

Oversize

Segment : 1C

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Type	Stock																																			
For Metric Threads																																																
M2 × 0.4	P1	SPP2.0EL07	2.5P	70	7.2	12	55	3	2.5	5	2	1	△																																			
		SPP2.0EL10		100			85																																									
M2.3 × 0.4	P1	SPP2.3EL07	2.5P	70	7.2	12	55	3	2.5	5	2	1	△																																			
		SPP2.3EL10		100			85																																									
M2.5 × 0.45	P1	SPP2.5FL07	2.5P	70	8.1	14	53	3	2.5	5	2	1	△																																			
		SPP2.5FL10		100			83																																									
M2.6 × 0.45	P1	SPP2.6FL07	2.5P	70	8.1	14	53	3	2.5	5	2	1	△																																			
		SPP2.6FL10		100			83																																									
M3 × 0.5	P1	SPP3.0GL07	2.5P	70	9	14	50	4	3.2	6	3	1	△																																			
		SPP3.0GL10		100			○																																									
		SPP3.0GL12		120			△																																									
		SPP3.0GL15		150			⊙																																									
	P2	SPQ3.0GL10		100			40						4	3.2	6	3	1	△																														
		SPQ3.0GL15		150																																												
	P3	SPR3.0GL10		100															150	14	17	40	5	4	7	3	1	△																				
		SPR3.0GL15		150																																												
M4 × 0.7	P2	SPQ4.0IL07	2.5P	70	11	17		47	5	4	7	3																	1	△																		
		SPQ4.0IL10		100				40																						5	4	7	3	1	△													
		SPQ4.0IL12		120																															40	5	4	7	3	1	⊙							
		SPQ4.0IL15		150																																					40	5	4	7	3	1	⊙	
	P3	SPR4.0IL10		100			150						17	40	5	4	7	3																													1	△
		SPR4.0IL15		150																																												

LS-SP Long Shank Spiral Fluted Taps

Overall length	Chamfer full thread	Thread length	Thread-flute length	Shank length	Shank dia.	Size of square	Length of square
L	ℓt	ℓ	ℓn	ℓs	Ds	K	ℓk

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Type	Stock									
M5 × 0.8	P2	SPQ5.0KL10	2.5P	100	13	22	40	5.5	4.5	7	3	1	⊙									
		SPQ5.0KL12		120									△									
		SPQ5.0KL15		150									△									
	P3	SPR5.0KL10		100									△									
		SPR5.0KL15		150									△									
		SPQ6.0ML10		100									⊙									
M6 × 1	P2	SPQ6.0ML12	2.5P	120	15	26	40	6	4.5	7	3	1	△									
		SPQ6.0ML15		150									⊙									
		SPQ6.0ML20		200									⊙									
		SPR6.0ML10		100									△									
	P3	SPR6.0ML15		150									△									
		SPQ6.0JL10		100									△									
M6 × 0.75	P2	SPQ6.0JL10	2.5P	100	15	26	40	6	4.5	7	3	1	△									
M8 × 1.25	P2	SPQ8.0NL10	2.5P	100	19	-	50	6.2	5	8	3	2	⊙									
		SPQ8.0NL12		120									△									
		SPQ8.0NL15		150									△									
		SPQ8.0NL20		200									△									
	P3	SPR8.0NL10		100									△									
		SPR8.0NL15		150									△									
M8 × 1	P2	SPQ8.0ML10 SPQ8.0ML15	2.5P	100 150	19	-	50	6.2	5	8	3	2	△									
M10 × 1.5	P2	SPQ0100L10	2.5P	100	23	-	50	7	5.5	8	3	2	⊙									
		SPQ0100L12		120									△									
		SPQ0100L15		150									△									
		SPQ0100L20		200									△									
	P3	SPR0100L10		100									△									
		SPR0100L15		150									△									
M10 × 1.25	P2	SPQ010NL10 SPQ010NL12 SPQ010NL15 SPQ010NL20	2.5P	100 120 150 200	23	-	50	7	5.5	8	3	2	⊙									
M10 × 1	P2	SPQ010ML10 SPQ010ML15	2.5P	100 150	23	-	50	7	5.5	8	3	2	△									
M12 × 1.75	P2	SPQ012PL10	2.5P	100	26	-	50	8.5	6.5	9	3	2	△									
		SPQ012PL12		120									⊙									
		SPQ012PL15		150									△									
		SPQ012PL20		200									⊙									
	P3	SPR012PL15		150									△									
M12 × 1.5	P2	SPQ0120L10		2.5P									100	26	-	50	8.5	6.5	9	3	2	△
		SPQ0120L15	150		△																	
		SPQ0120L20	200		△																	
M12 × 1.25	P2	SPQ012NL10	2.5P	100	26	-	50	8.5	6.5	9	3	2	△									
		SPQ012NL12		120									⊙									
		SPQ012NL15		150									△									
		SPQ012NL20		200									⊙									
M12 × 1	P2	SPQ012ML12		2.5P									120	26	-	50	8.5	6.5	9	3	2	△
		SPQ012ML15											150									△
M14 × 2	P2	SPQ014QL12	2.5P	120	26	-	60	10.5	8	11	3	2	△									
		SPQ014QL15		150									⊙									
		SPQ014QL20		200									⊙									
M14 × 1.5	P2	SPQ0140L12		2.5P									120	26	-	60	10.5	8	11	3	2	△
		SPQ0140L15											150									△

LS-SP Long Shank Spiral Fluted Taps

Overall length	Chamfer+ full thread	Thread length	Thread+neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓt	ℓ	ℓn	ℓs	Ds	K	ℓk

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Type	Stock
M14 × 1.5	P2	SPQ0140L15	2.5P	150	26	-	60	10.5	8	11	3	2	△
		SPQ0140L20		200									○
M16 × 2	P2	SPQ0160L15	2.5P	150	26	-	60	12.5	10	13	3	2	⊙
		SPQ0160L20		200									△
		SPQ0160L25		250									⊙
M16 × 1.5	P2	SPQ0160L15	2.5P	150	26	-	60	12.5	10	13	3	2	○
		SPQ0160L20		200									○
M18 × 2.5	P3	SPR018RL15	2.5P	150	33	-	70	14	11	14	4	2	○
		SPR018RL20		200									△
		SPR018RL25		250									△
M18 × 1.5	P2	SPQ0180L15	2.5P	150	33	-	70	14	11	14	4	2	○
		SPQ0180L20		200									○
M20 × 2.5	P3	SPR020RL15	2.5P	150	33	-	70	15	12	15	4	3	⊙
		SPR020RL20		200									△
		SPR020RL25		250									⊙
M20 × 1.5	P3	SPR0200L15	2.5P	150	33	-	70	15	12	15	4	3	○
		SPR0200L20		200									○
M22 × 2.5	P3	SPR022RL15	2.5P	150	33	-	70	17	13	16	4	3	△
		SPR022RL20		200									△
M22 × 1.5	P3	SPR0220L15	2.5P	150	33	-	70	17	13	16	4	3	○
		SPR0220L20		200									○
M24 × 3	P3	SPR024SL15	2.5P	150	39	-	80	19	15	18	4	3	○
		SPR024SL20		200									△
		SPR024SL25		250									⊙
M24 × 2	P3	SPR024QL20	2.5P	200	39	-	80	19	15	18	4	3	△
M24 × 1.5	P3	SPR0240L15	2.5P	150	39	-	80	19	15	18	4	3	○
		SPR0240L20		200									○
M27 × 3	P3	SPR027SL20	2.5P	200	39	-	80	20	15	18	4	3	△
		SPR027SL25		250									△
M27 × 2	P3	SPR027QL20	2.5P	200	39	-	80	20	15	18	4	3	△
M27 × 1.5	P3	SPR0270L20	2.5P	200	39	-	80	20	15	18	4	3	△
		SPR0270L25		250									△
		SPR0270L20		200									△
M30 × 3.5	P4	SPS030TL20	2.5P	200	46	-	80	23	17	20	4	3	△
		SPS030TL25		250									△
		SPS030TL30		300									△
M30 × 1.5	P3	SPR0300L20	2.5P	200	46	-	80	23	17	20	4	3	△
		SPR0300L25		250									△
For Unified Threads													
Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Type	Stock
1/4-20UNC	P2	SPQU04NL10	2.5P	100	15	26	40	6	4.5	7	3	1	△
		SPQU04NL15		150									△
1/4-28UNF	P2	SPQU04KL10	2.5P	100	15	26	40	6	4.5	7	3	1	△
		SPQU04KL15		150									△
5/16-18UNC	P2	SPQU050L10	2.5P	100	19	-	50	6.2	5	8	3	2	△
		SPQU050L15		150									△
5/16-24UNF	P2	SPQU05ML10	2.5P	100	19	-	50	6.2	5	8	3	2	△
		SPQU05ML15		150									△
3/8-16UNC	P2	SPQU06PL10	2.5P	100	23	-	50	7	5.5	8	3	2	△
		SPQU06PL15		150									△
		SPQU06PL20		200									△

LS-SP Long Shank Spiral Fluted Taps

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Type	Stock
3/8-24UNF	P2	SPQU06ML10	2.5P	100	23	-	50	7	5.5	8	3	2	△
		SPQU06ML15		150									
7/16-14UNC	P3	SPRU07QL15	2.5P	150	26	-	50	8.5	6.5	9	3	2	△
7/16-20UNF	P2	SPQU07NL15	2.5P	150	26	-	50	8.5	6.5	9	3	2	△
1/2-13UNC	P3	SPRU08RL15	2.5P	150	26	-	60	10.5	8	11	3	2	△
		SPRU08RL20		200									
1/2-20UNF	P2	SPQU08NL15	2.5P	150	26	-	60	10.5	8	11	3	2	△
5/8-11UNC	P3	SPRU10UL15	2.5P	150	26	-	60	12.5	10	13	3	2	△
		SPRU10UL20		200									
5/8-18UNF	P2	SPQU10OL15	2.5P	150	26	-	60	12.5	10	13	3	2	△
3/4-10UNC	P3	SPRU12VL15	2.5P	150	33	-	70	15	12	15	4	3	△
		SPRU12VL20		200									
3/4-16UNF	P3	SPRU12PL15	2.5P	150	33	-	70	15	12	15	4	3	△
7/8-9UNC	P3	SPRU14WL15	2.5P	150	33	-	70	17	13	16	4	3	△
		SPRU14WL20		200									
1 -8UNC	P3	SPRU16XL15	2.5P	150	39	-	80	19	15	18	4	3	△
		SPRU16XL20		200									

For Whitworth Threads

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Type	Stock
1/4W20	P2	SPQW04NL10	2.5P	100	15	26	40	6	4.5	7	3	1	△
		SPQW04NL15		150									
5/16W18	P2	SPQW05OL10	2.5P	100	19	-	50	6.2	5	8	3	2	△
		SPQW05OL15		150									
3/8W16	P2	SPQW06PL10	2.5P	100	23	-	50	7	5.5	8	3	2	△
		SPQW06PL15		150									
		SPQW06PL20		200									
7/16W14	P3	SPRW07QL15	2.5P	150	26	-	50	8.5	6.5	9	3	2	△
1/2W12	P3	SPRW08SL15	2.5P	150	26	-	60	10.5	8	11	3	2	△
		SPRW08SL20		200									
5/8W11	P3	SPRW10UL15	2.5P	150	26	-	60	12.5	10	13	3	2	△
		SPRW10UL20		200									
3/4W10	P3	SPRW12VL15	2.5P	150	33	-	70	15	12	15	4	3	△
		SPRW12VL20		200									
7/8W9	P3	SPRW14WL15	2.5P	150	33	-	70	17	13	16	4	3	△
		SPRW14WL20		200									
1 W8	P3	SPRW16XL15	2.5P	150	39	-	80	19	15	18	4	3	△
		SPRW16XL20		200									