

螺纹铣刀 Thread Milling Tools



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2024-2025样本



方瀚工具源头生产厂家

上海方瀚精密工具有限公司
Shanghai Fonhae Precision Tools Co., Ltd.

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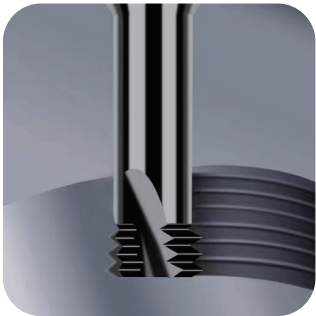
精密机械加工刀具制造商，成立于2016 年，专业提供硬质合金、金属陶瓷刀具研发、生产、销售和服务的企业。

主要服务于航空航天、汽车、消费电子、液压气动、工程机械及精密机械等客户。

Manufacturer of precision machining tools, was established in 2016. The company specializes in providing tungsten carbide, cermet tools research and development, production, sales and service.
Mainly serve aerospace, automotive, consumer electronics, pneumatic hydraulic industry, engineering machinery and precision machinery customers.

公司提供的产品和服务
Products and services provided by the company

- 研究开发硬质合金材料、几何结构、涂层和加工工艺
- 依据客户要求开发非标刀具
- 客户服务和产品培训
- OEM-项目和加工工艺解决方案
- 效率和成本计算
- Researches and develops tungsten carbide materials, geometries, coatings and machining processes
- Develops special tools according to customer requirements
- Provides customer service and product training
- OEM - projects and machining process solutions
- Efficiency and cost calculation



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F580-纳米黑金刚-HRC45°以下

F580-Nano black diamond-Below HRC45°



单牙铣牙刀

Single tooth milling tool

单牙微型

Single tooth miniature

60°牙尖

适合加工深孔螺纹硬度HRC45°以下螺纹

Suitable for machining deep hole thread hardness Below HRC45°

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M0.8x0.2	0.2	0.55	2.8	4	50	3	ECO044	580DM215
M1.0x0.25	0.25	0.7	3.1	4	50	3	ECO010	580DM165
M1.2x0.25	0.25	0.9	3.8	4	50	3	ECO011	580DM166
M1.4x0.3	0.3	1.05	4.4	4	50	3	ECO012	580DM167
M1.6x0.35	0.35	1.2	5.0	4	50	3	ECO013	580DM168
M1.8x0.35	0.35	1.4	5.6	4	50	3	ECO014	580DM169
M2.0x0.4	0.4	1.5	6.2	4	50	3	ECO015	580DM170
M2.5x0.45	0.45	1.95	7.7	4	50	3	ECO016	580DM171
M3x0.5	0.5	2.4	9	4	50	3	ECO017	580DM172
M3.5x0.6	0.6	2.75	10	4	50	3	ECO018	580DM173
M4x0.7	0.7	3.15	12	4	50	3	ECO019	580DM174
M5x0.8	0.8	4	15	4	50	3	ECO020	580DM175
M6x1.0	1.0	4.8	19	6	50	3	ECO021	580DM176
M8x1.25	1.25	6	22	6	50	3	ECO022	580DM177
M10x1.5	1.5	8	30	8	60	3	ECO023	580DM178
M12x1.75	1.75	9.4	38	10	75	4	ECO039	580DM180
M14x2.0	2.0	10.2	38	12	75	4	ECO040	580DM161
M16x2.0	2.0	13	39	14	80	4	ECO041	580DM182
M18x2.5	2.5	14.5	50	16	90	4	ECO042	580DM183
M20x2.5	2.5	16	54	16	90	5	ECO043	580DM184

F580-纳米黑金刚-HRC45°以下

F580-Nano black diamond-Below HRC45°



单牙铣牙刀

Single tooth milling tool

75L加长

75L extended

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M1.4x0.3	0.3	1.05	5	4	75	3	75DM162	580DDM445
M1.6X0.35	0.35	1.2	6	4	75	3	75DM163	580DDM446
M2.0x0.4	0.4	1.5	8	4	75	3	75DM164	580DDM447
M2.5x0.45	0.45	1.95	10	4	75	3	75DM165	580DDM448
M3x0.5	0.5	2.4	12	4	75	3	75DM166	580DDM449
M4x0.7	0.7	3.15	16	4	75	3	75DM167	580DDM450
M5x0.8	0.8	4	20	6	75	3	75DM168	580DDM451
M6x1.0	1.0	4.8	24	6	75	3	75DM169	580DDM452
M8x1.25	1.25	6	32	6	75	3	75DM170	580DDM453
M10x1.5	1.5	8	35	8	75	3	75DM171	580DDM454

100L加长

100L extended

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M1.4x0.3	0.3	1.05	5	4	100	3	100DM164	580CDM013
M1.6X0.35	0.35	1.2	6	4	100	3	100DM165	580CDM014
M2.0x0.4	0.4	1.5	8	4	100	3	100DM166	580CDM015
M2.5x0.45	0.45	1.95	10	4	100	3	100DM167	580CDM016
M3x0.5	0.5	2.4	12	4	100	3	100DM168	580CDM017
M4x0.7	0.7	3.15	16	4	100	3	100DM169	580CDM018
M5x0.8	0.8	4	20	6	100	3	100DM170	580CDM019
M6x1.0	1.0	4.8	24	6	100	3	100DM171	580CDM020
M8x1.25	1.25	6	32	6	100	3	100DM172	580CDM021
M10x1.5	1.5	8	40	8	100	3	100DM173	580CDM022
M12x1.75	1.75	9.4	48	10	100	4	100DM174	580CDM023
M14x2.0	2.0	10	50	10	100	4	100DM175	580CDM024

F580 | 三牙铣牙刀

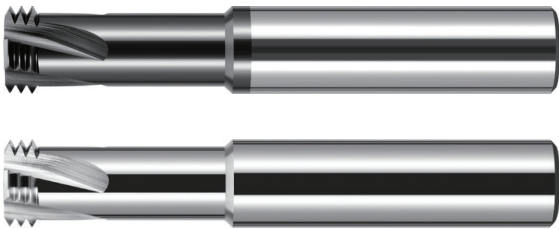
Three tooth milling tool

FONHAE方瀚

M

公制三牙

Metric three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.25	M1.0x0.25	0.73	2.3	4	50	3	0.75	58SM172	580SM412
0.25	M1.2x0.25	0.92	2.8	4	50	3	0.95	58SM173	580SM413
0.3	M1.4x0.3	1.05	3.2	4	50	3	1.05	58SM174	580SM414
0.35	M1.6x0.35	1.2	3.3	4	50	3	1.25	58SM175	580SM415
0.35	M1.8x0.35	1.41	4.1	4	50	3	1.45	58SM390	580SM416
0.4	M2.0x0.4	1.54	4.4	4	50	3	1.6	58SM176	580SM417
0.45	M2.2x0.45	1.63	4.8	4	50	3	1.75	58SM177	580SM418
0.45	M2.5x0.45	1.96	5.3	4	50	3	2.05	58SM178	580SM419
0.5	M3x0.5	2.4	6.4	4	50	3	2.5	58SM179	580SM420
0.5	M4x0.5	3	8.6	4	50	3	3.5	58SM390	580SM421
0.5	M8x0.5	6	17.3	6	50	3	7.5	58SM394	580SM422
0.5	M10x0.5	8	21.8	8	60	3	9.5	58SM398	580SM423
0.6	M3.5x0.6	2.75	7.4	4	50	3	2.9	58SM180	580SM424
0.7	M4x0.7	3.15	8.6	4	50	3	3.3	58SM181	580SM425
0.75	M4.5x0.75	3.5	9.5	4	50	3	3.8	58SM262	580SM426
0.75	M6x0.75	4.8	13	6	50	3	5.3	58SM391	580SM427
0.75	M8x0.75	6	17.3	6	50	3	7.3	58SM393	580SM428
0.75	M10x0.75	8	21.8	8	60	3	9.3	58SM397	580SM429
0.8	M5x0.8	4	12	4	50	3	4.2	58SM182	580SM430
1.0	M6x1.0	4.75	13	6	50	3	5	58SM183	580SM431
1.0	M8x1.0	6	17.3	6	50	3	7	58SM392	580SM432
1.0	M10x1.0	8	21.8	8	60	3	9	58SM396	580SM433
1.0	M12x1.0	10	25	10	75	4	11	58SM401	580SM434
1.0	M14x1.0	10	28	10	75	4	13	58SM404	580SM435
1.0	M16x1.0	12	30	12	75	4	15	58SM407	580SM436
1.0	M20x1.0	15.8	40	16	90	4	19	58SM410	580SM437
1.25	M8x1.25	6	17.3	6	50	3	6.8	58SM184	580SM438
1.25	M10x1.25	8	21.8	8	60	3	8.8	58SM395	580SM439
1.25	M12x1.25	10	25	10	75	4	10.8	58SM400	580SM440
1.25	M14x1.25	10	28	10	75	4	12.8	58SM403	580SM441
1.25	M16x1.25	12	30	12	75	4	14.8	58SM406	580SM442
1.5	M10x1.5	8	21.8	8	60	3	8.6	58SM185	580SM443
1.5	M12x1.5	10	25	10	75	4	10.6	58SM399	580SM444
1.5	M14x1.5	10	28	10	75	4	12.6	58SM402	580SM445
1.5	M16x1.5	12	30	12	75	4	14.6	58SM405	580SM446
1.5	M20x1.5	15.8	40	16	90	4	18.6	58SM409	580SM447
1.75	M12x1.75	10	24	10	75	4	10.3	58SM186	580SM448
2.0	M14x2.0	10	25	10	75	4	12.1	58SM208	580SM449
2.0	M16x2.0	11.5	27	12	75	4	14.1	58SM187	580SM450
2.0	M20x2.0	15.8	40	16	90	4	18.1	58SM408	580SM451
2.5	M20x2.5	15	36	16	90	4	17.6	58SM188	580SM452
3.0	M24x3.0	16	45	16	90	4	21.2	58SM411	580SM453

F580 | 三牙铣牙刀

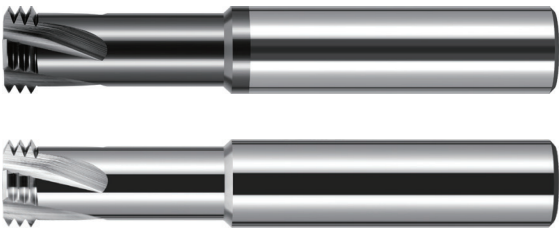
Three tooth milling tool

FONHAE方瀚

M

75L加长三牙

75L extended three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.35	M1.6x0.35	1.2	6.4	4	75	3	1.25	58SSM417	580SSM426
0.4	M2.0x0.4	1.54	8	4	75	3	1.6	58SSM418	580SSM427
0.45	M2.5x0.45	1.96	10	4	75	3	2.05	58SSM419	580SSM428
0.5	M3x0.5	2.4	12	4	75	3	2.5	58SSM420	580SSM429
0.7	M4x0.7	3.15	16	4	75	3	3.3	58SSM421	580SSM430
0.8	M5x0.8	4	20	6	75	3	4.2	58SSM422	580SSM431
1.0	M6x1.0	4.75	24	6	75	3	5	58SSM423	580SSM432
1.25	M8x1.25	6	32	6	75	3	6.75	58SSM424	580SSM433
1.5	M10x1.5	8	35	8	75	3	8.5	58SSM425	580SSM434

F580 | 三牙铣牙刀

Three tooth milling tool

FONHAE 方瀚

M



100L加长三牙

100L extended three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刀数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.35	M1.6x0.35	1.2	6.4	4	100	3	1.25	58CSM025	580CSM036
0.4	M2.0x0.4	1.54	8	4	100	3	1.6	58CSM026	580CSM037
0.45	M2.5x0.45	1.96	10	4	100	3	2.05	58CSM027	580CSM038
0.5	M3x0.5	2.4	12	4	100	3	2.5	58CSM028	580CSM039
0.7	M4x0.7	3.15	16	4	100	3	3.3	58CSM029	580CSM040
0.8	M5x0.8	4	20	6	100	3	4.2	58CSM030	580CSM041
1.0	M6x1.0	4.75	24	6	100	3	5	58CSM031	580CSM042
1.25	M8x1.25	6	32	6	100	3	6.75	58CSM032	580CSM043
1.5	M10x1.5	8	40	8	100	3	8.5	58CSM033	580CSM044
1.75	M12x1.75	10	48	10	100	4	10.25	58CSM034	580CSM045
2.0	M14x2.0	10	50	10	100	4	12	58CSM035	580CSM046

F580 | 全牙铣牙刀

Full tooth milling tool

FONHAE 方瀚

M



ISO 公制

Metric ISO

AP涂层

AP coating

0.6u超细微粒合金基体

0.6u micro grade carbide

应用：钢用适合于加工铸铁、不锈钢、钛合金、模具钢、镍合金

Application：Steel is suitable for processing cast iron, stainless steel, titanium alloy, mold steel, nickel alloy.



螺距 Pitch P	粗牙 Coarse M	细牙 Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刀 Cutting edge	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.4	M2x0.4		1.54	4	4	50	3	1.6	58ISO064	580ISO066
0.45	M2.5x0.45		1.96	5	4	50	3	2.05	58ISO065	580ISO067
0.5	M3x0.5		2.3	6	4	50	3	2.5	58ISO001	580ISO038
0.5		M6x0.5	4	10	4	50	3	5.5	58ISO002	580ISO039
0.5		M8-M12x0.5	6	13	6	60	3	7.5	58ISO003	580ISO040
0.6	M3.5x0.6		2.7	7	4	50	3	2.9	58ISO209	580ISO209
0.7	M4x0.7		3	8	4	50	3	3.3	58ISO004	580ISO041
0.75	M4.5x0.75		3.4	9	4	50	3	3.75	58ISO005	580ISO042
0.75		M6x0.75	4.8	12	6	60	3	5.25	58ISO412	580ISO415
0.75		M8x0.75	6	16	6	60	3	7.25	58ISO413	580ISO416
0.75		M10-M12x0.75	8	20	8	60	3	9.25	58ISO006	580ISO043
0.8	M5x0.8		4	10	4	50	3	4.2	58ISO007	580ISO044
1.0	M6x1.0		4.8	12	6	60	3	5.0	58ISO008	580ISO045
1.0		M8x1.0	6	16	6	60	3	7.0	58ISO009	580ISO056
1.0		M10x1.0	8	20	8	60	3	9.0	58ISO010	580ISO047
1.0		M12x1.0	10	22	10	75	4	11.0	58ISO011	580ISO048
1.0		M16x1.0	12	22	12	75	4	15.0	58ISO012	580ISO049
1.0		M20-M48x1.0	16	30	16	90	4	19.0	58ISO013	580ISO050
1.25	M8x1.25		6	16	6	57	3	6.75	58ISO014	580ISO051
1.25		M10x1.25	8	20	8	20	3	8.75	58ISO414	580ISO417
1.25		M12-M14x1.25	10	25	10	75	4	10.75	58ISO015	580ISO052
1.5	M10x1.5		8	20	8	60	3	8.5	58ISO016	580ISO053
1.5		M12-M20x1.5	10	28	10	75	4	10.5	58ISO017	580ISO054
1.5		M14-M24x1.5	12	28	12	75	4	12.5	58ISO018	580ISO055
1.5		M20-M48x1.5	16	30	16	90	4	18.5	58ISO019	580ISO056
1.75	M12x1.75		9.8	30	10	75	4	10.25	58ISO020	580ISO057
2	M14x2.0	M15-M16x2.0	10	30	10	75	4	12.0	58ISO021	580ISO058
2	M16x2.0	M17-M20x2.0	12	30	12	75	4	14.0	58ISO022	580ISO059
2		M20-M80x2.0	16	40	16	90	4	18.0	58ISO023	580ISO060
2.5	M18-M20x2.5		14	36	14	83	4	15.5	58ISO024	580ISO061
2.5	M20-M80x2.5		16	40	16	90	4	17.5	58ISO025	580ISO062
3	M24x3.0		16	42	16	90	4	21.0	58ISO026	580ISO063
3.5	M30x3.5		20	60	20	120	5	27.2	58ISO068	580ISO069

F580 | 全牙铣牙刀

Full tooth milling tool

FONHAE 方瀚

G/PF

55°英制圆柱管螺纹

55° cylindrical pipe thread in inch



螺距 Pitch P	Standard	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
28	G1/16 G1/8	6	17	6	60	3	6.7	58GPF102	580GPF124
28	G1/8	8	20	8	60	3	8.7	58GPF103	580GPF125
19	G1/4 G3/8	10	27	10	75	4	11.8	58GPF104	580GPF126
19	G3/8	12	26.7	12	75	4	15.2	58GPF105	580GPF127
14	G1/2 G5/8	12	35	12	75	4	19.0	58GPF109	580GPF131
14	G3/4 G7/8	16	40	16	90	4	23.0	58GPF107	580GPF129
11	G1 G1-1/2	16	42	16	90	4	30.7	58GPF108	580GPF130

AP 涂层

AP coating

0.6u超细微粒合金基体

0.6u micro grade carbide

应用：钢用适合于加工铸铁、45#钢、不锈钢、钛合金、模具钢、镍合金

Application：Steel is suitable for processing cast iron, 45# steel, stainless steel, titanium alloy, mold steel, nickel alloy.

F580 | 全牙铣牙刀

Full tooth milling tool

FONHAE 方瀚

Rc/PT

55°英制圆锥管螺纹 1：16度

55°taper pipe thread 1:16 in inch



螺距 Pitch P	Standard	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
28	Rc1/16 RC1/8	5.15	12	6	60	3	6.7	58RC109	580RC131
28	Rc1/8	7.18	12	8	60	3	8.7	58RC110	580RC132
19	Rc1/4 Rc3/8	8.79	18	10	75	4	11.8	58RC111	580RC133
19	Rc3/8	10.75	20	12	75	4	15.2	58RC112	580RC134
14	Rc1/2 Rc5/8	10.42	24	12	75	4	19.0	58RC138	580RC139
14	Rc3/4 Rc7/8	14.42	24	16	90	4	23.0	58RC114	580RC136
11	≥ Rc1	14	30	16	90	4	30.7	58RC115	580RC137

NPT/NPTF

60°美制密封圆锥管螺纹1：16度

60° sealed taper pipe thread 1:16 in American



螺距 Pitch P	Standard	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
27	NPT1/16 NPT1/8	5.13	12	6	60	3	6.3	58NPT116	580NPT138
27	NPT1/8	7.36	12	8	60	3	8.5	58NPT117	580NPT139
18	NPT1/4 NPT3/8	8.63	20	10	75	4	11.1	58NPT118	580NPT140
18	NPT3/8	10.58	22	12	75	4	14.5	58NPT119	580NPT141
14	NPT1/2 NPT5/8	10.56	25	12	75	4	17.7	58NPT146	580NPT142
14	NPT3/4 NPT7/8	14.56	25	16	90	4	23.0	58NPT121	580NPT143
11.5	NPT1” NPT2”	14.03	30	16	90	4	29.0-56.0	58NPT122	580NPT144
8	NPT2-1/2 NPT3”	13.72	35	16	90	4	66.5	58NPT123	580NPT145

AP 涂层

AP coating

0.6u超细微粒合金基体

0.6u micro grade carbide

应用：钢用适合于加工铸铁、45#钢、不锈钢、钛合金、模具钢、镍合金

Application：Steel is suitable for processing cast iron, 45# steel, stainless steel, titanium alloy, mold steel, nickel alloy.

F680-古铜钢用-HRC55°以下

F680-For Bronze steel-Below HRC55°



单牙铣牙刀

Single tooth milling tool

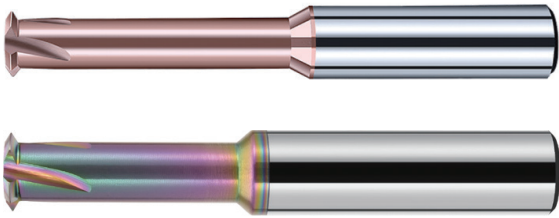
微型1×P

Miniature 1×P

60°牙尖

适合加工深孔螺纹、高硬度

Suitable for processing deep hole threads, high hardness.



粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M0.8x0.2	0.2	0.55	2.8	4	50	3	DM214	DM215
M1.0x0.25	0.25	0.7	3.1	4	50	3	DM146	DM165
M1.2x0.25	0.25	0.9	3.8	4	50	3	DM147	DM166
M1.4x0.3	0.3	1.05	4.4	4	50	3	DM148	DM167
M1.6X0.35	0.35	1.2	5.0	4	50	3	DM149	DM168
M1.8x0.35	0.35	1.4	5.6	4	50	3	DM150	DM169
M2.0x0.4	0.4	1.5	6.2	4	50	3	DM151	DM170
M2.5x0.45	0.45	1.95	7.7	4	50	3	DM152	DM171
M3x0.5	0.5	2.4	9	4	50	3	DM153	DM172
M3.5x0.6	0.6	2.75	10	4	50	3	DM207	DM173
M4x0.7	0.7	3.15	12	4	50	3	DM154	DM174
M5x0.8	0.8	4	15	4	50	3	DM155	DM175
M6x1.0	1.0	4.8	19	6	50	3	DM156	DM176
M8x1.25	1.25	6	22	6	50	3	DM157	DM177
M10x1.5	1.5	8	30	8	60	3	DM158	DM178
M12x1.75	1.75	9.4	38	10	75	4	DM160	DM180
M14x2.0	2.0	10.2	38	12	75	4	DM161	DM181
M16x2.0	2.0	13	39	14	80	4	DM162	DM182
M18x2.5	2.5	14.5	60	16	90	4	DM163	DM183
M20x2.5	2.5	16	54	16	90	5	DM164	DM184

F680-古铜钢用-HRC55°以下

F680-For Bronze steel-Below HRC55°

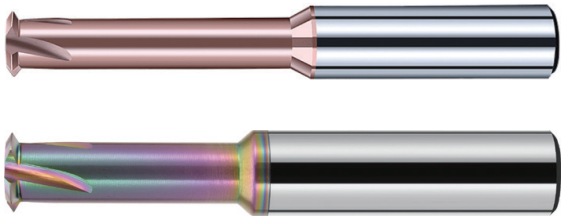


单牙铣牙刀

Single tooth milling tool

D6柄/D6 Shank

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M1.6X0.35	0.35	1.2	5.0	6	50	3	DM456	DM462
M2.0x0.4	0.4	1.5	6.2	6	50	3	DM457	DM463
M2.5x0.45	0.45	1.95	7.7	6	50	3	DM458	DM464
M3x0.5	0.5	2.4	9	6	50	3	DM459	DM465
M4x0.7	0.7	3.15	12	6	50	3	DM460	DM466
M5x0.8	0.8	4	15	6	50	3	DM461	DM467



75L加长/75L extended

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M1.4x0.3	0.3	1.05	5	4	75	3	75DM140	DDM445
M1.6X0.35	0.35	1.2	6	4	75	3	75DM141	DDM446
M2.0x0.4	0.4	1.5	8	4	75	3	75DM142	DDM447
M2.5x0.45	0.45	1.95	10	4	75	3	75DM143	DDM448
M3x0.5	0.5	2.4	12	4	75	3	75DM144	DDM449
M4x0.7	0.7	3.15	16	4	75	3	75DM145	DDM450
M5x0.8	0.8	4	20	6	75	3	75DM146	DDM451
M6x1.0	1.0	4.8	24	6	75	3	75DM147	DDM452
M8x1.25	1.25	6	32	6	75	3	75DM148	DDM453
M10x1.5	1.5	8	35	8	75	3	75DM149	DDM454

100L加长/100L extended

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
M1.4x0.3	0.3	1.05	5	4	100	3	100DM140	CDM013
M1.6X0.35	0.35	1.2	6	4	100	3	100DM141	CDM014
M2.0x0.4	0.4	1.5	8	4	100	3	100DM142	CDM015
M2.5x0.45	0.45	1.95	10	4	100	3	100DM143	CDM016
M3x0.5	0.5	2.4	12	4	100	3	100DM144	CDM017
M4x0.7	0.7	3.15	16	4	100	3	100DM145	CDM018
M5x0.8	0.8	4	20	6	100	3	100DM146	CDM019
M6x1.0	1.0	4.8	24	6	100	3	100DM147	CDM020
M8x1.25	1.25	6	32	6	100	3	100DM148	CDM021
M10x1.5	1.5	8	40	8	100	3	100DM149	CDM022
M12x1.75	1.75	9.4	48	10	100	4	100DM150	CDM023
M14x2.0	2.0	10	50	10	100	4	100DM151	CDM024

F680

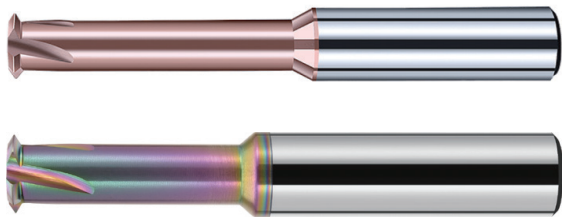
60°55°范围牙、单牙T型铣牙刀

60 ° 55 ° range tooth, single tooth T-shaped milling tool

FONHAE方瀚

60°范围牙适合UN、M系列

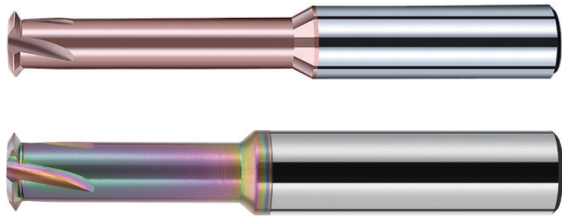
The 60° range tooth is suitable for the UN、M series



螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.5-0.8	3.9	16	4	50	3	DM186	DM194
0.5-1.0	4.85	20	6	50	3	DM187	DM195
0.5-1.25	5.9	22	6	50	3	DM188	DM196
1.0-1.5	7.9	30	8	60	3	DM189	DM197
1.0-1.75	9.9	34	10	75	4	DM190	DM198
1.0-2.0	11.9	35	12	75	4	DM191	DM199
2.0-3.0	14	38	14	80	4	DM192	DM200
2.0-3.5	16	50	16	90	5	DM193	DM201

55°范围牙G,PF,RC,PT系列

The 55° range tooth is suitable for the G,PF,RC,PT series



螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
1.058	3.5	10	4	50	3	DM202	DM208
1.27	4	12	4	50	3	DM203	DM209
0.907-1.411	6	14	6	50	3	DM204	DM210
1.337-1.814	8	22	8	60	3	DM205	DM211
1.337-1.814	10	30	10	75	4	DM206	DM212
1.337-2.54	12	38	12	75	4	DM207	DM213

F680

60°55°范围牙、单牙T型铣牙刀

60 ° 55 ° range tooth, single tooth T-shaped milling tool

FONHAE方瀚

29° 30°单齿T型螺纹

29°30°single tooth T-thread



	螺纹规格 Thread specification	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
ACME 美制 29°	ACME 1/4	16	4.7	15	6	50	3	ACME320	ACME326
	ACME 5/16	14	6	20	6	50	3	ACME321	ACME327
	ACME 3/8 7/16	12	7.2	25	8	60	3	ACME322	ACME328
	ACME 1/2	10	10	35	10	75	4	ACME323	ACME329
	ACME 5/8	8	12	35	12	75	4	ACME324	ACME330
	ACME 3/4 7/8	6	12	35	12	75	4	ACME325	ACME331
TR 国标 30°	Tr8 Tr9	1.5	6	20	6	50	3	TR001	TR009
	Tr9 Tr10 Tr11	2	6.4	20	8	60	3	TR002	TR010
	Tr12 Tr14 Tr16 Tr18 Tr20	2	9.4	35	10	75	4	TR003	TR011
	Tr11 Tr12 Tr14	3	7.4	25	8	60	3	TR004	TR012
	Tr22 Tr24 Tr26 Tr28 Tr30	3	10	35	10	75	4	TR005	TR013
	Tr16 Tr18 Tr20	4	11	35	12	75	4	TR006	TR014
	Tr22 Tr24 Tr26 Tr28	5	14	50	14	80	4	TR007	TR015
	Tr30 Tr32 Tr34 Tr36 Tr38 Tr40 Tr42	6	16	50	16	90	4	TR008	TR016

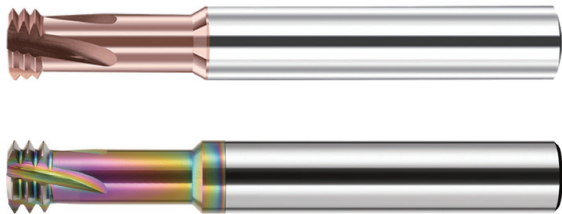
F680 | 三牙铣牙刀

Three tooth milling tool

FONHAE 方瀚

M

公制三牙
Metric three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.25	M1.0x0.25	0.73	2.3	4	50	3	0.75	SM172	SM412
0.25	M1.2x0.25	0.92	2.8	4	50	3	0.95	SM173	SM413
0.3	M1.4x0.3	1.05	3.2	4	50	3	1.05	SM174	SM414
0.35	M1.6x0.35	1.2	3.3	4	50	3	1.25	SM175	SM415
0.35	M1.8x0.35	1.41	4.1	4	50	3	1.45	SM390	SM416
0.4	M2.0x0.4	1.54	4.4	4	50	3	1.6	SM176	SM417
0.45	M2.2x0.45	1.63	4.8	4	50	3	1.75	SM177	SM418
0.45	M2.5x0.45	1.96	5.3	4	50	3	2.05	SM178	SM419
0.5	M3x0.5	2.4	6.4	4	50	3	2.5	SM179	SM420
0.5	M4x0.5	3	8.6	4	50	3	3.5	SM390	SM421
0.5	M8x0.5	6	17.3	6	50	3	7.5	SM394	SM422
0.5	M10x0.5	8	21.8	8	60	3	9.5	SM398	SM423
0.6	M3.5x0.6	2.75	7.4	4	50	3	2.9	SM180	SM424
0.7	M4x0.7	3.15	8.6	4	50	3	3.3	SM181	SM425
0.75	M4.5x0.75	3.5	9.5	4	50	3	3.8	SM262	SM426
0.75	M6x0.75	4.8	13	6	50	3	5.3	SM391	SM427
0.75	M8x0.75	6	17.3	6	50	3	7.3	SM393	SM428
0.75	M10x0.75	8	21.8	8	60	3	9.3	SM397	SM429
0.8	M5x0.8	4	12	4	50	3	4.2	SM182	SM430
1.0	M6x1.0	4.75	13	6	50	3	5	SM183	SM431
1.0	M8x1.0	6	17.3	6	50	3	7	SM392	SM432
1.0	M10x1.0	8	21.8	8	60	3	9	SM396	SM433
1.0	M12x1.0	10	25	10	75	4	11	SM401	SM434
1.0	M14x1.0	10	28	10	75	4	13	SM404	SM435
1.0	M16x1.0	12	30	12	75	4	15	SM407	SM436
1.0	M20x1.0	15.8	40	16	90	4	19	SM410	SM437
1.25	M8x1.25	6	17.3	6	50	3	6.8	SM184	SM438
1.25	M10x1.25	8	21.8	8	60	3	8.8	SM395	SM439
1.25	M12x1.25	10	25	10	75	4	10.8	SM400	SM440
1.25	M14x1.25	10	28	10	75	4	12.8	SM403	SM441
1.25	M16x1.25	12	30	12	75	4	14.8	SM406	SM442
1.5	M10x1.5	8	21.8	8	60	3	8.6	SM185	SM443
1.5	M12x1.5	10	25	10	75	4	10.6	SM399	SM444
1.5	M14x1.5	10	28	10	75	4	12.6	SM402	SM445
1.5	M16x1.5	12	30	12	75	4	14.6	SM405	SM446
1.5	M20x1.5	15.8	40	16	90	4	18.6	SM409	SM447
1.75	M12x1.75	10	24	10	75	4	10.3	SM186	SM448
2.0	M14x2.0	10	25	10	75	4	12.1	SM208	SM449
2.0	M16x2.0	11.5	27	12	75	4	14.1	SM187	SM450
2.0	M20x2.0	15.8	40	16	90	4	18.1	SM408	SM451
2.5	M20x2.5	15	36	16	90	4	17.6	SM188	SM452
3.0	M24x3.0	16	45	16	90	4	21.2	SM411	SM453

F680 | 三牙铣牙刀

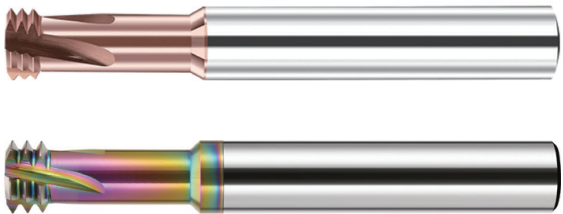
Three tooth milling tool

FONHAE 方瀚

M

D6柄
D6 Shank
公制三牙

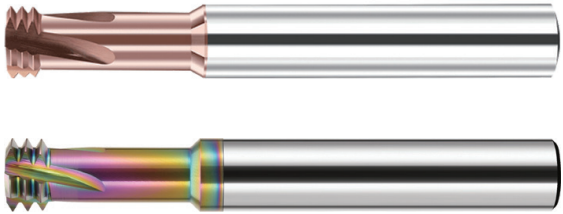
Metric three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.35	M1.6x0.35	1.2	3.3	6	50	3	1.25	SSM469	SSM475
0.4	M2.0x0.4	1.54	4.4	6	50	3	1.6	SSM470	SSM476
0.45	M2.5x0.45	1.96	5.3	6	50	3	2.05	SSM471	SSM477
0.5	M3x0.5	2.4	6.4	6	50	3	2.5	SSM472	SSM478
0.7	M4x0.7	3.15	8.6	6	50	3	3.3	SSM473	SSM479
0.8	M5x0.8	4	12	6	50	3	4.2	SSM474	SSM480

M

75L加长三牙
75L extended three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.35	M1.6x0.35	1.2	6.4	4	75	3	1.25	SSM417	SSM426
0.4	M2.0x0.4	1.54	8	4	75	3	1.6	SSM418	SSM427
0.45	M2.5x0.45	1.96	10	4	75	3	2.05	SSM419	SSM428
0.5	M3x0.5	2.4	12	4	75	3	2.5	SSM420	SSM429
0.7	M4x0.7	3.15	16	4	75	3	3.3	SSM421	SSM430
0.8	M5x0.8	4	20	6	75	3	4.2	SSM422	SSM431
1.0	M6x1.0	4.75	24	6	75	3	5	SSM423	SSM432
1.25	M8x1.25	6	32	6	75	3	6.75	SSM424	SSM433
1.5	M10x1.5	8	35	8	75	3	8.5	SSM425	SSM434

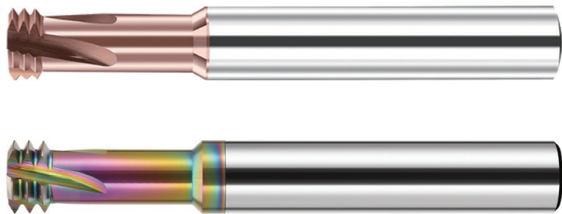
F680 | 三牙铣牙刀

Three tooth milling tool

FONHAE 方瀚

M

100L加长三牙
100L extended three tooth



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刀数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.35	M1.6x0.35	1.2	6.4	4	100	3	1.25	CSM025	CSM036
0.4	M2.0x0.4	1.54	8	4	100	3	1.6	CSM026	CSM037
0.45	M2.5x0.45	1.96	10	4	100	3	2.05	CSM027	CSM038
0.5	M3x0.5	2.4	12	4	100	3	2.5	CSM028	CSM039
0.7	M4x0.7	3.15	16	4	100	3	3.3	CSM029	CSM040
0.8	M5x0.8	4	20	6	100	3	4.2	CSM030	CSM041
1.0	M6x1.0	4.75	24	6	100	3	5	CSM031	CSM042
1.25	M8x1.25	6	32	6	100	3	6.75	CSM032	CSM043
1.5	M10x1.5	8	40	8	100	3	8.5	CSM033	CSM044
1.75	M12x1.75	10	48	10	100	4	10.25	CSM034	CSM045
2.0	M14x2.0	10	50	10	100	4	12	CSM035	CSM046

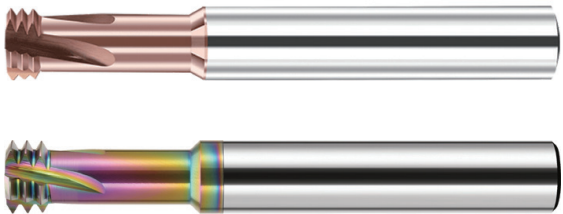
F680 | 三牙铣牙刀

Three tooth milling tool

FONHAE 方瀚

UN

英制三牙
Three tooth in inch



螺距 Pitch P	UNC	UNF	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刀数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
80		No.0-80	1.15	3.5	4	50	3	1.2	SU454	SU455
72		No.1-72	1.45	3.9	4	50	3	1.6	SU189	SU207
64	No.1-64	No.2-64	1.4	4.2	4	50	3	1.5	SU190	SU208
56	No.2-56	No.3-56	1.65	5.0	4	50	3	1.8	SU191	SU209
48	No.3-48	No.4-48	1.9	6.0	4	50	3	2.1	SU192	SU210
40	No.4,No.5-40	No.6-40	2.1	6.0	4	50	3	2.3	SU193	SU211
40	No.5-40	No.6-40	2.45	7.2	4	50	3	2.6	SU194	SU212
36		No.8-36	3.3	8.7	4	50	3	3.5	SU195	SU213
32	No.6,No.8-32	No.10-32	2.55	7.4	4	50	3	2.8	SU196	SU214
32	No.8-32	No.10-32	3.2	10.0	4	50	3	3.5	SU197	SU215
32		No.10-32	3.8	10.3	4	50	3	4.0	SU198	SU216
28		1/4-28	5.25	13.2	6	50	3	5.5	SU199	SU217
24	No.10-24	5/16-24	3.58	10.2	4	50	3	3.9	SU200	SU218
24		5/16-24	6.68	16.5	8	60	3	6.9	SU201	SU219
20	1/4-20	7/16-20	4.88	13.4	6	50	3	5.2	SU202	SU220
20		7/16-20	9.55	23	10	75	4	9.9	SU203	SU221
18	5/16-18		6.15	16.9	8	60	3	6.6	SU204	SU222
16	3/8-16		6.7	19.1	8	60	3	8.0	SU205	SU223
14	7/16-14		9.0	23.3	10	75	4	9.4	SU206	SU224

F680 | 全牙铣牙刀

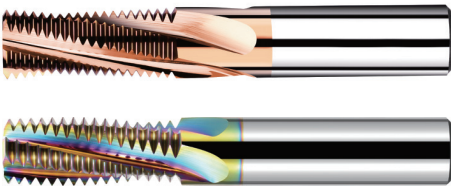
Full tooth milling tool

FONHAE 方瀚

M

ISO公制

Metric ISO



螺距 Pitch P	粗牙 Coarse M	细牙 Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
0.4	M2x0.4		1.54	4	4	50	3	1.6	ISO064	ISO066
0.45	M2.5x0.45		1.96	5	4	50	3	2.05	ISO065	ISO067
0.5	M3x0.5		2.3	6	4	50	3	2.5	ISO001	ISO038
0.5		M6x0.5	4	10	4	50	3	5.5	ISO002	ISO039
0.5		M8-M12x0.5	6	13	6	60	3	7.5	ISO003	ISO040
0.6	M3.5x0.6		2.7	7	4	50	3	2.9	ISO209	ISO209
0.7	M4x0.7		3	8	4	50	3	3.3	ISO004	ISO041
0.75	M4.5x0.75		3.4	9	4	50	3	3.75	ISO005	ISO042
0.75		M6x0.75	4.8	12	6	60	3	5.25	ISO412	ISO415
0.75		M8x0.75	6	16	6	60	3	7.25	ISO413	ISO416
0.75		M10-M12x0.75	8	20	8	60	3	9.25	ISO006	ISO043
0.8	M5x0.8		4	10	4	50	3	4.2	ISO007	ISO044
1.0	M6x1.0		4.8	12	6	60	3	5.0	ISO008	ISO045
1.0		M8x1.0	6	16	6	60	3	7.0	ISO009	ISO056
1.0		M10x1.0	8	20	8	60	3	9.0	ISO010	ISO047
1.0		M12x1.0	10	22	10	75	4	11.0	ISO011	ISO048
1.0		M16x1.0	12	22	12	75	4	15.0	ISO012	ISO049
1.0		M20-M48x1.0	16	30	16	90	4	19.0	ISO013	ISO050
1.25	M8x1.25		6	16	6	57	3	6.75	ISO014	ISO051
1.25		M10x1.25	8	20	8	20	3	8.75	ISO414	ISO417
1.25		M12-M14x1.25	10	25	10	75	4	10.75	ISO015	ISO052
1.5	M10x1.5		8	20	8	60	3	8.5	ISO016	ISO053
1.5		M12-M20x1.5	10	28	10	75	4	10.5	ISO017	ISO054
1.5		M14-M24x1.5	12	28	12	75	4	12.5	ISO018	ISO055
1.5		M20-M48x1.5	16	30	16	90	4	18.5	ISO019	ISO056
1.75	M12x1.75		9.8	30	10	75	4	10.25	ISO020	ISO057
2	M14x2.0	M15-M16x2.0	10	30	10	75	4	12.0	ISO021	ISO058
2	M16x2.0	M17-M20x2.0	12	30	12	75	4	14.0	ISO022	ISO059
2		M20-M80x2.0	16	40	16	90	4	18.0	ISO023	ISO060
2.5	M18-M20x2.5		14	36	14	83	4	15.5	ISO024	ISO061
2.5	M20-M80x2.5		16	40	16	90	4	17.5	ISO025	ISO062
3	M24x3.0		16	42	16	90	4	21.0	ISO026	ISO063
3.5	M30x3.5		20	60	20	120	5	27.2	ISO068	ISO069

古铜色涂层Bronzed coating

0.4u超细微粒合金基体0.4u micro grade carbide

应用：钢用适合于加工铸铁、不锈钢、钛合金、模具钢、淬火钢

Application：Steel is suitable for processing cast iron, stainless steel, titanium alloy, mold steel, hardened steel

七彩涂层 Colorful coating.

0.4u超细微粒合金基体0.4u micro grade carbide

应用：铝用适合于加工铝合金、型材铝、黄铜、紫铜、塑料PVC一类

Application：Aluminum is suitable for processing aluminum alloy, brass, copper, plastic PVC and so on.

F680 | 全牙铣牙刀

Full tooth milling tool

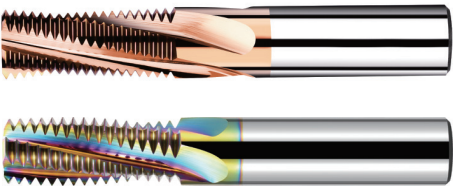
FONHAE 方瀚

PG 德标螺纹

PG in DIN thread

80°牙尖 全牙型

Full tooth



	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
Pg7	20	7.9	19.05	8	60	3	PG290	PG293
Pg9 Pg11 Pg13.5 Pg16	18	9.9	23.99	10	75	4	PG291	PG294
Pg21 Pg29 Pg36 Pg42 Pg48	16	11.9	28.58	12	75	4	PG292	PG295

古铜色涂层Bronzed coating

0.4u超细微粒合金基体0.4u micro grade carbide

应用：钢用适合于加工铸铁、不锈钢、钛合金、模具钢、淬火钢

Application：Steel is suitable for processing cast iron, stainless steel, titanium alloy, mold steel, hardened steel

七彩涂层 Colorful coating.

0.4u超细微粒合金基体0.4u micro grade carbide

应用：铝用适合于加工铝合金、型材铝、黄铜、紫铜、塑料PVC一类

Application：Aluminum is suitable for processing aluminum alloy, brass, copper, plastic PVC and so on.

F680 | 全牙铣牙刀

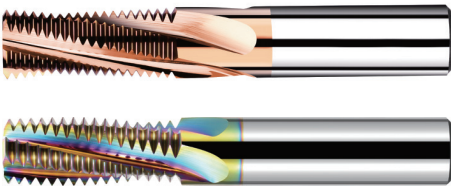
Full tooth milling tool

FONHAE 方瀚

UN

美制UN

American UN



螺距 Pitch P	粗牙 Coarse UNC	细牙 Fine UNF	超细牙 Ultrafine UNEF	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
36		No8-36		3	8.5	4	50	3	3.5	UN075	UN293
32		No.10-32	No.12-3/8-32	3.5	11.1	4	50	3	4.0	UN076	UN294
28		No.12-28,1/4-28	7/16,1/2-28	4	11.8	4	50	3	4.6	UN077	UN295
28		1/4-28	7/16,1/2-28	5	12.7	6	60	3	5.5	UN078	UN296
28			7/16,1/2-28	9.2	22.7	10	75	4	10.2	UN079	UN297
24	No.10-24	5/16,3/8-24	9/16,11/16-24	3.2	10.6	4	50	3	3.8	UN080	UN298
24	No.12-24	5/16,3/8-24	9/16,11/16-24	4	11.6	4	50	3	4.5	UN081	UN299
24		5/16,3/8-24	9/16,11/16-24	6	15.9	6	60	3	6.8	UN082	UN300
24		3/8-24	9/16,11/16-24	7.8	19.1	8	60	3	8.5	UN083	UN301
24			9/16,11/16-24	11.9	28.6	12	75	4	13.2	UN084	UN302
20	1/4-20	7/16,1/2-20	3/4,1-20	4	12.7	4	50	3	5.2	UN085	UN303
20		7/16,1/2-20	3/4,1-20	9	22.9	10	75	4	9.8	UN086	UN304
20		1/2-20	3/4,1-20	10	25.4	10	75	4	11.5	UN087	UN305
20			3/4,1-20	12	28.1	12	75	4	17.8	UN088	UN306
18	5/16-18	9/16	11/16,1-11/16-18	5.8	16.9	6	60	3	6.5	UN089	UN307
18		9/16,5/8-18	11/16,1-11/16-18	10	29.6	10	75	4	12.8	UN090	UN308
16	3/8-16	3/4-16		7.6	19.1	8	60	3	8.0	UN091	UN309
16		3/4-16		12	28	12	75	4	17.5	UN092	UN310
14	7/16-14	7/8-14		8	20	8	60	3	9.3	UN093	UN311
14		7/8-14		16	39.9	16	90	4	20.5	UN094	UN312
13	1/2-13			8	20	8	60	3	10.8	UN095	UN313
12	9/16-12	1” 1-1/2-12		10	28	10	75	4	12.3	UN096	UN314
12		1” 1-1/2-12		16	40	16	90	4	23.5	UN097	UN315
11	5/8-11			12	30	12	75	4	13.5	UN098	UN316
10	3/4-10			12	30	12	75	4	16.5	UN099	UN317
9	7/8-9			16	38	16	90	4	19.5	UN100	UN318
8	1-8			16	40	16	90	4	22	UN101	UN319

古铜色涂层Bronzed coating

0.4u超细微粒合金基体0.4u micro grade carbide

应用：钢用适合于加工铸铁、不锈钢、钛合金、模具钢、淬火钢

Application：Steel is suitable for processing cast iron, stainless steel, titanium alloy, mold steel, hardened steel

七彩涂层 Colorful coating.

0.4u超细微粒合金基体0.4u micro grade carbide

应用：铝用适合于加工铝合金、型材铝、黄铜、紫铜、塑料PVC一类

Application：Aluminum is suitable for processing aluminum alloy, brass, copper, plastic PVC and so on.

F680 | 全牙铣牙刀

Full tooth milling tool

FONHAE 方瀚

多功能三合一螺纹铣刀、免底孔

Multi-function three-in-on thread milling tool, without bottom hole



螺距 Pitch P	粗细牙 Coarse/Fine M	刃径 Cutting edge diameter mm	避空长 Evasive length mm	倒角长 Chamfer length mm	孔口倒角角度 Chamfer angle of orifice mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	铝用订货号 Order number for aluminum
0.35	M1.6X0.35	1.2	5	/	/	6	50	3	DGN001
0.4	M2.0X0.4	1.54	6	/	/	6	50	3	DGN002
0.45	M2.5X0.45	1.96	8	/	/	6	50	3	DGN003
0.5	M3X0.5	2.4	9	0.4	90°	6	50	3	DGN004
0.7	M4X0.7	3.2	11	0.57	90°	6	50	3	DGN005
0.8	M5X0.8	3.9	12	0.7	90°	6	50	3	DGN006
1.0	M6X1.0	4.7	14	0.79	90°	6	50	3	DGN007
1.25	M8X1.25	6.5	18	0.9	90°	8	60	4	DGN008
1.5	M10X1.5	7.8	23	1.12	90°	8	60	4	DGN009
1.75	M12X1.75	9.6	26	1.2	90°	10	75	4	DGN010

适用于：铝、压铸铝、铜、玻璃纤维、铝基板、塑料等

Suitable for：aluminum, die-cast aluminum, copper, glass fiber, aluminum substrate, plastic and so on.

特点：采用DLC七彩金钴涂层，免打底孔可直接螺纹和孔口倒角、效率高、光洁度亮

Features：Using DLC colorful gold cobalt coating, without bottom hole can be directly threaded and hole chamfer, high efficiency, good surface quality.

F680 | 全牙铣牙刀

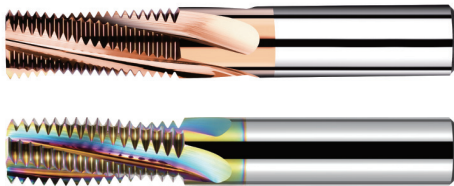
Full tooth milling tool

FONHAE 方瀚

G/PF

55°英制圆柱管螺纹

55°cylindrical pipe thread in inch

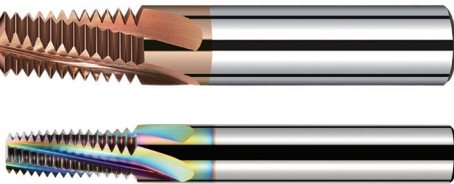


螺距 Pitch P	Standard	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
28	G1/16 G1/8	6	12	6	60	3	6.7	GPF102	GPF124
28	G1/8	8	12	8	60	3	8.7	GPF103	GPF125
19	G1/4 G3/8	10	15	10	75	4	11.8	GPF104	GPF126
19	G3/8	12	22	12	75	4	15.2	GPF105	GPF127
19	G3/8	14	22	14	80	4	15.2	GPF106	GPF128
14	G1/2 G5/8	12	26	12	75	4	19.0	GPF109	GPF131
14	G3/4 G7/8	16	30	16	90	4	23.0	GPF107	GPF129
11	G1 G1-1/2	16	34	16	90	4	30.7	GPF108	GPF130

Rc/PT

55°英制圆锥管螺纹 1：16度

55°taper pipe thread 1:16 in inch



螺距 Pitch P	Standard	小头刃径 Cutting edge diameter	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
28	Rc1/16 Rc1/8	5.15	12	6	60	3	6.7	RC109	RC131
28	Rc1/8	7.18	12	8	60	3	8.7	RC110	RC132
19	Rc1/4 Rc3/8	8.79	18	10	75	4	11.8	RC111	RC133
19	Rc3/8	10.75	20	12	75	4	15.2	RC112	RC134
19	Rc3/8	12.65	20	14	80	4	15.2	RC113	RC135
14	Rc1/2 Rc5/8	10.42	24	12	75	4	19.0	RC138	RC139
14	Rc3/4 Rc7/8	14.42	24	16	90	4	23.0	RC114	RC136
11	≥ Rc1	14	30	16	90	4	30.7	RC115	RC137

古铜色涂层Bronzed coating

0.4u超细微粒合金基体0.4u micro grade carbide

应用：钢用适合于加工铸铁、45#钢、不锈钢、钛合金、模具钢、淬火钢

Application：Steel suitable for processing cast iron, 45# steel , stainless steel, titanium alloy, mold steel, hardened steel .

F680 | 全牙铣牙刀

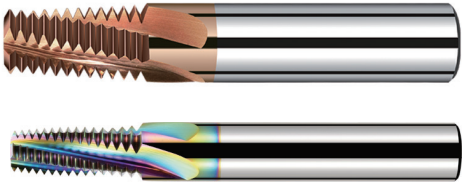
Full tooth milling tool

FONHAE 方瀚

NPT/NPTF

60°美制密封圆锥管螺纹1：16度

60°sealed taper pipe thread 1:16 in American



古铜色涂层Bronzed coating

0.4u超细微粒合金基体0.4u micro grade carbide

应用：钢用适合于加工铸铁、45#钢、不锈钢、钛合金、模具钢、淬火钢

Application：Steel suitable for processing cast iron, 45# steel , stainless steel, titanium alloy, mold steel, hardened steel .

螺距 Pitch P	Standard	小头刃径 Cutting edge diameter	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
27	NPT1/16 NPT1/8	5.13	12	6	60	3	6.3	NPT116	NPT138
27	NPT1/8	7.36	12	8	60	3	8.5	NPT117	NPT139
18	NPT1/4 NPT3/8	8.63	20	10	75	4	11.1	NPT118	NPT140
18	NPT3/8	10.58	22	12	75	4	14.5	NPT119	NPT141
18	NPT3/8	12.61	22	14	80	4	14.5	NPT120	NPT142
14	NPT1/2 NPT5/8	10.56	25	12	75	4	17.7	NPT146	NPT147
14	NPT3/4 NPT7/8	14.56	25	16	90	4	23.0	NPT121	NPT143
11.5	NPT1” NPT2”	14.03	30	16	90	4	29.0-56.0	NPT122	NPT144
8	NPT2-1/2 NPT3”	13.72	35	16	90	4	66.5	NPT123	NPT145

1：16锥度-RC PT NPT NPTF专用螺纹底孔铣刀

1：16 taper-RC PT NPT NPTF special thread bottom hole milling tool



刃径 Cutting edge diameter mm	单边角度 Unilateral angle	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	钢用刀数 Edge number for steel	铝用刀数 Edge number for aluminum	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
5.06	1.79°	15	6	60	4	3	ZDXD001	ZDXD005
6.5	1.79°	24	8	60	4	3	ZDXD002	ZDXD006
8.12	1.79°	30	10	75	4	3	ZDXD003	ZDXD007
9.8	1.79°	35	12	75	4	3	ZDXD004	ZDXD008

F680 | 上下倒角刀

Upper and lower chamfering

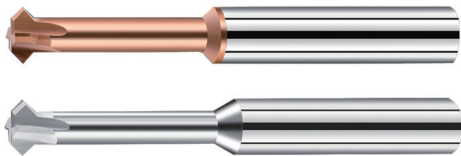


孔口45°倒角

Orifice 45° chamfer

钢、铝用

For steel and aluminum



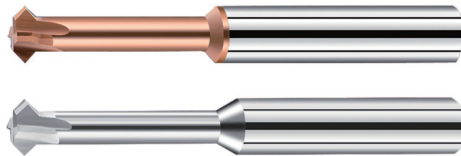
刃径 Cutting edge diameter mm	倒角角度 Chamfer angle	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
1.96	90°	10	4	50	3	DJ001	DJ010
2.4	90°	8	4	50	3	DJ002	DJ011
3	90°	15	4	50	3	DJ003	DJ012
4	90°	16	4	50	3	DJ004	DJ013
4.5	90°	20	5	50	3	DJ005	DJ014
5	90°	20	6	50	3	DJ006	DJ015
6	90°	25	6	50	3	DJ007	DJ016
8	90°	28	8	60	3	DJ008	DJ017
10	90°	35	10	75	4	DJ009	DJ018
12	90°	50	12	100	4	DJ041	DJ042

孔口30°倒角

Orifice 30° chamfer

钢、铝用

For steel and aluminum



刃径 Cutting edge diameter mm	倒角角度 Chamfer angle	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	钢用订货号 Order number for steel	铝用订货号 Order number for aluminum
2.35	60°	8	4	50	3	DJ019	DJ030
3.15	60°	10	4	50	3	DJ020	DJ031
3.9	60°	12	4	50	3	DJ021	DJ032
4.8	60°	15	6	50	3	DJ022	DJ033
6	60°	18	6	50	3	DJ023	DJ034
8	60°	22	8	60	3	DJ024	DJ035
9.4	60°	30	10	75	4	DJ025	DJ036
10	60°	36	10	75	4	DJ026	DJ037
12	60°	36	12	75	4	DJ027	DJ038
14	60°	48	14	100	4	DJ028	DJ039
16	60°	55	16	100	4	DJ029	DJ040

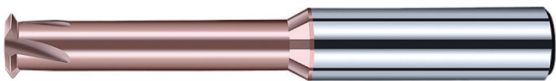
F720-纳米古铜-HRC65°以下

F720-Nano bronze-Below HRC65°



单牙铣牙刀

Single tooth milling tool



微型1×P

Miniature 1×P

60°牙尖

适合加工深孔螺纹、高硬度、淬火钢

Suitable for processing deep hole threads, high hardness, hardened steel.

粗牙 Coarse M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel
M1.0x0.25	0.25	0.7	3.1	4	50	3	720DM146
M1.2x0.25	0.25	0.9	3.8	4	50	3	720DM147
M1.4x0.3	0.3	1.05	4.4	4	50	3	720DM148
M1.6X0.35	0.35	1.2	5.0	4	50	3	720DM149
M1.8x0.35	0.35	1.4	5.6	4	50	3	720DM150
M2.0x0.4	0.4	1.5	6.2	4	50	3	720DM151
M2.5x0.45	0.45	1.95	7.7	4	50	3	720DM152
M3x0.5	0.5	2.4	9	4	50	3	720DM153
M3.5x0.6	0.6	2.75	10	4	50	3	720DM207
M4x0.7	0.7	3.15	12	4	50	3	720DM154
M5x0.8	0.8	4	15	4	50	3	720DM155
M6x1.0	1.0	4.8	19	6	50	3	720DM156
M8x1.25	1.25	6	22	6	50	3	720DM157
M10x1.5	1.5	8	30	8	60	3	720DM158

F720 | 三牙铣牙刀

Three tooth milling tool

FONHAE方瀚

F720-纳米古铜-HRC65°以下

F720-Nano bronze-Below HRC65°



M

公制三牙

Metric three tooth

适合加工深孔螺纹、高硬度、淬火钢

Suitable for processing deep hole threads, high hardness, hardened steel.

粗细牙 Coarse/Fine M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel
M1.0x0.25	0.25	0.73	2.3	4	50	3	0.75	720SM172
M1.2x0.25	0.25	0.92	2.8	4	50	3	0.95	720SM173
M1.4x0.3	0.3	1.05	3.2	4	50	3	1.05	720SM174
M1.6x0.35	0.35	1.2	3.3	4	50	3	1.25	720SM175
M1.8x0.35	0.35	1.41	4.1	4	50	3	1.45	720SM390
M2.0x0.4	0.4	1.54	4.4	4	50	3	1.6	720SM176
M2.5x0.45	0.5	1.96	5.3	4	50	3	2.05	720SM177
M3x0.5	0.6	2.4	6.4	4	50	3	2.5	720SM178
M4x0.7	0.7	3.15	8.6	4	50	3	3.3	720SM179
M5x0.8	0.8	4	12	4	50	3	4.2	720SM390
M6x1.0	1.0	4.8	13	6	50	3	5	720SM394
M8x1.25	1.25	6	17.3	6	50	3	6.8	720SM398
M10x1.5	1.5	8	21.8	8	60	3	8.6	720SM180

F720 | 三牙铣牙刀

Three tooth milling tool

FONHAE方瀚

F720-纳米古铜-HRC65°以下

F720-Nano bronze-Below HRC65°



M

金刚石PCD涂层三牙螺纹铣刀

Diamond PCD coated three-tooth thread milling tool

适合加工纤维，碳化硅（硅含量60%以下），石墨等材料

Suitable for processing fiber, silicon carbide（silicon content below 60%）, graphite and other materials.

粗细牙 Coarse/Fine M	螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃数 Number of cutting edges	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel
M1.6x0.35	0.35	1.2	3.3	4	50	3	1.25	720PCD175
M1.8x0.35	0.35	1.41	4.1	4	50	3	1.45	720PCD390
M2.0x0.4	0.4	1.54	4.4	4	50	3	1.6	720PCD176
M2.5x0.45	0.5	1.96	5.3	4	50	3	2.05	720PCD177
M3x0.5	0.6	2.4	6.4	4	50	3	2.5	720PCD178
M4x0.7	0.7	3.15	8.6	4	50	3	3.3	720PCD179
M5x0.8	0.8	4	12	4	50	3	4.2	720PCD390
M6x1.0	1.0	4.8	13	6	50	3	5	720PCD394
M8x1.25	1.25	6	17.3	6	50	3	6.8	720PCD398
M10x1.5	1.5	8	21.8	8	60	3	8.6	720PCD180

F720 | 全牙铣牙刀

Full tooth milling tool

FONHAE 方瀚

M



ISO公制

Metric ISO

螺距 Pitch P	粗牙 Coarse M	细牙 Fine M	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	底孔直径 Bottom hole diameter	钢用订货号 Order number for steel
0.4	M2x0.4		1.54	4	4	50	3	1.6	720ISO064
0.45	M2.5x0.45		1.96	5	4	50	3	2.05	720ISO065
0.5	M3x0.5		2.3	6	4	50	3	2.5	720ISO001
0.5		M6x0.5	4	10	4	50	3	5.5	720ISO002
0.5		M8-M12x0.5	6	13	6	60	3	7.5	720ISO003
0.6	M3.5x0.6		2.7	7	4	50	3	2.9	720ISO209
0.7	M4x0.7		3	8	4	50	3	3.3	720ISO004
0.75	M4.5x0.75		3.4	9	4	50	3	3.75	720ISO005
0.75		M6x0.75	4.8	12	6	60	3	5.25	720ISO412
0.75		M8x0.75	6	16	6	60	3	7.25	720ISO413
0.75		M10-M12x0.75	8	20	8	60	3	9.25	720ISO006
0.8	M5x0.8		4	10	4	50	3	4.2	720ISO007
1.0	M6x1.0		4.8	12	6	60	3	5.0	720ISO008
1.0		M8x1.0	6	16	6	60	3	7.0	720ISO009
1.0		M10x1.0	8	20	8	60	3	9.0	720ISO010
1.0		M12x1.0	10	22	10	75	4	11.0	720ISO011
1.0		M16x1.0	12	22	12	75	4	15.0	720ISO012
1.0		M20-M48x1.0	16	30	16	90	4	19.0	720ISO013
1.25	M8x1.25		6	16	6	57	3	6.75	720ISO014
1.25		M10x1.25	8	20	8	20	3	8.75	720ISO414
1.25		M12-M14x1.25	10	25	10	75	4	10.75	720ISO015
1.5	M10x1.5		8	20	8	60	3	8.5	720ISO016
1.5		M12-M20x1.5	10	28	10	75	4	10.5	720ISO017
1.5		M14-M24x1.5	12	28	12	75	4	12.5	720ISO018
1.5		M20-M48x1.5	16	30	16	90	4	18.5	720ISO019
1.75	M12x1.75		9.8	30	10	75	4	10.25	720ISO020
2	M14x2.0	M15-M16x2.0	10	30	10	75	4	12.0	720ISO021
2	M16x2.0	M17-M20x2.0	12	30	12	75	4	14.0	720ISO022
2		M20-M80x2.0	16	40	16	90	4	18.0	720ISO023
2.5	M18-M20x2.5		14	36	14	83	4	15.5	720ISO024
2.5	M20-M80x2.5		16	40	16	90	4	17.5	720ISO025
3	M24x3.0		16	42	16	90	4	21.0	720ISO026
3.5	M30x3.5		20	60	20	120	5	27.2	720ISO068

巴尔查斯涂层

The Balzers coating

0.3u超细微粒合金基体

0.3u micro grade carbide

应用：钢用适合于加工铸铁、不锈钢、钛合金、模具钢、淬火钢

Application：Steel suitable for processing cast iron, stainless steel, titanium alloy, mold steel, hardened steel.

F720 | 全牙铣牙刀

Full tooth milling tool

FONHAE 方瀚

60°牙尖，全牙型

Full tooth

锥度医疗骨架螺纹铣刀

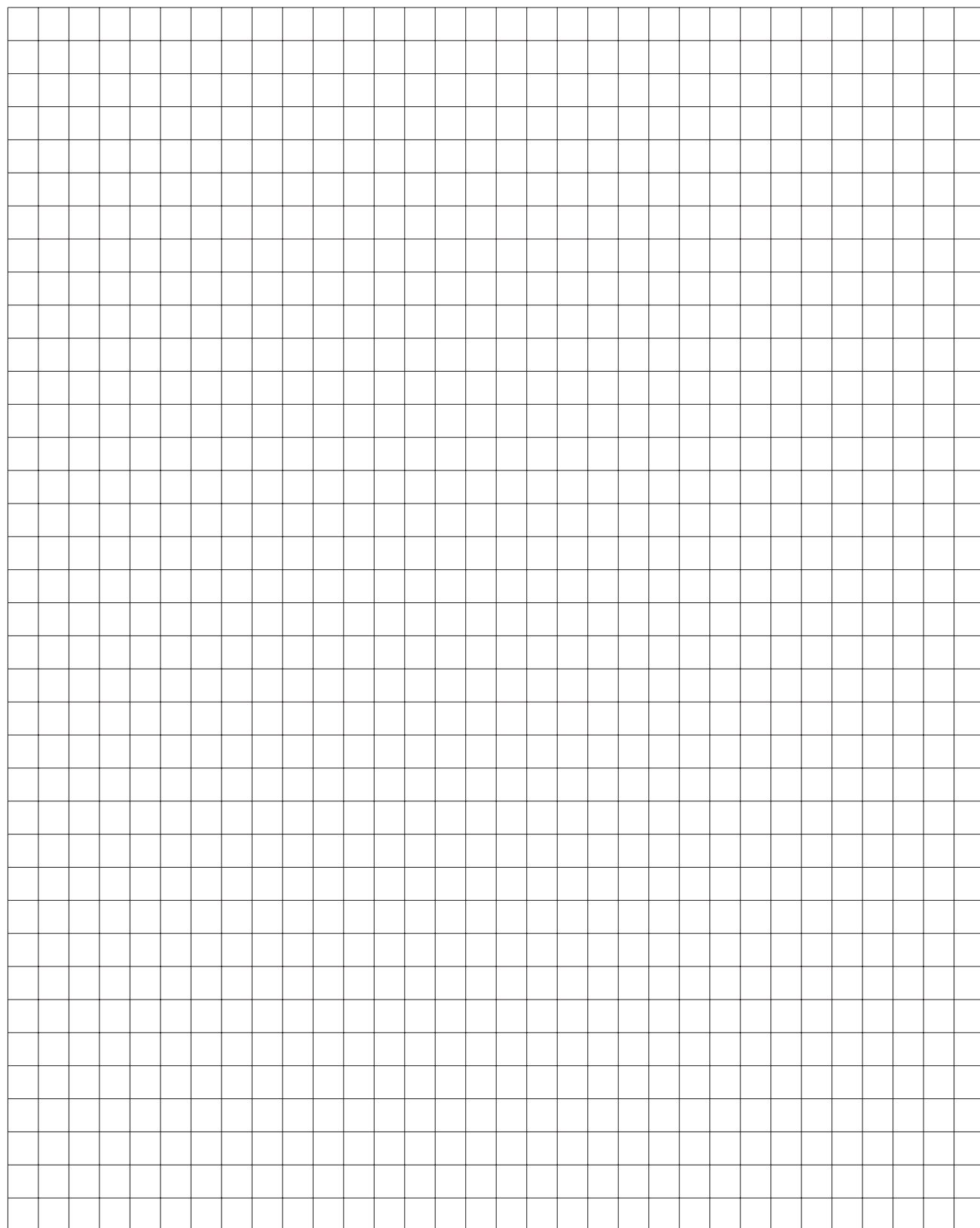
Taper medical skeleton thread milling tool

钛合金专用

Special for titanium alloy



螺距 Pitch P	刃径 Cutting edge diameter mm	刃长 Cutting edge length mm	柄径 Shank diameter mm	总长 Total length mm	切削刃 Cutting edge	钢用订货号 Order number for steel
0.3	1.5	7	6	50	3	YL001
0.4	2.0	11	6	50	3	YL002
0.5	2.0	11	6	50	3	YL003
0.6	3.0	14	8	60	3	YL004



应用技术是检验刀具性能的关键一步，设计制造的刀具是否可以满足客户要求，是否可以提升客户的加工效率，降低成本，都需要应用技术的支持。同样一把刀具，不同的加工参数和策略，结果可能会差异巨大。

如有任何需要请联系我们，期待与您合作！

Application technology is a key step to test tool performance. Whether the tool designed and manufactured can meet customer requirements, whether it can improve customer processing efficiency and reduce costs, all need the support of application technology. The same tool, different processing parameters and strategies, the results may be very different.

If you have any needs, please contact us and look forward to cooperating with you.