



ISO TAPS ISO丝锥

	Straight Flute 直槽	Spiral Point 螺尖	Spiral Flute 螺旋槽	Left Hand 左旋
Metric	172	173	174	200
Metric - Long Shank	175			
Metric Fine	176	179		
UNC	180	181	181	201
UNF	182	183	183	201
8-UN / 12-UN	184	185	186	
UNEF	187	188	189	
UNS / UN		190		
BSW	191	192	193	202
BSF	194	195	195	
BA	196			
G (BSPF)	197	198	198	
BSPT	199			
NPT	199			



because available, because reliable, because you.

Taps - Straight Flute

Metric ISO-thread DIN 13

直槽丝锥

公制ISO螺纹 DIN 13



ISO 529

HSS-G

Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 1.6 x 0.35	41	8	2.5	2.0	80410
M 2 x 0.4	41	8	2.5	2.0	80416
M 2.2 x 0.45	44.5	9.5	2.8	2.24	80418
M 2.5 x 0.45	44.5	9.5	2.8	2.24	80422
M 3 x 0.5	48	11	3.15	2.5	80426
M 3.5 x 0.6	50	13	3.55	2.8	80428
M 4 x 0.7	53	13	4.0	3.15	80430
M 4.5 x 0.75	53	13	4.5	3.55	80432
M 5 x 0.8	58	16	5.0	4.0	80434
M 6 x 1.0	66	19	6.3	5.0	80438
M 7 x 1.0	66	19	7.1	5.6	80440
M 8 x 1.25	72	22	8.0	6.3	80442
M 9 x 1.25	72	22	9.0	7.1	80444
M 10 x 1.5	80	24	10.0	8.0	80446
M 11 x 1.5	85	25	8.0	6.3	80448
M 12 x 1.75	89	29	9.0	7.1	80450
M 14 x 2.0	95	30	11.2	9.0	80454
M 16 x 2.0	102	32	12.5	10.0	80458
M 18 x 2.5	110	37	14.0	11.2	80462
M 20 x 2.5	112	37	14.0	11.2	80466
M 22 x 2.5	118	38	16.0	12.5	80470
M 24 x 3.0	130	45	18.0	14.0	80474
M 27 x 3.0	135	45	20.0	16.0	80476
M 30 x 3.5	138	48	20.0	16.0	80478
M 33 x 3.5	151	51	22.4	18.0	80480
M 36 x 4.0	162	57	25.0	20.0	80482
M 39 x 4.0	170	60	28.0	22.4	80484
M 42 x 4.5	170	60	28.0	22.4	80486
M 45 x 4.5	187	67	31.5	25.0	80488
M 48 x 5.0	187	67	31.5	25.0	80490
M 52 x 5.0	200	70	35.5	28.0	80492
M 56 x 5.5	200	70	35.5	28.0	80494
M 60 x 5.5	221	76	40.0	31.5	80496
M 64 x 6.0	224	79	40.0	31.5	80498
M 68 x 6.0	234	79	45.0	35.5	80499

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

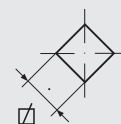
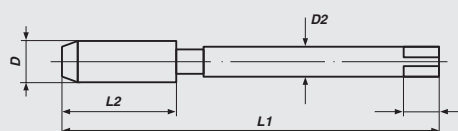
应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用

How to order/如何订货:

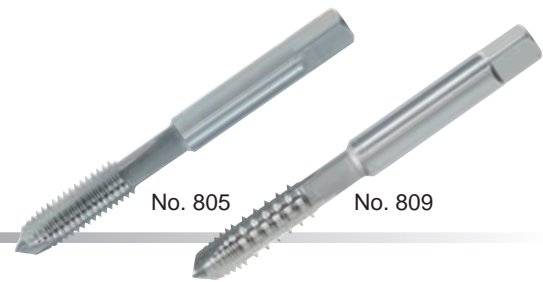
- M3 Set = 80426
- M3 Taper = 80426-1
- M3 Second = 80426-2
- M3 Plug = 80426-3





Machine Taps
metric ISO-thread DIN 13

机用丝锥
公制ISO螺纹 DIN 13



ISO 529 Spiral Point HSS-G Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 2 x 0.4	41.0	8.0	2.50	2.00	80516
M 2.5 x 0.45	44.5	9.5	2.80	2.24	80522
M 2.6 x 0.45	44.5	9.5	2.90	2.24	80524
M 3 x 0.5	48.0	11.0	3.15	2.50	80526
M 3.5 x 0.6	50.0	13.0	3.55	2.80	80528
M 4 x 0.7	53.0	13.0	4.00	3.15	80530
M 5 x 0.8	58.0	16.0	5.00	4.00	80534
M 6 x 1.0	66.0	19.0	6.30	5.00	80538
M 8 x 1.25	72.0	22.0	8.00	6.30	80542
M 10 x 1.5	80.0	24.0	10.00	8.00	80546
M 12 x 1.75	89.0	29.0	9.00	7.10	80550
M 14 x 2.0	95.0	30.0	11.20	9.00	80554
M 16 x 2.0	102.0	32.0	12.50	10.00	80558
M 18 x 2.5	110.0	37.0	14.00	11.20	80562
M 20 x 2.5	112.0	37.0	14.00	11.20	80566
M 22 x 2.5	118.0	38.0	16.00	12.50	80570
M 24 x 3.0	130.0	45.0	18.00	14.00	80574
M 27 x 3.0	135.0	45.0	20.00	16.00	80576
M 30 x 3.5	138.0	48.0	20.00	16.00	80578

with interrupted threads / 带跳牙

M 3 x 0.5	48.0	11.0	3.15	2.50	80926
M 4 x 0.7	53.0	13.0	4.00	3.15	80930
M 5 x 0.8	58.0	16.0	5.00	4.00	80934
M 6 x 1.0	66.0	19.0	6.30	5.00	80938
M 7 x 1.0	66.0	19.0	7.10	5.60	80940
M 8 x 1.25	72.0	22.0	8.00	6.30	80942
M 10 x 1.5	80.0	24.0	10.0	8.00	80946
M 12 x 1.75	89.0	29.0	9.00	7.10	80950
M 14 x 2.0	95.0	30.0	11.20	9.00	80954
M 16 x 2.0	102.0	32.0	12.50	10.00	80958
M 18 x 2.5	110.0	37.0	14.00	11.20	80962
M 20 x 2.5	112.0	37.0	14.00	11.20	80966
M 22 x 2.5	118.0	38.0	16.00	12.50	80970
M 24 x 3.0	130.0	45.0	18.00	14.00	80974

Application:

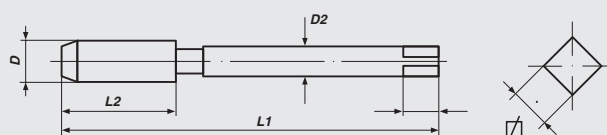
for general use

- non abrasive material up to 900 N/mm²
- 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/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔
- 手用和机用





Machine Taps
metric ISO-thread DIN 13

机用丝锥
公制ISO螺纹 DIN 13



ISO 529 Spiral Flute 35° HSS-G Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 2.5 x 0.45	44.5	9.5	2.80	2.24	80722
M 2.6 x 0.45	44.5	9.5	2.90	2.24	80724
M 3 x 0.5	48.0	11.0	3.15	2.50	80726
M 4 x 0.7	53.0	13.0	4.00	3.15	80730
M 5 x 0.8	58.0	16.0	5.00	4.00	80734
M 6 x 1.0	66.0	19.0	6.30	5.00	80738
M 8 x 1.25	72.0	22.0	8.00	6.30	80742
M 10 x 1.5	80.0	24.0	10.00	8.00	80746
M 12 x 1.75	89.0	29.0	9.00	7.10	80750
M 14 x 2.0	95.0	30.0	11.20	9.00	80754
M 16 x 2.0	102.0	32.0	12.50	10.00	80758
M 18 x 2.5	110.0	37.0	14.00	11.20	80762
M 20 x 2.5	112.0	37.0	14.00	11.20	80766
M 22 x 2.5	118.0	38.0	16.00	12.50	80770
M 24 x 3.0	130.0	45.0	18.00	14.00	80774
M 27 x 3.0	135.0	45.0	20.00	16.00	80776
M 30 x 3.5	138.0	48.0	20.00	16.00	80778

Application:

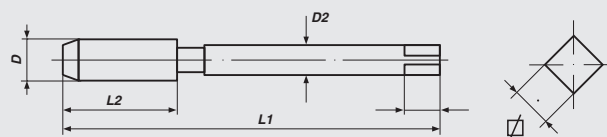
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for blind holes
- for thread cutting by hand and machine

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 盲孔
- 手用和机用





Taps - Straight Flute - *Long Shank*

metric ISO-thread DIN 13

直槽丝锥 – 长柄

公制ISO螺纹 DIN 13



ISO 2283

HSS-G

Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3.5 x 0.6	73	13	3.15	2.5	80104
M 4 x 0.7	73	13	3.15	2.5	80105
M 5 x 0.8	79	16	4.0	3.15	80106
M 6 x 1.0	89	19	4.5	3.55	80107
M 8 x 1.25	97	22	6.3	5.0	80108
M 10 x 1.5	108	24	8.0	6.3	80109
M 12 x 1.75	119	29	9.0	7.1	80110

Application:

Straight Flute

- non abrasive material up to 900N/mm²
- for through and blind holes

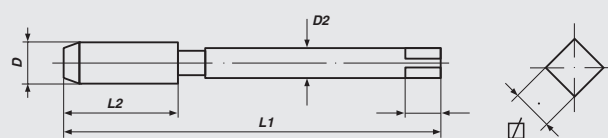
应用:

直槽

- 抗拉强度小于900N/mm²的非研磨材料
- 通孔和盲孔

How to order/如何订货:

- M4 Set = 80105
- M4 Taper = 80105-1
- M4 Second = 80105-2
- M4 Plug = 80105-3





Taps - Straight Flute
Metric Fine ISO-thread DIN 13

直槽丝锥
公制细牙ISO螺纹 DIN 13



ISO 529

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.35	48	11	3.15	2.5	81401
M 3.5 x 0.50	53	13	3.15	2.5	81402
M 4 x 0.50	53	13	4.0	3.15	81403
M 4.5 x 0.50	53	13	4.0	3.15	81404
M 5 x 0.50	58	16	5.0	4.0	81405
M 6 x 0.50	66	16	6.3	5.0	81406
M 6 x 0.75	66	19	6.3	5.0	81407
M 7 x 0.50	66	19	6.3	5.0	81408
M 7 x 0.75	66	19	7.1	5.6	81409
M 7 x 1.25	66	19	7.1	5.6	81410
M 7.5 x 0.75	66	19	7.1	5.6	81411
M 8 x 0.75	69	19	8.0	6.3	81412
M 8 x 1.0	69	19	8.0	6.3	81413
M 9 x 0.50	76	20	10.0	8.0	81414
M 9 x 0.75	76	20	10.0	8.0	81415
M 9 x 1.0	76	20	10.0	8.0	81416
M 10 x 0.75	76	20	10.0	8.0	81417
M 10 x 1.0	76	20	10.0	8.0	81418
M 10 x 1.25	76	20	10.0	8.0	81419
M 11 x 1.0	77	17	8.0	6.3	81420
M 11 x 1.25	77	17	8.0	6.3	81421
M 12 x 0.50	75	15	9.0	7.1	81422
M 12 x 1.0	84	24	9.0	7.1	81423
M 12 x 1.25	84	24	9.0	7.1	81424
M 12 x 1.5	89	29	9.0	7.1	81425
M 13 x 1.0	89	29	11.2	7.1	81426
M 13 x 1.50	89	29	11.2	7.1	81427
M 13 x 1.75	89	29	11.2	7.1	81428
M 14 x 1.0	90	25	11.2	9.0	81429
M 14 x 1.25	90	25	11.2	9.0	81430
M 14 x 1.5	95	30	12.5	9.0	81431
M 14 x 1.75	95	30	12.5	9.0	81432
M 15 x 1.0	95	30	12.5	9.0	81433
M 15 x 1.50	95	30	12.5	9.0	81434
M 15 x 1.75	95	30	12.5	9.0	81435
M 16 x 1.0	95	25	12.5	10.0	81436
M 16 x 1.25	102	32	12.5	10.0	81437
M 16 x 1.5	102	32	14.0	10.0	81438
M 16 x 1.75	102	32	14.0	10.0	81439

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

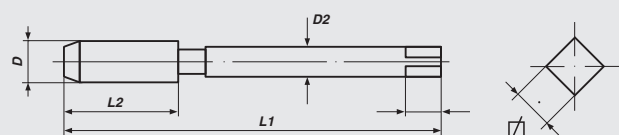
How to order/如何订货:

- M3 x 0,35 Set = 81401
- M3 x 0,35 Taper = 81401-1
- M3 x 0,35 Second = 81401-2
- M3 x 0,35 Plug = 81401-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Taps - Straight Flute

Metric Fine ISO-thread DIN 13

直槽丝锥

公制细牙ISO螺纹 DIN 13



ISO 529

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 18 x 1.0	104	29	14.0	11.2	81440
M 18 x 1.25	104	29	14.0	11.2	81441
M 18 x 1.5	104	29	14.0	11.2	81442
M 18 x 2.0	112	37	14.0	11.2	81443
M 20 x 1.0	104	29	14.0	11.2	81444
M 20 x 1.25	104	29	14.0	11.2	81445
M 20 x 1.50	104	29	14.0	11.2	81446
M 20 x 2.0	112	37	14.0	11.2	81447
M 22 x 1.0	113	33	16.0	12.5	81448
M 22 x 1.25	113	33	16.0	12.5	81449
M 22 x 1.5	113	33	16.0	12.5	81450
M 22 x 2.0	113	33	16.0	12.5	81451
M 24 x 1.0	120	35	18.0	14.0	81452
M 24 x 1.25	120	35	18.0	14.0	81453
M 24 x 1.5	120	35	18.0	14.0	81454
M 24 x 2.0	120	35	18.0	14.0	81455
M 25 x 1.0	120	35	18.0	14.0	81456
M 25 x 1.5	120	35	18.0	14.0	81457
M 26 x 1.0	120	35	18.0	14.0	81458
M 26 x 1.5	120	35	18.0	14.0	81459
M 27 x 1.5	127	37	20.0	16.0	81460
M 27 x 2.0	127	37	20.0	16.0	81461
M 28 x 1.5	127	37	20.0	16.0	81462
M 30 x 1.5	127	37	20.0	16.0	81463
M 30 x 2.0	127	37	20.0	16.0	81464
M 30 x 3.0	127	37	20.0	16.0	81465
M 32 x 1.5	137	37	22.4	18.0	81466
M 32 x 2.0	137	37	22.4	18.0	81467
M 33 x 1.5	137	37	22.4	18.0	81468
M 33 x 2.0	137	37	22.4	18.0	81469
M 33 x 3.0	137	37	22.4	18.0	81470
M 35 x 1.5	144	39	25.0	20.0	81471
M 36 x 1.5	144	39	25.0	20.0	81472
M 36 x 2.0	144	39	25.0	20.0	81473
M 36 x 3.0	144	39	25.0	20.0	81474

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

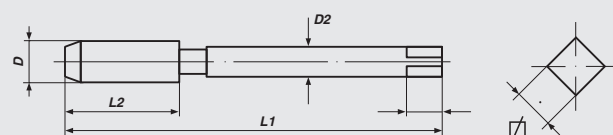
How to order/如何订货:

M3 x 0,35 Set	=	81401
M3 x 0,35 Taper	=	81401-1
M3 x 0,35 Second	=	81401-2
M3 x 0,35 Plug	=	81401-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Taps - Straight Flute
Metric Fine ISO-thread DIN 13

直槽丝锥
公制细牙ISO螺纹 DIN 13



ISO 529

HSS-G

Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 39 x 1.5	149	39	28.0	22.4	81475
M 39 x 2.0	149	39	28.0	22.4	81476
M 39 x 3.0	149	39	28.0	22.4	81477
M 40 x 1.5	149	39	28.0	22.4	81478
M 42 x 1.5	149	39	28.0	22.4	81479
M 42 x 2.0	149	39	28.0	22.4	81480
M 42 x 3.0	149	39	28.0	22.4	81481
M 45 x 3.0	187	67	31.5	25.0	81482
M 48 x 1.5	165	45	31.5	25.0	81483
M 48 x 2.0	165	45	31.5	25.0	81484
M 48 x 3.0	187	67	31.5	25.0	81485
M 50 x 1.5	165	45	31.5	25.0	81486
M 50 x 2.0	165	45	31.5	25.0	81487
M 50 x 3.0	187	67	31.5	25.0	81488
M 52 x 1.5	165	45	31.5	25.0	81489
M 52 x 2.0	165	45	31.5	25.0	81490
M 52 x 3.0	200	70	35.5	28.0	81491
M 60 x 1.50	165	45	31.5	25.0	81492

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

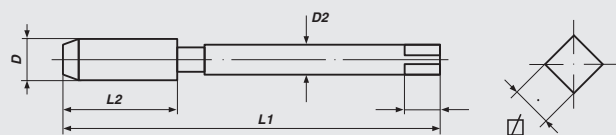
How to order/如何订货:

M3 x 0,35 Set	=	81401
M3 x 0,35 Taper	=	81401-1
M3 x 0,35 Second	=	81401-2
M3 x 0,35 Plug	=	81401-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Machine Taps

Metric Fine ISO-thread DIN 13

机用丝锥

公制细牙ISO螺纹 DIN 13



ISO 529 Spiral Point HSS-G Tol. ISO2/6H

Mf

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
M 3 x 0.35	48	11	3.15	2.5	81501
M 4 x 0.5	53	13	4.0	3.15	81503
M 5 x 0.5	58	16	5.0	4.0	81505
M 6 x 0.75	66	19	6.3	5.0	81507
M 8 x 1.0	69	19	8.0	6.3	81513
M 10 x 1.0	76	20	10.0	8.0	81518
M 10 x 1.25	76	20	10.0	8.0	81519
M 12 x 1.0	84	24	9.0	7.1	81523
M 12 x 1.25	84	24	9.0	7.1	81524
M 12 x 1.5	89	29	9.0	7.1	81525

Application:

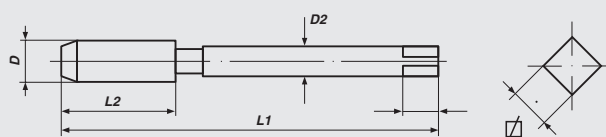
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔





Taps - Straight Flute

Unified Coarse thread ANSI B 1.1

直槽丝锥

统一制粗牙螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UNC

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
UNC Nr. 4 x 40	48	11	3.2	2.5	82404
UNC Nr. 5 x 40	48	11	3.2	2.5	82405
UNC Nr. 6 x 32	50	13	3.6	2.8	82406
UNC Nr. 8 x 32	53	13	4.5	2.8	82408
UNC Nr. 10 x 24	58	16	5.0	4.0	82410
UNC Nr. 12 x 24	62	17	5.6	4.5	82412
UNC 1/4 x 20	66	19	6.3	5.0	82414
UNC 5/16 x 18	72	22	8.0	6.3	82416
UNC 3/8 x 16	80	24	10.0	8.0	82418
UNC 7/16 x 14	85	25	8.0	6.3	82420
UNC 1/2 x 13	89	29	9.0	7.1	82422
UNC 9/16 x 12	95	30	11.2	9.0	82424
UNC 5/8 x 11	102	32	12.5	10.0	82426
UNC 3/4 x 10	112	37	14.0	11.2	82430
UNC 7/8 x 9	118	38	16.0	12.5	82434
UNC 1" x 8	130	45	18.0	14.0	82438
UNC 1.1/8 x 7	138	48	20.0	16.0	82440
UNC 1.1/4 x 7	151	51	22.4	18.0	82442
UNC 1.3/8 x 6	162	57	25.0	20.0	82444
UNC 1.1/2 x 6	170	60	28.0	22.4	82446
UNC 1.5/8 x 5	170	60	28.0	22.4	82447
UNC 1.3/4 x 5	187	67	31.5	25.0	82448
UNC 1.7/8 x 5	187	67	31.5	25.0	82449
UNC 2" x 4.5	200	70	35.5	28.0	82450

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

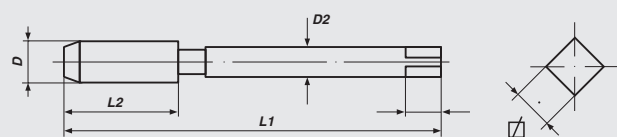
How to order/如何订货:

1/4 UNC Set	=	82414
1/4 UNC Taper	=	82414-1
1/4 UNC Second	=	82414-2
1/4 UNC Plug	=	82414-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Machine Taps

Unified Coarse thread ANSI B 1.1

机用丝锥

统一制粗牙螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UNC

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

UNC 10 x 24	58	16	5.0	4.0	82510
UNC 1/4 x 20	66	19	6.3	5.0	82514
UNC 5/16 x 18	72	22	8.0	6.3	82516
UNC 3/8 x 16	80	24	10.0	8.0	82518
UNC 7/16 x 14	85	25	8.0	6.3	82520
UNC 1/2 x 13	89	29	9.0	7.1	82522
UNC 9/16 x 12	95	30	11.2	9.0	82524
UNC 5/8 x 11	102	32	12.5	10.0	82526
UNC 3/4 x 10	112	37	14.0	11.2	82530
UNC 7/8 x 9	118	38	18.0	12.5	82534
UNC 1" x 8	130	45	16.0	14.0	82538
UNC 1.1/8 x 7	138	48	20.0	16.0	82540
UNC 1.1/4 x 7	151	51	22.4	18.0	82542
UNC 1.3/8 x 6	162	57	25.0	20.0	82544
UNC 1.1/2 x 6	170	60	28.0	22.4	82546
UNC 1.5/8 x 5	170	60	28.0	22.4	82547
UNC 1.3/4 x 5	187	67	31.5	25.0	82548
UNC 1.7/8 x 5	187	67	31.5	25.0	82549
UNC 2" x 4.5	200	70	35.5	28.0	82550

Spiral Flute 35° / 螺旋槽

UNC 10 x 24	58	16	5.0	4.0	82710
UNC 1/4 x 20	66	19	6.3	5.0	82714
UNC 5/16 x 18	72	22	8.0	6.3	82716
UNC 3/8 x 16	80	24	10.0	8.0	82718
UNC 7/16 x 14	85	25	8.0	6.3	82720
UNC 1/2 x 13	89	29	9.0	7.1	82722
UNC 9/16 x 12	95	30	11.2	9.0	82724
UNC 5/8 x 11	102	32	12.5	10.0	82726
UNC 3/4 x 10	112	37	14.0	11.2	82730
UNC 7/8 x 9	118	38	16.0	12.5	82734
UNC 1" x 8	130	45	18.0	14.0	82738
UNC 1.1/8 x 7	138	48	20.0	16.0	82740
UNC 1.1/4 x 7	151	51	22.4	18.0	82742
UNC 1.3/8 x 6	162	57	25.0	20.0	82744
UNC 1.1/2 x 6	170	60	28.0	22.4	82746
UNC 1.5/8 x 5	170	60	28.0	22.4	82748
UNC 1.3/4 x 5	187	67	31.5	25.0	82750
UNC 1.7/8 x 5	187	67	31.5	25.0	82752
UNC 2" x 4.5	200	70	35.5	28.0	82754

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- spiral point for through holes
- spiral flute for blind holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 螺旋尖用于通孔
- 螺旋槽用于盲孔



Taps - Straight Flute

Unified Fine thread ANSI B 1.1

直槽丝锥

统一制细牙螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UNF

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
UNF Nr. 4 x 48	48	11	3.15	2.5	83405
UNF Nr. 5 x 44	48	11	3.15	2.5	83406
UNF Nr. 6 x 40	50	13	3.55	2.8	83407
UNF Nr. 8 x 36	53	13	4.5	3.55	83408
UNF Nr. 10 x 32	58	16	5.0	4.0	83410
UNF Nr. 12 x 28	62	17	5.6	4.5	83412
UNF 1/4 x 28	66	19	6.3	5.0	83414
UNF 5/16 x 24	69	19	8.0	6.3	83416
UNF 3/8 x 24	76	20	10.0	8.0	83418
UNF 7/16 x 20	82	22	8.0	6.3	83420
UNF 1/2 x 20	84	24	9.0	7.1	83422
UNF 9/16 x 18	90	25	11.2	9.0	83424
UNF 5/8 x 18	95	25	12.5	10.0	83426
UNF 3/4 x 16	104	29	14.0	11.2	83430
UNF 7/8 x 14	113	33	16.0	12.5	83434
UNF 1" x 12	120	35	18.0	14.0	83438
UNF 1.1/8 x 12	127	37	20.0	16.0	83440
UNF 1.1/4 x 12	137	37	22.4	18.0	83442
UNF 1.3/8 x 12	144	39	25.0	20.0	83444
UNF 1.1/2 x 12	149	39	28.0	22.4	83446
UNF 1.5/8 x 12	164	45	28.0	22.4	83447
UNF 1.3/4 x 12	164	45	31.5	25.0	83448
UNF 1.7/8 x 12	164	45	31.5	25.0	83449
UNF 2" x 12	175	47	35.5	28.0	83454
UNF 2.1/8 x 12	200	70	35.5	28.0	83455
UNF 2.1/4 x 12	221	76	40.0	31.5	83456
UNF 2.1/2 x 12	224	79	40.0	31.5	83458

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

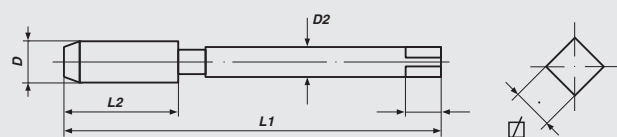
How to order/如何订货:

1/4 UNF Set	=	83414
1/4 UNF Taper	=	83414-1
1/4 UNF Second	=	83414-2
1/4 UNF Plug	=	83414-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Machine Taps

Unified Fine thread ANSI B 1.1

机用丝锥

统一制细牙螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UNF

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

UNF 1/4 x 28	66	19	6.3	5.0	83514
UNF 5/16 x 24	69	19	8.0	6.3	83516
UNF 3/8 x 24	76	20	10.0	8.0	83518
UNF 7/16 x 20	82	22	8.0	6.3	83520
UNF 1/2 x 20	84	24	9.0	7.1	83522
UNF 9/16 x 18	90	25	11.2	9.0	83524
UNF 5/8 x 18	95	25	12.5	10.0	83526
UNF 3/4 x 16	104	29	14.0	11.2	83530
UNF 7/8 x 14	113	33	16.0	12.5	83534
UNF 1" x 12	120	35	18.0	14.0	83538
UNF 1.1/8 x 12	127	37	20.0	16.0	83540
UNF 1.1/4 x 12	137	37	22.4	18.0	83542
UNF 1.3/8 x 12	144	39	25.0	20.0	83544
UNF 1.1/2 x 12	149	39	28.0	22.4	83546

Spiral Flute 35° / 螺旋槽

UNF 1/4 x 28	66	19	6.3	5.0	83714
UNF 5/16 x 24	69	19	8.0	6.3	83716
UNF 3/8 x 24	76	20	10.0	8.0	83718
UNF 7/16 x 20	82	22	8.0	6.3	83720
UNF 1/2 x 20	84	24	9.0	7.1	83722
UNF 9/16 x 18	90	25	11.2	9.0	83724
UNF 5/8 x 18	95	25	12.5	10.0	83726
UNF 3/4 x 16	104	29	14.0	11.2	83730
UNF 7/8 x 14	113	33	16.0	12.5	83734
UNF 1" x 12	120	35	18.0	14.0	83738
UNF 1.1/8 x 12	127	37	20.0	16.0	83740
UNF 1.1/4 x 12	137	37	22.4	18.0	83742
UNF 1.3/8 x 12	144	39	25.0	20.0	83744
UNF 1.1/2 x 12	149	39	28.0	22.4	83746

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel

Spiral Point: for through holes

Spiral Flute: for blind holes

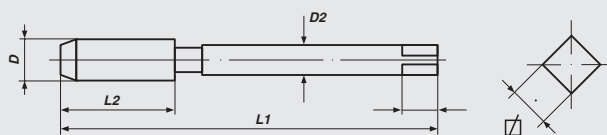
应用:

通用

- 抗拉强度小于900N/mm²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





Taps - Straight Flute

Unified thread ANSI B 1.1

直槽丝锥

统一制螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UN

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
UN 1.1/8 x 8	138	48	20.0	16.0	82940
UN 1.1/4 x 8	151	51	22.4	18.0	82942
UN 1.3/8 x 8	162	57	25.0	20.0	82944
UN 1.1/2 x 8	170	60	28.0	22.4	82946
UN 1.5/8 x 8	170	60	28.0	22.4	82947
UN 1.3/4 x 8	187	67	31.5	25.0	82948
UN 1.7/8 x 8	187	67	31.5	25.0	82949
UN 2" x 8	200	70	35.5	28.0	82950
UN 2.1/8 x 8	200	70	35.5	28.0	82951
UN 2.1/4 x 8	221	76	40.0	31.5	82952
UN 2.3/8 x 8	224	79	40.0	31.5	82953
UN 2.1/2 x 8	224	79	40.0	31.5	82954
UN 2.3/4 x 8	234	79	45.0	35.5	82956
UN 3" x 8	258	83	50.0	40.0	82958
UN 3.1/2 x 8	261	86	50.0	40.0	82960
UN 4" x 8	279	89	56.0	45.0	82962

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

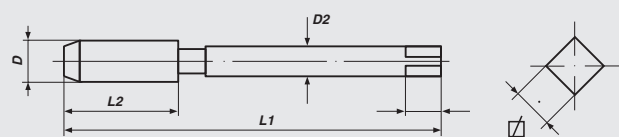
How to order/如何订货:

- 1.1/4 UN Set = 82942
- 1.1/4 UN Taper = 82942-1
- 1.1/4 UN Second = 82942-2
- 1.1/4 UN Plug = 82942-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Machine Taps

Unified thread ANSI B 1.1

机用丝锥

统一制螺纹 ANSI B 1.1



ISO 529 Spiral Point HSS-E Tol. 2B

UN

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
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8-UN

UN 1.1/16 x 8	138	48	20.0	16.0	83101
UN 1.1/8 x 8	138	48	20.0	16.0	83102
UN 1.3/16 x 8	151	51	22.4	18.0	83103
UN 1.1/4 x 8	151	51	22.4	18.0	83104
UN 1.5/16 x 8	162	57	25.0	20.0	83105
UN 1.3/8 x 8	162	57	25.0	20.0	83106
UN 1.1/2 x 8	170	60	28.0	22.4	83107
UN 1.5/8 x 8	170	60	28.0	22.4	83108
UN 1.3/4 x 8	187	67	31.5	25.0	83109
UN 1.7/8 x 8	187	67	31.5	25.0	83110
UN 2" x 8	200	70	35.5	28.0	83111
UN 2.1/8 x 8	200	70	35.5	28.0	83112
UN 2.1/4 x 8	221	76	40.0	31.5	83113
UN 2.1/2 x 8	224	79	40.0	31.5	83115
UN 2.3/4 x 8	234	79	45.0	35.5	83116
UN 3" x 8	258	83	50.0	40.0	83117
UN 3.1/4 x 8	261	86	50.0	40.0	83118
UN 3.1/2 x 8	261	86	50.0	40.0	83119
UN 3.3/4 x 8	279	89	56.0	45.0	83120
UN 4" x 8	279	89	56.0	45.0	83121

12-UN

UN 1.5/8 x 12	170	60	28.0	22.4	83301
UN 1.3/4 x 12	187	67	31.5	25.0	83302
UN 1.7/8 x 12	187	67	31.5	25.0	83303
UN 2" x 12	200	70	35.5	28.0	83304
UN 2.1/8 x 12	200	70	35.5	28.0	83305
UN 2.1/4 x 12	221	76	40.0	31.5	83306
UN 2.1/2 x 12	224	79	40.0	31.5	83308
UN 2.3/4 x 12	234	79	45.0	35.5	83309
UN 3" x 12	258	83	50.0	40.0	83310
UN 3.1/4 x 12	261	86	50.0	40.0	83311
UN 3.1/2 x 12	261	86	50.0	40.0	83312
UN 3.3/4 x 12	279	89	56.0	45.0	83313
UN 4" x 12	279	89	56.0	45.0	83314

Application:

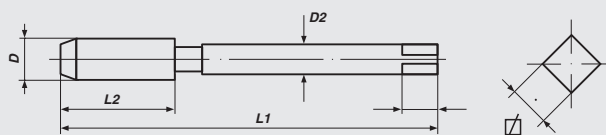
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔





Machine Taps
Unified thread ANSI B 1.1

机用丝锥
统一制螺纹 ANSI B 1.1



ISO 529 Spiral Flute 35° HSS-E Tol. 2B UN

Nominal Diameter D	L 1	L 2	D 2	☒	Art.-No.
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8-UN

UN 1.1/16 x 8	138	48	20.0	16.0	83151
UN 1.1/8 x 8	138	48	20.0	16.0	83152
UN 1.3/16 x 8	151	51	22.4	18.0	83153
UN 1.1/4 x 8	151	51	22.4	18.0	83154
UN 1.5/16 x 8	162	57	25.0	20.0	83155
UN 1.3/8 x 8	162	57	25.0	20.0	83156
UN 1.1/2 x 8	170	60	28.0	22.4	83157
UN 1.5/8 x 8	170	60	28.0	22.4	83158
UN 1.3/4 x 8	187	67	31.5	25.0	83159
UN 1.7/8 x 8	187	67	31.5	25.0	83160
UN 2" x 8	200	70	35.5	28.0	83161
UN 2.1/8 x 8	200	70	35.5	28.0	83162
UN 2.1/4 x 8	221	76	40.0	31.5	83163
UN 2.1/2 x 8	224	79	40.0	31.5	83165
UN 2.3/4 x 8	234	79	45.0	35.5	83166
UN 3" x 8	258	83	50.0	40.0	83167
UN 3.1/4 x 8	261	86	50.0	40.0	83168
UN 3.1/2 x 8	261	86	50.0	40.0	83169
UN 3.3/4 x 8	279	89	56.0	45.0	83170
UN 4" x 8	279	89	56.0	45.0	83171

12-UN

UN 1.5/8 x 12	170	60	28.0	22.4	83351
UN 1.3/4 x 12	187	67	31.5	25.0	83352
UN 1.7/8 x 12	187	67	31.5	25.0	83353
UN 2" x 12	200	70	35.5	28.0	83354
UN 2.1/8 x 12	200	70	35.5	28.0	83355
UN 2.1/4 x 12	221	76	40.0	31.5	83356
UN 2.1/2 x 12	224	79	40.0	31.5	83358
UN 2.3/4 x 12	234	79	45.0	35.5	83359
UN 3" x 12	258	83	50.0	40.0	83360
UN 3.1/4 x 12	261	86	50.0	40.0	83361
UN 3.1/2 x 12	261	86	50.0	40.0	83362
UN 3.3/4 x 12	279	89	56.0	45.0	83363
UN 4" x 12	279	89	56.0	45.0	83364

Application:

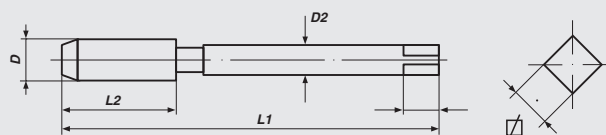
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for blind holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 盲孔





Taps - Straight Flute

Unified Extra Fine thread ANSI B 1.1

直槽丝锥

统一制特细牙螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UNEF

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
UNEF 1/4 x 32	66	19	6.3	5.0	83821
UNEF 5/16 x 32	72	22	8.0	6.3	83822
UNEF 3/8 x 32	80	24	10.0	8.0	83823
UNEF 7/16 x 28	85	25	8.0	6.3	83824
UNEF 1/2 x 28	89	29	9.0	7.1	83825
UNEF 9/16 x 24	95	30	11.2	9.0	83826
UNEF 5/8 x 24	102	32	12.5	10.0	83827
UNEF 3/4 x 20	112	37	14.0	11.2	83829
UNEF 7/8 x 20	118	38	16.0	12.5	83831
UNEF 1" x 20	130	45	16.0	14.0	83833

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand

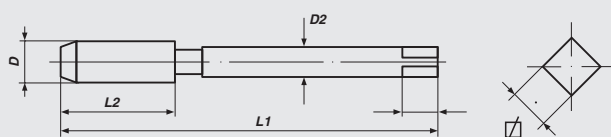
应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用

How to order/如何订货:

UNEF 1/4	=	83821
UNEF 1/4, No. 1	=	83821-1
UNEF 1/4, No. 2	=	83821-2
UNEF 1/4, No. 3	=	83821-3





Machine Taps

Unified Extra Fine thread ANSI B 1.1

机用丝锥

统一制特细牙螺纹 ANSI B 1.1



ISO 529

Spiral Point

HSS-E

Tol. 2B

UNEF

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
UNEF Nr.12 x 32	62	17	5.6	4.5	83320
UNEF 1/4 x 32	66	19	6.3	5.0	83321
UNEF 5/16 x 32	72	22	8.0	6.3	83322
UNEF 3/8 x 32	80	24	10.0	8.0	83323
UNEF 7/16 x 28	85	25	8.0	6.3	83324
UNEF 1/2 x 28	89	29	9.0	7.1	83325
UNEF 9/16 x 24	95	30	11.2	9.0	83326
UNEF 5/8 x 24	102	32	12.5	10.0	83327
UNEF 11/16 x 24	112	37	14.0	11.2	83328
UNEF 3/4 x 20	112	37	14.0	11.2	83329
UNEF 13/16 x 20	118	38	16.0	12.5	83330
UNEF 7/8 x 20	118	38	16.0	12.5	83331
UNEF 15/16 x 20	130	45	18.0	14.0	83332
UNEF 1" x 20	130	45	18.0	14.0	83333
UNEF 1.1/16 x 18	138	48	20.0	16.0	83334
UNEF 1.1/8 x 18	138	48	20.0	16.0	83335
UNEF 1.3/16 x 18	151	51	22.4	18.0	83336
UNEF 1.1/4 x 18	151	51	22.4	18.0	83337
UNEF 1.5/16 x 18	162	57	25.0	20.0	83338
UNEF 1.3/8 x 18	162	57	25.0	20.0	83339
UNEF 1.7/16 x 18	170	60	28.0	22.4	83340
UNEF 1.1/2 x 18	170	60	28.0	22.4	83341
UNEF 1.9/16 x 18	170	60	28.0	22.4	83342
UNEF 1.5/8 x 18	170	60	28.0	22.4	83343
UNEF 1.11/16 x 18	187	67	31.5	25.0	83344
UNEF 1.3/4 x 18	187	67	31.5	25.0	83345
UNEF 2" x 18	200	70	35.5	28.0	83346

Application:

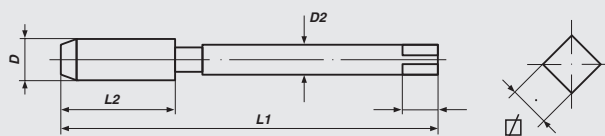
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔





Machine Taps

Unified Extra Fine thread ANSI B 1.1

机用丝锥

统一制特细牙螺纹 ANSI B 1.1



ISO 529 Spiral Flute 35° HSS-E Tol. 2B

UNEF

Nominal Diameter D	L 1	L 2	D 2	Ø	Art.-No.
UNEF Nr. 12 x 32	62	17	5.6	4.5	83370
UNEF 1/4 x 32	66	19	6.3	5.0	83371
UNEF 5/16 x 32	72	22	8.0	6.3	83372
UNEF 3/8 x 32	80	24	10.0	8.0	83373
UNEF 7/16 x 28	85	25	8.0	6.3	83374
UNEF 1/2 x 28	89	29	9.0	7.1	83375
UNEF 9/16 x 24	95	30	11.2	9.0	83376
UNEF 5/8 x 24	102	32	12.5	10.0	83377
UNEF 11/16 x 24	112	37	14.0	11.2	83378
UNEF 3/4 x 20	112	37	14.0	11.2	83379
UNEF 13/16 x 20	118	38	16.0	12.5	83380
UNEF 7/8 x 20	118	38	16.0	12.5	83381
UNEF 15/16 x 20	130	45	18.0	14.0	83382
UNEF 1" x 20	130	45	18.0	14.0	83383

Application:

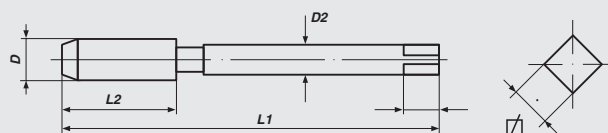
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for blind holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 盲孔





Machine Taps
Unified thread ANSI B 1.1

机用丝锥
统一制螺纹 ANSI B 1.1



ISO 529 Spiral Point HSS-E Tol. 2B UN

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.
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UNS

UNS 1/4 x 24	66	19	6.3	5.0	83201
UNS 1/4 x 36	66	19	6.3	5.0	83202
UNS 1/4 x 40	66	19	6.3	5.0	83203
UNS 3/8 x 27	80	24	10.0	8.0	83204
UNS 7/16 x 24	85	25	8.0	6.3	83205
UNS 1/2 x 24	89	29	9.0	7.1	83206
UNS 5/8 x 27	102	32	12.5	10.0	83207
UNS 3/4 x 24	112	37	14.0	11.2	83208
UNS 7/8 x 18	118	38	16.0	12.5	83209
UNS 1" x 14	130	45	18.0	14.0	83210

UN

UN 5/16 x 28	72	22	8.0	6.3	83221
UN 3/8 x 20	80	24	10.0	8.0	83222
UN 3/8 x 28	80	24	10.0	8.0	83223
UN 7/16 x 32	85	25	8.0	6.3	83224
UN 1/2 x 32	89	29	9.0	7.1	83225
UN 9/16 x 20	95	30	11.2	9.0	83226
UN 9/16 x 28	95	30	11.2	9.0	83227
UN 9/16 x 32	95	30	11.2	9.0	83228
UN 5/8 x 20	102	32	12.5	10.0	83229
UN 5/8 x 28	102	32	12.5	10.0	83230
UN 11/16 x 20	112	37	14.0	11.2	83231
UN 11/16 x 16	112	37	14.0	11.2	83232
UN 1" x 32	130	45	18.0	14.0	83233

Application:

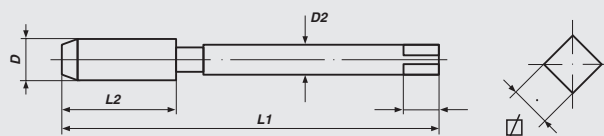
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔





Taps – Straight Flute

Whitworth thread BS 84

直槽丝锥

惠氏螺纹 BS 84



ISO 529

HSS-G

BSW

Nominal Diameter D	L 1	L 2	D 2	Ø	Art.-No.
BSW 1/16 x 60	41	8	2.5	2.0	84402
BSW 3/32 x 48	44.5	9.5	2.8	2.24	84404
BSW 1/8 x 40	48	11	3.15	2.5	84406
BSW 5/32 x 32	53	13	4.0	3.15	84408
BSW 3/16 x 24	58	16	5.0	4.0	84410
BSW 7/32 x 24	62	17	5.6	4.5	84412
BSW 1/4 x 20	66	19	6.3	5.0	84414
BSW 9/32 x 20	72	22	8.0	6.3	84415
BSW 5/16 x 18	72	22	8.0	6.3	84416
BSW 3/8 x 16	80	24	10.0	8.0	84418
BSW 7/16 x 14	85	25	8.0	6.3	84420
BSW 1/2 x 12	89	29	9.0	7.1	84422
BSW 9/16 x 12	95	30	11.2	9.0	84424
BSW 5/8 x 11	102	32	12.5	10.0	84426
BSW 3/4 x 10	112	37	14.0	11.2	84430
BSW 7/8 x 9	118	38	16.0	12.5	84434
BSW 1" x 8	130	45	18.0	14.0	84438
BSW 1.1/8 x 7	138	48	20.0	16.0	84440
BSW 1.1/4 x 7	151	51	22.4	18.0	84442
BSW 1.3/8 x 6	162	57	25.0	20.0	84444
BSW 1.1/2 x 6	170	60	28.0	22.4	84446
BSW 1.5/8 x 5	170	60	28.0	22.4	84448
BSW 1.3/4 x 5	187	67	31.5	25.0	84450
BSW 1.7/8 x 4.5	187	67	31.5	25.0	84452
BSW 2" x 4.5	200	70	35.5	28.0	84454
BSW 2.1/4 x 4	221	76	40.0	31.5	84456
BSW 2.1/2 x 4	224	79	40.0	31.5	84458

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

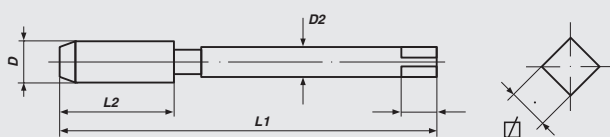
应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用

How to order/如何订货:

- 1/4 BSW Se = 84414
- 1/4 BSW Taper = 84414-1
- 1/4 BSW Second = 84414-2
- 1/4 BSW Plug = 84414-3





Machine Taps
Whitworth thread BS 84

机用丝锥
惠氏螺纹 BS 84



ISO 529

Spiral Point

HSS-G

BSW

Nominal Diameter D	L 1	L 2	D 2	∩	Art.-No.
BSW 1/8 x 40	48	11	3.15	2.5	84506
BSW 5/32 x 24	53	13	4.0	3.15	84508
BSW 3/16 x 24	58	16	5.0	4.0	84510
BSW 7/32 x 24	62	17	5.6	4.5	84512
BSW 1/4 x 20	66	19	6.3	5.0	84514
BSW 5/16 x 18	72	22	8.0	6.3	84516
BSW 3/8 x 16	80	24	10.0	8.0	84518
BSW 7/16 x 14	85	25	8.0	6.3	84520
BSW 1/2 x 12	89	29	9.0	7.1	84522
BSW 9/16 x 12	95	30	11.2	9.0	84524
BSW 5/8 x 11	102	32	12.5	10.0	84526
BSW 3/4 x 10	112	37	14.0	11.2	84530
BSW 7/8 x 9	118	38	16.0	12.5	84534
BSW 1" x 8	130	45	18.0	14.0	84538
BSW 1.1/8 x 7	138	48	20.0	16.0	84540
BSW 1.1/4 x 7	151	51	22.4	18.0	84542
BSW 1.1/2 x 6	170	60	28.0	22.4	84546
BSW 1.5/8 x 5	170	60	28.0	22.4	84548
BSW 1.3/4 x 5	187	67	31.5	25.0	84550
BSW 2.1/4 x 4	221	76	40.0	31.5	84556
BSW 2.1/2 x 4	224	79	40.0	31.5	84558

Application:

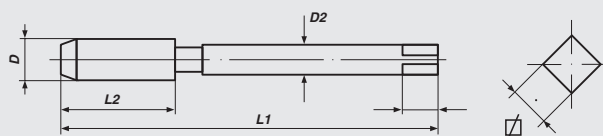
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔





Machine Taps

Whitworth thread BS 84

机用丝锥

惠氏螺纹 BS 84



ISO 529

Spiral Flute 35°

HSS-G

BSW

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
BSW 1/8 x 40	48	11	3.15	2.5	84706
BSW 3/16 x 24	58	16	5.0	4.0	84710
BSW 1/4 x 20	66	19	6.3	5.0	84714
BSW 5/16 x 18	72	22	8.0	6.3	84716
BSW 3/8 x 16	80	24	10.0	8.0	84718
BSW 7/16 x 14	85	25	8.0	6.3	84720
BSW 1/2 x 12	89	29	9.0	7.1	84722
BSW 9/16 x 12	95	30	11.2	9.0	84724
BSW 5/8 x 11	102	32	12.5	10.0	84726
BSW 3/4 x 10	112	37	14.0	11.2	84730
BSW 7/8 x 9	118	38	16.0	12.5	84734
BSW 1" x 8	130	45	18.0	14.0	84738
BSW 1.1/8 x 7	138	48	20.0	16.0	84740
BSW 1.1/4 x 7	151	51	22.4	18.0	84742
BSW 1.3/8 x 7	162	57	25.0	20.0	84744
BSW 1.1/2 x 6	170	60	28.0	22.4	84746

Application:

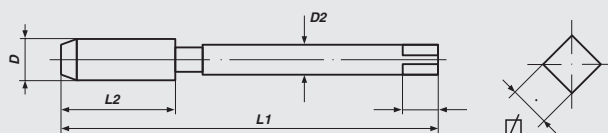
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for blind holes

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 盲孔





Taps - Straight Flute

British Standard Fine thread BS 84

直槽丝锥

英标细牙螺纹 BS 84



ISO 529

HSS-G

BSF

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
BSF 3/16 x 32	58	16	5.0	4.0	85410
BSF 1/4 x 26	66	19	6.3	5.0	85414
BSF 5/16 x 22	69	19	8.0	6.3	85416
BSF 3/8 x 20	76	20	10.0	8.0	85418
BSF 7/16 x 18	82	22	8.0	6.3	85420
BSF 1/2 x 16	84	24	9.0	7.1	85422
BSF 9/16 x 16	90	25	11.2	9.0	85424
BSF 5/8 x 14	95	25	12.5	10.0	85426
BSF 3/4 x 12	104	29	14.0	11.2	85430
BSF 7/8 x 11	113	33	16.0	12.5	85434
BSF 1" x 10	120	35	18.0	14.0	85438
BSF 1.1/8 x 9	127	37	20.0	16.0	85440
BSF 1.1/4 x 9	137	37	22.4	18.0	85442
BSF 1.3/8 x 8	144	39	25.0	20.0	85444
BSF 1.1/2 x 8	149	45	28.0	22.4	85446
BSF 1.5/8 x 8	164	45	28.0	22.4	85448
BSF 1.3/4 x 7	164	45	31.5	25.0	85450
BSF 1.7/8 x 7	164	45	31.5	25.0	85452
BSF 2" x 7	175	47	35.5	28.0	85454
BSF 2.1/4 x 6	221	76	40.0	31.5	85456
BSF 2.1/2 x 6	224	79	40.0	31.5	85458

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

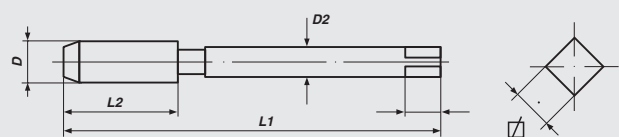
How to order / 如何订货:

- 1/4 BSF Set = 85414
- 1/4 BSF Taper = 85414-1
- 1/4 BSF Second = 85414-2
- 1/4 BSF Plug = 85414-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Machine Taps

British Standard Fine thread BS 84

机用丝锥

英标细牙螺纹 BS 84



ISO 529 HSS-G

BSF

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

BSF 3/16 x 32	58	16	5.0	4.0	85510
BSF 1/4 x 26	66	19	6.3	5.0	85514
BSF 5/16 x 22	69	19	8.0	6.3	85516
BSF 3/8 x 20	76	20	10.0	8.0	85518
BSF 7/16 x 18	82	22	8.0	6.3	85520
BSF 1/2 x 16	84	24	9.0	7.1	85522
BSF 5/8 x 14	95	25	12.5	10.0	85526
BSF 3/4 x 12	104	29	14.0	11.2	85530
BSF 7/8 x 11	113	33	16.0	12.5	85534
BSF 1" x 10	120	35	18.0	14.0	85538

Spiral Flute 35° / 螺旋槽

BSF 3/16 x 32	58	16	5.0	4.0	85710
BSF 1/4 x 26	66	19	6.3	5.0	85714
BSF 5/16 x 22	69	19	8.0	6.3	85716
BSF 3/8 x 20	76	20	10.0	8.0	85718
BSF 7/16 x 18	82	22	8.0	6.3	85720
BSF 1/2 x 16	84	24	9.0	7.1	85722
BSF 5/8 x 14	95	25	12.5	10.0	85726
BSF 3/4 x 12	104	29	14.0	11.2	85730
BSF 7/8 x 11	113	33	16.0	12.5	85734
BSF 1" x 10	120	35	18.0	14.0	85738

Application:

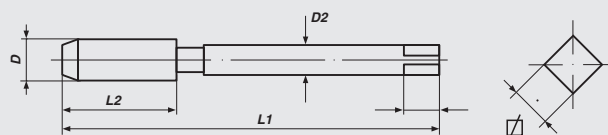
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- spiral point for through holes
- spiral flute for blind holes

应用:

通用

- 抗拉强度小于900N/mm²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





Taps - Straight Flute

BA-thread BS 93

直槽丝锥

BA螺纹 BS 93



ISO 529

HSS-G

BA

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
BA0	66	19	6.3	5.0	89400
BA1	62	17	5.6	4.5	89401
BA2	58	16	5.0	4.0	89402
BA3	53	13	4.5	3.55	89403
BA4	50	13	3.55	2.8	89404
BA5	48	11	3.15	2.5	89405
BA6	45	9.5	2.8	2.24	89406

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

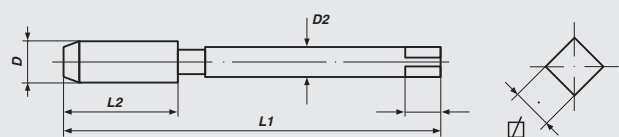
How to order / 如何订货:

- 2 BA = 89402
- 2 BA, No. 1 = 89402-1
- 2 BA, No. 2 = 89402-2
- 2 BA, No. 3 = 89402-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Taps - Straight Flute

Pipe-thread DIN ISO 228

直槽丝锥

管螺纹 DIN ISO 228



ISO 529 HSS-G

G (BSPF)

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
G 1/8 x 28	59	15	8.0	6.3	86412
G 1/4 x 19	67	19	10.0	8.0	86414
G 3/8 x 19	75	21	12.5	10.0	86416
G 1/2 x 14	87	26	16.0	12.5	86418
G 5/8 x 14	91	26	18.0	14.0	86420
G 3/4 x 14	96	28	20.0	16.0	86422
G 7/8 x 14	102	29	22.4	18.0	86424
G 1" x 11	109	33	25.0	20.0	86426
G 1.1/8 x 11	115	34	28.0	22.4	86430
G 1.1/4 x 11	119	36	31.5	25.0	86434
G 1.1/2 x 11	125	37	35.5	28.0	86442
G 1.3/4 x 11	132	39	35.5	28.0	86448
G 2" x 11	140	41	40.0	31.5	86454
G 2.1/4 x 11	142	42	40.0	31.5	86458
G 2.1/2 x 11	153	45	45.0	35.5	86460
G 3" x 11	164	48	50.0	40.0	86464
G 4" x 11	185	53	71.0	56.0	86478

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

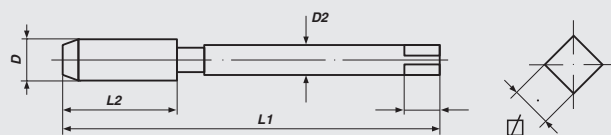
应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用

How to order/如何订货:

- 1/4 BSPF Set = 86414
- 1/4 BSPF Taper = 86414-1
- 1/4 BSPF Second = 86414-2
- 1/4 BSPF Plug = 86414-3





Machine Taps
Pipe-thread DIN ISO 228

机用丝锥
管螺纹 DIN ISO 228



ISO 529 HSS-G

G (BSPF)

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

G 1/8 x 28	59	15	8.0	6.3	86512
G 1/4 x 19	67	19	10.0	8.0	86514
G 3/8 x 19	75	21	12.5	10.0	86516
G 1/2 x 14	87	26	16.0	12.5	86518
G 3/4 x 14	96	28	20.0	16.0	86522
G 1 x 14	109	33	25.0	20.0	86526

Spiral Flute 35° / 螺旋槽

G 1/8 x 28	59	15	8.0	6.3	86712
G 1/4 x 19	67	19	10.0	8.0	86714
G 3/8 x 19	75	21	12.5	10.0	86716
G 1/2 x 14	87	26	16.0	12.5	86718
G 3/4 x 14	96	28	20.0	16.0	86722

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel

Spiral Point

for through holes

Spiral Flute

for blind holes

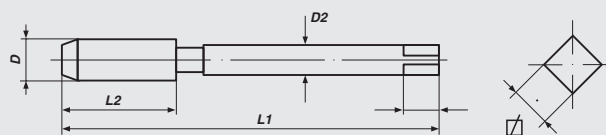
应用:

通用

- 抗拉强度小于900N/mm²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





Taps - Straight Flute

Tapered Pipe-thread, taper 1:16

直槽丝锥

锥管螺纹, 锥度 1:16



ISO 529 HSS-G

BSPT / NPT

Nominal Diameter D	L 1	L 2	D 2	Ø	Art.-No.
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BSPT

BSPT 1/8 x 28	59	15	8.0	6.3	87412
BSPT 1/4 x 19	67	19	10.0	8.0	87414
BSPT 3/8 x 19	75	21	12.5	10.0	87416
BSPT 1/2 x 14	87	26	16.0	12.5	87418
BSPT 5/8 x 14	91	27	18.0	14.0	87419
BSPT 3/4 x 14	96	28	20.0	16.0	87422
BSPT 7/8 x 14	96	28	20.0	16.0	87423
BSPT 1" x 11	109	33	25.0	20.0	87426
BSPT 1.1/4 x 11	119	36	31.5	25.0	87434
BSPT 1.1/2 x 11	125	37	35.5	28.0	87442
BSPT 2" x 11	140	41	40.0	31.5	87454
BSPT 2.1/2 x 11	153	45	45.0	35.5	87464

NPT

NPT 1/16 x 27	52	14	5.6	4.5	88410
NPT 1/8 x 27	59	15	8.0	6.3	88412
NPT 1/4 x 18	67	19	10.0	8.0	88414
NPT 3/8 x 18	75	21	12.5	10.0	88416
NPT 1/2 x 14	87	26	16.0	12.5	88418
NPT 3/4 x 14	96	28	20.0	16.0	88422
NPT 1" x 11.5	109	33	25.0	20.0	88426
NPT 1.1/4 x 11.5	119	36	31.5	25.0	88434
NPT 1.1/2 x 11.5	125	37	35.5	28.0	88442
NPT 2" x 11.5	140	41	40.0	31.5	88454
NPT 2.1/2 x 8	153	45	45.0	35.5	88464

Application:

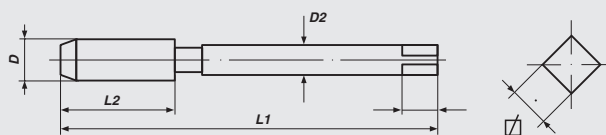
for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用





Hand and Machine Taps - **LEFT HAND**

Metric ISO-thread DIN 13

手用和机用丝锥 - **左旋**

公制ISO螺纹 DIN 13



ISO 529

HSS-G

Tol. ISO2/6H

M

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
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Straight Flute Set of 3 pcs. / 直槽, 3支/套

M 3 x 0.5	48	11	3.15	2.5	80326
M 4 x 0.7	53	13	4.00	3.15	80330
M 5 x 0.8	58	16	5.00	4.0	80334
M 6 x 1.0	66	19	6.30	5.0	80338
M 8 x 1.25	72	22	8.00	6.3	80342
M 10 x 1.5	80	24	10.00	8.0	80346
M 12 x 1.75	89	29	9.00	7.1	80350
M 14 x 2.0	95	30	11.20	9.0	80354
M 16 x 2.0	102	32	12.50	10.0	80358
M 18 x 2.5	110	37	14.00	11.2	80362
M 20 x 2.5	112	37	14.00	11.2	80366
M 22 x 2.5	118	35	16.00	12.5	80370
M 24 x 3.0	130	45	18.00	14.0	80374
M 27 x 3.0	135	45	20.00	16.0	80376
M 30 x 3.5	138	48	20.00	18.0	80378

Spiral Point / 螺尖

M 3 x 0.5	48	11	3.15	2.5	80810
M 4 x 0.7	53	13	4.00	3.15	80812
M 5 x 0.8	58	16	5.00	4.0	80814
M 6 x 1.0	66	19	6.30	5.0	80816
M 8 x 1.25	72	22	8.00	6.3	80818
M 10 x 1.5	80	24	10.00	8.0	80820
M 12 x 1.75	89	29	9.00	7.1	80822

Spiral Flute 35° / 螺旋槽

M 3 x 0.5	48	11	3.15	2.5	80850
M 4 x 0.7	53	13	4.00	3.15	80852
M 5 x 0.8	58	16	5.00	4.0	80854
M 6 x 1.0	66	19	6.30	5.0	80856
M 8 x 1.25	72	22	8.00	6.3	80858
M 10 x 1.5	80	24	10.00	8.0	80860
M 12 x 1.75	89	29	9.00	7.1	80862

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel

Straight Flute

for through and blind holes

Spiral Point

for through holes

Spiral Flute

for blind holes

应用:

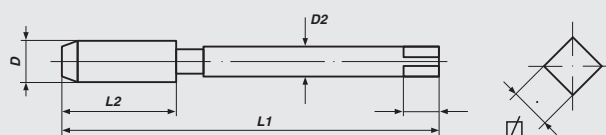
通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢

直槽用于通孔和盲孔

螺尖用于通孔

螺旋槽用于盲孔



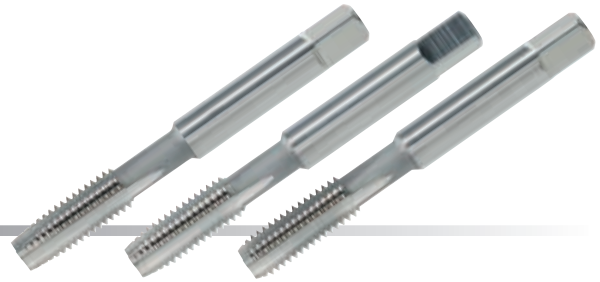


Taps - Straight Flute - *LEFT HAND*

Unified thread ANSI B 1.1

直槽丝锥 - 左旋

统一制螺纹 ANSI B 1.1



ISO 529

HSS-G

Tol. 2B

UNC / UNF

Nominal Diameter D	L 1	L 2	D 2	Ø	Art.-No.
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UNC

UNC 1/4 x 20	66	19	6.3	5.0	82310
UNC 5/16 x 18	72	22	8.0	6.3	82311
UNC 3/8 x 16	80	24	10.0	8.0	82312
UNC 7/16 x 14	85	25	8.0	6.3	82313
UNC 1/2 x 13	89	29	9.0	7.1	82314
UNC 9/16 x 12	95	30	11.2	9.0	82315
UNC 5/8 x 11	102	32	12.5	10.0	82316
UNC 3/4 x 10	112	37	14.0	11.2	82317
UNC 7/8 x 9	118	38	16.0	12.5	82318
UNC 1" x 8	130	45	18.0	14.0	82319

UNF

UNF 1/4 x 28	66	19	6.3	5.0	82350
UNF 5/16 x 24	69	19	8.0	6.3	82351
UNF 3/8 x 24	76	20	10.0	8.0	82352
UNF 7/16 x 20	83	22	8.0	6.3	82353
UNF 1/2 x 20	84	24	9.0	7.1	82354
UNF 9/16 x 18	90	25	11.2	9.0	82355
UNF 5/8 x 18	95	25	12.5	10.0	82356
UNF 3/4 x 16	104	29	14.0	11.2	82357
UNF 7/8 x 14	113	33	16.0	12.5	82358
UNF 1" x 12	120	35	18.0	14.0	82359

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

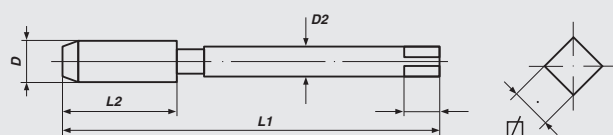
应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用

How to order / 如何订货:

1/4 UNF Set	=	82350
1/4 UNF Taper	=	82350-1
1/4 UNF Second	=	82350-2
1/4 UNF Plug	=	82350-3





Taps - Straight Flute - **LEFT HAND**

Whitworth thread BS 84

直槽丝锥 - 左旋

惠氏螺纹 BS 84



ISO 529

HSS-G

BSW

Nominal Diameter D	L 1	L 2	D 2	∅	Art.-No.
BSW 1/8 x 40	48	11	3.15	2.5	84307
BSW 5/32 x 32	53	13	4.0	3.15	84308
BSW 3/16 x 24	58	16	5.0	4.0	84309
BSW 1/4 x 20	66	19	6.3	5.0	84310
BSW 5/16 x 18	72	22	8.0	6.3	84311
BSW 3/8 x 16	80	24	10.0	8.0	84312
BSW 7/16 x 14	85	25	8.0	6.3	84313
BSW 1/2 x 12	89	29	9.0	7.1	84314
BSW 9/16 x 12	95	30	11.2	9.0	84315
BSW 5/8 x 11	102	32	12.5	10.0	84316
BSW 3/4 x 10	112	37	14.0	11.2	84317
BSW 7/8 x 9	118	38	16.0	12.5	84318
BSW 1" x 8	130	45	18.0	14.0	84319

Application:

for general use

- non abrasive material up to 900 N/mm²
- unalloyed and low alloyed steel
- for through and blind holes
- for thread cutting by hand and machine

How to order/如何订货:

- 1/4 UNF Set = 82350
- 1/4 UNF Taper = 82350-1
- 1/4 UNF Second = 82350-2
- 1/4 UNF Plug = 82350-3

应用:

通用

- 抗拉强度小于900N/mm²的非研磨材料
- 非合金钢和低合金钢
- 通孔和盲孔
- 手用和机用

