

① Spiral Fluted Tap Series for blind hole

Overall length	Thread length	Tread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	Ds	K	ℓk

JIS

SP OX Spiral Fluted Taps, Oxidized

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE	MSRP
M24 × 1.5	P3	SPR024OX	2.5P	120	39	-	55	19	15	18	4	6	¥ 18,000*
M27 × 3	P3	SPR027SX	2.5P	130	39	-	60	20	15	18	4	6	¥ 25,500*
M27 × 2	P3	SPR027OX	2.5P	130	39	-	60	20	15	18	4	6	¥ 25,500*
M28 × 1.5	P3	SPR028OX	2.5P	135	46	-	62	23	17	20	4	6	¥ 32,500*
M30 × 3.5	P4	SPS030TX	2.5P	135	46	-	62	23	17	20	4	6	¥ 32,500*
M30 × 3	P3	SPR030SX	2.5P	135	46	-	62	23	17	20	4	6	¥ 32,500*
M30 × 2	P3	SPR030OX	2.5P	135	46	-	62	23	17	20	4	6	¥ 32,500*
M30 × 1.5	P3	SPR030OX	2.5P	135	46	-	62	23	17	20	4	6	¥ 32,500*
M32 × 2	P3	SPMR032OX	2.5P	145	46	-	67	24	19	22	4	6	¥ 37,800*
M33 × 3.5	P4	SPMS033TX	2.5P	145	46	-	67	25	19	22	4	6	¥ 37,800*
M36 × 4	P4	SPMS036UX	2.5P	155	52	-	71	28	21	24	4	6	¥ 43,800*
For Unified Threads													
No.2-56UNC	P1	SPPUN2EX	2.5P	42	8.1	12	27	3	2.5	5	2	3	¥ 2,370*
No.4-40UNC	P1	SPPUN4HX	2.5P	46	9	14	25	4	3.2	6	2	3	¥ 1,530*
No.5-40UNC	P1	SPPUN5HX	2.5P	52	11	16	28	5	4	7	3	3	¥ 1,420*
No.6-32UNC	P2	SPQUN6JX	2.5P	52	11	17	27	5	4	7	3	3	¥ 1,420*
No.8-32UNC	P2	SPQUN8JX	2.5P	60	13	22	31	5.5	4.5	7	3	3	¥ 1,430*
No.10-24UNC	P2	SPQUNAMX	2.5P	60	13	22	32	5.5	4.5	7	3	3	¥ 1,430*
No.10-32UNF	P2	SPQUNAJX	2.5P	60	13	22	32	5.5	4.5	7	3	3	¥ 1,430*
1/4-20UNC	P2	SPQU04NX	2.5P	62	15	26	33	6	4.5	7	3	3	¥ 1,540*
1/4-28UNF	P2	SPQU04KX	2.5P	62	15	26	33	6	4.5	7	3	3	¥ 1,540*
5/16-18UNC	P2	SPQU05OX	2.5P	70	19	-	36	6.2	5	8	3	5	¥ 2,170*
5/16-24UNF	P2	SPQU05MX	2.5P	70	19	-	36	6.2	5	8	3	5	¥ 2,170*
3/8-16UNC	P2	SPQU06PX	2.5P	75	23	-	38	7	5.5	8	3	5	¥ 2,780*
3/8-24UNF	P2	SPQU06MX	2.5P	75	23	-	38	7	5.5	8	3	5	¥ 2,780*
7/16-14UNC	P3	SPRU07QX	2.5P	82	26	-	42	8.5	6.5	9	3	5	¥ 3,910*
7/16-20UNF	P2	SPQU07NX	2.5P	82	26	-	42	8.5	6.5	9	3	5	¥ 3,910*
1/2-13UNC	P3	SPRU08RX	2.5P	88	26	-	45	10.5	8	11	3	5	¥ 4,150*
1/2-20UNF	P2	SPQU08NX	2.5P	88	26	-	45	10.5	8	11	3	5	¥ 4,150*
9/16-18UNF	P2	SPQU09OX	2.5P	95	26	-	48	12.5	10	13	3	5	¥ 6,190*
5/8-11UNC	P3	SPRU10UX	2.5P	95	26	-	48	12.5	10	13	3	5	¥ 6,190*
5/8-18UNF	P2	SPQU10OX	2.5P	95	26	-	48	12.5	10	13	3	5	¥ 6,190*
3/4-10UNC	P3	SPRU12VX	2.5P	105	33	-	50	15	12	15	4	6	¥ 11,300*
3/4-16UNF	P3	SPRU12PX	2.5P	105	33	-	50	15	12	15	4	6	¥ 11,300*
7/8-9UNC	P3	SPRU14WX	2.5P	115	33	-	55	17	13	16	4	6	¥ 15,900*
7/8-14UNF	P3	SPRU14QX	2.5P	115	33	-	55	17	13	16	4	6	¥ 15,900*
1-8UNC	P3	SPRU16XX	2.5P	125	39	-	58	19	15	18	4	6	¥ 23,700*
1-12UNF	P3	SPRU16SX	2.5P	125	39	-	58	19	15	18	4	6	¥ 23,700*
1 1/2-6UNC	P4	SPMSU24ZX	2.5P	165	52	-	76	30	23	26	4	6	¥ 62,700*
1 1/2-12UNF	P3	SPMRU24SX	2.5P	165	52	-	76	30	23	26	4	6	¥ 62,700*
For Whitworth Threads													
1/8W40	P1	SPPW02HX	2.5P	52	11	16	28	5	4	7	3	3	¥ 1,770*
5/32W32	P2	SPQW2HJX	2.5P	52	11	17	29	5	4	7	3	3	¥ 1,420*
3/16W24	P2	SPQW03MX	2.5P	60	13	21	32	5.5	4.5	7	3	3	¥ 1,430*
1/4W20	P2	SPQW04NX	2.5P	62	15	26	33	6	4.5	7	3	3	¥ 1,540*
5/16W18	P2	SPQW05OX	2.5P	70	19	-	36	6.2	5	8	3	5	¥ 2,170*
3/8W16	P2	SPQW06PX	2.5P	75	23	-	38	7	5.5	8	3	5	¥ 2,780*
7/16W14	P3	SPRW07QX	2.5P	82	26	-	42	8.5	6.5	9	3	5	¥ 3,910*
1/2W12	P3	SPRW08SX	2.5P	88	26	-	45	10.5	8	11	3	5	¥ 4,150*

- ① Spiral Fluted Taps (for blind hole)
- ② Spiral Fluted Taps (for through hole)
- ③ Spiral Pointed Taps (for through hole)
- ④ Hand Taps
- ⑤ Cemented Carbide Taps
- ⑥ Roll Taps
- ⑦ Special Thread Taps (Simple Inspection Tools)
- ⑧ Pipe Taps
- ⑨ Thread Mills
- ⑩ Dies
- ⑪ Center Drills (Centering Tools)

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5/8W11	P3	SPRW10UX	2.5P	95	26	-	48	12.5	10	13	3	5	¥ 6,190*
3/4W10	P3	SPRW12VX	2.5P	105	33	-	50	15	12	15	4	6	¥ 11,300*
7/8W9	P3	SPRW14WX	2.5P	115	33	-	55	17	13	16	4	6	¥ 15,900*
1 W8	P3	SPRW16XX	2.5P	125	39	-	58	19	15	18	4	6	¥ 23,700*
1 1/4W7	P4	SPMSW20YX	2.5P	145	46	-	67	24	19	22	4	6	¥ 37,800*
1 1/2W6	P4	SPMSW24ZX	2.5P	165	52	-	76	30	23	26	4	6	¥ 62,700*

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