


















ROUND DIES  
HEXAGON DIE NUTS  
圓板牙  
六方板牙

JIS	HSS 	HSSE 	LH 	HSS 	LH 
M	218				
Mf	219				
PS (BSPP / Rp)	220				
PF (BSPF / G)	220				
PT (BSPT / R)	221				
NPT	222				
NPTF	222				
NPS	223				
DIN	HSS 	HSSE 	LH 	HSS 	LH 
M	224	242	245	260	269
M - 6e	226				
Mf	227	243	246	261	
BSW	233		249	263	
BSF	233			263	
UNC	234		250	264	
UNF	235		250	264	
8 - UN				265	
UNEF	236				
G (BSPF / PF)	237	244	251	266	270
R (BSPT / PT)				267	
PG	238				
NPT	239			268	
ISO	HSS 	HSSE 	LH 	HSS 	LH 
M	252				
Mf	253				
BSW	254				
BSF	255				
UNC	256				
UNF	257				
BA	258				
G (BSPF / PF)	259				



**because available ■ because reliable ■ because you ■**



**Round Split Dies**  
metric ISO-thread DIN 13

**可调圆板牙**  
公制ISO螺纹 DIN 13



**JIS B 4451 HSS**

**Tol: 6g**

**M**

Nominal Diameter mm	Ø o / d	Art.-No.
M 3 x 0.5	25 mm	90022
M 3.5 x 0.6	25 mm	90024
M 4 x 0.7	25 mm	90026
M 5 x 0.8	25 mm	90030
M 5 x 0.8	38 mm	90031
M 6 x 1.0	25 mm	90038
M 6 x 1.0	38 mm	90039
M 7 x 1.0	25 mm	90044
M 7 x 1.0	38 mm	90045
M 8 x 1.25	25 mm	90046
M 8 x 1.25	38 mm	90047
M 8 x 1.25	50 mm	90150
M 10 x 1.5	25 mm	90054
M 10 x 1.5	38 mm	90055
M 10 x 1.5	50 mm	90153
M 12 x 1.75	38 mm	90060
M 12 x 1.75	50 mm	90061
M 14 x 2.0	38 mm	90066
M 14 x 2.0	50 mm	90067
M 16 x 2.0	38 mm	90072
M 16 x 2.0	50 mm	90073
M 18 x 2.5	50 mm	90078
M 20 x 2.5	50 mm	90084
M 22 x 2.5	50 mm	90090
M 22 x 2.5	65 mm	90091
M 24 x 3.0	65 mm	90096
M 24 x 3.0	50 mm	90097
M 27 x 3.0	65 mm	90102
M 30 x 3.5	65 mm	90108
M 33 x 3.5	65 mm	90116
M 36 x 4.0	65 mm	90124

**Application:**

**for general use**

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

**应用:**

**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



**Round Split Dies**  
metric-fine ISO-thread DIN 13

**可调圆板牙**  
公制细牙ISO螺纹 DIN 13



**JIS B 4451 HSS**

**Tol: 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 8 x 1.0	25 mm	90048
M 8 x 1.0	38 mm	90049
M 8 x 0.75	25 mm	90050
M 8 x 0.75	38 mm	90051
M 10 x 1.25	25 mm	90052
M 10 x 1.25	38 mm	90059
M 10 x 1.25	50 mm	90154
M 10 x 1.0	25 mm	90056
M 10 x 1.0	38 mm	90057
M 10 x 1.0	50 mm	90155
M 12 x 1.5	38 mm	90062
M 12 x 1.5	50 mm	90063
M 12 x 1.25	50 mm	90156
M 12 x 1.0	38 mm	90064
M 12 x 1.0	50 mm	90065
M 14 x 1.5	38 mm	90068
M 14 x 1.5	50 mm	90069
M 14 x 1.25	50 mm	90157
M 14 x 1.0	38 mm	90070
M 14 x 1.0	50 mm	90071
M 16 x 1.5	38 mm	90074
M 16 x 1.5	50 mm	90075
M 16 x 1.0	38 mm	90076
M 16 x 1.0	50 mm	90077
M 18 x 1.5	50 mm	90080
M 18 x 1.0	50 mm	90082
M 20 x 1.5	50 mm	90086
M 20 x 1.0	50 mm	90088
M 22 x 1.5	50 mm	90092
M 22 x 1.5	65 mm	90093
M 22 x 1.0	50 mm	90094
M 22 x 1.0	65 mm	90095
M 24 x 1.5	65 mm	90098
M 24 x 1.5	50 mm	90099
M 24 x 1.0	65 mm	90100
M 24 x 1.0	50 mm	90101
M 27 x 2.0	65 mm	90104
M 27 x 1.5	65 mm	90106
M 30 x 1.5	65 mm	90112
M 33 x 1.5	65 mm	90120
M 36 x 1.5	65 mm	90130

**Application:**

**for general use**

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

**应用:**

**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



## Round Split Dies

Pipe thread

### 可调圆板牙

管螺纹



**JIS B 4451 HSS**

**PS / PF**

Nominal Diameter mm	Ø o / d	Art.-No.
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#### PS (BSPP / Rp)

PS 1/8 x 28	50 mm	95008
PS 1/4 x 19	50 mm	95016
PS 3/8 x 19	50 mm	95020
PS 1/2 x 14	50 mm	95022
PS 3/4 x 14	50 mm	95030
PS 1" x 11	50 mm	95038

#### PF (BSPF / G)

PF 1/8 x 28	38 mm	96006
PF 1/8 x 28	50 mm	96008
PF 1/4 x 19	38 mm	96014
PF 1/4 x 19	50 mm	96016
PF 3/8 x 19	38 mm	96018
PF 3/8 x 19	50 mm	96020
PF 1/2 x 14	50 mm	96022
PF 3/4 x 14	50 mm	96030
PF 3/4 x 14	65 mm	96032
PF 1" x 11	50 mm	96038
PF 1" x 11	65 mm	96040
PF 1" x 11	75 mm	96042
PF 1.1/4 x 11	65 mm	96046
PF 1.1/4 x 11	75 mm	96048

#### Application:

##### for general use

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

#### 应用:

##### 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



## Round Split Dies

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

## 可调圆板牙

锥管螺纹, 锥度 1:16, 牙型角55°



**JIS B 4451 HSS**

**PT (BSPT / R)**

Nominal Diameter mm	Ø o / d	Art.-No.
PT 1/8 x 28	38 mm	97006
PT 1/8 x 28	50 mm	97008
PT 1/4 x 19	38 mm	97014
PT 1/4 x 19	50 mm	97016
PT 3/8 x 19	38 mm	97018
PT 3/8 x 19	50 mm	97020
PT 1/2 x 14	50 mm	97022
PT 5/8 x 14	50 mm	97026
PT 3/4 x 14	50 mm	97030
PT 3/4 x 14	65 mm	97032
PT 7/8 x 14	65 mm	97036
PT 1" x 11	50 mm	97038
PT 1" x 11	65 mm	97040
PT 1" x 11	75 mm	97042
PT 1.1/4 x 11	65 mm	97046
PT 1.1/4 x 11	75 mm	97048
PT 1.1/2 x 11	90 mm	97054

**Application:**

**for general use**

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

**应用:**

**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



## Round Split Dies

american tapered pipe-thread, taper 1:16

## 可调圆板牙

美制锥管螺纹, 锥度 1:16



**JIS B 4451 HSS**

**NPT / NPTF**

Nominal Diameter mm	Ø o / d	Art.-No.
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### NPT

NPT 1/8 x 27	38 mm	98006
NPT 1/8 x 27	50 mm	98008
NPT 1/4 x 18	38 mm	98014
NPT 1/4 x 18	50 mm	98016
NPT 3/8 x 18	38 mm	98018
NPT 3/8 x 18	50 mm	98020
NPT 1/2 x 14	38 mm	98022
NPT 3/4 x 14	50 mm	98030
NPT 3/4 x 14	38 mm	98032
NPT 1" x 11.5	50 mm	98038
NPT 1" x 11.5	38 mm	98040
NPT 1" x 11.5	50 mm	98042
NPT 1.1/4 x 11.5	38 mm	98046
NPT 1.1/4 x 11.5	50 mm	98048

### NPTF

NPTF 1/8 x 27	50 mm	98072
NPTF 1/4 x 18	50 mm	98074
NPTF 3/8 x 18	50 mm	98076
NPTF 1/2 x 14	50 mm	98078
NPTF 3/4 x 14	50 mm	98080
NPTF 1" x 11.5	50 mm	98082

#### Application:

##### for general use

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

#### 应用:

##### 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



**Round Split Dies**  
american tapered pipe thread

**可调圆板牙**  
美制锥管螺纹



**JIS B 4451 HSS**

**NPS**

Nominal Diameter mm	Ø o / d	Art.-No.
NPS 1/8 x 27	50 mm	99008
NPS 1/4 x 18	50 mm	99016
NPS 3/8 x 18	50 mm	99020
NPS 1/2 x 14	50 mm	99022
NPS 3/4 x 14	50 mm	99030
NPS 1" x 11.5	50 mm	99038



**Application:**

**for general use**

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

**应用:**

**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



**Round Dies**  
metric ISO-thread DIN 13

**圓板牙**  
公制ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**M**

Nominal Diameter mm	Ø o / d	Art.-No.
M 1 x 0.25	16 x 5	27402
M 1.1 x 0.25	16 x 5	27404
M 1.2 x 0.25	16 x 5	27406
M 1.4 x 0.3	16 x 5	27408
M 1.6 x 0.35	16 x 5	27410
M 1.7 x 0.35	16 x 5	27412
M 1.8 x 0.35	16 x 5	27414
M 2 x 0.4	16 x 5	27416
M 2.2 x 0.45	16 x 5	27418
M 2.3 x 0.4	16 x 5	27420
M 2.5 x 0.45	16 x 5	27422
M 2.6 x 0.45	16 x 5	27424
M 3 x 0.5	20 x 5	27426
M 3.5 x 0.6	20 x 5	27428
M 4 x 0.7	20 x 5	27430
M 4.5 x 0.75	20 x 7	27432
M 5 x 0.8	20 x 7	27434
M 5.5 x 0.9	20 x 7	27436
M 6 x 1.0	20 x 7	27438
M 7 x 1.0	25 x 9	27440
M 8 x 1.25	25 x 9	27442
M 9 x 1.25	25 x 9	27444
M 10 x 1.5	30 x 11	27446
M 11 x 1.5	30 x 11	27448
M 12 x 1.75	38 x 14	27450
M 14 x 2.0	38 x 14	27454
M 15 x 2.0	38 x 14	27456
M 16 x 2.0	45 x 18	27458
M 18 x 2.5	45 x 18	27462
M 19 x 2.5	45 x 18	27464
M 20 x 2.5	45 x 18	27466
M 22 x 2.5	55 x 22	27470
M 24 x 3.0	55 x 22	27474
M 27 x 3.0	65 x 25	27476
M 30 x 3.5	65 x 25	27478
M 33 x 3.5	65 x 25	27480
M 36 x 4.0	65 x 25	27482
M 39 x 4.0	75 x 30	27484
M 42 x 4.5	75 x 30	27486
M 45 x 4.5	90 x 36	27488
M 48 x 5.0	90 x 36	27490
M 52 x 5.0	90 x 36	27492
M 56 x 5.5	105 x 36	27494
M 60 x 5.5	105 x 36	27496
M 64 x 6.0	120 x 36	27498
M 68 x 6.0	120 x 36	27499

**Application:**

**for general use**

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

**应用:**

**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





## Round Dies

metric ISO-thread DIN 13

## 圓板牙

公制ISO螺紋 DIN 13



**HSS**

**Tol. 6g**

**M**

Nominal Diameter mm	Ø o / d	Art.-No.
M 72 x 6.0	120 x 36	28280
M 76 x 6.0	120 x 36	28281
M 80 x 6.0	120 x 36	28282
M 84 x 6.0	130 x 36	28283
M 88 x 6.0	140 x 36	28284
M 90 x 6.0	140 x 36	28285
M 92 x 6.0	140 x 36	28286
M 96 x 6.0	140 x 36	28287
M 100 x 6.0	150 x 36	28288
M 3 x 0.5	25 x 9	27826
M 4 x 0.7	25 x 9	27830
M 5 x 0.8	25 x 9	27834
M 6 x 1.0	25 x 9	27838
M 8 x 1.25	25 x 9	27842
M 10 x 1.5	25 x 9	27846
M 12 x 1.75	25 x 9	27850
M 3 x 0.5	25.4	Form A 27926
M 4 x 0.7	25.4	Form A 27930
M 5 x 0.8	25.4	Form A 27934
M 6 x 1.0	25.4	Form A 27938
M 8 x 1.25	25.4	Form A 27942
M 10 x 1.5	25.4	Form A 27946
M 12 x 1.75	25.4	Form A 27950
M 14 x 2.0	38.1	Form A 27954
M 16 x 2.0	38.1	Form A 27958
M 18 x 2.5	38.1	Form A 27962
M 20 x 2.5	38.1	Form A 27966

**Application:**

**for general use**

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

**应用:**

**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



**Round Dies**  
metric ISO-thread DIN 13

**圓板牙**  
公制ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6e**

**M**

Nominal Diameter mm	Ø o / d	Art.-No.
M 3 x 0.5	20 x 5	27503
M 4 x 0.7	20 x 5	27505
M 5 x 0.8	20 x 7	27507
M 6 x 1.0	20 x 7	27509
M 8 x 1.25	25 x 9	27511
M 10 x 1.5	30 x 11	27513
M 12 x 1.75	38 x 14	27515
M 14 x 2.0	38 x 14	27516
M 16 x 2.0	45 x 18	27517
M 18 x 2.5	45 x 18	27518
M 20 x 2.5	45 x 18	27519

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies

metric-fine ISO-thread DIN 13

## 圓板牙

公制細牙ISO螺紋 DIN 13

**DIN 223 (DIN EN 22568)****HSS****Tol. 6g****Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 2.5 x 0.35	16 x 5	26404
M 2.6 x 0.35	16 x 5	26405
M 3 x 0.35	20 x 5	26408
M 3.5 x 0.35	20 x 5	26409
M 4 x 0.35	20 x 5	26410
M 4 x 0.5	20 x 5	26412
M 4.5 x 0.5	20 x 5	26413
M 5 x 0.5	20 x 5	26414
M 5 x 0.75	20 x 7	26416
M 5.5 x 0.5	20 x 5	26415
M 6 x 0.5	20 x 5	26417
M 6 x 0.75	20 x 7	26418
M 7 x 0.5	25 x 9	26419
M 7 x 0.75	25 x 9	26420
M 8 x 0.5	25 x 9	26422
M 8 x 0.75	25 x 9	26424
M 8 x 1.0	25 x 9	26426
M 9 x 0.5	25 x 9	26427
M 9 x 0.75	25 x 9	26428
M 9 x 1.0	25 x 9	26430
M 10 x 0.5	30 x 11	26431
M 10 x 0.75	30 x 11	26432
M 10 x 1.0	30 x 11	26436
M 10 x 1.25	30 x 11	26438
M 11 x 1.0	30 x 11	26440
M 11 x 1.25	30 x 11	26442
M 12 x 0.5	38 x 10	26445
M 12 x 0.75	38 x 10	26443
M 12 x 1.0	38 x 10	26444
M 12 x 1.25	38 x 10	26446
M 12 x 1.5	38 x 10	26448
M 13 x 0.5	38 x 10	26447
M 13 x 0.75	38 x 10	26449
M 13 x 1.0	38 x 10	26450
M 13 x 1.5	38 x 10	26451
M 14 x 0.5	38 x 10	26455
M 14 x 0.75	38 x 10	26452
M 14 x 1.0	38 x 10	26453
M 14 x 1.25	38 x 10	26454
M 14 x 1.5	38 x 10	26456
M 15 x 0.75	38 x 10	26457
M 15 x 1.0	38 x 10	26458
M 15 x 1.5	38 x 10	26460
M 16 x 0.5	45 x 14	26461
M 16 x 0.75	45 x 14	26463

**Application:****for general use**

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

**应用:****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



## Round Dies

metric-fine ISO-thread DIN 13

## 圓板牙

公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 16 x 1.0	45 x 14	26462
M 16 x 1.25	45 x 14	26464
M 16 x 1.5	45 x 14	26466
M 17 x 1.0	45 x 14	26468
M 17 x 1.5	45 x 14	26469
M 18 x 0.5	45 x 14	26467
M 18 x 0.75	45 x 14	26473
M 18 x 1.0	45 x 14	26470
M 18 x 1.25	45 x 14	26471
M 18 x 1.5	45 x 14	26472
M 18 x 2.0	45 x 14	26474
M 19 x 1.0	45 x 14	26475
M 19 x 1.5	45 x 14	26476
M 20 x 0.5	45 x 14	26477
M 20 x 0.75	45 x 14	26479
M 20 x 1.0	45 x 14	26478
M 20 x 1.25	45 x 14	26480
M 20 x 1.5	45 x 14	26484
M 20 x 2.0	45 x 14	26486
M 21 x 1.0	45 x 14	26487
M 21 x 1.5	45 x 14	26488
M 22 x 0.5	55 x 16	26489
M 22 x 0.75	55 x 16	26491
M 22 x 1.0	55 x 16	26490
M 22 x 1.25	55 x 16	26492
M 22 x 1.5	55 x 16	26494
M 22 x 2.0	55 x 16	26496
M 23 x 1.0	55 x 16	26497
M 23 x 1.5	55 x 16	26498
M 24 x 0.5	55 x 16	26601
M 24 x 0.75	55 x 16	26603
M 24 x 1.0	55 x 16	26600
M 24 x 1.25	55 x 16	26602
M 24 x 1.5	55 x 16	26604
M 24 x 2.0	55 x 16	26606
M 25 x 1.0	55 x 16	26607
M 25 x 1.5	55 x 16	26608
M 26 x 1.0	55 x 16	26610
M 26 x 1.5	55 x 16	26612
M 26 x 2.0	55 x 16	26614
M 27 x 1.0	65 x 18	26616
M 27 x 1.5	65 x 18	26617
M 27 x 2.0	65 x 18	26618
M 28 x 1.0	65 x 18	26620
M 28 x 1.5	65 x 18	26622
M 28 x 2.0	65 x 18	26624
M 29 x 1.5	65 x 18	26626
M 30 x 1.0	65 x 18	26628
M 30 x 1.5	65 x 18	26630
M 30 x 2.0	65 x 18	26632





## Round Dies

metric-fine ISO-thread DIN 13

## 圓板牙

公制細牙ISO螺紋 DIN 13

**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 30 x 2.5	65 x 18	26633
M 30 x 3.0	65 x 25	26634
M 32 x 1.0	65 x 18	26639
M 32 x 1.5	65 x 18	26636
M 32 x 2.0	65 x 18	26635
M 32 x 3.0	65 x 25	26637
M 33 x 1.5	65 x 18	26638
M 33 x 2.0	65 x 18	26640
M 33 x 3.0	65 x 25	26642
M 34 x 1.0	65 x 18	26643
M 34 x 1.5	65 x 18	26644
M 34 x 2.0	65 x 18	26646
M 35 x 1.0	65 x 18	26647
M 35 x 1.5	65 x 18	26648
M 35 x 2.0	65 x 18	26649
M 36 x 1.0	65 x 18	26651
M 36 x 1.5	65 x 18	26650
M 36 x 2.0	65 x 18	26652
M 36 x 3.0	65 x 25	26654
M 37 x 1.5	65 x 18	26653
M 38 x 1.0	75 x 20	26655
M 38 x 1.5	75 x 20	26656
M 38 x 2.0	75 x 20	26657
M 38 x 3.0	75 x 30	26659
M 39 x 1.5	75 x 20	26658
M 39 x 2.0	75 x 20	26660
M 39 x 3.0	75 x 30	26662
M 40 x 1.0	75 x 20	26663
M 40 x 1.5	75 x 20	26664
M 40 x 2.0	75 x 20	26666
M 40 x 3.0	75 x 30	26668
M 42 x 1.0	75 x 20	26669
M 42 x 1.5	75 x 20	26670
M 42 x 2.0	75 x 20	26672
M 42 x 3.0	75 x 30	26674
M 44 x 1.5	90 x 22	26671
M 44 x 2.0	90 x 22	26673
M 45 x 1.0	90 x 22	26675
M 45 x 1.5	90 x 22	26676
M 45 x 2.0	90 x 22	26678
M 45 x 3.0	90 x 36	26680
M 46 x 1.5	90 x 22	26681
M 48 x 1.0	90 x 22	26683
M 48 x 1.5	90 x 22	26682
M 48 x 2.0	90 x 22	26684
M 48 x 3.0	90 x 36	26686
M 50 x 1.5	90 x 22	26688
M 50 x 2.0	90 x 22	26690
M 50 x 3.0	90 x 36	26692
M 52 x 1.5	90 x 22	26694



## Round Dies

metric-fine ISO-thread DIN 13

## 圓板牙

公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 52 x 2.0	90 x 22	26696
M 52 x 3.0	90 x 36	26698
M 54 x 1.0	105 x 22	28267
M 54 x 1.5	105 x 22	28150
M 54 x 2.0	105 x 22	28151
M 54 x 3.0	105 x 36	28152
M 54 x 4.0	105 x 36	28153
M 55 x 1.5	105 x 22	28154
M 55 x 2.0	105 x 22	28155
M 55 x 3.0	105 x 36	28156
M 55 x 4.0	105 x 36	28157
M 56 x 1.0	105 x 22	28268
M 56 x 1.5	105 x 22	28158
M 56 x 2.0	105 x 22	28159
M 56 x 3.0	105 x 36	28160
M 56 x 4.0	105 x 36	28161
M 58 x 1.0	105 x 22	28269
M 58 x 1.5	105 x 22	28162
M 58 x 2.0	105 x 22	28163
M 58 x 3.0	105 x 36	28164
M 58 x 4.0	105 x 36	28165
M 60 x 1.5	105 x 22	28166
M 60 x 2.0	105 x 22	28167
M 60 x 3.0	105 x 36	28168
M 60 x 4.0	105 x 36	28169
M 62 x 1.5	105 x 22	28170
M 62 x 2.0	105 x 22	28171
M 62 x 3.0	105 x 36	28172
M 62 x 4.0	105 x 36	28173
M 63 x 1.5	105 x 22	28174
M 64 x 1.5	120 x 22	28175
M 64 x 2.0	120 x 22	28176
M 64 x 3.0	120 x 36	28177
M 64 x 4.0	120 x 36	28178
M 65 x 1.5	120 x 22	28179
M 65 x 2.0	120 x 22	28180
M 65 x 3.0	120 x 36	28181
M 65 x 4.0	120 x 36	28182
M 68 x 1.5	120 x 22	28183
M 68 x 2.0	120 x 22	28184
M 68 x 3.0	120 x 36	28185
M 68 x 4.0	120 x 36	28186
M 70 x 1.5	120 x 22	28187
M 70 x 2.0	120 x 22	28188
M 70 x 3.0	120 x 36	28189
M 70 x 4.0	120 x 36	28190
M 72 x 1.5	120 x 22	28191
M 72 x 2.0	120 x 22	28192
M 72 x 3.0	120 x 36	28193
M 72 x 4.0	120 x 36	28194





## Round Dies

metric-fine ISO-thread DIN 13

## 圓板牙

公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 74 x 1.5	120 x 22	28195
M 74 x 2.0	120 x 22	28196
M 74 x 3.0	120 x 36	28197
M 74 x 4.0	120 x 36	28198
M 75 x 1.5	120 x 22	28199
M 75 x 2.0	120 x 22	28200
M 75 x 3.0	120 x 36	28201
M 75 x 4.0	120 x 36	28202
M 76 x 1.5	120 x 22	28203
M 76 x 2.0	120 x 22	28204
M 76 x 3.0	120 x 36	28205
M 76 x 4.0	120 x 36	28206
M 78 x 1.5	120 x 22	28207
M 78 x 2.0	120 x 22	28208
M 78 x 3.0	120 x 36	28209
M 78 x 4.0	120 x 36	28210
M 80 x 1.5	120 x 22	28211
M 80 x 2.0	120 x 22	28212
M 80 x 3.0	120 x 36	28213
M 80 x 4.0	120 x 36	28214
M 82 x 1.5	130 x 25	28215
M 82 x 2.0	130 x 25	28216
M 82 x 3.0	130 x 36	28217
M 82 x 4.0	130 x 36	28218
M 84 x 1.5	130 x 25	28219
M 84 x 2.0	130 x 25	28220
M 84 x 3.0	130 x 36	28221
M 84 x 4.0	130 x 36	28222
M 85 x 1.5	130 x 25	28223
M 85 x 2.0	130 x 25	28224
M 85 x 3.0	130 x 36	28225
M 85 x 4.0	130 x 36	28226
M 86 x 1.5	140 x 22	28227
M 86 x 2.0	140 x 22	28228
M 86 x 3.0	140 x 22	28229
M 86 x 4.0	140 x 22	28230
M 88 x 1.5	140 x 22	28231
M 88 x 2.0	140 x 22	28232
M 88 x 3.0	140 x 22	28233
M 88 x 4.0	140 x 22	28234
M 90 x 1.5	140 x 22	28235
M 90 x 2.0	140 x 22	28236
M 90 x 3.0	140 x 22	28237
M 90 x 4.0	140 x 22	28238
M 92 x 1.5	140 x 22	28239
M 92 x 2.0	140 x 22	28240
M 92 x 3.0	140 x 22	28241
M 92 x 4.0	140 x 22	28242
M 95 x 1.5	140 x 22	28243
M 95 x 2.0	140 x 22	28244





**Round Dies**

metric-fine ISO-thread DIN 13

**圓板牙**

公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 95 x 3.0	140 x 22	28245
M 95 x 4.0	140 x 22	28246
M 96 x 1.5	140 x 22	28247
M 96 x 2.0	140 x 22	28248
M 96 x 3.0	140 x 22	28249
M 96 x 4.0	140 x 22	28250
M 98 x 1.5	150 x 25	28251
M 98 x 2.0	150 x 25	28252
M 98 x 3.0	150 x 25	28253
M 98 x 4.0	150 x 25	28254
M 100 x 1.5	150 x 25	28255
M 100 x 2.0	150 x 25	28256
M 100 x 3.0	150 x 25	28257
M 100 x 4.0	150 x 25	28258
M 105 x 1.5	150 x 25	28259
M 105 x 2.0	150 x 25	28260
M 105 x 3.0	150 x 25	28261
M 105 x 4.0	150 x 25	28262
M 110 x 1.5	160 x 25	28263
M 110 x 2.0	160 x 25	28264
M 110 x 3.0	160 x 25	28265
M 110 x 4.0	160 x 25	28266





## Round Dies

Whitworth-thread BS 84

## 圓板牙

惠氏螺紋 BS 84

**DIN 223 (DIN EN 22568) HSS**

**BSW / BSF**

Nominal Diameter	Ø o / d	Art.-No.
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### BSW

BSW 1/16 x 60	16 x 5	22402
BSW 3/32 x 48	16 x 5	22404
BSW 1/8 x 40	20 x 5	22406
BSW 5/32 x 32	20 x 5	22408
BSW 3/16 x 24	20 x 7	22410
BSW 7/32 x 24	20 x 7	22412
BSW 1/4 x 20	20 x 7	22414
BSW 5/16 x 18	25 x 9	22416
BSW 3/8 x 16	30 x 11	22418
BSW 7/16 x 14	30 x 11	22420
BSW 1/2 x 12	38 x 14	22422
BSW 9/16 x 12	38 x 14	22424
BSW 5/8 x 11	45 x 18	22426
BSW 3/4 x 10	45 x 18	22430
BSW 7/8 x 9	55 x 22	22434
BSW 1" x 8	55 x 22	22438
BSW 1.1/8 x 7	65 x 25	22442
BSW 1.1/4 x 7	65 x 25	22446
BSW 1.3/8 x 6	65 x 25	22450
BSW 1.1/2 x 6	65 x 25	22452
BSW 1.1/2 x 6	75 x 30	22454
BSW 1.5/8 x 5	75 x 30	22458
BSW 1.3/4 x 5	90 x 36	22462
BSW 1.7/8 x 4.1/2	90 x 36	22466
BSW 2" x 4.1/2	90 x 36	22470
BSW 2.1/4 x 4	105 x 36	22472
BSW 2.1/2 x 4	105 x 36	22474
BSW 2.3/4 x 3.1/2	120 x 36	22476
BSW 3" x 3.1/2	120 x 36	22478

### BSF

BSF 3/16 x 32	20 x 7	22810
BSF 1/4 x 26	20 x 7	22814
BSF 5/16 x 22	25 x 9	22816
BSF 3/8 x 20	30 x 11	22818
BSF 7/16 x 18	30 x 11	22820
BSF 1/2 x 16	38 x 10	22822
BSF 9/16 x 16	38 x 10	22824
BSF 5/8 x 14	45 x 14	22826
BSF 3/4 x 12	45 x 14	22830
BSF 7/8 x 11	55 x 16	22834
BSF 1" x 10	55 x 22	22838

#### Application:

##### for general use

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

#### 应用:

##### 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



## Round Dies

Unified Coarse thread ANSI B 1.1

## 圓板牙

统一制粗牙螺纹 ANSI B 1.1



**DIN 223 (DIN EN 22568)**

**HSS**

**UNC**

Nominal Diameter	Ø o / d	Art.-No.
UNC Nr. 1 x 64	16 x 5	23401
UNC Nr. 2 x 56	16 x 5	23402
UNC Nr. 3 x 48	16 x 5	23403
UNC Nr. 4 x 40	20 x 5	23404
UNC Nr. 5 x 40	20 x 5	23405
UNC Nr. 6 x 32	20 x 7	23406
UNC Nr. 8 x 32	20 x 7	23408
UNC Nr.10 x 24	20 x 7	23410
UNC Nr.12 x 24	20 x 7	23412
UNC 1/4 x 20	20 x 7	23414
UNC 5/16 x 18	25 x 9	23416
UNC 3/8 x 16	30 x 11	23418
UNC 7/16 x 14	30 x 11	23420
UNC 1/2 x 13	38 x 14	23422
UNC 9/16 x 12	38 x 14	23424
UNC 5/8 x 11	45 x 18	23426
UNC 3/4 x 10	45 x 18	23430
UNC 7/8 x 9	55 x 22	23434
UNC 1" x 8	55 x 22	23438
UNC 1.1/8 x 7	65 x 25	23442
UNC 1.1/4 x 7	65 x 25	23446
UNC 1.3/8 x 6	65 x 25	23450
UNC 1.1/2 x 6	65 x 25	23452
UNC 1.1/2 x 6	75 x 30	23454
UNC 1.5/8 x 5	75 x 30	23458
UNC 1.3/4 x 5	90 x 36	23462
UNC 1.7/8 x 4.1/2	90 x 36	23466
UNC 2" x 4.1/2	90 x 36	23470

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies

Unified Fine thread ANSI B 1.1

## 圓板牙

统一制细牙螺纹 ANSI B 1.1

**DIN 223 (DIN EN 22568)**

**HSS**

**UNF**

Nominal Diameter	Ø o / d	Art.-No.
UNF Nr. 0 x 80	16 x 5	24400
UNF Nr. 1 x 72	16 x 5	24401
UNF Nr. 2 x 64	16 x 5	24402
UNF Nr. 3 x 56	16 x 5	24403
UNF Nr. 4 x 48	20 x 5	24404
UNF Nr. 5 x 44	20 x 5	24405
UNF Nr. 6 x 40	20 x 5	24406
UNF Nr. 8 x 36	20 x 7	24408
UNF Nr. 10 x 32	20 x 7	24410
UNF Nr. 12 x 28	20 x 7	24412
UNF 1/4 x 28	20 x 7	24414
UNF 5/16 x 24	25 x 9	24416
UNF 3/8 x 24	30 x 11	24418
UNF 7/16 x 20	30 x 11	24420
UNF 1/2 x 20	38 x 10	24422
UNF 9/16 x 18	38 x 10	24424
UNF 5/8 x 18	45 x 14	24426
UNF 3/4 x 16	45 x 14	24430
UNF 7/8 x 14	55 x 16	24434
UNF 1" x 12	55 x 16	24438
UNF 1" x 14	55 x 16	24440
UNF 1.1/8 x 12	65 x 18	24442
UNF 1.1/4 x 12	65 x 18	24446
UNF 1.3/8 x 12	65 x 18	24450
UNF 1.1/2 x 12	65 x 18	24452
UNF 1.1/2 x 12	75 x 20	24454

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies

Unified Extra Fine thread ANSI B 1.1

## 圓板牙

统一制特细牙螺纹 ANSI B 1.1



**DIN 223 (DIN EN 22568)**

**HSS**

**UNEF**

Nominal Diameter	Ø o / d	Art.-No.
UNEF Nr. 12 x 32	20 x 7	24612
UNEF 1/4 x 32	20 x 7	24614
UNEF 5/16 x 32	25 x 9	24615
UNEF 3/8 x 32	30 x 11	24616
UNEF 7/16 x 28	30 x 11	24620
UNEF 1/2 x 28	38 x 10	24621
UNEF 9/16 x 24	38 x 10	24625
UNEF 5/8 x 24	45 x 14	24626
UNEF 11/16 x 24	45 x 14	24627
UNEF 3/4 x 20	45 x 14	24633
UNEF 13/16 x 20	55 x 16	24634
UNEF 7/8 x 20	55 x 16	24635
UNEF 15/16 x 20	55 x 16	24636
UNEF 1" x 20	55 x 16	24637
UNEF 1.1/16 x 18	65 x 18	24645
UNEF 1.1/8 x 18	65 x 18	24646
UNEF 1.3/16 x 18	65 x 18	24647
UNEF 1.1/4 x 18	65 x 18	24648
UNEF 1.5/16 x 18	65 x 18	24649
UNEF 1.3/8 x 18	65 x 18	24650
UNEF 1.7/16 x 18	75 x 20	24651
UNEF 1.1/2 x 18	75 x 20	24652

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies

Pipe-thread DIN ISO 228

## 圓板牙

管螺紋 DIN ISO 228

**DIN 5158 (DIN EN 24231) HSS**

**G (BSP)**

Nominal Diameter	Ø o / d	Art.-No.
G 1/8 x 28	30 x 11	25412
G 1/4 x 19	38 x 10	25414
G 3/8 x 19	45 x 14	25416
G 1/2 x 14	45 x 14	25418
G 5/8 x 14	55 x 16	25420
G 3/4 x 14	55 x 16	25422
G 7/8 x 14	65 x 18	25424
G 1" x 11	65 x 18	25426
G 1.1/8 x 11	75 x 20	25430
G 1.1/4 x 11	75 x 20	25434
G 1.3/8 x 11	90 x 22	25438
G 1.1/2 x 11	90 x 22	25442
G 1.5/8 x 11	90 x 22	25446
G 1.3/4 x 11	105 x 22	25450
G 2" x 11	90 x 22	25452
G 2" x 11	105 x 22	25454
G 2.1/4 x 11	120 x 22	25458
G 2.1/2 x 11	120 x 22	25462
G 2.3/4 x 11	120 x 22	25466
G 3" x 11	130 x 25	25470
G 3.1/2 x 11	150 x 25	25474
G 4" x 11	160 x 25	25478

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies

armoured tube thread DIN 40 430

## 圓板牙

装甲管螺纹 DIN 40 430



**DIN 40434 HSS**

**PG**

Nominal Diameter	Ø o / d	Art.-No.
PG 7 x 20	38 x 10	25807
PG 9 x 18	45 x 14	25809
PG 11 x 18	45 x 14	25811
PG 13.5 x 18	45 x 14	25813
PG 16 x 18	55 x 16	25816
PG 21 x 16	65 x 18	25821
PG 29 x 16	65 x 18	25829
PG 36 x 16	90 x 22	25836
PG 42 x 16	105 x 22	25842
PG 48 x 16	105 x 22	25848

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies

american tapered pipe thread, taper 1:16

## 圓板牙

美制锥管螺纹, 锥度 1: 16

## HSS

## NPT

Nominal Diameter	Ø o / d	Art.-No.
NPT 1/16 x 27	25 x 9	23610
NPT 1/8 x 27	30 x 11	23612
NPT 1/4 x 18	38 x 14	23614
NPT 3/8 x 18	45 x 14	23616
NPT 1/2 x 14	45 x 18	23618
NPT 5/8 x 14	55 x 22	23620
NPT 3/4 x 14	55 x 22	23622
NPT 7/8 x 14	65 x 25	23624
NPT 1" x 11.5	65 x 25	23626
NPT 1.1/4 x 11.5	75 x 26	23634
NPT 1.1/2 x 11.5	90 x 27	23642
NPT 2" x 11.5	105 x 28	23654

### Application:

#### for general use

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

### 应用:

#### 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



## Round Dies

Cycle thread DIN 79012 and BS 811

## 圓板牙

自行車螺紋DIN 79012和BS 811



**DIN 223 (DIN EN 22568)**

**HSS**

**FG / BSC**

Nominal Diameter	Ø o / d	Art.-No.
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### FG (DIN 79012)

FG 2 x 56	16 x 5	79301
FG 2.3 x 56	16 x 5	79302
FG 2.6 x 56	16 x 5	79303
FG 6.35 x 26	20 x 7	79304
FG 7.9 x 26	25 x 9	79305
FG 9.5 x 26	30 x 11	79306
FG 14.3 x 20	38 x 10	79307
FG 14.3 x 20 - LH	38 x 10	79308
FG 25.4 x 24	55 x 16	79309

### BSC (BS 811)

BSC 1/4 x 26	20 x 7	79320
BSC 5/16 x 26	25 x 9	79321
BSC 3/8 x 26	30 x 11	79322
BSC 9/16 x 20	38 x 10	79323
BSC 9/16 x 20 - LH	38 x 10	79324
BSC 1" x 24	55 x 16	79325

#### Application:

##### for general use

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

#### 应用:

##### 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





**Round Dies**

Valve thread DIN 7756

**圆板牙**

阀门螺纹DIN 7756

**DIN 223 (DIN EN 22568)**

**HSS**

**Vg**

Nominal Diameter	Ø o / d	Art.-No.
VG 5 x 36	20 x 7	79330
VG 5.2 x 24	20 x 7	79331
VG 6 x 32	20 x 7	79332
VG 8 x 32	25 x 9	79333
VG 10 x 28	30 x 11	79334
VG 12 x 26	30 x 11	79335

**Application:**

**for general use**

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

**应用:**

**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



**Round Dies, gun nosed**  
metric ISO-thread DIN 13

**圓板牙, 螺尖**  
公制ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS-E**

**Tol. 6g**

**M**

Nominal Diameter mm	Ø o / d	Art.-No.
M 3 x 0.5	20 x 5	57426
M 4 x 0.7	20 x 5	57430
M 5 x 0.8	20 x 7	57434
M 6 x 1.0	20 x 7	57438
M 8 x 1.25	25 x 9	57442
M 10 x 1.5	30 x 11	57446
M 12 x 1.75	38 x 14	57450
M 14 x 2.0	38 x 14	57454
M 16 x 2.0	45 x 18	57458
M 18 x 2.5	45 x 18	57462
M 20 x 2.5	45 x 18	57466
M 22 x 2.5	55 x 22	57470
M 24 x 3.0	55 x 22	57474
M 27 x 3.0	65 x 25	57476
M 30 x 3.5	65 x 25	57478

**Benefit:**

- high cutting ability
- reduction of torque
- uninterrupted swarf flow in direction of feed
- prevents jamming of swarf

**Application:**

- abrasive material up to 1200 N/mm<sup>2</sup>
- INOX (stainless steel)
- and general use

**优点:**

- 高切削性能
- 减少扭矩
- 切屑沿进给的方向不断流出
- 防止切屑堵塞

**应用:**

- 抗拉强度小于1200N/mm<sup>2</sup>的非研磨材料
- 不锈钢
- 通用



**Round Dies, gun nosed**  
metric-fine ISO-thread DIN 13

**圓板牙, 螺尖**  
公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS-E**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 6 x 0.75	20 x 7	56418
M 8 x 0.75	25 x 9	56424
M 8 x 1.0	25 x 9	56426
M 10 x 1.0	30 x 11	56436
M 10 x 1.25	30 x 11	56438
M 12 x 1.0	38 x 10	56444
M 12 x 1.25	38 x 10	56446
M 12 x 1.5	38 x 10	56448
M 14 x 1.25	38 x 10	56454
M 14 x 1.5	38 x 10	56456
M 16 x 1.5	45 x 14	56466
M 18 x 1.5	45 x 14	56472
M 18 x 2.0	45 x 14	56474
M 20 x 1.5	45 x 14	56484
M 20 x 2.0	45 x 14	56486
M 22 x 1.5	55 x 16	56494
M 24 x 1.5	55 x 16	56604

**Benefit:**

- high cutting ability
- reduction of torque
- uninterrupted swarf flow in direction of feed
- prevents jaming of swarf

**Application:**

- abrasive material up to 1200 N/mm<sup>2</sup>
- INOX (stainless steel)
- and general use

**优点:**

- 高切削性能
- 减少扭矩
- 切屑沿进给的方向不断流出
- 防止切屑堵塞

**应用:**

- 抗拉强度小于1200N/mm<sup>2</sup>的非研磨材料
- 不锈钢
- 通用



**Round Dies, gun nosed**  
Pipe-thread DIN ISO 228

**圓板牙, 螺尖**  
管螺紋 DIN ISO 228



**DIN 5158 (DIN EN 24231)**

**HSS-E**

**G (BSP)**

Nominal Diameter	Ø o / d	Art.-No.
G 1/8 x 28	30 x 11	55412
G 1/4 x 19	38 x 10	55414
G 3/8 x 19	45 x 14	55416
G 1/2 x 14	45 x 14	55418
G 3/4 x 14	55 x 16	55422
G 1" x 11	65 x 18	55426

**Benefit:**

- high cutting ability
- reduction of torque
- uninterrupted swarf flow in direction of feed
- prevents jamming of swarf

**Application:**

- abrasive material up to 1200 N/mm<sup>2</sup>
- INOX (stainless steel)
- and general use

**优点:**

- 高切削性能
- 减少扭矩
- 切屑沿进给的方向不断流出
- 防止切屑堵塞

**应用:**

- 抗拉强度小于1200N/mm<sup>2</sup>的非研磨材料
- 不锈钢
- 通用



**Round Dies, *Left Hand***

metric ISO-thread DIN 13

**圓板牙, 左旋**

公制ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**M**

Nominal Diameter mm	Ø o / d	Art.-No.
M 2 x 0.4	16 x 5	27216
M 3 x 0.5	20 x 5	27226
M 4 x 0.7	20 x 5	27230
M 5 x 0.8	20 x 7	27234
M 6 x 1.0	20 x 7	27238
M 8 x 1.25	25 x 9	27242
M 10 x 1.5	30 x 11	27246
M 12 x 1.75	38 x 14	27250
M 14 x 2.0	38 x 14	27254
M 16 x 2.0	45 x 18	27258
M 18 x 2.5	45 x 18	27262
M 20 x 2.5	45 x 18	27266
M 22 x 2.5	55 x 22	27270
M 24 x 3.0	55 x 22	27274
M 27 x 3.0	65 x 25	27276
M 30 x 3.5	65 x 25	27278
M 33 x 3.5	65 x 25	27280
M 36 x 4.0	65 x 25	27282
M 39 x 4.0	75 x 30	27284
M 42 x 4.5	75 x 30	27286
M 45 x 4.5	90 x 36	27288
M 48 x 5.0	90 x 36	27290
M 52 x 5.0	90 x 36	27292

**Application:**

**for general use**

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

**应用:**

**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



**Round Dies, Left Hand**  
metric-fine ISO-thread DIN 13

**圓板牙, 左旋**  
公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 2.5 x 0.35	16 x 5	26801
M 3 x 0.35	20 x 5	26802
M 3.5 x 0.35	20 x 5	26803
M 4 x 0.35	20 x 5	26804
M 4 x 0.5	20 x 5	26805
M 4.5 x 0.5	20 x 5	26806
M 5 x 0.5	20 x 5	26807
M 5 x 0.75	20 x 7	26808
M 5.5 x 0.5	20 x 5	26809
M 6 x 0.5	20 x 5	26810
M 6 x 0.75	20 x 7	26207
M 7 x 0.5	25 x 9	26811
M 7 x 0.75	25 x 9	26812
M 8 x 0.5	25 x 9	26813
M 8 x 0.75	25 x 9	26210
M 8 x 1.0	25 x 9	26211
M 9 x 0.5	25 x 9	26814
M 9 x 0.75	25 x 9	26815
M 9 x 1.0	25 x 9	26816
M 10 x 0.5	30 x 11	26817
M 10 x 0.75	30 x 11	26818
M 10 x 1.0	30 x 11	26215
M 10 x 1.25	30 x 11	26216
M 11 x 1.0	30 x 11	26819
M 11 x 1.25	30 x 11	26820
M 12 x 0.5	38 x 10	26821
M 12 x 0.75	38 x 10	26822
M 12 x 1.0	38 x 10	26220
M 12 x 1.25	38 x 10	26221
M 12 x 1.5	38 x 10	26222
M 13 x 0.5	38 x 10	26823
M 13 x 0.75	38 x 10	26824
M 13 x 1.0	38 x 10	26825
M 13 x 1.5	38 x 10	26826
M 14 x 0.5	38 x 10	26827
M 14 x 0.75	38 x 10	26828
M 14 x 1.0	38 x 10	26829
M 14 x 1.25	38 x 10	26227
M 14 x 1.5	38 x 10	26228
M 15 x 0.75	38 x 10	26830
M 15 x 1.0	38 x 10	26831
M 15 x 1.5	38 x 10	26832
M 16 x 0.75	45 x 14	26833
M 16 x 1.0	45 x 14	26231
M 16 x 1.25	45 x 14	26834
M 16 x 1.5	45 x 14	26233

**Application:**

**for general use**

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

**应用:**

**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



## Round Dies, *Left Hand*

metric-fine ISO-thread DIN 13

## 圓板牙, 左旋

公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Ø o / d	Art.-No.
M 17 x 1.0	45 x 14	26835
M 17 x 1.5	45 x 14	26836
M 18 x 0.75	45 x 14	26837
M 18 x 1.0	45 x 14	26838
M 18 x 1.25	45 x 14	26839
M 18 x 1.5	45 x 14	26236
M 18 x 2.0	45 x 14	26840
M 19 x 1.0	45 x 14	26841
M 19 x 1.5	45 x 14	26842
M 20 x 0.5	45 x 14	26843
M 20 x 0.75	45 x 14	26844
M 20 x 1.0	45 x 14	26845
M 20 x 1.25	45 x 14	26846
M 20 x 1.5	45 x 14	26240
M 20 x 2.0	45 x 14	26847
M 21 x 1.0	45 x 14	26848
M 21 x 1.5	45 x 14	26849
M 22 x 1.0	55 x 16	26850
M 22 x 1.25	55 x 16	26851
M 22 x 1.5	55 x 16	26245
M 22 x 2.0	55 x 16	26852
M 24 x 1.25	55 x 16	26853
M 24 x 1.5	55 x 16	26250
M 24 x 2.0	55 x 16	26251
M 25 x 1.0	55 x 16	26854
M 25 x 1.5	55 x 16	26855
M 26 x 1.0	55 x 16	26856
M 26 x 1.5	55 x 16	26857
M 26 x 2.0	55 x 16	26858
M 27 x 1.0	65 x 18	26859
M 27 x 1.5	65 x 18	26860
M 27 x 2.0	65 x 18	26861
M 28 x 1.0	65 x 18	26862
M 28 x 1.5	65 x 18	26863
M 28 x 2.0	65 x 18	26864
M 29 x 1.5	65 x 18	26865
M 30 x 1.0	65 x 18	26866
M 30 x 1.5	65 x 18	26867
M 30 x 2.0	65 x 18	26264
M 30 x 2.5	65 x 18	26265
M 30 x 3.0	65 x 25	26266
M 32 x 1.0	65 x 18	26267
M 32 x 1.5	65 x 18	26268
M 32 x 2.0	65 x 18	26269
M 32 x 3.0	65 x 25	26270
M 33 x 1.5	65 x 18	26271

**Application:**

**for general use**

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

**应用:**

**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



**Round Dies, Left Hand**  
metric-fine ISO-thread DIN 13

**圓板牙, 左旋**  
公制細牙ISO螺紋 DIN 13



**DIN 223 (DIN EN 22568)**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter	Ø o / d	Art.-No.
M 33 x 2.0	65 x 18	26272
M 33 x 3.0	65 x 25	26273
M 34 x 1.0	65 x 18	26274
M 34 x 1.5	65 x 18	26275
M 34 x 2.0	65 x 18	26276
M 35 x 1.0	65 x 18	26277
M 35 x 1.5	65 x 18	26278
M 35 x 2.0	65 x 18	26279
M 36 x 1.0	65 x 18	26280
M 36 x 1.5	65 x 18	26281
M 36 x 2.0	65 x 18	26282
M 36 x 3.0	65 x 25	26283
M 37 x 1.5	65 x 18	26284
M 38 x 1.0	75 x 20	26285
M 38 x 1.5	75 x 20	26286
M 38 x 2.0	75 x 20	26287
M 38 x 3.0	75 x 30	26288
M 39 x 1.5	75 x 20	26289
M 39 x 2.0	75 x 20	26290
M 39 x 3.0	75 x 30	26291
M 40 x 1.0	75 x 20	26292
M 40 x 1.5	75 x 20	26293
M 40 x 2.0	75 x 20	26294
M 40 x 3.0	75 x 30	26295
M 42 x 1.0	75 x 20	26296
M 42 x 1.5	75 x 20	26297
M 42 x 2.0	75 x 20	26298
M 42 x 3.0	75 x 30	26299
M 44 x 1.5	90 x 22	26868
M 45 x 1.5	90 x 22	26869
M 45 x 2.0	90 x 22	26870
M 45 x 3.0	90 x 36	26871
M 46 x 1.5	90 x 22	26872
M 48 x 1.5	90 x 22	26873
M 48 x 2.0	90 x 22	26874
M 48 x 3.0	90 x 36	26875
M 50 x 1.5	90 x 22	26876
M 50 x 2.0	90 x 22	26877
M 50 x 3.0	90 x 36	26878
M 52 x 1.5	90 x 22	26879
M 52 x 2.0	90 x 22	26880
M 52 x 3.0	90 x 36	26881

**Application:**

**for general use**

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

**应用:**

**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







## Round Dies, *Left Hand*

Unified thread ANSI B 1.1

## 圓板牙, 左旋

統一制螺紋 ANSI B 1.1



**DIN 223 (DIN EN 22568)**

**HSS**

**UNC / UNF**

Nominal Diameter mm	Width across flats mm	Art.-No.
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### UNC

UNC Nr. 6 x 32	20 x 7	23206
UNC Nr. 8 x 32	20 x 7	23208
UNC Nr. 10 x 24	20 x 7	23210
UNC 1/4 x 20	20 x 7	23214
UNC 5/16 x 18	25 x 9	23216
UNC 3/8 x 16	30 x 11	23218
UNC 7/16 x 14	38 x 14	23220
UNC 1/2 x 13	38 x 14	23222
UNC 9/16 x 12	38 x 14	23224
UNC 5/8 x 11	45 x 18	23226
UNC 3/4 x 10	45 x 18	23230
UNC 7/8 x 9	55 x 22	23234
UNC 1" x 8	55 x 22	23238

### UNF

UNF Nr. 10 x 32	20 x 7	24210
UNF 1/4 x 28	20 x 7	24214
UNF 5/16 x 24	25 x 9	24216
UNF 3/8 x 24	30 x 11	24218
UNF 7/16 x 20	30 x 11	24220
UNF 1/2 x 20	38 x 10	24222
UNF 9/16 x 18	38 x 10	24224
UNF 5/8 x 18	45 x 14	24226
UNF 3/4 x 16	45 x 14	24230
UNF 7/8 x 14	55 x 16	24234
UNF 1" x 12	55 x 16	24238

#### Application:

##### for general use

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

#### 应用:

##### 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





**Round Split Dies**  
metric ISO-thread DIN 13

**可调圆板牙**  
公制ISO螺纹 DIN 13



**BS1127 ; 1950**

**HSS**

**Tol: 6g**

**M**

Nominal Diameter mm	o / d	Width	Art.-No.
M 2 x 0.4	13/16	1/4	80000
M 2.2 x 0.45	13/16	1/4	80001
M 2.5 x 0.45	13/16	1/4	80002
M 3 x 0.5	13/16	1/4	80003
M 3.5 x 0.6	13/16	1/4	80004
M 4 x 0.7	13/16	1/4	80005
M 4.5 x 0.75	13/16	1/4	80006
M 5 x 0.8	13/16	1/4	80007
M 6 x 1.0	13/16	1/4	80008
M 7 x 1.0	13/16	1/4	80009
M 5 x 0.8	1"	3/8	80010
M 6 x 1.0	1"	3/8	80011
M 7 x 1.0	1"	3/8	80012
M 8 x 1.25	1"	3/8	80013
M 9 x 1.25	1"	3/8	80014
M 10 x 1.5	1"	3/8	80015
M 12 x 1,75	1"	3/8	80016
M 6 x 1.0	1.5/16	7/16	80020
M 7 x 1.0	1.5/16	7/16	80021
M 8 x 1.25	1.5/16	7/16	80022
M 9 x 1.25	1.5/16	7/16	80023
M 10 x 1.5	1.5/16	7/16	80024
M 11 x 1.5	1.5/16	7/16	80025
M 12 x 1.75	1.5/16	7/16	80026
M 14 x 2.0	1.5/16	7/16	80027
M 10 x 1.5	1.1/2	1/2	80030
M 11 x 1.5	1.1/2	1/2	80031
M 12 x 1.75	1.1/2	1/2	80032
M 14 x 2.0	1.1/2	1/2	80033
M 16 x 2.0	1.1/2	1/2	80034
M 18 x 2.5	1.1/2	1/2	80035
M 20 x 2.5	1.1/2	1/2	80036
M 12 x 1.75	2"	5/8	80040
M 14 x 2.0	2"	5/8	80041
M 16 x 2.0	2"	5/8	80042
M 18 x 2.5	2"	5/8	80043
M 20 x 2.5	2"	5/8	80044
M 22 x 2.5	2"	5/8	80045
M 24 x 3.0	2"	5/8	80046
M 27 x 3.0	3"	7/8	80050
M 30 x 3.5	3"	7/8	80051
M 33 x 3.5	3"	7/8	80052
M 36 x 4.0	3"	7/8	80053
M 39 x 4.0	3"	7/8	80054
M 42 x 4.5	4"	1	80060
M 45 x 4.5	4"	1	80061
M 48 x 5.0	4"	1	80062



**Round Split Dies**  
metric-fine ISO-thread DIN 13

**可调圆板牙**  
公制细牙ISO螺纹 DIN 13



**BS1127 ; 1950**

**HSS**

**Tol: 6g**

**Mf**

Nominal Diameter mm	o / d	Width	Art.-No.
M 3 x 0.35	13/16	1/4	81010
M 4 x 0.5	13/16	1/4	81011
M 4 x 0.75	13/16	1/4	81012
M 5 x 0.5	13/16	1/4	81013
M 5 x 0.90	13/16	1/4	81014
M 6 x 0.75	13/16	1/4	81015
M 6 x 0.75	1"	3/8	81020
M 8 x 0.75	1"	3/8	81021
M 8 x 1.0	1"	3/8	81022
M 9 x 1.0	1"	3/8	81023
M 10 x 0.75	1"	3/8	81024
M 10 x 1.0	1"	3/8	81025
M 10 x 1.25	1"	3/8	81026
M 12 x 1.0	1.5/16	7/16	81030
M 12 x 1.25	1.5/16	7/16	81031
M 12 x 1.5	1.5/16	7/16	81032
M 14 x 1.25	1.5/16	7/16	81033
M 14 x 1.5	1.5/16	7/16	81034
M 16 x 1.5	1.5/16	7/16	81035
M 14 x 1.0	1.1/2	1/2	81040
M 14 x 1.25	1.1/2	1/2	81041
M 14 x 1.5	1.1/2	1/2	81042
M 16 x 1.0	1.1/2	1/2	81043
M 16 x 1.5	1.1/2	1/2	81044
M 18 x 1.0	1.1/2	1/2	81045
M 18 x 1.25	1.1/2	1/2	81046
M 18 x 1.5	1.1/2	1/2	81047
M 18 x 2.0	1.1/2	1/2	81048
M 20 x 1.0	1.1/2	1/2	81049
M 20 x 1.25	1.1/2	1/2	81050
M 20 x 1.5	1.1/2	1/2	81051
M 20 x 2.0	1.1/2	1/2	81052
M 18 x 1.5	2"	5/8	81060
M 20 x 1.0	2"	5/8	81061
M 20 x 1.5	2"	5/8	81062
M 22 x 1.5	2"	5/8	81063
M 24 x 1.5	2"	5/8	81064
M 24 x 2.0	2"	5/8	81065
M 25 x 1.5	2"	5/8	81066
M 26 x 1.5	2"	5/8	81067
M 27 x 2.0	2.1/4"	3/4	81080
M 30 x 2.0	2.1/4"	3/4	81081
M 27 x 1.5	3"	7/8	81090
M 30 x 1.5	3"	7/8	81091
M 36 x 2.0	3"	7/8	81092
M 36 x 3.0	3"	7/8	81093

**Application:**

**for general use**

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

**应用:**

**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



**Round Split Dies**  
Whitworth-thread BS 84

**可调圆板牙**  
惠氏螺纹 BS 84



**BS1127 ; 1950**

**HSS**

**BSW**

Nominal Diameter mm	o / d	Width	Art.-No.
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**BSW**

BSW 3/32 x 48	13/16	1/4	84001
BSW 1/8 x 40	13/16	1/4	84002
BSW 5/32 x 32	13/16	1/4	84003
BSW 3/16 x 24	13/16	1/4	84004
BSW 7/32 x 24	13/16	1/4	84005
BSW 1/4 x 20	13/16	1/4	84006
BSW 1/4 x 20	1"	3/8	84010
BSW 5/16 x 18	1"	3/8	84011
BSW 3/8 x 16	1"	3/8	84012
BSW 7/16 x 14	1"	3/8	84013
BSW 1/2 x 12	1"	3/8	84014
BSW 1/4 x 20	1.5/16	7/16	84020
BSW 5/16 x 18	1.5/16	7/16	84021
BSW 3/8 x 16	1.5/16	7/16	84022
BSW 7/16 x 14	1.5/16	7/16	84023
BSW 1/2 x 12	1.5/16	7/16	84024
BSW 9/16 x 12	1.5/16	7/16	84025
BSW 3/8 x 16	1.1/2	1/2	84030
BSW 7/16 x 14	1.1/2	1/2	84031
BSW 1/2 x 12	1.1/2	1/2	84032
BSW 9/16 x 12	1.1/2	1/2	84033
BSW 5/8 x 11	1.1/2	1/2	84034
BSW 3/4 x 10	1.1/2	1/2	84035
BSW 1/2 x 12	2"	5/8	84040
BSW 9/16 x 12	2"	5/8	84041
BSW 5/8 x 11	2"	5/8	84042
BSW 3/4 x 10	2"	5/8	84043
BSW 7/8 x 9	2"	5/8	84044
BSW 1 x 8	2"	5/8	84045
BSW 1.1/8 x 7	3"	7/6	84050
BSW 1.1/4 x 7	3"	7/6	84051
BSW 1.3/8 x 6	3"	7/8	84052
BSW 1.1/2 x 6	3"	7/8	84053

**BSW Fine**

BSW 1/4 x 26	1"	3/8	84110
BSW 5/16 x 26	1"	3/8	84111
BSW 3/8 x 26	1"	3/8	84112
BSW 7/16 x 26	1.5/16	7/16	84120
BSW 1/2 x 26	1.5/16	7/16	84121

**Application:**

**for general use**

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

**应用:**

**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



## Round Split Dies

British Standard Fine thread BS 84

## 可调圆板牙

英标细牙螺纹 BS 84



**BS1127 ; 1950**

**HSS**

**BSF**

Nominal Diameter mm	o / d	Width	Art.-No.
BSF 3/16 x 32	13/16	1/4	85004
BSF 7/32 x 30	13/16	1/4	85005
BSF 1/4 x 26	13/16	1/4	85006
BSF 1/4 x 26	1"	3/8	85010
BSF 5/16 x 22	1"	3/8	85011
BSF 3/8 x 20	1"	3/8	85012
BSF 7/16 x 18	1"	3/8	85013
BSF 1/2 x 16	1"	3/8	85014
BSF 1/4 x 26	1.5/16	7/16	85020
BSF 5/16 x 22	1.5/16	7/16	85021
BSF 3/8 x 20	1.5/16	7/16	85022
BSF 7/16 x 18	1.5/16	7/16	85023
BSF 1/2 x 16	1.5/16	7/16	85024
BSF 9/16 x 16	1.5/16	7/16	85025
BSF 3/8 x 20	1.1/2	1/2	85030
BSF 7/16 x 18	1.1/2	1/2	85031
BSF 1/2 x 16	1.1/2	1/2	85032
BSF 9/16 x 16	1.1/2	1/2	85033
BSF 5/8 x 14	1.1/2	1/2	85034
BSF 3/4 x 12	1.1/2	1/2	85035
BSF 1/2 x 16	2"	1/2	85040
BSF 9/16 x 16	2"	5/8	85041
BSF 5/8 x 14	2"	5/8	85042
BSF 3/4 x 12	2"	5/8	85043
BSF 7/8 x 11	2"	5/8	85044
BSF 1 x 10	2"	5/8	85045

**Application:**

**for general use**

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

**应用:**

**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



## Round Split Dies

Unified Coarse thread ANSI B 1.1

## 可调圆板牙

统一制粗牙螺纹 ANSI B 1.1



**BS1127 ; 1950**

**HSS**

**UNC**

Nominal Diameter mm	o / d	Width	Art.-No.
UNC 4 x 40	13/16	1/4	82004
UNC 5 x 40	13/16	1/4	82005
UNC 6 x 32	13/16	1/4	82006
UNC 8 x 32	13/16	1/4	82008
UNC 10 x 24	13/16	1/4	82010
UNC 12 x 24	13/16	1/4	82012
UNC 1/4 x 20	13/16	1/4	82013
UNC 1/4 x 20	1"	3/8	82020
UNC 5/16 x 18	1"	3/8	82021
UNC 3/8 x 16	1"	3/8	82022
UNC 7/16 x 14	1"	3/8	82023
UNC 1/2 x 13	1"	3/8	82024
UNC 1/4 x 20	1.5/16	7/16	82030
UNC 5/16 x 18	1.5/16	7/16	82031
UNC 3/8 x 16	1.5/16	7/16	82032
UNC 7/16 x 14	1.5/16	7/16	82033
UNC 1/2 x 13	1.5/16	7/16	82034
UNC 9/16 x 12	1.5/16	7/16	82035
UNC 3/8 x 16	1.1/2	1/2	82040
UNC 7/16 x 14	1.1/2	1/2	82041
UNC 1/2 x 13	1.1/2	1/2	82042
UNC 9/16 x 12	1.1/2	1/2	82043
UNC 5/8 x 11	1.1/2	1/2	82044
UNC 3/4 x 10	1.1/2	1/2	82045
UNC 1/2 x 13	2"	5/8	82050
UNC 9/16 x 12	2"	5/8	82051
UNC 5/8 x 11	2"	5/8	82052
UNC 3/4 x 10	2"	5/8	82053
UNC 7/8 x 9	2"	5/8	82054
UNC 1 x 8	2"	5/8	82055
UNC 1.1/4 x 7	3"	7/8	82056
UNC 1.3/8 x 6	3"	7/8	82057
UNC 1.1/2 x 6	3"	7/8	82058

**Application:**

**for general use**

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

**应用:**

**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





## Round Split Dies

Unified Fine thread ANSI B 1.1

## 可调圆板牙

统一制细牙螺纹 ANSI B 1.1



**BS1127 ; 1950**

**HSS**

**UNF**

Nominal Diameter mm	o / d	Width	Art.-No.
UNF 4 x 48	13/16	1/4	83004
UNF 5 x 44	13/16	1/4	83005
UNF 6 x 40	13/16	1/4	83006
UNF 8 x 36	13/16	1/4	83008
UNF 10 x 32	13/16	1/4	83010
UNF 12 x 28	13/16	1/4	83012
UNF 1/4 x 28	13/16	1/4	83013
UNF 1/4 x 28	1"	3/8	83020
UNF 5/16 x 24	1"	3/8	83021
UNF 3/8 x 24	1"	3/8	83022
UNF 7/16 x 20	1"	3/8	83023
UNF 1/2 x 20	1"	3/8	83024
UNF 1/4 x 28	1.5/16	7/16	83030
UNF 5/16 x 24	1.5/16	7/16	83031
UNF 3/8 x 24	1.5/16	7/16	83032
UNF 7/16 x 20	1.5/16	7/16	83033
UNF 1/2 x 20	1.5/16	7/16	83034
UNF 9/16 x 18	1.5/16	7/16	83035
UNF 3/8 x 24	1.1/2	1/2	83040
UNF 7/16 x 20	1.1/2	1/2	83041
UNF 1/2 x 20	1.1/2	1/2	83042
UNF 9/16 x 18	1.1/2	1/2	83043
UNF 5/8 x 18	1.1/2	1/2	83044
UNF 3/4 x 16	1.1/2	1/2	83045
UNF 1/2 x 20	2"	5/8	83050
UNF 9/16 x 18	2"	5/8	83051
UNF 5/8 x 18	2"	5/8	83052
UNF 3/4 x 16	2"	5/8	83053
UNF 7/8 x 14	2"	5/8	83054
UNF 1 x 12	2"	5/8	83055
UNF 1 x 14	2"	5/8	83056
UNF 1.1/8 x 12	3"	7/8	83057
UNF 1.1/4 x 12	3"	7/8	83059
UNF 1.3/8 x 12	3"	7/8	83061
UNF 1.1/2 x 12	3"	7/8	83063

**Application:**

**for general use**

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

**应用:**

**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





**Round Split Dies**  
Pipe-thread DIN ISO 228

**可调圆板牙**  
管螺纹 DIN ISO 228



**BS1127 ; 1950**

**HSS**

**G (BSPF)**

Nominal Diameter mm	o / d	Width	Art.-No.
G 1/8 x 28	1"	3/8	86004
G 1/8 x 28	1.5/16	7/16	86012
G 1/4 x 19	1.5/16	7/16	86014
G 1/8 x 28	1.1/2	1/2	86020
G 1/4 x 19	1.1/2	1/2	86022
G 3/8 x 19	1.1/2	1/2	86024
G 1/2 x 19	1.1/2	1/2	86026
G 1/4 x 19	2"	5/8	86030
G 3/8 x 19	2"	5/8	86031
G 1/2 x 14	2"	5/8	86032
G 5/8 x 14	2"	5/8	86033
G 3/4 x 14	2"	5/8	86034
G 3/8 x 19	2.1/4	11/16	86040
G 3/4 x 14	2.1/4	11/16	86041
G 7/8 x 14	2.1/4	11/16	86042
G 1 x 11	2.1/4	11/16	86043
G 1 x 11	3"	7/8	86050
G 1.1/4 x 11	3"	7/8	86054
G 1.1/2 x 11	4"	1	86060
G 2 x 11	4"	1	86064

**Application:**

**for general use**

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

**应用:**

**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



**Hexagon Die Nuts**  
metric ISO-thread DIN 13

**六方板牙**  
公制ISO螺纹 DIN 13



**DIN 382**

**HSS**

**Tol. 6g**

**M**

Nominal Diameter mm	Width across flats mm	Art.-No.
M 3 x 0.5	19 x 5	27126
M 3.5 x 0.6	19 x 5	27128
M 4 x 0.7	19 x 5	27130
M 5 x 0.8	19 x 7	27134
M 6 x 1.0	19 x 7	27138
M 7 x 1.0	22 x 9	27140
M 8 x 1.25	22 x 9	27142
M 9 x 1.25	22 x 9	27144
M 10 x 1.5	27 x 11	27146
M 11 x 1.5	27 x 11	27148
M 12 x 1.75	36 x 14	27150
M 14 x 2.0	36 x 14	27154
M 16 x 2.0	41 x 18	27158
M 18 x 2.5	41 x 18	27162
M 20 x 2.5	41 x 18	27166
M 22 x 2.5	50 x 22	27170
M 24 x 3.0	50 x 22	27174
M 27 x 3.0	60 x 25	27176
M 30 x 3.5	60 x 25	27178
M 33 x 3.5	60 x 25	27180
M 36 x 4.0	60 x 25	27182
M 39 x 4.0	70 x 30	27184
M 42 x 4.5	70 x 30	27186
M 45 x 4.5	85 x 36	27188
M 48 x 5.0	85 x 36	27190
M 52 x 5.0	85 x 36	27192
M 56 x 5.5	100 x 36	27194
M 60 x 5.5	100 x 36	27196
M 64 x 6.0	100 x 36	27198
M 68 x 6.0	115 x 36	27199

**Application:**

For cleaning and repairing damaged threads and for general use in awkward places.

**应用:**

清牙和修复损坏的螺纹  
通用于不方便加工的地方



**Hexagon Die Nuts**  
metric-fine ISO-thread DIN 13

**六方板牙**  
公制细牙ISO螺纹 DIN 13



**DIN 382**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Width across flats mm	Art.-No.
M 3 x 0.35	19 x 5	26108
M 4 x 0.35	19 x 5	26110
M 4 x 0.5	19 x 5	26112
M 5 x 0.5	19 x 5	26114
M 5 x 0.75	19 x 7	26116
M 6 x 0.5	19 x 5	26117
M 6 x 0.75	19 x 7	26118
M 7 x 0.75	22 x 9	26120
M 8 x 0.5	22 x 9	26122
M 8 x 0.75	22 x 9	26124
M 8 x 1.0	22 x 9	26126
M 9 x 0.75	22 x 9	26128
M 9 x 1.0	22 x 9	26130
M 10 x 0.75	27 x 11	26132
M 10 x 1.0	27 x 11	26136
M 10 x 1.25	27 x 11	26138
M 11 x 1.0	27 x 11	26140
M 11 x 1.25	27 x 11	26142
M 12 x 0.75	36 x 10	26143
M 12 x 1.0	36 x 10	26144
M 12 x 1.25	36 x 10	26146
M 12 x 1.5	36 x 10	26148
M 13 x 1.0	36 x 10	26150
M 13 x 1.5	36 x 10	26151
M 14 x 0.75	36 x 10	26152
M 14 x 1.0	36 x 10	26153
M 14 x 1.25	36 x 10	26154
M 14 x 1.5	36 x 10	26156
M 15 x 1.0	36 x 10	26158
M 15 x 1.5	36 x 10	26160
M 16 x 1.0	41 x 14	26162
M 16 x 1.25	41 x 14	26164
M 16 x 1.5	41 x 14	26166
M 18 x 1.0	41 x 14	26170
M 18 x 1.25	41 x 14	26171
M 18 x 1.5	41 x 14	26172
M 18 x 2.0	41 x 14	26174
M 20 x 1.0	41 x 14	26178
M 20 x 1.25	41 x 14	26180
M 20 x 1.5	41 x 14	26184
M 20 x 2.0	41 x 14	26186
M 21 x 1.5	41 x 14	26188
M 22 x 1.0	50 x 16	26190
M 22 x 1.25	50 x 16	26192
M 22 x 1.5	50 x 16	26194
M 22 x 2.0	50 x 16	26196
M 23 x 1.5	50 x 16	26198
M 24 x 1.0	50 x 16	26700
M 24 x 1.25	50 x 16	26702
M 24 x 1.5	50 x 16	26704





**Hexagon Die Nuts**  
metric-fine ISO-thread DIN 13

**六方板牙**  
公制细牙ISO螺纹 DIN 13



**DIN 382**

**HSS**

**Tol. 6g**

**Mf**

Nominal Diameter mm	Width across flats mm	Art.-No.
M 24 x 2.0	50 x 16	26706
M 25 x 1.0	50 x 16	26707
M 25 x 1.5	50 x 16	26708
M 26 x 1.0	50 x 16	26710
M 26 x 1.5	50 x 16	26712
M 26 x 2.0	50 x 16	26714
M 27 x 1.0	60 x 18	26717
M 27 x 1.5	60 x 18	26716
M 27 x 2.0	60 x 18	26718
M 28 x 1.0	60 x 18	26720
M 28 x 1.5	60 x 18	26722
M 28 x 2.0	60 x 18	26724
M 29 x 1.5	60 x 18	26726
M 30 x 1.0	60 x 18	26728
M 30 x 1.5	60 x 18	26730
M 30 x 2.0	60 x 18	26732
M 30 x 3.0	60 x 25	26734
M 32 x 1.5	60 x 18	26736
M 32 x 2.0	60 x 18	26735
M 32 x 3.0	60 x 25	26737
M 33 x 1.5	60 x 18	26738
M 33 x 2.0	60 x 18	26740
M 33 x 3.0	60 x 25	26742
M 34 x 1.5	60 x 18	26744
M 34 x 2.0	60 x 18	26746
M 35 x 1.5	60 x 18	26748
M 36 x 1.5	60 x 18	26750
M 36 x 2.0	60 x 18	26752
M 36 x 3.0	60 x 25	26754
M 38 x 1.5	70 x 20	26756
M 39 x 1.5	70 x 20	26758
M 39 x 2.0	70 x 20	26760
M 39 x 3.0	70 x 30	26762
M 40 x 1.5	70 x 20	26764
M 40 x 2.0	70 x 20	26766
M 40 x 3.0	70 x 30	26768
M 42 x 1.5	70 x 20	26770
M 42 x 2.0	70 x 20	26772
M 42 x 3.0	70 x 30	26774
M 45 x 1.5	85 x 22	26776
M 45 x 2.0	85 x 22	26778
M 45 x 3.0	85 x 36	26780
M 48 x 1.5	85 x 22	26782
M 48 x 2.0	85 x 22	26784
M 48 x 3.0	85 x 36	26786
M 50 x 1.5	85 x 22	26788
M 50 x 2.0	85 x 22	26790
M 50 x 3.0	85 x 36	26792
M 52 x 1.5	85 x 22	26794
M 52 x 2.0	85 x 22	26796
M 52 x 3.0	85 x 36	26798



## Hexagon Die Nuts

Whitworth-thread BS 84

## 六方板牙

惠氏螺纹 BS 84



**DIN 382**

**HSS**

**BSW / BSF**

Nominal Diameter mm	Width across flats mm	Art.-No.
<b>BSW</b>		
BSW 1/8 x 40	19 x 5	22106
BSW 3/16 x 24	19 x 7	22110
BSW 1/4 x 20	19 x 7	22114
BSW 5/16 x 18	22 x 9	22116
BSW 3/8 x 16	27 x 11	22118
BSW 7/16 x 14	27 x 11	22120
BSW 1/2 x 12	36 x 14	22122
BSW 9/16 x 12	36 x 14	22124
BSW 5/8 x 11	41 x 18	22126
BSW 3/4 x 10	41 x 18	22130
BSW 7/8 x 9	50 x 22	22134
BSW 1" x 8	50 x 22	22138
BSW 1.1/8 x 7	60 x 25	22142
BSW 1.1/4 x 7	60 x 25	22146
BSW 1.3/8 x 6	60 x 25	22150
BSW 1.1/2 x 6	70 x 30	22154
BSW 2" x 4.1/2	85 x 36	22170
BSW 2.1/4 x 4	100 x 36	22172
BSW 2.1/2 x 4	115 x 36	22174
BSW 2.3/4 x 3.1/2	115 x 36	22176
BSW 3" x 3.1/2	115 x 36	22178
<b>BSF</b>		
BSF 3/16 x 32	19 x 7	22510
BSF 1/4 x 26	19 x 7	22514
BSF 5/16 x 22	22 x 9	22516
BSF 3/8 x 20	27 x 11	22518
BSF 7/16 x 18	27 x 11	22520
BSF 1/2 x 16	36 x 10	22522
BSF 9/16 x 16	36 x 10	22524
BSF 5/8 x 14	41 x 14	22526
BSF 3/4 x 12	41 x 14	22530
BSF 7/8 x 11	50 x 16	22534
BSF 1" x 10	50 x 16	22538

### Application:

For cleaning and repairing damaged threads and for general use in awkward places.

### 应用:

清牙和修复损坏的螺纹  
通用于不方便加工的地方



**Hexagon Die Nuts**  
Unified thread ANSI B 1.1

**六方板牙**  
统一制螺纹 ANSI B 1.1



**DIN 382 HSS**

**UNC / UNF**

Nominal Diameter	Width across flats mm	Art.-No.
<b>UNC</b>		
UNC 1/4 x 20	19 x 7	23114
UNC 5/16 x 18	22 x 9	23116
UNC 3/8 x 16	27 x 11	23118
UNC 7/16 x 14	27 x 11	23120
UNC 1/2 x 13	36 x 14	23122
UNC 9/16 x 12	36 x 14	23124
UNC 5/8 x 11	41 x 18	23126
UNC 3/4 x 10	41 x 18	23130
UNC 7/8 x 9	50 x 22	23134
UNC 1" x 8	50 x 22	23138
UNC 1.1/8 x 7	60 x 25	23142
UNC 1.1/4 x 7	60 x 25	23146
UNC 1.3/8 x 6	60 x 25	23150
UNC 1.1/2 x 6	70 x 30	23154
<b>UNF</b>		
UNF 1/4 x 28	19 x 7	24114
UNF 5/16 x 24	22 x 9	24116
UNF 3/8 x 24	27 x 11	24118
UNF 7/16 x 20	27 x 11	24120
UNF 1/2 x 20	36 x 10	24122
UNF 9/16 x 18	36 x 10	24124
UNF 5/8 x 18	41 x 14	24126
UNF 3/4 x 16	41 x 14	24130
UNF 7/8 x 14	50 x 16	24134
UNF 1" x 12	50 x 16	24138
UNF 1.1/8 x 12	60 x 18	24142
UNF 1.1/4 x 12	60 x 18	24146
UNF 1.3/8 x 12	60 x 18	24150
UNF 1.1/2 x 12	70 x 20	24154

**Application:**

For cleaning and repairing damaged threads and for general use in awkward places.

**应用:**

清牙和修复损坏的螺纹  
通用于不方便加工的地方





**Hexagon Die Nuts**

Unified thread ANSI B 1.1

**六方板牙**

统一制螺纹 ANSI B 1.1



**DIN 382**

**HSS**

**Tol. 2B**

**8-UN**

Nominal Diameter	Width across flats mm	Art.-No.
UN 1.1/8 x 8	60 x 25	24171
UN 1.1/4 x 8	60 x 25	24172
UN 1.3/8 x 8	60 x 25	24173
UN 1.1/2 x 8	70 x 30	24174
UN 1.5/8 x 8	70 x 30	24175
UN 1.3/4 x 8	85 x 36	24176
UN 1.7/8 x 8	85 x 22	24177
UN 2" x 8	85 x 22	24178
UN 2.1/8 x 8	85 x 22	24179
UN 2.1/4 x 8	100 x 22	24180
UN 2.1/2 x 8	115 x 22	24181

**Application:**

For cleaning and repairing damaged threads and for general use in awkward places.

**应用:**

清牙和修复损坏的螺纹  
通用于不方便加工的地方



**Hexagon Die Nuts**  
Pipe-thread DIN ISO 228

**六方板牙**  
管螺纹 DIN ISO 228



**DIN 382**

**HSS**

**G (BSP)**

Nominal Diameter	Width across flats mm	Art.-No.
G 1/8 x 28	27 x 11	25512
G 1/4 x 19	36 x 10	25514
G 3/8 x 19	41 x 14	25516
G 1/2 x 14	41 x 14	25518
G 5/8 x 14	50 x 16	25520
G 3/4 x 14	50 x 16	25522
G 7/8 x 14	60 x 18	25524
G 1" x 11	60 x 18	25526
G 1.1/8 x 11	70 x 20	25530
G 1.1/4 x 11	70 x 20	25534
G 1.3/8 x 11	85 x 22	25538
G 1.1/2 x 11	85 x 22	25542
G 1.5/8 x 11	85 x 22	25546
G 1.3/4 x 11	100 x 22	25550
G 2" x 11	100 x 22	25554

**Application:**

For cleaning and repairing damaged threads and for general use in awkward places.

**应用:**

清牙和修复损坏的螺纹  
通用于不方便加工的地方





## Hexagon Die Nuts

american tapered pipe thread, taper 1:16

## 六方板牙

美制锥管螺纹, 锥度 1:16



**DIN 382**

**HSS**

**NPT**

Nominal Diameter	Width across flats mm	Art.-No.
NPT 1/16 x 27	22 x 9	23510
NPT 1/8 x 27	27 x 11	23512
NPT 1/4 x 18	36 x 14	23514
NPT 3/8 x 18	41 x 14	23516
NPT 1/2 x 14	50 x 16	23518
NPT 3/4 x 14	60 x 18	23522
NPT 1" x 11.5	60 x 25	23526
NPT 1.1/4 x 11.5	70 x 25	23528
NPT 1.1/2 x 11.5	85 x 28	23530
NPT 2" x 11.5	100 x 28	23534

### Application:

For cleaning and repairing damaged threads and for general use in awkward places.

### 应用:

清牙和修复损坏的螺纹  
通用于不方便加工的地方



**Hexagon Die Nuts, *Left Hand***  
metric ISO-thread DIN 13

**六方板牙, *左旋***  
公制ISO螺纹 DIN 13



**DIN 382**

**HSS**

**M**

Nominal Diameter	Width across flats mm	Art.-No.
M 3 x 0.5	19 x 5	28426
M 4 x 0.7	19 x 5	28430
M 5 x 0.8	19 x 7	28434
M 6 x 1.0	19 x 7	28438
M 8 x 1.25	22 x 9	28442
M 10 x 1.5	27 x 11	28446
M 12 x 1.75	36 x 14	28450
M 14 x 2.0	36 x 14	28454
M 16 x 2.0	41 x 18	28458
M 18 x 2.5	41 x 18	28462
M 20 x 2.5	41 x 18	28466
M 22 x 2.5	50 x 22	28470
M 24 x 3.0	50 x 22	28474
M 27 x 3.0	60 x 25	28476
M 30 x 3.5	60 x 25	28478
M 33 x 3.5	60 x 25	28480
M 36 x 4.0	60 x 25	28482
M 39 x 4.0	70 x 30	28484
M 42 x 4.5	70 x 30	28486
M 45 x 4.5	85 x 36	28488
M 48 x 5.0	85 x 36	28490
M 52 x 5.0	85 x 36	28492

**Application:**

For cleaning and repairing damaged threads and for general use in awkward places.

**应用:**

清牙和修复损坏的螺纹  
通用于不方便加工的地方



**Hexagon Die Nuts, *Left Hand***  
Pipe-thread DIN ISO 228

**六方板牙, *左旋***  
管螺纹 DIN ISO 228



**DIN 382**

**HSS**

**G (BSP)**

Nominal Diameter	Width across flats mm	Art.-No.
G 1/8 x 28	27 x 11	25612
G 1/4 x 19	36 x 10	25614
G 3/8 x 19	41 x 14	25616
G 1/2 x 14	41 x 14	25618
G 5/8 x 14	50 x 16	25620
G 3/4 x 14	50 x 16	25622
G 1" x 11	60 x 18	25626
G 1.1/8 x 11	70 x 20	25630
G 1.1/4 x 11	70 x 20	25634
G 1.3/8 x 11	85 x 22	25638
G 1.1/2 x 11	85 x 22	25642
G 1.3/4 x 11	100 x 22	25650
G 2" x 11	100 x 22	25654

**Application:**

For cleaning and repairing damaged threads and for general use in awkward places.

**应用:**

清牙和修复损坏的螺纹  
通用于不方便加工的地方