



2017

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SPIRAL FLUTED TAPS

JIS Taps with spiral flutes for Metric Thread

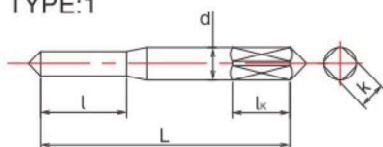


- High carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- medium and low carbon steels, bronze and aluminium alloys with a tensile strength below 750N/mm²

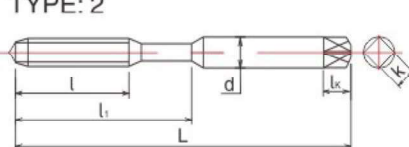
for cutting through hole / blind hole



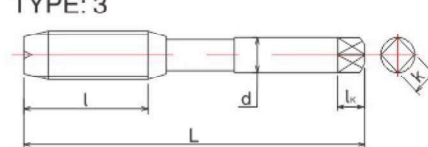
TYPE:1



TYPE:2



TYPE:3



T301 Taps Series

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

T301 Taps Series

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

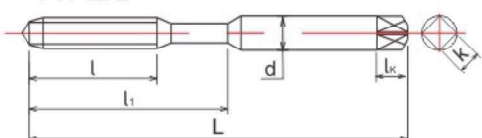


- high carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

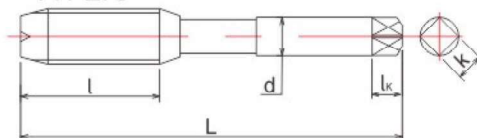
for cutting through hold / blind hole



TYPE: 2



TYPE: 3



T302 Taps Series

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

T302 Taps Series

产品编号(code)	公制牙(MF)		Size							Unit:mm	Net Price
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	
01101250	M11	1.25	80	25		8.0	6.0	9	3	3	
01101000	M11	1.00	80	25		8.0	6.0	9	3	3	
01100750	M11	0.75	75	22		8.0	6.0	9	3	3	
01201500	M12	1.50	82	29		8.5	6.5	9	3	3	
01201250	M12	1.25	82	29		8.5	6.5	9	3	3	
01200750	M12	0.75	75	22		8.5	6.5	9	3	3	
01200500	M12	0.50	75	22		8.5	6.5	9	3	3	
01301750	M13	1.75	85	29		9.5	7.0	10	3	3	
01301500	M13	1.50	85	29		9.5	7.0	10	3	3	
01401500	M14	1.50	88	30		10.5	8.0	11	3	3	
01401250	M14	1.25	88	30		10.5	8.0	11	3	3	
01401000	M14	1.00	88	30		10.5	8.0	11	3	3	
01501500	M15	1.50	90	30		10.5	8.0	11	3	3	
01501000	M15	1.00	90	30		10.5	8.0	11	3	3	
01601500	M16	1.50	95	32		12.5	10	13	3	3	
01601000	M16	1.00	95	32		12.5	10	13	3	3	
01701500	M17	1.50	95	32		13.0	10	13	3	4	
01701000	M17	1.00	95	32		13.0	10	13	3	4	
01802000	M18	2.00	100	37		14.0	11	14	3	4	
01801500	M18	1.50	100	37		14.0	11	14	3	4	
01801250	M18	1.25	95	30		14.0	11	14	3	4	
01801000	M18	1.00	95	30		14.0	11	14	3	4	
01901500	M19	1.50	105	37		14.0	11	14	3	4	
01901000	M19	1.00	95	30		14.0	11	14	3	4	
02002000	M20	2.00	105	37		15.0	12	15	3	4	
02001500	M20	1.50	105	37		15.0	12	15	3	4	
02202000	M22	2.00	115	38		17.0	13	16	3	4	
02201500	M22	1.50	115	38		17.0	13	16	3	4	
02201000	M22	1.00	95	30		17.0	13	16	3	4	
02301500	M23	1.50	115	38		18.0	14	17	3	4	
02402000	M24	2.00	120	45		19.0	15	18	3	4	
02401500	M24	1.50	120	45		19.0	15	18	3	4	
02502000	M25	2.00	125	45		19.0	15	18	3	4	
02501500	M25	1.50	125	45		19.0	15	18	3	4	
02602000	M26	2.00	125	45		20.0	15	18	3	4	
02601500	M26	1.50	125	45		20.0	15	18	3	4	
02702000	M27	2.00	130	45		20.0	15	18	3	4	

T302 Taps Series

产品编号(code)	公制牙(MF)		Size							Unit:mm	Net Price
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	
02802000	M28	2.00	130	45		21	17	20	3	4	
02801500	M28	1.50	130	45		21	17	20	3	4	
03003000	M30	3.00	135	48		23	17	20	3	4	
03002000	M30	2.00	135	45		23	17	20	3	4	
03203000	M32	3.00	145	51		24	19	22	3	4	
03202000	M32	2.00	135	45		24	19	22	3	4	
03301500	M33	1.50	135	45		25	19	22	3	4	
03301000	M33	1.00	110	30		25	19	22	3	4	
03303000	M33	3.00	145	51		25	19	22	3	4	
03302000	M33	2.00	135	45		25	19	22	3	4	
03403000	M34	3.00	145	51		26	21	24	3	4	
03402000	M34	2.00	135	45		26	21	24	3	4	
03401500	M34	1.50	135	45		26	21	24	3	4	
03401000	M34	1.00	110	30		26	21	24	3	4	
03503000	M35	3.00	155	57		26	21	24	3	4	
03502000	M35	2.00	135	45		26	21	24	3	4	
03501500	M35	1.50	135	45		26	21	24	3	4	
03603000	M36	3.00	155	57		28	21	24	3	4	
03602000	M36	2.00	135	45		28	21	24	3	4	
03601500	M36	1.50	135	45		28	21	24	3	4	
03903000	M39	3.00	165	60		30	23	26	3	4	
03902000	M39	2.00	135	45		30	23	26	3	4	
03901500	M39	1.50	135	45		30	23	26	3	4	
04003000	M40	3.00	165	60		30	23	26	3	4	
04002000	M40	2.00	135	45		30	23	26	3	4	
04001500	M40	1.50	135	45		30	23	26	3	4	
04203000	M42	3.00	175	60		32	26	30	3	4	
04202000	M42	2.00	135	45		32	26	30	3	4	
04201500	M42	1.50	135	45		32	26	30	3	4	
04503000	M45	3.00	180	67		35	26	30	3	4	
04502000	M45	2.00	140	45		35	26	30	3	4	
04501500	M45	1.50	140	45		35	26	30	3	4	
04804000	M48	4.00	185	67		38	29	32	3	4	
04803000	M48	3.00	185	67		38	29	32	3	4	
04802000	M48	2.00	140	45		38	29	32	3	4	
04801500	M48	1.50	140	45		38	29	32	3	4	

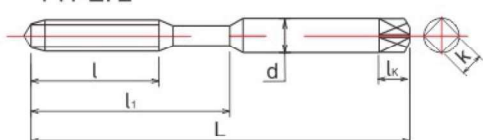


- high carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

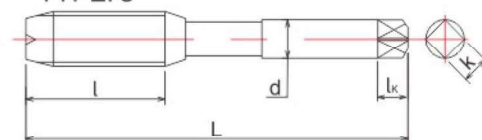
for cutting through hold / blind hole



TYPE: 2



TYPE: 3



T303 Taps Series

产品编号(code)	美制牙(UNC)	Size	Unit:mm	Net Price
T303	Size	Nominal Dia.	L l l1 d k k1 Type Flutes	T303
00002560	No.2-56UNC	2.184	42 9.5 15 3.0 2.5 5 2 2	
00003480	No.3-48UNC	2.515	44 9.5 16 3.0 2.5 5 2 2	
00004400	No.4-40UNC	2.845	44 9.5 16 3.0 2.5 5 2 2	
00005400	No.5-40UNC	3.175	46 11 18 4.0 3.2 6 2 3	
00006320	No.6-32UNC	3.505	48 13 20 4.0 3.2 6 2 3	
00008320	No.8-32UNC	4.166	52 13 21 5.0 4.0 7 2 3	
00010240	No.10-24UNC	4.826	60 16 25 5.5 4.5 7 2 3	
00012240	No.12-24UNC	5.486	60 16 25 5.5 4.5 7 2 3	
00104200	1/4-20UNC	6.350	62 19 30 6.0 4.5 7 3 3	
00516180	5/16-18UNC	7.938	70 22 6.1 5.0 8 3 3	
00308160	3/8-16UNC	9.525	75 24 7.0 5.5 8 3 3	
00716140	7/16-14UNC	11.112	80 25 8.0 6.0 9 3 3	
00102130	1/2-13UNC	12.700	85 29 9.0 7.0 10 3 3	
00916120	9/16-12UNC	14.288	90 30 10.5 8.0 11 3 3	
00508110	5/8-11UNC	15.875	95 32 12.0 9.0 12 3 3	
00304100	3/4-10UNC	19.050	105 37 14.0 11 14 3 4	
00708090	7/8-9UNC	22.225	115 38 17.0 13 16 3 4	
10000080	1-8UNC	25.400	125 45 20.0 15 18 3 4	
10108070	1 1/8-7UNC	28.575	135 48 22.0 17 20 3 4	
10104070	1 1/4-7UNC	31.750	145 51 24.0 19 22 3 4	
10308060	1 3/8-6UNC	34.925	155 57 26.0 21 24 3 4	
10102060	1 1/2-6UNC	38.100	160 60 30.0 23 26 3 4	
10304050	1 3/4-5UNC	44.450	175 67 35.0 26 30 3 4	
20000045	2-4 1/2UNC	50.800	195 70 40.0 32 35 3 4	

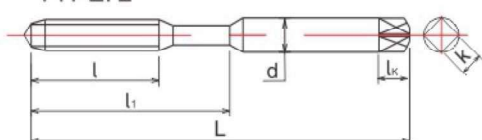


- high carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

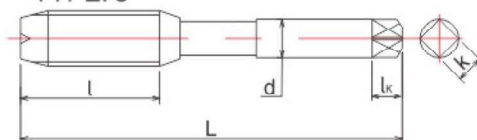
for cutting through hold / blind hole



TYPE: 2



TYPE: 3



T304 Taps Series

产品编号(code)	美制牙(UNF)	Size	Unit:mm	Net Price
T304	Size	Nominal Dia.	L l l1 d k k1 Type Flutes	T304
00002640	No.2-64UNF	2.184	42 9.5 15 3.0 2.5 5 2 2	
00003560	No.3-56UNF	2.515	44 9.5 16 3.0 2.5 5 2 2	
00004480	No.4-48UNF	2.845	44 9.5 16 3.0 2.5 5 2 2	
00005440	No.5-44UNF	3.175	46 11 18 4.0 3.2 6 2 3	
00006400	No.6-40UNF	3.505	48 13 20 4.0 3.2 6 2 3	
00008360	No.8-36UNF	4.166	52 13 21 5.0 4.0 7 2 3	
00010320	No.10-32UNF	4.826	60 16 25 5.5 4.5 7 2 3	
00012280	No.12-28UNF	5.486	60 16 25 5.5 4.5 7 2 3	
00104280	1/4-28UNF	6.350	62 19 30 6.0 4.5 7 3 3	
00104320	1/4-32UNEF	6.350	62 19 30 6.0 4.5 7 3 3	
00516240	5/16-24UNF	7.938	70 22 6.1 5.0 8 3 3	
00516320	5/16-32UNEF	7.938	70 22 6.1 5.0 8 3 3	
00308240	3/8-24UNF	9.525	75 24 7.0 5.5 8 3 3	
00308320	3/8-32UNEF	9.525	75 22 7.0 5.5 8 3 3	
00716200	7/16-20UNF	11.112	80 25 8.0 6.0 9 3 3	
00716280	7/16-28UNEF	11.112	80 25 8.0 6.0 9 3 3	
00102200	1/2-20UNF	12.700	85 29 9.0 7.0 10 3 3	
00102280	1/2-28UNEF	12.700	85 29 9.0 7.0 10 3 3	
00916180	9/16-18UNF	14.288	90 30 10.5 8.0 11 3 3	
00916240	9/16-24UNEF	14.288	90 30 10.5 8.0 11 3 3	
00508180	5/8-18UNF	15.875	95 32 12.0 9.0 12 3 3	
00508240	5/8-24UNEF	15.875	95 32 12.0 9.0 12 3 3	

SPIRAL FLUTED TAPS

JIS Taps with spiral flutes for BSW Thread

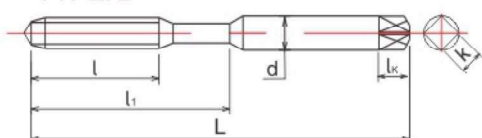


- high carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

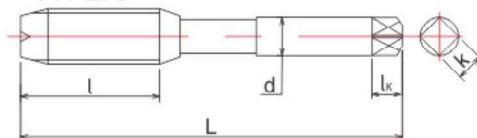
for cutting through hold / blind hole



TYPE: 2



TYPE: 3



T305 Taps Series

产品编号(code)	英 制 牙 (BSW)	Size	Unit:mm	Net Price
T305	Size	Basic Major Dia.	L l l1 d k lk Type Flutes	T305
00108400	1/8 W40	3.175	46 11 18 4.0 3.2 6 2 3	
00532320	5/32 W32	3.969	52 13 21 5.0 4.0 7 2 3	
00316240	3/16 W24	4.762	60 16 25 5.5 4.5 7 2 3	
00732240	7/32 W24	5.556	60 16 25 5.5 4.5 7 2 3	
00104200	1/4 W20	6.350	62 19 30 6.0 4.5 7 3 3	
00516180	5/16 W18	7.938	70 22 6.1 5.0 8 3 3	
00308160	3/8 W16	9.525	75 24 7.0 5.5 8 3 3	
00716140	7/16 W14	11.112	80 25 8.0 6.0 9 3 3	
00102120	1/2 W12	12.700	85 29 9.0 7.0 10 3 3	
00916120	9/16 W12	14.288	90 30 10.5 8.0 11 3 3	
00508110	5/8 W11	15.875	95 32 12.0 9.0 12 3 3	
00304100	3/4 W10	19.050	105 37 14.0 11 14 3 4	
00708090	7/8 W9	22.225	115 38 17.0 13 16 3 4	
10000080	1 W8	25.400	125 45 20.0 15 18 3 4	
10108070	1 1/8 W7	28.575	135 48 22.0 17 20 3 4	
10104070	1 1/4 W7	31.750	145 51 24.0 19 22 3 4	
10308060	1 3/8 W6	34.925	155 57 26.0 21 24 3 4	
10102060	1 1/2 W6	38.100	165 60 30.0 23 26 3 4	
10508050	1 5/8 W5	41.275	170 60 32.0 26 30 3 4	
10304050	1 3/4 W5	44.450	175 67 35.0 26 30 3 4	
10708045	1 7/8 W4 1/2	47.625	185 67 38.0 29 32 3 4	
20000045	2 W4 1/2	50.800	195 70 40.0 32 35 3 4	

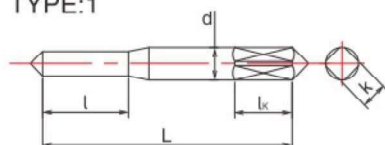


- for the cutting of materials: Stainless Steel, carbon steels, alloys steels, Non-ferrous Metals
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

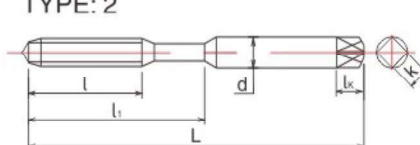
for cutting through hole



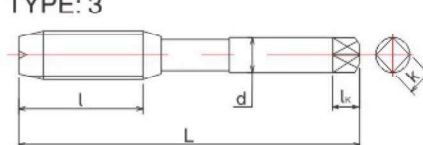
TYPE:1



TYPE: 2



TYPE: 3



T401 Taps Series

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

T401 Taps Series

产品编号(code)	公制牙(M)		Size							Unit:mm	Net Price
T401	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T401
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	
01502000	M15	2.00	90	30		10.5	8.0	11	3	3	
01602000	M16	2.00	95	32		12.5	10	13	3	3	
01702000	M17	2.00	95	32		13.0	10	13	3	3	
01802500	M18	2.50	100	37		14.0	11	14	3	3	
02002500	M20	2.50	105	37		15.0	12	15	3	3	
02202500	M22	2.50	115	38		17.0	13	16	3	3	
02403000	M24	3.00	120	45		19.0	15	18	3	3	
02603000	M26	3.00	125	45		20.0	15	18	3	4	
02703000	M27	3.00	130	45		20.0	15	18	3	4	
03003500	M30	3.50	135	48		23.0	17	20	3	4	
03303500	M33	3.50	145	51		25.0	19	22	3	4	
03604000	M36	4.00	155	57		28.0	21	24	3	4	
03904000	M39	4.00	165	60		30.0	23	26	3	4	
04204500	M42	4.50	175	60		32.0	26	30	3	4	

Exchange of minor diameter of thread in inch and in mm

番數	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

Exchange of outside diameter of thread in inch and in mm

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
呎語	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

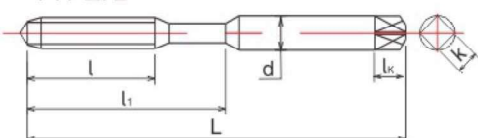


- for the cutting of materials: carbon steels, alloys steels, Non-ferrous Metals
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

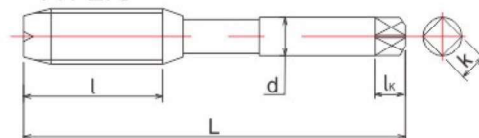
for cutting through hole



TYPE: 2



TYPE: 3



T402 Taps Series

产品编号(code)	公制牙(MF)	Size								Unit:mm	Net Price
T402	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T402
00200250	M2	0.25	42	7.0	15	3.0	2.5	5	2	3	
00220250	M2.2	0.25	42	7.0	15	3.0	2.5	5	2	3	
00250350	M2.5	0.35	44	8.0	16	3.0	2.5	5	2	3	
00260350	M2.6	0.35	44	8.0	16	3.0	2.5	5	2	3	
00300600	M3	0.60	46	11	18	4.0	3.2	6	2	3	
00300350	M3	0.35	46	9.5	18	4.0	3.2	6	2	3	
00350350	M3.5	0.35	48	9.5	20	4.0	3.2	6	2	3	
00400750	M4	0.75	52	13	21	5.0	4.0	7	2	3	
00400500	M4	0.50	52	13	21	5.0	4.0	7	2	3	
00450500	M4.5	0.50	55	13	21	5.0	4.0	7	2	3	
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3	
00550750	M5.5	0.75	60	16	25	5.5	4.5	7	2	3	
00600750	M6	0.75	62	19	30	6.0	4.5	7	3	3	
00600500	M6	0.50	55	13	25	6.0	4.5	7	3	3	
00700750	M7	0.75	65	19	30	6.2	5.0	8	3	3	
00700500	M7	0.50	55	13	25	6.2	5.0	8	3	3	
00801000	M8	1.00	70	22		6.2	5.0	8	3	3	
00800750	M8	0.75	70	22		6.2	5.0	8	3	3	
00901000	M9	1.00	72	22		7.0	5.5	8	3	3	
00900750	M9	0.75	72	22		7.0	5.5	8	3	3	
00900500	M9	0.50	72	22		7.0	5.5	8	3	3	
01001250	M10	1.25	75	24		7.0	5.5	8	3	3	
01001000	M10	1.00	75	24		7.0	5.5	8	3	3	
01000750	M10	0.75	75	22		7.0	5.5	8	3	3	

T402 Taps Series

产品编号(code)	公制牙(MF)		Size							Unit:mm	Net Price
T402	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T402
01000500	M10	0.50	75	22		7.0	5.5	8	3	3	
01101250	M11	1.25	80	25		8.0	6.0	9	3	3	
01101000	M11	1.00	80	25		8.0	6.0	9	3	3	
01100750	M11	0.75	75	22		8.0	6.0	9	3	3	
01201500	M12	1.50	82	29		8.5	6.5	9	3	3	
01201250	M12	1.25	82	29		8.5	6.5	9	3	3	
01200750	M12	0.75	75	22		8.5	6.5	9	3	3	
01200500	M12	0.50	75	22		8.5	6.5	9	3	3	
01301750	M13	1.75	85	29		9.5	7.0	10	3	3	
01301500	M13	1.50	85	29		9.5	7.0	10	3	3	
01401500	M14	1.50	88	30		10.5	8.0	11	3	3	
01401250	M14	1.25	88	30		10.5	8.0	11	3	3	
01401000	M14	1.00	88	30		10.5	8.0	11	3	3	
01501500	M15	1.50	90	30		10.5	8.0	11	3	3	
01501000	M15	1.00	90	30		10.5	8.0	11	3	3	
01601500	M16	1.50	95	32		12.5	10	13	3	3	
01601000	M16	1.00	95	32		12.5	10	13	3	3	
01701500	M17	1.50	95	32		13.0	10	13	3	3	
01701000	M17	1.00	95	32		13.0	10	13	3	3	
01802000	M18	2.00	100	37		14.0	11	14	3	3	
01801500	M18	1.50	100	37		14.0	11	14	3	3	
01801250	M18	1.25	95	30		14.0	11	14	3	3	
01801000	M18	1.00	95	30		14.0	11	14	3	3	
01901500	M19	1.50	105	37		14.0	11	14	3	3	
01901000	M19	1.00	95	30		14.0	11	14	3	3	
02002000	M20	2.00	105	37		15.0	12	15	3	3	
02001500	M20	1.50	105	37		15.0	12	15	3	3	
02202000	M22	2.00	115	38		17.0	13	16	3	3	
02201500	M22	1.50	115	38		17.0	13	16	3	3	
02201000	M22	1.00	95	30		17.0	13	16	3	3	
02301500	M23	1.50	115	38		18.0	14	17	3	3	
02402000	M24	2.00	120	45		19.0	15	18	3	3	
02401500	M24	1.50	120	45		19.0	15	18	3	3	
02502000	M25	2.00	125	45		19.0	15	18	3	3	
02501500	M25	1.50	125	45		19.0	15	18	3	3	
02602000	M26	2.00	125	45		20.0	15	18	3	4	
02601500	M26	1.50	125	45		20.0	15	18	3	4	
02702000	M27	2.00	130	45		20.0	15	18	3	4	

T402 Taps Series

产品编号(code)	公 制 牙 (MF)		Size							Unit:mm	Net Price
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	
02802000	M28	2.00	130	45		21	17	20	3	4	
02801500	M28	1.50	130	45		21	17	20	3	4	
03003000	M30	3.00	135	48		23	17	20	3	4	
03002000	M30	2.00	135	45		23	17	20	3	4	
03203000	M32	3.00	145	51		24	19	22	3	4	
03202000	M32	2.00	135	45		24	19	22	3	4	
03301500	M33	1.50	135	45		25	19	22	3	4	
03301000	M33	1.00	110	30		25	19	22	3	4	
03303000	M33	3.00	145	51		25	19	22	3	4	
03302000	M33	2.00	135	45		25	19	22	3	4	
03403000	M34	3.00	145	51		26	21	24	3	4	
03402000	M34	2.00	135	45		26	21	24	3	4	
03401500	M34	1.50	135	45		26	21	24	3	4	
03401000	M34	1.00	110	30		26	21	24	3	4	
03503000	M35	3.00	155	57		26	21	24	3	4	
03502000	M35	2.00	135	45		26	21	24	3	4	
03501500	M35	1.50	135	45		26	21	24	3	4	
03603000	M36	3.00	155	57		28	21	24	3	4	
03602000	M36	2.00	135	45		28	21	24	3	4	
03601500	M36	1.50	135	45		28	21	24	3	4	
03903000	M39	3.00	165	60		30	23	26	3	4	
03902000	M39	2.00	135	45		30	23	26	3	4	
03901500	M39	1.50	135	45		30	23	26	3	4	
04003000	M40	3.00	165	60		30	23	26	3	4	
04002000	M40	2.00	135	45		30	23	26	3	4	
04001500	M40	1.50	135	45		30	23	26	3	4	
04203000	M42	3.00	175	60		32	26	30	3	4	
04202000	M42	2.00	135	45		32	26	30	3	4	
04201500	M42	1.50	135	45		32	26	30	3	4	
04503000	M45	3.00	180	67		35	26	30	3	4	
04502000	M45	2.00	140	45		35	26	30	3	4	
04501500	M45	1.50	140	45		35	26	30	3	4	
04804000	M48	4.00	185	67		38	29	32	3	4	
04803000	M48	3.00	185	67		38	29	32	3	4	
04802000	M48	2.00	140	45		38	29	32	3	4	
04801500	M48	1.50	140	45		38	29	32	3	4	

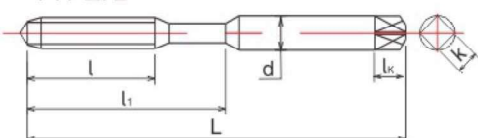


- for the cutting of materials: Stainless Steel, carbon steels, alloys steels, Non-ferrous Metals
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

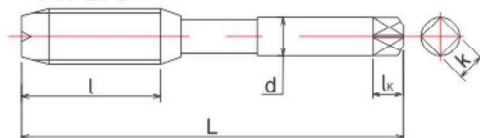
for cutting through hole



TYPE: 2



TYPE: 3



T403 Taps Series

产品编号(code)	美制牙(UNC)	Size	Unit:mm	Net Price
T403	Size	Nominal Dia.	L l l1 d k lk Type Flutes	T403
00002560	No.2-56UNC	2.184	42 9.5 15 3.0 2.5 5 2 2	
00003480	No.3-48UNC	2.515	44 9.5 16 3.0 2.5 5 2 2	
00004400	No.4-40UNC	2.845	44 9.5 16 3.0 2.5 5 2 2	
00005400	No.5-40UNC	3.175	46 11 18 4.0 3.2 6 2 3	
00006320	No.6-32UNC	3.505	48 13 20 4.0 3.2 6 2 3	
00008320	No.8-32UNC	4.166	52 13 21 5.0 4.0 7 2 3	
00010240	No.10-24UNC	4.826	60 16 25 5.5 4.5 7 2 3	
00012240	No.12-24UNC	5.486	60 16 25 5.5 4.5 7 2 3	
00104200	1/4-20UNC	6.350	62 19 30 6.0 4.5 7 3 3	
00516180	5/16-18UNC	7.938	70 22 6.1 5.0 8 3 3	
00308160	3/8-16UNC	9.525	75 24 7.0 5.5 8 3 3	
00716140	7/16-14UNC	11.112	80 25 8.0 6.0 9 3 3	
00102130	1/2-13UNC	12.700	85 29 9.0 7.0 10 3 3	
00916120	9/16-12UNC	14.288	90 30 10.5 8.0 11 3 3	
00508110	5/8-11UNC	15.875	95 32 12.0 9.0 12 3 3	
00304100	3/4-10UNC	19.050	105 37 14.0 11 14 3 3	
00708090	7/8-9UNC	22.225	115 38 17.0 13 16 3 3	
10000080	1-8UNC	25.400	125 45 20.0 15 18 3 3	
10108070	1 1/8-7UNC	28.575	135 48 22.0 17 20 3 4	
10104070	1 1/4-7UNC	31.750	145 51 24.0 19 22 3 4	
10308060	1 3/8-6UNC	34.925	155 57 26.0 21 24 3 4	
10102060	1 1/2-6UNC	38.100	160 60 30.0 23 26 3 4	
10304050	1 3/4-5UNC	44.450	175 67 35.0 26 30 3 4	

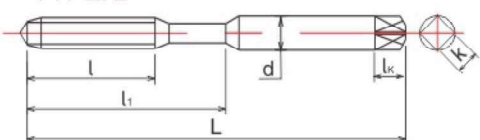


- for the cutting of materials: Stainless Steel, carbon steels, alloys steels, Non-ferrous Metals
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

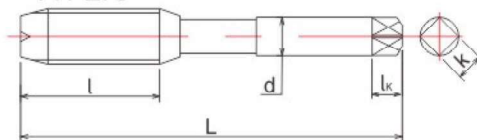
for cutting through hole



TYPE: 2



TYPE: 3



T404 Taps Series

产品编号(code)	美制牙(UNC)	Size	Unit:mm	Net Price
T404	Size	Nominal Dia.	L l l1 d k lk Type Flutes	T404
00002640	No.2-64UNF	2.184	42 9.5 15 3.0 2.5 5 2 2	
00003560	No.3-56UNF	2.515	44 9.5 16 3.0 2.5 5 2 2	
00004480	No.4-48UNF	2.845	44 9.5 16 3.0 2.5 5 2 2	
00005440	No.5-44UNF	3.175	46 11 18 4.0 3.2 6 2 3	
00006400	No.6-40UNF	3.505	48 13 20 4.0 3.2 6 2 3	
00008360	No.8-36UNF	4.166	52 13 21 5.0 4.0 7 2 3	
00010320	No.10-32UNF	4.826	60 16 25 5.5 4.5 7 2 3	
00012280	No.12-28UNF	5.486	60 16 25 5.5 4.5 7 2 3	
00104280	1/4-28UNF	6.350	62 19 30 6.0 4.5 7 3 3	
00104320	1/4-32UNEF	6.350	62 19 30 6.0 4.5 7 3 3	
00516240	5/16-24UNF	7.938	70 22 6.1 5.0 8 3 3	
00516320	5/16-32UNEF	7.938	70 22 6.1 5.0 8 3 3	
00308240	3/8-24UNF	9.525	75 24 7.0 5.5 8 3 3	
00308320	3/8-32UNEF	9.525	75 22 7.0 5.5 8 3 3	
00716200	7/16-20UNF	11.112	80 25 8.0 6.0 9 3 3	
00716280	7/16-28UNEF	11.112	80 25 8.0 6.0 9 3 3	
00102200	1/2-20UNF	12.700	85 29 9.0 7.0 10 3 3	
00102280	1/2-28UNEF	12.700	85 29 9.0 7.0 10 3 3	
00916180	9/16-18UNF	14.288	90 30 10.5 8.0 11 3 3	
00916240	9/16-24UNEF	14.288	90 30 10.5 8.0 11 3 3	
00508180	5/8-18UNF	15.875	95 32 12.0 9.0 12 3 3	
00508240	5/8-24UNEF	15.875	95 32 12.0 9.0 12 3 3	
00304160	3/4-16UNF	19.050	105 37 14.0 11.0 14 3 3	
00304200	3/4-20UNEF	19.050	95 30 14.0 11.0 14 3 3	

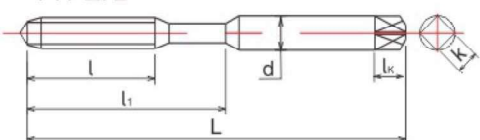


- for the cutting of materials: Stainless Steel, carbon steels, alloys steels, Non-ferrous Metals
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

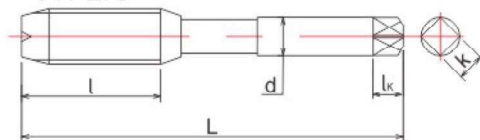
for cutting through hole



TYPE: 2



TYPE: 3



T405 Taps Series

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

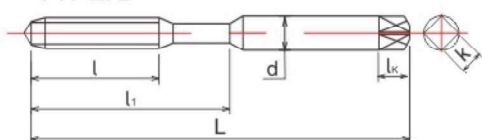


- for the cutting of materials: Stainless Steel, carbon steels, alloys steels, Non-ferrous Metals
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

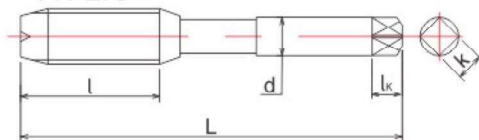
for cutting through hole



TYPE: 2



TYPE: 3

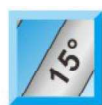


T408 Taps Series

产品编号(code)	公制牙(M)	Size								Unit:mm	Net Price
T408	Size	Pitch	L	l	l ₁	d	k	lk	Type	Flutes	T408
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	
00300350	M3	0.35	46	9.5	18	4.0	3.2	6	2	3	
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	
00400500	M4	0.50	52	13	21	5.0	4.0	7	2	3	
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	
00600750	M6	0.75	62	19	30	6.0	4.5	7	2	3	
00600500	M6	0.50	55	13	25	6.0	4.5	7	2	3	
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	
00801000	M8	1.00	70	22		6.2	5.0	8	3	3	
00800750	M8	0.75	70	22		6.2	5.0	8	3	3	
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	
01001250	M10	1.25	75	24		7.0	5.5	8	3	3	
01001000	M10	1.00	75	24		7.0	5.5	8	3	3	
01000750	M10	0.75	75	22		7.0	5.5	8	3	3	
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	
01201500	M12	1.50	82	29		8.5	6.5	9	3	3	
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	
01602000	M16	2.00	95	32		12.5	10.0	13	3	3	
01601500	M16	1.50	95	32		12.5	10.0	13	3	3	
01601000	M16	1.00	95	32		12.5	10.0	13	3	3	

CAST IRON SPIRAL FLUTED TAPS

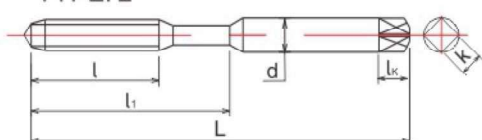
JIS Taps with spiral flutes for the Cutting of Cast Iron



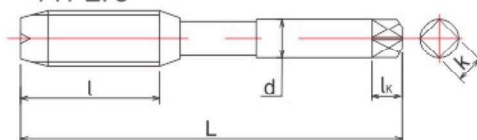
- for the cutting of materials: Cast Iron, Cast iron with nodular graphite, Strong-edged cast iron
- Harding, forged steel HRC 35°≥20°



TYPE: 2



TYPE: 3



T501 Taps Series

产品编号(code)	公制牙 (M)	Size								Unit:mm	Net Price
T501	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T501
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	2	
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	2	
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	
01602000	M16	2.00	95	32		12.5	10	13	3	3	
01802500	M18	2.50	100	37		14.0	11	14	3	4	
02002500	M20	2.50	105	37		15	12	15	3	4	
02202500	M22	2.50	115	38		17	13	16	3	4	
02403000	M24	3.00	120	45		19	15	18	3	4	
02603000	M26	3.00	125	45		20	15	18	3	4	
02703000	M27	3.00	130	45		20	15	18	3	4	
03003500	M30	3.50	135	48		23	17	20	3	4	
03303500	M33	3.50	145	51		25	19	22	3	4	
03604000	M36	4.00	155	57		28	21	24	3	4	

SPECIAL STAINLESS STEEL SPIRAL FLUTED TAPS

JIS Taps with spiral flutes for the Cutting of Stainless Steel

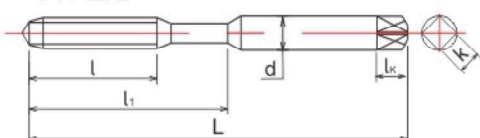


- for the cutting of materials: Stainless Steel, carbon steel, alloys steels, Iron-steels, case-hardening steel below a tensile strength of 750N/mm²
- suitable for the threading of thread length 1.5-2 X D

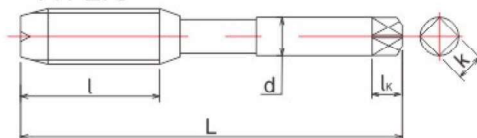
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T502 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
T502	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T502
00200400	M2	0.40	42	4.0	15	3.0	2.5	5	2	2	
00250450	M2.5	0.45	44	4.5	16	3.0	2.5	5	2	2	
00260450	M2.6	0.45	44	4.5	16	3.0	2.5	5	2	2	
00300500	M3	0.50	46	5.0	18	4.0	3.2	6	2	3	
00400700	M4	0.70	52	7.0	20	5.0	4.0	7	2	3	
00500800	M5	0.80	60	8.0	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	11	28	6.0	4.5	7	2	3	
00801250	M8	1.25	70	12		6.2	5.0	8	3	3	
01001500	M10	1.50	75	13		7.0	5.5	8	3	3	
01201750	M12	1.75	82	15		8.5	6.5	9	3	3	
01402000	M14	2.00	88	18		10.5	8.0	11	3	3	
01602000	M16	2.00	95	18		12.5	10	13	3	3	
01802500	M18	2.50	100	20		14.0	11	14	3	4	
02002500	M20	2.50	105	20		15.0	12	15	3	4	
02202500	M22	2.50	115	20		17.0	13	16	3	4	
02403000	M24	3.00	120	25		19.0	15	18	3	4	

the price without coating



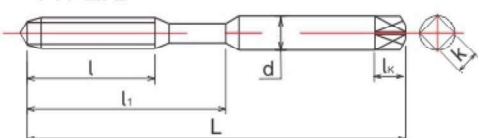
- for the cutting of materials: Al, Zn, shapeable Alloys, Non-ferrous Metals

- 注意：符号※者较合适MACHINE/CNC自动化钢性攻牙。

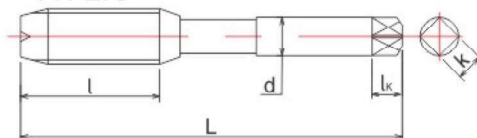
for cutting through hole /blind hole



TYPE: 2



TYPE: 3



T503 Taps Series

产品编号(code)	公制牙 (M)	Size								Unit:mm	Net Price
T503	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T503
00200400	M2	0.40	42	4.0	15	3.0	2.5	5	2	2	
00250450	M2.5	0.45	44	4.5	16	3.0	2.5	5	2	2	
00260450	M2.6	0.45	44	4.5	16	3.0	2.5	5	2	2	
00300500	M3	0.50	46	5.0	18	4.0	3.2	6	2	3	
00400700	M4	0.70	52	7.0	20	5.0	4.0	7	2	3	
00500800	M5	0.80	60	8.0	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	11	28	6.0	4.5	7	2	3	
00801250	M8	1.25	70	12		6.2	5.0	8	3	3	
01001500	M10	1.50	75	13		7.0	5.5	8	3	3	
01201750	M12	1.75	82	15		8.5	6.5	9	3	3	
01402000	M14	2.00	88	18		10.5	8.0	11	3	3	
01602000	M16	2.00	95	18		12.5	10	13	3	3	
01802500	M18	2.50	100	20		14.0	11	14	3	4	
02002500	M20	2.50	105	20		15.0	12	15	3	4	
02202500	M22	2.50	115	20		17.0	13	16	3	4	
02403000	M24	3.00	120	25		19.0	15	18	3	4	

the price without coating

SPECIAL STAINLESS STEEL GUN-NOSE TAPS

JIS Taps with spiral flutes for the Cutting of Cast Iron

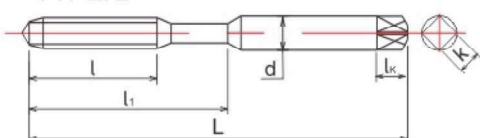


- for the cutting of materials: medium and low carbon steels, bronze and aluminium alloys below a tensile strength of 750N/mm²
- suitable for the threading of thread length 1.5-2 X D

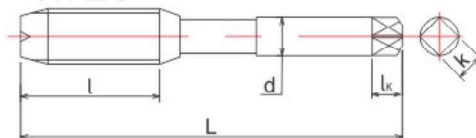
for cutting through hole



TYPE: 2



TYPE: 3



T504 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
T504	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T504
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	
01602000	M16	2.00	95	32		12.5	10	13	3	3	
01802500	M18	2.50	100	37		14.0	11	14	3	3	
02002500	M20	2.50	105	37		15.0	12	15	3	3	
02202500	M22	2.50	115	38		17.0	13	16	3	3	
02403000	M24	3.00	120	45		19.0	15	18	3	3	

the price without coating

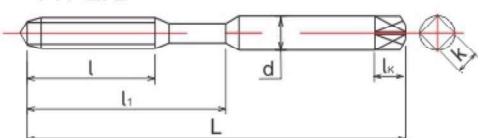


● for the cutting of materials: Non-ferrous Metals, bonze and aluminium alloys

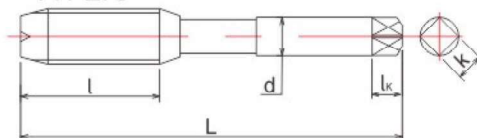
for cutting through hole



TYPE: 2



TYPE: 3



T505 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
T505	Size	Pitch	L	l	l ₁	d	k	k ₁	Type	Flutes	T505
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	
01602000	M16	2.00	95	32		12.5	10	13	3	3	
01802500	M18	2.50	100	37		14.0	11	14	3	3	
02002500	M20	2.50	105	37		15.0	12	15	3	3	
02202500	M22	2.50	115	38		17.0	13	16	3	3	
02403000	M24	3.00	120	45		19.0	15	18	3	3	

the price without coating

M

JIS

HSS-Co

6H

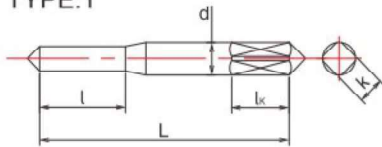
60°



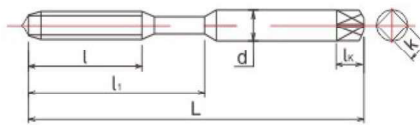
for the cutting of materials: red copper, brass, zinc aluminium alloys, shapeable non ferrous Alloys medium and low carbon steels, alloys steels, Stainless Steel below a tensile strength of 750N/mm²

for cutting through hole /blind hole

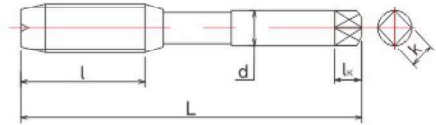
TYPE:1



TYPE: 2



TYPE: 3



T507 Taps Series

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

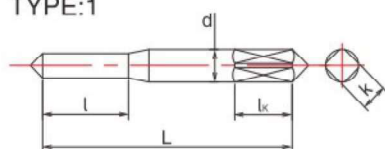


for the cutting of materials: red copper, brass, zinc aluminium alloys, shapeable non ferrous Alloys medium and low carbon steels, alloys steels, Stainless Steel below a tensile strength of 750N/mm²

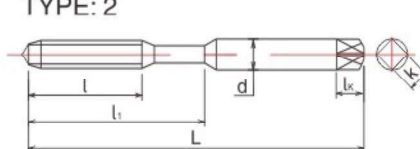
for cutting through hole / blind hold



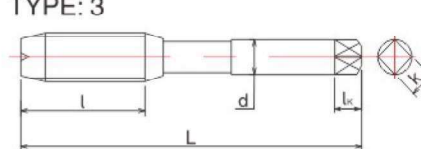
TYPE:1



TYPE: 2

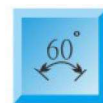


TYPE: 3



T509 Taps Series

产品编号(code)	美制牙(UNC)	精度	Size							Unit:mm	Net Price
T509	Size	Nominal Dia.	L	l	l1	d	k	lk	Type		T509
00000800	No.0-80UNF	1.524	36	8		3.0	2.5	5	1		
00001720	No.1-72UNF	1.854	36	8		3.0	2.5	5	1		
00002560	No.2-56UNC	2.184	42	9.5	15	3.0	2.5	5	2		
00004400	No.4-40UNC	2.845	44	9.5	16	3.0	2.5	5	2		
00005400	No.5-40UNC	3.175	46	11	18	4.0	3.2	6	2		
00006320	No.6-32UNC	3.505	48	13	20	4.0	3.2	6	2		
00008320	No.8-32UNC	4.166	52	13	21	5.0	4.0	7	2		
00010240	No.10-24UNC	4.826	60	16	25	5.5	4.5	7	2		
00010320	No.10-32UNF	4.826	60	16	25	5.5	4.5	7	2		
00104200	1/4-20UNC	6.350	62	19	30	6.0	4.5	7	3		
00104280	1/4-28UNF	6.350	62	19	30	6.0	4.5	7	3		
00516180	5/16-18UNC	7.938	70	22		6.1	5.0	8	3		
00516240	5/16-24UNF	7.938	70	22		6.1	5.0	8	3		
00308160	3/8-16UNC	9.525	75	24		7.0	5.5	8	3		
00308240	3/8-24UNF	9.525	75	24		7.0	5.5	8	3		

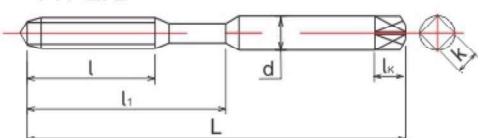


- for the cutting of materials: heat-resistant steel, Cast Iron, cast iron with nodular graphite, Strong-edged cast iron
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

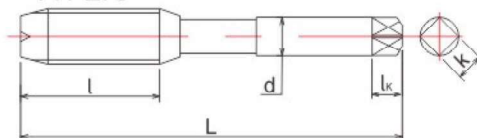
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T601 Taps Series

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

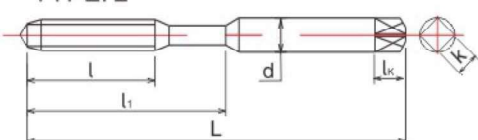


● for the cutting of materials: Stainless Steel, alloys steels, heat-resistant steel below HRC40

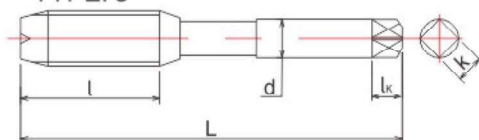
for cutting through hole



TYPE: 2



TYPE: 3



T602 Taps Series

产品编号(code)	公制牙 (M)	Size								Unit:mm	Net Price
T602	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T602
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	2	
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	2	
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	2	
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	2	
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	2	
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	
00450750	M4.5	0.75	55	13	21	5.0	4.0	7	2	3	
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	3	
00801250	M8	1.25	70	22		6.2	5.0	8	3	3	
00901250	M9	1.25	72	22		7.0	5.5	8	3	3	
01001500	M10	1.50	75	24		7.0	5.5	8	3	3	
01101500	M11	1.50	80	25		8.0	6.0	9	3	3	
01201750	M12	1.75	82	29		8.5	6.5	9	3	3	
01402000	M14	2.00	88	30		10.5	8.0	11	3	3	
01502000	M15	2.00	90	30		10.5	8.0	11	3	3	
01602000	M16	2.00	95	32		12.5	10	13	3	3	
01802500	M18	2.50	100	37		14.0	11	14	3	3	
02002500	M20	2.50	105	37		15.0	12	15	3	3	
02202500	M22	2.50	115	38		17.0	13	16	3	3	
02403000	M24	3.00	120	45		19.0	15	18	3	3	

SPIRAL FLUTED TAPS

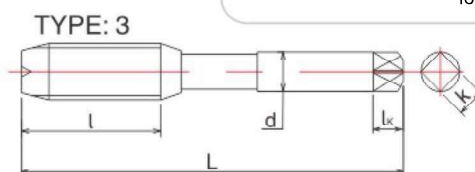
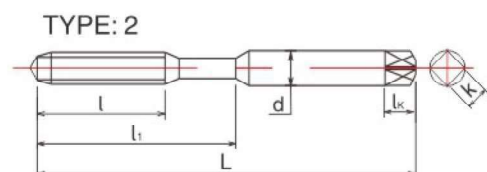
T JIS Taps with spiral flutes for EG Thread

T603



for the cutting of materials: wooden, plastic, bonze and aluminium, die Steel, shapeable material

for cutting blind hole



T603 Taps Series

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

T605



T605 Taps Series

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

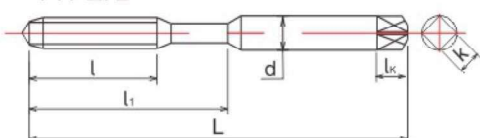


for the cutting of materials: Cast Iron, Bronze, cast aluminium, medium and low carbon steels, die Steel

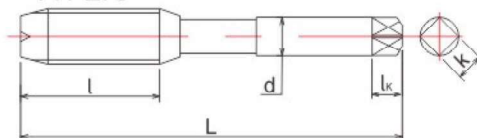
for cutting through hole / blind hold



TYPE: 2



TYPE: 3



T201 Taps Series

产品编号(code)	公制牙 (M)	Size								Unit:mm	Net Price
T201	Size	Pitch	L	l	l ₁	d	k	lk	Type	Flutes	T201
00200400	M2	0.40	42	9.5	15	3.0	2.5	5	2	3	
00220450	M2.2	0.45	42	9.5	15	3.0	2.5	5	2	3	
00230400	M2.3	0.40	42	9.5	15	3.0	2.5	5	2	3	
00250450	M2.5	0.45	44	9.5	16	3.0	2.5	5	2	3	
00260450	M2.6	0.45	44	9.5	16	3.0	2.5	5	2	3	
00300500	M3	0.50	46	11	18	4.0	3.2	6	2	3	
00350600	M3.5	0.60	48	13	20	4.0	3.2	6	2	3	
00400700	M4	0.70	52	13	20	5.0	4.0	7	2	3	
00450750	M4.5	0.75	55	13	21	5.0	4.0	7	2	3	
00500800	M5	0.80	60	16	25	5.5	4.5	7	2	3	
00550900	M5.5	0.90	60	16	25	5.5	4.5	7	2	3	
00601000	M6	1.00	62	19	28	6.0	4.5	7	2	3	
00701000	M7	1.00	65	19	30	6.2	5.0	8	3	4	
00801250	M8	1.25	70	22		6.2	5.0	8	3	4	
01001500	M10	1.50	75	24		7.0	5.5	8	3	4	
01101500	M11	1.50	80	25		8.0	6.0	9	3	4	
01201750	M12	1.75	82	29		8.5	6.5	9	3	4	
01402000	M14	2.00	88	30		10.5	8.0	11	3	4	
01502000	M15	2.00	90	30		10.5	8.0	11	3	4	
01602000	M16	2.00	95	32		12.5	10	13	3	4	
01802500	M18	2.50	100	37		14.0	11	14	3	4	
02002500	M20	2.50	105	37		15.0	12	15	3	4	
02202500	M22	2.50	115	38		17.0	13	16	3	4	
02403000	M24	3.00	120	45		19.0	15	18	3	4	

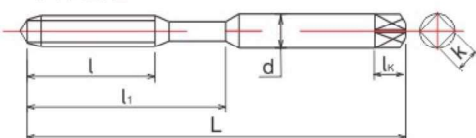


for the cutting of materials: Cast Iron, Bronze, cast aluminium, medium and low carbon steels, die Steel

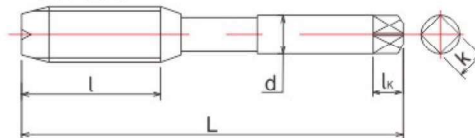
for cutting through hole / blind hole



TYPE: 2



TYPE: 3

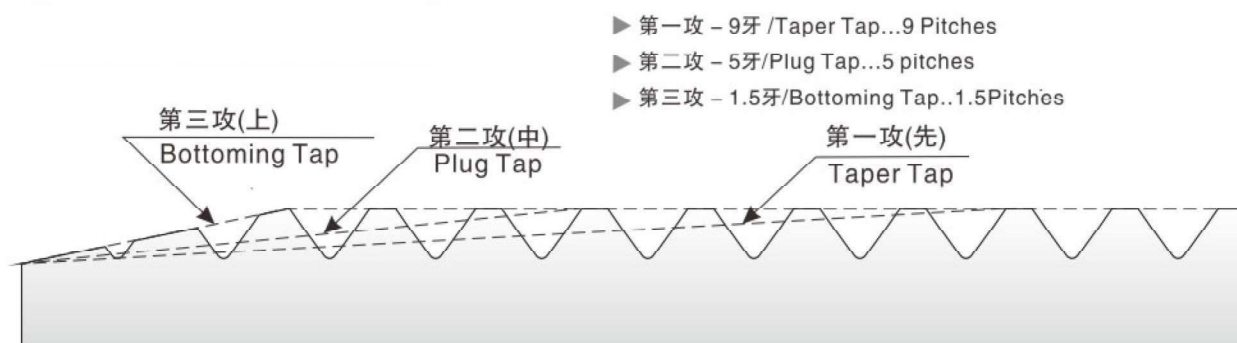


T202 Taps Series

产品编号(code)	公制牙 (MF)	Size								Unit:mm	Net Price
T202	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T202
00200250	M2	0.25	42	7	15	3.0	2.5	5	2	3	
00230250	M2.3	0.25	42	7	15	3.0	2.5	5	2	3	
00250350	M2.5	0.35	44	8	16	3.0	2.5	5	2	3	
00260350	M2.6	0.35	44	8	16	3.0	2.5	5	2	3	
00300600	M3	0.60	46	11	18	4.0	3.2	6	2	3	
00300350	M3	0.35	46	9.5	18	4.0	3.2	6	2	3	
00350350	M3.5	0.35	48	9.5	20	4.0	3.2	6	2	3	
00400750	M4	0.75	52	13	20	5.0	4.0	7	2	3	
00400500	M4	0.50	52	13	20	5.0	4.0	7	2	3	
00450500	M4.5	0.50	55	13	21	5.0	4.0	7	2	3	
00500500	M5	0.50	55	13	25	5.5	4.5	7	2	3	
00500750	M5	0.75	60	16	25	5.5	4.5	7	2	3	
00600750	M6	0.75	62	19	28	6.0	4.5	7	2	3	
00600500	M6	0.50	55	13	25	6.0	4.5	7	2	3	
00700750	M7	0.75	65	19	30	6.2	5.0	8	3	4	
00700500	M7	0.50	55	13	25	6.2	5.0	8	3	4	
00801000	M8	1.00	70	22		6.2	5.0	8	3	4	
00800750	M8	0.75	70	22		6.2	5.0	8	3	4	
00901000	M9	1.00	72	22		7.0	5.5	8	3	4	
01001250	M10	1.25	75	24		7.0	5.5	8	3	4	
01001000	M10	1.00	75	24		7.0	5.5	8	3	4	
01000750	M10	0.75	75	22		7.0	5.5	8	3	4	
01000500	M10	0.50	55	13		7.0	5.5	8	3	4	
01101250	M11	1.25	80	25		8.0	6.0	9	3	4	

T202 Taps Series

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



- ▶ 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)

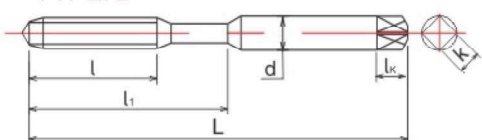


for the cutting of materials: Cast Iron, Bronze, cast aluminium, medium and low carbon steels, die Steel

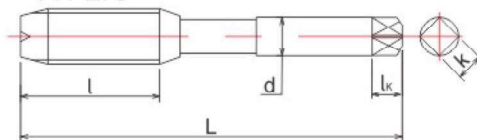
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T203 Taps Series

产品编号(code)	美制牙 (UNC)	Size	Unit:mm	Net Price
T203	Size Basic Major Dia.	L l l1 d k lk Type Flutes	T203	
00002560	No.2-56UNC 2.184	42 9.5 15 3.0 2.5 5 2 3		
00003480	No.3-48UNC 2.515	44 9.5 16 3.0 2.5 5 2 3		
00004400	No.4-40UNC 2.845	44 9.5 16 3.0 2.5 5 2 3		
00005400	No.5-40UNC 3.175	46 11 18 4.0 3.2 6 2 3		
00006320	No.6-32UNC 3.505	48 13 20 4.0 3.2 6 2 3		
00008320	No.8-32UNC 4.166	52 13 21 5.0 4.0 7 2 3		
00010240	No.10-24UNC 4.826	60 16 25 5.5 4.5 7 2 3		
00012240	No.12-24UNC 5.486	60 16 26 5.5 4.5 7 2 3		
00104200	1/4-20UNC 6.350	62 19 30 6.0 4.5 7 3 3		
00516180	5/16-18UNC 7.938	70 22 6.1 5.0 8 3 4		
00308160	3/8-16UNC 9.525	75 24 7.0 5.5 8 3 4		
00716140	7/16-14UNC 11.112	80 25 8.0 6.0 9 3 4		
00102130	1/2-13UNC 12.700	85 29 9.0 7.0 10 3 4		
00916120	9/16-12UNC 14.288	90 30 10.5 8.0 11 3 4		
00508110	5/8-11UNC 15.875	95 32 12.0 9.0 12 3 4		
00304100	3/4-10UNC 19.050	105 37 14.0 11 14 3 4		
00708090	7/8-9UNC 22.225	115 38 17.0 13 16 3 4		
10000080	1 - 8 U N C 25.400	125 45 20.0 15 18 3 4		
10108070	1 1/8-7UNC 28.575	135 48 22.0 17 20 3 4		
10104070	1 1/4-7UNC 31.750	145 51 24.0 19 22 3 4		
10308060	1 3/8-6UNC 34.925	155 57 26.0 21 24 3 4		
10102060	1 1/2-6UNC 38.100	160 60 30.0 23 26 3 4		
10304050	1 3/4-5UNC 44.450	175 67 35.0 26 30 3 4		
20000045	2-4 1/2UNC 50.800	195 70 40.0 32 35 3 4		

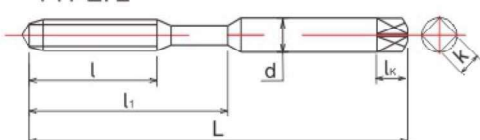


for the cutting of materials: Cast Iron, Bronze, cast aluminium, medium and low carbon steels, die Steel

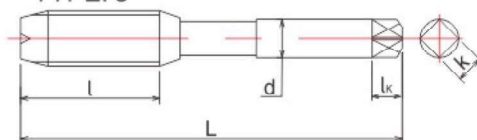
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T204 Taps Series

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

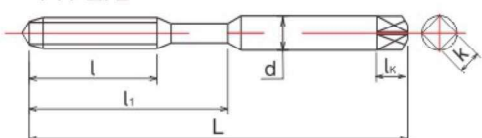


for the cutting of materials: Cast Iron, Bonze, cast aluminium, medium and low carbon steels, die Steel

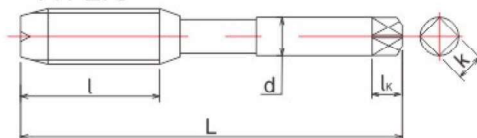
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T205 Taps Series

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

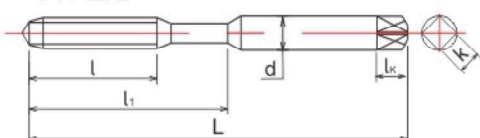


for the cutting of materials: Cast Iron, Bronze, cast aluminium, medium and low carbon steels, die Steel

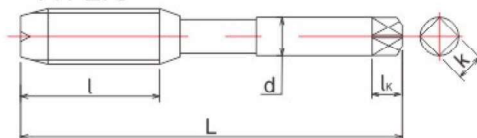
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T206 Taps Series

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

ISO2284 Parallel Pipe Taps

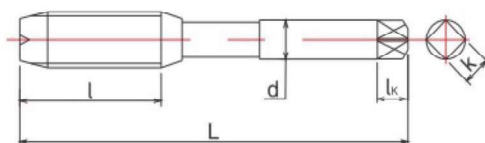
ISO2284 Taps with Straight Flutes for straight pipe thread

T701



- suitable for the cutting of internal thread
- die Steel, carbon steels, AL-steel alloys below a tensile strength of 850N/mm²

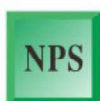
TYPE: 3



T701 Taps Series

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

T703



T703 Taps Series

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

ISO2284 Parallel Pipe Taps

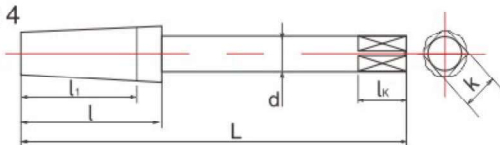
ISO2284 Taps with Straight Flutes for tapered pipe thread

T702



- suitable for the cutting of internal thread
- die Steel, carbon steels,AL-steel alloys below a tensile strength of 850N/mm²

TYPE: 4



T702 Taps Series

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

T704



T704 Taps Series

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

SPIRAL FLUTED TAPS

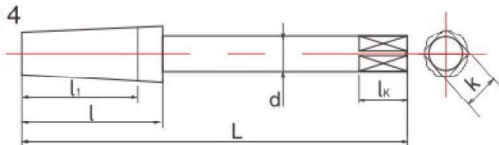
JIS Taps with spiral Flutes for straight pipe thread

T801



- T801 suitable for the cutting of internal sealing thread, T804 suitable for the cutting of internal thread
- die Steel, carbon steels,AL-steel alloys below a tensile strength of 850N/mm²

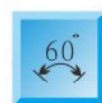
TYPE: 4



T801 Taps Series

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

T804



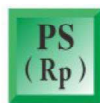
T804 Taps Series

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

SPIRAL FLUTED TAPS

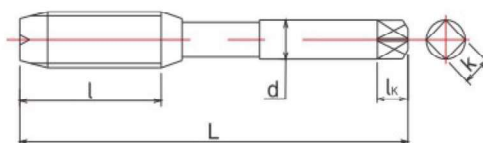
JIS Taps with spiral Flutes for tapered pipe thread

T802



- T802 suitable for the cutting of internal sealing thread, T803 suitable for the cutting of internal thread
- die Steel, carbon steels, AL-steel alloys below a tensile strength of 850N/mm²

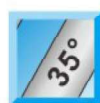
TYPE: 3



T802 Taps Series

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

T803



T803 Taps Series

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

TAPER PIPE HAND TAPS

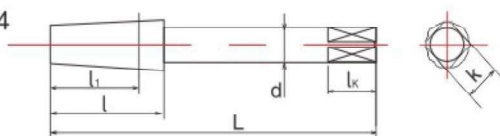
JIS with short Cutting edge and spiral Flute for straight pipe thread

T805



- suitable for the cutting of internal sealing thread with tapered
- carbon steels, Bronze, Aluminium alloys below a tensile strength of 850N/mm²

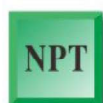
TYPE: 4



T805 Taps Series

产品编号(code)	英制斜度管牙 (PT)	Size	Unit:mm	Net Price
T805	Size Basic Maj.Dia.	L l l1 d k lk Type Flutes	T805	
00116280	1/16-28 7.723	54 14.0 10.1 8.0 6.0 9.0 4 4		
00108280	1/8-28 9.728	55 16.5 10.5 8.0 6.0 9.0 4 4		
00104190	1/4-19 13.157	62 19.5 12.5 11.0 9.0 12.0 4 4		
00308190	3/8-19 16.662	65 21.0 14.0 14.0 11.0 14.0 4 4		
00102140	1/2-14 20.955	80 27.0 17.0 18.0 14.0 17.0 4 4		
00304140	3/4-14 26.441	85 29.0 19.0 23.0 17.0 20.0 4 4		
10000110	1-11 33.249	95 35.0 22.0 26.0 24.0 24.0 4 4		

T806

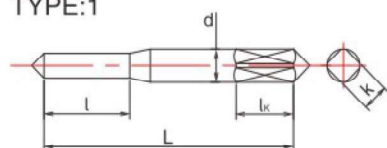


T806 Taps Series

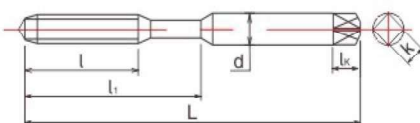
产品编号(code)	美制斜度管牙 (NPT)	Size	Unit:mm	Net Price
T806	Size Basic Maj.Dia.	L l l1 d k lk Type Flutes	T806	
00116270	1/16-27 7.770	54 14.0 10.1 8.0 6.0 9.0 4 4		
00108270	1/8-27 10.117	55 16.5 10.5 8.0 6.0 9.0 4 4		
00104180	1/4-18 13.426	62 19.5 12.5 11.0 9.0 12.0 4 4		
00308180	3/8-18 16.866	65 21.0 14.0 14.0 11.0 14.0 4 4		
00102140	1/2-14 20.980	80 27.0 17.0 18.0 14.0 17.0 4 4		
00304140	3/4-14 26.325	85 29.0 19.0 23.0 17.0 20.0 4 4		
10000115	1-11 1/2 32.934	95 35.0 22.0 26.0 24.0 24.0 4 4		



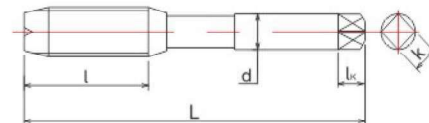
TYPE:1



TYPE: 2



TYPE: 3



Metric		
Type	Chamfer	Net Price
M3-4全钨	3	
M5全钨	3	
M6全钨	3	
M7全钨	3	
M8全钨	3	
M9全钨	3	
M10全钨	3	
M11全钨	3	
M12全钨	3/4	
M13 - 14	4	
M15 - 17	4	
M18 - 19	4	
M20 - 21	4	
M22	4	
M23	4	
M24	4	
M25 - 26	4	
M27 - 28	4	
M29	6	
M30	6	
M31 - 33	6	
M34 - 36	6	
M37 - 38	6	
M39	6	
M40 - 42	8	
M43 - 45	8	
M46 - 47	8	
M48	8	
M49	8	
M50 - 51	8	
M52 - 53	8	

Inch		
Type	Chamfer	Net Price
3/16"全钨	3	
1/4"全钨	3	
5/16"全钨	3	
3/8"全钨	3	
7/16"全钨	3/4	
1/2"	4/4	
9/16"	4	
5/8"	4	
11/16"	4	
3/4"	4	
13/16"	4	
7/8"	4	
15/16"	4	
1"	4	
1 - 1/32"	4	
1 - 1/16"	4	
1 - 1/8"	4	
1 - 3/16"	6	
1 - 1/4"	6	
1 - 5/16"	6	
1 - 3/8"	6	
1 - 7/16"	6	
1 - 1/2"	6	
1 - 9/16"	6	
1 - 5/8"	6	
1 - 11/16"	6	
1 - 3/4"	8	
1 - 13/16"	8	
1 - 7/8"	8	
1 - 15/16"	8	
2"	8	

Inch		
Type	Chamfer	Net Price
5# - 40	3	
6# - 32	3	
8# - 32	3	
10# - 32	3	
12# - 32	3	

Pipe(PT/NPT/NPS/PF/PS/G/R/NH)

Type	Chamfer	Net Price
1/8"全钨	3	
1/4"	3/4	
3/8"	4	
1/2"	4	
5/8"	4	
3/4"	4	
1"	6	
1 - 1/4"	8	
1 - 1/2"	8	
2"	8	

Chamfer		
outside diameter	Chamfer	Net Price
25径	3	
38径	4	
50径	4	
63径	6	
75径	8	
100径	8	

HAND TAPS

T901

ISO 529 Hand Taps with Straight Flute for Metric thread

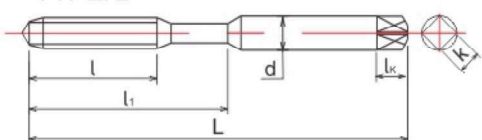


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminum alloys

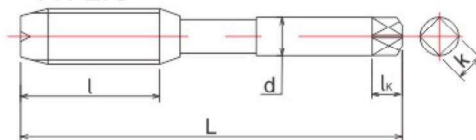
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



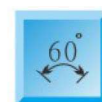
T901 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
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	
00350600	M3.5	0.60	50	13	20	3.55	2.80	5	2	3	
00400700	M4	0.70	53	13	21	4.00	3.15	6	2	3	
00450750	M4.5	0.75	53	13	21	4.50	3.55	6	2	3	
00500800	M5	0.80	58	16	25	5.00	4.00	6	2	3	
00601000	M6	1.00	66	19	30	6.30	5.00	8	2	3	
00701000	M7	1.00	66	19	30	7.10	5.60	7	3	4	
00801250	M8	1.25	72	22		8.00	6.30	8	3	4	
01001500	M10	1.50	80	24		10.0	8.00	9	3	4	
01101500	M11	1.50	85	25		8.00	6.30	9	3	4	
01201750	M12	1.75	89	29		9.00	7.10	10	3	4	
01402000	M14	2.00	95	30		11.2	9.00	12	3	4	
01602000	M16	2.00	102	32		12.5	10.0	13	3	4	
01802500	M18	2.50	112	37		14.0	11.2	14	3	4	
02002500	M20	2.50	112	37		14.0	11.2	14	3	4	
02202500	M22	2.50	118	38		16.0	12.5	16	3	4	
02403000	M24	3.00	130	45		18.0	14.0	18	3	4	
02703000	M27	3.00	135	45		20.0	16.0	20	3	4	
03003500	M30	3.50	138	48		20.0	16.0	20	3	4	
03303500	M33	3.50	151	51		22.4	18.0	22	3	4	
03604000	M36	4.00	162	57		25.0	20.0	24	3	4	
04204500	M42	4.50	170	60		28.0	22.4	26	3	6	
04504500	M45	4.50	187	67		31.5	25.0	28	3	6	
04805000	M48	5.00	187	67		31.5	25.0	28	3	6	

HAND TAPS

T902

ISO 529 Hand Taps with Straight Flute for Metric fine thread

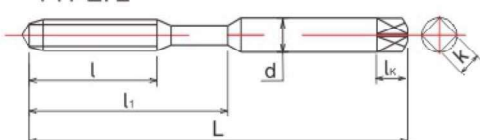


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

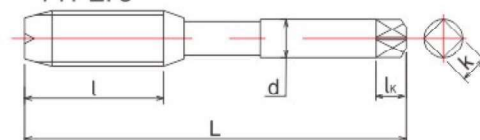
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T902 Taps Series

产品编号(code)	公制牙(MF)		Size							Unit:mm	Net Price
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	
00400500	M4	0.50	53	13	20	4.00	3.15	6	2	3	
00450500	M4.5	0.50	53	13	21	4.50	3.55	6	2	3	
00500500	M5	0.50	58	16	21	5.00	4.00	6	2	3	
00500750	M5	0.75	58	16	25	5.00	4.00	6	2	3	
00550500	M5.5	0.50	62	17	30	5.60	4.50	6	2	3	
00600750	M6	0.75	66	19	30	6.30	5.00	8	2	3	
00700750	M7	0.75	66	19		7.10	5.60	7	3	4	
00800750	M8	0.75	69	19		8.00	6.30	8	3	4	
00801000	M8	1.00	69	19		8.00	6.30	8	3	4	
00901000	M9	1.00	69	19		9.00	7.10	8	3	4	
01000750	M10	0.75	76	20		10.00	8.00	9	3	4	
01001000	M10	1.00	76	20		10.00	8.00	9	3	4	
01001250	M10	1.25	76	20		10.00	8.00	9	3	4	
01201000	M12	1.00	84	24		9.00	7.10	10	3	4	
01201250	M12	1.25	84	24		9.00	7.10	10	3	4	
01201500	M12	1.50	89	29		9.00	7.10	10	3	4	
01401000	M14	1.00	90	25		11.20	9.00	12	3	4	
01401250	M14	1.25	90	25		11.20	9.00	12	3	4	
01401500	M14	1.50	95	30		11.2	9.0	12	3	4	
01501000	M15	1.00	95	30		11.2	9.0	12	3	4	
01501500	M15	1.50	95	30		11.2	9.0	12	3	4	
01601000	M16	1.00	95	25		12.5	10.0	13	3	4	
01601500	M16	1.50	102	32		12.5	10.0	13	3	4	

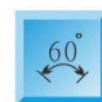
T902 Taps Series

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

HAND TAPS

T903

ISO 529 Hand Taps with Straight Flute for UNC thread

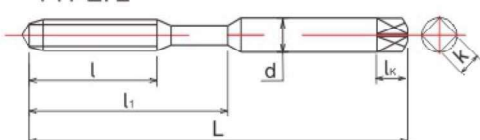


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

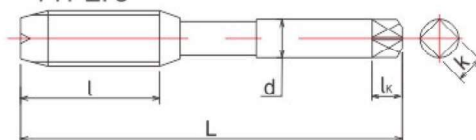
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T903 Taps Series

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

HAND TAPS

T904

ISO 529 Hand Taps with Straight Flute for UNF Thread

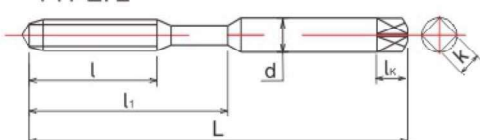


for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

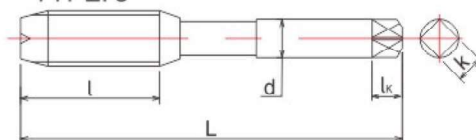
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T904 Taps Series

产品编号(code)	美制牙 (UNF)	Size								Unit:mm	Net Price
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	
00005440	No.5-44	3.175	48	11		3.15	2.50	5	2	3	
00006400	No.6-40	3.505	50	13		3.55	2.80	5	2	3	
00008360	No.8-36	4.166	53	13		4.50	3.55	6	2	3	
00010320	No.10-32	4.826	58	16		5.00	4.00	7	2	3	
00012280	No.12-28	5.486	62	17		5.60	4.50	7	2	3	
00104280	1/4-28	6.350	66	19		6.30	5.00	8	3	3	
00516240	5/16-24	7.938	69	19		8.00	6.30	9	3	4	
00308240	3/8-24	9.525	76	20		10.00	8.00	11	3	4	
00716200	7/16-20	11.112	82	22		8.00	6.30	9	3	4	
00102200	1/2-20	12.700	84	24		9.00	7.10	10	3	4	
00916180	9/16-18	14.288	90	25		11.20	9.00	12	3	4	
00508180	5/8-18	15.875	95	25		12.50	10.0	13	3	4	
00304160	3/4-16	19.050	104	29		14.00	11.2	14	3	4	
00708140	7/8-14	22.225	113	33		16.00	12.5	16	3	4	
10000120	1-12	25.400	120	35		18.00	14.0	18	3	4	
10108120	1 1/8-12	28.575	127	37		20.00	16.0	20	3	4	
10104120	1 1/4-12	31.750	137	37		22.40	18.0	22	3	4	
10308120	1 3/8-12	34.925	144	39		25.00	20.0	24	3	4	
10102120	1 1/2-12	38.100	149	39		28.00	22.4	26	3	6	

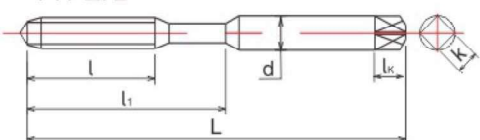


for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

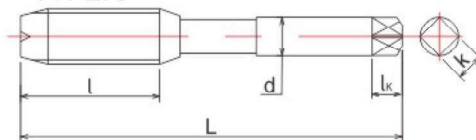
for cutting through hole / blind hole



TYPE: 2



TYPE: 3

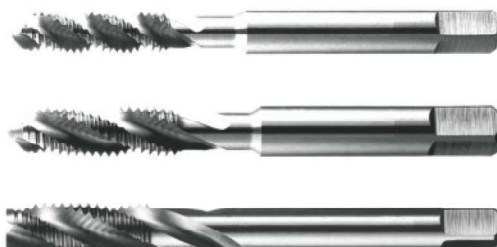


T905 Taps Series

产品编号(code)	英制牙 (BSW)		Size							Unit:mm	Net Price
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	
00532320	5/32W32	3.969	53	13		4.00	3.15	7	2	3	
00316240	3/16W24	4.762	58	16		5.00	4.00	7	2	3	
00732280	7/32W28	5.556	62	17		5.60	4.50	7	2	3	
00104200	1/4W20	6.350	66	19		6.30	5.00	8	3	3	
00516180	5/16W18	7.938	72	22		8.00	6.30	9	3	4	
00308160	3/8W16	9.525	80	24		10.0	8.00	11	3	4	
00716140	7/16W14	11.112	85	25		8.00	6.30	9	3	4	
00102120	1/2W12	12.700	89	29		9.00	7.10	10	3	4	
00916120	9/16W12	14.288	95	30		11.2	9.00	12	3	4	
00508110	5/8W11	15.875	102	32		12.5	10.0	13	3	4	
00304100	3/4W10	19.050	112	37		14.0	11.2	14	3	4	
00708090	7/8W9	22.225	118	38		16.0	12.5	16	3	4	
10000080	1W8	25.400	130	45		18.0	14.0	18	3	4	
10108070	1 1/8W7	28.575	138	48		20.0	16.0	20	3	4	
10104070	1 1/4W7	31.750	151	51		22.4	18.0	22	3	4	
10308060	1 3/8W6	34.925	162	57		25.0	20.0	24	3	4	
10102060	1 1/2W6	38.100	170	60		28.0	22.4	26	3	6	
10508050	1 5/8W8	41.275	170	60		28.0	22.4	26	3	4	
10304050	1 3/4W5	44.450	187	67		31.5	25.0	28	3	6	
20000045	2W4 1/2	50.800	200	70		35.5	28.0	31	3	6	

SPIRAL FLUTED TAPS

ISO 529 Taps with spiral Flutes for Metric thread

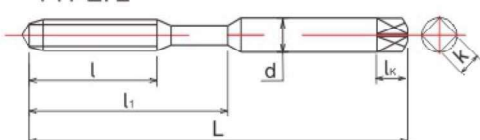


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

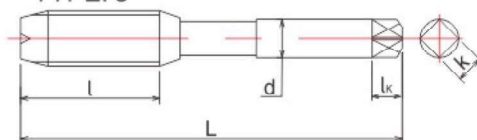
for cutting through hole / blind hole



TYPE: 2



TYPE: 3

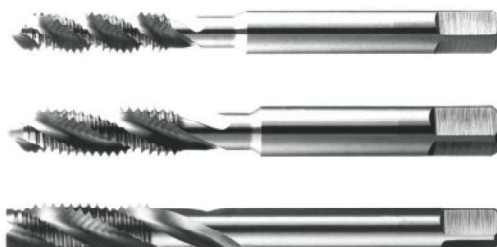
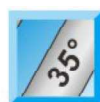


T1001 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
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	
00350600	M3.5	0.60	50	13	20	3.55	2.80	5	2	3	
00400700	M4	0.70	53	13	21	4.00	3.15	6	2	3	
00450750	M4.5	0.75	53	13	21	4.50	3.55	6	2	3	
00500800	M5	0.80	58	16	25	5.00	4.00	6	2	3	
00601000	M6	1.00	66	19	30	6.30	5.00	8	2	3	
00701000	M7	1.00	66	19	30	7.10	5.60	7	3	3	
00801250	M8	1.25	72	22		8.00	6.30	8	3	3	
00901250	M9	1.25	72	22		9.00	7.10	8	3	3	
01001500	M10	1.50	80	24		10.0	8.00	9	3	3	
01101500	M11	1.50	85	25		8.00	6.30	9	3	3	
01201750	M12	1.75	89	29		9.00	7.10	10	3	3	
01402000	M14	2.00	95	30		11.2	9.00	12	3	3	
01602000	M16	2.00	102	32		12.5	10.0	13	3	3	
01802500	M18	2.50	112	37		14.0	11.2	14	3	3	
02002500	M20	2.50	112	37		14.0	11.2	14	3	3	
02202500	M22	2.50	118	38		16.0	12.5	16	3	3	
02403000	M24	3.00	130	45		18.0	14.0	18	3	4	
02703000	M27	3.00	135	45		20.0	16.0	20	3	4	
03003500	M30	3.50	138	48		20.0	16.0	20	3	4	
03303500	M33	3.50	151	51		22.4	18.0	22	3	4	
03604000	M36	4.00	162	57		25.0	20.0	24	3	4	

SPIRAL FLUTED TAPS

ISO 529 Taps with Spiral Flutes for Metric fine thread

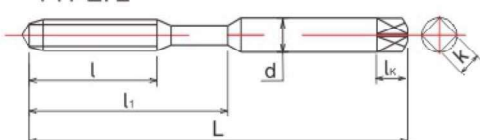


● for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

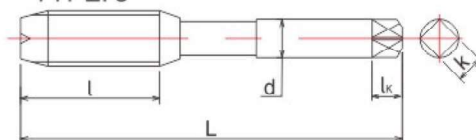
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T1002 Taps Series

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

T1002 Taps Series

产品编号(code)	公制牙 (MF)		Size							Unit:mm	Net Price
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	
01601000	M16	1.00	95	25		12.5	10.0	13	3	3	
01601500	M16	1.50	102	32		12.5	10.0	13	3	3	
01701500	M17	1.50	102	32		12.5	10.0	13	3	3	
01801000	M18	1.00	104	29		14.0	11.2	14	3	3	
01801250	M18	1.25	104	29		14.0	11.2	14	3	3	
01801500	M18	1.50	104	29		14.0	11.2	14	3	3	
01802000	M18	2.00	112	37		14.0	11.2	14	3	3	
02001000	M20	1.00	104	29		14.0	11.2	14	3	3	
02001500	M20	1.50	104	29		14.0	11.2	14	3	3	
02002000	M20	2.00	112	37		14.0	11.2	14	3	3	
02201000	M22	1.00	113	33		16.0	12.5	16	3	3	
02201500	M22	1.50	113	33		16.0	12.5	16	3	3	
02202000	M22	2.00	118	38		16.0	12.5	16	3	3	
02401000	M24	1.00	120	35		18.0	14.0	18	3	4	
02401500	M24	1.50	120	35		18.0	14.0	18	3	4	
02402000	M24	2.00	120	35		18.0	14.0	18	3	4	
02501000	M25	1.00	120	35		18.0	14.0	18	3	4	
02501500	M25	1.50	120	35		18.0	14.0	18	3	4	
02502000	M25	2.00	120	35		18.0	14.0	18	3	4	
02701500	M27	1.50	127	37		20.0	16.0	20	3	4	
02702000	M27	2.00	127	37		20.0	16.0	20	3	4	
02801500	M28	1.50	127	37		20.0	16.0	20	3	4	
02802000	M28	2.00	127	37		20.0	16.0	20	3	4	
03001000	M30	1.00	127	37		20.0	16.0	20	3	4	
03001500	M30	1.50	127	37		20.0	16.0	20	3	4	
03002000	M30	2.00	127	37		20.0	16.0	20	3	4	
03003000	M30	3.00	138	48		20.0	16.0	20	3	4	
03201500	M32	1.50	137	37		22.4	18.0	22	3	4	
03202000	M32	2.00	137	37		22.4	18.0	22	3	4	
03301500	M33	1.50	137	37		22.4	18.0	22	3	4	
03302000	M33	2.00	137	37		22.4	18.0	22	3	4	
03303000	M33	3.00	151	51		22.4	18.0	22	3	4	
03501500	M35	1.50	144	39		25.0	20.0	24	3	4	
03601500	M36	1.50	144	39		25.0	20.0	24	3	4	
03602000	M36	2.00	144	39		25.0	20.0	24	3	4	
03603000	M36	3.00	162	57		25.0	20.0	24	3	4	

SPIRAL FLUTED TAPS

ISO 529 Taps with Spiral Flutes for UNC thread

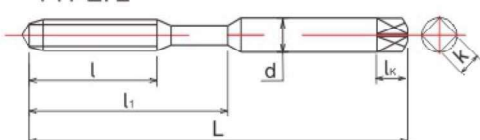


for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

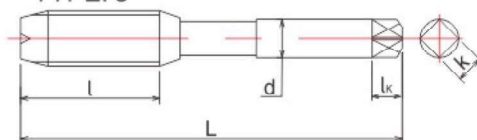
for cutting through hole / blind hole



TYPE: 2

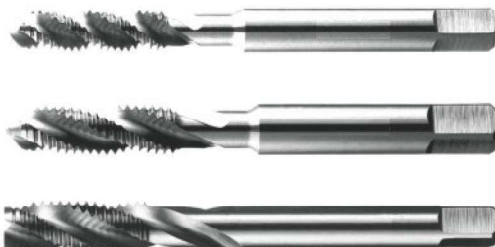


TYPE: 3



T1003 Taps Series

产品编号(code)	美制牙 (UNC)		Size							Unit:mm	Net Price
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	
00005400	No.5-40	3.175	48	11		3.15	2.50	5	2	3	
00006320	No.6-32	3.505	50	13		3.55	2.80	5	2	3	
00008320	No.8-32	4.166	53	13		4.50	3.55	6	2	3	
00010240	No.10-24	4.826	58	16		5.00	4.00	7	2	3	
00012240	No.12-24	5.486	62	17		5.60	4.50	7	2	3	
00104200	1/4-20	6.350	66	19		6.30	5.00	8	3	3	
00516180	5/16-18	7.938	72	22		8.00	6.30	9	3	3	
00308160	3/8-16	9.525	80	24		10.00	8.00	11	3	3	
00716140	7/16-14	11.112	85	25		8.00	6.30	9	3	3	
00102130	1/2-13	12.700	89	29		9.00	7.10	10	3	3	
00916120	9/16-12	14.288	95	32		11.2	9.00	12	3	3	
00508110	5/8-11	15.875	102	37		12.5	10.0	13	3	3	
00304100	3/4-10	19.050	112	38		14.0	11.2	14	3	3	
00708090	7/8-9	22.225	118	45		16.0	12.5	16	3	3	
10000080	1-8	25.400	130	48		18.0	14.0	18	3	3	
10108070	1 1/8-7	28.575	138	48		20.0	16.0	20	3	4	
10104070	1 1/4-7	31.750	151	51		22.4	18.0	22	3	4	
10308060	1 3/8-6	34.925	162	57		25.0	20.0	24	3	4	
10102060	1 1/2-6	38.100	170	60		28.0	22.4	26	3	4	

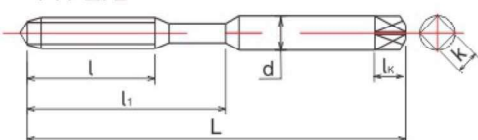


for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

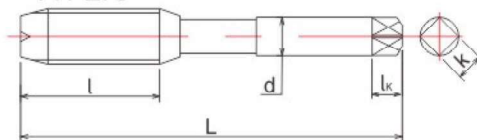
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T1004 Taps Series

产品编号(code)	美制牙 (UNC)	Size	Unit:mm	Net Price
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	
00005440	No.5-44	3.175	48 11 3.15 2.50 5 2 3	
00006400	No.6-40	3.505	50 13 3.55 2.80 5 2 3	
00008360	No.8-36	4.166	53 13 4.50 3.55 6 2 3	
00010320	No.10-32	4.826	58 16 5.00 4.00 7 2 3	
00012280	No.12-28	5.486	62 17 5.60 4.50 7 2 3	
00104280	1/4-28	6.350	66 19 6.30 5.00 8 3 3	
00516240	5/16-24	7.938	69 19 8.00 6.30 9 3 3	
00308240	3/8-24	9.525	76 20 10.0 8.00 11 3 3	
00716200	7/16-20	11.112	82 22 8.00 6.30 9 3 3	
00102200	1/2-20	12.700	84 24 9.00 7.10 10 3 3	
00916180	9/16-18	14.288	90 25 11.2 9.00 12 3 3	
00508180	5/8-18	15.875	95 25 12.5 10.0 13 3 3	
00304160	3/4-16	19.050	104 29 14.0 11.2 14 3 3	
00708140	7/8-14	22.225	113 33 16.0 12.5 16 3 3	
10000120	1-12	25.400	120 35 18.0 14.0 18 3 3	
10108120	1 1/8-12	28.575	127 37 20.0 16.0 20 3 4	
10104120	1 1/4-12	31.750	137 37 22.4 18.0 22 3 4	
10308120	1 3/8-12	34.925	144 39 25.0 20.0 24 3 4	
10102120	1 1/2-12	38.100	149 39 28.0 22.4 26 3 4	

SPIRAL FLUTED TAPS

ISO 529 Taps with Spiral Flutes for BSW Thread

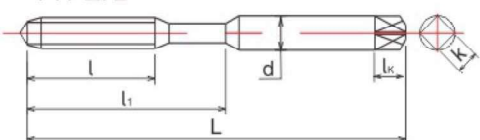


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

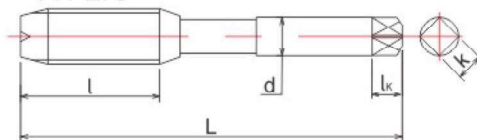
for cutting through hole / blind hole



TYPE: 2

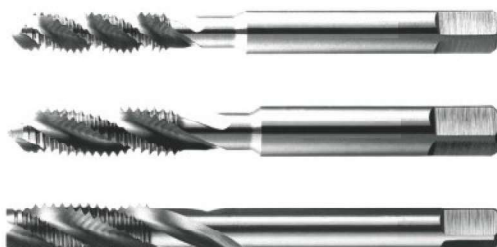


TYPE: 3



T1005 Taps Series

产品编号(code)	英制牙 (BSW)		Size							Unit:mm	Net Price
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	
00532320	5/32w32	3.969	53	13		4.00	3.15	7	2	3	
00316240	3/16w24	4.762	58	16		5.00	4.00	7	2	3	
00104200	1/4w20	6.350	66	19		6.30	5.00	8	3	3	
00516180	5/16w18	7.938	72	22		8.00	6.30	9	3	3	
00308160	3/8w16	9.525	80	24		10.00	8.00	11	3	3	
00716140	7/16w14	11.112	85	25		8.00	6.30	9	3	3	
00102120	1/2w12	12.700	89	29		9.00	7.10	10	3	3	
00916120	9/16w12	14.288	95	30		11.20	9.00	12	3	3	
00508110	5/8w11	15.875	102	32		12.50	10.0	13	3	3	
00304100	3/4w10	19.050	112	37		14.00	11.2	14	3	3	
00708090	7/8w9	22.225	118	38		16.00	12.5	16	3	3	
10000080	1w8	25.400	130	45		18.00	14.0	18	3	3	
10108070	1 1/8w7	28.575	138	48		20.00	16.0	20	3	4	
10104070	1 1/4w7	31.750	151	51		22.40	18.0	22	3	4	
10308060	1 3/8w6	34.925	162	57		25.00	20.0	24	3	4	
10102050	1 1/2w5	38.100	170	60		28.00	22.4	26	3	4	
10304050	1 3/4w5	44.450	187	67		31.50	25.0	28	3	4	
20000045	2w4 1/2	50.800	200	70		35.50	28.0	31	3	4	

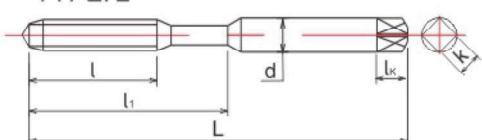


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

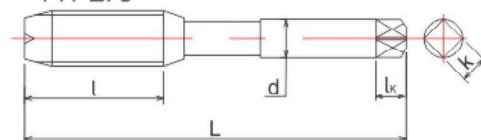
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T1006 Taps Series

产品编号(code)	英制牙 (BSF)		Size							Unit:mm	Net Price
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	
00732280	7/32-28	5.556	62	17		5.6	4.5	7	2	3	
00104260	1/4-26	6.350	66	19		6.3	5.0	8	3	3	
00932260	9/32-26	7.144	66	19		7.1	5.6	8	3	3	
00516220	5/16-22	7.938	72	22		8.0	6.3	9	3	3	
00308200	3/8-20	9.525	80	24		10.0	8.0	11	3	3	
00716180	7/16-18	11.112	85	25		8.0	6.3	9	3	3	
00102160	1/2-16	12.700	89	29		9.0	7.1	10	3	3	
00916160	9/16-16	14.288	95	30		11.2	9.0	12	3	3	
00508140	5/8-14	15.875	102	32		12.5	10.0	13	3	3	
01116140	1 1/16-14	17.462	112	37		14.0	11.2	14	3	3	
00304120	3/4-12	19.050	112	37		14.0	11.2	14	3	3	
00708110	7/8-11	22.225	118	38		16.0	12.5	16	3	3	
10000100	1-10	25.400	130	45		18.0	14.0	18	3	3	
10108090	1 1/8-9	28.575	138	48		20.0	16.0	20	3	4	
10104090	1 1/4-9	31.750	151	51		22.4	18.0	22	3	4	
10308080	1 3/8-8	34.925	162	57		25.0	20.0	24	3	4	
10102080	1 1/2-8	38.100	170	60		28.0	22.4	26	3	4	
10508080	1 5/8-8	41.275	170	60		28.0	22.4	26	3	4	
10304070	1 3/4-7	44.450	187	67		31.5	25.0	28	3	4	
20000070	2-7	50.800	200	70		35.5	28.0	31	3	4	

GUN-NOSE TAPS

ISO 529 Taps with Spiral point rake angle for Metric Thread

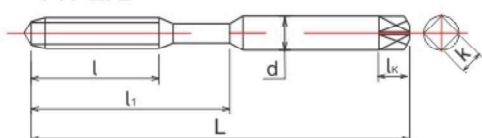


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

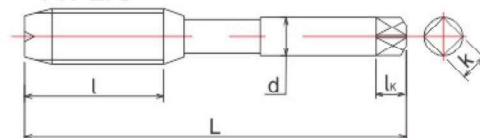
for cutting through hole



TYPE: 2



TYPE: 3



T1101 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
T1101	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T1101
00300500	M3	0.50	48	11		3.15	2.50	5	2	3	
00350600	M3.5	0.60	50	13		3.55	2.80	5	2	3	
00400700	M4	0.70	53	13		4.00	3.15	6	2	3	
00450750	M4.5	0.75	53	13		4.50	3.55	6	2	3	
00500800	M5	0.80	58	16		5.00	4.00	6	2	3	
00601000	M6	1.00	66	19		6.30	5.00	8	2	3	
00701000	M7	1.00	66	19		7.10	5.60	7	3	3	
00801250	M8	1.25	72	22		8.00	6.30	8	3	3	
00901250	M9	1.25	72	22		9.00	7.10	8	3	3	
01001500	M10	1.50	80	24		10.0	8.00	9	3	3	
01101500	M11	1.50	85	25		8.00	6.30	9	3	3	
01201750	M12	1.75	89	29		9.00	7.10	10	3	3	
01402000	M14	2.00	95	30		11.2	9.00	12	3	3	
01602000	M16	2.00	102	32		12.5	10.0	13	3	3	
01802500	M18	2.50	112	37		14.0	11.2	14	3	3	
02002500	M20	2.50	112	37		14.0	11.2	14	3	3	
02202500	M22	2.50	118	38		16.0	12.5	16	3	3	
02403000	M24	3.00	130	45		18.0	14.0	18	3	3	
02703000	M27	3.00	135	45		20.0	16.0	20	3	4	
03003500	M30	3.50	138	48		20.0	16.0	20	3	4	
03303500	M33	3.50	151	51		22.4	18.0	22	3	4	
03604000	M36	4.00	162	57		25.0	20.0	24	3	4	

GUN-NOSE TAPS

ISO 529 Taps with Spiral point rake angle for Metric fine Thread

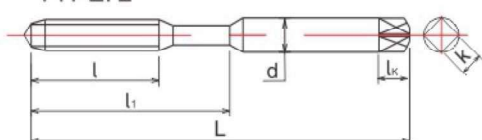


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

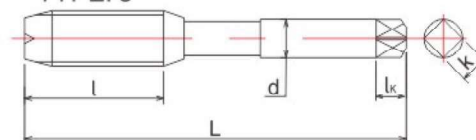
for cutting through hole



TYPE: 2



TYPE: 3



T1102 Taps Series

产品编号(code)	公制牙 (MF)		Size							Unit:mm	Net Price
T1102	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T1102
00300350	M3	0.35	48	11		3.15	2.5	5	2	3	
00400500	M4	0.50	53	13		4.00	3.15	6	2	3	
00450500	M4.5	0.50	53	13		4.50	3.55	6	2	3	
00500500	M5	0.50	58	16		5.00	4.00	6	2	3	
00500750	M5	0.75	58	16		5.00	4.00	6	2	3	
00550500	M5.5	0.50	62	17		5.60	4.50	6	2	3	
00600750	M6	0.75	66	19		6.30	5.00	8	2	3	
00700750	M7	0.75	66	19		7.10	5.60	7	3	3	
00800750	M8	0.75	69	19		8.00	6.30	8	3	3	
00801000	M8	1.00	69	19		8.00	6.30	8	3	3	
00900750	M9	0.75	69	19		9.00	7.10	8	3	3	
00901000	M9	1.00	69	19		9.00	7.10	8	3	3	
01000750	M10	0.75	76	20		10.0	8.00	9	3	3	
01001000	M10	1.00	76	20		10.0	8.00	9	3	3	
01001250	M10	1.25	76	20		10.0	8.00	9	3	3	
01101000	M11	1.00	82	22		8.00	6.30	9	3	3	
01101250	M11	1.25	82	22		8.00	6.30	9	3	3	
01201000	M12	1.00	84	24		9.00	7.10	10	3	3	
01201250	M12	1.25	84	24		9.00	7.10	10	3	3	
01201500	M12	1.50	89	29		9.00	7.10	10	3	3	
01401000	M14	1.00	90	25		11.2	9.00	12	3	3	
01401250	M14	1.25	90	25		11.2	9.00	12	3	3	

GUN-NOSE TAPS

T1102

ISO 529 Taps with Spiral point rake angle for Metric fine thread

T1102 Taps Series

产品编号(code)	公制牙 (MF)		Size							Unit:mm	Net Price
T1102	Size	Pitch	L	l	l _i	d	k	l _k	Type	Flutes	T1102
01401500	M14	1.50	95	30		11.20	9.0	12	3	3	
01601000	M16	1.00	95	25		12.5	10.0	13	3	3	
01601500	M16	1.50	102	32		12.5	10.0	13	3	3	
01801000	M18	1.00	104	29		14.0	11.2	14	3	3	
01801250	M18	1.25	104	29		14.0	11.2	14	3	3	
01801500	M18	1.50	104	29		14.0	11.2	14	3	3	
01802000	M18	2.00	112	37		14.0	11.2	14	3	3	
02001000	M20	1.00	104	29		14.0	11.2	14	3	3	
02001500	M20	1.50	104	29		14.0	11.2	14	3	3	
02002000	M20	2.00	112	37		14.0	11.2	14	3	3	
02201000	M22	1.00	113	33		16.0	12.5	16	3	3	
02201500	M22	1.50	113	33		16.0	12.5	16	3	3	
02202000	M22	2.00	118	38		16.0	12.5	16	3	3	
02401000	M24	1.00	120	35		18.0	14.0	18	3	3	
02401500	M24	1.50	120	35		18.0	14.0	18	3	3	
02402000	M24	2.00	120	35		18.0	14.0	18	3	3	
02501000	M25	1.00	120	35		18.0	14.0	18	3	4	
02501500	M25	1.50	120	35		18.0	14.0	18	3	4	
02502000	M25	2.00	120	35		18.0	14.0	18	3	4	
02701500	M27	1.50	127	37		20.0	16.0	20	3	4	
02702000	M27	2.00	127	37		20.0	16.0	20	3	4	
02801500	M28	1.50	127	37		20.0	16.0	20	3	4	
02802000	M28	2.00	127	37		20.0	16.0	20	3	4	
03001000	M30	1.00	127	37		20.0	16.0	20	3	4	
03001500	M30	1.50	127	37		20.0	16.0	20	3	4	
03002000	M30	2.00	127	37		20.0	16.0	20	3	4	
03003000	M30	3.00	138	48		20.0	16.0	20	3	4	
03201500	M32	1.50	137	37		22.4	18.0	22	3	4	
03202000	M32	2.00	137	37		22.4	18.0	22	3	4	
03301500	M33	1.50	137	37		22.4	18.0	22	3	4	
03302000	M33	2.00	137	37		22.4	18.0	22	3	4	
03303000	M33	3.00	151	51		22.4	18.0	22	3	4	
03501500	M35	1.50	144	39		25.0	20.0	24	3	4	
03601500	M36	1.50	144	39		25.0	20.0	24	3	4	
03602000	M36	2.00	144	39		25.0	20.0	24	3	4	
03603000	M36	3.00	162	57		25.0	20.0	24	3	4	

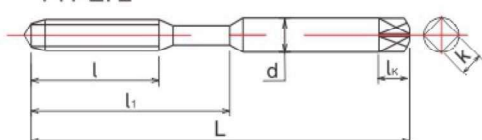


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

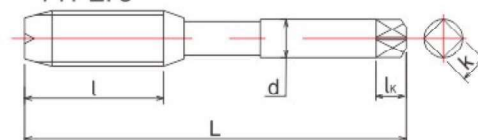
for cutting through hole



TYPE: 2



TYPE: 3



T1103 Taps Series

产品编号(code)	美制牙 (UNC)	Size	Unit:mm	Net Price
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	
00005400	No.5-40	3.175	48 11 3.15 2.50 5 2 3	
00006320	No.6-32	3.505	50 13 3.55 2.80 5 2 3	
00008320	No.8-32	4.166	53 13 4.50 3.55 6 2 3	
00010240	No.10-24	4.826	58 16 5.00 4.00 7 2 3	
00012240	No.12-24	5.486	62 17 5.60 4.50 7 2 3	
00104200	1/4-20	6.350	66 19 6.30 5.00 8 3 3	
00516180	5/16-18	7.938	69 19 8.00 6.30 9 3 3	
00308160	3/8-16	9.525	76 20 10.0 8.00 11 3 3	
00716140	7/16-14	11.112	82 22 8.00 6.30 9 3 3	
00102130	1/2-13	12.700	84 24 9.00 7.10 10 3 3	
00916120	9/16-12	14.288	90 25 11.2 9.00 12 3 3	
00508110	5/8-11	15.875	95 25 12.5 10.0 13 3 3	
00304100	3/4-10	19.050	104 29 14.0 11.2 14 3 3	
00708090	7/8-9	22.225	113 33 16.0 12.5 16 3 3	
10000080	1-8	25.400	120 35 18.0 14.0 18 3 4	
10108070	1 1/8-7	28.575	127 37 20.0 16.0 20 3 4	
10104070	1 1/4-7	31.750	137 37 22.4 18.0 22 3 4	
10308060	1 3/8-6	34.925	144 39 25.0 20.0 24 3 4	
10102060	1 1/2-6	38.100	149 39 28.0 22.4 26 3 4	

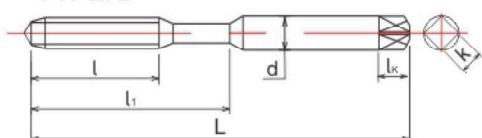


for the cutting of materials: Cast Iron, Bronze, medium and low carbon steels, die Steel, tools Steel, bronze and aluminium alloys

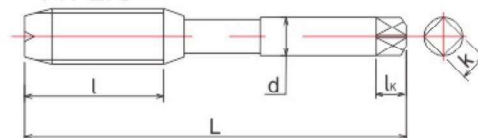
for cutting through hole



TYPE: 2



TYPE: 3



T1104 Taps Series

产品编号(code)	美制牙 (UNF)	Size	Unit:mm	Net Price
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	
00005440	No.5-44	3.175	48 11 3.15 2.50 5 2 3	
00006400	No.6-40	3.505	50 13 3.55 2.80 5 2 3	
00008360	No.8-36	4.166	53 13 4.50 3.55 6 2 3	
00010320	No.10-32	4.826	58 16 5.00 4.00 7 2 3	
00012280	No.12-28	5.486	62 17 5.60 4.50 7 2 3	
00104280	1/4-28	6.350	66 19 6.30 5.00 8 3 3	
00516240	5/16-24	7.938	69 19 8.00 6.30 9 3 3	
00308240	3/8-24	9.525	76 20 10.0 8.00 11 3 3	
00716200	7/16-20	11.112	82 22 8.00 6.30 9 3 3	
00102200	1/2-20	12.700	84 24 9.00 7.10 10 3 3	
00916180	9/16-18	14.288	90 25 11.2 9.00 12 3 3	
00508180	5/8-18	15.875	95 25 12.5 10.0 13 3 3	
00304160	3/4-16	19.050	104 29 14.0 11.2 14 3 3	
00708140	7/8-14	22.225	113 33 16.0 12.5 16 3 3	
10000120	1-12	25.400	120 35 18.0 14.0 18 3 4	
10108120	1 1/8-12	28.575	127 37 20.0 16.0 20 3 4	
10104120	1 1/4-12	31.750	137 37 22.4 18.0 22 3 4	
10308120	1 3/8-12	34.925	144 39 25.0 20.0 24 3 4	
10102120	1 1/2-12	38.100	149 39 28.0 22.4 26 3 4	

GUN-NOSE TAPS

T1105

ISO 529 Taps with Spiral point rake angle for BSW Thread

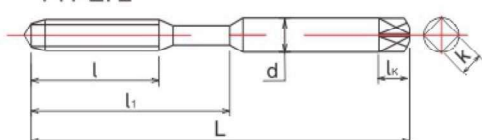


for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

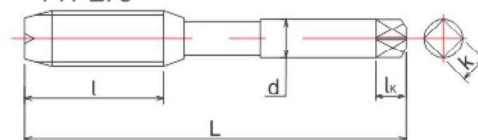
for cutting through hole



TYPE: 2



TYPE: 3



T1105 Taps Series

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

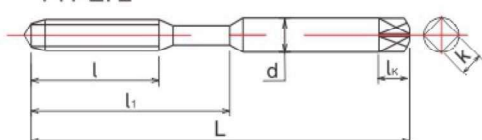


● for the cutting of materials: Cast Iron, Bonze, medium and low carbon steels, die Steel, tools Steel, bonze and aluminium alloys

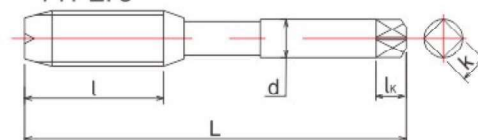
for cutting through hole



TYPE: 2



TYPE: 3



T1106 Taps Series

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

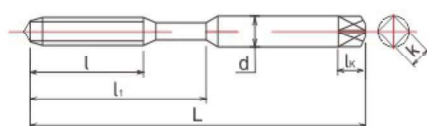


● suitable for the cutting of deep hole thread

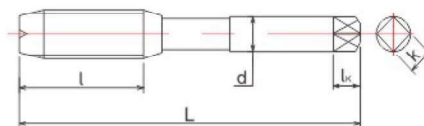
for cutting through hole

for cutting blind hole

TYPE: 2



TYPE: 3



● T310&T410 (L=100mm)

Unit : mm

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

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

● T315&T415 (L=150mm)

Unit : mm

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

产品编号 Code	公制牙 (M)	l	d	K	lk	Flutes	Net Price
01401500	M14×1.5	30	10.5	8.0	11	3	
01602000	M16×2	32	12.5	10	13	3	
01601500	M16×1.5	32	12.5	10	13	3	
01802500	M18×2.5	37	14.0	11	14	4	
01801500	M18×1.5	37	14.0	11	14	4	
02002500	M20×2.5	37	15.0	12	15	4	
02001500	M20×1.5	37	15.0	12	15	4	
02202500	M22×2.5	38	17.0	13	16	4	
02201500	M22×1.5	38	17.0	13	16	4	
02403000	M24×3	45	19.0	15	18	4	
02401500	M24×1.5	45	19.0	15	18	4	

● T320&T420 (L=200mm)

Unit : mm

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

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

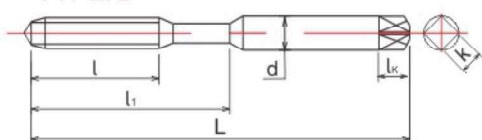


- high carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- Medium and low carbon steels, bonze and aluminium alloys with a tensile strength below 750N/mm²

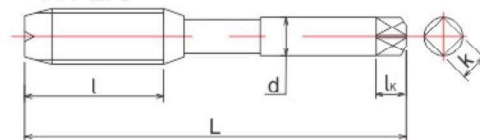
for cutting through hole / blind hole



TYPE: 2



TYPE: 3



T101 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
T101	Size	Pitch	L	l	l ₁	d	k	l _k	Type	Flutes	T101
00300500	M3	0.50	56	11	18	3.5	2.7	6.0	2	3	
00350600	M3.5	0.60	56	13	20	4.0	3.0	6.0	2	3	
00400700	M4	0.70	63	13	21	4.5	3.4	6.0	2	3	
00500800	M5	0.80	70	16	25	6.0	4.9	8.0	2	3	
00601000	M6	1.00	80	19	30	6.0	4.9	8.0	2	3	
00801250	M8	1.25	90	22	35	8.0	6.2	9.0	3	3	
01001500	M10	1.50	100	24	39	10	8.0	11.0	3	3	
01201750	M12	1.75	110	29		9.0	7.0	10.0	3	3	
01402000	M14	2.00	110	30		11	9.0	12.0	3	4	
01602000	M16	2.00	110	32		12	9.0	12.0	3	4	
01802500	M18	2.50	125	34		14	11.0	14.0	3	4	
02002500	M20	2.50	140	34		16	12.0	15.0	3	4	
02202500	M22	2.50	140	34		18	14.5	17.0	3	4	
02403000	M24	3.00	160	38		18	14.5	17.0	3	4	

DIN371/376 GUN-NOSE MACHINE TAPS

DIN 371/376 Taps with spiral point rake angle for Metric Thread

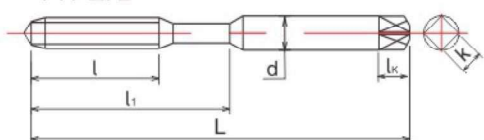


- high carbon steel, Chron-Ni alloys, tool steel alloys, cast iron and bronze with a tensile strength of 600-900N/mm²
- Medium and low carbon steels, bronze and aluminium alloys with a tensile strength below 750N/mm²

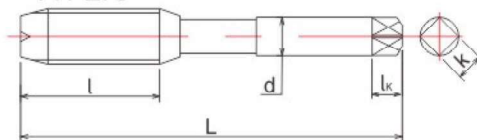
for cutting through hole



TYPE: 2



TYPE: 3



T102 Taps Series

产品编号(code)	公制牙 (M)		Size							Unit:mm	Net Price
T102	Size	Pitch	L	l	l ₁	d	k	lk	Type	Flutes	T102
00300500	M3	0.50	56	11	18	3.5	2.7	6.0	2	3	
00350600	M3.5	0.60	56	13	20	4.0	3.0	6.0	2	3	
00400700	M4	0.70	63	13	21	4.5	3.4	6.0	2	3	
00500800	M5	0.80	70	16	25	6.0	4.9	8.0	2	3	
00601000	M6	1.00	80	19	30	6.0	4.9	8.0	2	3	
00801250	M8	1.25	90	22	35	8.0	6.2	9.0	3	3	
01001500	M10	1.50	100	24	39	10	8.0	11.0	3	3	
01201750	M12	1.75	110	29		9.0	7.0	10.0	3	3	
01402000	M14	2.00	110	30		11	9.0	12.0	3	4	
01602000	M16	2.00	110	32		12	9.0	12.0	3	4	
01802500	M18	2.50	125	34		14	11.0	14.0	3	4	
02002500	M20	2.50	140	34		16	12.0	15.0	3	4	
02202500	M22	2.50	140	34		18	14.5	17.0	3	4	
02403000	M24	3.00	160	38		18	14.5	17.0	3	4	

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 × 3.5	29.50	29.771	29.211	M42 × 4	38.00	38.270	37.670
M33 × 3	30.00	30.252	29.752	M42 × 3	39.00	39.252	38.752
M33 × 2	31.00	31.210	30.835	M42 × 2	40.00	40.210	39.835
M33 × 1.5	31.50	31.676	31.376	M42 × 1.5	40.50	40.676	40.376
M35 × 1.5	33.50	33.676	33.376	M45 × 4.5	40.50	40.799	40.129
M36 × 4	32.00	32.270	31.670	M45 × 4	41.00	41.270	40.670
M36 × 3	33.00	33.252	32.752	M45 × 3	42.00	42.252	41.752
M36 × 2	34.00	34.210	33.835	M45 × 2	43.00	43.210	42.835
M36 × 1.5	34.50	34.676	34.376	M45 × 1.5	43.50	43.676	43.376
M38 × 1.5	36.50	36.676	36.376	M48 × 5	43.00	43.297	42.587
M39 × 4	35.00	35.270	34.670	M48 × 4	44.00	44.270	43.670
M39 × 3	36.00	36.252	35.752	M48 × 3	45.00	45.252	44.752
M39 × 2	37.00	37.210	36.835	M39 × 2	46.00	46.210	45.835
M39 × 1.5	37.50	37.676	37.376	M48 × 1.5	46.50	46.676	46.376
M40 × 3	37.00	37.252	36.752	M50 × 3	47.00	47.252	46.752
M40 × 2	38.00	38.210	37.835	M50 × 2	48.00	48.210	47.835
M40 × 1.5	38.50	38.676	38.376	M50 × 1.5	48.50	48.676	48.376
M42 × 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*1/2UNC	45.20	45.593	44.679
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

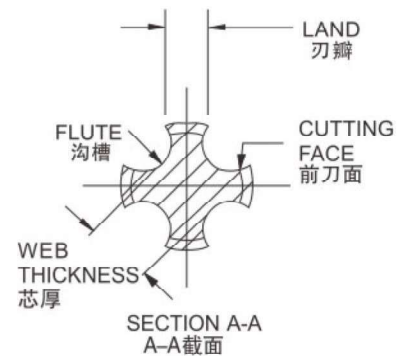
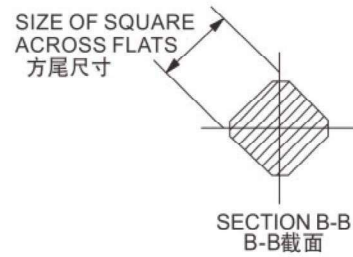
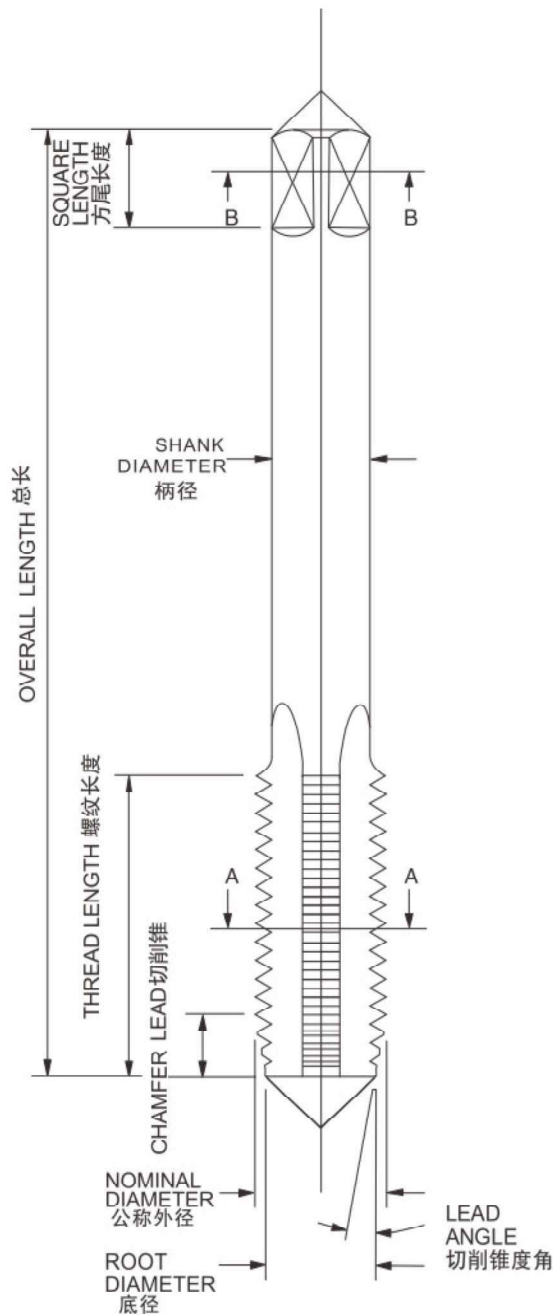
Thread Size			Drill Size (mm)			
			With Reaming Before Tapping		Without Reaming Before Tapping	
			mm	inch	mm	inch
NPT 1/16	-	27	5.94	0.234	6.15	0.242
NPT 1/8	-	27	8.33	0.328	8.43	0.332
NPT 1/4	-	18	10.72	0.422	11.13	0.438
NPT 3/8	-	18	14.27	0.562	14.27	0.562
NPT 1/2	-	14	17.48	0.688	17.86	0.703
NPT 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

丝攻术语

TAP TERMINOLOGY



常用标准

GENERAL SPECIFICATIONS

THREAD 螺纹

METRIC 公制
METRIC LONG SERIES 公制加长型
UNC, UNF 统一螺纹
BSW, BSF, BA, BSB 惠氏螺纹
BSP, BSPT
NPS, NPT 管螺纹

GENERAL SPECIFICATIONS 常用标准

ISO 529
ISO 2283
DIN 371 / DIN 374 / DIN 376
ISO 529
ISO 529
ISO 2284
ANSI 94.9 1979

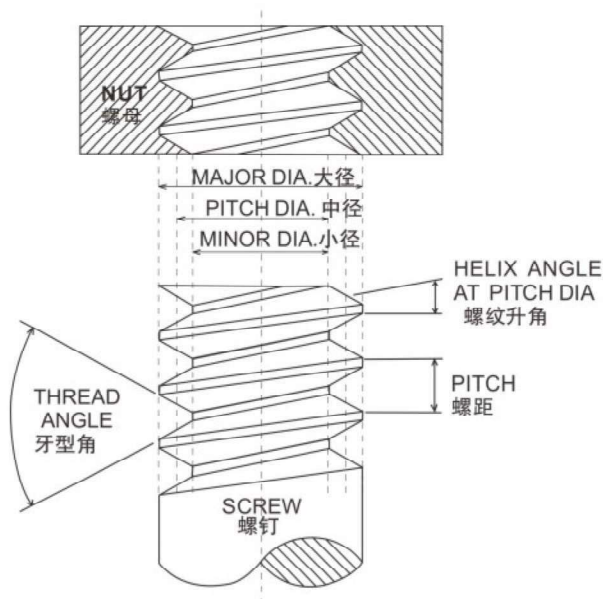
THREADS GROUND TO 螺纹公差

ISO 2857 - 1973, CLASS 2
ISO 2857 - 1973 CLASS 2
DIN 802 CLASS 6H
ANSI B1.1 1982 2B
BS 949:1976 CLASS 2
BS 949:1976 1976 - G SERIES
ANSI 94.9 1979

基本螺纹形式

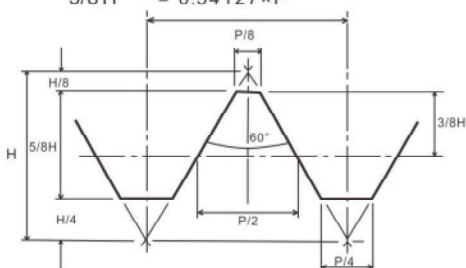
BASIC THREAD FORMS

COMPONENT ELEMENTS 组成要素



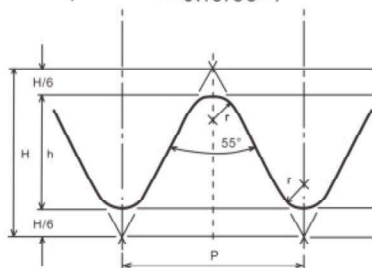
BASIC FORM OF ISO METRIC AND UNIFIED THREAD FORMS 国标公制和统一螺纹的基本型式

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



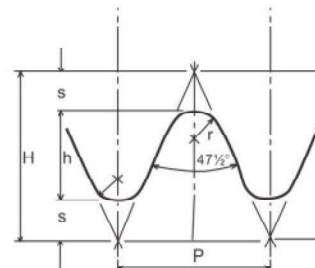
BASIC FORM OF WHITWORTH THREAD 惠氏螺纹基本型式

$$\begin{aligned} H &= 0.96049 \times P \\ h &= 2/3 H = 0.64033 \times P \\ P &= 0.64033 \times H \\ H/6 &= 0.16008 \times P \\ r &= 0.13733 \times P \end{aligned}$$



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

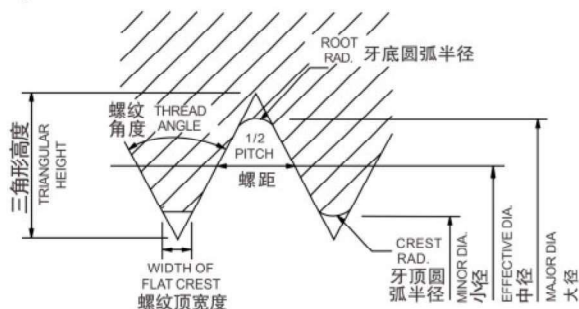
在相配合的内螺纹和外螺纹之间允许有间隙，丝攻用基本外径加上配合公差制造。

这些基本尺寸加上大尺寸配合公差设定

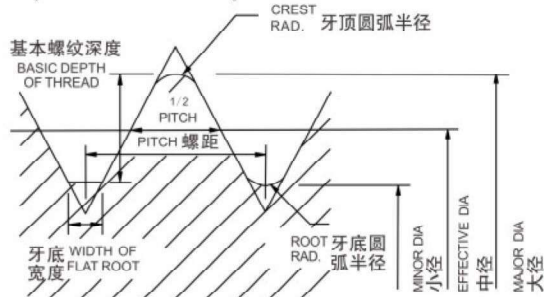
To allow for clearance between mating internal and external threads, taps are manufactured with oversize allowances added to the basic diameters.

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

