M 8 x 1.0	90	10	6.0	4.9	39711
M 9 x 0.75	80	10	7.0	5.5	39712
M 9 x 1.0	90	10	7.0	5.5	39713
M 10 x 0.75	90	10	7.0	5.5	39714
M 10 x 1.0	90	10	7.0	5.5	39715
M 10 x 1.25	100	16	7.0	5.5	39716
M 11 x 1.0	90	11	8.0	6.2	39717
M 11 x 1.25	90	14	8.0	6.2	39718
M 12 x 0.75	100	10	9.0	7.0	39719
M 12 x 1.0	100	11	9.0	7.0	39720
M 12 x 1.25	100	15	9.0	7.0	39721
M 12 x 1.5	100	15	9.0	7.0	39722
M 13 x 1.0	100	11	11.0	9.0	39723
M 13 x 1.5	100	15	11.0	9.0	39724
M 14 x 0.75	100	10	11.0	9.0	39725
M 14 x 1.0	100	11	11.0	9.0	39726
M 14 x 1.25	100	15	11.0	9.0	39727
M 14 x 1.5	100	15	11.0	9.0	39728
M 15 x 1.0	100	12	12.0	9.0	39729
M 15 x 1.5	100	15	12.0	9.0	39730
M 16 x 1.0	100	12	12.0	9.0	39731
M 16 x 1.25	100	15	12.0	9.0	39732
M 16 x 1.5	100	15	12.0	9.0	39733
M 18 x 1.0	110	13	14.0	11.0	39734
M 18 x 1.25	110	15	14.0	11.0	39735
M 18 x 1.5	110	17	14.0	11.0	39736
M 18 x 2.0	125	20	14.0	11.0	39737

### Application:

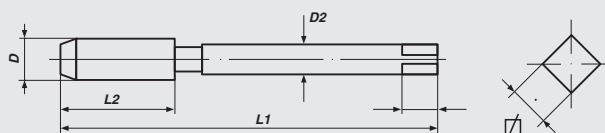
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔



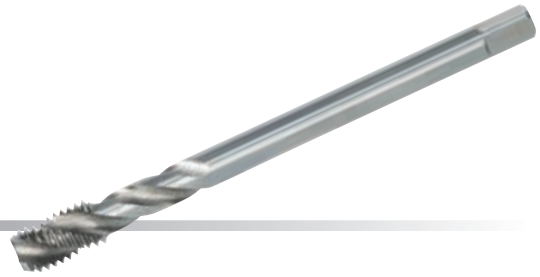


## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C/35° RSP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 20 x 1.0	125	14	16.0	12.0	39738
M 20 x 1.25	125	17	16.0	12.0	39739
M 20 x 1.5	125	17	16.0	12.0	39740
M 20 x 2.0	140	20	16.0	12.0	39741
M 21 x 1.5	125	17	16.0	12.0	39742
M 22 x 1.0	125	14	18.0	14.5	39743
M 22 x 1.25	125	17	18.0	14.5	39744
M 22 x 1.5	125	17	18.0	14.5	39745
M 22 x 2.0	140	20	18.0	14.5	39746
M 23 x 1.5	125	17	18.0	14.5	39747
M 24 x 1.0	140	15	18.0	14.5	39748
M 24 x 1.25	140	17	18.0	14.5	39749
M 24 x 1.5	140	20	18.0	14.5	39750
M 24 x 2.0	140	20	18.0	14.5	39751
M 25 x 1.0	140	15	18.0	14.5	39752
M 25 x 1.5	140	20	18.0	14.5	39753
M 26 x 1.0	140	15	18.0	14.5	3975X
M 26 x 1.5	140	20	18.0	14.5	39754
M 26 x 2.0	140	20	18.0	14.5	39755
M 27 x 1.0	140	15	20.0	16.0	39700
M 27 x 1.5	140	20	20.0	16.0	39756
M 27 x 2.0	140	20	20.0	16.0	39757
M 28 x 1.0	140	15	20.0	16.0	39758
M 28 x 1.5	140	20	20.0	16.0	39759
M 28 x 2.0	140	20	20.0	16.0	39760
M 29 x 1.5	150	22	22.0	18.0	39761
M 30 x 1.0	150	17	22.0	18.0	39762
M 30 x 1.5	150	22	22.0	18.0	39763
M 30 x 2.0	150	22	22.0	18.0	39764
M 30 x 2.5	180	27	22.0	18.0	3976X
M 30 x 3.0	180	30	22.0	18.0	39765
M 32 x 1.5	150	22	22.0	18.0	39766
M 32 x 2.0	150	22	22.0	18.0	39767
M 32 x 3.0	180	30	22.0	18.0	39792
M 33 x 1.5	160	24	25.0	20.0	39793
M 33 x 2.0	160	24	25.0	20.0	39768
M 33 x 3.0	180	30	25.0	20.0	39769

### Application:

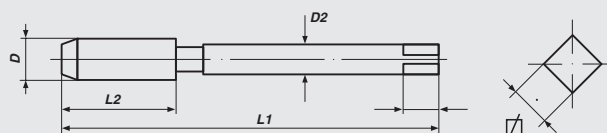
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔

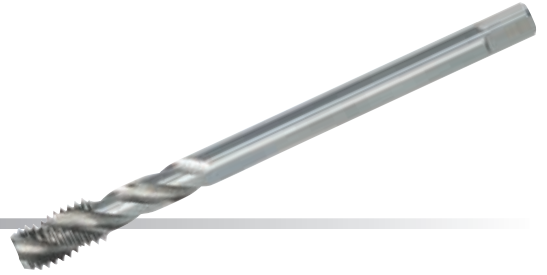


## Machine Taps

metric-fine ISO-thread DIN 13

## 机用丝锥

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C/35° RSP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 34 x 1.5	170	24	28.0	22.0	39770
M 34 x 2.0	170	24	28.0	22.0	39771
M 35 x 1.5	170	24	28.0	22.0	39772
M 36 x 1.5	170	24	28.0	22.0	39773
M 36 x 2.0	170	24	28.0	22.0	39774
M 36 x 3.0	200	30	28.0	22.0	39775
M 38 x 1.5	170	24	28.0	22.0	39776
M 39 x 1.5	170	25	32.0	24.0	39777
M 39 x 2.0	170	25	32.0	24.0	39778
M 39 x 3.0	200	30	32.0	24.0	39779
M 40 x 1.5	170	25	32.0	24.0	39780
M 40 x 2.0	170	25	32.0	24.0	39781
M 40 x 3.0	200	30	32.0	24.0	39782
M 42 x 1.5	170	25	32.0	24.0	39783
M 42 x 2.0	170	25	32.0	24.0	39784
M 42 x 3.0	200	30	32.0	24.0	39785
M 45 x 1.5	180	27	36.0	29.0	39786
M 45 x 2.0	180	27	36.0	29.0	39787
M 45 x 3.0	200	30	36.0	29.0	39788
M 48 x 1.5	190	27	36.0	29.0	39789
M 48 x 2.0	190	27	36.0	29.0	39790
M 48 x 3.0	225	33	36.0	29.0	39791
M 50 x 1.5	190	27	36.0	29.0	39794
M 50 x 2.0	190	27	36.0	29.0	39795
M 50 x 3.0	225	33	36.0	29.0	39796
M 52 x 1.5	190	27	40.0	32.0	39797
M 52 x 2.0	190	27	40.0	32.0	39798
M 52 x 3.0	225	33	40.0	32.0	39799
M 63 x 1.5	275	40	50.0	39.0	3979X

### Application:

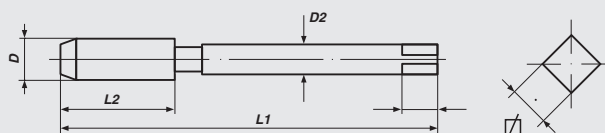
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔





**Machine Taps**  
Withworth-thread BS 84

**机用丝锥**  
惠氏螺纹 BS 84

DIN 371

DIN 376



≈ DIN 371/376

Form B

HSS-E

**BSW**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
≈ DIN 371					
BSW 1/8 x 40	56	11	3.5	2.7	70506
BSW 5/32 x 32	63	13	4.5	3.4	70508
BSW 3/16 x 24	70	15	6.0	4.9	70510
BSW 1/4 x 20	80	17	7.0	5.5	70514
BSW 5/16 x 18	90	20	8.0	6.2	70516
BSW 3/8 x 16	100	22	9.0	7.0	70518
BSW 7/16 x 14	100	22	11.0	9.0	70520
BSW 1/2 x 12	110	25	12.0	9.0	70522
≈ DIN 376					
BSW 1/4 x 20	80	17	4.5	3.4	71514
BSW 5/16 x 18	90	20	6.0	4.9	71516
BSW 3/8 x 16	100	22	7.0	5.5	71518
BSW 7/16 x 14	100	22	8.0	6.2	71520
BSW 1/2 x 12	110	25	9.0	7.0	71522
BSW 9/16 x 12	110	26	11.0	9.0	71524
BSW 5/8 x 11	110	27	12.0	9.0	71526
BSW 3/4 x 10	125	30	14.0	11.0	71530
BSW 7/8 x 9	140	32	18.0	14.5	71534
BSW 1" x 8	160	36	20.0	16.0	71538
BSW 1.1/4 x 7	180	40	22.0	18.0	71546
BSW 1.3/8 x 6	200	50	28.0	22.0	71550
BSW 1.1/2 x 6	200	50	32.0	24.0	71554

**Application:**

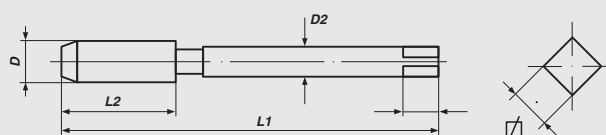
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





**Machine Taps**  
Withworth-thread BS 84

**机用丝锥**  
惠氏螺纹 BS 84



≈ **DIN 371/376**

**Form C/35° RSP**

**HSS-E**

**BSW**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
≈ <b>DIN 371</b>					
BSW 1/8 x 40	56	7	3.5	2.7	70706
BSW 5/32 x 32	63	7	4.5	3.4	70708
BSW 3/16 x 24	70	10	6.0	4.9	70710
BSW 1/4 x 20	80	13	7.0	5.5	70714
BSW 5/16 x 18	90	14	8.0	6.2	70716
BSW 3/8 x 16	100	16	9.0	7.0	70718
BSW 7/16 x 14	100	17	11.0	9.0	70720
BSW 1/2 x 12	110	20	12.0	9.0	70722
≈ <b>DIN 376</b>					
BSW 1/4 x 20	80	13	4.5	3.4	71714
BSW 5/16 x 18	90	14	6.0	4.9	71716
BSW 3/8 x 16	100	16	7.0	5.5	71718
BSW 7/16 x 14	100	17	8.0	6.2	71720
BSW 1/2 x 12	110	20	9.0	7.0	71722
BSW 9/16 x 12	110	20	11.0	9.0	71724
BSW 5/8 x 11	110	22	12.0	9.0	71726
BSW 3/4 x 10	125	25	14.0	11.0	71730
BSW 7/8 x 9	140	27	18.0	14.5	71734
BSW 1" x 8	160	30	20.0	16.0	71738
BSW 1.1/4 x 7	180	35	22.0	18.0	71746
BSW 1.3/8 x 6	200	40	28.0	22.0	71750
BSW 1.1/2 x 6	200	40	32.0	24.0	71754

**Application:**

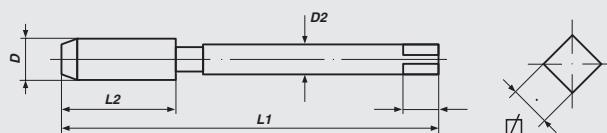
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔







## Machine Taps

Unified Coarse thread ANSI B 1.1

## 机用丝锥

统一制粗牙螺纹 ANSI B 1.1

DIN 371

DIN 376



≈ DIN 371/376

Form B

HSS-E

Tol. 2B

**UNC**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
≈ DIN 371					
UNC No. 4 x 40	50	10	3.5	2.7	74504
UNC No. 5 x 40	56	11	3.5	2.7	74505
UNC No. 6 x 32	56	12	4.0	3.0	74506
UNC No. 8 x 32	63	13	4.5	3.4	74508
UNC No. 10 x 24	70	15	6.0	4.9	74510
UNC No. 12 x 24	70	16	6.0	4.9	74512
UNC 1/4 x 20	80	17	7.0	5.5	74514
UNC 5/16 x 18	90	20	8.0	6.2	74516
UNC 3/8 x 16	100	22	9.0	7.0	74518
≈ DIN 376					
UNC No. 4 x 40	50	10	1.8	-	75504
UNC No. 5 x 40	56	11	2.2	1.8	75505
UNC No. 6 x 32	56	12	2.5	2.1	75506
UNC No. 8 x 32	63	13	2.8	2.1	75508
UNC No. 10 x 24	70	15	3.5	2.7	75510
UNC No. 12 x 24	70	16	3.5	2.7	75512
UNC 1/4 x 20	80	17	4.5	3.4	75514
UNC 5/16 x 18	90	20	6.0	4.9	75516
UNC 3/8 x 16	100	22	7.0	5.5	75518
UNC 7/16 x 14	100	22	8.0	6.2	75520
UNC 1/2 x 13	110	25	9.0	7.0	75522
UNC 9/16 x 12	110	26	11.0	9.0	75524
UNC 5/8 x 11	110	27	12.0	9.0	75526
UNC 3/4 x 10	125	30	14.0	11.0	75530
UNC 7/8 x 9	140	32	18.0	14.5	75534
UNC 1" x 8	160	36	20.0	16.0	75538
UNC 1.1/4 x 7	180	40	22.0	18.0	75546
UNC 1.1/2 x 6	200	50	32.0	24.0	75554
UNC 1.3/4 x 5	220	65	36.0	29.0	75562
UNC 2" x 4.1/2	250	70	40.0	32.0	75570

### Application:

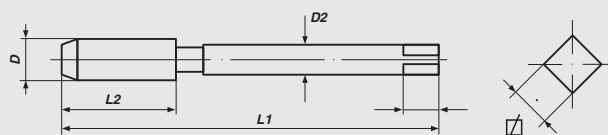
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps

Unified Coarse thread ANSI B 1.1

## 机用丝锥

统一制粗牙螺纹 ANSI B 1.1



≈ **DIN 371/376**

**Form C/35° RSP**

**HSS-E**

**Tol. 2B**

**UNC**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
≈ <b>DIN 371</b>					
UNC No. 4 x 40	50	6	3.5	2.7	74704
UNC No. 5 x 40	56	7	3.5	2.7	74705
UNC No. 6 x 32	56	7	4.0	3.0	74706
UNC No. 8 x 32	63	8	4.5	3.4	74708
UNC No. 10 x 24	70	10	6.0	4.9	74710
UNC No. 12 x 24	70	10	6.0	4.9	74712
UNC 1/4 x 20	80	13	7.0	5.5	74714
UNC 5/16 x 18	90	14	8.0	6.2	74716
UNC 3/8 x 16	100	16	9.0	7.0	74718
≈ <b>DIN 376</b>					
UNC No. 4 x 40	50	6	1.8	-	75704
UNC No. 5 x 40	56	7	2.2	1.8	75705
UNC No. 6 x 32	56	7	2.5	2.1	75706
UNC No. 8 x 32	63	8	2.8	2.1	75708
UNC No. 10 x 24	70	10	3.5	2.7	75710
UNC No. 12 x 24	70	10	3.5	2.7	75712
UNC 1/4 x 20	80	13	4.5	3.4	75714
UNC 5/16 x 18	90	14	6.0	4.9	75716
UNC 3/8 x 16	100	16	7.0	5.5	75718
UNC 7/16 x 14	100	17	8.0	6.2	75720
UNC 1/2 x 13	110	20	9.0	7.0	75722
UNC 9/16 x 12	110	20	11.0	9.0	75724
UNC 5/8 x 11	110	22	12.0	9.0	75726
UNC 3/4 x 10	125	25	14.0	11.0	75730
UNC 7/8 x 9	140	27	18.0	14.5	75734
UNC 1" x 8	160	30	20.0	16.0	75738
UNC 1.1/4 x 7	180	35	22.0	18.0	75746
UNC 1.1/2 x 6	200	40	32.0	24.0	75754
UNC 1.3/4 x 5	220	45	36.0	29.0	75762
UNC 2" x 4.1/2	250	50	40.0	32.0	75770

### Application:

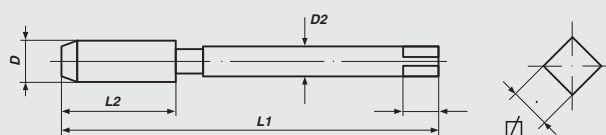
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔





## Machine Taps

Unified Fine thread ANSI B 1.1

## 机用丝锥

统一制细牙螺纹 ANSI B 1.1

DIN 371

DIN 376



≈ DIN 371/376

Form B

HSS-E

Tol. 2B

**UNF**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
≈ DIN 371					
UNF No. 4 x 48	50	10	3.5	2.7	76504
UNF No. 5 x 44	56	11	3.5	2.7	76505
UNF No. 6 x 40	56	12	4.0	3.0	76506
UNF No. 8 x 36	63	13	4.5	3.4	76508
UNF No. 10 x 32	70	15	6.0	4.9	76510
UNF No. 12 x 28	70	16	6.0	4.9	76512
UNF 1/4 x 28	80	17	7.0	5.5	76514
UNF 5/16 x 24	90	17	8.0	6.2	76516
UNF 3/8 x 24	100	18	9.0	7.0	76518
≈ DIN 376					
UNF 7/16 x 20	100	22	8.0	6.2	77520
UNF 1/2 x 20	100	22	9.0	7.0	77522
UNF 9/16 x 18	100	22	11.0	9.0	77524
UNF 5/8 x 18	100	22	12.0	9.0	77526
UNF 3/4 x 16	110	25	14.0	11.0	77530
UNF 7/8 x 14	140	26	18.0	14.5	77534
UNF 1" x 14	150	28	20.0	16.0	77540
UNF 1" x 12	150	28	20.0	16.0	77538
UNF 1.1/4 x 12	150	30	22.0	18.0	77546
UNF 1.1/2 x 12	170	33	32.0	24.0	77554

### Application:

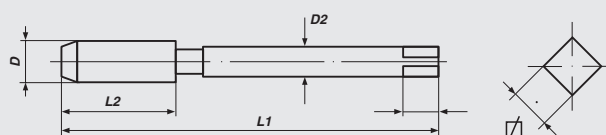
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps

Unified Fine thread ANSI B 1.1

## 机用丝锥

统一制细牙螺纹 ANSI B 1.1

DIN 371

DIN 376



≈ DIN 371/376

Form C/35° RSP

HSS-E

Tol. 2B

**UNF**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
≈ DIN 371					
UNF No. 4 x 48	50	6	3.5	2.7	76704
UNF No. 5 x 44	56	7	3.5	2.7	76705
UNF No. 6 x 40	56	7	4.0	3.0	76706
UNF No. 8 x 36	63	8	4.5	3.4	76708
UNF No. 10 x 32	70	10	6.0	4.9	76710
UNF No. 12 x 28	70	10	6.0	4.9	76712
UNF 1/4 x 28	80	10	7.0	5.5	76714
UNF 5/16 x 24	90	10	8.0	6.2	76716
UNF 3/8 x 24	100	10	9.0	7.0	76718
≈ DIN 376					
UNF 7/16 x 20	100	13	8.0	6.2	77720
UNF 1/2 x 20	100	13	9.0	7.0	77722
UNF 9/16 x 18	100	15	11.0	9.0	77724
UNF 5/8 x 18	100	15	12.0	9.0	77726
UNF 3/4 x 16	110	17	14.0	11.0	77730
UNF 7/8 x 14	140	17	18.0	14.5	77734
UNF 1" x 14	150	20	20.0	16.0	77740
UNF 1" x 12	150	20	20.0	16.0	77738
UNF 1.1/4 x 12	150	22	22.0	18.0	77746
UNF 1.1/2 x 12	170	25	32.0	24.0	77754

### Application:

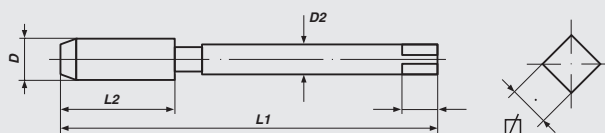
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

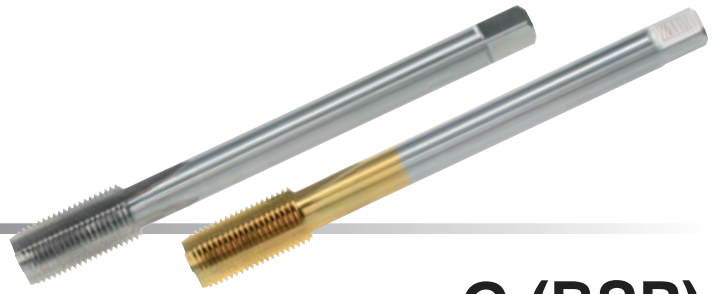
- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔





**Machine Taps**  
Pipe-thread DIN ISO 228

**机用丝锥**  
管螺纹 DIN ISO 228



**DIN 5156 Form C HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
G 1/8 x 28	90	20	7.0	5.5	78412
G 1/4 x 19	100	22	11.0	9.0	78414
G 3/8 x 19	100	22	12.0	9.0	78416
G 1/2 x 14	125	25	16.0	12.0	78418
G 5/8 x 14	125	25	18.0	14.5	78420
G 3/4 x 14	140	28	20.0	16.0	78422
G 7/8 x 14	150	28	22.0	18.0	78424
G 1" x 11	160	30	25.0	20.0	78426
G 1.1/8 x 11	170	30	28.0	22.0	78430
G 1.1/4 x 11	170	30	32.0	24.0	78434
G 1.3/8 x 11	180	32	36.0	29.0	78438
G 1.1/2 x 11	190	32	36.0	29.0	78442
G 1.3/4 x 11	190	32	40.0	32.0	78450
G 2" x 11	220	40	45.0	35.0	78454

**TIN**

G 1/8 x 28	90	20	7.0	5.5	78413
G 1/4 x 19	100	22	11.0	9.0	78415
G 3/8 x 19	100	22	12.0	9.0	78417
G 1/2 x 14	125	25	16.0	12.0	78419
G 3/4 x 14	140	28	20.0	16.0	78423
G 1" x 11	160	30	25.0	20.0	78427

**Application:  
for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**TIN-coating:**

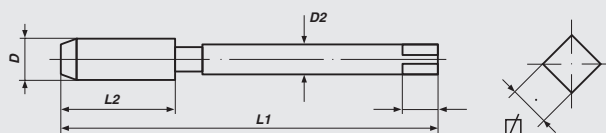
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

**应用:  
通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔

**TIN涂层:**

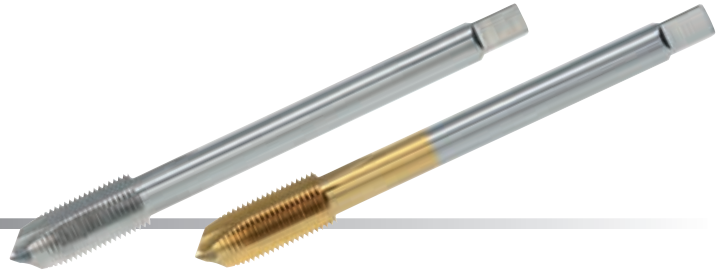
- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





**Machine Taps**  
Pipe-thread DIN ISO 228

**机用丝锥**  
管螺纹 DIN ISO 228



**DIN 5156 Form B HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
G 1/8 x 28	90	20	7.0	5.5	78512
G 1/4 x 19	100	22	11.0	9.0	78514
G 3/8 x 19	100	22	12.0	9.0	78516
G 1/2 x 14	125	25	16.0	12.0	78518
G 5/8 x 14	125	25	18.0	14.5	78520
G 3/4 x 14	140	28	20.0	16.0	78522
G 7/8 x 14	150	28	22.0	18.0	78524
G 1" x 11	160	30	25.0	20.0	78526
G 1.1/8 x 11	170	30	28.0	22.0	78530
G 1.1/4 x 11	170	30	32.0	24.0	78534
G 1.3/8 x 11	180	32	36.0	29.0	78538
G 1.1/2 x 11	190	32	36.0	29.0	78542
G 1.3/4 x 11	190	32	40.0	32.0	78550
G 2" x 11	220	40	45.0	35.0	78554

**TIN**

G 1/8 x 28	90	20	7.0	5.5	78513
G 1/4 x 19	100	22	11.0	9.0	78515
G 3/8 x 19	100	22	12.0	9.0	78517
G 1/2 x 14	125	25	16.0	12.0	78519
G 3/4 x 14	140	28	20.0	16.0	78523
G 1" x 11	160	30	25.0	20.0	78527

**Application:  
for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

**TIN-coating:**

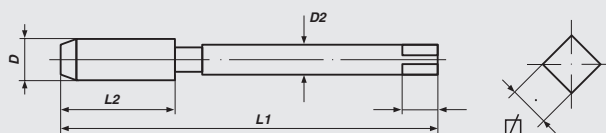
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

**应用:  
通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔

**TIN涂层:**

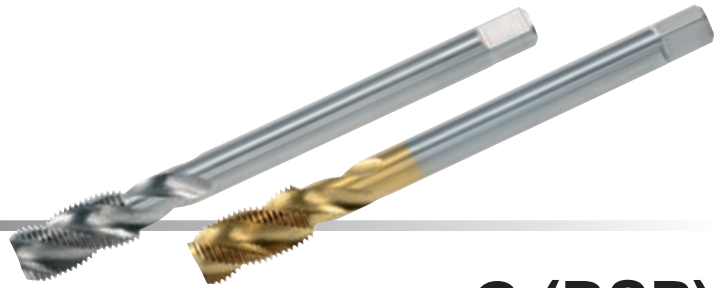
- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





**Machine Taps**  
Pipe-thread DIN ISO 228

**机用丝锥**  
管螺纹 DIN ISO 228



**DIN 5156 Form C/35° RSP**

**HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
G 1/8 x 28	90	20	7.0	5.5	78712
G 1/4 x 19	100	22	11.0	9.0	78714
G 3/8 x 19	100	22	12.0	9.0	78716
G 1/2 x 14	125	25	16.0	12.0	78718
G 5/8 x 14	125	25	18.0	14.5	78720
G 3/4 x 14	140	28	20.0	16.0	78722
G 7/8 x 14	150	28	22.0	18.0	78724
G 1" x 11	160	30	25.0	20.0	78726
G 1.1/8 x 11	170	30	28.0	22.0	78730
G 1.1/4 x 11	170	30	32.0	24.0	78734
G 1.3/8 x 11	180	32	36.0	29.0	78738
G 1.1/2 x 11	190	32	36.0	29.0	78742
G 1.3/4 x 11	190	32	40.0	32.0	78750
G 2" x 11	220	40	45.0	35.0	78754

**TIN**

G 1/8 x 28	90	20	7.0	5.5	78713
G 1/4 x 19	100	22	11.0	9.0	78715
G 3/8 x 19	100	22	12.0	9.0	78717
G 1/2 x 14	125	25	16.0	12.0	78719
G 3/4 x 14	140	28	20.0	16.0	78723
G 1" x 11	160	30	25.0	20.0	78727

**Application:  
for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

**TIN-coating:**

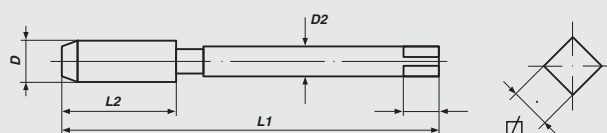
- improved resistance to wear and abrasion
- excellent anti-friction properties
- faster cutting speeds possible

**应用:  
通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔

**TIN涂层:**

- 提高耐磨性
- 优异的抗摩擦性能
- 更快的切削速度





## Machine Taps

tapered pipe thread, taper 1:16, con. 55°

## 机用丝锥

锥管螺纹, 锥度1:16, 牙型角55°



**DIN 5156**

**Form C**

**HSS-E**

**Rc (BSPT)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
Rc 1/8 x 28	90	20	7.0	5.5	73404
Rc 1/4 x 19	100	22	11.0	9.0	73406
Rc 3/8 x 19	100	22	12.0	9.0	73408
Rc 1/2 x 14	125	28	16.0	12.0	73410
Rc 3/4 x 14	140	28	20.0	16.0	73412
Rc 1" x 11	160	38	25.0	20.0	73414

### Application:

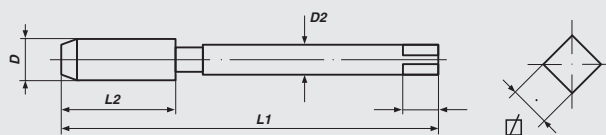
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔







## Machine Taps

american tapered pipe thread, taper 1:16

## 机用丝锥

美制锥管螺纹, 锥度1:16



Form C

HSS-E

NPT

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
NPT 1/16 x 27	90	20	6.0	4.9	73432
NPT 1/8 x 27	90	20	7.0	5.5	73434
NPT 1/4 x 18	100	22	11.0	9.0	73436
NPT 3/8 x 18	100	22	12.0	9.0	73438
NPT 1/2 x 14	125	28	16.0	12.0	73440
NPT 3/4 x 14	140	28	20.0	16.0	73442
NPT 1" x 11.5	160	38	25.0	20.0	73444

### Application:

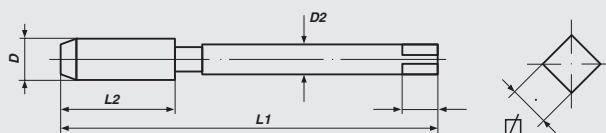
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### 应用:

#### 通用

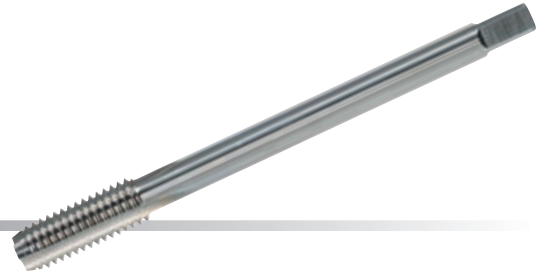
- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





**Machine Taps**  
Knuckle thread DIN 405

**机用丝锥**  
圆螺纹DIN 405



**DIN 374**

**Form C**

**HSS-E**

**Tol. 7H**

**Rd**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
Rd 8 x 1/10	90	26	6.0	4.9	79440
Rd 9 x 1/10	90	26	7.0	5.5	79441
Rd 10 x 1/10	100	28	7.0	5.5	79442
Rd 11 x 1/10	100	28	8.0	6.2	79443
Rd 12 x 1/10	110	28	9.0	7.0	79444
Rd 14 x 1/8	110	32	11.0	9.0	79445
Rd 16 x 1/8	110	32	12.0	9.0	79446
Rd 18 x 1/8	125	32	14.0	11.0	79447
Rd 20 x 1/8	140	32	16.0	12.0	79448
Rd 22 x 1/8	140	32	18.0	14.5	79449
Rd 24 x 1/8	160	34	18.0	14.5	79450
Rd 26 x 1/8	160	36	20.0	16.0	79451
Rd 28 x 1/8	160	36	20.0	16.0	79452
Rd 30 x 1/8	180	36	22.0	18.0	79453
Rd 32 x 1/8	180	36	25.0	20.0	79454
Rd 34 x 1/8	200	36	28.0	22.0	79455
Rd 36 x 1/8	200	36	28.0	22.0	79456
Rd 38 x 1/8	200	38	28.0	22.0	79457
Rd 40 x 1/6	200	50	32.0	24.0	79458
Rd 42 x 1/6	200	50	32.0	24.0	79459
Rd 44 x 1/6	200	50	36.0	29.0	79460

**Application:**

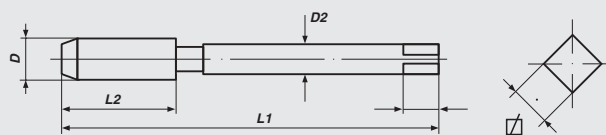
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





**Machine Taps**  
Cycle thread DIN 79012

**机用丝锥**  
自行车螺纹DIN 79012



**DIN 374**

**Form C**

**HSS-E**

**Tol. medium**

**FG**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
FG 2 x 56	45	8	2.8	2.1	79401
FG 2.3 x 56	45	8	2.8	2.1	79402
FG 2.6 x 56	56	8	3.5	2.7	79403
FG 6.35 x 26	80	14	7.0	5.5	79404
FG 7.9 x 26	90	16	8.0	6.2	79405
FG 9.5 x 26	90	16	7.0	5.5	79406
FG 14.3 x 20	100	22	11.0	9.0	79407
FG 14.3 x 20 - LH	100	22	11.0	9.0	79408
FG 25.4 x 24	140	24	18.0	14.5	79409

**Application:**

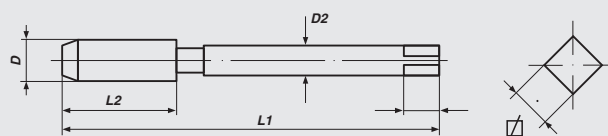
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





**Machine Taps**  
Cycle thread BS 811

**机用丝锥**  
自行车螺纹BS 811



**DIN 374      Form C      HSS-E      Tol. medium      BSC**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
BSC 1/4 x 26	80	14	7.0	5.5	79420
BSC 5/16 x 26	90	16	8.0	6.2	79421
BSC 3/8 x 26	90	16	7.0	5.5	79422
BSC 9/16 x 20	100	22	11.0	9.0	79423
BSC 9/16 x 20 - LH	100	22	11.0	9.0	79424
BSC 1" x 24	140	24	18.0	14.5	79425



**Application:**

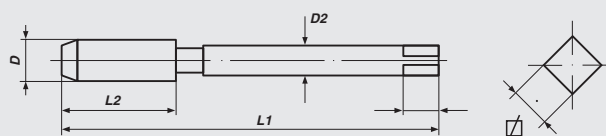
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





## Machine Taps

Valve thread DIN 7756

## 机用丝锥

阀门螺纹DIN 7756



**DIN 374**

**Form C**

**HSS-E**

**Tol. medium**

**Vg**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
Vg 5 x 36	70	12	6.0	4.9	79430
Vg 5.2 x 24	80	17	6.0	4.9	79431
Vg 6 x 32	80	14	7.0	5.5	79432
Vg 8 x 32	80	16	8.0	6.2	79433
Vg 10 x 28	90	18	8.0	6.2	79434
Vg 12 x 26	100	22	9.0	7.0	79435

### Application:

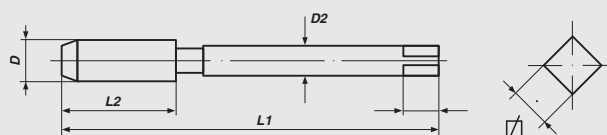
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





## Machine Taps, *Left Hand*

metric ISO-thread DIN 13

## 机用丝锥, *左旋*

公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form C**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 3 x 0.5	56	11	3.5	2.7	33426
M 4 x 0.7	63	13	4.5	3.4	33430
M 5 x 0.8	70	16	6.0	4.9	33434
M 6 x 1.0	80	19	6.0	4.9	33438
M 8 x 1.25	90	22	8.0	6.2	33442
M 10 x 1.5	100	24	10.0	8.0	33446
<b>DIN 376</b>					
M 12 x 1.75	110	29	9.0	7.0	34450
M 14 x 2.0	110	30	11.0	9.0	34454
M 16 x 2.0	110	32	12.0	9.0	34458
M 18 x 2.5	125	34	14.0	11.0	34462
M 20 x 2.5	140	34	16.0	12.0	34466
M 22 x 2.5	140	34	18.0	14.5	34470
M 24 x 3.0	160	38	18.0	14.5	34474

### Application:

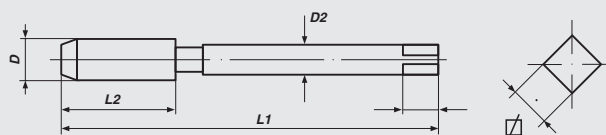
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





## Machine Taps, *Left Hand*

metric ISO-thread DIN 13

## 机用丝锥, *左旋*

公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376 Form B**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 3 x 0.5	56	11	3.5	2.7	33526
M 4 x 0.7	63	13	4.5	3.4	33530
M 5 x 0.8	70	16	6.0	4.9	33534
M 6 x 1.0	80	19	6.0	4.9	33538
M 7 x 1.0	80	19	7.0	5.5	33540
M 8 x 1.25	90	22	8.0	6.2	33542
M 10 x 1.5	100	24	10.0	8.0	33546
<b>DIN 376</b>					
M 3 x 0.5	56	11	2.2	—	34526
M 4 x 0.7	63	13	2.8	2.1	34530
M 5 x 0.8	70	16	3.5	2.7	34534
M 6 x 1.0	80	19	4.5	3.4	34538
M 8 x 1.25	90	22	6.0	4.9	34542
M 10 x 1.5	100	24	7.0	5.5	34546
M 12 x 1.75	110	29	9.0	7.0	34550
M 14 x 2.0	110	30	11.0	9.0	34554
M 16 x 2.0	110	32	12.0	9.0	34558
M 18 x 2.5	125	34	14.0	11.0	34562
M 20 x 2.5	140	34	16.0	12.0	34566
M 22 x 2.5	140	34	18.0	14.5	34570
M 24 x 3.0	160	38	18.0	14.5	34574
M 27 x 3.0	160	38	20.0	16.0	34576
M 30 x 3.5	180	45	22.0	18.0	34578
M 33 x 3.5	180	50	25.0	20.0	34580
M 36 x 4.0	200	56	28.0	22.0	34582
M 39 x 4.0	200	60	32.0	24.0	34584
M 42 x 4.5	200	60	32.0	24.0	34586
M 45 x 4.5	220	65	36.0	29.0	34588
M 48 x 5.0	250	70	36.0	29.0	34590
M 52 x 5.0	250	70	40.0	32.0	34592

### Application:

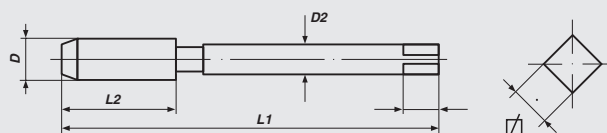
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps, *Left Hand*

metric ISO-thread DIN 13

## 机用丝锥, *左旋*

公制ISO螺纹 DIN 13

DIN 371

DIN 376



**DIN 371/376**

**Form C/35°SP**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
<b>DIN 371</b>					
M 3 x 0.5	56	6	3.5	2.7	33726
M 4 x 0.7	63	7	4.5	3.4	33730
M 5 x 0.8	70	8	6.0	4.9	33734
M 6 x 1.0	80	10	6.0	4.9	33738
M 8 x 1.25	90	14	8.0	6.2	33742
M 10 x 1.5	100	16	10.0	8.0	33746
<b>DIN 376</b>					
M 3 x 0.5	56	6	2.2	—	34726
M 4 x 0.7	63	7	2.8	2.1	34730
M 5 x 0.8	70	8	3.5	2.7	34734
M 6 x 1.0	80	10	4.5	3.4	34738
M 8 x 1.25	90	14	6.0	4.9	34742
M 10 x 1.5	100	16	7.0	5.5	34746
M 12 x 1.75	110	18	9.0	7.0	34750
M 14 x 2.0	110	20	11.0	9.0	34754
M 16 x 2.0	110	22	12.0	9.0	34758
M 18 x 2.5	125	25	14.0	11.0	34762
M 20 x 2.5	140	25	16.0	12.0	34766
M 22 x 2.5	140	27	18.0	14.5	34770
M 24 x 3.0	160	30	18.0	14.5	34774
M 27 x 3.0	160	30	20.0	16.0	34776
M 30 x 3.5	180	35	22.0	18.0	34778
M 33 x 3.5	180	35	25.0	20.0	34780
M 36 x 4.0	200	40	28.0	22.0	34782
M 39 x 4.0	200	40	32.0	24.0	34784
M 42 x 4.5	200	45	32.0	24.0	34786
M 45 x 4.5	220	45	36.0	29.0	34788
M 48 x 5.0	250	50	36.0	29.0	34790
M 52 x 5.0	250	50	40.0	32.0	34792

### Application:

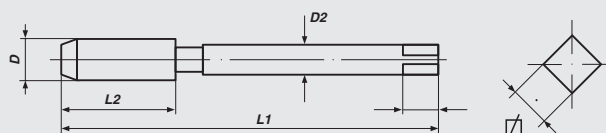
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔







## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## 机用丝锥, *左旋*

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.35	56	9	2.2	-	34801
M 4 x 0.35	63	10	2.8	2.1	34802
M 4 x 0.5	63	10	2.8	2.1	34803
M 5 x 0.5	70	12	3.5	2.7	34804
M 5 x 0.75	70	12	3.5	2.7	34805
M 6 x 0.5	80	14	4.5	3.4	34806
M 6 x 0.75	80	14	4.5	3.4	34807
M 7 x 0.75	80	14	5.5	4.3	34808
M 8 x 0.5	80	19	6.0	4.9	34809
M 8 x 0.75	80	19	6.0	4.9	34810
M 8 x 1.0	90	22	6.0	4.9	34811
M 9 x 0.75	80	19	7.0	5.5	34812
M 9 x 1.0	90	22	7.0	5.5	34813
M 10 x 0.75	90	20	7.0	5.5	34814
M 10 x 1.0	90	20	7.0	5.5	34815
M 10 x 1.25	100	24	7.0	5.5	34816
M 11 x 1.0	90	20	8.0	6.2	34817
M 11 x 1.25	90	22	8.0	6.2	34818
M 12 x 0.75	100	22	9.0	7.0	34819
M 12 x 1.0	100	22	9.0	7.0	34820
M 12 x 1.25	100	22	9.0	7.0	34821
M 12 x 1.5	100	22	9.0	7.0	34822
M 13 x 1.0	100	22	11.0	9.0	34823
M 13 x 1.5	100	22	11.0	9.0	34824
M 14 x 0.75	100	22	11.0	9.0	34825
M 14 x 1.0	100	22	11.0	9.0	34826
M 14 x 1.25	100	22	11.0	9.0	34827
M 14 x 1.5	100	22	11.0	9.0	34828
M 15 x 1.0	100	22	12.0	9.0	34829
M 15 x 1.5	100	22	12.0	9.0	34830
M 16 x 1.0	100	22	12.0	9.0	34831
M 16 x 1.25	100	22	12.0	9.0	34832
M 16 x 1.5	100	22	12.0	9.0	34833
M 18 x 1.0	110	25	14.0	11.0	34834
M 18 x 1.25	110	25	14.0	11.0	34835
M 18 x 1.5	110	25	14.0	11.0	34836
M 18 x 2.0	125	34	14.0	11.0	34837



### Application:

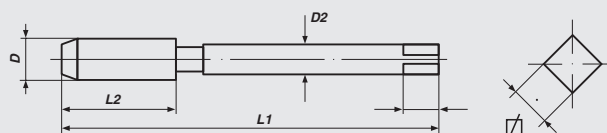
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## 机用丝锥, *左旋*

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 20 x 1.0	125	25	16.0	12.0	34838
M 20 x 1.25	125	25	16.0	12.0	34839
M 20 x 1.5	125	25	16.0	12.0	34840
M 20 x 2.0	140	34	16.0	12.0	34841
M 21 x 1.5	125	25	16.0	12.0	34842
M 22 x 1.0	125	25	18.0	14.5	34843
M 22 x 1.25	125	25	18.0	14.5	34844
M 22 x 1.5	125	25	18.0	14.5	34845
M 22 x 2.0	140	34	18.0	14.5	34846
M 23 x 1.5	125	25	18.0	14.5	34847
M 24 x 1.0	140	28	18.0	14.5	34848
M 24 x 1.25	140	28	18.0	14.5	34849
M 24 x 1.5	140	28	18.0	14.5	34850
M 24 x 2.0	140	28	18.0	14.5	34851
M 25 x 1.0	140	28	18.0	14.5	34852
M 25 x 1.5	140	28	18.0	14.5	34853
M 26 x 1.0	140	28	18.0	14.5	3485X
M 26 x 1.5	140	28	18.0	14.5	34854
M 26 x 2.0	140	28	18.0	14.5	34855
M 27 x 1.0	140	28	20.0	16.0	34800
M 27 x 1.5	140	28	20.0	16.0	34856
M 27 x 2.0	140	28	20.0	16.0	34857
M 28 x 1.0	140	28	20.0	16.0	34858
M 28 x 1.5	140	28	20.0	16.0	34859
M 28 x 2.0	140	28	20.0	16.0	34860
M 29 x 1.5	150	28	22.0	18.0	34861
M 30 x 1.0	150	28	22.0	18.0	34862
M 30 x 1.5	150	28	22.0	18.0	34863
M 30 x 2.0	150	28	22.0	18.0	34864
M 30 x 2.5	180	45	22.0	18.0	3486X
M 30 x 3.0	180	45	22.0	18.0	34865
M 32 x 1.5	150	28	22.0	18.0	34866
M 32 x 2.0	150	28	22.0	18.0	34867
M 32 x 3.0	180	50	22.0	18.0	34892
M 33 x 1.5	160	30	25.0	20.0	34893
M 33 x 2.0	160	30	25.0	20.0	34868
M 33 x 3.0	180	50	25.0	20.0	34869



### Application:

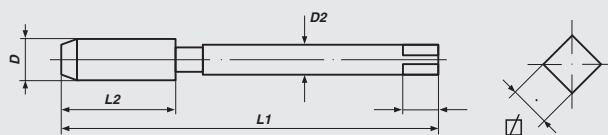
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## 机用丝锥, *左旋*

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form B**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 34 x 1.5	170	30	28.0	22.0	34870
M 34 x 2.0	170	30	28.0	22.0	34871
M 35 x 1.5	170	30	28.0	22.0	34872
M 36 x 1.5	170	30	28.0	22.0	34873
M 36 x 2.0	170	30	28.0	22.0	34874
M 36 x 3.0	200	56	28.0	22.0	34875
M 38 x 1.5	170	30	28.0	22.0	34876
M 39 x 1.5	170	30	32.0	24.0	34877
M 39 x 2.0	170	30	32.0	24.0	34878
M 39 x 3.0	200	60	32.0	24.0	34879
M 40 x 1.5	170	30	32.0	24.0	34880
M 40 x 2.0	170	30	32.0	24.0	34881
M 40 x 3.0	200	60	32.0	24.0	34882
M 42 x 1.5	170	30	32.0	24.0	34883
M 42 x 2.0	170	30	32.0	24.0	34884
M 42 x 3.0	200	60	32.0	24.0	34885
M 45 x 1.5	180	32	36.0	29.0	34886
M 45 x 2.0	180	32	36.0	29.0	34887
M 45 x 3.0	200	50	36.0	29.0	34888
M 48 x 1.5	190	32	36.0	29.0	34889
M 48 x 2.0	190	32	36.0	29.0	34890
M 48 x 3.0	225	50	36.0	29.0	34891
M 50 x 1.5	190	32	36.0	29.0	34894
M 50 x 2.0	190	32	36.0	29.0	34895
M 50 x 3.0	225	50	36.0	29.0	34896
M 52 x 1.5	190	32	40.0	32.0	34897
M 52 x 2.0	190	32	40.0	32.0	34898
M 52 x 3.0	225	50	40.0	32.0	34899

### Application:

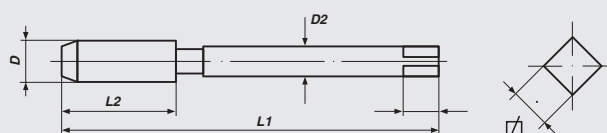
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## 机用丝锥, *左旋*

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C/35° SP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.35	56	5	2.2	-	34901
M 4 x 0.35	63	5	2.8	2.1	34902
M 4 x 0.5	63	5	2.8	2.1	34903
M 5 x 0.5	70	5	3.5	2.7	34904
M 5 x 0.75	70	8	3.5	2.7	34905
M 6 x 0.5	80	5	4.5	3.4	34906
M 6 x 0.75	80	8	4.5	3.4	34907
M 7 x 0.75	80	8	5.5	4.3	34908
M 8 x 0.5	80	8	6.0	4.9	34909
M 8 x 0.75	80	8	6.0	4.9	34910
M 8 x 1.0	90	10	6.0	4.9	34911
M 9 x 0.75	80	10	7.0	5.5	34912
M 9 x 1.0	90	10	7.0	5.5	34913
M 10 x 0.75	90	10	7.0	5.5	34914
M 10 x 1.0	90	10	7.0	5.5	34915
M 10 x 1.25	100	16	7.0	5.5	34916
M 11 x 1.0	90	11	8.0	6.2	34917
M 11 x 1.25	90	14	8.0	6.2	34918
M 12 x 0.75	100	10	9.0	7.0	34919
M 12 x 1.0	100	11	9.0	7.0	34920
M 12 x 1.25	100	15	9.0	7.0	34921
M 12 x 1.5	100	15	9.0	7.0	34922
M 13 x 1.0	100	11	11.0	9.0	34923
M 13 x 1.5	100	15	11.0	9.0	34924
M 14 x 0.75	100	10	11.0	9.0	34925
M 14 x 1.0	100	11	11.0	9.0	34926
M 14 x 1.25	100	15	11.0	9.0	34927
M 14 x 1.5	100	15	11.0	9.0	34928
M 15 x 1.0	100	12	12.0	9.0	34929
M 15 x 1.5	100	15	12.0	9.0	34930
M 16 x 1.0	100	12	12.0	9.0	34931
M 16 x 1.25	100	15	12.0	9.0	34932
M 16 x 1.5	100	15	12.0	9.0	34933
M 18 x 1.0	110	13	14.0	11.0	34934
M 18 x 1.25	110	15	14.0	11.0	34935
M 18 x 1.5	110	17	14.0	11.0	34936
M 18 x 2.0	125	20	14.0	11.0	34937



### Application:

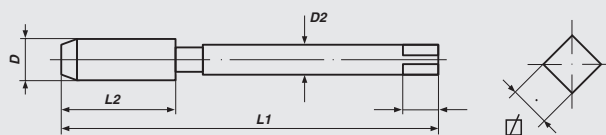
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔



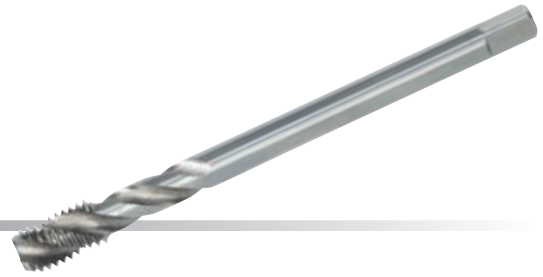


## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## 机用丝锥, *左旋*

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C/35° SP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 20 x 1.0	125	14	16.0	12.0	34938
M 20 x 1.25	125	17	16.0	12.0	34939
M 20 x 1.5	125	17	16.0	12.0	34940
M 20 x 2.0	140	20	16.0	12.0	34941
M 21 x 1.5	125	17	16.0	12.0	34942
M 22 x 1.0	125	14	18.0	14.5	34943
M 22 x 1.25	125	17	18.0	14.5	34944
M 22 x 1.5	125	17	18.0	14.5	34945
M 22 x 2.0	140	20	18.0	14.5	34946
M 23 x 1.5	125	17	18.0	14.5	34947
M 24 x 1.0	140	15	18.0	14.5	34948
M 24 x 1.25	140	17	18.0	14.5	34949
M 24 x 1.5	140	20	18.0	14.5	34950
M 24 x 2.0	140	20	18.0	14.5	34951
M 25 x 1.0	140	15	18.0	14.5	34952
M 25 x 1.5	140	20	18.0	14.5	34953
M 26 x 1.0	140	15	18.0	14.5	3495X
M 26 x 1.5	140	20	18.0	14.5	34954
M 26 x 2.0	140	20	18.0	14.5	34955
M 27 x 1.0	140	15	20.0	16.0	34900
M 27 x 1.5	140	20	20.0	16.0	34956
M 27 x 2.0	140	20	20.0	16.0	34957
M 28 x 1.0	140	15	20.0	16.0	34958
M 28 x 1.5	140	20	20.0	16.0	34959
M 28 x 2.0	140	20	20.0	16.0	34960
M 29 x 1.5	150	22	22.0	18.0	34961
M 30 x 1.0	150	17	22.0	18.0	34962
M 30 x 1.5	150	22	22.0	18.0	34963
M 30 x 2.0	150	22	22.0	18.0	34964
M 30 x 2.5	180	27	22.0	18.0	3496X
M 30 x 3.0	180	30	22.0	18.0	34965
M 32 x 1.5	150	22	22.0	18.0	34966
M 32 x 2.0	150	22	22.0	18.0	34967
M 32 x 3.0	180	30	22.0	18.0	34992
M 33 x 1.5	160	24	25.0	20.0	34993
M 33 x 2.0	160	24	25.0	20.0	34968
M 33 x 3.0	180	30	25.0	20.0	34969



### Application:

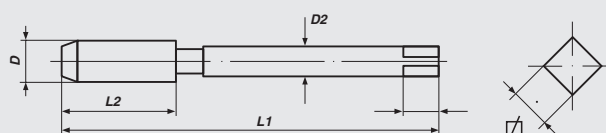
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔





## Machine Taps, *Left Hand*

metric-fine ISO-thread DIN 13

## 机用丝锥, *左旋*

公制细牙ISO螺纹 DIN 13



**DIN 374**

**Form C/35° SP**

**HSS-E**

**Tol. ISO2/6H**

**Mf**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 34 x 1.5	170	24	28.0	22.0	34970
M 34 x 2.0	170	24	28.0	22.0	34971
M 35 x 1.5	170	24	28.0	22.0	34972
M 36 x 1.5	170	24	28.0	22.0	34973
M 36 x 2.0	170	24	28.0	22.0	34974
M 36 x 3.0	200	30	28.0	22.0	34975
M 38 x 1.5	170	24	28.0	22.0	34976
M 39 x 1.5	170	25	32.0	24.0	34977
M 39 x 2.0	170	25	32.0	24.0	34978
M 39 x 3.0	200	30	32.0	24.0	34979
M 40 x 1.5	170	25	32.0	24.0	34980
M 40 x 2.0	170	25	32.0	24.0	34981
M 40 x 3.0	200	30	32.0	24.0	34982
M 42 x 1.5	170	25	32.0	24.0	34983
M 42 x 2.0	170	25	32.0	24.0	34984
M 42 x 3.0	200	30	32.0	24.0	34985
M 45 x 1.5	180	27	36.0	29.0	34986
M 45 x 2.0	180	27	36.0	29.0	34987
M 45 x 3.0	200	30	36.0	29.0	34988
M 48 x 1.5	190	27	36.0	29.0	34989
M 48 x 2.0	190	27	36.0	29.0	34990
M 48 x 3.0	225	33	36.0	29.0	34991
M 50 x 1.5	190	27	36.0	29.0	34994
M 50 x 2.0	190	27	36.0	29.0	34995
M 50 x 3.0	225	33	36.0	29.0	34996
M 52 x 1.5	190	27	40.0	32.0	34997
M 52 x 2.0	190	27	40.0	32.0	34998
M 52 x 3.0	225	33	40.0	32.0	34999

### Application:

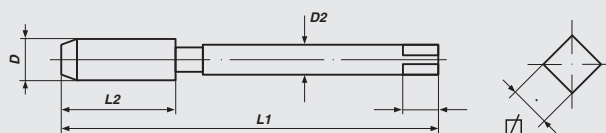
#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for blind holes

### 应用:

#### 通用

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 盲孔





**Machine Taps, *Left Hand***

Pipe-thread DIN ISO 228

**机用丝锥, *左旋***

管螺纹 DIN ISO 228



**DIN 5156**

**Form C**

**HSS-E**

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
G 1/8 x 28	90	20	7.0	5.5	78202
G 1/4 x 19	100	22	11.0	9.0	78203
G 3/8 x 19	100	22	12.0	9.0	78204
G 1/2 x 14	125	25	16.0	12.0	78205
G 5/8 x 14	125	25	18.0	14.5	78206
G 3/4 x 14	140	28	20.0	16.0	78207
G 1" x 11	160	30	25.0	20.0	78209

**Application:**

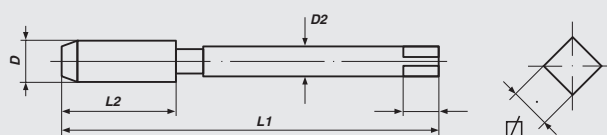
**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for through and blind holes

**应用:**

**通用**

- 抗拉强度小于900N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔





## Combined Machine Tap

metric ISO-thread DIN 13

### 复合机用丝锥

公制ISO螺纹 DIN 13



## HSS-E

## Tol. ISO2/6H

Nominal Diameter L 1	S 1	L 2	D 1	D 2	∅	Art.-No.
D						

<b>M</b>								
M	3 x 0.5	56	16	11	2.5	3.0	2.4	37026
M	4 x 0.7	63	18	14	3.3	4.0	3.0	37030
M	5 x 0.8	71	20	18	4.2	5.0	3.8	37034
M	6 x 1.0	80	22	22	5.0	6.0	4.9	37038
M	8 x 1.25	95	26	25	6.8	8.0	6.2	37042
M	10 x 1.5	106	30	31	8.5	10.0	8.0	37046
M	12 x 1.75	115	32	35	10.2	12.0	9.0	37050

<b>SET</b>			
M	3 - 12	M 3-4-5-6-8-10-12	47837

<b>BSW</b>								
BSW	1/8 x 40	56	16	11	2.6	3.0	2.4	70006
BSW	5/32 x 32	63	18	14	3.2	4.0	3.0	70008
BSW	3/16 x 24	71	20	18	3.7	5.0	3.8	70010
BSW	1/4 x 20	80	22	22	5.1	6.0	4.9	70014
BSW	5/16 x 18	95	26	25	6.5	8.0	6.2	70016
BSW	3/8 x 16	106	30	31	7.9	10.0	8.0	70018
BSW	1/2 x 12	115	32	35	10.5	12.0	9.0	70022

<b>SET</b>			
BSW	1/8 - 1/2	BSW 1/8-5/32-3/16-1/4-5/16-3/8-1/2	47870

#### Application:

The Combined Tap enables the user to produce the tapping drill hole and the through thread in one operation without any tool changing.

The tool incorporates a twist drill before the thread-tapping part. It is possible with this tool to produce through threads up to a maximum threaded depth of 2 x D.

The Combined Tap is suitable for universal use in materials of medium mechanical strength:

non-alloyed and alloyed steel sorts up to 600 N/mm<sup>2</sup>, malleable cast iron, nodulized graphite cast iron, copper, brass, aluminium, aluminium-magnesium and zinc alloys, red bronze, electron metal, pressure-cast zinc.

It is sensible to use this tool on machines possessing an RPM switchover facility for drilling and tapping.

The feed rate must be adapted to the particular operation required - drilling or tapping.

Tapping chucks with pressure compensation may not be used.

#### 应用:

复合丝锥能够提供给使用者不需要更换工具就可以一次完成钻孔和攻丝。

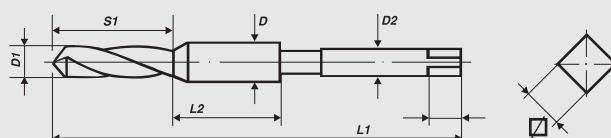
复合丝锥螺纹的前端是钻头，可以进行最大深度为2 x D的攻丝。

复合丝锥适合使用在中等机械性能的材料上：抗拉强度小于600N/mm<sup>2</sup>的非合金钢和合金钢、可锻铸铁、球墨铸铁、紫铜、黄铜、铝合金、铝镁合金、锌合金、青铜、电子金属和压铸锌。

建议在具有转速切换开关的机器上使用。

钻孔和攻丝的进给量要适合具体的生产要求。

不能使用带有压力补偿的攻丝夹头。







**Machine Nut Taps**  
metric ISO-thread DIN 13

**机用螺母丝锥**  
公制ISO螺纹 DIN 13



**DIN 357**

**HSS-E**

**Tol. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.5	70	22	2.2	—	37126
M 4 x 0.7	90	25	2.8	2.1	37130
M 5 x 0.8	100	28	3.5	2.7	37134
M 6 x 1.0	110	32	4.5	3.4	37138
M 8 x 1.25	125	40	6.0	4.9	37142
M 10 x 1.5	140	45	7.0	5.5	37146
M 12 x 1.75	180	50	9.0	7.0	37150
M 14 x 2.0	200	56	11.0	9.0	37154
M 16 x 2.0	200	63	12.0	9.0	37158
M 18 x 2.5	220	63	14.0	11.0	37162
M 20 x 2.5	250	70	16.0	12.0	37166
M 22 x 2.5	280	80	18.0	14.5	37170
M 24 x 3.0	280	80	18.0	14.5	37174

**Application:**

- long reduced shank to allow nuts to run over
- for thread depth up to 1 x D
- ideal for tapping difficult to reach holes
- for through holes

**for general use**

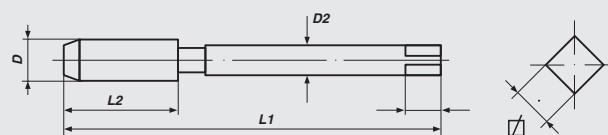
- non abrasive material up to 800 N/mm<sup>2</sup>
- unalloyed and low alloyed steel

**应用:**

- 长细柄可以让螺母通过
- 螺纹深度可达1 x D
- 可以攻难以到达的孔
- 通孔

**通用**

- 抗拉强度小于800N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢





## Machine Nut Taps

piloted, trapezoidal thread DIN 103

## 机用螺母丝锥

带导向, 梯形螺纹 DIN 103



**HSS-G**

**Tol. 7H**

**Tr**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
Tr 10 x 2	110	63	7	5.5	79108
Tr 10 x 3	125	75	7	5.5	79112
Tr 12 x 3	165	111	8	6.2	79116
Tr 14 x 3	140	85	10	8.0	79120
Tr 14 x 4	170	112	10	8.0	79124
Tr 16 x 4	180	116	11	9.0	79128
Tr 18 x 4	190	120	12	9.0	79132
Tr 20 x 4	200	124	14	11.0	79136
Tr 22 x 4	210	130	16	12.0	79139
Tr 22 x 5	235	155	16	12.0	79140
Tr 24 x 5	245	160	18	14.5	79144
Tr 26 x 5	255	165	20	16.0	79148
Tr 28 x 5	265	170	22	18.0	79152
Tr 30 x 6	290	185	22	18.0	79156
Tr 32 x 6	300	191	25	20.0	79160
Tr 36 x 6	310	200	28	22.0	79164

### LEFT HAND THREAD / 左旋

Tr 10 x 2	110	63	7	5.5	79108-L
Tr 10 x 3	125	75	7	5.5	79112-L
Tr 12 x 3	165	111	8	6.2	79116-L
Tr 14 x 3	140	85	10	8.0	79120-L
Tr 14 x 4	170	112	10	8.0	79124-L
Tr 16 x 4	180	116	11	9.0	79128-L
Tr 18 x 4	190	120	12	9.0	79132-L
Tr 20 x 4	200	124	14	11.0	79136-L
Tr 22 x 5	235	155	16	12.0	79140-L
Tr 24 x 5	245	160	18	14.5	79144-L
Tr 26 x 5	255	165	20	16.0	79148-L
Tr 28 x 5	265	170	22	18.0	79152-L
Tr 30 x 6	290	185	22	18.0	79156-L
Tr 32 x 6	300	191	25	20.0	79160-L
Tr 36 x 6	310	200	28	22.0	79164-L

### Application:

#### for general use

- non abrasive material up to 700 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for thread depth up to 1 x D
- for through holes

### 应用:

#### 通用

- 抗拉强度小于700N/mm<sup>2</sup>的非研磨材料
- 非合金钢和低合金钢
- 螺纹深度可达1 x D
- 通孔

