

宁波恒创工具有限公司

NINGBO HENGCHUANG TOOLS CO., LTD.



工厂简介

Factory Profile

我们专业设计、生产、销售丝攻、板牙、钻头、铣刀等切削刀刃工具，我公司拥有先进的生产设备、优秀的技术团队和专业的销售精英，从产品设计、制造、乃至售后服务，针对不同的客户需求，提供专业的螺纹整体解决方案。欢迎业内人士光临工厂考察和指导。

作为一家年轻的公司，我们将不断开拓创新，以技术为核心，视质量为生命，竭诚为业界服务，共同进步！





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SPIRAL FLUTED TAPS

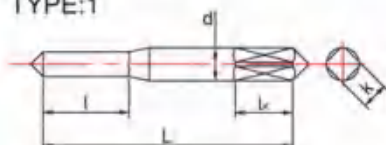
JIS 公制粗牙螺旋槽系列



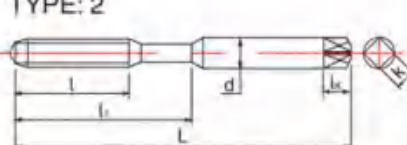
- 抗拉强度600-900N/MM²的高碳钢镍铬合金、合金工具、青铜、铸铁、等。
- 抗拉强度750N/MM²以下中低碳钢、铜、镁铝合金等。

通/盲孔
加工皆适

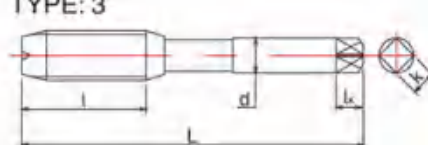
TYPE:1



TYPE: 2



TYPE: 3



T301 Taps Series

产品编号(code)	公制牙(M)		外型尺寸							Unit:mm	单 价
T301	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T301
00100250	M1	0.25	32	5.5		3.0	2.5	5	1	2	112.00
00110250	M1.1	0.25	32	5.5		3.0	2.5	5	1	2	112.00
00120250	M1.2	0.25	32	5.5		3.0	2.5	5	1	2	112.00
00140300	M1.4	0.30	36	8.0		3.0	2.5	5	1	2	102.00
00160350	M1.6	0.35	36	8.0		3.0	2.5	5	1	2	102.00
00170350	M1.7	0.35	36	8.0		3.0	2.5	5	1	2	102.00
00180350	M1.8	0.35	36	8.0		3.0	2.5	5	1	2	102.00
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	62.40
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	2	62.40
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	2	62.40
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	62.40
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	2	62.40
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	38.00
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	38.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	38.00
00450750	M4.5	0.75	55	13	21	5.0	4.0	7	2	3	38.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	38.00
00550900	M5.5	0.90	60	16	25	5.5	4.5	7	2	3	39.60
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	39.60
00601001	M6	1凹	62	19	28	6.0	4.5	7	3	3	39.60
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	3	58.00
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	58.00
00901250	M9	1.25	72	22		7.0	5.5	8	3	3	85.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	85.00

SPIRAL FLUTED TAPS

JIS 公制粗牙螺旋槽系列

T301 Taps Series

产品编号(code)	公 制 牙 (M)		外 型 尺 寸							Unit:mm	单 价
T301	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T301
01101500	M11	1.50	80	25		8.0	6.0	9	3	3	113.00
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	113.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	148.00
01502000	M15	2.00	90	30		10.5	8.0	11	3	3	190.00
01602000	M16	2.00	95	32		12.5	10	13	3	3	190.00
01802500	M18	2.50	100	37		14.0	11	14	3	4	258.00
02002500	M20	2.50	105	37		15.0	12	15	3	4	349.00
02202500	M22	2.50	115	38		17.0	13	16	3	4	468.00
02403000	M24	3.00	120	45		19.0	15	18	3	4	593.00
02603000	M26	3.00	125	45		20.0	15	18	3	4	772.00
02703000	M27	3.00	130	45		20.0	15	18	3	4	772.00
03003500	M30	3.50	135	48		23.0	17	20	3	4	880.00
03303500	M33	3.50	145	51		25.0	19	22	3	4	1118.00
03604000	M36	4.00	155	57		28.0	21	24	3	4	1182.00
03904000	M39	4.00	165	60		30.0	23	26	3	4	1644.00
04204500	M42	4.50	175	60		32.0	26	30	3	4	2165.00
04504500	M45	4.50	180	67		35.0	26	30	3	4	2402.00
04805000	M48	5.00	185	67		38.0	29	32	3	4	2850.00

螺旋丝攻说明:

螺旋槽丝攻比较适合加工不通孔螺纹，加工时切屑向后排屑。由于螺旋角的原因，丝攻实际切削前角会随螺旋角增大而加大。经验告诉我们：加工黑色金属的，螺旋角选的小一点，一般在30度左右，保证螺旋齿的强度。加工有色金属的，螺旋角选的大一点，可在45度左右，切削锋利一些。

螺旋丝攻与一般手用丝攻不同的是，普通的手用丝攻沟槽成直线型，而螺旋丝攻成螺旋型。螺旋丝攻在攻牙时，以其螺旋槽的上升旋转作用，能轻易的把铁屑排出孔外，以免铁屑残留或堵塞于沟槽内，而造成螺锥断刃部崩裂，因此能增长丝攻的寿命与切削出最高精度的螺纹。螺旋丝攻适用于切削高韧性的材料，针对不同被加工材料，选用不同螺旋角。

SPIRAL FLUTED TAPS

JIS 公制细牙螺旋槽系列

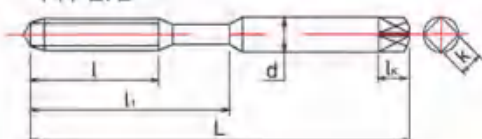


- 抗拉强度600-900N/MM²的高碳钢镍铬合金、合金工具、青铜、铸铁、等。
- 抗拉强度750N/MM²以下中低碳钢、铜、镁铝合金等。

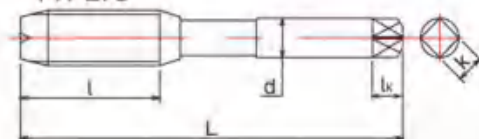
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



T302 Taps Series

产品编号(code)	公制牙(MF)		外型尺寸							Unit:mm	单 价
T302	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T302
00200250	M2	0.25	42	7.0	15	3.0	2.5	5	2	2	70.00
00230250	M2.3	0.25	42	7.0	15	3.0	2.5	5	2	2	70.00
00250350	M2.5	0.35	44	8.0	16	3.0	2.5	5	2	2	70.00
00260350	M2.6	0.35	44	8.0	16	3.0	2.5	5	2	2	70.00
00300600	M3	0.60	46	11	18	4.0	3.2	6	2	3	43.40
00300350	M3	0.35	46	9.5	18	4.0	3.2	6	2	3	43.40
00350350	M3.5	0.35	48	9.5	20	4.0	3.2	6	2	3	38.00
00400750	M4	0.75	52	13	21	5.0	4.0	7	2	3	43.40
00400500	M4	0.50	52	13	21	5.0	4.0	7	2	3	43.40
00450500	M4.5	0.50	55	13	21	5.0	4.0	7	2	3	43.40
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3	43.40
00500750	M5	0.75	60	16	25	5.5	4.5	7	2	3	43.40
00600750	M6	0.75	62	19	30	6.0	4.5	7	2	3	46.50
00600500	M6	0.50	55	13	25	6.0	4.5	7	2	3	46.50
00700750	M7	0.75	65	19	30	6.2	5.0	8	3	3	58.40
00700500	M7	0.50	55	13	25	6.2	5.0	8	3	3	58.40
00801000	M8	1.00	70	22		6.2	5.0	8	3	3	63.00
00800750	M8	0.75	70	22		6.2	5.0	8	3	3	63.00
00901000	M9	1.00	72	22		7.0	5.5	8	3	3	93.00
00900750	M9	0.75	72	22		7.0	5.5	8	3	3	93.00
00900500	M9	0.50	72	22		7.0	5.5	8	3	3	93.00
01001250	M10	1.25	75	24		7.0	5.5	8	3	3	88.00
01001000	M10	1.00	75	24		7.0	5.5	8	3	3	93.00
01000750	M10	0.75	75	22		7.0	5.5	8	3	3	93.00

SPIRAL FLUTED TAPS

JIS 公制细牙螺旋槽系列

T302 Taps Series

产品编号(code)	公 制 牙(MF)		外 型 尺 寸							Unit:mm	单 价
T302	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T302
01000500	M10	0.50	75	22		7.0	5.5	8	3	3	93.00
01101250	M11	1.25	80	25		8.0	6.0	9	3	3	133.00
01101000	M11	1.00	80	25		8.0	6.0	9	3	3	133.00
01100750	M11	0.75	75	22		8.0	6.0	9	3	3	133.00
01201500	M12	1.50	82	29		8.5	6.5	9	3	3	125.00
01201250	M12	1.25	82	29		8.5	6.5	9	3	3	125.00
01200750	M12	0.75	75	22		8.5	6.5	9	3	3	133.00
01200500	M12	0.50	75	22		8.5	6.5	9	3	3	133.00
01301750	M13	1.75	85	29		9.5	7.0	10	3	3	165.00
01301500	M13	1.50	85	29		9.5	7.0	10	3	3	165.00
01401500	M14	1.50	88	30		10.5	8.0	11	3	3	148.00
01401250	M14	1.25	88	30		10.5	8.0	11	3	3	165.00
01401000	M14	1.00	88	30		10.5	8.0	11	3	3	165.00
01501500	M15	1.50	90	30		10.5	8.0	11	3	3	192.00
01501000	M15	1.00	90	30		10.5	8.0	11	3	3	210.00
01601500	M16	1.50	95	32		12.5	10	13	3	3	189.00
01601000	M16	1.00	95	32		12.5	10	13	3	3	210.00
01701500	M17	1.50	95	32		13.0	10	13	3	4	258.00
01701000	M17	1.00	95	32		13.0	10	13	3	4	286.00
01802000	M18	2.00	100	37		14.0	11	14	3	4	286.00
01801500	M18	1.50	100	37		14.0	11	14	3	4	286.00
01801250	M18	1.25	95	30		14.0	11	14	3	4	286.00
01801000	M18	1.00	95	30		14.0	11	14	3	4	286.00
01901500	M19	1.50	105	37		14.0	11	14	3	4	390.00
01901000	M19	1.00	95	30		14.0	11	14	3	4	390.00
02002000	M20	2.00	105	37		15.0	12	15	3	4	390.00
02001500	M20	1.50	105	37		15.0	12	15	3	4	390.00
02202000	M22	2.00	115	38		17.0	13	16	3	4	562.00
02201500	M22	1.50	115	38		17.0	13	16	3	4	562.00
02201000	M22	1.00	95	30		17.0	13	16	3	4	593.00
02301500	M23	1.50	115	38		18.0	14	17	3	4	593.00
02402000	M24	2.00	120	45		19.0	15	18	3	4	593.00
02401500	M24	1.50	120	45		19.0	15	18	3	4	593.00
02502000	M25	2.00	125	45		19.0	15	18	3	4	656.00
02501500	M25	1.50	125	45		19.0	15	18	3	4	656.00
02602000	M26	2.00	125	45		20.0	15	18	3	4	723.00
02601500	M26	1.50	125	45		20.0	15	18	3	4	723.00
02702000	M27	2.00	130	45		20.0	15	18	3	4	748.00

SPIRAL FLUTED TAPS

JIS 公制细牙螺旋槽系列

T302 Taps Series

产品编号(code)	公 制 牙(MF)		外 型 尺 寸							Unit:mm	单 价
T302	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T302
02701500	M27	1.50	130	45		20	15	18	3	4	810.00
02802000	M28	2.00	130	45		21	17	20	3	4	843.00
02801500	M28	1.50	130	45		21	17	20	3	4	843.00
03003000	M30	3.00	135	48		23	17	20	3	4	880.00
03002000	M30	2.00	135	45		23	17	20	3	4	880.00
03203000	M32	3.00	145	51		24	19	22	3	4	1118.00
03202000	M32	2.00	135	45		24	19	22	3	4	1245.00
03301500	M33	1.50	135	45		25	19	22	3	4	1245.00
03301000	M33	1.00	110	30		25	19	22	3	4	1245.00
03303000	M33	3.00	145	51		25	19	22	3	4	1245.00
03302000	M33	2.00	135	45		25	19	22	3	4	1245.00
03403000	M34	3.00	145	51		26	21	24	3	4	1248.00
03402000	M34	2.00	135	45		26	21	24	3	4	1248.00
03401500	M34	1.50	135	45		26	21	24	3	4	1248.00
03401000	M34	1.00	110	30		26	21	24	3	4	1290.00
03503000	M35	3.00	155	57		26	21	24	3	4	1290.00
03502000	M35	2.00	135	45		26	21	24	3	4	1290.00
03501500	M35	1.50	135	45		26	21	24	3	4	1290.00
03603000	M36	3.00	155	57		28	21	24	3	4	1290.00
03602000	M36	2.00	135	45		28	21	24	3	4	1290.00
03601500	M36	1.50	135	45		28	21	24	3	4	1290.00
03903000	M39	3.00	165	60		30	23	26	3	4	1644.80
03902000	M39	2.00	135	45		30	23	26	3	4	1644.80
03901500	M39	1.50	135	45		30	23	26	3	4	1644.80
04003000	M40	3.00	165	60		30	23	26	3	4	1925.00
04002000	M40	2.00	135	45		30	23	26	3	4	1925.00
04001500	M40	1.50	135	45		30	23	26	3	4	2021.00
04203000	M42	3.00	175	60		32	26	30	3	4	2165.00
04202000	M42	2.00	135	45		32	26	30	3	4	2273.30
04201500	M42	1.50	135	45		32	26	30	3	4	2381.50
04503000	M45	3.00	180	67		35	26	30	3	4	2402.00
04502000	M45	2.00	140	45		35	26	30	3	4	2402.00
04501500	M45	1.50	140	45		35	26	30	3	4	2521.00
04804000	M48	4.00	185	67		38	29	32	3	4	2850.00
04803000	M48	3.00	185	67		38	29	32	3	4	2850.00
04802000	M48	2.00	140	45		38	29	32	3	4	2850.00
04801500	M48	1.50	140	45		38	29	32	3	4	2993.00

SPIRAL FLUTED TAPS

JIS 美制粗牙螺旋槽系列

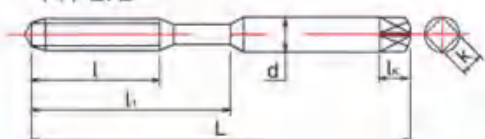


- 抗拉强度600-900N/MM²的高碳钢镍铬合金、合金工具、青铜、铸铁、等。
- 抗拉强度750N/MM²以下中低碳钢、铜、镁铝合金等。

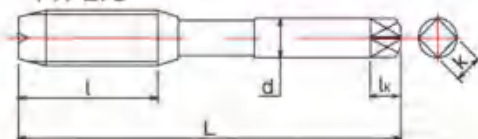
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



T303 Taps Series

产品编号(code)	美制牙(UNC)	外型尺寸									Unit:mm	单 价
T303	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes		T303
00002560	No.2-56UNC	2.184	42	9.5	15	3.0	2.5	5	2	2		70.00
00003480	No.3-48UNC	2.515	44	9.5	16	3.0	2.5	5	2	2		70.00
00004400	No.4-40UNC	2.845	44	9.5	16	3.0	2.5	5	2	2		41.40
00005400	No.5-40UNC	3.175	46	11	18	4.0	3.2	6	2	3		41.40
00006320	No.6-32UNC	3.505	48	13	20	4.0	3.2	6	2	3		41.40
00008320	No.8-32UNC	4.166	52	13	21	5.0	4.0	7	2	3		41.40
00010240	No.10-24UNC	4.826	60	16	25	5.5	4.5	7	2	3		41.40
00012240	No.12-24UNC	5.486	60	16	25	5.5	4.5	7	2	3		43.40
00104200	1/4-20UNC	6.350	62	19	30	6.0	4.5	7	3	3		43.40
00516180	5/16-18UNC	7.938	70	22		6.1	5.0	8	3	3		63.90
00308160	3/8-16UNC	9.525	75	24		7.0	5.5	8	3	3		92.00
00716140	7/16-14UNC	11.112	80	25		8.0	6.0	9	3	3		112.00
00102130	1/2-13UNC	12.700	85	29		9.0	7.0	10	3	3		125.00
00916120	9/16-12UNC	14.288	90	30		10.5	8.0	11	3	3		158.00
00508110	5/8-11UNC	15.875	95	32		12.0	9.0	12	3	3		205.00
00304100	3/4-10UNC	19.050	105	37		14.0	11	14	3	4		384.00
00708090	7/8-9UNC	22.225	115	38		17.0	13	16	3	4		515.00
10000080	1-8UNC	25.400	125	45		20.0	15	18	3	4		655.00
10108070	1 1/8-7UNC	28.575	135	48		22.0	17	20	3	4		880.00
10104070	1 1/4-7UNC	31.750	145	51		24.0	19	22	3	4		1118.00
10308060	1 3/8-6UNC	34.925	155	57		26.0	21	24	3	4		1290.00
10102060	1 1/2-6UNC	38.100	160	60		30.0	23	26	3	4		1989.00
10304050	1 3/4-5UNC	44.450	175	67		35.0	26	30	3	4		2850.00
20000045	2-4 1/2UNC	50.800	195	70		40.0	32	35	3	4		2976.00

SPIRAL FLUTED TAPS

JIS 美制细牙螺旋槽系列

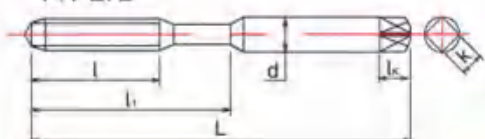


- 抗拉强度600-900N/MM² 的高碳钢镍铬合金、合金工具、青钢、铸铁、等。
- 抗拉强度750N/MM² 以下中低碳钢、铜、镁铝合金等。

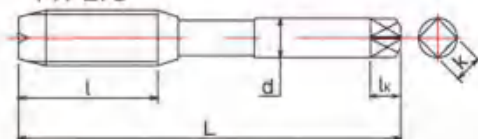
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



T304 Taps Series

产品编号(code)	美制牙(UNF)	外型尺寸								Unit:mm	单 价
T304	Size	Nominal Dia.	L	l	l ₁	d	k	l _k	Type	Flutes	T304
00002640	No.2-64UNF	2.184	42	9.5	15	3.0	2.5	5	2	2	70.00
00003560	No.3-56UNF	2.515	44	9.5	16	3.0	2.5	5	2	2	70.00
00004480	No.4-48UNF	2.845	44	9.5	16	3.0	2.5	5	2	2	41.40
00005440	No.5-44UNF	3.175	46	11	18	4.0	3.2	6	2	3	41.40
00006400	No.6-40UNF	3.505	48	13	20	4.0	3.2	6	2	3	41.40
00008360	No.8-36UNF	4.166	52	13	21	5.0	4.0	7	2	3	41.40
00010320	No.10-32UNF	4.826	60	16	25	5.5	4.5	7	2	3	41.40
00012280	No.12-28UNF	5.486	60	16	25	5.5	4.5	7	2	3	43.40
00104280	1/4-28UNF	6.350	62	19	30	6.0	4.5	7	3	3	43.40
00104320	1/4-32UNEF	6.350	62	19	30	6.0	4.5	7	3	3	43.40
00516240	5/16-24UNF	7.938	70	22		6.1	5.0	8	3	3	63.90
00516320	5/16-32UNEF	7.938	70	22		6.1	5.0	8	3	3	63.90
00308240	3/8-24UNF	9.525	75	24		7.0	5.5	8	3	3	92.00
00308320	3/8-32UNEF	9.525	75	22		7.0	5.5	8	3	3	92.00
00716200	7/16-20UNF	11.112	80	25		8.0	6.0	9	3	3	112.00
00716280	7/16-28UNEF	11.112	80	25		8.0	6.0	9	3	3	112.00
00102200	1/2-20UNF	12.700	85	29		9.0	7.0	10	3	3	125.00
00102280	1/2-28UNEF	12.700	85	29		9.0	7.0	10	3	3	125.00
00916180	9/16-18UNF	14.288	90	30		10.5	8.0	11	3	3	159.00
00916240	9/16-24UNEF	14.288	90	30		10.5	8.0	11	3	3	159.00
00508180	5/8-18UNF	15.875	95	32		12.0	9.0	12	3	3	205.00
00508240	5/8-24UNEF	15.875	95	32		12.0	9.0	12	3	3	205.00

SPIRAL FLUTED TAPS

JIS 英制粗牙螺旋槽系列

BSW

JIS

35°

HSS-Co

6H

55°

切刃牙
2.5

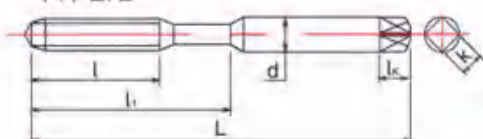


- 抗拉强度600-900N/MM²的高碳钢镍铬合金、合金工具、青钢、铸铁、等。
- 抗拉强度750N/MM²以下中低碳钢、铜、镁铝合金等。

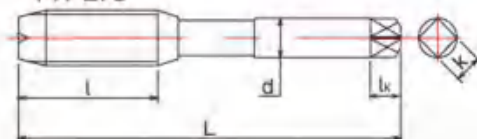
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



T305 Taps Series

产品编号(code)	英制牙(BSW)		外型尺寸								Unit:mm	单 价
T305	Size	Basic Major Dia.	L	l	li	d	k	lk	Type	Flutes		T305
00108400	1/8 W40	3.175	46	11	18	4.0	3.2	6	2	3		41.40
00532320	5/32 W32	3.969	52	13	21	5.0	4.0	7	2	3		41.40
00316240	3/16 W24	4.762	60	16	25	5.5	4.5	7	2	3		41.40
00732240	7/32 W24	5.556	60	16	25	5.5	4.5	7	2	3		41.40
00104200	1/4 W20	6.350	62	19	30	6.0	4.5	7	3	3		46.00
00516180	5/16 W18	7.938	70	22		6.1	5.0	8	3	3		63.90
00308160	3/8 W16	9.525	75	24		7.0	5.5	8	3	3		92.00
00716140	7/16 W14	11.112	80	25		8.0	6.0	9	3	3		110.00
00102120	1/2 W12	12.700	85	29		9.0	7.0	10	3	3		125.00
00916120	9/16 W12	14.288	90	30		10.5	8.0	11	3	3		159.00
00508110	5/8 W11	15.875	95	32		12.0	9.0	12	3	3		205.00
00304100	3/4 W10	19.050	105	37		14.0	11	14	3	4		385.00
00708090	7/8 W9	22.225	115	38		17.0	13	16	3	4		515.00
10000080	1 W8	25.400	125	45		20.0	15	18	3	4		655.00
10108070	1 1/8 W7	28.575	135	48		22.0	17	20	3	4		880.00
10104070	1 1/4 W7	31.750	145	51		24.0	19	22	3	4		1116.50
10308060	1 3/8 W6	34.925	155	57		26.0	21	24	3	4		1289.00
10102060	1 1/2 W6	38.100	165	60		30.0	23	26	3	4		1990.00
10508050	1 5/8 W5	41.275	170	60		32.0	26	30	3	4		2090.00
10304050	1 3/4 W5	44.450	175	67		35.0	26	30	3	4		2850.00
10708045	1 7/8 W4 1/2	47.625	185	67		38.0	29	32	3	4		2880.00
20000045	2 W4 1/2	50.800	195	70		40.0	32	35	3	4		2976.00

GUN-NOSE TAPS

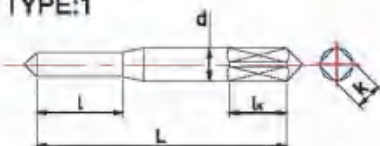
JIS 公制粗牙先端系列



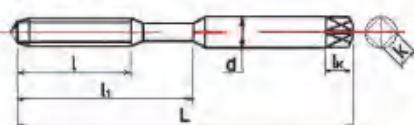
- 适用被切削材料：不锈钢、碳钢、合金钢、非铁金属。
- 抗拉强度750N/MM²以下中低碳钢、铜、铝镁合金等。

通孔加工

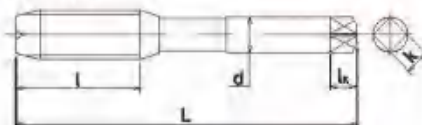
TYPE:1



TYPE:2



TYPE:3



T401 Taps Series

产品编号(code)	公制牙(M)		外型尺寸							Unit:mm	单价
T401	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T401
00100250	M1	0.25	32	5.5		3.0	2.5	5	1	2	112.00
00110250	M1.1	0.25	32	5.5		3.0	2.5	5	1	2	112.00
00120250	M1.2	0.25	32	5.5		3.0	2.5	5	1	2	112.00
00140300	M1.4	0.30	36	8.0		3.0	2.5	5	1	2	102.00
00160350	M1.6	0.35	36	8.0		3.0	2.5	5	1	2	102.00
00170350	M1.7	0.35	36	8.0		3.0	2.5	5	1	2	102.00
00180350	M1.8	0.35	36	8.0		3.0	2.5	5	1	2	102.00
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	3	62.40
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	3	62.40
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	3	62.40
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	3	62.40
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	3	62.40
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	36.00
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	36.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	36.00
00450750	M4.5	0.75	52	13	21	5.0	4.0	7	2	3	36.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	36.00
00550900	M5.5	0.90	60	16	25	5.5	4.5	7	2	3	37.50
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	37.50
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	3	50.80
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	54.80
00901250	M9	1.25	72	22		7.0	5.5	8	3	3	79.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	79.20
01101500	M11	1.50	80	25		8.0	6.0	9	3	3	107.00

GUN-NOSE TAPS

JIS 公制粗牙先端系列

T401 Taps Series

产品编号(code)	公制牙(M)		外型尺寸							Unit:mm	单 价
T401	Size	Pitch	L	l	l _k	d	k	l _k	Type	Flutes	T401
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	107.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	138.60
01502000	M15	2.00	90	30		10.5	8.0	11	3	3	179.00
01602000	M16	2.00	95	32		12.5	10	13	3	3	179.00
01702000	M17	2.00	95	32		13.0	10	13	3	3	243.00
01802500	M18	2.50	100	37		14.0	11	14	3	3	243.00
02002500	M20	2.50	105	37		15.0	12	15	3	3	331.00
02202500	M22	2.50	115	38		17.0	13	16	3	3	442.00
02403000	M24	3.00	120	45		19.0	15	18	3	3	561.50
02603000	M26	3.00	125	45		20.0	15	18	3	4	685.00
02703000	M27	3.00	130	45		20.0	15	18	3	4	685.00
03003500	M30	3.50	135	48		23.0	17	20	3	4	837.00
03303500	M33	3.50	145	51		25.0	19	22	3	4	1063.50
03604000	M36	4.00	155	57		28.0	21	24	3	4	1124.50
03904000	M39	4.00	165	60		30.0	23	26	3	4	1566.00
04204500	M42	4.50	175	60		32.0	26	30	3	4	1833.00

美制番数牙之外径换算速见表

番 数	No.0	No.1	No.2	No.3	No.4	No.5	No.6	No.8	No.10	No.12
吋	0.06	0.073	0.086	0.099	0.112	0.125	0.138	0.164	0.19	0.216
mm	1.524	1.854	2.184	2.515	2.845	3.175	3.505	4.166	4.826	5.486

英制番数牙之外径换算速见表

英 制	1/8	5/32	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1
喱 語	1分	1分2厘	1分半	2分	2分半	3分	3分半	4分	4分半	5分	5分半	6分	7分	8分
mm	3.175	3.9687	4.763	6.35	7.938	9.525	11.11	12.7	14.29	15.88	17.46	19.05	22.23	25.4

先端丝攻说明:

先端丝攻加工螺纹时切屑向前排出。它的芯部尺寸设计比较大,强度较好,可承受较大的切削力。加工有色金属、不锈钢、黑色金属效果都很好,通孔螺纹应优先采用先端丝攻。

先端丝攻具有与一般用手丝攻相同的直线沟槽,但在其切削部前端有经过特殊设计的螺旋沟槽,借以旋转推送切屑从孔的下方排出。

由于先端丝攻具有此旋转排出切屑的功能,除可保持沟槽的清洁以减少切削时的抗力外,并能避免因切削堵塞而造成丝攻的损害。因此先端丝攻可采用比一般的手丝攻更快的速度来切削高精度螺纹。

GUN-NOSE TAPS

JIS 公制细牙先端系列

MF

JIS

Spiral
point
先端

HSS-Co

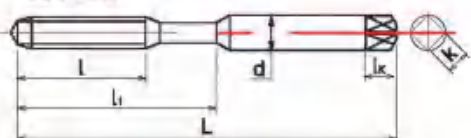
6H

60°

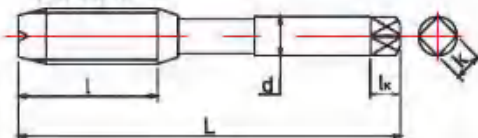
切刃牙
S



TYPE: 2



TYPE: 3



- 适用被切削材料：碳钢、合金钢、非铁金属。
- 抗拉强度750N/MM² 以下中低碳钢、铜、镁铝合金等。

通孔加工

T402 Taps Series

产品编号(code)	公制牙(MF)		外型尺寸								Unit:mm	单 价
T402	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T402
00200250	M2	0.25	42	7.0	15	3.0	2.5	5	2	3		70.00
00220250	M2.2	0.25	42	7.0	15	3.0	2.5	5	2	3		70.00
00250350	M2.5	0.35	44	8.0	16	3.0	2.5	5	2	3		66.00
00260350	M2.6	0.35	44	8.0	16	3.0	2.5	5	2	3		66.00
00300600	M3	0.60	46	11	18	4.0	3.2	6	2	3		41.00
00300350	M3	0.35	46	9.5	18	4.0	3.2	6	2	3		41.00
00350350	M3.5	0.35	48	9.5	20	4.0	3.2	6	2	3		36.00
00400750	M4	0.75	52	13	21	5.0	4.0	7	2	3		41.00
00400500	M4	0.50	52	13	21	5.0	4.0	7	2	3		41.00
00450500	M4.5	0.50	55	13	21	5.0	4.0	7	2	3		41.00
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3		41.00
00550750	M5.5	0.75	60	16	25	5.5	4.5	7	2	3		41.00
00600750	M6	0.75	62	19	30	6.0	4.5	7	3	3		44.00
00600500	M6	0.50	55	13	25	6.0	4.5	7	3	3		44.00
00700750	M7	0.75	65	19	30	6.2	5.0	8	3	3		55.00
00700500	M7	0.50	55	13	25	6.2	5.0	8	3	3		55.00
00801000	M8	1.00	70	22		6.2	5.0	8	3	3		60.00
00800750	M8	0.75	70	22		6.2	5.0	8	3	3		55.00
00901000	M9	1.00	72	22		7.0	5.5	8	3	3		88.00
00900750	M9	0.75	72	22		7.0	5.5	8	3	3		88.00
00900500	M9	0.50	72	22		7.0	5.5	8	3	3		88.00
01001250	M10	1.25	75	24		7.0	5.5	8	3	3		88.00
01001000	M10	1.00	75	24		7.0	5.5	8	3	3		97.50
01000750	M10	0.75	75	22		7.0	5.5	8	3	3		101.00

GUN-NOSE TAPS

JIS 公制细牙先端系列

T402 Taps Series

产品编号(code)	公制牙(MF)		外型尺寸							Unit:mm	单 价
T402	Size	Pitch	L	l	l _k	d	k	l _k	Type	Flutes	T402
01000500	M10	0.50	75	22		7.0	5.5	8	3	3	101.00
01101250	M11	1.25	80	25		8.0	6.0	9	3	3	125.50
01101000	M11	1.00	80	25		8.0	6.0	9	3	3	125.50
01100750	M11	0.75	75	22		8.0	6.0	9	3	3	135.60
01201500	M12	1.50	82	29		8.5	6.5	9	3	3	118.00
01201250	M12	1.25	82	29		8.5	6.5	9	3	3	118.00
01200750	M12	0.75	75	22		8.5	6.5	9	3	3	135.80
01200500	M12	0.50	75	22		8.5	6.5	9	3	3	149.50
01301750	M13	1.75	85	29		9.5	7.0	10	3	3	154.80
01301500	M13	1.50	85	29		9.5	7.0	10	3	3	154.80
01401500	M14	1.50	88	30		10.5	8.0	11	3	3	139.50
01401250	M14	1.25	88	30		10.5	8.0	11	3	3	146.20
01401000	M14	1.00	88	30		10.5	8.0	11	3	3	146.20
01501500	M15	1.50	90	30		10.5	8.0	11	3	3	200.50
01501000	M15	1.00	90	30		10.5	8.0	11	3	3	200.50
01601500	M16	1.50	95	32		12.5	10	13	3	3	179.00
01601000	M16	1.00	95	32		12.5	10	13	3	3	200.50
01701500	M17	1.50	95	32		13.0	10	13	3	3	217.80
01701000	M17	1.00	95	32		13.0	10	13	3	3	244.50
01802000	M18	2.00	100	37		14.0	11	14	3	3	244.50
01801500	M18	1.50	100	37		14.0	11	14	3	3	244.50
01801250	M18	1.25	95	30		14.0	11	14	3	3	257.50
01801000	M18	1.00	95	30		14.0	11	14	3	3	257.50
01901500	M19	1.50	105	37		14.0	11	14	3	3	371.80
01901000	M19	1.00	95	30		14.0	11	14	3	3	371.80
02002000	M20	2.00	105	37		15.0	12	15	3	3	371.80
02001500	M20	1.50	105	37		15.0	12	15	3	3	371.80
02202000	M22	2.00	115	38		17.0	13	16	3	3	535.50
02201500	M22	1.50	115	38		17.0	13	16	3	3	535.50
02201000	M22	1.00	95	30		17.0	13	16	3	3	561.50
02301500	M23	1.50	115	38		18.0	14	17	3	3	561.50
02402000	M24	2.00	120	45		19.0	15	18	3	3	561.50
02401500	M24	1.50	120	45		19.0	15	18	3	3	561.50
02502000	M25	2.00	125	45		19.0	15	18	3	3	624.00
02501500	M25	1.50	125	45		19.0	15	18	3	3	624.00
02602000	M26	2.00	125	45		20.0	15	18	3	4	687.80
02601500	M26	1.50	125	45		20.0	15	18	3	4	687.80
02702000	M27	2.00	130	45		20.0	15	18	3	4	712.50

GUN-NOSE TAPS

JIS 公制细牙先端系列

T402 Taps Series

产品编号(code)	公 制 牙(MF)		外 型 尺 寸							Unit:mm	单 价
T402	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T402
02701500	M27	1.50	130	45		20	15	18	3	4	712.50
02802000	M28	2.00	130	45		21	17	20	3	4	803.00
02801500	M28	1.50	130	45		21	17	20	3	4	803.00
03003000	M30	3.00	135	48		23	17	20	3	4	838.00
03002000	M30	2.00	135	45		23	17	20	3	4	838.00
03203000	M32	3.00	145	51		24	19	22	3	4	1123.00
03202000	M32	2.00	135	45		24	19	22	3	4	1123.00
03301500	M33	1.50	135	45		25	19	22	3	4	1123.00
03301000	M33	1.00	110	30		25	19	22	3	4	1123.00
03303000	M33	3.00	145	51		25	19	22	3	4	1123.00
03302000	M33	2.00	135	45		25	19	22	3	4	1123.00
03403000	M34	3.00	145	51		26	21	24	3	4	1180.00
03402000	M34	2.00	135	45		26	21	24	3	4	1180.00
03401500	M34	1.50	135	45		26	21	24	3	4	1180.00
03401000	M34	1.00	110	30		26	21	24	3	4	1180.00
03503000	M35	3.00	155	57		26	21	24	3	4	1180.00
03502000	M35	2.00	135	45		26	21	24	3	4	1180.00
03501500	M35	1.50	135	45		26	21	24	3	4	1180.00
03603000	M36	3.00	155	57		28	21	24	3	4	1180.00
03602000	M36	2.00	135	45		28	21	24	3	4	1180.00
03601500	M36	1.50	135	45		28	21	24	3	4	1180.00
03903000	M39	3.00	165	60		30	23	26	3	4	1566.00
03902000	M39	2.00	135	45		30	23	26	3	4	1566.00
03901500	M39	1.50	135	45		30	23	26	3	4	1566.00
04003000	M40	3.00	165	60		30	23	26	3	4	1833.00
04002000	M40	2.00	135	45		30	23	26	3	4	1833.00
04001500	M40	1.50	135	45		30	23	26	3	4	1925.00
04203000	M42	3.00	175	60		32	26	30	3	4	1925.00
04202000	M42	2.00	135	45		32	26	30	3	4	1925.00
04201500	M42	1.50	135	45		32	26	30	3	4	2021.00
04503000	M45	3.00	180	67		35	26	30	3	4	2401.00
04502000	M45	2.00	140	45		35	26	30	3	4	2401.00
04501500	M45	1.50	140	45		35	26	30	3	4	2521.00
04804000	M48	4.00	185	67		38	29	32	3	4	2715.00
04803000	M48	3.00	185	67		38	29	32	3	4	2715.00
04802000	M48	2.00	140	45		38	29	32	3	4	2715.00
04801500	M48	1.50	140	45		38	29	32	3	4	2850.00

GUN-NOSE TAPS

JIS 美制粗牙先端系列

UNC

JIS

Spiral
point
先端

HSS-Co

6H

60°

切削牙
S

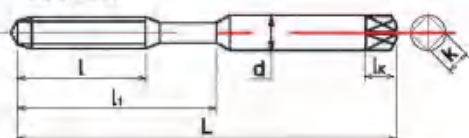


适用被切削材料：不锈钢、碳钢、合金钢、非铁金属。

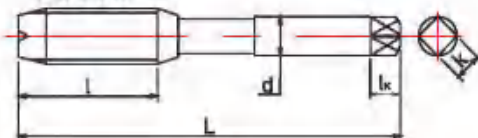
抗拉强度750N/MM²以下中低碳钢、铜、铝镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T403 Taps Series

产品编号(code)	美制牙(UNC)	外型尺寸								Unit:mm	单 价
T403	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T403
00002560	No.2-56UNC	2.184	42	9.5	15	3.0	2.5	5	2	2	70.00
00003480	No.3-48UNC	2.515	44	9.5	16	3.0	2.5	5	2	2	70.00
00004400	No.4-40UNC	2.845	44	9.5	16	3.0	2.5	5	2	2	39.00
00005400	No.5-40UNC	3.175	46	11	18	4.0	3.2	6	2	3	39.00
00006320	No.6-32UNC	3.505	48	13	20	4.0	3.2	6	2	3	39.00
00008320	No.8-32UNC	4.166	52	13	21	5.0	4.0	7	2	3	39.00
00010240	No.10-24UNC	4.826	60	16	25	5.5	4.5	7	2	3	39.00
00012240	No.12-24UNC	5.486	60	16	25	5.5	4.5	7	2	3	41.00
00104200	1/4-20UNC	6.350	62	19	30	6.0	4.5	7	3	3	41.00
00516180	5/16-18UNC	7.938	70	22		6.1	5.0	8	3	3	60.80
00308160	3/8-16UNC	9.525	75	24		7.0	5.5	8	3	3	87.50
00716140	7/16-14UNC	11.112	80	25		8.0	6.0	9	3	3	105.60
00102130	1/2-13UNC	12.700	85	29		9.0	7.0	10	3	3	118.50
00916120	9/16-12UNC	14.288	90	30		10.5	8.0	11	3	3	151.50
00508110	5/8-11UNC	15.875	95	32		12.0	9.0	12	3	3	195.00
00304100	3/4-10UNC	19.050	105	37		14.0	11	14	3	3	365.80
00708090	7/8-9UNC	22.225	115	38		17.0	13	16	3	3	492.50
10000080	1-8UNC	25.400	125	45		20.0	15	18	3	3	624.00
10108070	1 1/8-7UNC	28.575	135	48		22.0	17	20	3	4	837.20
10104070	1 1/4-7UNC	31.750	145	51		24.0	19	22	3	4	1063.40
10308060	1 3/8-6UNC	34.925	155	57		26.0	21	24	3	4	1228.00
10102060	1 1/2-6UNC	38.100	160	60		30.0	23	26	3	4	1895.00
10304050	1 3/4-5UNC	44.450	175	67		35.0	26	30	3	4	2715.00

GUN-NOSE TAPS

JIS 美制细牙先端系列

UNF

JIS

Spiral
point
先端

HSS-Co

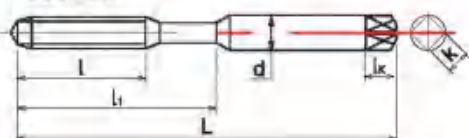
6H

60°

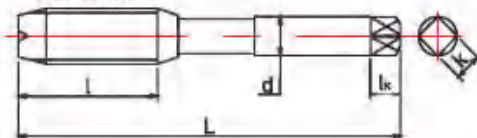
切刃牙
S



TYPE: 2



TYPE: 3



适用被切削材料：不锈钢、碳钢、合金钢、非铁金属。

抗拉强度750N/MM²以下中低碳钢、铜、镁铝合金等。

通孔加工

T404 Taps Series

产品编号(code)	美制牙(UNC)	外型尺寸									Unit:mm	单 价
T404	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes		T404
00002640	No.2-64UNF	2.184	42	9.5	15	3.0	2.5	5	2	2		70.00
00003560	No.3-56UNF	2.515	44	9.5	16	3.0	2.5	5	2	2		70.00
00004480	No.4-48UNF	2.845	44	9.5	16	3.0	2.5	5	2	2		39.00
00005440	No.5-44UNF	3.175	46	11	18	4.0	3.2	6	2	3		39.00
00006400	No.6-40UNF	3.505	48	13	20	4.0	3.2	6	2	3		39.00
00008360	No.8-36UNF	4.166	52	13	21	5.0	4.0	7	2	3		39.00
00010320	No.10-32UNF	4.826	60	16	25	5.5	4.5	7	2	3		39.00
00012280	No.12-28UNF	5.486	60	16	25	5.5	4.5	7	2	3		41.00
00104280	1/4-28UNF	6.350	62	19	30	6.0	4.5	7	3	3		41.00
00104320	1/4-32UNEF	6.350	62	19	30	6.0	4.5	7	3	3		41.00
00516240	5/16-24UNF	7.938	70	22		6.1	5.0	8	3	3		60.80
00516320	5/16-32UNEF	7.938	70	22		6.1	5.0	8	3	3		60.80
00308240	3/8-24UNF	9.525	75	24		7.0	5.5	8	3	3		87.60
00308320	3/8-32UNEF	9.525	75	22		7.0	5.5	8	3	3		87.60
00716200	7/16-20UNF	11.112	80	25		8.0	6.0	9	3	3		105.60
00716280	7/16-28UNEF	11.112	80	25		8.0	6.0	9	3	3		105.60
00102200	1/2-20UNF	12.700	85	29		9.0	7.0	10	3	3		133.60
00102280	1/2-28UNEF	12.700	85	29		9.0	7.0	10	3	3		133.60
00916180	9/16-18UNF	14.288	90	30		10.5	8.0	11	3	3		163.80
00916240	9/16-24UNEF	14.288	90	30		10.5	8.0	11	3	3		163.80
00508180	5/8-18UNF	15.875	95	32		12.0	9.0	12	3	3		195.00
00508240	5/8-24UNEF	15.875	95	32		12.0	9.0	12	3	3		195.00
00304160	3/4-16UNF	19.050	105	37		14.0	11.0	14	3	3		365.50
00304200	3/4-20UNEF	19.050	95	30		14.0	11.0	14	3	3		365.50

GUN-NOSE TAPS

JIS 英制粗牙先端系列

BSW

JIS

Spiral
point
先端

HSS-Co

6H

55

切刃牙
S

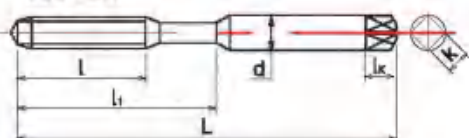


● 适用被切削材料：不锈钢、碳钢、合金钢、非铁金属。

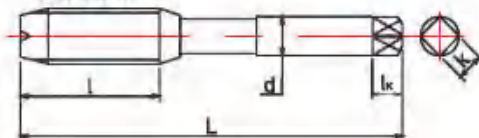
● 抗拉强度750N/MM²以下中低碳钢、铜、镁铝合金等。

通孔加工

TYPE: 2



TYPE: 3

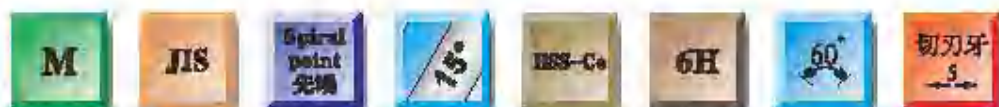


T405 Taps Series

产品编号(code)	英制牙 (BSW)		外型尺寸							Unit:mm	单 价
T405	Size	Basic Major Dia.	L	l	l ₁	d	k	lk	Type	Flutes	T405
00108400	1/8 W40	3.175	46	11	18	4.0	3.2	6	2	3	39.00
00532320	5/32 W32	3.969	52	13	21	5.0	4.0	7	2	3	39.00
00316240	3/16 W24	4.762	60	16	25	5.5	4.5	7	2	3	39.00
00732240	7/32 W24	5.556	60	16	25	5.5	4.5	7	2	3	39.00
00104200	1/4 W20	6.350	62	19	30	6.0	4.5	7	3	3	41.00
00516180	5/16 W18	7.938	70	22		6.1	5.0	8	3	3	60.80
00308160	3/8 W16	9.525	75	24		7.0	5.5	8	3	3	87.50
00716140	7/16 W14	11.112	80	25		8.0	6.0	9	3	3	105.50
00102120	1/2 W12	12.700	85	29		9.0	7.0	10	3	3	118.20
00916120	9/16 W12	14.288	90	30		10.5	8.0	11	3	3	151.00
00508110	5/8 W11	15.875	95	32		12.0	9.0	12	3	3	195.00
00304100	3/4 W10	19.050	105	37		14.0	11	14	3	3	365.00
00708090	7/8 W9	22.225	115	38		17.0	13	16	3	3	376.00
10000080	1 W8	25.400	125	45		20.0	15	18	3	3	624.00
10108070	1 1/8 W7	28.575	135	48		22.0	17	20	3	4	837.50
10104070	1 1/4 W7	31.750	145	51		24.0	19	22	3	4	1063.00
10308060	1 3/8 W6	34.925	155	57		26.0	21	24	3	4	1228.00
10102060	1 1/2 W6	38.100	165	60		30.0	23	26	3	4	1895.00
10508050	1 5/8 W5	41.275	170	60		32.0	26	30	3	4	1895.00
10304050	1 3/4 W5	44.450	175	67		35.0	26	30	3	4	2715.00
10708045	1 7/8 W4 1/2	47.625	185	67		38.0	29	32	3	4	2850.00
20000045	2 W4 1/2	50.800	195	70		40.0	32	35	3	4	2850.00

GUN-NOSE TAPS

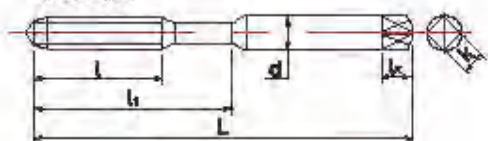
JIS 公制左旋右切系列



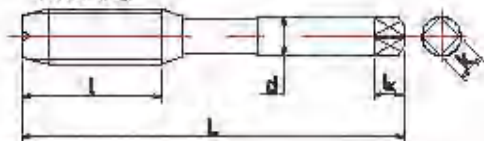
- 適用被切削材料：不銹鋼、碳鋼、合金鋼、非鐵金屬。
- 抗拉強度750N/MM²以下中低碳鋼、銅、鋁合金等。

圖孔加工

TYPE: 2



TYPE: 3

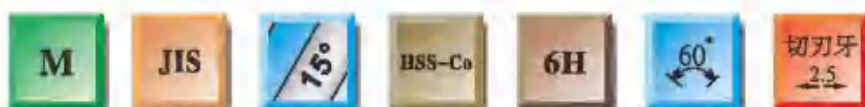


T408 Taps Series

產品編號(code)	公制牙(M)		外型尺寸							Unit:mm	單價
T408	Size	Pitch	L	l	li	d	k	li	Type	Flutes	T408
00300500	M3	0.50	46	11	18	4.0	3.2	8	2	3	43.20
00300350	M3	0.35	46	9.5	18	4.0	3.2	8	2	3	49.20
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	43.20
00400500	M4	0.50	52	13	21	5.0	4.0	7	2	3	49.20
00500800	M5	0.80	60	18	25	5.5	4.5	7	2	3	43.20
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3	49.20
00801000	M8	1.00	82	19	28	8.0	4.5	7	2	3	45.00
00800750	M8	0.75	82	19	30	8.0	4.5	7	2	3	52.80
00800500	M8	0.50	55	13	25	8.0	4.5	7	2	3	52.80
00801250	M8	1.25	70	22		8.2	5.0	8	3	3	85.78
00801000	M8	1.00	70	22		8.2	5.0	8	3	3	72.00
00800750	M8	0.75	70	22		8.2	5.0	8	3	3	86.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	96.04
01001250	M10	1.25	75	24		7.0	5.5	8	3	3	106.60
01001000	M10	1.00	75	24		7.0	5.5	8	3	3	117.00
01000750	M10	0.75	75	22		7.0	5.5	8	3	3	121.20
01201750	M12	1.75	82	28		8.5	6.5	9	3	3	128.40
01201500	M12	1.50	82	28		8.5	6.5	9	3	3	141.60
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	166.32
01802000	M18	2.00	95	32		12.5	10.0	13	3	3	214.80
01801500	M18	1.50	95	32		12.5	10.0	13	3	3	214.80
01801000	M18	1.00	95	32		12.5	10.0	13	3	3	240.60

CAST IRON SPIRAL FLUTED TAPS

JIS 铸铁专用螺旋槽系列

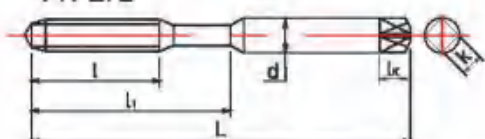


● 适用被切削材料：铸铁、球状石墨铸铁、强刃铸铁等。

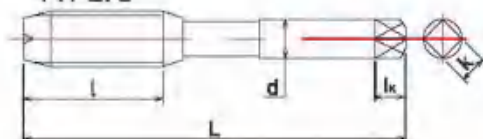
● 硬化处理，锻钢HRC35°≥20°



TYPE: 2



TYPE: 3

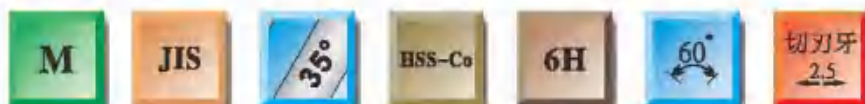


T501 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单价
T501	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T501
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	64.00
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	2	64.00
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	64.00
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	2	64.00
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	48.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	48.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	48.00
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	54.00
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	72.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	102.00
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	118.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	141.80
01602000	M16	2.00	95	32		12.5	10	13	3	3	178.00
01802500	M18	2.50	100	37		14.0	11	14	3	4	228.00
02002500	M20	2.5	105	37		15	12	15	3	4	326.00
02202500	M22	2.5	115	38		17	13	16	3	4	454.00
02403000	M24	3.0	120	45		19	15	18	3	4	588.00
02603000	M26	3.0	125	45		20	15	18	3	4	780.00
02703000	M27	3.0	130	45		20	15	18	3	4	780.00
03003500	M30	3.5	135	48		23	17	20	3	4	897.00
03303500	M33	3.5	145	51		25	19	22	3	4	1152.00
03604000	M36	4.0	155	57		28	21	24	3	4	1222.00

SPECIAL STAINLESS STEEL SPIRAL FLUTED TAPS

JIS 不锈钢专用螺旋槽系列

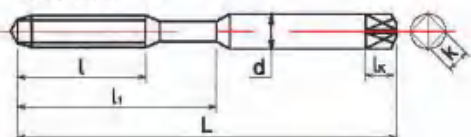


- 适用被切削材料：抗拉强度750N/MM²以下之不锈钢、碳钢、合金钢、铁钢与调质钢。
- 建议适用于攻牙深度为丝攻外径1.5倍-2倍之牙孔。

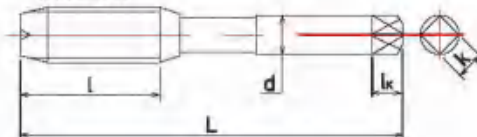
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



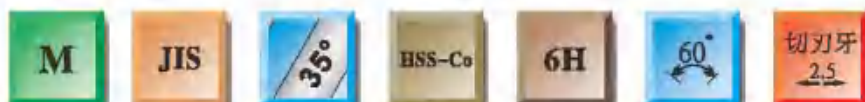
T502 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单 价
T502	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T502
00200400	M2	0.40	42	4.0	15	3.0	2.5	5	2	2	64.00
00250450	M2.5	0.45	44	4.5	16	3.0	2.5	5	2	2	64.00
00260450	M2.6	0.45	44	4.5	16	3.0	2.5	5	2	2	64.00
00300500	M3	0.50	46	5.0	18	4.0	3.2	6	2	3	48.00
00400700	M4	0.70	52	7.0	20	5.0	4.0	7	2	3	48.00
00500800	M5	0.80	60	8.0	25	5.5	4.5	7	2	3	48.00
00601000	M6	1.00	62	11	28	6.0	4.5	7	2	3	54.00
00801250	M8	1.25	70	12		6.2	5.0	8	3	3	72.00
01001500	M10	1.50	75	13		7.0	5.5	8	3	3	102.00
01201750	M12	1.75	82	15		8.5	6.5	9	3	3	118.00
01402000	M14	2.00	88	18		10.5	8.0	11	3	3	141.80
01602000	M16	2.00	95	18		12.5	10	13	3	3	178.00
01802500	M18	2.50	100	20		14.0	11	14	3	4	228.00
02002500	M20	2.50	105	20		15.0	12	15	3	4	326.00
02202500	M22	2.50	115	20		17.0	13	16	3	4	454.00
02403000	M24	3.00	120	25		19.0	15	18	3	4	588.00

以上价格为不涂层价格

COPPER ALUMINUM ALLOY SPECIAL SPIRAL FLUTED TAPS

JIS 铜铝合金专用螺旋槽系列



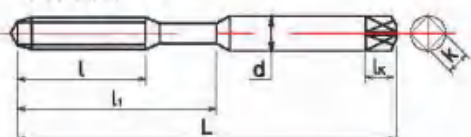
● 适用被切削材料：铝、锌、压铸合金等非铁金属。

● 注意：符号※者较合适MACHINE/CNC自动化钢性攻牙。

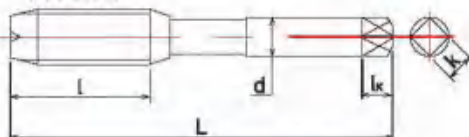
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



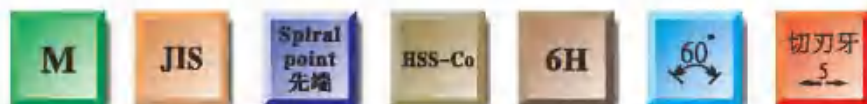
T503 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单 价
T503	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T503
00200400	M2	0.40	42	4.0	15	3.0	2.5	5	2	2	64.00
00250450	M2.5	0.45	44	4.5	16	3.0	2.5	5	2	2	64.00
00260450	M2.6	0.45	44	4.5	16	3.0	2.5	5	2	2	64.00
00300500	M3	0.50	46	5.0	18	4.0	3.2	6	2	3	48.00
00400700	M4	0.70	52	7.0	20	5.0	4.0	7	2	3	48.00
00500800	M5	0.80	60	8.0	25	5.5	4.5	7	2	3	48.00
00601000	M6	1.00	62	11	28	6.0	4.5	7	2	3	54.00
00801250	M8	1.25	70	12		6.2	5.0	8	3	3	72.00
01001500	M10	1.50	75	13		7.0	5.5	8	3	3	102.00
01201750	M12	1.75	82	15		8.5	6.5	9	3	3	118.00
01402000	M14	2.00	88	18		10.5	8.0	11	3	3	141.80
01602000	M16	2.00	95	18		12.5	10	13	3	3	178.00
01802500	M18	2.50	100	20		14.0	11	14	3	4	228.00
02002500	M20	2.50	105	20		15.0	12	15	3	4	326.00
02202500	M22	2.50	115	20		17.0	13	16	3	4	454.00
02403000	M24	3.00	120	25		19.0	15	18	3	4	588.00

以上价格为不涂层价格

SPECIAL STAINLESS STEEL GUN-NOSE TAPS

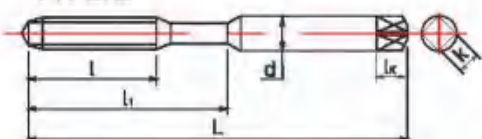
JIS 不锈钢专用先端系列



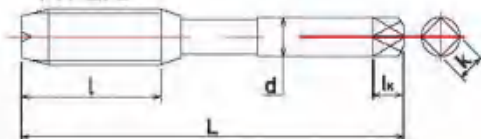
- 适用被切削材料：抗拉强度750N/MM²以下中低碳钢、铜、铝、镁合金。
- 建议适用于攻牙深度为丝攻外径1.5倍-2倍之牙孔。

通孔加工

TYPE: 2



TYPE: 3



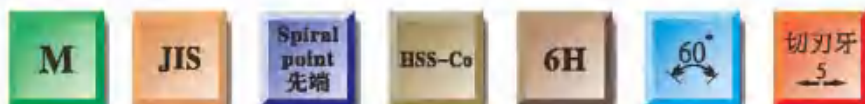
T504 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单价
T504	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T504
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	64.00
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	64.00
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	45.00
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	45.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	45.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	45.00
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	50.00
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	68.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	97.00
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	112.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	136.00
01602000	M16	2.00	95	32		12.5	10	13	3	3	168.00
01802500	M18	2.50	100	37		14.0	11	14	3	3	214.00
02002500	M20	2.50	105	37		15.0	12	15	3	3	308.00
02202500	M22	2.50	115	38		17.0	13	16	3	3	430.00
02403000	M24	3.00	120	45		19.0	15	18	3	3	558.00

以上价格为不涂层价格

COPPER ALUMINUM ALLOY SPECIAL GUN-NOSE TAPS

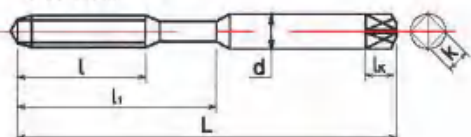
JIS 铝合金专用先端系列



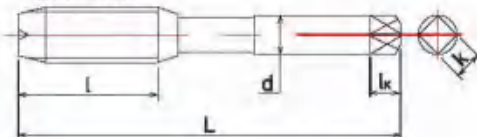
适用被切削材料：非铁金属，铜、铝入镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T505 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单价
T505	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T505
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	64.00
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	64.00
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	45.00
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	45.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	45.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	45.00
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	50.00
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	68.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	97.00
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	112.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	136.00
01602000	M16	2.00	95	32		12.5	10	13	3	3	168.00
01802500	M18	2.50	100	37		14.0	11	14	3	3	214.00
02002500	M20	2.50	105	37		15.0	12	15	3	3	308.00
02202500	M22	2.50	115	38		17.0	13	16	3	3	430.00
02403000	M24	3.00	120	45		19.0	15	18	3	3	558.00

以上价格为不涂层价格

JIS ROLL TAPS SERIES

JIS 公制挤压丝攻系列

M

JIS

HSS-Co

6H

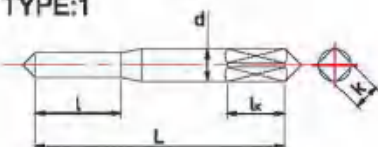
60°



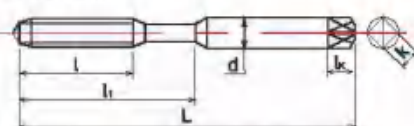
● 适用加工：紫铜、黄铜、铝锌合金材，压铸材等可塑非铁合金。
抗拉强度750N/MM²以下之中低碳钢、合金钢、不锈钢等.....

通/盲孔
加工皆适

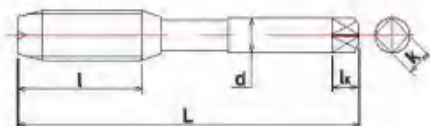
TYPE:1



TYPE: 2



TYPE:3



T507 Taps Series

产品编号(code)	公制牙(M)		精度	外型尺寸						Unit:mm	单 价
T507	Size	Pitch		L	l	l _k	d	k	k _k	Type	T507
00100250	M1	0.25	H4 H5	32	5.5		3.0	2.5	5	1	66.10
00120250	M1.2	0.25	H4 H5	32	5.5		3.0	2.5	5	1	66.10
00140300	M1.4	0.30	H4 H5	36	8.0		3.0	2.5	5	1	66.10
00160350	M1.6	0.35	H4 H5	36	8.0		3.0	2.5	5	1	66.10
00170350	M1.7	0.35	H4 H5	36	8.0		3.0	2.5	5	1	66.10
00200400	M2	0.40	H4 H5 H6	42	9.5		3.0	2.5	5	2	66.10
00230400	M2.3	0.40	H4	42	9.5	15	3.0	2.5	5	2	66.10
00250450	M2.5	0.45	H5 H6	44	9.5	15	3.0	2.5	5	2	66.10
00260450	M2.6	0.45	H5 H6	44	9.5	16	3.0	2.5	5	2	66.10
00300500	M3	0.50	H5 H6 H7	46	11	16	4.0	3.2	6	2	61.70
00350600	M3.5	0.60	H5 H6 H7	48	13	18	4.0	3.2	6	2	61.70
00400700	M4	0.70	H6 H7	52	13	20	5.0	4.0	7	2	61.70
00500800	M5	0.80	H6 H7	60	16	21	5.5	4.5	7	2	66.10
00601000	M6	1.00	H6 H7	62	19	25	6.0	4.5	7	2	66.10
00801250	M8	1.25	H7 H8	70	22	30	6.2	5.0	8	3	96.00

JIS ROLL TAPS SERIES

JIS 美制挤压丝攻系列

UNC

JIS

HSS-Co

6H

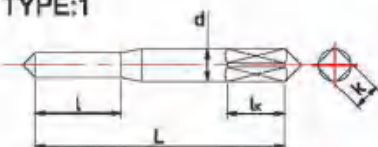
60°



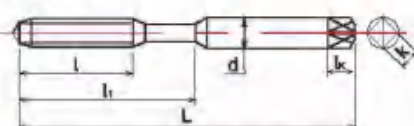
适用加工：紫铜、黄铜、铝锌合金材，压铸材等可塑非铁合金。
抗拉强度750N/MM²以下之中低碳钢、合金钢、不锈钢等.....

通/盲孔
加工皆适

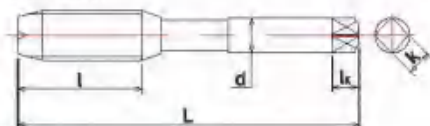
TYPE:1



TYPE:2



TYPE:3



T509 Taps Series

产品编号(code)	美制牙(UNC)	精度	外型尺寸							Unit:mm	单 价
T509	Size	Nominal Dia.	L	l	l ₁	d	k	k	Type		T509
00000800	No.0-80UNF	1.524	36	8		3.0	2.5	5	1		72.50
00001720	No.1-72UNF	1.854	36	8		3.0	2.5	5	1		72.50
00002560	No.2-56UNC	2.184	42	9.5	15	3.0	2.5	5	2		66.10
00004400	No.4-40UNC	2.845	44	9.5	16	3.0	2.5	5	2		66.10
00005400	No.5-40UNC	3.175	46	11	18	4.0	3.2	6	2		66.10
00006320	No.6-32UNC	3.505	48	13	20	4.0	3.2	6	2		66.10
00008320	No.8-32UNC	4.166	52	13	21	5.0	4.0	7	2		66.10
00010240	No.10-24UNC	4.826	60	16	25	5.5	4.5	7	2		66.10
00010320	No.10-32UNF	4.826	60	16	25	5.5	4.5	7	2		72.50
00104200	1/4-20UNC	6.350	62	19	30	6.0	4.5	7	3		70.50
00104280	1/4-28UNF	6.350	62	19	30	6.0	4.5	7	3		77.50
00516180	5/16-18UNC	7.938	70	22		6.1	5.0	8	3		97.80
00516240	5/16-24UNF	7.938	70	22		6.1	5.0	8	3		97.80
00308160	3/8-16UNC	9.525	75	24		7.0	5.5	8	3		102.00
00308240	3/8-24UNF	9.525	75	24		7.0	5.5	8	3		102.00

POWDER METALLURGY HIGH SPEED STEEL SPIRAL FLUTED TAPS

JIS 公制粉末高速钢螺旋槽系列



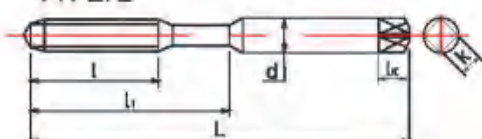
● 适用被切削材料：耐热铜、铸铁、球状石墨铸铁，强刃铸铁等。

● 抗拉强度750N/MM²以下中低碳钢、铜、铝镁合金。

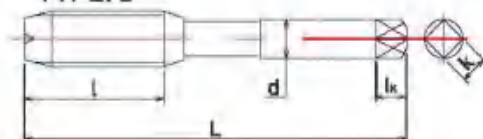
通/盲孔
加工直径



TYPE: 2



TYPE: 3



T601 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单 价
T601	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T601
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	158.00
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	2	158.00
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	2	158.00
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	158.00
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	2	158.00
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	122.00
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	122.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	122.00
00450750	M4.5	0.75	55	13	21	5.0	4.0	7	2	3	122.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	122.00
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	123.00
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	3	166.00
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	166.00
00901250	M9	1.25	72	22		7.0	5.5	8	3	3	215.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	215.00
01101500	M11	1.50	80	25		8.0	6.0	9	3	3	292.00
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	292.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	440.00
01502000	M15	2.00	90	30		10.5	8.0	11	3	3	578.00
01602000	M16	2.00	95	32		12.5	10	13	3	3	578.00
01802500	M18	2.50	100	37		14.0	11	14	3	4	986.00
02002500	M20	2.50	105	37		15.0	12	15	3	4	1260.00
02202500	M22	2.50	115	38		17.0	13	16	3	4	1983.00
02403000	M24	3.00	120	45		19.0	15	18	3	4	2015.00

POWDER METALLURGY HIGH SPEED STEEL GUN-NOSE TAPS

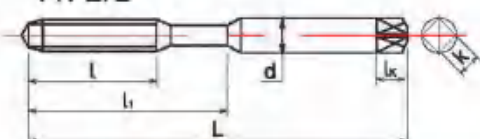
JIS 公制粉末高速钢先端系列



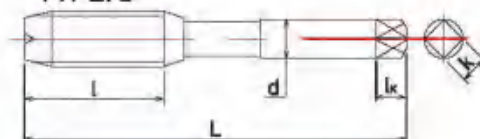
适用被切削材料：硬度HRC40以下不锈钢、碳钢、合金钢、调质钢、耐热钢等。

通孔加工

TYPE: 2



TYPE: 3



T602 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单价
T602	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T602
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	150.00
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	2	150.00
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	2	150.00
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	150.00
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	2	150.00
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	116.00
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	116.00
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	116.00
00450750	M4.5	0.75	55	13	21	5.0	4.0	7	2	3	116.00
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	116.00
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	118.00
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	3	160.00
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	160.00
00901250	M9	1.25	72	22		7.0	5.5	8	3	3	206.00
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	206.00
01101500	M11	1.50	80	25		8.0	6.0	9	3	3	276.00
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	276.00
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	418.00
01502000	M15	2.00	90	30		10.5	8.0	11	3	3	552.00
01602000	M16	2.00	95	32		12.5	10	13	3	3	552.00
01802500	M18	2.50	100	37		14.0	11	14	3	3	940.00
02002500	M20	2.50	105	37		15.0	12	15	3	3	1200.00
02202500	M22	2.50	115	38		17.0	13	16	3	3	1889.00
02403000	M24	3.00	120	45		19.0	15	18	3	3	1920.00

SPIRAL FLUTED TAPS

JIS 牙套丝攻螺旋槽系列

T603

M

JIS

40°

HSS-Co

6H

60°

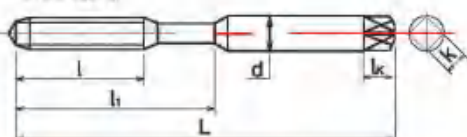
切刃牙
2.5



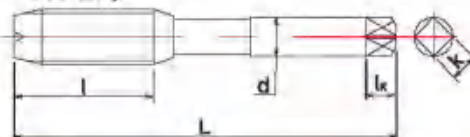
适用加工：木材、塑料、铜铝、模具钢等
可塑性材质

盲孔
加工适用

TYPE: 2



TYPE: 3



T603 Taps Series

产品编号(code)	公制牙(M)		外型尺寸								Unit:mm	单 价
T603	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes		T603
00250450	M2.5	3.085	48	13	20	4.0	3.2	5	2	3		38.00
00300500	M3.0	3.650	52	13	21	5.0	4.0	7	2	3		38.00
00400700	M4.0	4.909	60	16	25	5.5	4.5	7	2	3		38.00
00500800	M5.0	6.039	62	19	30	6.0	4.5	7	2	3		39.60
00600100	M6.0	7.299	70	22	39	6.2	5.0	8	3	3		58.00
00801250	M8.0	9.624	75	24	43	7.0	5.5	8	3	3		85.00
01001500	M10	11.949	82	29	50	8.5	6.5	9	3	3		113.00
01201750	M12	14.273	90	30	55	10.5	8.0	11	3	3		148.00

T605

UNC

JIS

40°

HSS-Co

6H

60°

切刃牙
2.5

T605 Taps Series

产品编号(code)	美制牙 (UNC)		外型尺寸								Unit:mm	单 价
T605	Size	Basic Major Dia.	L	l	l ₁	d	k	k ₁	Type	Flutes		T605
00004400	No.4-40UNC	3.670	52	13	21	5.0	4.0	6	2	3		41.40
00005400	No.5-40UNC	4.000	52	13	21	5.0	4.0	6	2	3		41.40
00006320	No.6-32UNC	4.536	60	16	25	5.5	4.5	7	2	3		41.40
00008320	No.8-32UNC	5.197	60	16	25	5.5	4.5	7	2	3		41.40
00010240	No.10-24UNC	5.857	62	19	30	6.0	4.5	7	2	3		43.40
00010320	No.10-32UNF	5.857	62	19	30	6.0	4.5	7	2	3		43.40
00012240	No.12-24UNC	6.861	70	22	39	6.1	5.0	7	3	3		43.40
00104200	1/4-20UNC	8.001	70	22	39	6.1	5.0	8	3	3		63.90
00516180	5/16-18UNC	9.771	80	25	49	8.0	6.0	8	3	3		92.00
00308160	3/8-16UNC	11.587	85	29	54	8.5	6.5	10	3	3		112.00
00716140	7/16-14UNC	13.470	90	30	55	10.5	8.0	10	3	3		125.00
00102130	1/2-13UNC	15.237	95	32	58	12.0	9.0	11	3	3		158.00

HAND TAPS

JIS 公制粗牙手用丝攻系列

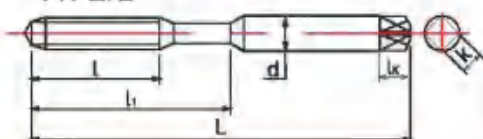


● 适用被切削材料：铸铁、青铜、铸铝、中低碳钢、模具钢。

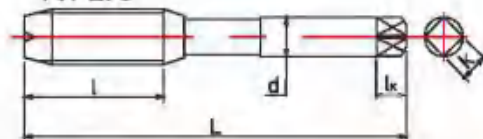
通/盲孔
加工盲孔



TYPE: 2



TYPE: 3



T201 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸								Unit:mm	单 价
T201	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T201
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	3		38.00
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	3		38.00
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	3		38.00
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	3		38.00
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	3		38.00
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3		22.20
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3		22.20
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3		22.20
00450750	M4.5	0.75	55	13	21	5.0	4.0	7	2	3		22.20
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3		22.20
00550900	M5.5	0.90	60	16	25	5.5	4.5	7	2	3		24.50
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3		24.50
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	4		27.80
00801250	M8	1.25	70	22		6.2	5.0	8	3	4		27.80
01001500	M10	1.50	75	24		7.0	5.5	8	3	4		37.80
01101500	M11	1.50	80	25		8.0	6.0	9	3	4		55.60
01201750	M12	1.75	82	29		8.5	6.5	9	3	4		55.60
01402000	M14	2.00	88	30		10.5	8.0	11	3	4		69.50
01502000	M15	2.00	90	30		10.5	8.0	11	3	4		76.70
01602000	M16	2.00	95	32		12.5	10	13	3	4		76.70
01802500	M18	2.50	100	37		14.0	11	14	3	4		97.80
02002500	M20	2.50	105	37		15.0	12	15	3	4		113.90
02202500	M22	2.50	115	38		17.0	13	16	3	4		160.60
02403000	M24	3.00	120	45		19.0	15	18	3	4		230.60

HAND TAPS

JIS 公制细牙手用丝攻系列

MF

JIS

Straight
Flute
直槽

HSS

6H

60°

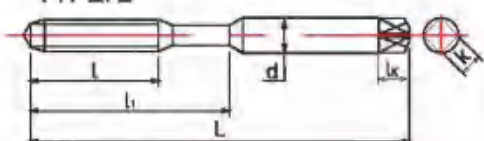
切刃牙
2.5



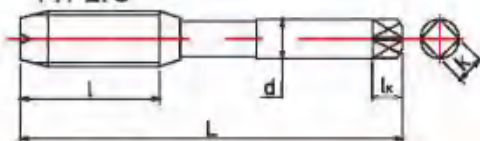
适用被切削材料：铸铁、青铜、铸铝、中低碳钢、模具钢。

通/盲孔
加工盲孔

TYPE: 2



TYPE: 3



T202 Taps Series

产品编号(code)	公制牙 (MF)		外型尺寸								Unit:mm	单 价
T202	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T202
00200250	M2	0.25	42	7	15	3.0	2.5	5	2	3		38.00
00230250	M2.3	0.25	42	7	15	3.0	2.5	5	2	3		38.00
00250350	M2.5	0.35	44	8	16	3.0	2.5	5	2	3		38.00
00260350	M2.6	0.35	44	8	16	3.0	2.5	5	2	3		38.00
00300600	M3	0.60	46	11	18	4.0	3.2	6	2	3		26.70
00300350	M3	0.35	46	9.5	18	4.0	3.2	6	2	3		26.70
00350350	M3.5	0.35	48	9.5	20	4.0	3.2	6	2	3		22.20
00400750	M4	0.75	52	13	20	5.0	4.0	7	2	3		22.20
00400500	M4	0.50	52	13	20	5.0	4.0	7	2	3		22.20
00450500	M4.5	0.50	55	13	21	5.0	4.0	7	2	3		24.50
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3		27.80
00500750	M5	0.75	60	16	25	5.5	4.5	7	2	3		27.80
00600750	M6	0.75	62	19	28	6.0	4.5	7	2	3		24.50
00600500	M6	0.50	55	13	25	6.0	4.5	7	2	3		24.50
00700750	M7	0.75	65	19	30	6.2	5.0	8	3	4		27.80
00700500	M7	0.50	55	13	25	6.2	5.0	8	3	4		27.80
00801000	M8	1.00	70	22		6.2	5.0	8	3	4		27.80
00800750	M8	0.75	70	22		6.2	5.0	8	3	4		27.80
00901000	M9	1.00	72	22		7.0	5.5	8	3	4		37.80
01001250	M10	1.25	75	24		7.0	5.5	8	3	4		37.80
01001000	M10	1.00	75	24		7.0	5.5	8	3	4		37.80
01000750	M10	0.75	75	22		7.0	5.5	8	3	4		39.80
01000500	M10	0.50	55	13		7.0	5.5	8	3	4		39.80
01101250	M11	1.25	80	25		8.0	6.0	9	3	4		58.30

HAND TAPS

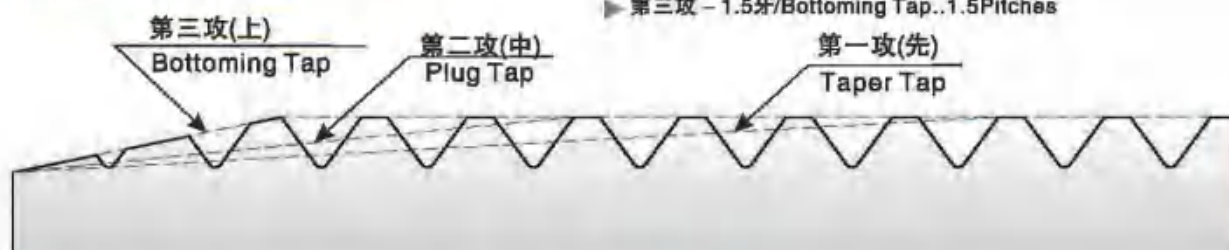
JIS 公制细牙手用丝攻系列

T202 Taps Series

产品编号(code)	公制牙 (MF)		外型尺寸							Unit:mm	单 价
T202	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T202
01101000	M11	1.00	80	25		8.0	6.0	9	3	4	58.30
01100750	M11	0.75	75	22		8.0	6.0	9	3	4	62.00
01201500	M12	1.50	82	29		8.5	6.5	9	3	4	55.60
01201250	M12	1.25	82	29		8.5	6.5	9	3	4	55.60
01301750	M13	1.75	85	29		9.5	7.0	10	3	4	70.00
01301500	M13	1.50	85	29		9.5	7.0	10	3	4	70.00
01401500	M14	1.50	88	30		10.5	8.0	11	3	4	70.00
01401250	M14	1.25	88	30		10.5	8.0	11	3	4	73.30
01401000	M14	1.00	88	30		10.5	8.0	11	3	4	76.80
01501500	M15	1.50	90	30		10.5	8.0	11	3	4	76.70
01501000	M15	1.00	90	30		10.5	8.0	11	3	4	80.30
01601500	M16	1.50	95	32		12.5	10	13	3	4	76.70
01601000	M16	1.00	95	32		12.5	10	13	3	4	80.60
01701500	M17	1.50	95	32		13.0	10	13	3	4	97.80
01701000	M17	1.00	95	32		13.0	10	13	3	4	102.70
01802000	M18	2.00	100	37		14.0	11	14	3	4	97.80
01801500	M18	1.50	100	37		14.0	11	14	3	4	97.80
01801000	M18	1.00	95	30		14.0	11	14	3	4	102.80
01901500	M19	1.50	105	37		14.0	11	14	3	4	113.90
01901000	M19	1.00	95	30		14.0	11	14	3	4	113.90
02002000	M20	2.00	105	37		15.0	12	15	3	4	113.90
02001500	M20	1.50	105	37		15.0	12	15	3	4	107.60
02202000	M22	2.00	115	38		17.0	13	16	3	4	160.60
02201500	M22	1.50	115	38		17.0	13	16	3	4	168.30
02201000	M22	1.00	95	30		17.0	13	16	3	4	168.30
02301500	M23	1.50	115	38		18.0	14	17	3	4	230.60
02402000	M24	2.00	120	45		19.0	15	18	3	4	230.60
02401500	M24	1.50	120	45		19.0	15	18	3	4	230.60

丝攻端面切削刃口部位说明：

- ▶ 第一攻 - 9牙 /Taper Tap...9 Pitches
- ▶ 第二攻 - 5牙/Plug Tap...5 pitches
- ▶ 第三攻 - 1.5牙/Bottoming Tap...1.5Pitches



- ▶ Specially slow spiral design (特殊低螺旋角设计)
- ▶ TiAlN coating for good performance and long life (铝钛处理以保证寿命之能力)
- ▶ JIS standard (日标)
- ▶ Made of HSS-Co steel (钴高速钢制造)
- ▶ Ideal for use on Casting Iron (专用硬化加工)

HAND TAPS

JIS 美制粗牙手用丝攻系列

UNC

JIS

Straight
Flute
直槽

HSS

6H

60°

切刃牙
2.5

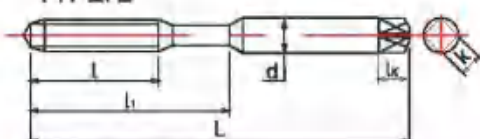


适用被切削材料：铸铁、青铜、铸铝、中低碳钢、模具钢。

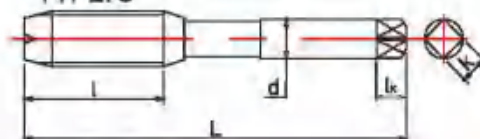
通/盲孔
加工盲孔



TYPE: 2



TYPE: 3



T203 Taps Series

产品编号(code)	美制牙 (UNC)	外型尺寸									Unit:mm	单 价
T203	Size	Basic Major Dia.	L	l	li	d	k	lk	Type	Flutes		T203
00002560	No.2-56UNC	2.184	42	9.5	15	3.0	2.5	5	2	3		26.70
00003480	No.3-48UNC	2.515	44	9.5	16	3.0	2.5	5	2	3		26.70
00004400	No.4-40UNC	2.845	44	9.5	16	3.0	2.5	5	2	3		22.20
00005400	No.5-40UNC	3.175	46	11	18	4.0	3.2	6	2	3		22.20
00006320	No.6-32UNC	3.505	48	13	20	4.0	3.2	6	2	3		26.70
00008320	No.8-32UNC	4.166	52	13	21	5.0	4.0	7	2	3		22.20
00010240	No.10-24UNC	4.826	60	16	25	5.5	4.5	7	2	3		22.20
00012240	No.12-24UNC	5.486	60	16	26	5.5	4.5	7	2	3		24.50
00104200	1/4-20UNC	6.350	62	19	30	6.0	4.5	7	3	3		24.50
00516180	5/16-18UNC	7.938	70	22		6.1	5.0	8	3	4		27.80
00308160	3/8-16UNC	9.525	75	24		7.0	5.5	8	3	4		37.80
00716140	7/16-14UNC	11.112	80	25		8.0	6.0	9	3	4		55.00
00102130	1/2-13UNC	12.700	85	29		9.0	7.0	10	3	4		68.00
00916120	9/16-12UNC	14.288	90	30		10.5	8.0	11	3	4		76.00
00508110	5/8-11UNC	15.875	95	32		12.0	9.0	12	3	4		84.00
00304100	3/4-10UNC	19.050	105	37		14.0	11	14	3	4		108.00
00708090	7/8-9UNC	22.225	115	38		17.0	13	16	3	4		160.00
10000080	1-8UNC	25.400	125	45		20.0	15	18	3	4		218.00
10108070	1 1/8-7UNC	28.575	135	48		22.0	17	20	3	4		298.00
10104070	1 1/4-7UNC	31.750	145	51		24.0	19	22	3	4		336.00
10308060	1 3/8-6UNC	34.925	155	57		26.0	21	24	3	4		418.00
10102060	1 1/2-6UNC	38.100	160	60		30.0	23	26	3	4		498.00
10304050	1 3/4-5UNC	44.450	175	67		35.0	26	30	3	4		688.00
20000045	2-4 1/2UNC	50.800	195	70		40.0	32	35	3	4		920.00

HAND TAPS

JIS 美制细牙手用丝攻系列

UNF

JIS

Straight
Flute
直槽

HSS

6H

60°

切刃牙
2.5

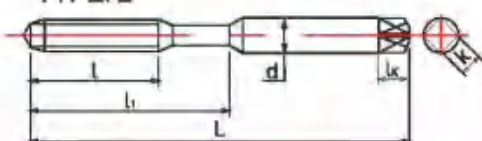


适用被切削材料：铸铁、青铜、铸铝、中低碳钢、模具钢。

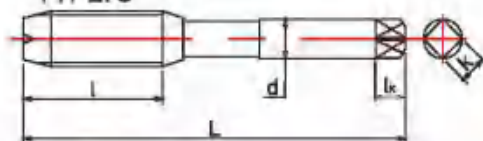
通/盲孔
加工盲孔



TYPE: 2



TYPE: 3



T204 Taps Series

产品编号(code)	美制牙 (UNF)	外型尺寸	Unit:mm	单 价
T204	Size Basic Major Dia.	L l lr d k lk Type Flutes	T204	
00002640	No.2-64UNF 2.184	42 9.5 15 3.0 2.5 5 2 3	26.70	
00003560	No.3-56UNF 2.515	44 9.5 16 3.0 2.5 5 2 3	26.70	
00004480	No.4-48UNF 2.845	44 9.5 16 3.0 2.5 5 2 3	26.70	
00005440	No.5-44UNF 3.175	46 11 18 4.0 3.2 6 2 3	26.70	
00006400	No.6-40UNF 3.505	48 13 20 4.0 3.2 6 2 3	26.70	
00008360	No.8-36UNF 4.166	52 13 21 5.0 4.0 7 2 3	22.20	
00010320	No.10-32UNF 4.826	60 16 25 5.5 4.5 7 2 3	22.20	
00012280	No.12-28UNF 5.486	60 16 26 5.5 4.5 7 2 3	24.50	
00104280	1/4-28UNF 6.350	62 19 30 6.0 4.5 7 3 3	24.50	
00104320	1/4-32UNEF 6.350	62 19 30 6.0 4.5 7 3 3	24.50	
00516240	5/16-24UNF 7.938	70 22 6.1 5.0 8 3 4	27.80	
00516320	5/16-32UNEF 7.938	70 22 6.1 5.0 8 3 4	27.80	
00308240	3/8-24UNF 9.525	75 24 7.0 5.5 8 3 4	37.80	
00308320	3/8-32UNEF 9.525	75 22 7.0 5.5 8 3 4	37.80	
00716200	7/16-20UNF 11.112	80 25 8.0 6.0 9 3 4	55.00	
00716280	7/16-28UNEF 11.112	80 25 8.0 6.0 9 3 4	55.00	
00102200	1/2-20UNF 12.700	85 29 9.0 7.0 10 3 4	68.00	
00102280	1/2-28UNEF 12.700	85 29 9.0 7.0 10 3 4	70.60	
00916180	9/16-18UNF 14.288	90 30 10.5 8.0 11 3 4	76.00	
00916240	9/16-24UNEF 14.288	90 30 10.5 8.0 11 3 4	76.00	
00508180	5/8-18UNF 15.875	95 32 12.0 9.0 12 3 4	84.00	
00508240	5/8-24UNEF 15.875	95 32 12.0 9.0 12 3 4	84.00	
00304160	3/4-16UNF 19.050	105 37 14.0 11.0 14 3 4	108.00	

HAND TAPS

JIS 英制粗牙手用丝攻系列

BSW

JIS

Straight
Flute
直槽

HSS

6H

55°

切刃牙
2.5

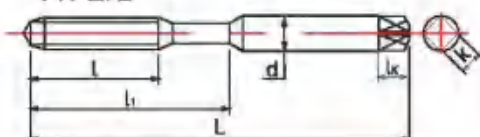


适用被切削材料：铸铁、青铜、铸铝、中低碳钢、模具钢。

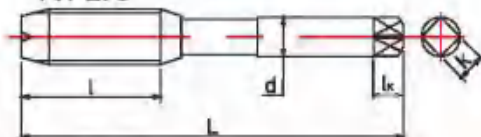
通/盲孔
加工盲孔



TYPE: 2



TYPE: 3



T205 Taps Series

产品编号(code)	英制牙 (BSW)		外型尺寸								Unit:mm	单 价
T205	Size	Basic Major Dia.	L	l	li	d	k	lk	Type	Flutes		T205
00108400	1/8 W40	3.175	46	11	18	4.0	3.2	6	2	3		26.10
00532320	5/32 W32	3.969	52	13	21	5.0	4.0	7	2	3		24.50
00316240	3/16 W24	4.762	60	16	25	5.5	4.5	7	2	3		26.10
00732240	7/32 W24	5.556	60	16	25	5.5	4.5	7	2	3		26.10
00104200	1/4 W20	6.350	62	19	30	6.0	4.5	7	3	3		24.50
00516180	5/16 W18	7.938	70	22		6.1	5.0	8	3	4		27.80
00308160	3/8 W16	9.525	75	24		7.0	5.5	8	3	4		37.80
00716140	7/16 W14	11.112	80	25		8.0	6.0	9	3	4		55.00
00102120	1/2 W12	12.700	85	29		9.0	7.0	10	3	4		68.00
00916120	9/16 W12	14.288	90	30		10.5	8.0	11	3	4		76.00
00508110	5/8 W11	15.875	95	32		12.0	9.0	12	3	4		84.00
00304100	3/4 W10	19.050	105	37		14.0	11	14	3	4		108.00
00708090	7/8 W9	22.225	115	38		17.0	13	16	3	4		160.00
10000080	1 W8	25.400	125	45		20.0	15	18	3	4		218.00
10108070	1 1/8 W7	28.575	135	48		22.0	17	20	3	4		248.00
10104070	1 1/4 W7	31.750	145	51		24.0	19	22	3	4		278.00
10308060	1 3/8 W6	34.925	155	57		26.0	21	24	3	4		368.00
10102060	1 1/2 W6	38.100	165	60		30.0	23	26	3	4		438.00
10508050	1 5/8 W5	41.275	170	60		32.0	26	30	3	4		486.00
10304050	1 3/4 W5	44.450	175	67		35.0	26	30	3	4		688.00
10708045	1 7/8 W4 1/2	47.625	185	67		38.0	29	32	3	4		728.00
20000045	2 W4 1/2	50.800	195	70		40.0	32	35	3	4		920.00

HAND TAPS

JIS 英制细牙手用丝攻系列

BSF

JIS

Straight
Flute
直槽

HSS

6H

55°

切刃牙
2.5

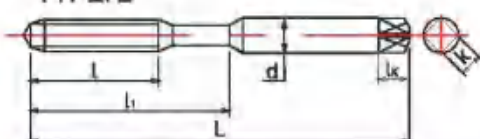


适用被切削材料：铸铁、青铜、铸铝、中低碳钢、模具钢。

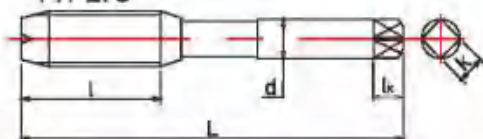
通/盲孔
加工盲孔



TYPE: 2



TYPE: 3



T206 Taps Series

产品编号(code)	英制牙 (BSF)		外型尺寸							Unit:mm	单 价
T206	Size	Basic Major Dia.	L	l	li	d	k	lk	Type	Flutes	T206
00316320	3/16-32	4.762	60	16	25	5.5	4.5	7	2	3	28.30
00732280	7/32-28	5.556	60	16	25	5.5	4.5	7	2	3	28.30
00104280	1/4-28	6.350	62	19	30	6.0	4.5	7	3	3	28.30
00516220	5/16-22	7.938	70	22		6.1	5.0	8	3	4	32.80
00308200	3/8-20	9.525	75	24		7.0	5.5	8	3	4	41.70
00716180	7/16-18	11.112	80	25		8.0	6.0	9	3	4	55.00
00102160	1/2-16	12.700	85	29		9.0	7.0	10	3	4	68.00
00916160	9/16-16	14.288	90	30		10.5	8.0	11	3	4	76.00
00508140	5/8-14	15.825	95	32		12.0	9.0	12	3	4	84.00
00304120	3/4-12	19.050	105	32		14.0	11.0	14	3	4	108.00
00708110	7/8-11	22.225	115	37		17.0	13.0	16	3	4	160.00
10000100	1-10	25.400	125	38		20.0	15.0	18	3	4	218.00

管螺纹的种类

可分为英制与美制两大类，都用寸，为推拔螺纹与平行螺纹的组合，如外螺纹、内螺纹都用推拔者或者平行者，对推拔外螺纹使用平行内螺纹者英制的螺纹角与惠氏螺纹系相同为55°，JIS定PT，PS，PF等规格，在国际间普遍被采用。美制者，凡是首字为N者都是，其螺纹角与英美统一螺纹系相同为60° 这些美制者，将不被JIS或者ISO采用，以美制管螺纹的名称，为适合各种用途有多种在有关地方被使用。公尺制是西德逾1954年制定在DIN158里，其基准径及螺距为公尺制尺寸，但对一般还未普遍被使用。

管用丝攻组合方式

新旧代号	用途	公螺纹	母螺纹
G=PF	机械结合	G=PF	G=PF
Rc=PT	极密性结合	Rc=PT	Rc=PT
Rp=PS	极密性结合	Rc=PT	Rp=PS

ISO2284 Parallel Pipe Taps

ISO 2284 直管螺纹直槽系列

T701

BSPG
(PF)

ISO
2284

Straight
Flute
直槽

HSS

ISO 2
6H

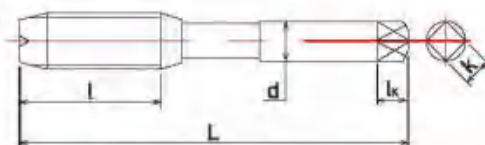
55°

切刃牙
2.5



- 适用于管内螺纹加工。
- 抗拉强度850N/MM²以下模具钢、碳钢、铜铝合金。

TYPE: 3



T701 Taps Series

产品编号(code)	英制平行管牙(BSPG)	外 型 尺 寸								Unit:mm	单 价
T701	Size	Basic Major Dia.	L	l	l ₁	d	k	lk	Type	Flutes	T701
00116280	1/16-28	7.723	52	14		5.6	4.5	7	3	4	42.00
00108280	1/8-28	9.728	59	15		8.0	6.3	9	3	4	42.00
00104190	1/4-19	13.157	67	19		10.0	8.0	11	3	4	59.00
00308190	3/8-19	16.662	75	21		12.5	10.0	13	3	4	99.00
00102140	1/2-14	20.955	87	26		16.0	12.5	16	3	4	128.00
00304140	3/4-14	26.441	96	28		20.0	16.0	20	3	4	174.00
10000110	1-11	33.249	109	33		25.0	20.0	24	3	4	293.00

T703

NPS

ISO
2284

Straight
Flute
直槽

HSS

ISO 2
6H

60°

切刃牙
2.5

T703 Taps Series

产品编号(code)	美制平行管牙 (NPS)	外 型 尺 寸								Unit:mm	单 价
T703	Size	Nominal Dia.	L	l	l ₁	d	k	lk	Type	Flutes	T703
00108270	1/8-27	10.272	59	15		8.0	6.3	9	3	4	42.00
00104180	1/4-18	13.571	67	19		10.0	8.0	11	3	4	59.00
00308180	3/8-18	17.054	75	21		12.5	10.0	13	3	4	99.00
00102140	1/2-14	21.224	87	26		16.0	12.5	16	3	4	128.00
00304140	3/4-14	26.568	96	28		20.0	16.0	20	3	4	174.00
10000115	1-11 1/2	33.228	109	33		25.0	20.0	24	3	4	293.00
10104115	1 1/4-11 1/2	41.986	119	36		31.5	25.0	28	3	6	875.00
10102115	1 1/2-11 1/2	48.054	125	37		35.5	28.0	31	3	6	1407.00

ISO2284 Parallel Pipe Taps

ISO 2284 锥管螺纹直槽系列

T702

BSPT
(Rc)

ISO
2284

Straight
Flute
直槽

HSS

ISO 2
6H

55°

切刃牙
2.5



- 适用于管内螺纹加工。
- 抗拉强度850N/MM²以下模具钢、碳钢、铜铝合金。

TYPE: 4



T702 Taps Series

产品编号(code)	英制斜度管牙 (BSPT)	外 型 尺 寸								Unit:mm	单 价
T702	Size	Basic Major Dia.	L	l	l ₁	d	k	k ₁	Type	Flutes	T702
00116280	1/16-28	7.723	52	14	10.1	5.6	4.5	7	4	4	45.00
00108280	1/8-28	9.728	59	15	10.1	8.0	6.3	9	4	4	45.00
00104190	1/4-19	13.157	67	19	15.0	10.0	8.0	11	4	4	66.00
00308190	3/8-19	16.662	75	21	15.4	12.5	10.0	13	4	4	110.00
00102140	1/2-14	20.955	87	26	20.5	16.0	12.5	16	4	4	142.00
00304140	3/4-14	26.441	96	28	21.8	20.0	16.0	20	4	4	194.00
10000110	1-11	33.249	109	33	26.0	25.0	20.0	24	4	4	326.00

T704

NPT

ISO
2284

Straight
Flute
直槽

HSS

ISO 2
6H

60°

切刃牙
2.5

T704 Taps Series

产品编号(code)	美制斜度管牙 (NPT)	外 型 尺 寸								Unit:mm	单 价
T704	Size	Nominal Dia.	L	l	l ₁	d	k	k ₁	Type	Flutes	T704
00108270	1/8-27	10.272	59	15	7.9	8.0	6.3	9	4	4	45.00
00104180	1/4-18	13.571	67	19	11.9	10.0	8.0	11	4	4	66.00
00308180	3/8-18	17.054	75	21	11.5	12.5	10.0	13	4	4	110.00
00102140	1/2-14	21.224	87	26	14.7	16.0	12.5	16	4	4	142.00
00304140	3/4-14	26.568	96	28	14.4	20.0	16.0	20	4	4	194.00
10000115	1-11 1/2	33.228	109	33	17.2	25.0	20.0	24	4	4	326.00
10104115	1 1/4-11 1/2	41.986	119	36	17.4	31.5	25.0	28	4	6	975.00
10102115	1 1/2-11 1/2	48.054	125	37	17.8	35.5	28.0	31	4	6	1477.00

SPIRAL FLUTED TAPS

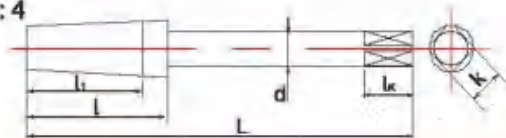
JIS 英制锥管螺旋槽系列

T801



- T801适用于极密性结合为目的内螺纹加工，T804适用于机械结合为目的内螺纹加工。
- 抗拉强度850N/MM²以下模具钢、碳钢、铜铝合金。

TYPE: 4



T801 Taps Series

产品编号(code)	英制斜度管牙 (PT)	外 型 尺 寸									Unit:mm	单 价
T801	Size	Basic Maj.Dia.	L	l	l ₁	d	k	l _k	Type	Flutes		T801
00116280	1/16-28	7.723	55	19	13	8	6	9	4	3		48.60
00108280	1/8-28	9.728	55	19	13	8	6	9	4	3		48.60
00104190	1/4-19	13.157	62	28	21	11	9	12	4	3		72.00
00308190	3/8-19	16.662	65	28	21	14	11	14	4	3		118.00
00102140	1/2-14	20.955	80	35	25	18	14	17	4	4		153.00
00304140	3/4-14	26.441	85	35	25	23	17	20	4	4		209.00
10000110	1-11	33.249	95	45	32	26	21	24	4	4		352.00

T804



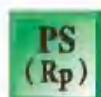
T804 Taps Series

产品编号(code)	美制斜度管牙 (NPT)	外 型 尺 寸									Unit:mm	单 价
T804	Size	Basic Maj.Dia.	L	l	l ₁	d	k	l _k	Type	Flutes		T804
00116270	1/16-27	7.770	54	17	12.00	8	6	9	4	3		48.60
00108270	1/8-27	10.117	55	19	12.05	8	6	9	4	3		48.60
00104180	1/4-18	13.426	62	28	17.45	11	9	12	4	3		72.00
00308180	3/8-18	16.866	65	28	17.65	14	11	14	4	3		118.00
00102140	1/2-14	20.980	80	35	22.85	18	14	17	4	4		153.00
00304140	3/4-14	26.325	85	35	22.95	23	17	20	4	4		209.00
10000115	1-11 1/2	32.934	95	45	27.40	26	21	24	4	4		352.00

SPIRAL FLUTED TAPS

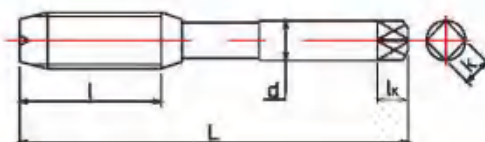
JIS 管螺纹螺旋槽系列

T802



- T802适用于极密性结合为目的内螺纹加工，T803适用于机械结合为目的内螺纹加工。
- 抗拉强度850N/MM²以下模具钢、碳钢、铜铝合金。

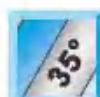
TYPE: 3



T802 Taps Series

产品编号(code)	英制平行管牙 (PS)	外 型 尺 寸								Unit:mm	单 价
T802	Size	Basic Maj.Dia.	L	l	l ₁	d	k	lk	Type	Flutes	T802
00108280	1/8-28	9.728	55	19		8	6	9	3	3	45.00
00104190	1/4-19	13.157	62	28		11	9	12	3	3	66.00
00308190	3/8-19	16.662	65	28		14	11	14	3	3	110.00
00102140	1/2-14	20.955	80	35		18	14	17	3	4	142.00
00304140	3/4-14	26.441	85	35		23	17	20	3	4	194.00
10000110	1-11	33.249	95	45		26	21	24	3	4	326.00
10104110	1 1/4-11	41.910	105	45		32	26	30	3	4	975.00

T803



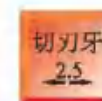
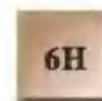
T803 Taps Series

产品编号(code)	英制平行管牙 (PF)	外 型 尺 寸								Unit:mm	单 价
T803	Size	Basic Maj.Dia.	L	l	l ₁	d	k	lk	Type	Flutes	T803
00108280	1/8-28	9.728	55	19		8	6	9	3	3	45.00
00104190	1/4-19	13.157	62	28		11	9	12	3	3	66.00
00308190	3/8-19	16.662	65	28		14	11	14	3	3	110.00
00102140	1/2-14	20.955	80	35		18	14	17	3	4	142.00
00304140	3/4-14	26.441	85	35		23	17	20	3	4	194.00
10000110	1-11	33.249	95	45		26	21	24	3	4	326.00
10104110	1 1/4-11	41.910	105	45		32	26	30	3	4	975.00

TAPER PIPE HAND TAPS

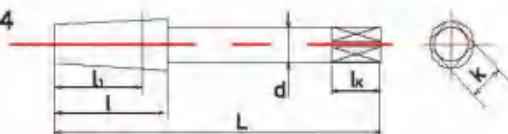
JIS 管螺纹短刃螺旋槽系列

T805



- 适用被切削材料：适用于以紧密结合为目的的推拔形内管螺纹加工。
- 抗拉强度850N/MM²以下碳钢、铜、铝、合金。

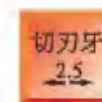
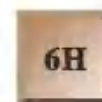
TYPE: 4



T805 Taps Series

产品编号(code)	英制斜度管牙 (PT)	外 型 尺 寸								Unit:mm	单 价
T805	Size	Basic Maj.Dia.	L	l	l ₁	d	k	k ₁	Type	Flutes	T805
00116280	1/16-28	7.723	54	14.0	10.1	8.0	6.0	9.0	4	4	48.60
00108280	1/8-28	9.728	55	16.5	10.5	8.0	6.0	9.0	4	4	48.60
00104190	1/4-19	13.157	62	19.5	12.5	11.0	9.0	12.0	4	4	72.00
00308190	3/8-19	16.662	65	21.0	14.0	14.0	11.0	14.0	4	4	118.00
00102140	1/2-14	20.955	80	27.0	17.0	18.0	14.0	17.0	4	4	153.00
00304140	3/4-14	26.441	85	29.0	19.0	23.0	17.0	20.0	4	4	209.00
10000110	1-11	33.249	95	35.0	22.0	26.0	24.0	24.0	4	4	352.00

T806



T806 Taps Series

产品编号(code)	美制斜度管牙 (NPT)	外 型 尺 寸								Unit:mm	单 价
T806	Size	Basic Maj.Dia.	L	l	l ₁	d	k	k ₁	Type	Flutes	T806
00116270	1/16-27	7.770	54	14.0	10.1	8.0	6.0	9.0	4	4	48.60
00108270	1/8-27	10.117	55	16.5	10.5	8.0	6.0	9.0	4	4	48.60
00104180	1/4-18	13.426	62	19.5	12.5	11.0	9.0	12.0	4	4	72.00
00308180	3/8-18	16.866	65	21.0	14.0	14.0	11.0	14.0	4	4	118.00
00102140	1/2-14	20.980	80	27.0	17.0	18.0	14.0	17.0	4	4	153.00
00304140	3/4-14	26.325	85	29.0	19.0	23.0	17.0	20.0	4	4	209.00
10000115	1-11 1/2	32.934	95	35.0	22.0	26.0	24.0	24.0	4	4	352.00



CARBIDE TAPS

超硬钨钢丝攻系列

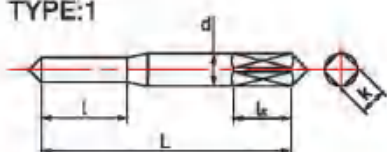


- 被加工材质及热处理状态(加工对象的硬度是否均匀)。
- 被加工对象的技术要求、尺寸、公差、表面粗糙度等。
- 切削方式、夹持方式、冷却方式、润滑方式及切削量。

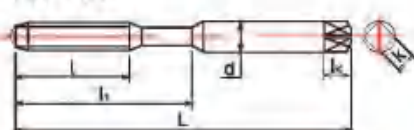
通孔加工

盲孔加工适应

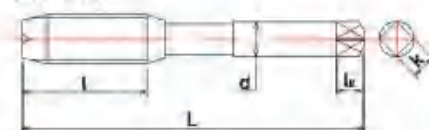
TYPE:1



TYPE:2



TYPE:3



公制规格

规格	板牙刃	丝攻价
M3-4全钨	3	335.00
M5全钨	3	353.00
M6全钨	3	392.00
M7全钨	3	430.00
M8全钨	3	460.00
M9全钨	3	490.00
M10全钨	3	520.00
M11全钨	3	540.00
M12全钨	3/4	618.00
M13-14	4	392.00
M15-17	4	430.00
M18-19	4	440.00
M20-21	4	468.00
M22	4	475.00
M23	4	490.00
M24	4	510.00
M25-26	4	550.00
M27-28	4	580.00
M29	6	635.00
M30	6	680.00
M31-33	6	695.00
M34-36	6	780.00
M37-38	6	850.00
M39	6	860.00
M40-42	8	950.00
M43-45	8	990.00
M46-47	8	1020.00
M48	8	1080.00
M49	8	1150.00
M50-51	8	1266.00
M52-53	8	1398.00

英、美制规格

规格	板牙刃	丝攻价
3/16"全钨	3	353.00
1/4"全钨	3	392.00
5/16"全钨	3	460.00
3/8"全钨	3	520.00
7/16"全钨	3/4	598.00
1/2"	4/4	393.00
9/16"	4	442.00
5/8"	4	450.00
11/16"	4	460.00
3/4"	4	480.00
13/16"	4	490.00
7/8"	4	500.00
15/16"	4	520.00
1"	4	550.00
1-1/32"	4	560.00
1-1/16"	4	570.00
1-1/8"	4	600.00
1-3/16"	6	690.00
1-1/4"	6	700.00
1-5/16"	6	750.00
1-3/8"	6	800.00
1-7/16"	6	836.00
1-1/2"	6	893.00
1-9/16"	6	930.00
1-5/8"	6	970.00
1-11/16"	6	986.00
1-3/4"	8	1026.00
1-13/16"	8	1046.00
1-7/8"	8	1166.00
1-15/16"	8	1211.00
2"	8	1300.00

英、美制规格

规格	板牙刃	丝攻价
5#-40	3	295.00
6#-32	3	295.00
8#-32	3	315.00
10#-32	3	353.00
12#-32	3	392.00

管制PT/NPT/NPS/PF/PS/G/R/NH

规格	板牙刃	丝攻价
1/8"全钨	3	540.00
1/4"	3/4	392.00
3/8"	4	432.00
1/2"	4	466.00
5/8"	4	526.00
3/4"	4	587.00
1"	6	698.00
1-1/4"	8	1020.00
1-1/2"	8	1166.00
2"	8	1480.00

板牙/丸钨(外径参照板牙刃)

外径	板牙刃	丝攻价
25径	3	760.00
38径	4	835.00
50径	4	910.00
63径	6	1236.00
75径	8	1700.00
100径	8	2100.00

HAND TAPS

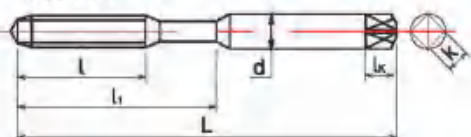
ISO 529 公制粗牙手用丝攻系列



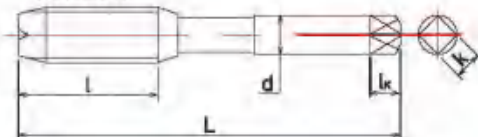
适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T901 Taps Series

产品编号(code)	公制牙(M)		外 型 尺 寸								Unit:mm	单 价
T901	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T901
00300500	M3	0.50	48	11	18	3.15	2.50	5	2	3		22.50
00350600	M3.5	0.60	50	13	20	3.55	2.80	5	2	3		22.50
00400700	M4	0.70	53	13	21	4.00	3.15	6	2	3		22.50
00450750	M4.5	0.75	53	13	21	4.50	3.55	6	2	3		22.50
00500800	M5	0.80	58	16	25	5.00	4.00	6	2	3		22.50
00601000	M6	1.00	66	19	30	6.30	5.00	8	2	3		24.50
00701000	M7	1.00	66	19	30	7.10	5.60	7	3	4		28.60
00801250	M8	1.25	72	22		8.00	6.30	8	3	4		28.60
01001500	M10	1.50	80	24		10.0	8.00	9	3	4		35.00
01101500	M11	1.50	85	25		8.00	6.30	9	3	4		47.80
01201750	M12	1.75	89	29		9.00	7.10	10	3	4		47.80
01402000	M14	2.00	95	30		11.2	9.00	12	3	4		53.90
01602000	M16	2.00	102	32		12.5	10.0	13	3	4		62.50
01802500	M18	2.50	112	37		14.0	11.2	14	3	4		93.60
02002500	M20	2.50	112	37		14.0	11.2	14	3	4		112.80
02202500	M22	2.50	118	38		16.0	12.5	16	3	4		139.00
02403000	M24	3.00	130	45		18.0	14.0	18	3	4		166.30
02703000	M27	3.00	135	45		20.0	16.0	20	3	4		180.00
03003500	M30	3.50	138	48		20.0	16.0	20	3	4		288.00
03303500	M33	3.50	151	51		22.4	18.0	22	3	4		336.40
03604000	M36	4.00	162	57		25.0	20.0	24	3	4		399.80
04204500	M42	4.50	170	60		28.0	22.4	26	3	6		470.90
04504500	M45	4.50	187	67		31.5	25.0	28	3	6		578.20
04805000	M48	5.00	187	67		31.5	25.0	28	3	6		643.60

HAND TAPS

ISO 529 公制细牙手用丝攻系列

MF

ISO
529

Straight
Flute
直槽

HSS

ISO 2
6H

60°

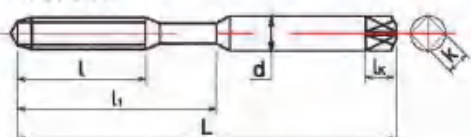
切刃牙
2.5



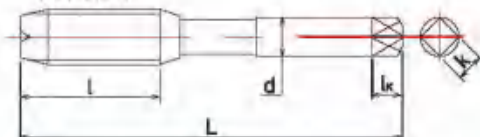
适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T902 Taps Series

产品编号(code)	公制牙(MF)		外 型 尺 寸								Unit:mm	单 价
T902	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T902
00300350	M3	0.35	48	11	18	3.15	2.5	5	2	3		22.50
00400500	M4	0.50	53	13	20	4.00	3.15	6	2	3		22.50
00450500	M4.5	0.50	53	13	21	4.50	3.55	6	2	3		22.50
00500500	M5	0.50	58	16	21	5.00	4.00	6	2	3		22.50
00500750	M5	0.75	58	16	25	5.00	4.00	6	2	3		22.50
00550500	M5.5	0.50	62	17	30	5.60	4.50	6	2	3		24.50
00600750	M6	0.75	66	19	30	6.30	5.00	8	2	3		24.50
00700750	M7	0.75	66	19		7.10	5.60	7	3	4		28.60
00800750	M8	0.75	69	19		8.00	6.30	8	3	4		30.00
00801000	M8	1.00	69	19		8.00	6.30	8	3	4		28.60
00901000	M9	1.00	69	19		9.00	7.10	8	3	4		35.00
01000750	M10	0.75	76	20		10.00	8.00	9	3	4		36.80
01001000	M10	1.00	76	20		10.00	8.00	9	3	4		35.00
01001250	M10	1.25	76	20		10.00	8.00	9	3	4		35.00
01201000	M12	1.00	84	24		9.00	7.10	10	3	4		50.00
01201250	M12	1.25	84	24		9.00	7.10	10	3	4		47.80
01201500	M12	1.50	89	29		9.00	7.10	10	3	4		47.80
01401000	M14	1.00	90	25		11.20	9.00	12	3	4		56.60
01401250	M14	1.25	90	25		11.20	9.00	12	3	4		53.90
01401500	M14	1.50	95	30		11.2	9.0	12	3	4		53.90
01501000	M15	1.00	95	30		11.2	9.0	12	3	4		65.60
01501500	M15	1.50	95	30		11.2	9.0	12	3	4		62.50
01601000	M16	1.00	95	25		12.5	10.0	13	3	4		65.60
01601500	M16	1.50	102	32		12.5	10.0	13	3	4		62.50

HAND TAPS

ISO 529 公制细牙手用丝攻系列

T902 Taps Series

产品编号(code)	公制牙(MF)		外 型 尺 寸								Unit:mm	单 价
T902	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes		T902
01801000	M18	1.00	104	29		14.0	11.2	14	3	4		98.30
01801500	M18	1.50	104	29		14.0	11.2	14	3	4		93.60
01802000	M18	2.00	112	37		14.0	11.2	14	3	4		93.60
02001000	M20	1.00	104	29		14.0	11.2	14	3	4		124.00
02001500	M20	1.50	104	29		14.0	11.2	14	3	4		112.80
02002000	M20	2.00	112	37		14.0	11.2	14	3	4		112.80
02201000	M22	1.00	113	33		16.0	12.5	16	3	4		146.00
02201500	M22	1.50	113	33		16.0	12.5	16	3	4		139.00
02202000	M22	2.00	118	38		16.0	12.5	16	3	4		139.00
02401000	M24	1.00	120	35		18.0	14.0	18	3	4		174.60
02401500	M24	1.50	120	35		18.0	14.0	18	3	4		166.30
02402000	M24	2.00	120	35		18.0	14.0	18	3	4		166.30
02701500	M27	1.50	127	37		20.0	16.0	20	3	4		189.00
02702000	M27	2.00	127	37		20.0	16.0	20	3	4		180.00
02801500	M28	1.50	127	37		20.0	16.0	20	3	4		192.50
03001000	M30	1.00	127	37		20.0	16.0	20	3	4		340.00
03001500	M30	1.50	127	37		20.0	16.0	20	3	4		329.00
03003000	M30	3.00	138	48		20.0	16.0	20	3	4		329.00
03201500	M32	1.50	137	37		22.4	18.0	22	3	4		336.40
03202000	M32	2.0	137	37		22.4	18.0	22	3	4		336.40
03301500	M33	1.5	137	37		22.4	18.0	22	3	4		336.40
03302000	M33	2.0	137	37		22.4	18.0	22	3	4		336.40
03303000	M33	3.0	151	51		22.4	18.0	22	3	4		336.40
03601500	M36	1.5	144	39		25.0	20.0	24	3	4		399.80
03602000	M36	2.0	144	39		25.0	20.0	24	3	4		399.80
03603000	M36	3.0	162	57		25.0	20.0	24	3	4		399.80
03801500	M38	1.5	149	39		28.0	22.4	26	3	6		380.00
03802000	M38	2.0	149	39		28.0	22.4	26	3	6		418.00
03901500	M39	1.5	149	39		28.0	22.4	26	3	6		452.00
04002000	M40	2.0	149	39		28.0	22.4	26	3	6		486.00
04003000	M40	3.0	170	60		28.0	22.4	26	3	6		486.00
04201500	M42	1.5	149	39		28.0	22.4	26	3	6		518.00
04202000	M42	2.0	149	39		28.0	22.4	26	3	6		518.00
04203000	M42	3.0	170	60		28.0	22.4	26	3	6		518.00
04204000	M42	4.0	170	60		28.0	22.4	26	3	6		518.00
04501500	M45	1.5	165	45		31.5	25.0	28	3	6		636.00
04502000	M45	2.0	165	45		31.5	25.0	28	3	6		636.00
04503000	M45	3.0	187	67		31.5	25.0	28	3	6		636.00
04801500	M48	1.5	165	45		31.5	25.0	28	3	6		708.00
04802000	M48	2.0	165	45		31.5	25.0	28	3	6		708.00
04804000	M48	4.0	187	67		31.5	25.0	28	3	6		708.00
05003000	M50	3.0	187	67		31.5	25.0	28	3	6		826.00
05202000	M52	2.0	175	45		35.5	28.0	31	3	6		920.00
05203000	M52	3.0	200	70		35.5	28.0	31	3	6		920.00
05204000	M52	4.0	200	70		35.5	28.0	31	3	6		920.00

HAND TAPS

ISO 529 美制粗牙手用丝攻系列

UNC

ISO
529

Straight
Flute
直槽

HSS

ISO 2
6H

60°

切刃牙
2.5

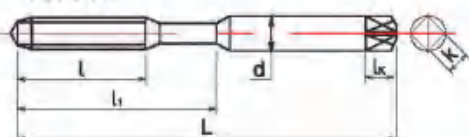


适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

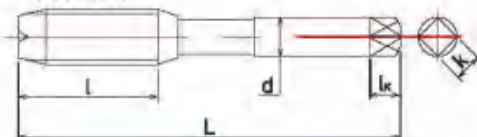
通/盲孔
加工皆适



TYPE: 2



TYPE: 3



T903 Taps Series

产品编号(code)	美制牙 (UNC)		外型尺寸							Unit:mm	单价
T903	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T903
00004400	No.4-40	2.845	48	11		3.15	2.50	5	2	3	22.50
00005400	No.5-40	3.175	48	11		3.15	2.50	5	2	3	22.50
00006320	No.6-32	3.505	50	13		3.55	2.80	5	2	3	22.50
00008320	No.8-32	4.166	53	13		4.50	3.55	6	2	3	22.50
00010240	No.10-24	4.826	58	16		5.00	4.00	7	2	3	22.50
00012240	No.12-24	5.486	62	17		5.60	4.50	7	2	3	22.50
00104200	1/4-20	6.350	66	19		6.30	5.00	8	3	3	24.50
00516180	5/16-18	7.938	72	22		8.00	6.30	9	3	4	29.80
00308160	3/8-16	9.525	80	24		10.00	8.00	11	3	4	35.00
00716140	7/16-14	11.112	85	25		8.00	6.30	9	3	4	47.80
00102130	1/2-13	12.700	89	29		9.00	7.10	10	3	4	53.90
00916120	9/16-12	14.288	95	30		11.20	9.00	12	3	4	55.90
00508110	5/8-11	15.875	102	32		12.50	10.0	13	3	4	63.60
00304100	3/4-10	19.050	112	37		14.00	11.2	14	3	4	112.60
00708090	7/8-9	22.225	118	38		16.00	12.5	16	3	4	153.50
10000080	1-8	25.400	130	45		18.00	14.0	18	3	4	187.00
10108070	1 1/8-7	28.575	138	48		20.00	16.0	20	3	4	227.30
10104070	1 1/4-7	31.750	151	51		22.40	18.0	22	3	4	336.90
10308060	1 3/8-6	34.925	162	57		25.00	20.0	24	3	4	399.80
10102060	1 1/2-6	38.100	170	60		28.00	22.4	26	3	6	446.90

HAND TAPS

ISO 529 美制细牙手用丝攻系列

UNF

ISO
529

Straight
Flute
直槽

HSS

ISO 2
6H

60°

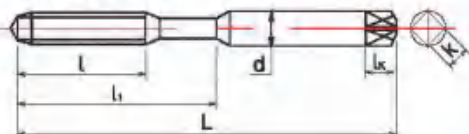
切刃牙
2.5



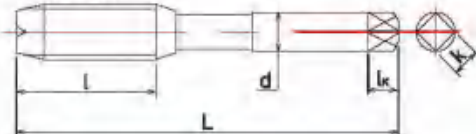
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T904 Taps Series

产品编号(code)	美制牙 (UNF)		外型尺寸							Unit:mm	单 价
T904	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T904
00004480	No.4-48	2.845	48	11		3.15	2.50	5	2	3	22.50
00005440	No.5-44	3.175	48	11		3.15	2.50	5	2	3	22.50
00006400	No.6-40	3.505	50	13		3.55	2.80	5	2	3	22.50
00008360	No.8-36	4.166	53	13		4.50	3.55	6	2	3	22.50
00010320	No.10-32	4.826	58	16		5.00	4.00	7	2	3	22.50
00012280	No.12-28	5.486	62	17		5.60	4.50	7	2	3	22.50
00104280	1/4-28	6.350	66	19		6.30	5.00	8	3	3	24.50
00516240	5/16-24	7.938	69	19		8.00	6.30	9	3	4	29.80
00308240	3/8-24	9.525	76	20		10.00	8.00	11	3	4	35.00
00716200	7/16-20	11.112	82	22		8.00	6.30	9	3	4	47.80
00102200	1/2-20	12.700	84	24		9.00	7.10	10	3	4	53.90
00916180	9/16-18	14.288	90	25		11.20	9.00	12	3	4	55.90
00508180	5/8-18	15.875	95	25		12.50	10.0	13	3	4	63.60
00304160	3/4-16	19.050	104	29		14.00	11.2	14	3	4	112.60
00708140	7/8-14	22.225	113	33		16.00	12.5	16	3	4	153.50
10000120	1-12	25.400	120	35		18.00	14.0	18	3	4	187.00
10108120	1 1/8-12	28.575	127	37		20.00	16.0	20	3	4	227.30
10104120	1 1/4-12	31.750	137	37		22.40	18.0	22	3	4	336.90
10308120	1 3/8-12	34.925	144	39		25.00	20.0	24	3	4	399.80
10102120	1 1/2-12	38.100	149	39		28.00	22.4	26	3	6	446.90

HAND TAPS

ISO 529 英制粗牙手用丝攻系列

BSW

ISO
529

Straight
Flute
直槽

HSS

ISO 2
6H

55°

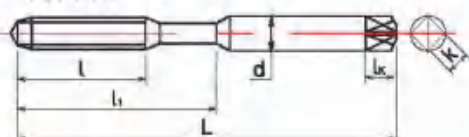
切刃牙
2.5



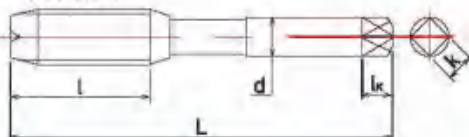
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T905 Taps Series

产品编号(code)	英制牙 (BSW)		外型尺寸							Unit:mm	单 价
T905	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T905
00108400	1/8W40	3.175	48	11		3.15	2.50	5	2	3	22.50
00532320	5/32W32	3.969	53	13		4.00	3.15	7	2	3	22.50
00316240	3/16W24	4.762	58	16		5.00	4.00	7	2	3	22.50
00732280	7/32W28	5.556	62	17		5.60	4.50	7	2	3	24.50
00104200	1/4W20	6.350	66	19		6.30	5.00	8	3	3	24.50
00516180	5/16W18	7.938	72	22		8.00	6.30	9	3	4	29.80
00308160	3/8W16	9.525	80	24		10.0	8.00	11	3	4	35.00
00716140	7/16W14	11.112	85	25		8.00	6.30	9	3	4	47.80
00102120	1/2W12	12.700	89	29		9.00	7.10	10	3	4	53.90
00916120	9/16W12	14.288	95	30		11.2	9.00	12	3	4	55.90
00508110	5/8W11	15.875	102	32		12.5	10.0	13	3	4	63.60
00304100	3/4W10	19.050	112	37		14.0	11.2	14	3	4	112.60
00708090	7/8W9	22.225	118	38		16.0	12.5	16	3	4	153.50
10000080	1W8	25.400	130	45		18.0	14.0	18	3	4	187.00
10108070	1 1/8W7	28.575	138	48		20.0	16.0	20	3	4	227.30
10104070	1 1/4W7	31.750	151	51		22.4	18.0	22	3	4	336.90
10308060	1 3/8W6	34.925	162	57		25.0	20.0	24	3	4	399.80
10102060	1 1/2W6	38.100	170	60		28.0	22.4	26	3	6	446.90
10508050	1 5/8W8	41.275	170	60		28.0	22.4	26	3	4	580.00
10304050	1 3/4W5	44.450	187	67		31.5	25.0	28	3	6	624.30
20000045	2W4 1/2	50.800	200	70		35.5	28.0	31	3	6	850.00

SPIRAL FLUTED TAPS

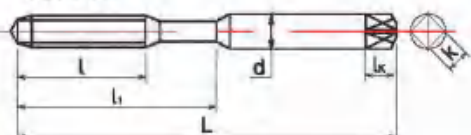
ISO 529 公制粗牙螺旋槽系列



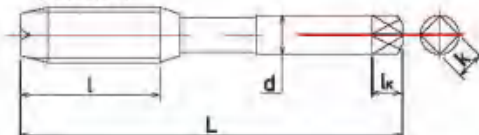
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T1001 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸								Unit:mm	单 价
T1001	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T1001
00300500	M3	0.50	48	11	18	3.15	2.50	5	2	3		24.80
00350600	M3.5	0.60	50	13	20	3.55	2.80	5	2	3		24.80
00400700	M4	0.70	53	13	21	4.00	3.15	6	2	3		24.80
00450750	M4.5	0.75	53	13	21	4.50	3.55	6	2	3		24.80
00500800	M5	0.80	58	16	25	5.00	4.00	6	2	3		24.80
00601000	M6	1.00	66	19	30	6.30	5.00	8	2	3		27.00
00701000	M7	1.00	66	19	30	7.10	5.60	7	3	3		31.50
00801250	M8	1.25	72	22		8.00	6.30	8	3	3		31.50
00901250	M9	1.25	72	22		9.00	7.10	8	3	3		38.50
01001500	M10	1.50	80	24		10.0	8.00	9	3	3		38.50
01101500	M11	1.50	85	25		8.00	6.30	9	3	3		52.50
01201750	M12	1.75	89	29		9.00	7.10	10	3	3		52.50
01402000	M14	2.00	95	30		11.2	9.00	12	3	3		59.30
01602000	M16	2.00	102	32		12.5	10.0	13	3	3		68.80
01802500	M18	2.50	112	37		14.0	11.2	14	3	3		103.00
02002500	M20	2.50	112	37		14.0	11.2	14	3	3		124.00
02202500	M22	2.50	118	38		16.0	12.5	16	3	3		153.20
02403000	M24	3.00	130	45		18.0	14.0	18	3	4		183.00
02703000	M27	3.00	135	45		20.0	16.0	20	3	4		198.00
03003500	M30	3.50	138	48		20.0	16.0	20	3	4		316.60
03303500	M33	3.50	151	51		22.4	18.0	22	3	4		370.00
03604000	M36	4.00	162	57		25.0	20.0	24	3	4		439.80

SPIRAL FLUTED TAPS

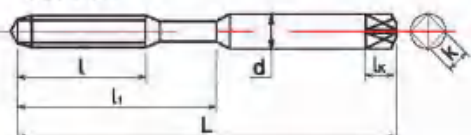
ISO 529 公制细牙螺旋槽系列



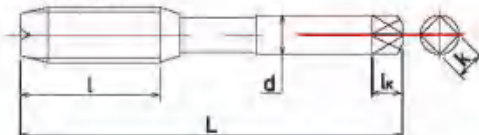
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T1002 Taps Series

产品编号(code)	公制牙 (MF)		外型尺寸								Unit:mm	单 价
T1002	Size	Pitch	L	l	li	d	k	lk	Type	Flutes		T1002
00300350	M3	0.35	48	11	18	3.15	2.50	5	2	3		24.80
00400500	M4	0.50	53	13	20	4.00	3.15	6	2	3		24.80
00450500	M4.5	0.50	53	13	21	4.50	3.55	6	2	3		24.80
00500500	M5	0.50	58	16	21	5.00	4.00	6	2	3		24.80
00500750	M5	0.75	58	16	25	5.00	4.00	6	2	3		24.80
00550500	M5.5	0.50	62	17	30	5.60	4.50	6	2	3		27.00
00600750	M6	0.75	66	19	30	6.30	5.00	8	2	3		27.00
00700750	M7	0.75	66	19		7.10	5.60	7	3	3		31.50
00800750	M8	0.75	69	19		8.00	6.30	8	3	3		33.00
00801000	M8	1.00	69	19		8.00	6.30	8	3	3		31.50
00900750	M9	0.75	69	19		9.00	7.10	8	3	3		38.50
00901000	M9	1.00	69	19		9.00	7.10	8	3	3		38.50
01000750	M10	0.75	76	20		10.0	8.00	9	3	3		42.80
01001000	M10	1.00	76	20		10.0	8.00	9	3	3		40.80
01001250	M10	1.25	76	20		10.0	8.00	9	3	3		38.50
01101000	M11	1.00	82	22		8.00	6.30	9	3	3		55.65
01101250	M11	1.25	82	22		8.00	6.30	9	3	3		52.50
01201000	M12	1.00	84	24		9.00	7.10	10	3	3		57.75
01201250	M12	1.25	84	24		9.00	7.10	10	3	3		52.50
01201500	M12	1.50	89	29		9.00	7.10	10	3	3		52.50
01401000	M14	1.00	90	25		11.2	9.00	12	3	3		65.10
01401250	M14	1.25	90	25		11.2	9.00	12	3	4		59.30
01401500	M14	1.50	95	30		11.2	9.0	12	3	3		59.30
01501000	M15	1.00	95	30		11.2	9.0	12	3	3		75.60

SPIRAL FLUTED TAPS

ISO 529 公制细牙螺旋槽系列

T1002 Taps Series

产品编号(code)	公制牙 (MF)		外 型 尺 寸								Unit:mm	单 价
T1002	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes		T1002
01501500	M15	1.50	95	30		11.2	9.0	12	3	3		68.80
01601000	M16	1.00	95	25		12.5	10.0	13	3	3		75.60
01601500	M16	1.50	102	32		12.5	10.0	13	3	3		68.80
01701500	M17	1.50	102	32		12.5	10.0	13	3	3		108.00
01801000	M18	1.00	104	29		14.0	11.2	14	3	3		113.40
01801250	M18	1.25	104	29		14.0	11.2	14	3	3		108.00
01801500	M18	1.50	104	29		14.0	11.2	14	3	3		103.00
01802000	M18	2.00	112	37		14.0	11.2	14	3	3		102.90
02001000	M20	1.00	104	29		14.0	11.2	14	3	3		129.80
02001500	M20	1.50	104	29		14.0	11.2	14	3	3		123.90
02002000	M20	2.00	112	37		14.0	11.2	14	3	3		123.90
02201000	M22	1.00	113	33		16.0	12.5	16	3	3		168.00
02201500	M22	1.50	113	33		16.0	12.5	16	3	3		160.80
02202000	M22	2.00	118	38		16.0	12.5	16	3	3		153.20
02401000	M24	1.00	120	35		18.0	14.0	18	3	4		192.50
02401500	M24	1.50	120	35		18.0	14.0	18	3	4		183.00
02402000	M24	2.00	120	35		18.0	14.0	18	3	4		183.00
02501000	M25	1.00	120	35		18.0	14.0	18	3	4		197.20
02501500	M25	1.50	120	35		18.0	14.0	18	3	4		187.50
02502000	M25	2.00	120	35		18.0	14.0	18	3	4		187.50
02701500	M27	1.50	127	37		20.0	16.0	20	3	4		208.00
02702000	M27	2.00	127	37		20.0	16.0	20	3	4		198.00
02801500	M28	1.50	127	37		20.0	16.0	20	3	4		211.80
02802000	M28	2.00	127	37		20.0	16.0	20	3	4		211.80
03001000	M30	1.00	127	37		20.0	16.0	20	3	4		374.80
03001500	M30	1.50	127	37		20.0	16.0	20	3	4		362.00
03002000	M30	2.00	127	37		20.0	16.0	20	3	4		362.00
03003000	M30	3.00	138	48		20.0	16.0	20	3	4		362.00
03201500	M32	1.50	137	37		22.4	18.0	22	3	4		370.00
03202000	M32	2.00	137	37		22.4	18.0	22	3	4		370.00
03301500	M33	1.50	137	37		22.4	18.0	22	3	4		370.00
03302000	M33	2.00	137	37		22.4	18.0	22	3	4		370.00
03303000	M33	3.00	151	51		22.4	18.0	22	3	4		370.00
03501500	M35	1.50	144	39		25.0	20.0	24	3	4		396.90
03601500	M36	1.50	144	39		25.0	20.0	24	3	4		439.80
03602000	M36	2.00	144	39		25.0	20.0	24	3	4		439.80
03603000	M36	3.00	162	57		25.0	20.0	24	3	4		439.80

SPIRAL FLUTED TAPS

ISO 529 美制粗牙螺旋槽系列

UNC

ISO
529

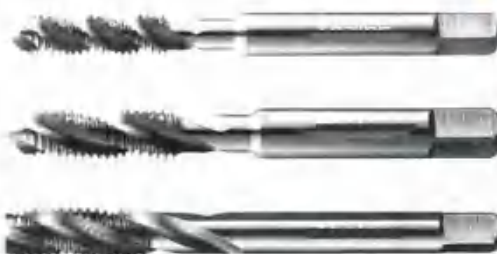
35°

HSS

ISO 2
6H

60°

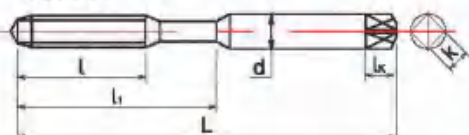
切刃牙
2.5



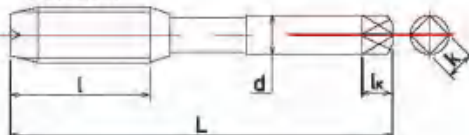
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T1003 Taps Series

产品编号(code)	美制牙 (UNC)		外型尺寸							Unit:mm	单 价
T1003	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T1003
00004400	No.4-40	2.845	48	11		3.15	2.50	5	2	3	24.80
00005400	No.5-40	3.175	48	11		3.15	2.50	5	2	3	24.80
00006320	No.6-32	3.505	50	13		3.55	2.80	5	2	3	24.80
00008320	No.8-32	4.166	53	13		4.50	3.55	6	2	3	24.80
00010240	No.10-24	4.826	58	16		5.00	4.00	7	2	3	24.80
00012240	No.12-24	5.486	62	17		5.60	4.50	7	2	3	24.80
00104200	1/4-20	6.350	66	19		6.30	5.00	8	3	3	27.00
00516180	5/16-18	7.938	72	22		8.00	6.30	9	3	3	32.80
00308160	3/8-16	9.525	80	24		10.00	8.00	11	3	3	38.50
00716140	7/16-14	11.112	85	25		8.00	6.30	9	3	3	52.50
00102130	1/2-13	12.700	89	29		9.00	7.10	10	3	3	59.30
00916120	9/16-12	14.288	95	32		11.2	9.00	12	3	3	61.50
00508110	5/8-11	15.875	102	37		12.5	10.0	13	3	3	70.00
00304100	3/4-10	19.050	112	38		14.0	11.2	14	3	3	123.90
00708090	7/8-9	22.225	118	45		16.0	12.5	16	3	3	168.80
10000080	1-8	25.400	130	48		18.0	14.0	18	3	3	205.80
10108070	1 1/8-7	28.575	138	48		20.0	16.0	20	3	4	250.00
10104070	1 1/4-7	31.750	151	51		22.4	18.0	22	3	4	370.60
10308060	1 3/8-6	34.925	162	57		25.0	20.0	24	3	4	439.80
10102060	1 1/2-6	38.100	170	60		28.0	22.4	26	3	4	491.60

SPIRAL FLUTED TAPS

ISO 529 美制细牙螺旋槽系列

UNF

ISO
529

35°

HSS

ISO 2
6H

60°

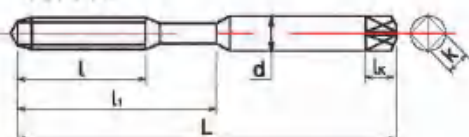
切刃牙
2.5



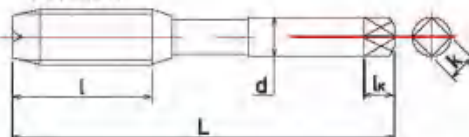
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T1004 Taps Series

产品编号(code)	美制牙 (UNC)		外型尺寸							Unit:mm	单 价
T1004	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T1004
00004480	No.4-48	2.845	48	11		3.15	2.50	5	2	3	24.80
00005440	No.5-44	3.175	48	11		3.15	2.50	5	2	3	24.80
00006400	No.6-40	3.505	50	13		3.55	2.80	5	2	3	24.80
00008360	No.8-36	4.166	53	13		4.50	3.55	6	2	3	24.80
00010320	No.10-32	4.826	58	16		5.00	4.00	7	2	3	24.80
00012280	No.12-28	5.486	62	17		5.60	4.50	7	2	3	24.80
00104280	1/4-28	6.350	66	19		6.30	5.00	8	3	3	27.00
00516240	5/16-24	7.938	69	19		8.00	6.30	9	3	3	32.80
00308240	3/8-24	9.525	76	20		10.0	8.00	11	3	3	38.50
00716200	7/16-20	11.112	82	22		8.00	6.30	9	3	3	52.50
00102200	1/2-20	12.700	84	24		9.00	7.10	10	3	3	59.30
00916180	9/16-18	14.288	90	25		11.2	9.00	12	3	3	61.50
00508180	5/8-18	15.875	95	25		12.5	10.0	13	3	3	70.00
00304160	3/4-16	19.050	104	29		14.0	11.2	14	3	3	123.90
00708140	7/8-14	22.225	113	33		16.0	12.5	16	3	3	168.80
10000120	1-12	25.400	120	35		18.0	14.0	18	3	3	205.80
10108120	1 1/8-12	28.575	127	37		20.0	16.0	20	3	4	250.00
10104120	1 1/4-12	31.750	137	37		22.4	18.0	22	3	4	370.60
10308120	1 3/8-12	34.925	144	39		25.0	20.0	24	3	4	439.80
10102120	1 1/2-12	38.100	149	39		28.0	22.4	26	3	4	491.60

SPIRAL FLUTED TAPS

ISO 529 英制粗牙螺旋槽系列

BSW

ISO
529

35°

HSS

ISO 2
6H

55°

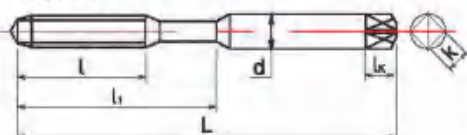
切刃牙
2.5



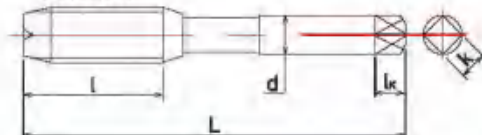
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T1005 Taps Series

产品编号(code)	英制牙 (BSW)		外型尺寸								Unit:mm	单 价
T1005	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes		T1005
00108400	1/8w40	3.175	48	11		3.15	2.50	5	2	3		24.80
00532320	5/32w32	3.969	53	13		4.00	3.15	7	2	3		24.80
00316240	3/16w24	4.762	58	16		5.00	4.00	7	2	3		24.80
00104200	1/4w20	6.350	66	19		6.30	5.00	8	3	3		27.00
00516180	5/16w18	7.938	72	22		8.00	6.30	9	3	3		32.80
00308160	3/8w16	9.525	80	24		10.00	8.00	11	3	3		38.50
00716140	7/16w14	11.112	85	25		8.00	6.30	9	3	3		52.50
00102120	1/2w12	12.700	89	29		9.00	7.10	10	3	3		59.30
00916120	9/16w12	14.288	95	30		11.20	9.00	12	3	3		61.50
00508110	5/8w11	15.875	102	32		12.50	10.0	13	3	3		70.00
00304100	3/4w10	19.050	112	37		14.00	11.2	14	3	3		123.90
00708090	7/8w9	22.225	118	38		16.00	12.5	16	3	3		168.80
10000080	1w8	25.400	130	45		18.00	14.0	18	3	3		205.80
10108070	1 1/8w7	28.575	138	48		20.00	16.0	20	3	4		250.00
10104070	1 1/4w7	31.750	151	51		22.40	18.0	22	3	4		370.60
10308060	1 3/8w6	34.925	162	57		25.00	20.0	24	3	4		439.80
10102050	1 1/2w5	38.100	170	60		28.00	22.4	26	3	4		491.60
10304050	1 3/4w5	44.450	187	67		31.50	25.0	28	3	4		686.80
20000045	2w4 1/2	50.800	200	70		35.50	28.0	31	3	4		936.00

SPIRAL FLUTED TAPS

ISO 529 英制细牙螺旋槽系列

BSF

ISO
529

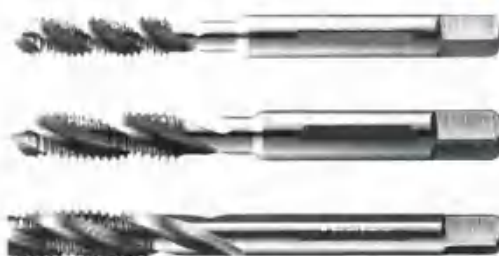
35°

HSS

ISO 2
6H

55°

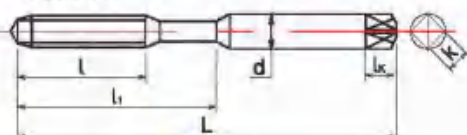
切刃牙
2.5



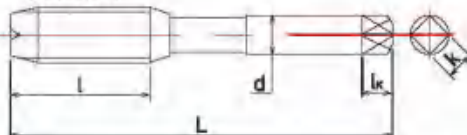
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通/盲孔
加工皆适

TYPE: 2



TYPE: 3



T1006 Taps Series

产品编号(code)	英制牙 (BSF)		外型尺寸							Unit:mm	单 价
T1006	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T1006
00316320	3/16-32	4.762	58	16		5.0	4.0	7	2	3	24.80
00732280	7/32-28	5.556	62	17		5.6	4.5	7	2	3	24.80
00104260	1/4-26	6.350	66	19		6.3	5.0	8	3	3	27.00
00932260	9/32-26	7.144	66	19		7.1	5.6	8	3	3	30.00
00516220	5/16-22	7.938	72	22		8.0	6.3	9	3	3	32.80
00308200	3/8-20	9.525	80	24		10.0	8.0	11	3	3	38.50
00716180	7/16-18	11.112	85	25		8.0	6.3	9	3	3	52.50
00102160	1/2-16	12.700	89	29		9.0	7.1	10	3	3	59.30
00916160	9/16-16	14.288	95	30		11.2	9.0	12	3	3	61.50
00508140	5/8-14	15.875	102	32		12.5	10.0	13	3	3	70.00
01116140	1 1/16-14	17.462	112	37		14.0	11.2	14	3	3	93.50
00304120	3/4-12	19.050	112	37		14.0	11.2	14	3	3	123.90
00708110	7/8-11	22.225	118	38		16.0	12.5	16	3	3	168.80
10000100	1-10	25.400	130	45		18.0	14.0	18	3	3	205.80
10108090	1 1/8-9	28.575	138	48		20.0	16.0	20	3	4	250.00
10104090	1 1/4-9	31.750	151	51		22.4	18.0	22	3	4	370.60
10308080	1 3/8-8	34.925	162	57		25.0	20.0	24	3	4	439.80
10102080	1 1/2-8	38.100	170	60		28.0	22.4	26	3	4	491.60
10508080	1 5/8-8	41.275	170	60		28.0	22.4	26	3	4	560.00
10304070	1 3/4-7	44.450	187	67		31.5	25.0	28	3	4	686.80
20000070	2-7	50.800	200	70		35.5	28.0	31	3	4	936.00

GUN-NOSE TAPS

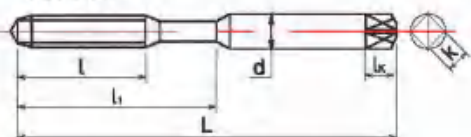
ISO 529 公制粗牙先端系列



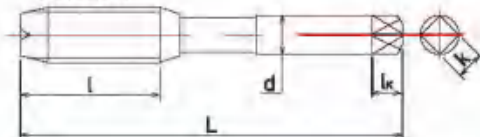
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T1101 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单 价
T1101	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T1101
00300500	M3	0.50	48	11		3.15	2.50	5	2	3	23.30
00350600	M3.5	0.60	50	13		3.55	2.80	5	2	3	23.30
00400700	M4	0.70	53	13		4.00	3.15	6	2	3	23.30
00450750	M4.5	0.75	53	13		4.50	3.55	6	2	3	23.30
00500800	M5	0.80	58	16		5.00	4.00	6	2	3	23.30
00601000	M6	1.00	66	19		6.30	5.00	8	2	3	25.70
00701000	M7	1.00	66	19		7.10	5.60	7	3	3	30.00
00801250	M8	1.25	72	22		8.00	6.30	8	3	3	30.00
00901250	M9	1.25	72	22		9.00	7.10	8	3	3	36.60
01001500	M10	1.50	80	24		10.0	8.00	9	3	3	36.60
01101500	M11	1.50	85	25		8.00	6.30	9	3	3	50.00
01201750	M12	1.75	89	29		9.00	7.10	10	3	3	50.00
01402000	M14	2.00	95	30		11.2	9.00	12	3	3	56.40
01602000	M16	2.00	102	32		12.5	10.0	13	3	3	65.40
01802500	M18	2.50	112	37		14.0	11.2	14	3	3	98.00
02002500	M20	2.50	112	37		14.0	11.2	14	3	3	118.00
02202500	M22	2.50	118	38		16.0	12.5	16	3	3	145.90
02403000	M24	3.00	130	45		18.0	14.0	18	3	3	174.30
02703000	M27	3.00	135	45		20.0	16.0	20	3	4	189.00
03003500	M30	3.50	138	48		20.0	16.0	20	3	4	344.40
03303500	M33	3.50	151	51		22.4	18.0	22	3	4	352.80
03604000	M36	4.00	162	57		25.0	20.0	24	3	4	418.90

GUN-NOSE TAPS

ISO 529 公制细牙先端系列

MF

ISO
529

Spiral
point
先端

HSS

ISO 2
6H

60°

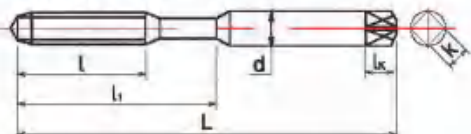
切刃牙
5



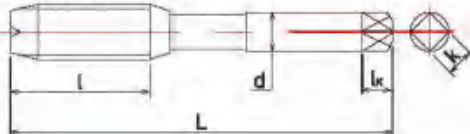
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T1102 Taps Series

产品编号(code)	公制牙 (MF)		外型尺寸							Unit:mm	单 价
T1102	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T1102
00300350	M3	0.35	48	11		3.15	2.5	5	2	3	23.30
00400500	M4	0.50	53	13		4.00	3.15	6	2	3	23.30
00450500	M4.5	0.50	53	13		4.50	3.55	6	2	3	23.30
00500500	M5	0.50	58	16		5.00	4.00	6	2	3	23.30
00500750	M5	0.75	58	16		5.00	4.00	6	2	3	23.30
00550500	M5.5	0.50	62	17		5.60	4.50	6	2	3	25.70
00600750	M6	0.75	66	19		6.30	5.00	8	2	3	25.70
00700750	M7	0.75	66	19		7.10	5.60	7	3	3	30.00
00800750	M8	0.75	69	19		8.00	6.30	8	3	3	30.00
00801000	M8	1.00	69	19		8.00	6.30	8	3	3	30.00
00900750	M9	0.75	69	19		9.00	7.10	8	3	3	36.60
00901000	M9	1.00	69	19		9.00	7.10	8	3	3	36.60
01000750	M10	0.75	76	20		10.0	8.00	9	3	3	39.60
01001000	M10	1.00	76	20		10.0	8.00	9	3	3	37.80
01001250	M10	1.25	76	20		10.0	8.00	9	3	3	36.00
01101000	M11	1.00	82	22		8.00	6.30	9	3	3	53.00
01101250	M11	1.25	82	22		8.00	6.30	9	3	3	50.00
01201000	M12	1.00	84	24		9.00	7.10	10	3	3	55.00
01201250	M12	1.25	84	24		9.00	7.10	10	3	3	50.00
01201500	M12	1.50	89	29		9.00	7.10	10	3	3	50.00
01401000	M14	1.00	90	25		11.2	9.00	12	3	3	62.00
01401250	M14	1.25	90	25		11.2	9.00	12	3	3	56.40

GUN-NOSE TAPS

ISO 529 公制细牙先端系列

T1102 Taps Series

产品编号(code)	公制牙 (MF)		外 型 尺 寸							Unit:mm	单 价
T1102	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T1102
01401500	M14	1.50	95	30		11.20	9.0	12	3	3	56.40
01601000	M16	1.00	95	25		12.5	10.0	13	3	3	72.00
01601500	M16	1.50	102	32		12.5	10.0	13	3	3	65.40
01801000	M18	1.00	104	29		14.0	11.2	14	3	3	108.00
01801250	M18	1.25	104	29		14.0	11.2	14	3	3	103.00
01801500	M18	1.50	104	29		14.0	11.2	14	3	3	98.00
01802000	M18	2.00	112	37		14.0	11.2	14	3	3	98.00
02001000	M20	1.00	104	29		14.0	11.2	14	3	3	129.80
02001500	M20	1.50	104	29		14.0	11.2	14	3	3	118.00
02002000	M20	2.00	112	37		14.0	11.2	14	3	3	118.00
02201000	M22	1.00	113	33		16.0	12.5	16	3	3	160.00
02201500	M22	1.50	113	33		16.0	12.5	16	3	3	153.00
02202000	M22	2.00	118	38		16.0	12.5	16	3	3	145.90
02401000	M24	1.00	120	35		18.0	14.0	18	3	3	183.30
02401500	M24	1.50	120	35		18.0	14.0	18	3	3	174.30
02402000	M24	2.00	120	35		18.0	14.0	18	3	3	174.30
02501000	M25	1.00	120	35		18.0	14.0	18	3	4	187.80
02501500	M25	1.50	120	35		18.0	14.0	18	3	4	178.50
02502000	M25	2.00	120	35		18.0	14.0	18	3	4	178.50
02701500	M27	1.50	127	37		20.0	16.0	20	3	4	198.50
02702000	M27	2.00	127	37		20.0	16.0	20	3	4	189.00
02801500	M28	1.50	127	37		20.0	16.0	20	3	4	201.60
02802000	M28	2.00	127	37		20.0	16.0	20	3	4	201.60
03001000	M30	1.00	127	37		20.0	16.0	20	3	4	357.00
03001500	M30	1.50	127	37		20.0	16.0	20	3	4	344.50
03002000	M30	2.00	127	37		20.0	16.0	20	3	4	344.50
03003000	M30	3.00	138	48		20.0	16.0	20	3	4	344.50
03201500	M32	1.50	137	37		22.4	18.0	22	3	4	352.80
03202000	M32	2.00	137	37		22.4	18.0	22	3	4	352.80
03301500	M33	1.50	137	37		22.4	18.0	22	3	4	352.80
03302000	M33	2.00	137	37		22.4	18.0	22	3	4	352.80
03303000	M33	3.00	151	51		22.4	18.0	22	3	4	352.80
03501500	M35	1.50	144	39		25.0	20.0	24	3	4	378.00
03601500	M36	1.50	144	39		25.0	20.0	24	3	4	418.80
03602000	M36	2.00	144	39		25.0	20.0	24	3	4	418.80
03603000	M36	3.00	162	57		25.0	20.0	24	3	4	418.80

GUN-NOSE TAPS

ISO 529 美制粗牙先端系列

UNC

ISO
529

Spiral
point
先端

HSS

ISO 2
6H

60°

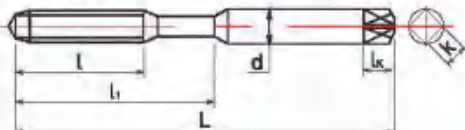
切削牙
5



● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T1103 Taps Series

产品编号(code)	美制牙 (UNC)		外型尺寸							Unit:mm	单 价
T1103	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T1103
00004400	No.4-40	2.845	48	11		3.15	2.50	5	2	3	23.30
00005400	No.5-40	3.175	48	11		3.15	2.50	5	2	3	23.30
00006320	No.6-32	3.505	50	13		3.55	2.80	5	2	3	23.30
00008320	No.8-32	4.166	53	13		4.50	3.55	6	2	3	23.30
00010240	No.10-24	4.826	58	16		5.00	4.00	7	2	3	23.30
00012240	No.12-24	5.486	62	17		5.60	4.50	7	2	3	23.30
00104200	1/4-20	6.350	66	19		6.30	5.00	8	3	3	25.70
00516180	5/16-18	7.938	69	19		8.00	6.30	9	3	3	31.20
00308160	3/8-16	9.525	76	20		10.0	8.00	11	3	3	36.60
00716140	7/16-14	11.112	82	22		8.00	6.30	9	3	3	50.00
00102130	1/2-13	12.700	84	24		9.00	7.10	10	3	3	56.40
00916120	9/16-12	14.288	90	25		11.2	9.00	12	3	3	58.50
00508110	5/8-11	15.875	95	25		12.5	10.0	13	3	3	66.60
00304100	3/4-10	19.050	104	29		14.0	11.2	14	3	3	118.00
00708090	7/8-9	22.225	113	33		16.0	12.5	16	3	3	160.60
10000080	1-8	25.400	120	35		18.0	14.0	18	3	4	196.00
10108070	1 1/8-7	28.575	127	37		20.0	16.0	20	3	4	238.00
10104070	1 1/4-7	31.750	137	37		22.4	18.0	22	3	4	352.80
10308060	1 3/8-6	34.925	144	39		25.0	20.0	24	3	4	418.90
10102060	1 1/2-6	38.100	149	39		28.0	22.4	26	3	4	468.00

GUN-NOSE TAPS

ISO 529 美制细牙先端系列

UNF

ISO
529

Spiral
point
先端

HSS

ISO 2
6H

60°

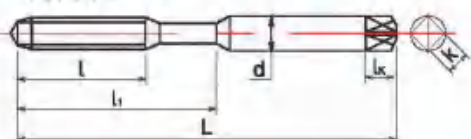
切刃牙
5



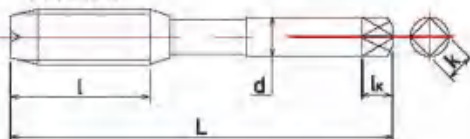
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T1104 Taps Series

产品编号(code)	美制牙 (UNF)		外型尺寸							Unit:mm	单 价
T1104	Size	Nominal Dia.	L	l	li	d	k	lk	Type	Flutes	T1104
00004480	No.4-48	2.845	48	11		3.15	2.50	5	2	3	23.30
00005440	No.5-44	3.175	48	11		3.15	2.50	5	2	3	23.30
00006400	No.6-40	3.505	50	13		3.55	2.80	5	2	3	23.30
00008360	No.8-36	4.166	53	13		4.50	3.55	6	2	3	23.30
00010320	No.10-32	4.826	58	16		5.00	4.00	7	2	3	23.30
00012280	No.12-28	5.486	62	17		5.60	4.50	7	2	3	23.30
00104280	1/4-28	6.350	66	19		6.30	5.00	8	3	3	25.70
00516240	5/16-24	7.938	69	19		8.00	6.30	9	3	3	31.20
00308240	3/8-24	9.525	76	20		10.0	8.00	11	3	3	36.60
00716200	7/16-20	11.112	82	22		8.00	6.30	9	3	3	50.00
00102200	1/2-20	12.700	84	24		9.00	7.10	10	3	3	56.40
00916180	9/16-18	14.288	90	25		11.2	9.00	12	3	3	58.50
00508180	5/8-18	15.875	95	25		12.5	10.0	13	3	3	66.60
00304160	3/4-16	19.050	104	29		14.0	11.2	14	3	3	118.00
00708140	7/8-14	22.225	113	33		16.0	12.5	16	3	3	160.60
10000120	1-12	25.400	120	35		18.0	14.0	18	3	4	196.00
10108120	1 1/8-12	28.575	127	37		20.0	16.0	20	3	4	238.00
10104120	1 1/4-12	31.750	137	37		22.4	18.0	22	3	4	352.80
10308120	1 3/8-12	34.925	144	39		25.0	20.0	24	3	4	418.90
10102120	1 1/2-12	38.100	149	39		28.0	22.4	26	3	4	468.00

GUN-NOSE TAPS

ISO 529 英制粗牙先端系列

BSW

ISO
529

Spiral
point
先端

HSS

ISO 2
6H

55°

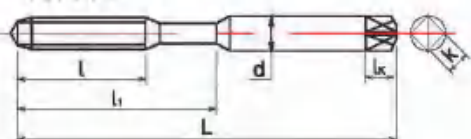
切刃牙
5



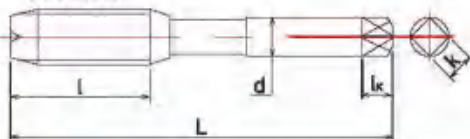
● 适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

通孔加工

TYPE: 2



TYPE: 3



T1105 Taps Series

产品编号(code)	英制牙 (BSW)		外型尺寸								Unit:mm	单 价
T1105	Size	Nominal Dia.	L	l	l ₁	d	k	lk	Type	Flutes		T1105
00108400	1/8W40	3.175	48	11		3.15	2.50	5	2	3		23.30
00532320	5/32W32	3.969	53	13		4.00	3.15	7	2	3		23.30
00316240	3/16W24	4.762	58	16		5.00	4.00	7	2	3		23.30
00104200	1/4W20	6.350	66	19		6.30	5.00	8	3	3		25.70
00516180	5/16W18	7.938	72	22		8.00	6.30	9	3	3		31.20
00308160	3/8W16	9.525	80	24		10.0	8.00	11	3	3		36.60
00716140	7/16W14	11.112	85	25		8.00	6.30	9	3	3		50.00
00102120	1/2W12	12.700	89	29		9.00	7.10	10	3	3		56.40
00916120	9/16W12	14.288	95	30		11.2	9.00	12	3	3		58.50
00508110	5/8W11	15.875	102	32		12.5	10.0	13	3	3		66.60
00304100	3/4W10	19.050	112	37		14.0	11.2	14	3	3		118.00
00708090	7/8W9	22.225	118	38		16.0	12.5	16	3	3		160.60
10000080	1W8	25.400	130	45		18.0	14.0	18	3	4		196.00
10108070	1 1/8W7	28.575	138	48		20.0	16.0	20	3	4		238.00
10104070	1 1/4W7	31.750	151	51		22.4	18.0	22	3	4		352.80
10308060	1 3/8W6	34.925	162	57		25.0	20.0	24	3	4		418.90
10102050	1 1/2W5	38.100	170	60		28.0	22.4	26	3	4		468.00
10304050	1 3/4W5	44.450	187	67		31.5	25.0	28	3	4		667.80
20000045	2W4 1/2	50.800	200	70		35.50	28	31	3	4		910.00

GUN-NOSE TAPS

ISO 529 英制细牙先端系列

BSF

ISO
529

Spiral
point
先端

HSS

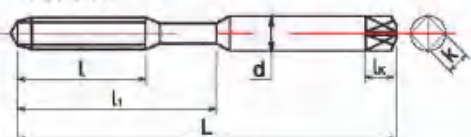
ISO 2
6H

55°

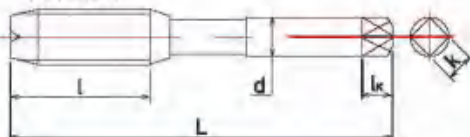
切刃牙
S



TYPE: 2



TYPE: 3



适用被切削材料：铸铁、青铜、低碳钢、中碳钢、工具钢、模具钢、铝、镁合金等。

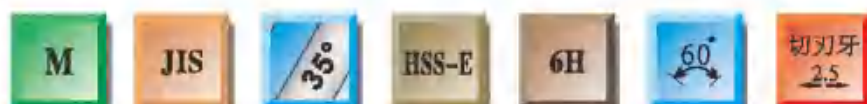
通孔加工

T1106 Taps Series

产品编号(code)	英制牙 (BSF)		外型尺寸							Unit:mm	单 价
T1106	Size	Nominal Dia.	L	l	l ₁	d	k	k ₁	Type	Flutes	T1106
00316320	3/16-32	4.762	58	16		5.00	4.0	7	2	3	23.30
00732280	7/32-28	5.556	62	17		5.60	4.5	7	2	3	23.30
00104260	1/4-26	6.350	66	19		6.30	5.0	8	3	3	25.70
00932260	9/32-26	7.144	66	19		7.10	5.6	8	3	3	28.60
00516220	5/16-22	7.938	72	22		8.00	6.3	9	3	3	31.20
00308200	3/8-20	9.525	80	24		10.0	8.0	11	3	3	36.60
00716180	7/16-18	11.112	85	25		8.00	6.3	9	3	3	50.00
00102160	1/2-16	12.700	89	29		9.00	7.1	10	3	3	56.40
00916160	9/16-16	14.288	95	30		11.2	9.0	12	3	3	58.50
00508140	5/8-14	15.875	102	32		12.5	10.0	13	3	3	66.60
01116140	1 1/16-14	17.462	112	37		14.0	11.2	14	3	3	89.00
00304120	3/4-12	19.050	112	37		14.0	11.2	14	3	3	118.00
00708110	7/8-11	22.225	118	38		16.0	12.5	16	3	3	160.60
10000100	1-10	25.400	130	45		18.0	14.0	18	3	4	196.00
10108090	1 1/8-9	28.575	138	48		20.0	16.0	20	3	4	238.00
10104090	1 1/4-9	31.750	151	51		22.4	18.0	22	3	4	352.80
10308080	1 3/8-8	34.925	162	57		25.0	20.0	24	3	4	418.90
10102080	1 1/2-8	38.100	170	60		28.0	22.4	26	3	4	468.00
10508080	1 5/8-8	41.275	170	60		28.0	22.4	26	3	4	538.00
10304070	1 3/4-7	44.450	187	67		31.5	25.0	28	3	4	667.80
20000070	2-7	50.800	200	70		35.5	28.0	31	3	4	910.00

LONG SHANK TAPS

JIS 公制加长螺旋 · 先端系列

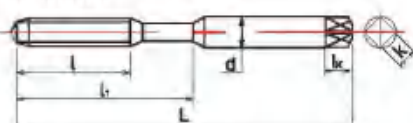


● 适用于深孔螺纹加工。

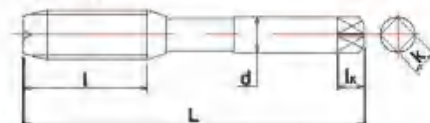
通孔加工

盲孔加工适应

TYPE: 2



TYPE: 3



T310&T410 (L=100mm)

Unit: mm

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	单价
00300500	M3×0.5	11	4.0	3.2	6	3	131.00
00400700	M4×0.7	13	5.0	4.0	7	3	131.00
00500800	M5×0.8	16	5.5	4.5	7	3	120.00
00601000	M6×1	19	6.0	4.5	7	3	120.00
00801250	M8×1.25	22	6.2	5.0	8	3	135.00
01001500	M10×1.5	24	7.0	5.5	8	3	144.00

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	单价
01001250	M10×1.25	24	7.0	5.5	8	3	153.00
01201750	M12×1.75	29	8.5	6.5	9	3	198.00
01201500	M12×1.5	29	8.5	6.5	9	3	198.00
01201250	M12×1.25	29	8.5	6.5	9	3	210.00
01402000	M14×2	30	10.5	8.0	11	3	241.00
01401500	M14×1.5	30	10.5	8.0	11	3	248.00

T315&T415 (L=150mm)

Unit: mm

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	单价
00300500	M3×0.5	11	4.0	3.2	6	3	209.6
00400700	M4×0.7	13	5.0	4.0	7	3	209.6
00500800	M5×0.8	16	5.5	4.5	7	3	168.00
00601000	M6×1	19	6.0	4.5	7	3	168.00
00801250	M8×1.25	22	6.2	5.0	8	3	189.00
01001500	M10×1.5	24	7.0	5.5	8	3	202.00
01001250	M10×1.25	24	7.0	5.5	8	3	214.00
01201750	M12×1.75	29	8.5	6.5	9	3	277.00
01201500	M12×1.5	29	8.5	6.5	9	3	277.00
01201250	M12×1.25	29	8.5	6.5	9	3	293.00
01402000	M14×2	30	10.5	8.0	11	3	338.00

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	单价
01401500	M14×1.5	30	10.5	8	11	3	358.00
01602000	M16×2	32	12.5	10	13	3	388.00
01601500	M16×1.5	32	12.5	10	13	3	388.00
01802500	M18×2.5	37	14.0	11	14	4	432.00
01801500	M18×1.5	37	14.0	11	14	4	432.00
02002500	M20×2.5	37	15.0	12	15	4	486.00
02001500	M20×1.5	37	15.0	12	15	4	486.00
02202500	M22×2.5	38	17.0	13	16	4	612.00
02201500	M22×1.5	38	17.0	13	16	4	612.00
02403000	M24×3	45	19.0	15	18	4	774.00
02401500	M24×1.5	45	19.0	15	18	4	774.00

T320&T420 (L=200mm)

Unit: mm

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	单价
00801250	M8×1.25	22	6.2	5.0	8	3	217.00
01001500	M10×1.5	24	7.0	5.5	8	3	232.00
01001250	M10×1.25	24	7.0	5.5	8	3	246.00
01201750	M12×1.75	29	8.5	6.5	9	3	319.00
01201500	M12×1.5	29	8.5	6.5	9	3	319.00
01201250	M12×1.25	29	8.5	6.5	9	3	337.00
01402000	M14×2	30	10.5	8.0	11	3	388.00
01401500	M14×1.5	30	10.5	8.0	11	3	412.00
01602000	M16×2	32	12.5	10.0	13	3	446.00

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	单价
01601500	M16×1.5	32	12.5	10	13	3	446.00
01802500	M18×2.5	37	14.0	11	14	4	497.00
01801500	M18×1.5	37	14.0	11	14	4	497.00
02002500	M20×2.5	37	15.0	12	15	4	559.00
02001500	M20×1.5	37	15.0	12	15	4	559.00
02202500	M22×2.5	38	17.0	13	16	4	704.00
02201500	M22×1.5	38	17.0	13	16	4	704.00
02403000	M24×3	45	19.0	15	18	4	890.00
02401500	M24×1.5	45	19.0	15	18	4	890.00

DIN371/376 SPIRAL FLUTE MACHINE TAPS

DIN371/376 公制螺旋槽系列

M

DIN

35°

HSS-E

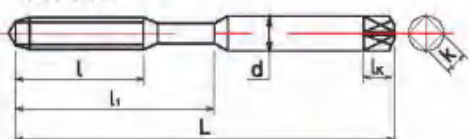
6H

60°

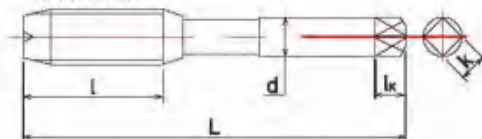
切刃牙
2.5



TYPE: 2



TYPE: 3



- 抗拉强度600-900N/MM²的高碳钢镍基合金、合金工具、青铜、铸铁等。
- 抗拉强度750N/MM²以下中低碳钢、铜、铝、镁合金。

通/盲孔
加工皆适



T101 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单 价
T101	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T101
00300500	M3	0.50	56	11	18	3.5	2.7	6.0	2	3	43.40
00350600	M3.5	0.60	56	13	20	4.0	3.0	6.0	2	3	43.40
00400700	M4	0.70	63	13	21	4.5	3.4	6.0	2	3	43.40
00500800	M5	0.80	70	16	25	6.0	4.9	8.0	2	3	43.40
00601000	M6	1.00	80	19	30	6.0	4.9	8.0	2	3	45.50
00801250	M8	1.25	90	22	35	8.0	6.2	9.0	3	3	68.00
01001500	M10	1.50	100	24	39	10	8.0	11.0	3	3	88.00
01201750	M12	1.75	110	29		9.0	7.0	10.0	3	3	108.00
01402000	M14	2.00	110	30		11	9.0	12.0	3	4	134.00
01602000	M16	2.00	110	32		12	9.0	12.0	3	4	162.80
01802500	M18	2.50	125	34		14	11.0	14.0	3	4	218.00
02002500	M20	2.50	140	34		16	12.0	15.0	3	4	295.00
02202500	M22	2.50	140	34		18	14.5	17.0	3	4	396.00
02403000	M24	3.00	160	38		18	14.5	17.0	3	4	478.00

DIN371/376 GUN-NOSE MACHINE TAPS

DIN371/376 公制先端系列

M

DIN

Spiral
point
先端

HSS-E

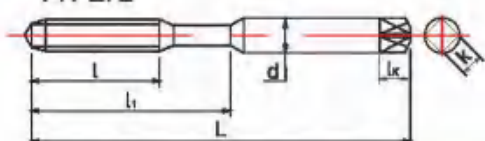
6H

60°

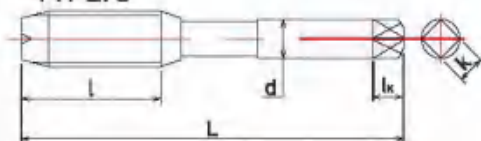
切刃牙
5



TYPE: 2



TYPE: 3



- 抗拉强度600-900N/MM²的高碳钢镍基合金、合金工具、青铜、铸铁等。
- 抗拉强度750N/MM²以下中低碳钢、铜、铝、镁合金。

通孔加工

T102 Taps Series

产品编号(code)	公制牙 (M)		外型尺寸							Unit:mm	单 价
T102	Size	Pitch	L	l	li	d	k	lk	Type	Flutes	T102
00300500	M3	0.50	56	11	18	3.5	2.7	6.0	2	3	41.30
00350600	M3.5	0.60	56	13	20	4.0	3.0	6.0	2	3	41.30
00400700	M4	0.70	63	13	21	4.5	3.4	6.0	2	3	41.30
00500800	M5	0.80	70	16	25	6.0	4.9	8.0	2	3	41.30
00601000	M6	1.00	80	19	30	6.0	4.9	8.0	2	3	43.30
00801250	M8	1.25	90	22	35	8.0	6.2	9.0	3	3	65.00
01001500	M10	1.50	100	24	39	10	8.0	11.0	3	3	84.00
01201750	M12	1.75	110	29		9.0	7.0	10.0	3	3	102.80
01402000	M14	2.00	110	30		11	9.0	12.0	3	4	128.00
01602000	M16	2.00	110	32		12	9.0	12.0	3	4	155.00
01802500	M18	2.50	125	34		14	11.0	14.0	3	4	208.00
02002500	M20	2.50	140	34		16	12.0	15.0	3	4	280.80
02202500	M22	2.50	140	34		18	14.5	17.0	3	4	378.00
02403000	M24	3.00	160	38		18	14.5	17.0	3	4	455.00

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



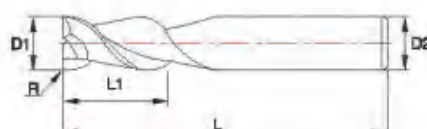
2刃45°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	○
S	○
N	●
K	○
M	○
P	○



X121 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X121	D1	D2	L1	L	R	Flutes	JF500M	X121
S2GA0308038	3	3	8	38	-	2	●	
S2GA0308038R030	3	3	8	38	0.30	2	●	
S2GA0308038R050	3	3	8	38	0.50	2	●	
S2GA0410050	4	4	10	50	-	2	●	
S2GA0410050R050	4	4	10	50	0.50	2	●	
S2GA0410050R080	4	4	10	50	0.80	2	●	
S2GA0510050	5	5	10	50	-	2	●	
S2GA0510050R050	5	5	10	50	0.50	2	●	
S2GA0510050R100	5	5	10	50	1.00	2	●	
S2GA0613057	6	6	13	57	-	2	●	
S2GA0613057R050	6	6	13	57	0.50	2	●	
S2GA0613057R100	6	6	13	57	1.00	2	●	
S2GA0819060	8	8	19	60	-	2	●	
S2GA0819060R050	8	8	19	60	0.50	2	●	
S2GA0819060R100	8	8	19	60	1.00	2	●	
S2GA0819060R150	8	8	19	60	1.50	2	●	
S2GA1022075	10	10	22	75	-	2	●	
S2GA1022075R050	10	10	22	75	0.50	2	●	
S2GA1022075R100	10	10	22	75	1.00	2	●	
S2GA1022075R150	10	10	22	75	1.50	2	●	
S2GA1226075	12	12	26	75	-	2	●	
S2GA1226075R100	12	12	26	75	1.00	2	●	
S2GA1226075R150	12	12	26	75	1.50	2	●	
S2GA1226075R200	12	12	26	75	2.00	2	●	
S2GA1426084	14	14	26	84	-	2	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



2刃45°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	○
S	○
N	●
K	○
M	○
P	○



X121 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X121	D1	D2	L1	L	R	Flutes	JF500M	X121
S2GA1426084R100	14	14	26	84	0	2	●	
S2GA1426084R150	14	14	26	84	1.50	2	●	
S2GA1426084R200	14	14	26	84	2.00	2	●	
S2GA1632090	16	16	32	90	-	2	●	
S2GA1632090R100	16	16	32	90	1.00	2	●	
S2GA1632090R200	16	16	32	90	2.00	2	●	
S2GA1632090R250	16	16	32	90	2.50	2	●	
S2GA1632090R300	16	16	32	90	3.00	2	●	
S2GA1838100	18	18	38	100	-	2	●	
S2GA1838100R100	18	18	38	100	1.00	2	●	
S2GA1838100R200	18	18	38	100	2.00	2	●	
S2GA1838100R250	18	18	38	100	2.50	2	●	
S2GA1838100R300	18	18	38	100	3.00	2	●	
S2GA2038100	20	20	38	100	-	2	●	
S2GA2038100R100	20	20	38	100	1.00	2	●	
S2GA2038100R200	20	20	38	100	2.00	2	●	
S2GA2038100R300	20	20	38	100	3.00	2	●	
S2GA2038100R400	20	20	38	100	4.00	2	●	
S2GA2038100R500	20	20	38	100	5.00	2	●	
S2GA2545120	25	25	45	120	-	2	●	
S2GA2545120R100	25	25	45	120	1.00	2	●	
S2GA2545120R200	25	25	45	120	2.00	2	●	
S2GA2545120R300	25	25	45	120	3.00	2	●	
S2GA2545120R400	25	25	45	120	4.00	2	●	
S2GA2545120R500	25	25	45	120	5.00	2	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



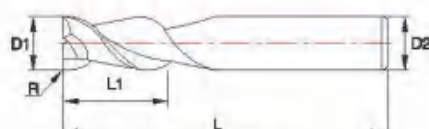
2刃45°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	○
S	○
N	●
K	○
M	○
P	○



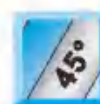
X122 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X122	D1	D2	L1	L	R	Flutes	JF500M	X122
S2GA0308038B	3	3	8	38	1.50	2	●	
S2GA0410050B	4	4	10	50	2.00	2	●	
S2GA0510050B	5	5	10	50	2.50	2	●	
S2GA0613057B	6	6	13	57	3.00	2	●	
S2GA0819060B	8	8	19	60	4.00	2	●	
S2GA1022075B	10	10	22	75	5.00	2	●	
S2GA1226075B	12	12	26	75	6.00	2	●	
S2GA1426084B	14	14	26	84	7.00	2	●	
S2GA1632090B	16	15	32	90	8.00	2	●	
S2GA1838100B	18	18	38	100	9.00	2	●	
S2GA2038100B	20	20	38	100	10.00	2	●	
S2GA2545120B	25	25	45	120	12.50	2	●	

加工材料 WORK MATERIAL	碳素钢 CARBON STEELS 预硬钢 PREHARDENED STEELS 合金钢 ALLOY STEELS 工具钢 TOOL STEELS	预硬钢 PREHARDENED STEELS 淬火钢 HARDENED STEELS				不锈钢 STAINLESS STEELS	铸铁 CAST IRON 球墨铸铁 DUCTILE CAST IRON	铜合金 COPPER ALLOYS	铝合金 ALUMINUM ALLOYS	石墨 GRAPHITE	钛合金 TITANIUM ALLOYS	耐热合金 HEAT RESISTANT ALLOYS	塑料 PLASTIC
商品记号 Abbreviation	~40HRC	~45HRC	~55HRC	~60HRC	~65HRC	~35HRC	~350HB						
	○	○	○			○	○	○	○		○	○	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 铝材加工



3刃45°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	○
S	○
N	●
K	○
M	○
P	○



X131 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X131	D1	D2	L1	L	R	Flutes	JF500M	X131
S3GA0308038	3	3	8	38	-	3	●	
S3GA0308038R030	3	3	8	38	0.30	3	●	
S3GA0308038R050	3	3	8	38	0.50	3	●	
S3GA0410050	4	4	10	50	-	3	●	
S3GA0410050R050	4	4	10	50	0.50	3	●	
S3GA0410050R080	4	4	10	50	0.80	3	●	
S3GA0510050	5	5	10	50	-	3	●	
S3GA0510050R050	5	5	10	50	0.50	3	●	
S3GA0510050R100	5	5	10	50	1.00	3	●	
S3GA0613057	6	6	13	57	-	3	●	
S3GA0613057R050	6	6	13	57	0.50	3	●	
S3GA0613057R100	6	6	13	57	1.00	3	●	
S3GA0819060	8	8	19	60	-	3	●	
S3GA0819060R050	8	8	19	60	0.50	3	●	
S3GA0819060R100	8	8	19	60	1.00	3	●	
S3GA0819060R150	8	8	19	60	1.50	3	●	
S3GA1022075	10	10	22	75	-	3	●	
S3GA1022075R050	10	10	22	75	0.50	3	●	
S3GA1022075R100	10	10	22	75	1.00	3	●	
S3GA1022075R150	10	10	22	75	1.50	3	●	
S3GA1226075	12	12	26	75	-	3	●	
S3GA1226075R100	12	12	26	75	1.00	3	●	
S3GA1226075R150	12	12	26	75	1.50	3	●	
S3GA1226075R200	12	12	26	75	2.00	3	●	
S3GA1426084	14	14	26	84	-	3	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 铝材加工



3刃45°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	○
S	○
N	●
K	○
M	○
P	○



X131 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X131	D1	D2	L1	L	R	Flutes	JF500M	X131
S3GA1426084R100	14	14	26	84	1.00	3	●	
S3GA1426084R150	14	14	26	84	1.50	3	●	
S3GA1426084R200	14	14	26	84	2.00	3	●	
S3GA1632090	16	16	32	90	-	3	●	
S3GA1632090R100	16	16	32	90	1.00	3	●	
S3GA1632090R200	16	16	32	90	2.00	3	●	
S3GA1632090R250	16	16	32	90	2.50	3	●	
S3GA1632090R300	16	16	32	90	3.00	3	●	
S3GA1838100	18	18	38	100	-	3	●	
S3GA1838100R100	18	18	38	100	1.00	3	●	
S3GA1838100R200	18	18	38	100	2.00	3	●	
S3GA1838100R250	18	18	38	100	2.50	3	●	
S3GA1838100R300	18	18	38	100	3.00	3	●	
S3GA2038100	20	20	38	100	-	3	●	
S3GA2038100R100	20	20	38	100	1.00	3	●	
S3GA2038100R200	20	20	38	100	2.00	3	●	
S3GA2038100R300	20	20	38	100	3.00	3	●	
S3GA2038100R400	20	20	38	100	4.00	3	●	
S3GA2038100R500	20	20	38	100	5.00	3	●	
S3GA2545120	25	25	45	120	-	3	●	
S3GA2545120R100	25	25	45	120	1.00	3	●	
S3GA2545120R200	25	25	45	120	2.00	3	●	
S3GA2545120R300	25	25	45	120	3.00	3	●	
S3GA2545120R400	25	25	45	120	4.00	3	●	
S3GA2545120R500	25	25	45	120	5.00	3	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



特点:

1. 不等齿距设计减少振动
2. 一把刀可完成从粗加工到精加工效率更高
3. 过中心切削

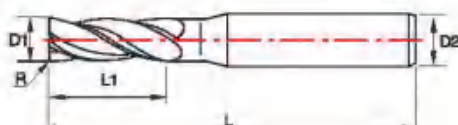
4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	●
N	○	○
K	●	○
M	●	●
P	●	●



X141 End Mills

产品编号(code)	外型尺寸						Unit:mm		单 价
X141	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X141
S4GX0311050	3	3	11	50	-	4	●	●	
S4GX0311050R020	3	3	11	50	0.20	4	●	●	
S4GX0412050	4	4	12	50	-	4	●	●	
S4GX0412050R020	4	4	12	50	0.20	4	●	●	
S4GX0513050	5	5	13	50	-	4	●	●	
S4GX0513050R020	5	5	13	50	0.20	4	●	●	
S4GX0613057	6	6	13	57	-	4	●	●	
S4GX0613057R020	6	6	13	57	0.20	4	●	●	
S4GX0613057R050	6	6	13	57	0.50	4	●	●	
S4GX0613057R100	6	6	13	57	1.00	4	●	●	
S4GX0816060	8	8	16	60	-	4	●	●	
S4GX0816060R050	8	8	16	60	0.50	4	●	●	
S4GX0816060R100	8	8	22	60	1.00	4	●	●	
S4GX1022072	10	10	22	72	-	4	●	●	
S4GX1022072R020	10	10	22	72	0.20	4	●	●	
S4GX1022072R050	10	10	22	72	0.50	4	●	●	
S4GX1022072R100	10	10	22	72	1.00	4	●	●	
S4GX1022072R200	10	10	22	72	2.00	4	●	●	
S4GX1022072R300	10	10	22	72	3.00	4	●	●	
S4GX1022072R400	10	10	22	72	4.00	4	●	●	
S4GX1226084	12	12	26	84	-	4	●	●	
S4GX1226084R020	12	12	26	84	0.20	4	●	●	
S4GX1226084R050	12	12	26	84	0.50	4	●	●	
S4GX1226084R100	12	12	26	84	1.00	4	●	●	
S4GX1226084R200	12	12	26	84	2.00	4	●	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



- 特点:
1. 不等齿距设计减少振动
 2. 一把刀可完成从粗加工到精加工效率更高
 3. 过中心切削

4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	○
N	○	○
K	○	○
M	○	○
P	○	○



X141 End Mills

产品编号(code)	外型尺寸						Unit:mm		单 价
X141	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X141
S4GX1226084R300	12	12	26	84	3.00	4	●	●	
S4GX1226084R400	12	12	26	84	4.00	4	●	●	
S4GX1426084	14	14	26	84	-	4	●	●	
S4GX1426084R020	14	14	26	84	0.20	4	●	●	
S4GX1426084R050	14	14	26	84	0.50	4	●	●	
S4GX1426084R100	14	14	26	84	1.00	4	●	●	
S4GX1426084R200	14	14	26	84	2.00	4	●	●	
S4GX1426084R300	14	14	26	84	3.00	4	●	●	
S4GX1426084R400	14	14	26	84	4.00	4	●	●	
S4GX1632090	16	16	32	90	-	4	●	●	
S4GX1632090R020	16	16	32	90	0.20	4	●	●	
S4GX1632090R050	16	16	32	90	0.50	4	●	●	
S4GX1632090R100	16	16	32	90	1.00	4	●	●	
S4GX1632090R200	16	16	32	90	2.00	4	●	●	
S4GX1632090R300	16	16	32	90	3.00	4	●	●	
S4GX1632090R400	16	16	32	90	4.00	4	●	●	
S4GX1832100	18	18	32	100	-	4	●	●	
S4GX1832100R020	18	18	32	100	0.20	4	●	●	
S4GX1832100R050	18	18	32	100	0.50	4	●	●	
S4GX1832100R100	18	18	32	100	1.00	4	●	●	
S4GX1832100R200	18	18	32	100	2.00	4	●	●	
S4GX1832100R300	18	18	32	100	3.00	4	●	●	
S4GX1832100R400	18	18	32	100	4.00	4	●	●	
S4GX2038100	20	20	38	100	-	4	●	●	
S4GX2038100R020	20	20	38	100	0.20	4	●	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



特点:

1. 不等齿距设计减少振动
2. 一把刀可完成从粗加工到精加工效率更高
3. 过中心切削

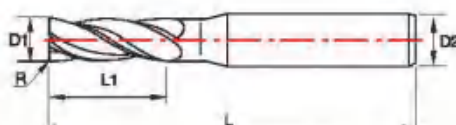
4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	●
N	○	○
K	●	○
M	●	●
P	●	●



X141 End Mills

产品编号(code)	外型尺寸						Unit:mm		单 价
X141	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X141
S4GX2038100R050	20	20	38	100	0.50	4	●	●	
S4GX2038100R100	20	20	38	100	1.00	4	●	●	
S4GX2038100R200	20	20	38	100	2.00	4	●	●	
S4GX2038100R300	20	20	38	100	3.00	4	●	●	
S4GX2038100R400	20	20	38	100	4.00	4	●	●	
S4GX2038100R500	20	20	38	100	5.00	4	●	●	
S4GX2545121	25	25	45	121	-	4	●	●	
S4GX2545121R020	25	25	45	121	0.20	4	●	●	
S4GX2545121R050	25	25	45	121	0.50	4	●	●	
S4GX2545121R100	25	25	45	121	1.00	4	●	●	
S4GX2545121R200	25	25	45	121	2.00	4	●	●	
S4GX2545121R300	25	25	45	121	3.00	4	●	●	
S4GX2545121R400	25	25	45	121	4.00	4	●	●	
S4GX2545121R500	25	25	45	121	5.00	4	●	●	

加工材料 WORK MATERIAL	碳钢 CARBON STEELS	预硬钢 PREHARDENED STEELS	合金钢 ALLOY STEELS	工具钢 TOOL STEELS	预硬钢 PREHARDENED STEELS 淬火钢 HARDENED STEELS	不锈钢 STAINLESS STEELS	铸铁 CAST IRON 球墨铸铁 DUCTILE CAST IRON	铜合金 COPPER ALLOYS	铝合金 ALUMINUM ALLOYS	石墨 GRAPHITE	钛合金 TITANIUM ALLOYS	耐热合金 HEAT RESISTANT ALLOYS	塑料 PLASTIC
商品代号 Abbreviation	-40HRC	-45HRC	-55HRC	-60HRC	-65HRC	-35HRC	-350HB						
	○	○	○			○	○	○	○		○	○	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



特点:

1. 不等齿距设计减少振动
2. 一把刀可完成从粗加工到精加工效率更高
3. 过中心切削

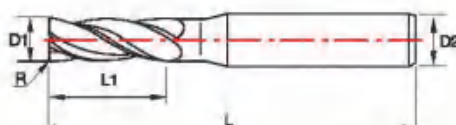
4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	●
N	○	○
K	●	○
M	●	●
P	●	●



X142 End Mills

产品编号(code)	外型尺寸						Unit:mm		单 价
X142	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X142
S4GX0308038B	3	3	8	38	1.50	4	●	●	
S4GX0410050B	4	4	10	50	2.00	4	●	●	
S4GX0510050B	5	5	10	50	2.50	4	●	●	
S4GX0613057B	6	6	13	57	3.00	4	●	●	
S4GX0819060B	8	8	19	60	4.00	4	●	●	
S4GX1022075B	10	10	22	75	5.00	4	●	●	
S4GX1226075B	12	12	26	75	6.00	4	●	●	
S4GX1426084B	14	14	26	84	7.00	4	●	●	
S4GX1632090B	16	16	32	90	8.00	4	●	●	
S4GX1838100B	18	18	38	100	9.00	4	●	●	
S4GX2038100B	20	20	38	100	10.00	4	●	●	
S4GX2545120B	25	25	45	120	12.50	4	●	●	

加工材料 WORK MATERIAL	合金钢 CARBON STEELS	预硬钢 PREHARDENED STEELS				不锈钢 STAINLESS STEELS	铸铁 CAST IRON	铜合金 COPPER ALLOYS	铝合金 ALUMINUM ALLOYS	石墨 GRAPHITE	钛合金 TITANIUM ALLOYS	耐热合金 HEAT RESISTANT ALLOYS	塑料 PLASTIC
	预硬钢 PREHARDENED STEELS	合金钢 ALLOY STEELS	工具钢 TOOL STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS	合金钢 ALLOY STEELS
商品记号 Abbreviation	~40HRC	~45HRC	~55HRC	~60HRC	~65HRC	~35HRC	~350HB						
	○	○	○	○	○	○	○	○	○	○	○	○	○

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



特点:

1. 不等齿距设计减少振动
2. 一把刀可完成从粗加工到精加工效率更高
3. 过中心切削

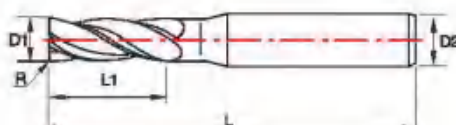
● 4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	●
N	○	○
K	●	○
M	●	●
P	●	●



X143 End Mills

产品编号(code)	外型尺寸						Unit:mm		单价
X143	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X143
S4GS0613057	6	6	13	57	-	4	●	●	
S4GS0613057R020	6	6	13	57	0.20	4	●	●	
S4GS0613057R050	6	6	13	57	0.50	4	●	●	
S4GS0613057R100	6	6	13	57	1.00	4	●	●	
S4GS0816060	8	8	16	60	-	4	●	●	
S4GS0816060R020	8	8	16	60	0.20	4	●	●	
S4GS0816057R050	8	8	16	60	0.50	4	●	●	
S4GS0816057R100	8	8	16	60	1.00	4	●	●	
S4GS1022072	10	10	22	72	-	4	●	●	
S4GS1022072R020	10	10	22	72	0.20	4	●	●	
S4GS1022072R050	10	10	22	72	0.50	4	●	●	
S4GS1022072R100	10	10	22	72	1.00	4	●	●	
S4GS1022072R200	10	10	22	72	2.00	4	●	●	
S4GS1226084	12	12	26	84	-	4	●	●	
S4GS1226084R020	12	12	26	84	0.20	4	●	●	
S4GS1226084R050	12	12	26	84	0.50	4	●	●	
S4GS1226084R100	12	12	26	84	1.00	4	●	●	
S4GS1226084R200	12	12	26	84	2.00	4	●	●	
S4GS1226084R300	12	12	26	84	3.00	4	●	●	
S4GS1426084	14	14	26	84	-	4	●	●	
S4GS1426080R020	14	14	26	84	0.20	4	●	●	
S4GS1426080R050	14	14	26	84	0.50	4	●	●	
S4GS1426080R100	14	14	26	84	1.00	4	●	●	
S4GS1426080R200	14	14	26	84	2.00	4	●	●	
S4GS1426080R300	14	14	26	84	3.00	4	●	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



特点:

1. 不等齿距设计减少振动
2. 一把刀可完成从粗加工到精加工效率更高
3. 过中心切削

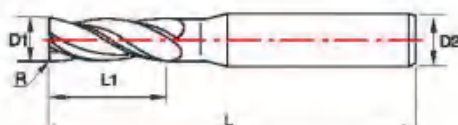
● 4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	○
N	○	○
K	○	○
M	○	○
P	○	○



X143 End Mills

产品编号(code)	外型尺寸						Unit:mm		单 价
X143	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X143
S4GS1426080R400	14	14	26	84	4.00	4	●	●	
S4GS1632090	16	16	32	90	-	4	●	●	
S4GS1632090R020	16	16	32	90	0.20	4	●	●	
S4GS1632090R050	16	16	32	90	0.50	4	●	●	
S4GS1632090R100	16	16	32	90	1.00	4	●	●	
S4GS1632090R200	16	16	32	90	2.00	4	●	●	
S4GS1632090R300	16	16	32	90	3.00	4	●	●	
S4GS1632090R400	16	16	32	90	4.00	4	●	●	
S4GS1836100	18	18	36	100	-	4	●	●	
S4GS1836100R020	18	18	36	100	0.20	4	●	●	
S4GS1836100R050	18	18	36	100	0.50	4	●	●	
S4GS1836100R100	18	18	36	100	1.00	4	●	●	
S4GS1836100R200	18	18	36	100	2.00	4	●	●	
S4GS1836100R300	18	18	36	100	3.00	4	●	●	
S4GS1836100R400	18	18	36	100	4.00	4	●	●	
S4GS2038100	20	20	38	100	-	4	●	●	
S4GS2038100R020	20	20	38	100	0.20	4	●	●	
S4GS2038100R050	20	20	38	100	0.50	4	●	●	
S4GS2038100R100	20	20	38	100	1.00	4	●	●	
S4GS2038100R200	20	20	38	100	2.00	4	●	●	
S4GS2038100R300	20	20	38	100	3.00	4	●	●	
S4GS2038100R400	20	20	38	100	4.00	4	●	●	
S4GS2038100R500	20	20	38	100	5.00	4	●	●	
S4GS2545121	25	25	45	120	-	4	●	●	
S4GS2545121R020	25	25	45	120	0.200	4	●	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



特点：

1. 不等齿距设计减少振动
2. 一把刀可完成从粗加工到精加工效率更高
3. 过中心切削

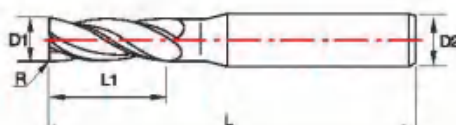
● 4刃38°螺旋标准型
应用 Application

PMXNSH



● 首选
○ 备选

H	○	○
S	○	●
N	○	○
K	●	○
M	●	●
P	●	●



X143 End Mills

产品编号(code)	外型尺寸						Unit:mm		单 价
X143	D1	D2	L1	L	R	Flutes	JF520M	JF530M	X143
S4GS2545121R050	25	25	45	120	0.50	4	●	●	
S4GS2545121R100	25	25	45	120	1.00	4	●	●	
S4GS2545121R200	25	25	45	120	2.00	4	●	●	
S4GS2545121R300	25	25	45	120	3.00	4	●	●	
S4GS2545121R400	25	25	45	120	4.00	4	●	●	
S4GS2545121R500	25	25	45	120	5.00	4	●	●	

加工材料 WORK MATERIAL	炭素钢 CARBON STEELS	预硬钢 PREHARDENED STEELS				不锈钢 STAINLESS STEELS	铸铁 CAST IRON 或高韧性 DUCTILE CAST IRON	铜合金 COPPER ALLOYS	铝合金 ALUMINUM ALLOYS	石墨 GRAPHITE	钛合金 TITANIUM ALLOYS	耐热合金 HEAT RESISTANT ALLOYS	塑料 PLASTIC
	合金钢 ALLOY STEELS	工具钢 TOOL STEELS	~40HRC	~45HRC	~55HRC	~60HRC	~65HRC	~35HRC	~350HB				
商品记号 Abbreviation	○	○	○	○	○	○	○	○	○	○	○	○	○

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



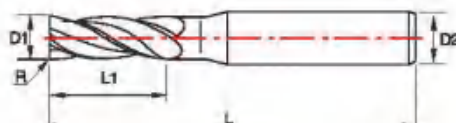
4刃50°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	●
S	○
N	○
K	○
M	○
P	○



X144 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X144	D1	D2	L1	L	R	Flutes	JF550M	X144
S4GH0308038	3	6	8	38	-	4	●	
S4GH0308038R030	3	6	8	38	0.30	4	●	
S4GH0410050	4	6	10	50	-	4	●	
S4GH0410050R030	4	6	10	50	0.30	4	●	
S4GH0510050	5	6	10	50	-	4	●	
S4GH0510050R030	5	6	10	50	0.30	4	●	
S4GH0613057	6	6	13	57	-	4	●	
S4GH0613057R050	6	6	13	57	0.50	4	●	
S4GH0819060	8	8	19	60	-	4	●	
S4GH0819060R050	8	8	19	60	0.50	4	●	
S4GH1022075	10	10	22	75	-	4	●	
S4GH1022075R050	10	10	22	75	0.50	4	●	
S4GH1226075	12	12	26	75	-	4	●	
S4GH1226075R050	12	12	26	75	0.50	4	●	
S4GH1426084	14	14	26	84	-	4	●	
S4GH1426084R080	14	14	26	84	0.80	4	●	
S4GH1632090	16	16	32	90	-	4	●	
S4GH1632090R080	16	16	32	90	0.80	4	●	
S4GH1838100	18	18	38	100	-	4	●	
S4GH1838100R100	18	18	38	100	1.00	4	●	
S4GH2038100	20	20	38	100	-	4	●	
S4GH2038100R100	20	20	38	100	1.00	4	●	
S4GH2545120	25	25	45	120	-	4	●	
S4GH2545120R100	25	25	45	120	1.00	4	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



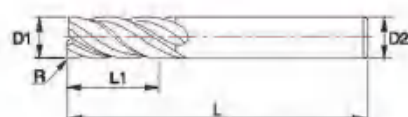
6刃55°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	●
S	○
N	○
K	○
M	○
P	○



X144End Mills

产品编号(code)	外 型 尺 寸						Unit:mm	单 价
X144	D1	D2	L1	L	R	Flutes	JF550M	X144
S6GH0308038	3	3	8	38	-	6	●	
S6GH0308038R030	3	3	8	38	0.30	6	●	
S6GH0410050	4	4	10	50	-	6	●	
S6GH0410050R030	4	4	10	50	0.30	6	●	
S6GH0510050	5	5	10	50	-	6	●	
S6GH0510050R030	5	5	10	50	0.30	6	●	
S6GH0616057	6	6	13	57	-	6	●	
S6GH0613057R050	6	6	13	57	0.50	6	●	
S6GH0819060	8	8	19	60	-	6	●	
S6GH0819060R050	8	8	19	60	0.50	6	●	
S6GH1022075	10	10	22	75	-	6	●	
S6GH1022075R050	10	10	22	75	0.50	6	●	
S6GH1226075	12	12	26	75	-	6	●	
S6GH1226075R050	12	12	26	75	0.50	6	●	
S6GH1226075R100	12	12	26	75	1.00	6	●	
S6GH1426084	14	14	26	84	-	6	●	
S6GH1426084R050	14	14	26	84	0.50	6	●	
S6GH1426084R100	14	14	26	84	1.00	6	●	
S6GH1632090	16	16	32	90	-	6	●	
S6GH1632090R100	16	16	32	90	1.00	6	●	
S6GH1632090R150	16	16	32	90	1.50	6	●	
S6GH1838100	18	18	38	100	-	6	●	
S6GH1838100R100	18	18	38	100	1.00	6	●	
S6GH1838100R200	18	18	38	100	2.00	6	●	

HIGH-PERFORMANCE SOLID CARBIDE END MILLS 铣削刀具

高性能硬质合金铣刀 · 淬硬钢加工



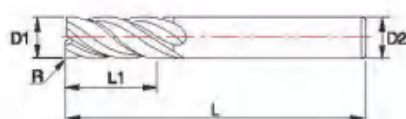
6刃55°螺旋标准型
应用 Application

PMKNSH



● 首选
○ 备选

H	●
S	○
N	○
K	○
M	○
P	○



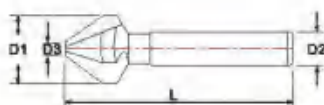
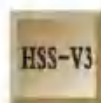
X144 End Mills

产品编号(code)	外型尺寸						Unit:mm	单 价
X144	D1	D2	L1	L	R	Flutes	JF550M	X144
S6GH2038100	20	20	38	100	-	6	●	
S6GH2038100R100	20	20	38	100	1.00	6	●	
S6GH2038100R200	20	20	38	100	2.00	6	●	
S6GH2038100R300	20	20	38	100	3.00	6	●	
S6GH2545120	25	25	45	120	-	6	●	
S6GH2545120R100	25	25	45	120	1.00	6	●	
S6GH2545120R200	25	25	45	120	2.00	6	●	
S6GH2545120R300	25	25	45	120	3.00	6	●	

加工材料 WORK MATERIAL	炭素鋼 CARBON STEELS	预硬鋼 PREHARDENED STEELS				不銹鋼 STAINLESS STEELS	铸鉄 CAST IRON	銅合金 COPPER ALLOYS	鋁合金 ALUMINUM ALLOYS	石墨 GRAPHITE	钛合金 TITANIUM ALLOYS	耐热合金 HEAT RESISTANT ALLOYS	塑料 PLASTIC
	合金鋼 ALLOY STEELS	~40HRC	~45HRC	~55HRC	~60HRC	~65HRC	球墨鑄鉄 DUCTILE CAST IRON	~35HRC	~350HB				
商品記号 Abbreviation	工具鋼 TOOL STEELS	○	○	○			○	○	○	○	○	○	

3-FLUTES TAPER&DEBURRING COUNTERSINKERS 三刃铰钻

三刃铰钻



适用于高/中/低碳钢，模具钢。
合金工具钢、铜、铝、不锈钢等。

D121 Deburr

产品编号(code)	外 型 尺 寸					Unit:mm	单 价
D121	D1	D2	D3	L	Flutes	D121	
COM0430	4.3	4	1.3	40	3		62.3
COM0500	5.0	4	1.5	40	3		62.3
COM0530	5.3	4	1.5	40	3		62.3
COM0580	5.8	5	1.5	45	3		67.8
COM0600	6.0	5	1.5	45	3		67.8
COM0630	6.3	5	1.5	45	3		67.8
COM0700	7.0	6	1.8	50	3		70.5
COM0730	7.3	6	1.8	50	3		70.5
COM0800	8.0	6	2.0	50	3		75.90
COM0830	8.3	6	2.0	50	3		75.90
COM0940	9.4	6	2.2	50	3		78.60
COM1000	10.0	6	2.5	50	3		81.30
COM1040	10.4	6	2.5	50	3		81.30
COM1150	11.5	8	2.8	56	3		93.00
COM1240	12.4	8	2.8	56	3		93.00
COM1340	13.4	8	2.9	56	3		126.40
COM1500	15.0	10	3.2	60	3		142.20
COM1650	16.5	10	3.2	60	3		142.20
COM1900	19.0	10	3.5	63	3		154.90
COM2050	20.5	10	3.5	63	3		167.50
COM2300	23.0	10	3.8	67	3		186.50
COM2500	25.0	10	3.8	67	3		211.70
COM2600	26.0	10	3.8	67	3		243.30
COM2800	28.0	12	4.0	71	3		268.60
COM3000	30.0	12	4.2	71	3		281.30
COM3100	31.0	12	4.2	71	3		300.20



▲ 按照DIN335C设计

代码 Code	名称 Description	组成 Contents
COM0620	M2has set	3-Flutes taper&deburring countersinkers90° 6.3 8.3 10.4 12.4 16.5 20.5 1pc each Metal box protected by carton

For Metric Threads

Thread Size	Drill Size (mm)	D1 (mm)	
		Max.	Min.
M2 × 0.4	1.60	1.679	1.567
m2 × 0.25	1.75	(1.785)	(1.729)
M2.2 × 0.45	1.75	1.838	1.713
M2.2 × 0.25	1.95	(1.985)	(1.929)
m2.2 × 0.4	1.90	1.979	1.867
M2.3 × 0.25	2.05	2.061	2.001
M2.5 × 0.45	2.10	2.138	2.013
M2.5 × 0.35	2.20	2.221	2.121
M2.6 × 0.45	2.20	2.238	2.113
M2.6 × 0.35	2.20	2.246	2.186
M3 × 0.5	2.50	2.599	2.459
M3 × 0.35	2.70	2.271	2.621
M3.5 × 0.6	2.90	3.010	2.850
M3.5 × 0.35	3.20	3.221	3.121
M4 × 0.7	3.30	3.422	3.242
M4 × 0.5	3.50	3.599	3.459
M4.5 × 0.75	3.80	3.878	3.688
M4.5 × 0.5	4.00	4.099	3.959
M5 × 0.8	4.20	4.334	4.134
M5 × 0.5	4.50	4.599	4.459
M6 × 1	5.00	5.153	4.917
M6 × 0.75	5.30	5.378	5.188
M6 × 0.5	5.50	5.550	5.400
M7 × 1	6.00	6.153	5.917
M7 × 0.75	6.30	6.378	6.188
M7 × 0.5	6.50	6.550	6.400
M8 × 1.25	6.80	6.912	6.647
M8 × 1	7.00	7.153	6.917
M8 × 0.75	7.30	7.378	7.188
M8 × 0.5	7.50	7.520	7.400
M9 × 1.25	7.80	7.912	7.647
M9 × 1	8.00	8.153	7.917
M9 × 0.75	8.30	8.378	8.188
M10 × 1.5	8.50	8.676	8.376
M10 × 1.25	8.80	8.912	8.647
M10 × 1	9.00	9.153	8.917
M10 × 0.75	9.30	9.378	9.188
M10 × 0.5	9.50	9.520	9.400
M11 × 1.5	9.50	9.676	9.376
M11 × 1	10.00	10.153	9.917
M11 × 0.75	10.30	10.378	10.188
M12 × 1.75	10.30	10.441	10.106
M12 × 1.5	10.50	10.676	10.376
M12 × 1.25	10.80	10.912	10.647
M12 × 1	11.00	11.153	10.917

Thread Size	Drill Size (mm)	D1 (mm)	
		Max.	Min.
M12 × 0.5	11.50	11.520	11.400
m14 × 2	12.00	12.210	11.835
M14 × 1.5	12.50	12.676	12.376
M14 × 1	13.00	13.153	12.917
M15 × 1.5	13.50	13.673	13.376
m15 × 1	14.00	14.153	13.917
M16 × 2	14.00	14.210	13.835
M16 × 1.5	14.50	14.676	14.376
M16 × 1	15.00	15.153	14.917
M17 × 1.5	15.50	15.676	15.376
M17 × 1	16.00	16.153	15.917
M18 × 2.5	15.50	15.744	15.294
M18 × 2	16.00	16.210	15.835
M18 × 1.5	16.50	16.676	16.376
M18 × 1	17.00	17.153	16.917
M20 × 2.5	17.50	17.744	17.294
M20 × 2	18.00	18.210	17.835
M20 × 1.5	18.50	18.676	18.376
M20 × 1	19.00	19.153	18.917
M22 × 2.5	19.50	19.744	19.294
M22 × 2	20.00	20.210	19.835
M22 × 1.5	20.50	20.673	20.376
M22 × 1	21.00	21.153	20.917
M24 × 3	21.00	21.252	20.752
M24 × 2	22.00	22.210	21.835
M24 × 1.5	22.50	22.676	22.376
M24 × 1	23.00	23.153	22.917
M25 × 2	23.00	23.210	22.835
M25 × 1.5	23.50	23.676	23.376
M25 × 1	24.00	24.153	23.917
M26 × 1.5	24.50	24.676	24.376
M27 × 3	24.00	24.252	23.752
M27 × 2	25.00	25.210	24.835
M27 × 1.5	25.50	25.676	25.376
M27 × 1	26.00	26.153	25.917
M28 × 2	26.00	26.210	25.835
M28 × 1.5	26.50	26.676	26.376
M28 × 1	27.00	27.153	26.917
M30 × 3.5	26.50	26.771	26.211
M30 × 3	27.00	27.252	26.752
M30 × 2	28.00	28.210	27.835
M30 × 1.5	28.50	28.676	28.376
M30 × 1	29.00	29.153	28.917
M32 × 2	30.00	30.210	29.835
M32 × 1.5	30.50	30.676	30.376

For Metric Threads

Thread Size	Drill Size (mm)	D1 (mm)		Thread Size	Drill Size (mm)	D1 (mm)	
		Max.	Min.			Max.	Min.
M33 x 3.5	29.50	29.771	29.211	M42 x 4	38.00	38.270	37.670
M33 x 3	30.00	30.252	29.752	M42 x 3	39.00	39.252	38.752
M33 x 2	31.00	31.210	30.835	M42 x 2	40.00	40.210	39.835
M33 x 1.5	31.50	31.676	31.376	M42 x 1.5	40.50	40.676	40.376
M35 x 1.5	33.50	33.676	33.376	M45 x 4.5	40.50	40.799	40.129
M36 x 4	32.00	32.270	31.670	M45 x 4	41.00	41.270	40.670
M36 x 3	33.00	33.252	32.752	M45 x 3	42.00	42.252	41.752
M36 x 2	34.00	34.210	33.835	M45 x 2	43.00	43.210	42.835
M36 x 1.5	34.50	34.676	34.376	M45 x 1.5	43.50	43.676	43.376
M38 x 1.5	36.50	36.676	36.376	M48 x 5	43.00	43.297	42.587
M39 x 4	35.00	35.270	34.670	M48 x 4	44.00	44.270	43.670
M39 x 3	36.00	36.252	35.752	M48 x 3	45.00	45.252	44.752
M39 x 2	37.00	37.210	36.835	M39 x 2	46.00	46.210	45.835
M39 x 1.5	37.50	37.676	37.376	M48 x 1.5	46.50	46.676	46.376
M40 x 3	37.00	37.252	36.752	M50 x 3	47.00	47.252	46.752
M40 x 2	38.00	38.210	37.835	M50 x 2	48.00	48.210	47.835
M40 x 1.5	38.50	38.676	38.376	M50 x 1.5	48.50	48.676	48.376
M42 x 4.5	37.50	37.799	37.129				

D1 : Minor diameter of JIS class internal thread. But, the minor diameter D1 shown in () are of JIS class 1 internal threads because their nominal sizes are not specified in JIS Class 2.

For Unified Threads

Thread Size	Drill Size (mm)	D1 (mm)		Thread Size	Drill Size (mm)	D1 (mm)	
		Max.	Min.			Max.	Min.
#2 -56UNC	1.80	1.871	1.695	1/4 -28UNF	5.50	5.588	5.360
#2 -64UNF	1.85	1.912	1.756	1/4 -32UNEF	5.60	5.690	5.486
#3 -48UNC	2.10	2.146	1.941	5/16 -18UNC	6.60	6.731	6.401
#3 -56UNF	2.10	2.197	2.025	5/16 -24UNF	6.90	7.035	6.782
#4 -40UNC	2.30	2.385	2.157	5/16 -32UNEF	7.10	7.264	7.087
#4 -48UNF	2.40	2.458	2.271	3/8 -16UNC	8.00	8.153	7.798
#5 -40UNC	2.60	2.697	2.487	3/8 -24UNF	8.50	8.636	8.382
#5 -44UNF	2.70	2.740	2.551	3/8 -32UNEF	8.70	8.865	8.661
#6 -32UNC	2.80	2.895	2.642	7/16 -14UNC	9.40	9.550	9.144
#6 -40UNF	2.90	3.022	2.820	7/16 -20UNF	9.90	10.033	9.729
#8 -32UNC	3.40	3.530	3.302	7/16 -28UNEF	10.20	10.338	10.135
#8 -36UNF	3.50	3.606	3.404	1/2 -13UNC	10.80	11.023	10.592
#10 -24UNC	3.90	3.962	3.683	1/2 -20UNF	11.50	11.607	11.329
#10 -32UNF	4.10	4.165	3.963	1/2 -28UNEF	11.80	11.938	11.709
#12 -24UNC	4.50	4.597	4.344	9/16 -12UNC	12.20	12.446	11.989
#12 -28UNF	4.60	4.724	4.496	9/16 -18UNF	12.90	13.081	12.751
#12 -32UNC	4.70	4.826	4.623	9/16 -24UNEF	13.20	13.386	13.132
1/4 -20UNF	5.10	5.257	4.979	5/8 -11UNC	13.60	13.868	13.386

For Unified Threads

Thread Size	Drill Size (mm)	D1 (mm)		Thread Size	Drill Size (mm)	D1 (mm)	
5/8 - 18UNF	14.50	14.681	14.351	1 1/4 - 8UN	28.50	28.956	28.321
5/8 - 24UNEF	14.80	14.986	14.732	1 3/8 - 6UNC	30.80	31.115	30.353
3/4 - 10UNC	16.50	16.840	16.307	1 3/8 - 12UNF	32.80	33.096	32.639
3/4 - 16UNF	17.50	17.678	17.323	1 3/8 - 18UNEF	33.50	33.731	33.401
3/4 - 20UNEF	17.80	17.958	17.678	1 3/8 - 8UN	31.80	32.131	31.496
7/8 - 9UNC	19.50	19.761	19.177	1 1/2 - 6UNC	34.00	34.290	33.528
7/8 - 14UNF	20.50	20.675	20.270	1 1/2 - 12UNF	36.00	36.271	35.814
7/8 - 20UNEF	21.00	21.133	20.853	1 1/2 - 18UNEF	36.50	36.881	36.576
1 - 8UNC	22.20	22.606	21.971	1 1/2 - 8UN	35.00	35.306	34.671
1 - 12UNF	23.20	23.571	23.114	1 5/8 - 18UNEF	39.80	40.081	39.751
1 - 20UNEF	24.00	24.308	24.028	1 5/8 - 8UN	38.20	38.481	37.846
1 1/8 - 7UNC	25.00	25.349	24.683	1 5/8 - 12UN	39.20	39.446	38.989
1 1/8 - 12UNF	26.50	26.746	26.289	1 3/4 - 5UNC	39.50	39.827	38.964
1 1/8 - 18UNEF	27.20	27.381	27.051	1 3/4 - 8UN	41.20	41.656	41.021
1 1/8 - 8UN	25.50	25.781	25.146	1 3/4 - 12UN	42.20	42.621	42.164
1 1/4 - 7UNC	28.20	28.524	27.813	2 - 4 1/2 UNC	45.20	45.593	44.879
1 1/4 - 12UNF	29.50	29.921	29.464	2 - 8UN	47.80	48.006	47.371
1 1/4 - 18UNEF	30.20	30.556	30.226	2 - 12UN	48.50	48.971	48.514

D1: Minor diameter of internal thread.

For UNC and UNF threads, according to JIS Class 2B ;

For UNEF and UN threads, according to ANSI B1, 1a, Class 2B.

For Unified Threads

Thread Size			Drill Size (mm)		Thread Size			Drill Size (mm)	
			A	B				A	B
1/8	W	40	2.65	2.60	7/8	W	9	19.50	19.30
5/32	W	32	3.25	3.20	1	W	8	22.40	22.00
3/16	W	24	3.75	3.70	1 1/8	W	7	25.00	24.80
1/4	W	20	5.10	5.00	1 1/4	W	7	28.30	28.00
5/16	W	18	6.60	6.50	1 3/8	W	6	30.50	30.30
3/8	W	16	8.00	7.90	1 1/2	W	6	33.80	33.50
7/16	W	14	9.40	9.30	1 5/8	W	5	36.00	35.70
1/2	W	12	10.70	10.50	1 3/4	W	5	39.20	39.00
9/16	W	12	12.30	12.00	1 7/8	W	4 1/2	41.80	41.50
5/8	W	11	13.70	13.50	2	W	4 1/2	45.00	44.70
3/4	W	10	16.70	16.50					

Generally the tap drill sizes in column A are used for producing holes ; When holes tend to be cut oversized the tap drill sizes in column B should be Selected.

PT Taper Pipe Threads

Thread Size			Drill Size (mm)		Internal Thread Minor Dia. on [Min] Length of Useful Thread (mm)	Internal Thread Minor Dia. on [Min] Gauge Length (mm)
			With Reaming Before Tapping	Without Reaming Before Tapping		
PT 1/16	-	28	6.10	6.20	6.244	6.384
PT 1/8	-	28	8.10	8.20	8.249	8.388
PT 1/4	-	19	10.70	11.00	10.962	11.174
PT 3/8	-	19	14.20	14.50	14.448	14.658
PT 1/2	-	14	17.60	18.00	17.979	18.263
PT 3/4	-	14	23.00	23.50	23.378	23.663
PT 1	-	11	29.00	29.50	29.459	29.822
PT 1 1/4	-	11	37.50	38.00	37.976	38.339
PT 1 1/2	-	11	43.40	44.00	43.869	44.232
PT 2	-	11	54.90	55.50	55.412	55.844

PS Straight Pipe Threads

Thread Size	Drill Size (mm)	D1 (mm)		Thread Size	Drill Size (mm)	D1 (mm)	
		Max.	Min.			Max.	Min.
PS 1/16 - 28	6.50	6.632	6.490	PS 3/4 - 14	24.00	24.259	23.975
PS 1/8 - 28	8.50	8.637	8.495	PS 1 - 11	30.20	30.471	30.111
PS 1/4 - 19	11.40	11.549	11.341	PS 1 1/4 - 11	38.80	39.132	38.772
PS 3/8 - 19	15.00	15.054	14.846	PS 1 1/2 - 11	44.80	45.025	44.665
PS 1/2 - 14	18.50	18.773	18.489	PS 2 - 11	56.50	56.836	56.476

PF Straight Pipe Threads

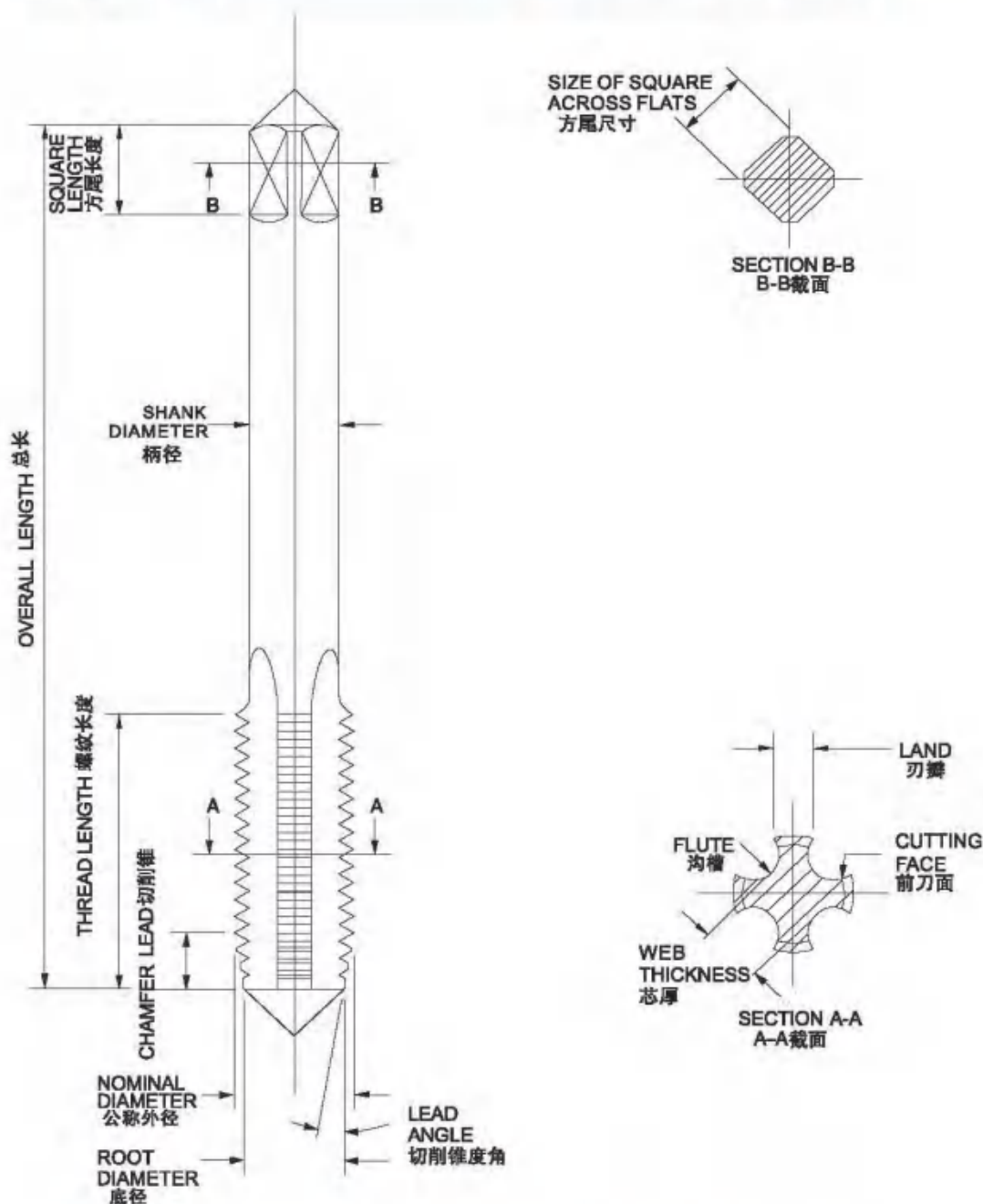
Thread Size	Drill Size (mm)	D1 (mm)		Thread Size	Drill Size (mm)	D1 (mm)	
		Max.	Min.			Max.	Min.
PF 1/16 - 28	6.70	6.843	6.561	PF 3/4 - 14	24.50	24.658	24.117
PF 1/8 - 28	8.70	8.848	8.566	PF 1 - 11	30.50	30.931	30.291
PF 1/4 - 19	11.70	11.890	11.445	PF 1 1/4 - 11	39.20	39.592	38.952
PF 3/8 - 19	15.20	15.395	14.950	PF 1 1/2 - 11	45.00	45.485	44.845
PF 1/2 - 14	19.00	19.172	18.631	PF 2 - 11	57.00	57.296	56.656

NPT Taper Pipe Threads

Thread Size			Drill Size (mm)			
			With Reaming Before Tapping		Without Reaming Before Tapping	
			mm	inch	mm	inch
NPT 1/16	-	27	5.94	0.234	6.15	0.242
NPT 1/8	-	27	8.33	0.328	8.43	0.332
NPT 1/4	-	18	10.72	0.422	11.13	0.438
NPT 3/8	-	18	14.27	0.562	14.27	0.562
NPT 1/2	-	14	17.48	0.688	17.86	0.703
NPT 3/4	-	14	22.63	0.891	23.01	0.906
NPT 1	-	11 • 1/2	28.58	1.125	28.98	1.141
NPT 1 • 1/4	-	11 • 1/2	37.31	1.469	37.69	1.484
NPT 1 • 1/2	-	11 • 1/2	43.26	1.703	43.66	1.719
NPT 2	-	11 • 1/2	55.17	2.172	55.58	2.188
NPT 2 1/2	-	8	65.48	2.578	66.27	2.609

NPTF Taper Pipe Threads

Thread Size			Drill Size (mm)			
			With Reaming Before Tapping		Without Reaming Before Tapping	
			mm	inch	mm	inch
NPTF 1/16	-	27	5.94	0.234	6.15	0.242
NPTF 1/8	-	27	8.33	0.328	8.43	0.332
NPTF 1/4	-	18	10.72	0.422	11.13	0.438
NPTF 3/8	-	18	14.27	0.562	14.27	0.562
NPTF 1/2	-	14	17.48	0.688	17.86	0.703
NPTF 3/4	-	14	22.63	0.891	23.01	0.906
NPTF 1	-	11 • 1/2	28.58	1.125	28.98	1.141
NPTF 1 • 1/4	-	11 • 1/2	37.31	1.469	37.69	1.484
NPTF 1 • 1/2	-	11 • 1/2	43.26	1.703	43.66	1.719
NPTF 2	-	11 • 1/2	55.17	2.172	55.58	2.188
NPTF 2 1/2	-	8	65.48	2.578	66.27	2.609



常用标准

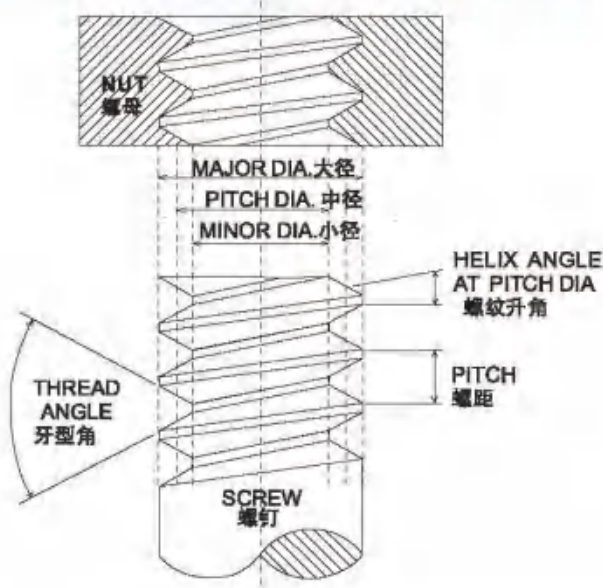
GENERAL SPECIFICATIONS

THREAD 螺纹	GENERAL SPECIFICATIONS 常用标准	THREADS GROUND TO 螺纹公差
METRIC 公制	ISO 529	ISO 2857 - 1973, CLASS 2
METRIC LONG SERIES 公制加长型	ISO 2283	ISO 2857 - 1973 CLASS 2
UNC, UNF 统一螺纹	DIN 371 / DIN 374 / DIN 376	DIN 802 CLASS 6H
BSW, BSF, BA, BSB 惠氏螺纹	ISO 529	ANSI B1.1 1982 2B
BSP, BSPT	ISO 529	BS 949:1976 CLASS 2
NPS, NPT 管螺纹	ISO 2284	BS 949:1976 1976 - G SERIES
	ANSI 94.9 1979	ANSI 94.9 1979

基本螺纹形式

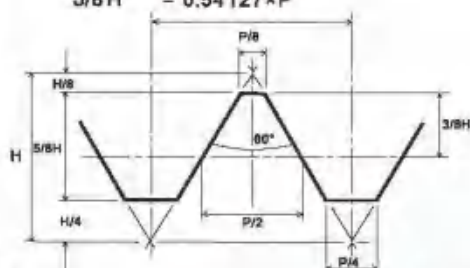
BASIC THREAD FORMS

COMPONENT ELEMENTS 组成要素



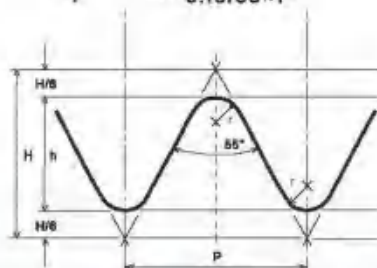
BASIC FORM OF ISO METRIC AND UNIFIED THREAD FORMS 国标公制和统一螺纹的基本型式

$$\begin{aligned} H &= 0.86603 \times P \\ H/4 &= 0.21651 \times P \\ H/8 &= 0.10825 \times P \\ 3/8 H &= 0.32476 \times P \\ 5/8 H &= 0.54127 \times P \end{aligned}$$



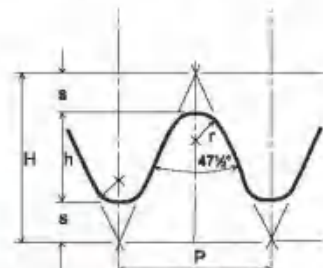
BASIC FORM OF WHITWORTH THREAD 惠氏螺纹基本型式

$$\begin{aligned} H &= 0.96049 \times P \\ h &= 2/3 H = 0.64033 \times P \\ P &= 0.16008 \times P \\ r &= 0.13733 \times P \end{aligned}$$



BASIC FORM OF BA THREAD 英制螺纹标准的基本型式

$$\begin{aligned} H &= 1.13630 \times P \\ h &= 0.60000 \times P \\ r &= 0.18083 \times P \\ s &= 0.26817 \times P \end{aligned}$$



丝攻螺纹公差

TAP THREAD TOLERANCE

1级丝攻 Class 1 Tap

这是最接近基本尺寸的，只有很少的尺寸允许量，它通常指定用于封闭配合螺纹，如统一标准3B，公制，4H，5H
This is the closest to basic, having little oversize allowance, and is normally specified for "close" fit threads, eg. Unified 3B, Metric 4H, 5H.

2级丝攻 Class 2 Tap

这通常指定用于中等配合的螺纹，如统一标准2B，公制6H，4G，5G。
This is normally specified for "medium" fit threads, eg. Unified 2B, Metric 6H, 4G, 5G.

3级丝攻 Class 3 Tap

这是超出基本尺寸最远的，用于自由配合螺纹，如统一标准1B，公制7H，8H，6G。
This is furthestmost above basic size and used for "free" fit threads, eg. Unified 1B, Metric 7H, 8H, 6G.

在有力工作条件下，根据新的丝攻等级按以下螺纹公差。

Under favourable working conditions, the following thread tolerances should be produced by the new class taps.

	Class 1	Class 2	Class 3
Metric	4H, 5H	6H, 4G, 5G.	7H, 8H, 6G.
Unified	3B	2B	1B
Whitworth Form	Close Class	Medium Class	Free Class
BA	Close Class	Medium Class	Free Class

All Somta HSS taps are supplied to Class 2, 6H unless otherwise specified.

除非另有说明，所有somta高速钢丝攻为2级，6H。

丝攻螺纹公差

TAP THREAD TOLERANCE

基本尺寸和公差等级 Basic sizes and tolerance classes

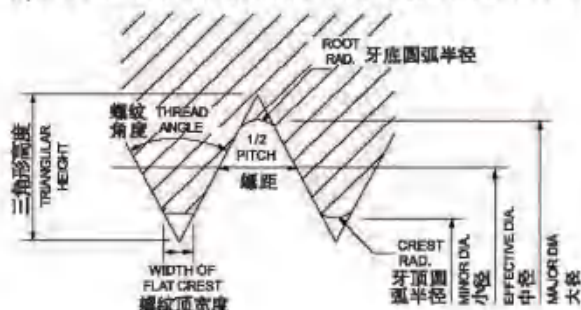
在相配合的内螺纹和外螺纹之间允许有间隙，丝攻用基本外径加上配合公差制造。

这些基本尺寸加上大尺寸配合公差设定

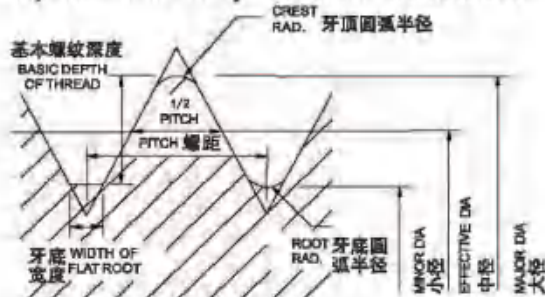
To allow for clearance between mating internal and external threads, taps are manufactured with oversize allowances added to the basic diameters.

These basic diameters plus the oversize allowances establish;

a) the minimum effective diameter; and 最小中径和螺母



b) the minimum major diameter. 最小大径螺栓



Limits of Tolerance 公差范围

Effective Diameter - The tolerance is the amount of variation allowed in the manufacture of the tap. This tolerance is added to the minimum effective diameter to establish the maximum effective diameter.

中径—公差是在丝攻的制造中所允许的变异量。这些被增加到最小中径上的公差确定了最大有效中径。

It follows that 由此得出结论:

Basic Effective 基本中径 + Oversize 配合公差 = Minimum Effective 最小中径

Basic Effective 基本中径 + Oversize 配合公差 + tolerance 公差 = Maximum Effective 最大中径

The effective diameter can only be measured with special tap measuring equipment

中径只能通过特殊的丝攻测量设备进行测量。

Major Diameter - The minimum major diameter is established by adding the oversize allowance to the basic major diameter (the nominal thread size). Therefore, on measurement, the major diameter of the tap is larger than the nominal thread size, and must not be used to judge the size of the tap.

大径—最小大径通过增加大尺寸允许值到基本大径（公称螺纹尺寸）上被设定。因此，在测量上，丝攻的大径大于公称螺纹尺寸，并且不可以用于判定丝攻的尺寸。

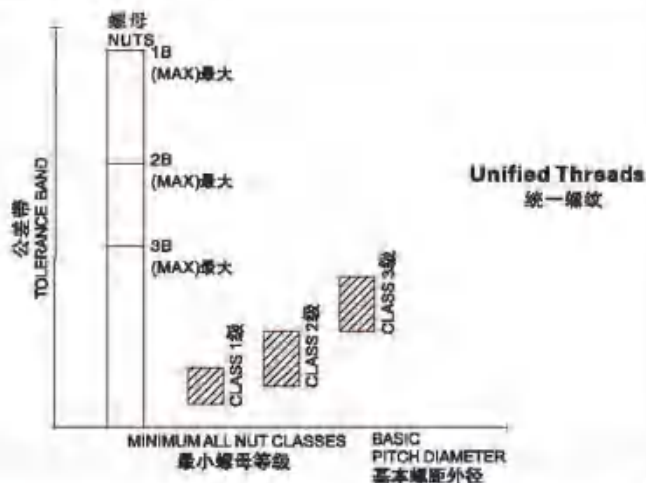
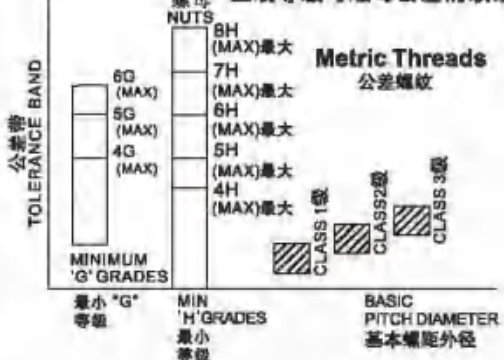
The maximum major diameter of the tap is governed by the thread form and is therefore not subject to a tolerance.

丝攻的最大大径由牙型确定，而不能由公差判定。

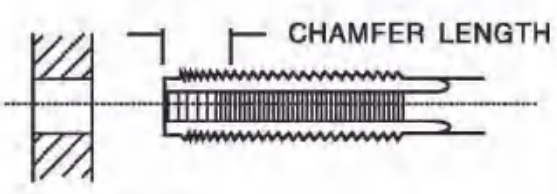
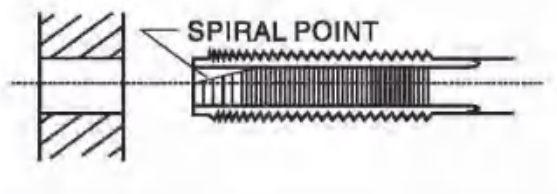
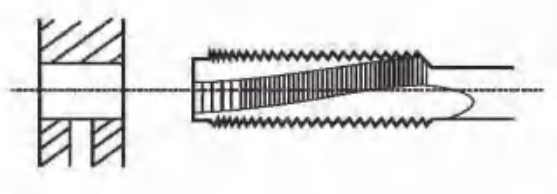
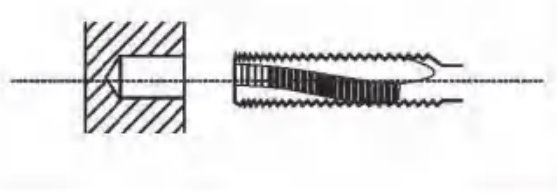
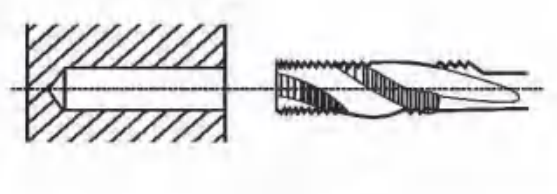
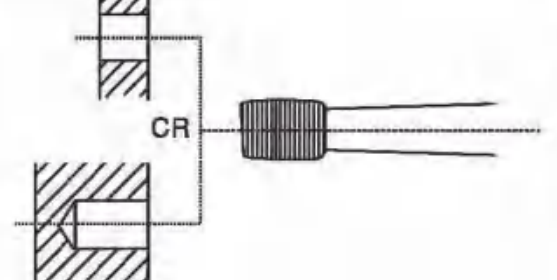
Tap Tolerance Classes 丝攻的公差等级

Relationships of Tap Classes to Nut Tolerances.

丝攻等级与螺母公差的关系



主要丝攻的适用范围与加工工件材料

丝攻简图	特点	工件材料
 CHAMFER LENGTH	直槽丝攻攻丝时不易将切屑排出到孔外，因此不用于深孔的攻丝，适宜于浅孔攻丝和产生短切屑的场合。	铸铁，短切屑的青铜，铸铝，短切屑的硬材料等。
 SPIRAL POINT	直槽带3.5到5牙切削锥长度的螺尖丝攻能将切屑从攻丝孔的前方排出，防止切屑堵塞，适宜攻通孔用。	长切屑的铝，外来的合金，不锈钢，钢等。
	带3.5到5牙切削锥长度的螺旋角为12度的左螺旋槽丝攻最适宜攻具有键槽或横向小孔的螺旋孔和薄壁孔。	铸铝，钛合金，不锈钢，钢等。
	带3.5到5牙的切削锥长度的螺旋角为15度的右螺旋槽丝攻最适宜攻孔径比小于1.5和产生短切屑的盲螺纹孔。	外来的合金，不锈钢等。
	螺旋角为40度到50度的右螺旋槽丝攻只宜攻孔径比大于3和产生长切屑的盲螺纹孔，可使切屑往孔后排出。	长切屑的铝，不锈钢，镍铬合金钢，软材料等。
 CR	挤压丝攻是靠挤压而非切削形成螺纹，其优点是没有切屑造成的浪费，没有过切产生，螺纹的牙距偏差小，强度高，丝锥的寿命长等可用来攻通孔和盲孔。但是，挤压螺纹时冷却液非常重要，所需扭矩较大，孔的小径由于挤压的原因比较粗糙。	各种展性材料。



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