



## Short Machine Taps

metric ISO-thread DIN 13

## 短式机用丝锥

公制ISO螺纹 DIN 13



**DIN 352**

**HSS-E**

**ToI. ISO2/6H**

**M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
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### Spiral Point / 螺尖

M 3 x 0.5	40	11	3.5	2.7	61526
M 4 x 0.7	45	13	4.5	3.4	61530
M 5 x 0.8	48	16	6.0	4.9	61534
M 6 x 1.0	50	19	6.0	4.9	61538
M 8 x 1.25	56	22	6.0	4.9	61542
M 10 x 1.5	70	24	7.0	5.5	61546
M 12 x 1.75	75	29	9.0	7.0	61550
M 14 x 2.0	80	30	11.0	9.0	61554
M 16 x 2.0	80	32	12.0	9.0	61558
M 18 x 2.5	95	40	14.0	11.0	61562
M 20 x 2.5	95	40	16.0	12.0	61566
M 22 x 2.5	100	40	18.0	14.5	61570
M 24 x 3.0	110	50	18.0	14.5	61574

### 35° Spiral Flute / 螺旋槽

M 3 x 0.5	40	11	3.5	2.7	61726
M 4 x 0.7	45	13	4.5	3.4	61730
M 5 x 0.8	48	16	6.0	4.9	61734
M 6 x 1.0	50	19	6.0	4.9	61738
M 8 x 1.25	56	22	6.0	4.9	61742
M 10 x 1.5	70	24	7.0	5.5	61746
M 12 x 1.75	75	29	9.0	7.0	61750

### with interrupted threads / 带跳牙

M 3 x 0.5	40	11	3.5	2.7	61926
M 4 x 0.7	45	13	4.5	3.4	61930
M 5 x 0.8	48	16	6.0	4.9	61934
M 6 x 1.0	50	19	6.0	4.9	61938
M 8 x 1.25	56	22	6.0	4.9	61942
M 10 x 1.5	70	24	7.0	5.5	61946
M 12 x 1.75	75	29	9.0	7.0	61950

#### Application: for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for thread cutting by hand and machine

**Spiral Point:** for through holes

**Spiral Flute:** for blind holes

**Form B-AZ:** for through holes

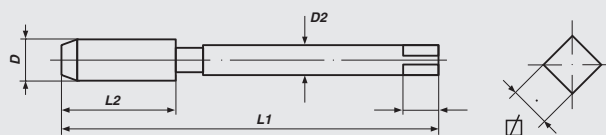
#### 应用: 通用

- 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
- 手用和机用

**螺尖:** 用于通孔

**螺旋槽:** 用于盲孔

**Form B-AZ:** 用于通孔





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

**短式机用丝锥**  
公制细牙ISO螺纹 DIN 13



**DIN 2181      Form D      HSS-G      Tol. ISO2/6H      M**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 6 x 0.75	50	14	6.0	4.9	66318
M 8 x 0.75	50	19	6.0	4.9	66324
M 8 x 1.0	56	22	6.0	4.9	66326
M 9 x 0.75	56	19	7.0	5.5	66328
M 9 x 1.0	63	20	7.0	5.5	66330
M 10 x 0.75	63	20	7.0	5.5	66332
M 10 x 1.0	63	20	7.0	5.5	66336
M 10 x 1.25	70	24	7.0	5.5	66338
M 12 x 1.0	70	22	9.0	7.0	66344
M 12 x 1.25	70	22	9.0	7.0	66346
M 12 x 1.5	70	22	9.0	7.0	66348
M 13 x 1.0	70	22	11.0	9.0	66350
M 13 x 1.5	70	22	11.0	9.0	66351
M 14 x 1.0	70	22	11.0	9.0	66353
M 14 x 1.25	70	22	11.0	9.0	66354
M 14 x 1.5	70	22	11.0	9.0	66356
M 15 x 1.5	70	22	12.0	9.0	66360
M 16 x 1.5	70	22	12.0	9.0	66366
M 18 x 1.0	80	22	14.0	11.0	66370
M 18 x 1.5	80	22	14.0	11.0	66372
M 20 x 1.5	80	22	16.0	12.0	66384
M 20 x 2.0	80	22	16.0	12.0	66386
M 22 x 1.5	80	22	18.0	14.5	66394
M 22 x 2.0	80	22	18.0	14.5	66396
M 24 x 1.5	90	22	18.0	14.5	66504
M 24 x 2.0	90	22	18.0	14.5	66506
M 25 x 1.5	90	22	18.0	14.5	66508
M 26 x 1.5	90	22	18.0	14.5	66512
M 27 x 1.5	90	22	20.0	16.0	66517
M 28 x 1.5	90	22	20.0	16.0	66522
M 30 x 1.5	90	22	22.0	18.0	66530
M 30 x 2.0	90	22	22.0	18.0	66532
M 32 x 1.5	90	22	22.0	18.0	66536

**Application:**

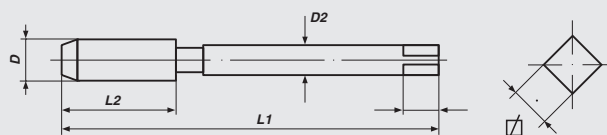
**for general use**

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

**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
- 手用和机用





## Short Machine Taps

Whitworth-thread BS 84

### 短式机用丝锥

惠氏螺纹 BS 84



≈ DIN 352

Form D

HSS-G

**BSW**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
BSW 1/8 x 40	40	12	3.5	2.7	62306
BSW 3/16 x 24	50	18	6.0	4.9	62310
BSW 1/4 x 20	50	19	6.0	4.9	62314
BSW 5/16 x 18	56	22	6.0	4.9	62316
BSW 3/8 x 16	70	24	7.0	5.5	62318
BSW 7/16 x 14	70	24	8.0	6.2	62320
BSW 1/2 x 12	75	29	9.0	7.0	62322
BSW 9/16 x 12	80	30	11.0	9.0	62324
BSW 5/8 x 11	80	32	12.0	9.0	62326
BSW 3/4 x 10	95	40	14.0	11.0	62330
BSW 7/8 x 9	100	40	18.0	14.5	62334
BSW 1" x 8	110	50	18.0	14.5	62338

## Short Machine Taps

tapered Whitworth screw thread for gas cylinders

taper 3:25, DIN 477

### 短式机用丝锥

惠氏锥度煤气瓶螺丝螺纹

锥度: 3:25, DIN 477



≈ DIN 352

Form D

HSS-G

**W**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
W 19,8 x 14	90	32	16	12	62397
W 28,8 x 14	100	40	20	16	62398
W 31,8 x 14	110	40	22	18	62399



## Short Machine Taps

Unified Coarse and Fine thread ANSI B 1.1

## 短式机用丝锥

统一制粗牙和细牙螺纹 ANSI B 1.1



≈ DIN 352

Form D

HSS-G

Tol. 2B

**UNC / UNF**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
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### UNC

UNC 1/4 x 20	50	19	6.0	4.9	63314
UNC 5/16 x 18	56	22	6.0	4.9	63316
UNC 3/8 x 16	70	24	7.0	5.5	63318
UNC 7/16 x 14	70	24	8.0	6.2	63320
UNC 1/2 x 13	75	29	9.0	7.0	63322
UNC 9/16 x 12	80	30	11.0	9.0	63324
UNC 5/8 x 11	80	32	12.0	9.0	63326
UNC 3/4 x 10	95	40	14.0	11.0	63330
UNC 7/8 x 9	100	40	18.0	14.5	63334
UNC 1" x 8	110	50	18.0	14.5	63338

### UNF

UNF 1/4 x 28	50	18	6.0	4.9	64314
UNF 5/16 x 24	56	22	6.0	4.9	64316
UNF 3/8 x 24	63	22	7.0	5.5	64318
UNF 7/16 x 20	63	22	8.0	6.2	64320
UNF 1/2 x 20	75	24	9.0	7.0	64322
UNF 9/16 x 18	80	28	11.0	9.0	64324
UNF 5/8 x 18	80	28	12.0	9.0	64326
UNF 3/4 x 16	95	32	14.0	11.0	64330
UNF 7/8 x 14	100	36	18.0	14.5	64334
UNF 1" x 12	110	40	18.0	14.5	64338

#### Application:

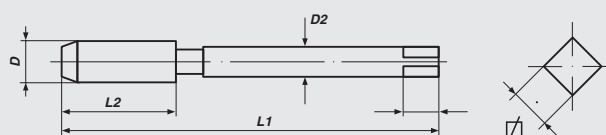
##### for general use

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

#### 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
- 手用和机用





## Short Machine Taps

Pipe-thread DIN ISO 228

## 短式机用丝锥

管螺纹 DIN ISO 228



DIN 5157

Form D

HSS-G

**G (BSP)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
G 1/8 x 28	63	20	7	5.5	65312
G 1/4 x 19	70	22	11	9.0	65314
G 3/8 x 19	70	22	12	9.0	65316
G 1/2 x 14	80	22	16	12.0	65318
G 3/4 x 14	90	22	20	16.0	65322
G 1" x 11	100	25	25	20.0	65326
G 1.1/4 x 11	125	40	32	24.0	65334
G 1.1/2 x 11	140	40	36	29.0	65342
G 1.3/4 x 11	140	40	40	32.0	65350
G 2" x 11	160	40	45	35.0	65354
G 2.1/4 x 11	160	40	50	39.0	65358
G 2.1/2 x 11	160	40	50	39.0	65362
G 2.3/4 x 11	160	40	50	39.0	65366
G 3" x 11	160	40	50	39.0	65370
G 3.1/2 x 11	180	45	56	44.0	65374
G 4" x 11	180	45	56	44.0	65378

### Application:

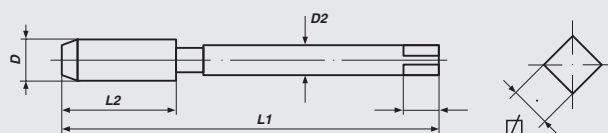
#### for general use

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

### 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
- 手用和机用





## Short Machine Taps

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

## 短式机用丝锥

锥管螺纹, 锥度 1: 16, 牙型角55°



**Form C**

**HSS-G**

**Rc (BSPT)**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
PT 1/8 x 28	65	19.0	7.0	5.5	63712
PT 1/4 x 19	70	25.0	11.0	9.0	63714
PT 3/8 x 19	75	26.0	12.0	9.0	63716
PT 1/2 x 14	80	31.0	16.0	12.0	63718
PT 3/4 x 14	100	33.0	20.0	16.0	63722
PT 1" x 11	110	38.0	25.0	20.0	63726

### Application:

#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for thread cutting by hand and machine

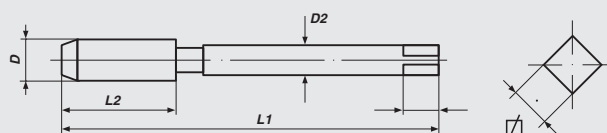
**Form C:** for through and blind holes

### 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
- 手用和机用

**Form C:** 用于通孔和盲孔





**Short Machine Taps**  
armoured tube thread DIN 40 430

**短式机用丝锥**  
装甲管螺纹 DIN 40 430



**DIN 40432**

**Form D**

**HSS-G**

**PG**

Nominal Diameter D	L 1	L 2	D 2	Ø	Art.-No.
PG 7 x 20	70	22	9.0	7.0	65707
PG 9 x 18	70	22	12.0	9.0	65709
PG 11 x 18	80	22	14.0	11.0	65711
PG 13.5 x 18	80	22	16.0	12.0	65713
PG 16 x 18	80	22	18.0	14.5	65716
PG 21 x 16	90	22	22.0	18.0	65721
PG 29 x 16	100	25	28.0	22.0	65729
PG 36 x 16	140	40	36.0	29.0	65736
PG 42 x 16	140	40	40.0	32.0	65742
PG 48 x 16	160	40	45.0	35.0	65748

**Application:**

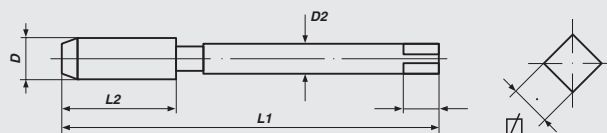
**for general use**

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

**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
- 手用和机用





## Short Machine Taps

american tapered pipe thread, taper 1:16

## 短式机用丝锥

美制锥管螺纹, 锥度 1:16



**Form C**

**HSS-G**

**NPT**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
NPT 1/16 x 27	65	19	7	5.5	63510
NPT 1/8 x 27	65	19	7	5.5	63512
NPT 1/4 x 18	70	25	11	9.0	63514
NPT 3/8 x 18	75	26	12	9.0	63516
NPT 1/2 x 14	80	31	16	12.0	63518
NPT 3/4 x 14	100	33	20	16.0	63522
NPT 1" x 11.5	110	38	25	20.0	63526
NPT 1.1/4 x 11.5	125	41	32	24.0	63534
NPT 1.1/2 x 11.5	140	42	36	29.0	63542
NPT 2" x 11.5	160	44	36	29.0	63554

### Application:

#### for general use

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for thread cutting by hand and machine

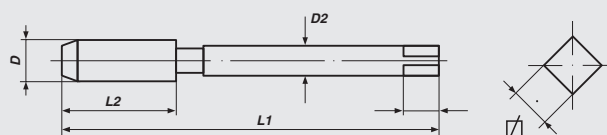
**Form C:** for through and blind holes

### 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
- 手用和机用

**Form C:** 用于通孔和盲孔







## Short Machine Taps, *Left Hand*

american tapered pipe thread, taper 1:16

## 短式机用丝锥, *左旋*

美制锥管螺纹, 锥度 1: 16



**Form C**

**HSS-G**

**NPT**

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
NPT 1/8 x 27	65	19	7	5.5	63002
NPT 1/4 x 18	70	25	11	9.0	63003
NPT 3/8 x 18	75	26	12	9.0	63004
NPT 1/2 x 14	80	31	16	12.0	63005
NPT 3/4 x 14	100	33	20	16.0	63007
NPT 1" x 11.5	110	38	25	20.0	63009
NPT 1.1/4 x 11.5	125	41	32	24.0	63011
NPT 1.1/2 x 11.5	140	42	36	29.0	63013

**Application:**

**for general use**

- non abrasive material up to 900 N/mm<sup>2</sup>
- unalloyed and low alloyed steel
- for thread cutting by hand and machine

**Form C:** for through and blind holes

**应用:**

**通用**

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

**Form C:** 用于通孔和盲孔

