

螺纹铣削刀具

THREADING MILLING TOOLS





螺纹铣削刀具 THREADING MILLING TOOLS

H系列螺纹铣刀片型号说明 H Line Threading Milling Insert Ordering code System

1、刀片尺寸 Insert Size

12 — L = 12mm	6.0 — D = 6.0mm	L = 10.4mm
14 — L = 14mm	2 — D = 1/4"	L = 11mm
21 — L = 21mm	3 — D = 3/8"	L = 16mm
30 — L = 30mm	3B — D = 3/8" B	L = 22mm
40 — L = 40mm	4 — D = 1/2"	L = 22mm
	5 — D = 5/8"	L = 27mm
	6B — D = 3/4" B	L = 38.5mm



2、加工类型 Type of inserts

- E — 外螺纹 External
 N — 内螺纹 Internal
 - — 内外刀片通用
 The Same Insert for External or Internal

21

1

E

2

1.50

3

ISO

4

3、螺纹 Pitch

完全形 mm	Full Profile TPI
0.5~6	48~4
局部面截顶形 mm	Partial Profile TPI
A 0.5~1.5	48~16
AG 0.5~3.0	48~8
G 1.75~3.0	14~8
N 3.5~5.0	7~5
Q 5.5~6.0	4.5~4
V 6.0~10	4~2.5

4、螺纹标准 Standard

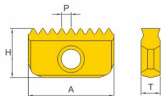
- ISO** — **ISO** 标准型螺纹 ISO Metric
UN — **60°** 美制统一标准型螺纹 American UN
W — **55°** 英国惠氏螺纹 Whitworth for BSW BSP
NPT — **60°** 美国标准锥管螺纹 NPT
NPTF — **60°** 美制干密封螺纹 NPTF
BSPT — **55°** 英制标准锥管螺纹 British Standard Pipe Thread

螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹铣刀片 ISO Metric Full Profile



标准: R202 (DIN 13)
Defined by: R202 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



加工螺距 Pitch		刀片尺寸 Insert Size				
mm		A=12mm	A=14mm	A=21mm	A=30mm	A=40mm
0.5	外 Ext					
	内 Int	*12N0.5 ISO	14N0.5 ISO			
0.75	外 Ext		14E0.75 ISO			
	内 Int	*12N0.75 ISO	14N0.75 ISO			
1	外 Ext		14E1.0 ISO	21E1.0 ISO		
	内 Int	*12N1.0 ISO	14N1.0 ISO	21N1.0 ISO		
1.25	外 Ext		14E1.25 ISO			
	内 Int	*12N1.25 ISO	14N1.25 ISO			
1.5	外 Ext		14E1.5 ISO	21E1.5 ISO	30E1.5 ISO	40E1.5 ISO
	内 Int	*12N1.5 ISO	14N1.5 ISO	21N1.5 ISO	30N1.5 ISO	40N1.5 ISO
1.75	外 Ext		14E1.75 ISO			
	内 Int		14N1.75 ISO	21N1.75 ISO		
2	外 Ext		14E2.0 ISO	21E2.0 ISO	30E2.0 ISO	40E2.0 ISO
	内 Int		14N2.0 ISO	21N2.0 ISO	30N2.0 ISO	40N2.0 ISO
2.5	外 Ext		14E2.5 ISO	21E2.5 ISO		
	内 Int		14N2.5 ISO	21N2.5 ISO		
3	外 Ext			21E3.0 ISO	30E3.0 ISO	40E3.0 ISO
	内 Int			21N3.0 ISO	30N3.0 ISO	40N3.0 ISO
3.5	外 Ext				30E3.5 ISO	
	内 Int			21N3.5 ISO	30N3.5 ISO	40N3.5 ISO
4	外 Ext				30E4.0 ISO	40E4.0 ISO
	内 Int				30N4.0 ISO	40N4.0 ISO
4.5	外 Ext					
	内 Int				30N4.5 ISO	40N4.5 ISO
5	外 Ext					40E5.0 ISO
	内 Int					40N5.0 ISO
5.5	外 Ext					
	内 Int					40N5.5 ISO
6.0	外 Ext					40E6.0 ISO
	内 Int					40N6.0 ISO
H		6.3	7.5	12	16	20
T		2.9	3.1	4.7	5.5	6.3

* 带“*”的刀片只有单面刃。

* Insert with one cutting edge.

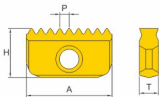


螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹铣刀片 UN-60° American UN Full Profile



标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



加工螺距 Pitch		刀片尺寸 Insert Size					
TPI		A=12mm	A=14mm	A=21mm	A=30mm	A=40mm	
32	外 Ext		14E32 UN				
	内 Int	*12N32 UN	14N32 UN				
28	外 Ext		14E28 UN				
	内 Int	*12N28 UN	14N28 UN				
27	外 Ext						
	内 Int		14N27 UN				
24	外 Ext		14E24 UN	21E24 UN			
	内 Int	*12N24 UN	14N24 UN	21N24 UN			
20	外 Ext		14E20 UN	21E20 UN	30E20 UN		
	内 Int	*12N20 UN	14N20 UN	21N20 UN	30N20 UN		
18	外 Ext		14E18 UN	21E18 UN	20E18 UN		
	内 Int	*12N18 UN	14N18 UN	21N18 UN	30N18 UN		
16	外 Ext		14E16 UN	21E16 UN	30E16 UN	40E16 UN	
	内 Int	*12N16 UN	14N16 UN	21N16 UN	30N16 UN	40N16 UN	
14	外 Ext		14E14 UN	21E14 UN	30E14 UN	40E14 UN	
	内 Int		14N14 UN	21N14 UN	30N14 UN	40N14 UN	
12	外 Ext		14E12 UN	21E12 UN	30E12 UN	40E12 UN	
	内 Int		14N12 UN	21N12 UN	30N12 UN	40N12 UN	
10	外 Ext			21E10 UN	30E10 UN	40E10 UN	
	内 Int			21N10 UN	30N10 UN	40N10 UN	
8	外 Ext				30E8 UN	40E8 UN	
	内 Int			21N8 UN	30N8 UN	40N8 UN	
6	外 Ext				30E6 UN	40E6 UN	
	内 Int				30N6 UN	40N6 UN	
4.5	外 Ext						
	内 Int					40N4.5 UN	
4	外 Ext						
	内 Int					40N4 UN	
H		6.3	7.5	12	16	20	
T		2.9	3.1	4.7	5.5	6.3	

* 带“*”的刀片只有单面刃。

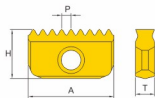
* Insert with one cutting edge.

螺纹铣削刀具 THREADING MILLING TOOLS

W-55° 英国惠氏螺纹铣刀片 W-55° Whitworth Full Profile



标准: B.S.84:1956, DIN 259, ISO 228/1:1982
Defined by: B.S.84:1956, DIN 259, ISO 228/1:1982
精度等级: Medium class A
Tolerance class: Medium class A



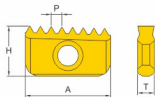
加工螺距范围 Pitch	刀片尺寸 Insert Size				
TPI	A=12mm	A=14mm	A=21mm	A=30mm	A=40mm
24		14-24W			
20		14-20W	21EN20W		
19	*12E19W, *12N19W	14-19W	21EN19W		
16		14-16W	21EN16W	30EN16W	
14		14-14W	21EN14W	30EN14W	
11			21EN11W	30EN11W	40EN11W
8					40EN8W

- * 带“*”的刀片只有单面刃。
- * Insert with one cutting edge.

NPTF 美制干密封锥管螺纹铣刀片 NPTF(Dry seal)



标准: ANSI B1.20.3-1976
Defined by: ANSI B1.20.3-1976
精度等级: 标准 NPTF
Tolerance class: Standard NPTF



加工螺距 Pitch	刀片尺寸 Insert Size				
TPI	A=12mm	A=14mm	A=21mm	A=30mm	A=40mm
18	*12E18NPTF, *12N18NPTF	14-18NPTF			
14		14-14NPTF	21-14NPTF		
11.5			21-11.5NPT	30-11.5NPTF	40-11.5NPTF
8				30-8NPTF	40-8NPTF

- * 带“*”的刀片只有单面刃。
- * Insert with one cutting edge.

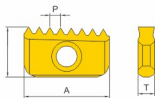


螺纹铣削刀具 THREADING MILLING TOOLS

NPT-60° 美国标准锥管螺纹铣刀片 NPT-60° National Pipe Threads



标准: USAS B2.1-1968
Defined by: USAS B2.1-1968
精度等级: Standard NPT
Tolerance class: Standard NPT



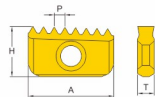
加工螺距 Pitch	刀片尺寸 Insert Size				
TPI	A=12mm	A=14mm	A=21mm	A=30mm	A=40mm
18	*12E18NPT, *12N18NPT	14 - 18NPT			
14		14 - 14NPT	21 - 14NPT		
11.5			21 - 11.5NPT	30 - 11.5NPT	40 - 11.5NPT
8				30 - 8NPT	40 - 8NPT

- * 带“*”的刀片只有单面刃。
- * Insert with one cutting edge.

BSPT-55° 英国标准锥管螺纹铣刀片 BSPT-55° British Standard Pipe Full Profile



标准: B.S.21-1985
Defined by: B.S.21-1985
精度等级: Standard BSPT
Tolerance class: Standard BSPT

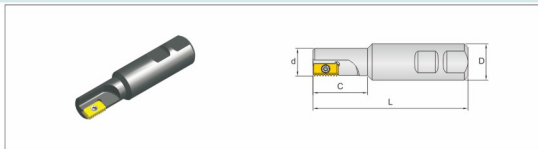


加工螺距范围 Pitch	刀片尺寸 Insert Size				
TPI	A=12mm	A=14mm	A=21mm	A=30mm	A=40mm
19	*12 E19BSPT, *12 N19BSPT	14 - 14BSPT			
14		14 - 14BSPT	21 - 14BSPT		
11			21 - 11BSPT	30 - 11BSPT	40 - 11BSPT

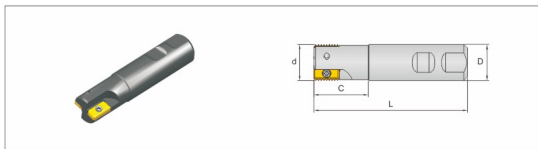
- * 带“*”的刀片只有单面刃。
- * Insert with one cutting edge.

螺纹铣削刀具 THREADING MILLING TOOLS

螺纹铣刀杆 Threading Milling Toolholders



订货号 Order No.	尺寸 Dimensions (mm)				齿数 Teeth	螺距 Pitch				
	d	D	C	L	Z _t	mm	TPI	刀片 Insert	螺钉 Screw	梅花扳手 Torx Key
ST90-2SR1T21-A20L125	25	20	30	125	1	1-3.5	7-24	210000	M3.5×8	T15
ST90-31R1T30-A25L150	31	25	50	150	1	1.5-5.0	6-20	300000	M4×0.5×11	T15
ST90-38R1T30-A32L150	38	32	50	150	1	1.5-5.0	6-20	300000	M4×0.5×11	T20
ST90-48R1T40-A40L210	48	40	78	210	1	1.5-6.0	4-16	400000	M5×11	T20

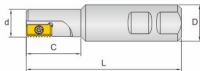


订货号 Order No.	尺寸 Dimensions (mm)				齿数 Teeth	螺距 Pitch				
	d	D	C	L	Z _t	mm	TPI	刀片 Insert	螺钉 Screw	梅花扳手 Torx Key
ST90-20R2T14-B20	20	20	41	96	2	0.5-2.5	10-32	140000	M3×8	T08
ST90-30R2T21-B25	30	25	52	113	2	1-3.5	7-24	210000	M3.5×12	T15
ST90-40R2T30-B32	40	32	70	135	2	1.5-5.0	6-20	300000	M4×12	T20
ST90-50R2T40-B40	50	40	78	153	2	1.5-6.0	4-16	400000	M5×12	T20



螺纹铣削刀具 THREADING MILLING TOOLS

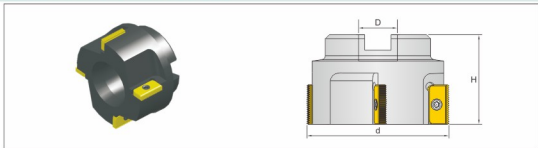
螺纹铣刀杆 Threading Milling Toolholders



订货号 Order No.	尺寸 Dimensions (mm)				齿数 Teeth	螺距 Pitch				
	d	D	C	L	Z _t	mm	TPI	刀片 Insert	螺钉 Screw	梅花扳手 Torx Key
ST90-9.5R1T12-B20	9.5	20	14	85	1	0.5-1.5	16-32	12□□□	M2.5×7.5	T08
ST90-9.9R1T12-B20	9.9	20	16	85	1	0.5-1.5	16-32	12□□□	M2.5×7.5	T08
ST90-12R1T14-B20	12	20	20	85	1	0.5-2.5	10-32	14□□□	M3×7.5	T08
ST90-14.5R1T14-B20	14.5	20	25	85	1	0.5-2.5	10-32	14□□□	M3×7.5	T08
ST90-17R1T14-B20	17	20	30	85	1	0.5-2.5	10-32	14□□□	M3×7.5	T08
ST90-18R1T21-B20	18	20	30	85	1	1-3.5	7-24	21□□□	M3.5×8	T15
ST90-21R1T21-B20	21	20	40	94	1	1-3.5	7-24	21□□□	M3.5×8	T15
ST90-29R1T30-B25	29	25	50	110	1	1.5-5.0	6-20	30□□□	M4×0.5×11	T20
ST90-48R1T40-B40	48	40	78	153	1	1.5-6.0	4-16	40□□□	M5×11	T20

螺纹铣削刀具 THREADING MILLING TOOLS

螺纹铣刀杆 Threading Milling Toolholders



订货号 Order No.	尺寸 Dimensions (mm)			齿数 Teeth	螺距 Pitch				
	d	D	L	Zt	mm	TPI	刀片 Insert	螺钉 Screw	梅花扳手 Torx Key
ST90-63RST21-P22	63	22	50	5	1-3.5	7-24	21□□□	M3.5×7.5	T15
ST90-63R4T30-P22	63	22	50	4	1.5-5.0	6-20	30□□□	M4×1×11	T20
ST90-80R4T30-P27	80	27	55	4	1.5-5.0	6-20	30□□□	M4×1×11	T20
ST90-100R4T30-S22	100	32	60	4	1.5-5.0	6-20	30□□□	M4×1×11	T20
ST90-80R4T40-P27	80	27	65	4	1.5-6.0	4-16	40□□□	M4×1×11	T20
ST90-100R4T40-S32	100	32	70	4	1.5-6.0	4-16	40□□□	M4×1×11	T20

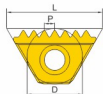


螺纹铣削刀具 THREADING MILLING TOOLS

ISO 标准型螺纹铣刀片 ISO Metric Full Profile



标准: R202 (DIN 13)
Defined by: R202 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



加工螺距 Pitch		刀片尺寸 Insert Size					
mm		L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
0.5	外 Ext						
	内 Int	*6.0N0.5 ISO	2N0.5 ISO	3N0.5 ISO			
0.75	外 Ext		2E0.75 ISO	3E0.75 ISO			
	内 Int	*6.0N0.75 ISO	2N0.75 ISO	3N0.75 ISO			
1	外 Ext		2E1.0 ISO	3E1.0 ISO	3BE1.0 ISO	5E1.0 ISO	
	内 Int	*6.0N1.0 ISO	2N1.0 ISO	3N1.0 ISO	3BN1.0 ISO	5N1.0 ISO	
1.25	外 Ext		2E1.25 ISO	3E1.25 ISO	3BE1.25 ISO	5E1.25 ISO	
	内 Int	*6.0N1.25 ISO	2N1.25 ISO	3N1.25 ISO	3BN1.25 ISO	5N1.25 ISO	
1.5	外 Ext		2E1.5 ISO	3E1.5 ISO	3BE1.5 ISO	5E1.5 ISO	6BE1.5 ISO
	内 Int	*6.0N1.5 ISO	2N1.5 ISO	3N1.5 ISO	3BN1.5 ISO	5N1.5 ISO	6BN1.5 ISO
1.75	外 Ext			3E1.75 ISO	3BE1.75 ISO	5E1.75 ISO	
	内 Int			3N1.75 ISO	3BN1.75 ISO	5N1.75 ISO	
2	外 Ext			3E2.0 ISO	3BE2.0 ISO	5E2.0 ISO	6BE2.0 ISO
	内 Int			3N2.0 ISO	3BN2.0 ISO	5N2.0 ISO	6BN2.0 ISO
2.5	外 Ext					5E2.5 ISO	6BE2.5 ISO
	内 Int					5N2.5 ISO	6BN2.5 ISO
3	外 Ext					5E3.0 ISO	6BE3.0 ISO
	内 Int					5N3.0 ISO	6BN3.0 ISO
3.5	外 Ext					5E3.5 ISO	
	内 Int					5N3.5 ISO	
4	外 Ext					5E4.0 ISO	6BE4.0 ISO
	内 Int					5N4.0 ISO	6BN4.0 ISO
4.5	外 Ext					5E4.5 ISO	6BE4.5 ISO
	内 Int					5N4.5 ISO	6BN4.5 ISO
5	外 Ext						6BE5.0 ISO
	内 Int						6BN5.0 ISO
5.5	外 Ext						6BE5.5 ISO
	内 Int						6BN5.5 ISO
6	外 Ext						6BE6.0 ISO
	内 Int						6BN6.0 ISO

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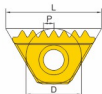
* Insert with one cutting edge.

螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹铣刀片 UN-60° American UN Full Profile



标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



加工螺距 Pitch		刀片尺寸 Insert Size					
TPI		L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
48	外 Ext						
	内 Int		2N48 UN				
40	外 Ext						
	内 Int		2N40 UN	3N40 UN			
32	外 Ext						
	内 Int	*6.0N32 UN	2N32 UN	3N32 UN			
28	外 Ext		2E28 UN	3E28 UN			
	内 Int	*6.0N28 UN	2N28 UN	3N28 UN			
27	外 Ext		2E27 UN	3E27 UN			
	内 Int		2N27 UN	3N27 UN			
26	外 Ext			3E26 UN			
	内 Int			3N26 UN			
24	外 Ext		2E24 UN	3E24 UN	3BE24 UN	5E24 UN	
	内 Int	*6.0N24 UN	2N24 UN	3N24 UN	3BN24 UN	5N24 UN	
20	外 Ext		2E20 UN	3E20 UN	3BE20 UN	5E20 UN	
	内 Int	*6.0N20 UN	2N20 UN	3N20 UN	3BN20 UN	5N20 UN	
18	外 Ext		2E18 UN	3E18 UN	3BE18 UN	5E18 UN	
	内 Int	*6.0N18 UN	2N18 UN	3N18 UN	3BN18 UN	5N18 UN	
16	外 Ext		2E16 UN	3E16 UN	3BE16 UN	5E16 UN	
	内 Int	*6.0N16 UN	2N16 UN	3N16 UN	3BN16 UN	5N16 UN	
14	外 Ext		2E14 UN	3E14 UN	3BE14 UN	5E14 UN	
	内 Int		2N14 UN	3N14 UN	3BN14 UN	5N14 UN	
13	外 Ext			3E13 UN	3BE13 UN	5E13 UN	
	内 Int			3N13 UN	3BN13 UN	5N13 UN	
12	外 Ext			3E12 UN	3BE12 UN	5E12 UN	
	内 Int			3N12 UN	3BN12 UN	5N12 UN	
11.5	外 Ext			3E11.5 UN		5E11.5 UN	
	内 Int			3N11.5 UN		5N11.5 UN	

* 带“*”的刀片只有单面刃。

* Insert with one cutting edge.



螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹铣刀片 (续) UN-60° American UN Full Profile(con't)

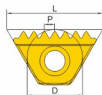
加工螺距 Pitch		刀片尺寸 Insert Size					
TPI		L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
11	外 Ext					SE11 UN	
	内 Int					SN11 UN	
10	外 Ext					SE10 UN	
	内 Int					SN10 UN	
9	外 Ext					SE9 UN	
	内 Int					SN9 UN	
8	外 Ext					SE8 UN	
	内 Int					SN8 UN	
7	外 Ext					SE7 UN	
	内 Int					SN7 UN	
6	外 Ext					SE6 UN	6BE6 UN
	内 Int					SN6 UN	6BN6 UN
5	外 Ext						6BE5 UN
	内 Int						6BN5 UN
4.5	外 Ext						6BE4.5 UN
	内 Int						6BN4.5 UN
4	外 Ext						6BE4 UN
	内 Int						6BN4 UN

螺纹铣削刀具 THREADING MILLING TOOLS

UNJ美制航空航天机械螺纹铣刀片 UNJ Aviation Thread



标准: MIL-S-8879C
Defined by: MIL-S-8879C
精度等级: 3A/3B
Tolerance class: 3A/3B



加工螺距 Pitch		刀片尺寸 Insert Size			
TPI		L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=27mm D=5/8"
24	外 Ext		2E24 UNJ	3E24 UNJ	
	内 Int	*6.0N24 UNJ	2N24 UNJ	3N24 UNJ	
20	外 Ext		2E20 UNJ	3E20 UNJ	
	内 Int	*6.0N20 UNJ	2N20 UNJ	3N20 UNJ	
18	外 Ext			3E18 UNJ	
	内 Int	*6.0N18 UNJ	2N18 UNJ	3N18 UNJ	
16	外 Ext		2E16 UNJ	3E16 UNJ	5E16 UNJ
	内 Int	*6.0N16 UNJ	2N16 UNJ	3N16 UNJ	5N16 UNJ
14	外 Ext		2E14 UNJ	3E14 UNJ	
	内 Int		2N14 UNJ	3N14 UNJ	
13	外 Ext			3E13 UNJ	
	内 Int				
12	外 Ext			3E12 UNJ	5E12 UNJ
	内 Int			3N12 UNJ	5N12 UNJ
11	外 Ext				5E11 UNJ
	内 Int				5N11 UNJ

* 带“*”的刀片只有单面刃。

* Insert with one cutting edge.

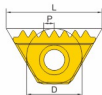


螺纹铣削刀具 THREADING MILLING TOOLS

W-55° 英制惠氏螺纹铣刀片 W-55° Whitworth Full Profile



标准: B.S.84.1956, DIN 259, ISO 228/1:1982
Defined by: B.S.84.1956, DIN 259, ISO 228/1:1982
精度等级: Medium class A
Tolerance class: Medium class A



加工螺距 Pitch		刀片尺寸 Insert Size					
TPI	L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=22mm D=3/8"	L=27mm D=5/8"	L=38.5mm D=3/4"	
28	*6.0EN28 W	2EN28 W					
26	*6.0EN26 W	2EN26 W	3-26 W				
24	*6.0EN24 W	2EN24 W	3-24 W	38EN24 W			
20	*6.0EN20 W	2EN20 W	3-20 W	38EN20 W			
19	*6.0EN19 W	2EN19 W	3-19 W	38EN19 W			
18			3-18 W	38EN18 W			
16			3-16 W	38EN16 W	5EN16 W		
14		2EN14 W	3-14 W	38EN14 W	5EN14 W		
12			3-12 W	38EN12 W	5EN12 W		
11			3-11 W	38EN11 W	5EN11 W	68EN11 W	
10					5EN10 W		
9					5EN9 W		
8					5EN8 W		
7					5EN7 W		
6					5EN6 W	68EN6 W	
5						68EN5 W	
4.5						68EN4.5 W	

* 带“*”的刀片只有单面刃。

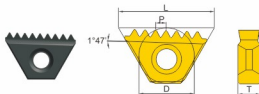
* Insert with one cutting edge.

螺纹铣削刀具 THREADING MILLING TOOLS

NPTF美制干密封螺纹铣刀片 NPTF(Dry seal)



标准: ANSI B1.20.3-1976
Defined by: ANSI B1.20.3-1976
精度等级: 标准 NPTF
Tolerance class: Standard NPTF

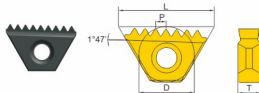


加工螺距 Pitch		刀片尺寸 Insert Size			
TP1	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B	
14	3-14 NPTF	3B-14 NPTF	5-11.5 NPTF	6B-11.5 NPTF	
11.5	3-11.5 NPTF	3B-11.5 NPTF	5-8 NPTF	6B-8 NPTF	
8					

BSPT-55° 英国标准锥管螺纹铣刀片 BSPT-55° British Standard pipe full profile



标准: B.S.21:1965
Defined by: B.S.21:1965
精度等级: 标准 BSPT
Tolerance class: Standard BSPT



加工螺距 Pitch		刀片尺寸 Insert Size			
TP1	L=11mm D=1/4"	L=16mm D=3/8"	L=27mm D=5/8"		
19	2-19 BSPT				
14		3-14 BSPT			
11		3-11 BSPT	5-11 BSPT		

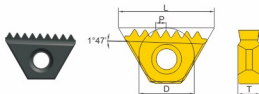


螺纹铣削刀具 THREADING MILLING TOOLS

NPT-60° 美国标准锥管螺纹铣刀片 NPT-60° National Pipe Threads



标准: USAS B2.1:1968
Defined by: USAS B2.1:1968
精度等级: Standard NPT
Tolerance class: Standard NPT



加工螺距 Pitch		刀片尺寸 Insert Size		
TPI	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
18	*3E18 NPT			
14	3 - 14 NPT	3B - 14 NPT		
11.5	3 - 11.5 NPT	**3B - 11.5 NPT	5 - 11.5 NPT	6B - 11.5 NPT
8			5 - 8 NPT	6B - 8 NPT

* 带""的刀片只有单面刃。

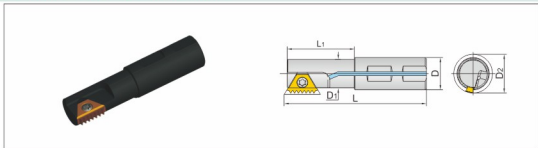
* Insert with one cutting edge.

** 带""的只用于左旋螺纹单边刀片。

** Insert with one cutting dege , LH only.

螺纹铣削刀具 THREADING MILLING TOOLS

螺纹铣刀杆 Threading Milling Toolholders

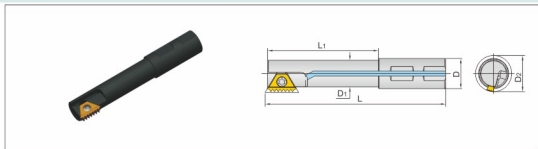


订 货号 Order No.	尺 寸 Dimensions (mm)							
	L	L1	D	D1	D2	刀 片 Insert	螺 钉 Screw	扳 手 Torx key
TMMC12-6.0	69	12	12	6.8	9	60000	M2.2x0.45x5.0	T07
TMMC20-6.0	84	17	20	6.8	9			
TMC12-2	70	12	12	8.9	11.5	20000	M2.6x0.45x5.9	T08
TMC20-2	85	20	20	8.9	11.5			
TMC16-3	90	22	16	13.6	17	30000	UNC5x8.0	T10
TMC20-3	95	43	20	16.6	20			
BTMC16-3B	79.5	29	16	13.5	17	38000	UNC5x8.0	T10
BTMC20-3B	81.5	29	20	15.5	19		UNC5x9.5	T10
BTMC25-3B	92.3	30	25	15.5	19			
BTMWC25-3B	90.8	30	25	18.5	22			
TMC25-5	110	52	25	24	30	50000	M5x0.8x15.0	T25
TMC25-5LH	110	52	25	24	30			
TMC32-5	120	58	32	31	37			
TMC32-6B	115	53	32	27	35	68000	M7x1.0x15.0	T25
TMC40-6B	135	63	40	38	46			



螺纹铣削刀具 THREADING MILLING TOOLS

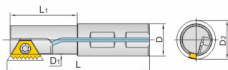
螺纹铣刀杆 Threading Milling Toolholders



订货号 Order No.	尺寸 Dimensions (mm)							
	L	L1	D	D1	D2	刀片 Insert	螺钉 Screw	扳手 Torx key
TMLC25-2	125	17	25	8.9	11.5	2000	M2.6x0.45x5.9	T08
TMLC25-3	125	25	25	18.6	22	3000	UNC5x8.0	T10
BTMLC25-3	125	63.5	25	18.6	22	38000	UNC5x8.0	T10
BTMLC20-3B	96.5	44	20	15.5	19			
BTMLC25-3B	125	63.5	25	18.6	22	5000	M5x0.8x15.0	T25
TMLC25-5	150	92	25	24	30			
TMLC32-5	160	98	32	31	37			
TMLC40-6B	165	93	40	38	46	68000	M7x1.0x15.0	T25

螺纹铣削刀具 THREADING MILLING TOOLS

螺纹铣刀杆 Threading Milling Toolholders



订货号 Order No.	尺寸 Dimensions (mm)							
	L	L1	D	D1	D2	刀片 Insert	螺钉 Screw	扳手 Torx key
TMMC20-6.0 124/003	85	15	20	6.7	9	6.0mm	M2.2x0.45x5.0	T07
TMC20-2 124/005	77	15.5	20	7.4	10	2.0mm	M2.6x0.45x5.9	T08
TMC20-2 124/006	77	15.5	20	9	12			
TMC20-2 124/009	77	15.5	20	7.4	10	3.0mm	UNC5x8.0	T10
TMC16-3 124/001	91	20.5	16	12.2	15.5	4.0mm	UNC8x10.7	T20
TMC25-4 124/002	88	30	25	13.4	18		UNC8x11.6	T20
TMC25-4 124/007	98	40	25	16	20	5.0mm	M5x0.8x15.0	T25
TMC25-5 124/004	98	40	25	19	25		M7x1.0x15.0	T25
TMC25-5 124/008	98	40	25	16.4	22			

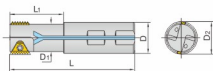


螺纹铣削刀具 THREADING MILLING TOOLS

螺纹铣刀杆 Threading Milling Toolholders



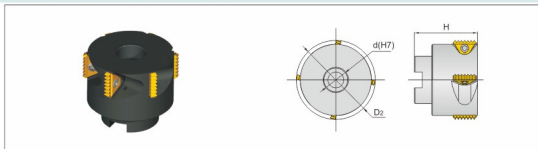
订货号 Order No.		尺寸 Dimensions (mm)							
右刀	左刀	L	L1	D	D1	D2	刀片 Insert	螺钉 Screw	扳手 Torx key
TMNC16-3	TMNC16-3 LH	90	22	16	12.5	15.5	3000	UNC5x8.0	T10
TMNC20-3	TMNC20-3 LH	85	23	20	15	19			
BTMNC16-3B	BTMNC16-3B LH	79.5	29	16	13.5	17	3B000	UNC5x8.0	T10
BTMNC20-3B	BTMNC20-3B LH	81.5	29	20	15.5	19			
TMNC32-5	TMNC32-5 LH	120	58	32	31	37	5000	M5x0.8x15.0	T25



订货号 Order No.	尺寸 Dimensions (mm)							
	L	L1	D	D1	D2	刀片 Insert	螺钉 Screw	扳手 Torx key
TM2C20-2	85	20	20	14.4	17	2000	M2.6x0.45x5.9	T08
TM2C25-3	100	43	25	22.5	26	3000		
BTM2C25-3B	104.2	46	25	22.5	26	3B000		
TM2C32-5	120	45	32	36	42	5000	M5x0.8x15.0	T25
TM2C40-6B	137.2	65	40	44	52	6B000	M7x1.0x15.0	T25

螺纹铣削刀具 THREADING MILLING TOOLS

螺纹铣刀杆 Threading Milling Toolholders



订货号 Order No.	刀片数量 NO. of inserts	尺寸 Dimensions (mm)						
		D ₂	d (H7)	H	刀片 Insert	螺钉 Screw	扳手 Torx key	刀杆螺钉 older Screw
TMSH-D38-16-2	6	38	16	40	2000	SN2T	HK2T	M8*1.25*35
TMSH-D50-22-2	8	50	22	40	3000	SN3TM	HK3T	M10*1.5*35
TMSH-D50-22-3	6	50	22	40	3000	SN3TM	HK3T	M10*1.5*35
TMSH-D63-22-38	6	63	22	40	38000	SN3TM	HK3T	M10*1.5*35
TMSH-D63-22-5	4	63	22	45	5000	SNSTM	HKST	M10*1.5*35
TMSH-D63-22-68	4	63	22	50	68000	SM7T	HK7T	M10*1.5*35
TMSH-D80-27-5	6	80	27	50	5000	SNSTM	KHST	M12*1.75*40
TMSH-D80-27-68	5	80	27	50	68000	SM7T	KH7T	M12*1.75*40
TMSH-D100-32-5	7	100	32	55	5000	SNSTM	KHST	M16*2*40
TMSH-D100-32-68	6	100	32	55	68000	SM7T	KH7T	M16*2*40
TMSH-D125-40-5	9	125	40	63	5000	SNSTM	KHST	M20*2.5*50
TMSH-D125-40-68	8	125	40	63	68000	SM7T	KH7T	M20*2.5*50



螺纹铣削刀具 THREADING MILLING TOOLS

W系列螺纹铣刀片型号说明 W Line Threading Milling Inserts Ordering Code System

W	41	E	3.00	ISO
1	2	3	4	5
1、产品系列 Product line	2、刀片尺寸 Insert size		3、加工类型 Type of Insert	
W - 紧凑型系列 W - W line	L = 24mm L = 25mm L = 40mm L = 41mm		E - 外螺纹 External N - 内螺纹 Internal - 内外通用螺纹 External + Internal	
4、螺距 Pitch				
0.5 - 6.0 mm 32 - 4 TPI				
5、螺纹标准 Standard				
ISO — ISO标准型螺纹 ISO Metric UN — 60° 美制统一标准型螺纹 American UN W — 55° 英国惠氏螺纹 Whitworth for BSW BSP NPT — 60° 美国标准锥管螺纹 NPT NPTF - 60° 美制干密封螺纹 NPTF BSPT - 55° 英制标准锥管螺纹 British Standard Pipe Thread (BSPT)				

W系列直柄螺纹铣刀杆型号说明

W Line Threading Milling Tool Ordering Code System Holders Standard and Conical

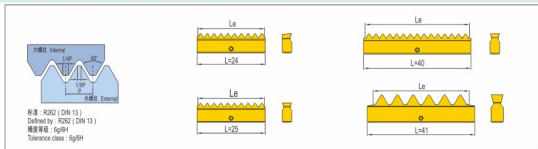
W	S	C	20	15	-	30	24	1
1	2	3	4	5		6	7	8
1、产品系列 Product line	2、刀杆类型 Holder Type		3、内冷却 Cooling			4、刀柄直径 Shank Dia.[mm]	5、切削刃直径 Cutting Dia.[mm]	
W - 紧凑型系列 W - W line	S - 标准型 Standard holder C - 锥度型 Conical holder		C - 冷却孔 Coolant Channel			20 25 32	13.6 - 36	
6、悬长 Tool Overhang[mm]		7、刀片尺寸 Insert size		8、槽 数 NO.of Flutes				
26 - 80		24 25 40 41		1 - 5				

W系列套式螺纹铣刀杆型号说明 W Line Threading Shell Mill

W	S	C	D44	22	-	25	6
1	2	3	4	5		6	7
1、产品系列 Product line	2、刀杆类型 Holder Type		3、内冷却 Cooling			4、切削刃直径 Cutting Dia.[mm]	5、内孔直径 Drive Hole Dia.[mm]
W - 紧凑型系列 W - W line	S - 标准型 Standard holder C - 锥度型 Conical holder		C - 冷却孔 Coolant Channel			36 - 58	16 22 27
6、刀片尺寸 Insert size		7、槽数 NO.of Flutes					
25 40 41		5 - 8					

螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹铣刀片 ISO Metric Full Profile



刀片尺寸 Insert Size		螺距Pitch	订货号 Order No.		刃数	Le	齿数Teeth	刀杆
L (mm)	mm	外螺纹 External	内螺纹 Internal	Cutting Edge	mm	Zt	Tool holder	
	0.5		W24N0.50 ISO	1	24.00	48	WSC_24	
	0.75		W24N0.75 ISO	1	24.00	32		
	1		W24N1.00 ISO	1	24.00	24		
	1.25		W24N1.25 ISO	1	23.75	19		
	1.5		W24N1.50 ISO	1	24.00	16		
	1.75		W24N1.75 ISO	1	22.75	13		
	2		W24N2.00 ISO	1	24.00	12		
	2.5		W24N2.50 ISO	1	22.50	9	WSC_25	
	1	W25E1.00 ISO	W25N1.00 ISO	2	24.00	24		
	1.5	W25E1.50 ISO	W25N1.50 ISO	2	24.00	16		
	2	W25E2.00 ISO	W25N2.00 ISO	2	24.00	12		
	2.5	W25E2.50 ISO	W25N2.50 ISO	2	25.00	10		
	3	W25E3.00 ISO	W25N3.00 ISO	2	24.00	8		
		1		W40N1.00 ISO	2	39.00		39
1.5			W40N1.50 ISO	2	39.00	26		
2			W40N2.00 ISO	2	38.00	19		
2.5			W40N2.50 ISO	2	37.50	15		
3			W40N3.00 ISO	2	39.00	13		
3		W41E3.00 ISO	W41N3.00 ISO	2	39.00	13		
3.5		W41E3.50 ISO	W41N3.50 ISO	2	38.50	11		
	4	W41E4.00 ISO	W41N4.00 ISO	2	40.00	10	WSC_41	
	4.5	W41E4.50 ISO	W41N4.50 ISO	2	40.50	9		
	5	W41E5.00 ISO	W41N5.00 ISO	2	40.00	8		
	5.5	W41E5.50 ISO	W41N5.50 ISO	2	38.50	7		
	6	W41E6.00 ISO	W41N6.00 ISO	2	36.00	6		

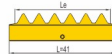
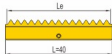


螺纹铣削刀具 THREADING MILLING TOOLS

UN-60°美制统一标准螺纹铣刀片 American UN Full Profile



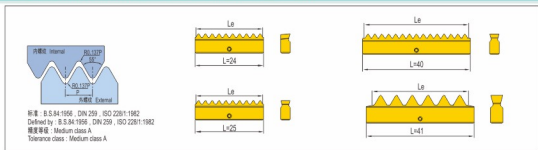
标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



刀片尺寸 Insert Size		螺距Pitch	订货号 Order No.		刃数	Le	齿数Teeth	刀杆
L (mm)	TPI	外螺纹 External	内螺纹 Internal	Cutting Edge	mm	Zt	Tool holder	
	24	32	W24N32 UN	1	24.61	31	WSC_24	
		28	W24N28 UN	1	24.49	27		
		24	W24N24 UN	1	24.34	23		
		20	W24N20 UN	1	24.13	19		
		18	W24N18 UN	1	23.99	17		
		16	W24N16 UN	1	23.81	15		
		14	W24N14 UN	1	23.59	13		
		12	W24N12 UN	1	23.28	11		
	25	10	W24N10 UN	1	22.86	9	WSC_25	
		20	W25E20 UN	2	24.13	19		
		18	W25E18 UN	2	23.99	17		
		16	W25E16 UN	2	23.81	15		
		14	W25E14 UN	2	23.58	13		
		12	W25E12 UN	2	23.28	11		
		10	W25E10 UN	2	22.86	9		
		9	W25E9 UN	2	22.58	8		
	40	8	W25E8 UN	2	22.22	7	WSC_40	
		20	W40N20 UN	2	39.37	31		
		18	W40N18 UN	2	39.51	28		
		16	W40N16 UN	2	39.69	25		
		14	W40N14 UN	2	39.91	22		
		12	W40N12 UN	2	38.10	18		
		10	W40N10 UN	2	38.10	15		
		9	W40N9 UN	2	39.51	14		
	41	8	W40N8 UN	2	38.10	12	WSC_41	
		8	W41E8 UN	2	38.10	12		
		7	W41E7 UN	2	39.91	11		
		6	W41E6 UN	2	38.10	9		
		5	W41E5 UN	2	35.56	7		
		4.5	W41E4.5 UN	2	39.51	7		
	4	W41E4 UN	2	38.10	6			

螺纹铣削刀具 THREADING MILLING TOOLS

W-55° 英国惠氏螺纹铣刀片 W-55° Whitworth Full Profile

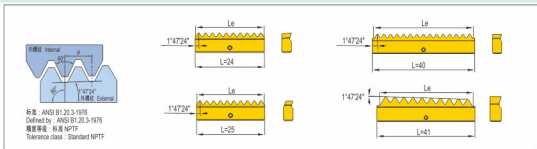


刀片尺寸 Insert Size		螺距 Pitch	订货号 Order No.		刃数 Le	齿数 Teeth	刀杆 Tool holder
L (mm)	TPI	内外螺纹通用 External+Internal	内螺纹 Internal	Cutting Edge	mm	Zt	Tool holder
	24	19 W24-19 W		1	24.06	18	WSC_24
		14 W24-14 W		1	23.59	13	
		12 W24-12 W		1	23.28	11	
		16 W25-16 W		2	23.81	15	
	25	14 W25-14 W		2	23.58	13	WSC_25
		12 W25-12 W		2	22.28	11	
		11 W25-11 W		2	23.09	10	
		16 W40-16 W		2	39.69	25	
	40	14 W40-14 W		2	39.91	22	WSC_40
		12 W40-12 W		2	38.10	18	
		11 W40-11 W		2	39.25	17	
		8 W41N8 W		2	38.10	12	
	41	7 W41N7 W		2	39.91	11	WSC_41
		6 W41N6 W		2	38.10	9	



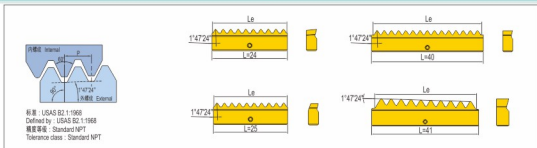
螺纹铣削刀具 THREADING MILLING TOOLS

NPTF美制干密封锥管螺纹铣刀片 NPTF



刀片尺寸 Insert Size	螺距 Pitch	订货号 Order No.	刃数	Le	齿数 Teeth	刀杆
L (mm)	TPI	内外螺纹通用 External+Internal	Cutting Edge	mm	Zt	Tool holder
24	18	W24-18 NPTF	1	23.99	17	WCC.24
	14	W25-14 NPTF	1	23.58	13	WCC.25
25	11.5	W25-11.5 NPTF	1	24.30	11	WCC-D36-16-255
	8	W25-8 NPTF	1	22.22	7	WCC-D36-16-255
40	11.5	W40-11.5 NPTF	1	37.55	17	WCC-D45-22-406
	8	W40-8 NPTF	1	38.10	12	WCC-D45-22-406
41	8	W41-8 NPTF	1	38.10	12	WSC.41

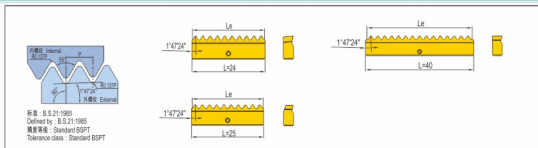
NPT-60° 美国标准锥度螺纹 NPT-60° National Pipe Threads



刀片尺寸 Insert Size	螺距 Pitch	订货号 Order No.	刃数	Le	齿数 Teeth	刀杆
L (mm)	TPI	内外螺纹通用 External+Internal	Cutting Edge	mm	Zt	Tool holder
24	18	W24-18 NPT	1	23.99	17	WCC.24
	14	W25-14 NPT	1	23.58	13	WCC.25
25	11.5	W25-11.5 NPT	1	24.30	11	WCC-D36-16-255
	8	W25-8 NPT	1	22.22	7	WCC-D36-16-255
40	11.5	W40-11.5 NPT	1	37.55	17	WCC-D45-22-406
	8	W40-8 NPT	1	38.10	12	WCC-D45-22-406
41	8	W41-8 NPT	1	38.10	12	WSC.41

螺纹铣削刀具 THREADING MILLING TOOLS

BSPT-55° 英国标准锥管螺纹铣刀片 BSPT-55° British Standard Pipe Full Thread



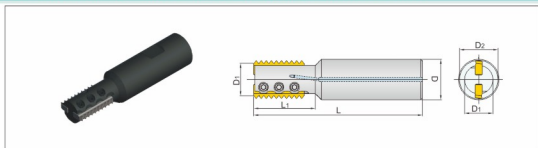
刀片尺寸 Insert Size	螺距	订货号 Order No.	刃数	Le	齿数	刀杆
L (mm)	Pitch (TP)	内外螺纹通用 External+Internal	Cutting Edge	mm	Teeth Zt	Tool holder
24	19	W24-19 BSPT	1	24.06	18	WCC-2014-26241
25	14	W25-14 BSPT	1	23.58	13	WCC-25
40	11	W40-11 BSPT	1	39.25	17	WCC-D45-22-406





螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸24mm的标准刀杆 Standard Toolholders for Insert Size 24mm



标准螺纹刀杆 WSC - for standard threads

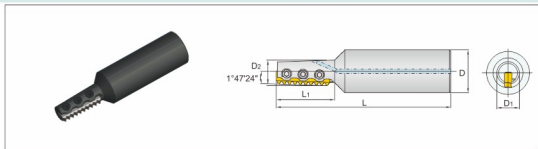
刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)						槽数 No. of Flutes			
mm		L	L1	D	D1	D2	Z		锁定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver
24	WSC 2013-26241	82	26	20	10.7	13.6	1		LS M4×0.7	CS M4×0.7	T08
	WSC 2015-30241	85	30	20	11.9	15.1	1				
	WSC 2016-28242	83	28	20	12.6	16	2				
	WSC 2016-36241	91	36	20	12.6	16	1				

刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

刀杆 Tool holder	最小螺纹直径 Min. Thread ϕ						
	D2 mm	ISO 粗牙 ISO Coarse	ISO 细牙 ISO Fine	UNC	UN/UNF/UNEF/UNS	BSF	BSP(G)
WSC 2013-26241	13.6	M16×2	M14.5×0.5; M15×0.75; M15×1; M15×1.25; M16×1.5; M16×1.75	-	11/16"×12UN; 5/8"×14UNS; 5/8"×16UN; 5/8"×18UNF; 5/8"×20UN; 5/8"×24UNEF; 5/8"×28UN; 5/8"×32UN	11/16"×14 3/4"×12	3/8"×19
WSC 2015-30241	15.1	M18×2.5	M16×0.5; M17×0.75; M17×1; M17×1.25; M17×1.5; M18×1.75; M18×2	3/4"×10	3/4"×12UN; 3/4"×14UNS; 11/16"×16UN; 11/16"×20UN; 11/16"×24UNEF; 11/16"×28UN; 11/16"×32UN	3/4"×12	-
WSC 2016-28242	16	M20×2.5	M17×0.5; M17×0.75; M18×1; M18×1.25; M18×1.5; M18×1.75; M19×2	3/4"×10	3/4"×12UN; 3/4"×14UNS; 3/4"×16UN; 3/4"×18UNS; 3/4"×20UNEF; 11/16"×24UNEF; 11/16"×28UN; 11/16"×32UN	3/4"×12	-
WSC 2016-36241	16	M20×2.5	M17×0.5; M17×0.75; M18×1; M18×1.25; M18×1.5; M18×1.75; M19×2	3/4"×10	3/4"×12UN; 3/4"×14UNS; 3/4"×16UN; 3/4"×18UNS; 3/4"×20UNEF; 11/16"×24UNEF; 11/16"×28UN; 11/16"×32UN	3/4"×12	-

螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸24mm的锥度刀杆 Conical Toolholders for Insert Size 24mm



刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)						槽数 No. of Flutes	紧固螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver
mm		L	L1	D	D1	D2	Z				
24	WCC 2014-26241	81	26	20	11.5	13.9	1		LS M4×0.7	CS M4×0.7	T08

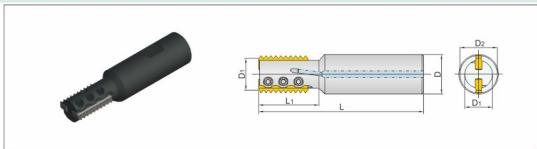
刀杆所适用的锥度螺纹 Conical Thread Application by Toolholder

刀杆 Tool holder	最小螺纹直径 Min. Thread Φ			
	D2 mm	NPT	NPTF	BSPT
WCC 2014-26241	13.9	3/8"×18	3/8"×18	3/8"×19



螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸25mm的标准刀杆 Standard Toolholders for Insert Size 25mm



标准螺纹刀杆 WSC - for standard threads

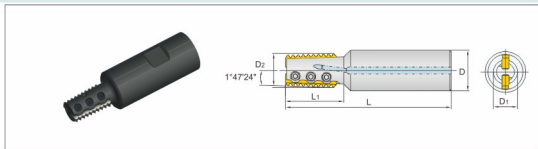
刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)						槽数 No. of Flutes			
mm		L	L1	D	D1	D2	Z	紧定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver	
25	WSC 2517-26252	85	26	25	14	17	2	LS M4×0.7	CS M4×0.7	T08	
	WSC 2517-36252	95	36	25	14	17	2				
	WSC 2519-32252	92	32	25	15	19	2				
	WSC 2519-44252	104	44	25	15	19	2				
	WSC 2520-37253	96	37	25	16.5	20.5	3				
	WSC 2520-44253	103	44	25	16.5	20.5	3				
	WSC 2522-43253	102	43	25	18	22	3				
	WSC 2522-55253	114	55	25	18	22	3				
	WSC 2530-55255	115	55	25	26	30	5				

刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

刀 杆 Tool holder	D2 mm	ISO 粗牙 ISO Coarse	ISO 细牙 ISO Fine	UNC	最小螺纹直径 Min.Thread ϕ	UN/UNF/UNEF/UNS	BSF	BSP(G)
WSC 2517-26252	17	M20×2.5	M19×1; M19×1.5; M20×2	-	7/8"×10UNS; 13/16"×12UN; 7/8"×14UNF; 3/4"×16UNF; 3/4"×18UNS; 3/4"×20UNEF	7/8"×11; 7/8"×12; 7/8"×14; 7/8"×16	1/2"×14	
WSC 2517-36252								
WSC 2519-32252	19	M22×2.5	M21×1; M21×1.5; M22×2	7/8"×9 1"×8	7/8"×20UNEF; 7/8"×18UNS; 7/8"×16UN; 7/8"×14UNF; 7/8"×12UN; 7/8"×10UNS	7/8"×16; 7/8"×14; 15/16"×12; 15/16"×11	5/8"×14	
WSC 2519-44252								
WSC 2520-37253	20.5	M24×3	M22×1; M23×1.5; M23×2; M23.5×2.5	1"×8	15/16"×9UN; 1"×10UNS; 15/16"×12UN; 1"×14UNF; 15/16"×16UN; 7/8"×18UNS; 7/8"×20UNEF	1"×11; 1"×12; 1"×14; 1"×16	5/8"×14	
WSC 2520-44253								
WSC 2522-43253	22	M27×3	M24×1; M24×1.5; M25×2; M25×2.5	-	1 1/16"×8UN; 1"×9UN; 1"×10UNS; 1"×12UNF; 1"×14UNS; 1"×16UN; 1"×18UN; 15/16"×20UNEF	1"×11; 1"×12; 1"×14; 1"×16	3/4"×14	
WSC 2522-55253								
WSC 2530-55255	30	-	M32×1; M32×1.5; M33×2; M33×2.5; M34×3	-	1 3/8"×8UN; 1 3/8"×9UN; 1 3/8"×10UN; 1 3/8"×14UNS; 1 5/16"×16UN; 1 5/16"×18UNEF; 1 5/16"×12UN; 1 5/16"×20UN	1 3/8"×11; 1 3/8"×12; 1 3/8"×14; 1 3/8"×16	1"×11	

螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸25mm的锥度刀杆 Conical Toolholders for Insert Size 25mm



锥度螺纹刀杆 WCC - for conical threads

刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)					槽数 No. of Flutes			
mm		L	L1	D	D1	D2	Z	锁定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver
25	WCC 2517-26252	85	26	25	14	17	2	LS M4×0.7	CS M4×0.7	T08
	WCC 2522-43253	102	43	25	18	22	3			
	WCC 2528-43254	103	43	25	26	28	4			

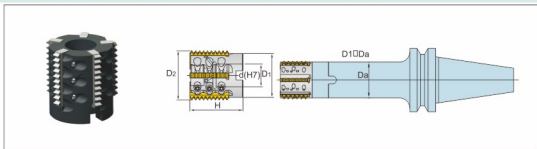
刀杆所适用的锥度螺纹锥度 Conical Thread Application by Toolholder

刀 杆 Tool holder	最小螺纹直径 Min.Thread Φ			
	D2 mm	NPT	NPTF	BSPT
WCC 2517-26252	17	1/2"×14; 3/4"×14; 1"×11.5; 1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5	1/2"×14; 3/4"×14; 1"×11.5; 1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5	1/2"×14; 3/4"×14
WCC 2522-43253	22	3/4"×14; 1"×11.5; 1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5	3/4"×14; 1"×11.5; 1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5	3/4"×14; 1"×11; 1 1/4"×11; 1 1/2"×11; 2"×11; 2 1/2"×11; 3"×11; 4"×11; 5"×11; 6"×11
WCC 2528-43254	28	1"×11.5; 1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5	1"×11.5; 1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5	1"×11; 1 1/4"×11; 1 1/2"×11; 2"×11; 2 1/2"×11; 3"×11; 4"×11; 5"×11; 6"×11



螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸25mm的螺纹套式铣刀 Shell Mills for Insert Size 25mm



标准和锥度套式铣刀 Standard and conical shell mills

刀片尺寸 Insert Size		订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes				
mm			D1	D2	d(H7)	H	Z	紧定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver	内六角螺钉 Holder Screw
标准 Standard	25	WSC D36-16-255	32	36	16	33.5	5	LS M4×0.7	CS M4×0.7	T08	M8×1.25×30
		WSC D44-22-256	40	44	22	38	6				M10×1.50×40
		WSC D52-27-258	48	52	27	40	8				M12×1.75×40
锥度 Conical		WCC D36-16-255	32	36	16	33.5	5				M8×1.25×30

刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

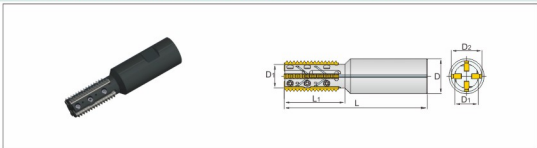
刀杆 Tool holder		最小螺纹直径 Min. Thread ϕ				
		D2 mm	ISO 细牙 ISO Fine	UN/UNF/UNEF/UNS	BSW	BSP(G)
标准 Standard	WSC D36-16-255	36	M38×1; M39×1.5; M39×2; M40×3	1 9/16"×12UN; 1 5/8"×14UNS; 1 9/16"×UN; 1 1/2"×18UNEF; 1 1/2"×20UN	1 3/4"×16 1 3/4"×12	1 1/4"×11
	WSC D44-22-256	44	M48×1; M48×1.5; M48×2; M48×3	1 7/8"×12UN; 1 13/16"×16UN; 1 13/16"×20UN 1 15/16"×8UN; 1 7/8"×10UNS; 1 7/8"×14UNS	2"×16 2"×12	1 1/2"×11
	WSC D52-27-258	52	M55×1; M55×1.5; M55×2; M56×3	2 1/4"×8UN; 2 1/4"×10UN; 2 1/4"×12UN; 2 1/4"×14UN; 2 1/4"×16UN; 2 1/4"×18UN; 2 1/4"×20UN	2 1/4"×16 2 1/4"×12	2"×11

刀杆所适用的锥度螺纹 Conical Thread Application by Toolholder

刀杆 Tool holder		最小螺纹直径 Min. Thread ϕ			
		D2 mm	NPT	NPTF	BSPT
锥度 Conical	WCC D36-16-255	36	1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5 2 1/2"×8 (and up)	1 1/4"×11.5; 1 1/2"×11.5; 2"×11.5 2 1/2"×8; 3"×8	1 1/2"×11-6"×11

螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸40mm的标准刀杆 Standard Toolholders for Insert Size 40mm



标准螺纹刀杆 WSC - for standard threads

刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)						槽数 No. of Flutes			
mm		L	L1	D	D1	D2	Z		紧固螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver
40	WSC 2522-43403	102	43	25	18	22	3		LS M4×0.7	CS M4×0.7	T08
	WSC 2522-65403	124	65	25	18	22	3				
	WSC 3230-55404	117	55	32	26	30	4				
	WSC 3230-80403	142	80	32	26	30	3				

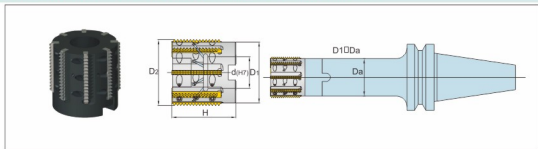
刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

刀杆 Tool holder	最小螺纹直径 Min. Thread ϕ						
	D2 mm	ISO 细牙 ISO Fine	ISO 粗牙 ISO Fine	UNC	UN/UNF/UNEF/UNS	BSF	BSP(G)
WSC 2522-43403	22	M27×3	M24×1; M24×1.5; M25×2; M25×2.5	-	1 11/16"×8UN; 1"×9UN; 1"×10UNS; 1"×12UNF; 1"×14UNS; 1"×16UN; 1"×18UN; 15/16"×20UNEF	1"×11; 1"×12; 1"×14; 1"×16	3/4"×14
WSC 2522-65403	22	M27×3	M24×1; M24×1.5; M25×2; M25×2.5	-	1 11/16"×8UN; 1"×9UN; 1"×10UNS; 1"×12UNF; 1"×14UNS; 1"×16UN; 1"×18UN; 15/16"×20UNEF	1"×11; 1"×12; 1"×14; 1"×16	3/4"×14
WSC 3230-55404	30	-	M32×1; M32×1.5; M33×2; M33×2.5; M34×3	-	1 3/8"×8UN; 1 3/8"×9UN; 1 3/8"×10UN; 1 3/8"×14UNS; 1 5/16"×16UN; 1 5/16"×18UNEF; 1 5/16"×12UN; 1 5/16"×20UN	1 3/8"×11; 1 3/8"×12; 1 3/8"×14; 1 3/8"×16	1"×11
WSC 3230-80403	30	-	M32×1; M32×1.5; M33×2; M33×2.5; M34×3	-	1 3/8"×8UN; 1 3/8"×9UN; 1 3/8"×10UN; 1 3/8"×14UNS; 1 5/16"×16UN; 1 5/16"×18UNEF; 1 5/16"×12UN; 1 5/16"×20UN	1 3/8"×11; 1 3/8"×12; 1 3/8"×14; 1 3/8"×16	1"×11



螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸40mm的螺纹套式铣刀 Shell Mills for Insert Size 40mm



标准和锥度套式铣刀 Standard and Conical shell mills

刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)	槽数 No of Flutes				
mm		D1 D2 d(H) H	Z	紧定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver	内六角螺钉 Holder Screw
标准 Standard	WSC D44-22-406	40 44 22 48	6	LS M4×0.7	CS M4×0.7	T08	M10×1.50×40
	WSC D52-27-408	48 52 27 50	8				M12×1.75×40
锥度 Conical	WCC D45-22-406	40 45 22 48	6				M10×1.50×40

刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

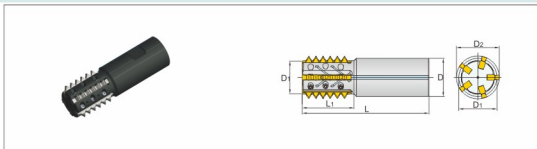
刀 杆 Tool holder		最小螺纹直径 Min.Thread ϕ				
		D2 mm	ISO 细牙 ISO Fine	UN, UNF, UNEF, UNS	BSW	BSP(G)
标准 Standard	WSC D44-22-406	44	M48×1; M48×1.5; M48×2, M48×3	1 7/8"×12UN; 1 13/16"×16UN; 1 13/16"×20UN 1 15/16"×8UN; 1 7/8"×10UN; 1 7/8"×14UN	2"×16 2"×12	1 1/2"×11
	WSC D52-27-408	52	M55×1; M55×1.5; M55×2, M56×3	2 1/4"×8UN; 2 1/4"×10UN; 2 1/4"×12UN; 2 1/4"×14UN; 2 1/4"×16UN; 2 1/4"×18UN; 2 1/4"×20UN	2 1/4"×16 2 1/4"×12	2"×11

刀杆所适用的锥度螺纹 Conical Thread Application by Toolholder

刀 杆 Tool holder		最小螺紋直徑 Min.Thread ϕ			
		D2 mm	NPT	NPTF	BSPT
角度 Conical	WCC D45-22-406	45	2"×11.5; 2 1/2"×8 (and up)	2"×11.5; 2 1/2"×8; 3"×8	2"×11 -6"×11

螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸41mm的标准刀杆 Standard Toolholders for Insert Size 41mm



标准螺纹刀杆 WSC - for standard threads

刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)						槽数 No of Flutes			
mm		L	L1	D	D1	D2	Z		紧定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver
41	WSC 2524-43412	104	43	25	19.2	24.5	2	L5 M4×0.7		CS M4×0.7	T08
	WSC 3230-43413	106.5	43	32	24.2	30	3				
	WSC 3230-65413	128.5	65	32	24.2	30	3				
	WSC 3236-43415	106	43	32	28.3	36	5				
	WSC 3236-65414	128	65	32	28.3	36	4				

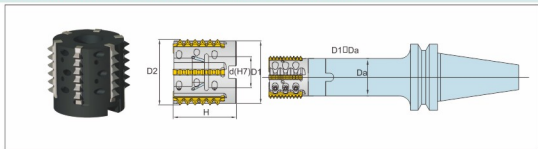
刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

刀杆 Tool holder	最小螺纹直径 Min.Thread ϕ							
	D2 mm	ISO 细牙 ISO Fine	ISO 粗牙 ISO Fine	UNC	UN/UNF/UNEF/UNS	BSW/BSF	NPT	NPTF
WSC 2524-43412	24.5	M30×3.5; M36×4	M28×3; M45×4	1 1/8"×7; 1 3/8"×6	1 3/8"×8UN; 1 7/16"×6UN	1 3/8"×8BSF; 1 1/4"×7BSW	-	-
WSC 3230-43413	30	M36×4; M42×4.5	M34×3; M34×3.5; M45×4	1 3/8"×6	1 3/8"×8UN; 1 7/16"×6UN	1 3/8"×8BSF; 1 3/4"×7BSF; 1 1/2"×6BSW	-	-
WSC 3230-65413	30	M36×4; M42×4.5	M34×3; M34×3.5; M45×4	1 3/8"×6	1 3/8"×8UN; 1 7/16"×6UN	1 3/8"×8BSF; 1 3/4"×7BSF; 1 1/2"×6BSW	-	-
WSC 3236-43415	36	M42×4.5; M48×5; M56×5.5; M64×6	M40×3; M40×3.5; M42×4; M70×6	1 3/4"×5; 2"×4.5; 2 1/2"×4	1 5/8"×8UN; 1 5/8"×6UN	1 5/8"×8BSF; 1 3/4"×7BSF; 1 7/8"×6BSF	2 1/2"×8	2 1/2"×8
WSC 3236-65414	36	M42×4.5; M48×5; M56×5.5; M64×6	M40×3; M40×3.5; M42×4; M70×6	1 3/4"×5; 2"×4.5; 2 1/2"×4	1 5/8"×8UN; 1 5/8"×6UN	1 5/8"×8BSF; 1 3/4"×7BSF; 1 7/8"×6BSF	2 1/2"×8	2 1/2"×8



螺纹铣削刀具 THREADING MILLING TOOLS

适用于刀片尺寸41mm的螺纹套式铣刀 Shell Mills for Insert Size 41mm



标准螺纹套式铣刀 Standard shell mills

刀片尺寸 Insert Size	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes				
mm		D1	D2	d(H7)	H	Z	紧定螺钉×1 Location Screw×1	压紧螺钉×2 Clamping Screw×2	扳手 Torx+Screwdriver	内六角螺钉 Holder Screw
41	WSC D48-22-415	40	48	22	50	5	LS M4×0.7	CS M4×0.7	T08	M10×1.50×40
	WSC D58-27-416	50	58	27	50	6				M12×1.75×40

刀杆所适用的标准螺纹 Standard Thread Application by Toolholder

刀杆 Tool holder	最小螺纹直径 Min. Thread ϕ							
	D2 mm	ISO 细牙 ISO Fine	ISO 粗牙 ISO Fine	UNC	UN/UNF/UNEF/UNS	BSF	NPT	NPTF
WSC D48-22-415	48	M5.6×5.5; M6.4×6	M5.5×4; M7.0×6	2 1/4"×4.5; 2 1/2"×4	2 1/8"×8UN; 2 1/8"×6UN	2 1/4"×8; 2 1/4"×6	2 1/2"×8	2 1/2"×8
WSC D58-27-416	58	M6.8×6	M6.4×4; M7.0×6	2 3/4"×4	2 1/2"×8UN; 2 1/2"×6UN	2 1/2"×8; 2 3/4"×6	2 1/2"×8	2 1/2"×8

螺纹铣削刀具 THREADING MILLING TOOLS

整体硬质合金螺纹铣刀型号说明 Solid Carbide Threading Mills Ordering Code System

HH		12	116	N	2.00	ISO
1	2	3	4	5	6	7
1、产品系列 Product Line		2、牙数 No. of Teeth		3、柄径 Shank Dia.		4、切削刃径 Cutting Dia.
HH — 螺旋槽带内冷却直孔 HeliCool HHR — 螺旋槽带内冷却斜孔 HeliCool R HHC — 螺旋槽带内冷却直孔并带倒角 HeliCool C H — 螺旋槽无冷却孔 HeliCool S — 直槽无冷却孔 Straight Flutes DH — 深孔螺纹铣刀 Deep Threading		只对深孔螺纹铣刀 Only for Deep Threading - Long Tools		03 — 3.0 mm 04 — 4.0 mm 06 — 6.0 mm 08 — 8.0 mm 10 — 10.0 mm 12 — 12.0 mm 14 — 14.0 mm 16 — 16.0 mm 18 — 18.0 mm 20 — 20.0 mm		0.7 — 19.9 mm
5、加工类型 Type of Tool		6、螺距 Pitch		7、螺纹标准 Standard		
E — 外螺纹 External N — 内螺纹 Internal — 内外通用螺纹 External + Internal		全牙型螺距范围 Full Profile Pitch Range mm TPI 0.35 - 6.0 72 - 4.5 通用型螺距范围 Partial Profile Pitch Range mm TPI A 0.5-0.8 32-56 B 0.5-1.0 24-56 C 1.0-1.50 16-24 D 1.0-1.75 14-24 F 0.5-1.25 20-48		ISO — ISO 标准型螺纹 ISO Metric UN — 60° 美制统一标准型螺纹 American UN UNC — 60° 美制统一粗牙螺纹 UN Coarse UNF — 60° 美制统一细牙螺纹 UN Fine UNEF — 60° 美制统一超细牙螺纹 UN Extra Fine UNJ — 60° 美制航空航天螺纹 UNJ BSW — 55° 英国惠氏粗牙螺纹 Whit. Coarse BSF — 55° 英国惠氏细牙螺纹 Whit. Fine BSPT — 55° 英制标准锥管螺纹 BSPT BSP — 55° 英制标准管螺纹 BSP NPT — 60° 美国标准锥管螺纹 NPT NPTF — 60° 美制干密封螺纹 NPTF		

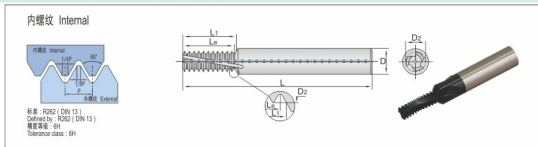
多功能复合螺纹铣刀型号说明 DCTC

DCTC	M6	1.0	2D
1	2	3	4
1、产品系列 Product Line	2、螺纹直径 Thread Diameter		3、螺距 Pitch
DCTC - 多功能复合螺纹铣刀 Multi-function threading mill	M6 - M12		4、螺纹长度 Thread Length
			1 - 1.75mm 2D 2.5D



螺纹铣削刀具 THREADING MILLING TOOLS

ISO 标准型螺纹 ISO Metric Full Profile

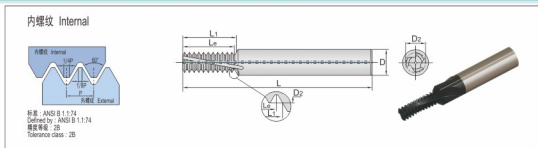


螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

螺纹 Thread		螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)					槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
粗牙 Coarse	细牙 Fine	mm	内螺纹刀 Internal	D	D2	L	Le	L1	Z	Zt	mm
M3×0.5	M3.5-M16×0.5	0.50	HH04024N0.50ISO	4	2.40	45	4.5	4.7	3	9	2.5
M4×0.7		0.70	HH04031N0.70ISO	4	3.15	45	6.3	6.6	3	9	3.3
M5×0.8		0.80	HH04039N0.80ISO	4	3.90	45	7.2	7.6	3	9	4.2
M6×1.0	M8-M40×1.0	1.00	HH06048N1.00ISO	6	4.80	57	9.0	9.5	3	9	5.0
M8×1.25		1.25	HH08065N1.25ISO	8	6.50	61	12.5	13.1	3	10	6.8
M10×1.5	M12-M48×1.5	1.50	HH10082N1.50ISO	10	8.20	73	15.0	15.7	3	10	8.5
M12×1.75		1.75	HH10099N1.75ISO	10	9.90	73	17.5	18.4	4	10	10.2
M14×2.0	M17-M80×2.0	2.00	HH12116N2.00ISO	12	11.60	73	20.0	21.0	4	10	12.0
M16×2.0		2.00	HH14136N2.00ISO	14	13.60	92	24.0	25.0	4	12	14.0

螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹 American UN Full Profile



螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

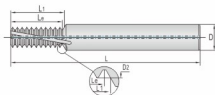
螺纹 Thread			螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)					槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
UNC粗牙 UNC (Coarse)	UNF细牙 UNF (Fine)	UNEF超细牙 UNEF (Extra Fine)	TPI	内螺纹刀 Internal	D	D2	L	Le	L1	Z	Zt	mm
N0.10-24	5/16", 3/8"×24	9/16"-11/16"×24	24	HH04035N24UNC	4	3.58	45	7.4	7.9	3	7	3.8
N0.10-24	5/16", 3/8"×24	9/16"-11/16"×24	24	HH06041N24UNC	6	4.15	57	8.5	9.0	3	8	4.5
1/4"×20	7/16", 1/2"×20	3/4"-1"×20	20	HH06048N20UNC	6	4.88	57	8.9	9.5	3	7	5.2
5/16"×18	9/16", 5/8"×18	1 1/16"-1 1/16"×18	18	HH08061N18UNC	8	6.15	61	11.3	12.0	3	8	6.5
3/8"×16	3/4"×16		16	HH08076N16UNC	8	7.65	61	14.3	15.1	3	9	8.0
7/16"×14	7/8"×14		14	HH10090N14UNC	10	9.00	73	16.3	17.2	3	9	9.3
1/2"×13			13	HH12104N13UNC	12	10.35	73	19.5	20.5	4	10	10.8
9/16"×12	1"-1 1/2"×12		12	HH12118N12UNC	12	11.80	73	21.2	22.2	4	10	12.3



内螺纹 Internal
外螺纹 External



标准: B.S.84:1956, DIN 259, ISO 228/1:1982
Defined by: B.S.84:1956, DIN 259, ISO 228/1:1982
精度等级: Medium class A
Tolerance class: Medium class A



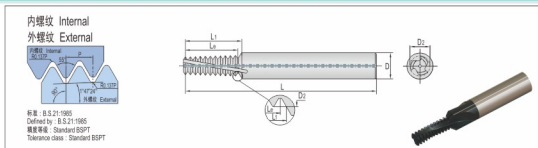
2×D0 (Le≤2×螺纹直径)
2×D0 (Le≤2×Thread Diameter)

螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

螺 纹 Thread		螺 距 Pitch	订 货 号 Order No.	尺 寸 Dimensions (mm)					槽 数 No. of Flutes	齿 数 Teeth	加 工 孔 径 Bore Dia.
BSW粗牙 BSW (Coarse)	BSF细牙 BSF (Fine)	TPI	内外共用刀 Internal+External	D	D ₂	L	L _e	L ₁	Z	Z _t	mm
	1/4"×26	26	HH06050-26BSF	6	5.00	57	12.7	13.2	3	13	5.3
	5/16"×22	22	HH08063-22BSF	8	6.35	61	16.2	16.7	3	14	6.7
1/4"×20	3/8"×20	20	HH06044-20BSW	6	4.45	57	12.7	13.3	3	10	5.0
	3/8"×20	20	HH08076-20BSF	8	7.65	61	19.0	19.7	3	15	8.2
5/16"×18	7/16"×18	18	HH06058-18BSW	6	5.85	57	15.5	16.2	3	11	6.5
	7/16"×18	18	HH10092-18BSF	10	9.20	73	22.6	23.3	3	16	9.7
3/8"×16	1/2, 9/16"×16	16	HH08072-6BSW	8	7.20	61	19.0	19.8	3	12	7.9
	1/2, 9/16"×16	16	HH12105-16BSF	12	10.50	80	25.4	26.2	4	16	11.1
	9/16"×16	16	HH14122-16BSF	14	12.15	92	28.6	29.4	4	18	12.6
	7/16"×14	14	HH10085-14BSW	10	8.50	73	21.8	22.7	3	12	9.2
	5/8, 11/16"×14	14	HH14134-14BSF	14	13.40	92	30.8	31.7	4	17	14.0
	11/16"×14	14	HH16150-14BSF	16	15.00	92	34.5	35.4	4	19	15.6
1/2"×12	3/4"×12	12	HH10096-12BSW	10	9.65	73	25.4	26.5	3	12	10.5
9/16"×12	3/4"×12	12	HH12113-12BSW	12	11.25	80	27.5	28.6	4	13	12.1
	3/4"×12	12	HH18162-12BSF	18	16.20	102	38.1	39.2	4	18	16.8
5/8"×11	7/8"×11	11	HH14126-11BSW	14	12.60	92	32.3	33.5	4	14	13.4
11/16"×11		11	HH16142-11BSW	16	14.20	92	34.6	35.8	4	15	15.0

螺纹铣削刀具 THREADING MILLING TOOLS

BSPT-55° 英国标准锥管螺纹 British Standard Pipe Full Profile



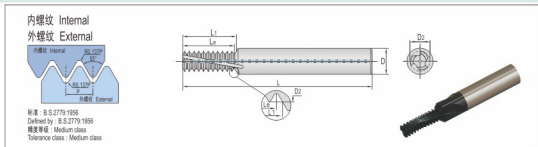
螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)					槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 Internal+External	D	D ₂	L	L _e	L ₁	Z	Z _t	mm
1/16"×28	28	HH06059-28BSPT	6	5.90	57	10.0	10.2	3	11	6.7
1/8"×28	28	HH08076-28BSPT	8	7.65	61	10.0	10.2	3	11	8.7
1/4"×19	19	HH10099-19BSPT	10	9.90	73	14.7	15.4	3	11	11.8
3/8"×19	19	HH12111-19BSPT	12	11.15	73	14.7	15.4	4	11	15.2
1/2", 3/4"×14	14	HH16142-14BSPT	16	14.25	92	21.8	22.7	4	12	19.0
1", 1 1/2", 2", 2 1/2"×11	11	HH20196-11BSPT	20	19.60	102	27.7	28.9	4	12	30.7



螺纹铣削刀具 THREADING MILLING TOOLS

BSP (G) -55° 英国标准管螺纹 British Standard Pipe Full Profile

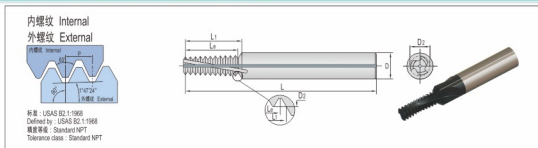


螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)					槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 Internal+External	D	D2	L	Le	L1	Z	Zt	mm
1/16", 1/8"×28	28	HH08064-28BSP	8	6.40	61	11.8	12.2	3	13	6.7
1/8"×28	28	HH10082-28BSP	10	8.20	73	14.5	15.0	3	16	8.7
1/4", 3/8"×19	19	HH12110-19BSP	12	11.00	80	20.0	20.7	4	15	11.8
3/8"×19	19	HH16145-19BSP	16	14.50	92	25.4	26.1	4	19	15.2
1"-4"×11	11	HHQ0199-11BSP	20	19.90	102	41.6	42.7	4	18	30.7

螺纹铣削刀具 THREADING MILLING TOOLS

NPT-60° 美国标准锥管螺纹 National Pipe Threads



螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)					槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 Internal+External	D	D ₂	L	L _e	L ₁	Z	Zt	mm
1/16"×27	27	HH06059-27NPT	6	5.90	57	9.4	9.9	3	10	6.3
1/8"×27	27	HH08076-27NPT	8	7.65	61	9.4	9.9	3	10	8.5
1/4"×18	18	HH10099-18NPT	10	9.90	73	14.1	14.8	3	10	11.1
3/8"×18	18	HH12111-18NPT	12	11.15	73	14.1	14.8	4	10	14.5
1/2"3/4"×14	14	HH16142-14NPT	16	14.25	92	18.1	19	4	10	17.7, 23.0
1", 1 1/4", 1 1/2", 2"×11.5	11.5	HH20196-11.5NPT	20	19.60	102	22.1	23.2	4	10	29.0, 37.2, 44.0, 56.0
2 1/2", 3"×8	8	HH20196-8NPT	20	19.60	102	31.7	33.3	4	10	66.5, 82.1



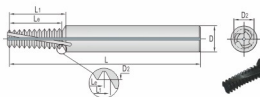
螺纹铣削刀具 THREADING MILLING TOOLS

NPTF美制干密封锥管螺纹 NPTF

内螺纹 Internal
外螺纹 External



标准: ANSI B1.20.3-1976
Defined by: ANSI B1.20.3-1976
精度等级: 标准 NPTF
Tolerance class: Standard NPTF

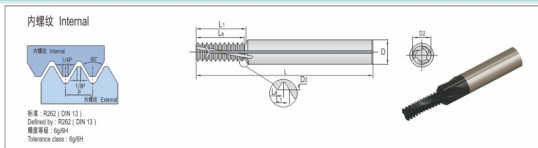


螺旋槽带内冷直孔螺纹铣刀 Helical Flutes with Thru-Hole Coolant

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)						槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 Internal+External	D	D2	L	Le	L1		Z	Zt	mm
1/16"×27	27	HH06059-27NPTF	6	5.90	57	9.4	9.9		3	10	6.3
1/8"×27	27	HH08076-27NPTF	8	7.65	61	9.4	9.9		3	10	8.4
1/4"×18	18	HH10099-18NPTF	10	9.90	73	14.1	14.8		3	10	11.1
3/8"×18	18	HH12111-18NPTF	12	11.15	73	14.1	14.8		4	10	14.7
1/2", 3/4"×14	14	HH16142-14NPTF	16	14.25	92	18.1	19.0		4	10	17.9, 23.4
1", 1 1/4", 1 1/2", 2"×11.5	11.5	HH20196-11.5NPTF	20	19.60	102	22.1	23.2		4	10	29.0, 37.2, 43.7, 55.6
2 1/2", 3"×8	8	HH20196-8NPTF	20	19.60	102	31.7	33.3		4	10	66.3, 82.1

螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹铣刀 ISO METRIC Full Profile



螺旋槽带内冷斜孔螺纹铣刀 Helicool-R Helical Flutes with Radial Cooling

2×D0 (Les2×螺纹直径)
2×D0 (Les2×Thread Diameter)

螺 纹 Thread		螺 距 Pitch	订 货 号 Order No.	尺 寸 Dimensions (mm)					槽 数 No.of Flutes	齿 数 Teeth	加 工 孔 径 Bore Dia.
粗 牙 Coarse	细 牙 Fine	mm	内 螺 纹 刀 Internal	D	D ₂	L	L _e	L ₁	Z	Z _t	mm
M6×1.0	M8-M40×1.0	1.00	HHR0604BN1.00ISO	6	4.8	57	12.0	12.5	3	12	5.0
	M10×1.0	1.00	HHR10087N1.00ISO	10	8.7	73	20.0	20.5	3	20	9.0
	M12×1.0	1.00	HHR12107N1.00ISO	12	10.7	73	24.0	24.5	4	24	11.0
M8×1.25		1.25	HHR08065N1.25ISO	8	6.5	64	16.3	16.9	3	13	6.8
M10×1.5	M12-M48×1.5	1.50	HHR10082N1.50ISO	10	8.2	73	19.5	20.3	3	13	8.5
	M12×1.5	1.50	HHR10099N1.50ISO	10	9.9	73	24.0	24.8	4	16	10.5
	M14×1.5	1.50	HHR12119N1.50ISO	12	11.9	84	28.5	29.3	4	19	12.5
	M16×1.5	1.50	HHR14139N1.50ISO	14	13.9	84	31.5	32.3	4	21	14.5
M12×1.75		1.75	HHR10099N1.75ISO	10	9.9	73	24.5	25.4	4	14	10.2



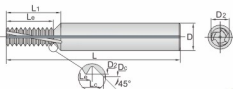
螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹 ISO METRIC Full Profile

内螺纹 Internal



标准: R262 (DIN 13)
Defined by: R262 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



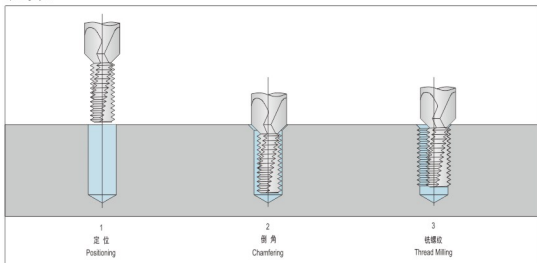
螺旋槽带内冷直孔带带倒角功能螺纹铣刀 HelicoolC(HHC) Flutes with Axial Coolant-Thru & Chamfer

2×D0 (Le≤2×螺纹直径)

2×D0 (Le≤2×Thread Diameter)

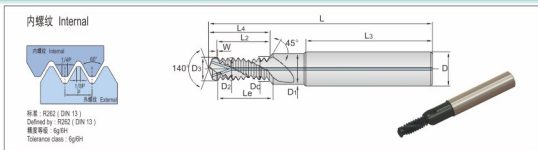
螺纹 Thread		螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)								槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
粗牙 Coarse	细牙 Fine	mm	内螺纹刀 Internal	D	D2	Dc	L	Le	L1	Lc		Z	Zt	mm
M6×1.0	M8-M40×1.0	1.00	HHC08048N1.00ISO	8	4.8	6.3	61	120	12.5	13.3		3	12	5.0
	M10×1.0	1.00	HHC12087N1.00ISO	12	8.7	10.3	73	200	20.5	21.3		3	20	9.0
	M12×1.0	1.00	HHC14107N1.00ISO	14	10.7	12.3	80	240	24.5	25.3		4	24	11.0
M8×1.25		1.25	HHC10065N1.25ISO	10	6.5	8.3	73	163	16.9	17.8		3	13	6.8
M10×1.5	M12-M48×1.5	1.50	HHC12082N1.50ISO	12	8.2	10.3	80	195	20.3	21.3		3	13	8.5
	M12×1.5	1.50	HHC14099N1.50ISO	14	9.9	12.3	80	240	24.8	26.0		4	16	10.5
	M14×1.5	1.50	HHC16199N1.50ISO	16	11.9	14.3	92	285	29.3	30.5		4	19	12.5
	M16×1.5	1.50	HHC18139N1.50ISO	18	13.9	16.3	92	315	32.3	33.5		4	21	14.5
M12×1.75		1.75	HHC14099N1.75ISO	14	9.9	12.3	80	245	25.4	26.6		4	14	10.2

HHC-加工示意图
Operating Cycle



螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹 ISO METRIC Full Profile

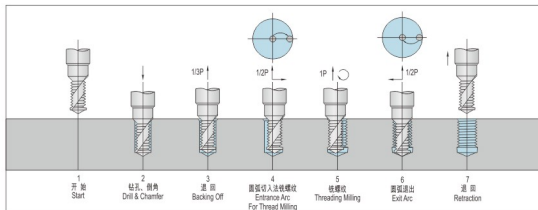


DCTC多功能复合螺纹铣刀 DCTC Multi-functional Threading Mill
带内冷却孔的钻头、倒角螺纹铣刀 Drill, Chamfer & Thread With Coolant-Thru

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)											槽数 No. of Flutes	齿数 Teeth
ISO 2×D0粗牙 ISO 2×D0 Coarse	mm	内螺纹刀 Internal	L	L ₁	L ₂	L ₃	W	L _e	D ₃	D	D ₁	D _c	D ₂	Z	Z _t
M6×1.0	1.00	DCTC M6×1.0×2D	62.0	14.5	13.7	36	1.0	12.7	5.0	8	6.6	6.3	4.85	2	11
M8×1.25	1.25	DCTC M8×1.25×2D	74.0	18.2	17.1	40	1.3	15.8	6.8	10	9.0	8.3	6.45	2	11
M10×1.5	1.50	DCTC M10×1.5×2D	79.0	23.4	22.1	45	1.5	20.6	8.5	12	11.0	10.3	8.08	2	12
M12×1.75	1.75	DCTC M12×1.75×2D	89.0	27.1	25.5	45	1.5	24.0	10.3	14	13.5	12.3	9.74	2	12

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)											槽数 No. of Flutes	齿数 Teeth
ISO 2.5×D0粗牙 ISO 2.5×D0 Coarse	mm	内螺纹刀 Internal	L	L ₁	L ₂	L ₃	W	L _e	D ₃	D	D ₁	D _c	D ₂	Z	Z _t
M6×1.0	1.00	DCTC M6×1.0×2.5D	62.0	16.5	15.7	36	1.0	14.7	5.0	8	6.6	6.3	4.85	2	13
M8×1.25	1.25	DCTC M8×1.25×2.5D	74.0	23.2	22.1	40	1.3	20.8	6.8	10	9.0	8.3	6.45	2	15
M10×1.5	1.50	DCTC M10×1.5×2.5D	79.0	27.9	26.6	45	1.5	25.1	8.5	12	11.0	10.3	8.08	2	15

DCTC多功能螺纹铣刀-加工示意图
DCTC Operating Cycle





螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹 ISO METRIC Full Profile

内螺纹 Internal



标准: R262 (DIN 13)
Defined by: R262 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



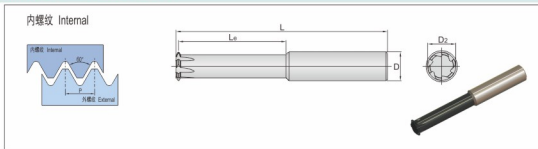
深孔螺纹铣刀 Deep Threading-Long Tools for Deep Holes

3×D0 (Le≤3×螺纹直径)
3×D0 (Le≤3×Thread Diameter)

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
粗牙 Coarse	mm	内螺纹刀 Internal	D	D2	L	Le	Z	Zi	mm
M6×1	1.00	DH1T08041N1.050	8	4.1	63	19	3	1	5.0
M8×1.25	1.25	DH1T10058N1.250	10	5.8	73	26	3	1	6.8
M10×1.5	1.50	DH1T10077N1.500	10	7.7	73	32	3	1	8.5
M12×1.5	1.50	DH1T10094N1.500	10	9.4	83	38	4	1	10.5
M12×1.75	1.75	DH1T10087N1.750	10	8.7	83	38	4	1	10.2
M14×2.0	2.00	DH1T12102N2.000	12	10.2	92	44	4	1	12.0
M16×2.0	2.00	DH1T14122N2.000	14	12.2	100	50	4	1	14.0
M18×2.5	2.50	DH1T14129N2.500	14	12.9	108	57	5	1	15.5
M20×2.5	2.50	DH1T16148N2.500	16	14.8	114	63	5	1	17.5

螺纹铣削刀具 THREADING MILLING TOOLS

范围牙型60° Partial Profile 60°



深孔螺纹铣刀 Deep Threading - Long Tools for Deep Holes

3×D0 (Le≤3×螺纹直径)
3×D0 (Le≤3×Thread Diameter)

螺纹 Thread		螺距 Pitch		订货号 Order No.	尺寸 Dimensions (mm)						
M粗牙 M Coarse	M细牙 M Fine	UN,UN3,UNF,UNEF	mm	TPI	内螺纹刀 Internal	D	D2	L	Le	Z	Z1
M5×0.8	M5×0.5 M5×0.75	NQ.10-56UNS, NQ.10-48UNS, NQ.10-40UNS, NQ.10-36UNS, NQ.10-32UNF	0.5-0.8	32-56	DH1T04390NA60	4	3.90	45	16	4	1
M6×1.0	M6×0.5 M6×0.75	NQ.12-56UNS, NQ.12-48UNS, 1/4-40UNS, 1/4-36UNS, 1/4-32UNEF, 1/4-28UNF 1/4-27UNS, 1/4-24UNS	0.5-1.0	24-56	DH1T06485NB60	6	4.85	51	20	5	1
M8×1.25	M7×0.5 M7×0.75 M7.5×1.0	5/16-48UNS, 5/16-40UNS, 5/16-36UNS, 5/16-32UNEF, 5/16-28UN, 5/16-27UNS, 5/16-24UNS, 5/16-20UN	0.5-1.25	20-48	DH1T06590NF60	6	5.90	64	25	5	1
-	M10.5×0.5 M11×0.75 M11×1.0	7/16-32UN, 7/16-28UNEF, 7/16-27UNS, 7/16-24UNS	0.5-1.0	24-56	DH1T10990NB60	10	9.90	73	35	6	1
M10×1.5	M10×1.0 M10×1.25	3/8-24UNF, 3/8-20UN, 7/16-18UNS, 7/16-16UN	1.0-1.50	16-24	DH1T08790NC60	8	7.90	63	32	6	1
M12×1.75	M12×1.0 M12×1.25 M12×1.5	1/2-24UNS, 1/2-20UNS, 1/2-18UNS, 1/2-16UNS, 1/2-14UNS	1.0-1.75	14-24	DH1T10990ND60	10	9.90	73	38	6	1
-	M13.5×1.0 M14×1.25 M14×1.5	9/16-24UNEF	1.0-1.75	14-24	DH1T12119ND60	12	11.90	83	45	6	1



螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹铣刀 ISO METRIC Full Profile

外螺纹 External



标准: R262 (DIN 13)
Defined by: R262 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



螺旋槽无冷却孔外螺纹铣刀 Helical Flutes Without Coolant Thru - External

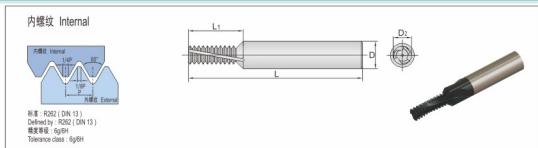
2×D0 (Le≤2×螺纹直径)

2×D0 (Le≤2×Thread Diameter)

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth
粗牙 Coarse	mm	外螺纹刀 External	D	D2	L	Le	Z	Zt
M3×0.5	0.5	H04039E0.5ISO	4	3.9	45	6	3	12
M4.5×0.75	0.75	H04039E0.75ISO	4	3.9	45	9	3	12
M6×1.0	1.0	H04039E1.0ISO	4	3.9	45	12	3	12
M8×1.25	1.25	H06059E1.25ISO	6	5.9	57	16.25	3	13
M10×1.5	1.5	H08079E1.5ISO	8	7.9	63	21	3	14
M14×2.0	2.0	H10099E2.0ISO	10	9.9	73	28	4	14

螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹铣刀 ISO METRIC Full Profile



螺旋槽无冷却孔内螺纹铣刀 Helical Flutes Without Coolant Thru - Internal

2×D0 (Les2×螺纹直径)
2×D0 (Les2×Thread Diameter)

螺纹 Thread		螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
粗牙 Coarse	细牙 Fine	mm	内螺纹 No. Internal	D	D ₂	L	L _e	Z	Z _t	mm
M3×0.5	M3.5-M16×0.5	0.5	H04022M0.5ISO	4	2.2	45	6	3	12	2.5
	M4×0.5	0.5	H04030M0.5ISO	4	3	45	8	3	16	3.5
	M5×0.5	0.5	H04039M0.5ISO	4	3.9	45	10	3	20	4.5
M4×0.7		0.7	H04028M0.7ISO	4	2.8	45	8.4	3	12	3.3
	M6×0.75	0.75	H04039M0.75ISO	4	3.9	45	12	3	16	5.3
		0.8	H04035M0.8ISO	4	3.5	45	10.4	3	13	4.2
M6×1.0	M8-M40×1.0	1.0	H04039N1.0ISO	4	3.9	45	12	3	12	5
	M8×1.0	1.0	H06059N1.0ISO	6	5.9	57	16	3	16	7
	M10×1.0	1.0	H08079N1.0ISO	8	7.9	63	20	3	20	9
	M12×1.0	1.0	H10099N1.0ISO	10	9.9	73	24	4	24	11
M8×1.25		1.25	H06058N1.25ISO	6	5.8	57	16.25	3	13	6.8
	M10×1.25	1.25	H08077N1.25ISO	8	7.7	63	20	3	16	8.8
M10×1.5	M12-M48×1.5	1.5	H08077N1.5ISO	8	7.7	63	21	3	14	8.5
	M12×1.5	1.5	H10094N1.5ISO	10	9.4	73	24	4	16	10.5
	M14×1.5	1.5	H12112N1.5ISO	12	11.2	83	28.5	4	19	12.5
	M16×1.5	1.5	H12119N1.5ISO	12	11.9	83	33	4	22	14.5
M12×1.75		1.75	H10087N1.75ISO	10	8.7	73	24.5	4	14	10.2
M14×2.0	M17-M80×2.0	2.0	H10094N2.0ISO	10	9.9	73	28	4	14	12
M16×2.0		2.0	H12119N2.0ISO	12	11.9	83	32	4	16	14
M18-M22×2.5		2.5	H16139N2.5ISO	16	13.9	92	40	5	16	15.5
M24×3.0		3.0	H16159N3.0ISO	16	15.9	92	42	4	14	21



螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹 American UN Full Profile

外螺纹 External



标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



螺旋槽无冷却孔外螺纹铣刀 Helical Flutes Without Coolant Thru - External

2×D0 (Les2×螺纹直径)

2×D0 (Les2×Thread Diameter)

螺纹 Thread		螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth
UNC	UNF	TPI	外螺纹刀 External	D	D2	L	Le	Z	Zt
No.8-32		32	H04039E32UNC	4	3.9	45	8.7	3	11
	No.12-28	28	H04039E28UNF	4	3.9	45	11.8	3	13
No.12-24		24	H04039E24UNC	4	3.9	45	11.6	3	11
1/4"×20		20	H04039E20UNC	4	3.9	45	12.7	3	10
5/16"×18		18	H06059E18UNC	6	5.9	57	16.9	3	12
3/8"×16		16	H08079E16UNC	8	7.9	63	19.1	3	12
9/16"×12		12	H12119E12UNC	12	11.9	83	29.6	4	14

螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹 American UN Full Profile

内螺纹 Internal



标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



螺旋槽无冷却孔内螺纹铣刀 Helical Flutes Without Coolant Thru - Internal

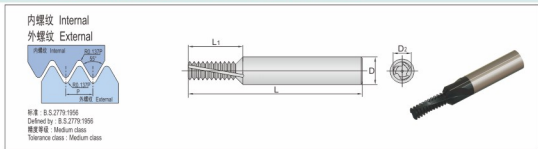
2×D0 (Les2×螺纹直径)
2×D0 (Les2×Thread Diameter)

螺纹 Thread		螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.	
UNC	UNF	UNEF	TPI	内螺纹刀 Internal	D	D2	L	Le	Z	Zt	mm
	No.8-32		36	H04030N36UNF	4	3	45	8.5	3	12	3.5
	No.10-32	No.12-3/8"×32	32	H04033N32UNF	4	3.3	45	11.1	3	14	4
	No.12-28, 1/4"×28	7/16", 1/2"×28	28	H04038N28UNF	4	3.8	45	11.8	3	13	4.6
	1/4"×28	7/16", 1/2"×28	28	H06046N28UNF	6	4.6	57	12.7	3	14	5.5
		7/16", 1/2"×28	28	H10092N28UNF	10	9.2	73	22.7	4	25	10.2
No.10-24	5/16", 3/8"×24	9/16"-11/16"×24	24	H04029N24UNC	4	2.9	45	10.6	3	10	3.8
No.12-24	5/16", 3/8"×24	9/16"-11/16"×24	24	H04035N24UNC	4	3.5	45	11.6	3	11	4.5
	5/16", 3/8"×24	9/16"-11/16"×24	24	H06057N24UNF	6	5.7	57	15.9	3	15	6.8
	3/8"×24	9/16"-11/16"×24	24	H08074N24UNF	8	7.4	63	19.1	3	18	8.5
		9/16"-11/16"×24	24	H12119N24UNF	12	11.9	83	28.6	4	27	13.2
1/4"×20	7/16", 1/2"×20	3/4"-1"×20	20	H04039N20UNC	4	3.9	45	12.7	3	10	5.2
	7/16", 1/2"×20	3/4"-1"×20	20	H10085N20UNF	10	8.5	73	22.9	4	18	9.8
	1/2"×20	3/4"-1"×20	20	H10099N20UNF	10	9.9	73	25.4	4	20	11.5
		3/4"-1"×20	20	H16159N20UNF	16	15.9	92	38.1	5	30	17.8
5/16"×18	9/16", 5/8"×18	11/16"-1 11/16"×18	18	H06052N18UNC	6	5.2	57	16.9	3	12	6.5
	9/16", 5/8"×18	11/16"-1 11/16"×18	18	H12113N18UNF	12	11.3	83	29.6	4	21	12.8
	5/8"×18	11/16"-1 11/16"×18	18	H12119N18UNF	12	11.9	83	32.5	4	23	14.5
3/8"×16	3/4"×16		16	H08067N16UNC	8	6.7	63	19.1	3	12	8
	3/4"×16		16	H16159N16UNF	16	15.9	92	38.1	4	24	17.5
7/16"×14	7/8"×14		14	H08076N14UNC	8	7.6	63	23.6	4	13	9.3
	7/8"×14		14	H20187N14UNF	20	18.7	104	44.4	4	24	20.5
1/2"×13			13	H10089N13UNC	10	8.9	73	25.4	4	13	10.8
9/16"×12	1"-1 1/2"×12		12	H12103N12UNC	12	10.3	83	29.6	4	14	12.3
	1"-1 1/2"×12		12	H20199N12UNF	20	19.9	104	50.8	5	24	23.5
5/8"×11			11	H12110N11UNC	12	11	83	32.3	4	14	13.5
3/4"×10			10	H16135N10UNC	16	13.5	92	38.1	5	15	16.5
7/8"×9			9	H16152N9UNC	16	15.2	92	45.2	4	16	19.5
1"×8			8	H20170N8UNC	20	17	104	50.8	4	16	22



螺纹铣削刀具 THREADING MILLING TOOLS

BSP (G) -55° 英制标准管螺纹 British Standard Pipe Full Profile



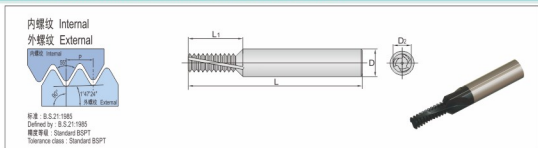
螺旋槽无冷却孔内、外螺纹铣刀 Helical Flutes Without Coolant Thru - External and Internal

2×D0 (Ls2×螺纹直径)
2×D0 (Ls2×Thread Diameter)

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 External-Internal	D	D2	L	Le	Z	Zt	mm
1/16"×28, 1/8"×28	28	H06058-288SP	6	5.8	57	16.3	3	18	6.7
1/8"×28	28	H08077-288SP	8	7.7	63	20	3	22	8.7
1/4"×19, 3/8"×19	19	H10099-198SP	10	9.9	73	26.7	4	20	11.8
3/8"×19	19	H16134-198SP	16	13.4	92	33.4	4	25	15.2
1/2", 3/4"×14	14	H16157-148SP	16	15.7	92	43.5	5	24	19
1", 1 1/2", 2", 2 1/2"×11	11	H20199-118SP	20	19.9	104	41.6	5	18	30.7

螺纹铣削刀具 THREADING MILLING TOOLS

BSPT-55° 英国标准锥管螺纹 British Standard Pipe Full Profile



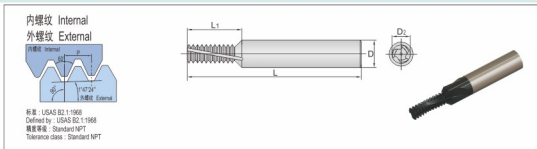
螺旋槽无冷却孔内、外螺纹铣刀 Helical Flutes Without Coolant Thru - External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 External-Internal	D	D2	L	Le	Z	Zt	mm
1/16"×28	28	H06058-28BSPT	6	5.8	57	16.3	3	18	6.7
1/8"×28	28	H08077-28BSPT	8	7.7	63	20	3	22	8.7
1/4"×19	19	H10099-19BSPT	10	9.9	73	26.7	4	20	11.8
3/8"×19	19	H16134-19BSPT	16	13.4	92	33.4	4	25	13.2
1/2", 3/4"×14	14	H16157-14BSPT	16	15.7	92	43.5	5	24	19
1", 1 1/2", 2", 2 1/2"×11	11	H20199-11BSPT	20	19.9	104	41.6	5	18	30.7



螺纹铣削刀具 THREADING MILLING TOOLS

NPT-60° 美国标准锥管螺纹 National Pipe Threads

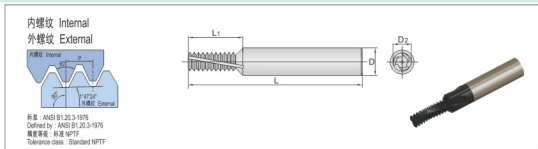


螺旋槽无冷却孔内、外螺纹铣刀 Helical Flutes Without Coolant Thru - External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 External+Internal	D	D2	L	Le	Z	Zt	mm
1/16"×27	27	H06053-27NPT	6	5.3	57	9.4	3	10	6.3
1/8"×27	27	H08075-27NPT	8	7.5	63	9.4	4	10	8.5
1/4"×18	18	H10094-18NPT	10	9.4	73	14.1	4	10	11.1
3/8"×18	18	H12119-18NPT	12	11.9	83	14.1	4	10	14.5
1/2", 3/4"×14	14	H16155-14NPT	16	15.5	92	25.4	5	14	17.7, 23.0
1"-2"×11.5	11.5	H20199-11.5NPT	20	19.9	104	33.1	5	15	29.0-56.0
2 1/2", 3"×8	8	H20199-8NPT	20	19.9	104	38.1	4	12	66.5

螺纹铣削刀具 THREADING MILLING TOOLS

NPTF美制干密封锥管螺纹 NPTF



螺旋槽无冷却孔内、外螺纹铣刀 Helical Flutes Without Coolant Thru - External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	加工孔径 Bore Dia.
	TPI	内外共用刀 External+Internal	D	D2	L	L _e	Z	Zt	mm
1/16"×27	27	H06053-27NPTF	6	5.3	57	9.4	3	10	6.3
1/8"×27	27	H08075-27NPTF	8	7.5	63	9.4	4	10	8.5
1/4"×18	18	H10094-18NPTF	10	9.4	73	14.1	4	10	11.1
3/8"×18	18	H12119-18NPTF	12	11.9	83	14.1	4	10	14.7
1/2", 3/4"×14	14	H16155-14NPTF	16	15.5	92	25.4	5	14	17.9, 23.4
1"-2"×11.5	11.5	H20199-11.5NPTF	20	19.9	104	33.1	5	15	29.4-56.2
2 1/2", 3"×8	8	H20199-8NPTF	20	19.9	104	38.1	4	12	67.0



螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹 ISO Metric Full Profile

外螺纹 External



标准: R262 (DIN 13)
Defined by: R262 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



标准直槽外刀 Standard Straight Flutes - External

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	mm	外螺纹刀 External	D	D2	L	Le	Z	Zt	mm
M3	0.50	S06059E0.5 ISO	6.0	5.9	57	15.0	3	30	0.31
M4.5	0.75	S08079E0.75 ISO	8.0	7.9	63	19.5	3.5*	26	0.46
M6	1.00	S10099E1.0 ISO	10.0	9.9	72	24.0	5	24	0.61
M10	1.50	S12119E1.5 ISO	12.0	11.9	83	30.0	5	20	0.92
M14	2.00	S12119E2.0 ISO	12.0	11.9	83	30.0	5	15	1.23
M24	3.00	S16159E3.0 ISO	16.0	15.9	92	36.0	5	12	1.84
M36	4.00	S16159E4.0 ISO	16.0	15.9	92	40.0	5	10	2.45
M64	6.00	S20199E6.0 ISO	20.0	19.9	104	36.0	5	6	3.68

* 表示可以订购3或者5个槽, 订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.

螺纹铣削刀具 THREADING MILLING TOOLS

ISO标准型螺纹 ISO Metric Full Profile

内螺纹 Internal



标准: R202 (DIN 13)
Defined by: R202 (DIN 13)
精度等级: 6g/6H
Tolerance class: 6g/6H



标准直槽内刀 Standard Straight Flutes - Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	mm	内螺纹刀 Internal	D	D2	L	Le	Z	Zt	mm
M4.5	0.75	S04030N0.75 ISO	4.0	3.0	42	6.7	3	9	0.43
M8	0.75	S06059N0.75 ISO	6.0	5.9	57	15.0	3	20	0.43
M5	0.80	S04036N0.8 ISO	4.0	3.6	42	8.0	3	10	0.46
M6	1.00	S06040N1.0 ISO	6.0	4.0	57	9.0	3	9	0.58
M12	1.00	S08079N1.0 ISO	8.0	7.9	63	20.0	3.5*	20	0.58
M8	1.25	S06050N1.25 ISO	6.0	5.0	57	12.5	3	10	0.72
M10	1.50	S06059N1.5 ISO	6.0	5.9	57	15.0	3	10	0.87
M14	1.50	S10099N1.5 ISO	10.0	9.9	72	24.0	5	16	0.87
M18	1.50	S12119N1.5 ISO	12.0	11.9	83	30.0	5	20	0.87
M12	1.75	S08079N1.75 ISO	8.0	7.9	63	19.2	3.5*	11	1.01
M16	2.00	S10099N2.0 ISO	10.0	9.9	72	24.0	5	12	1.15
M18	2.00	S12119N2.0 ISO	12.0	11.9	83	30.0	5	15	1.15
M20	2.50	S12119N2.5 ISO	12.0	11.9	83	30.0	5	12	1.44
M24	3.00	S16159N3.0 ISO	16.0	15.9	92	36.0	5	12	1.73
M30	3.50	S16159N3.5 ISO	16.0	15.9	92	38.5	5	11	2.02
M36	4.00	S16159N4.0 ISO	16.0	15.9	92	40.0	5	10	2.31
M48	5.00	S20199N5.0 ISO	20.0	19.9	104	40.0	5	8	2.89
M64	6.00	S20199N6.0 ISO	20.0	19.9	104	36.0	5	6	3.46

* 表示可以订购3或者5个槽，订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.



螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹铣刀 American UN Full Profile

外螺纹 External



标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



标准直槽外刀 Standard Straight Flutes - External

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TP1	外螺纹刀 External	D	D2	L	Le	Z	Zt	mm
NO.6	32	S06059E32 UN	6	5.9	57	14.3	3	18	0.49
NO.12	28	S08079E28 UN	8	7.9	63	19.9	3.5*	22	0.56
1/4"	20	S10099E20 UN	10	9.9	72	22.9	5	18	0.78
5/16"	18	S10099E18 UN	10	9.9	72	24.0	5	17	0.87
3/8"	16	S12119E16 UN	12	11.9	83	28.6	5	18	0.97
9/16"	12	S12119E12 UN	12	11.9	83	29.6	5	14	1.30
1"	8	S16159E8 UN	16	15.9	92	38.1	5	12	1.95
1 3/8"	6	S20199E6 UN	20	19.9	104	38.1	5	9	2.60

* 表示可以订购3或者5个槽，订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.

螺纹铣削刀具 THREADING MILLING TOOLS

UN-60° 美制统一标准螺纹铣刀 American UN Full Profile

内螺纹 Internal



标准: ANSI B 1.174
Defined by: ANSI B 1.174
精度等级: 2A/2B
Tolerance class: 2A/2B



标准直槽内刀 Standard Straight Flutes - Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TPI	内螺纹刀 Internal	D	D2	L	Le	Z	Zt	mm
NO.8	36	S04030N36 UN	4.0	3.0	42	6.3	3	9	0.41
NO.8	32	S04030N32 UN	4.0	3.0	42	6.3	3	8	0.46
5/16"	32	S06059N32 UN	6.0	5.9	57	14.3	3	18	0.46
NO.12	28	S04036N28 UN	4.0	3.6	42	8.2	3	9	0.52
7/16"	28	S08079N28 UN	8.0	7.9	63	19.9	3.5*	22	0.52
NO.12	24	S06040N24 UN	6.0	4.0	57	8.5	3	8	0.61
1/4"	20	S06040N20 UN	6.0	4.0	57	10.2	3	8	0.73
9/16"	20	S10099N20 UN	10.0	9.9	72	22.9	5	18	0.73
5/16"	18	S06050N18 UN	6.0	5.0	57	12.7	3	9	0.81
9/16"	18	S10099N18 UN	10.0	9.9	72	24	5	17	0.81
3/8"	16	S06059N16 UN	6.0	5.9	57	14.3	3	9	0.92
3/4"	16	S12119N16 UN	12.0	11.9	83	28.6	5	18	0.92
7/16"	14	S08079N14 UN	8.0	7.9	63	18.1	3.5*	10	1.05
1/2"	13	S08079N13 UN	8.0	7.9	63	19.5	3.5*	10	1.13
9/16"	12	S10099N12 UN	10.0	9.9	72	23.3	5	11	1.22
1"	12	S12119N12 UN	12.0	11.9	83	29.6	5	14	1.22
5/8"	11	S10099N11 UN	10.0	9.9	72	23.1	5	10	1.33
3/4"	10	S12119N10 UN	12.0	11.9	83	27.9	5	11	1.47
7/8"	9	S16159N9 UN	16.0	15.9	92	33.3	5	12	1.63
1"	8	S16159N8 UN	16.0	15.9	92	38.1	5	12	1.83
1 1/8"	7	S16159N7 UN	16.0	15.9	92	36.3	5	10	2.09
1 3/8"	6	S20199N6 UN	20.0	19.9	104	38.1	5	9	2.44
1 3/4"	5	S20199N5 UN	20.0	19.9	104	40.6	5	8	2.93
2"	4.5	S20199N4.5 UN	20.0	19.9	104	39.5	5	7	3.26

* 表示可以订购3或者5个槽，订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.



螺纹铣削刀具 THREADING MILLING TOOLS

W-55° 英国惠氏螺纹铣刀 55° Whitworth Full Profile

内螺纹 Internal
外螺纹 External



标准: B.S.84:1956, DIN 259, ISO 228/1:1982
Defined by: B.S.84:1956, DIN 259, ISO 228/1:1982
精度等级: Medium class A
Tolerance class: Medium class A



标准直槽内外刀 Standard Straight Flutes-External and Internal

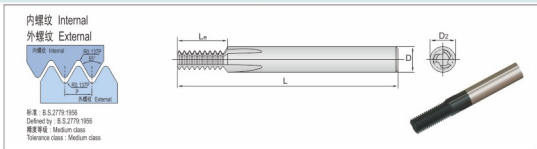
螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TP1	内外共用刀 External-Internal	D	D2	L	Le	Z	Zt	mm
1/4"	20	S06040-20 BSW	6.0	4.0	57	10.16	3	8	0.81
5/16"	18	S06050-18 BSW	6.0	5.0	57	11.29	3	8	0.90
3/8"	16	S06059-16 BSW	6.0	5.9	57	14.29	3	9	1.02
7/16"	14	S08079-14 BSW	8.0	7.9	63	18.14	3.5*	10	1.16
1/2"	12	S08079-12 BSW	8.0	7.9	63	19.05	3.5*	9	1.36
5/8"	11	S10099-11 BSW	10.0	9.9	72	23.09	5	10	1.48
3/4"	10	S12119-10 BSW	12.0	11.9	83	27.94	5	11	1.63
7/8"	9	S12119-9 BSW	12.0	11.9	83	28.22	5	10	1.81
1"	8	S16159-8 BSW	16.0	15.9	92	38.10	5	12	2.03
1 1/8"	7	S16159-7 BSW	16.0	15.9	92	36.29	5	10	2.32
1 3/8"	6	S16159-6 BSW	16.0	15.9	92	38.10	5	9	2.71
1 5/8"	5	S20199-5 BSW	20.0	19.9	104	40.64	5	8	3.25
1 7/8"	4.5	S20199-4.5 BSW	20.0	19.9	104	39.51	5	7	3.61

* 表示可以订购3或者5个槽, 订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.

螺纹铣削刀具 THREADING MILLING TOOLS

BSP-55° 英国标准管螺纹铣刀 British Standard Pipe Full Profile



标准直槽内外刀 Standard Straight Flutes-External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TPI	内外共用刀 External+Internal	D	D2	L	Le	Z	Zt	mm
1/16"	28	S06059-28 BSP	6.0	5.9	57	14.51	3	16	0.58
1/4"	19	S08079-19 BSP	8.0	7.9	63	18.72	3.5*	14	0.86
1/2"	14	S12119-14 BSP	12.0	11.9	83	29.03	5	16	1.16
1"	11	S16159-11 BSP	16.0	15.9	92	34.64	5	15	1.48

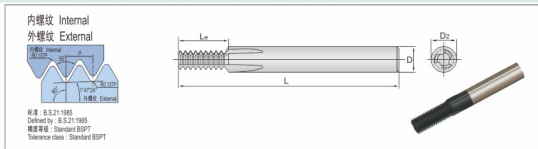
* 表示可以订购3或者5个槽，订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.



螺纹铣削刀具 THREADING MILLING TOOLS

BSPT-55° 英国标准锥管螺纹铣刀 British Standard Pipe Full Profile



标准直槽内外刀 Standard Straight Flutes-External and Internal

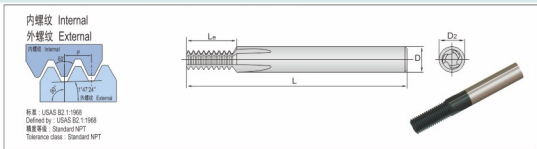
螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TPI	内外共用刀 External+Internal	D	D2	L	Le	Z	Zt	mm
1/16"	28	S06059-28 BSPT	6.0	5.9	57	9.98	3	11	0.58
1/4"	19	S08079-19 BSPT	8.0	7.9	63	14.71	3.5*	11	0.86
1/2"	14	S12119-14 BSPT	12.0	11.9	83	19.96	5	11	1.16
1"	11	S16159-11 BSPT	16.0	15.9	92	39.25	5	17	1.48

* 表示可以订购3或者5个槽，订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.

螺纹铣削刀具 THREADING MILLING TOOLS

NPT-60° 美国标准锥管螺纹铣刀 National Pipe Threads



标准直槽内外刀 Standard Straight Flutes-External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TPI	内外共用刀 External-Internal	D	Dz	L	Le	Z	Zt	mm
1/16"	27	S06059-27 NPT	6.0	5.9	57	9.41	3	10	0.66
1/4"	18	S08079-18 NPT	8.0	7.9	63	14.11	3.5*	10	1.01
1/2"	14	S12119-14 NPT	12.0	11.9	83	19.96	5	11	1.33
1"	11.5	S16159-11.5 NPT	16.0	15.9	92	26.51	5	12	1.64
2 1/2"	8	S16159-8 NPT	16.0	15.9	92	38.10	5	12	2.42

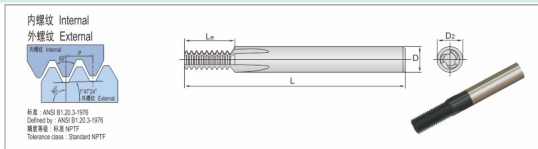
* 表示可以订购3或者5个槽, 订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.



螺纹铣削刀具 THREADING MILLING TOOLS

NPTF美制干密封锥管螺纹铣刀 NPTF



标准直槽内外刀 Standard Straight Flutes-External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TPI	内外共用刀 External-Internal	D	Dz	L	Le	Z	Zt	mm
1/16"	27	S06059-27 NPTF	6.0	5.9	57	9.41	3	10	0.64
1/4"	18	S08079-18 NPTF	8.0	7.9	63	14.11	3.5*	10	1.00
1/2"	14	S12119-14 NPTF	12.0	11.9	83	19.96	5	11	1.35
1"	11.5	S16159-11.5 NPTF	16.0	15.9	92	26.51	5	12	1.63
2 1/2"	8	S16159-8 NPTF	16.0	15.9	92	38.10	5	12	2.38

* 表示可以订购3或者5个槽, 订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.

螺纹铣削刀具 THREADING MILLING TOOLS

螺纹 Pg

内螺纹 Internal
外螺纹 External



标准: DIN 40430
Defined by: DIN 40430
螺距等级: Standard
Tolerance class: Standard



标准直槽内外刀 Standard Straight Flutes-External and Internal

螺纹 Thread	螺距 Pitch	订货号 Order No.	尺寸 Dimensions (mm)				槽数 No. of Flutes	齿数 Teeth	齿高 h
最小直径 Min Dia.	TPI	内外共用刀 External+Internal	D	D2	L	Le	Z	Zt	mm
Pg7	20	S08079-20 PG	8	7.9	63	19.05	3.5*	15	0.61
Pg9, 11, 13.5, 16	18	S10099-18 PG	10	9.9	72	23.99	5	17	0.67
Pg21, 29, 36, 42, 48	16	S12119-16 PG	12	11.9	83	28.58	5	18	0.76

* 表示可以订购3或者5个槽，订货时把3或者5加在订货号后面

* Available with 3 and 5 flutes, Add 3 or 5 to the order NO.