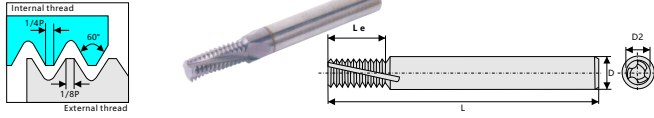


# Thread Milling System

## ISO Metric External thread/Internal thread



Standard : R262(DIN 13)  
Accuracy Class : 6g/6H

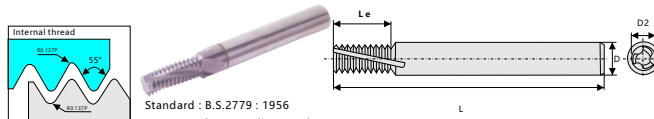
Spiral Milling Cutter-External thread 2XD(L1 ≤ 2X Thread Dia)

Thread	Pitch Of Screw	Order Number	Dimension (mm)						Stock	Order Number	Price (RMB)
M Coarse Thread	mm	External thread	D	D2	L	Le	Z	Z t			
M3x0.5	0.5	H04039L06-E0.5ISO TM	4	3.9	45	6.0	3	12	●	601100	
M4.5x0.75	0.75	H04039L09-E0.75ISO TM	4	3.9	45	9.0	3	12	●	601102	
M6x1.0	1.0	H04039L12-E1.0ISO TM	4	3.9	45	12.0	3	12	●	601104	
M8x1.25	1.25	H06059L16-E1.25ISO TM	6	5.9	57	16.25	3	13	●	601106	
M10x1.5	1.5	H08079L21-E1.5ISO TM	8	7.9	63	21.0	3	14	●	601108	
M14x2.0	2.0	H10099L28-E2.0ISO TM	10	9.9	73	28.0	4	14	●	601110	

Spiral Milling Cutter-Internal thread 2XD(L1 ≤ 2X Thread Dia)

Thread	Pitch Of Screw	Order Number	Dimension (mm)						Stock	Order Number	Price (RMB)
M Coarse Thread	M Fine pitch	External thread	D	D2	L	Le	Z	Z t			
M3x0.5	M3.5-M16x0.5	H0402206-10.5ISO TM	4	2.2	45	6.0	3	12	2.5	●	601200
M4x0.5	0.5	H04030L08-10.5ISO TM	4	3.0	45	8.0	3	16	3.5	●	601202
M5x0.5	0.5	H04039L10-10.5ISO TM	4	3.9	45	10.0	3	20	4.5	●	601204
	0.7	H04028L08-10.7ISO TM	4	2.8	45	8.4	3	12	3.3	●	601206
M4x0.7	M6x0.75	H04039L12-10.75ISO TM	4	3.9	45	12.0	3	16	5.3	●	601208
	0.8	H04035L10-10.8ISO TM	4	3.5	45	10.4	3	13	4.2	●	601210
M5x0.8	M8-M40x1.0	H04039L12-11.0ISO TM	4	3.9	45	12.0	3	12	5.0	●	601212
M6x1.0	M8x1.0	H06059L16-11.0ISO TM	6	5.9	57	16.0	3	16	7.0	●	601214
	M10x1.0	H08079L20-11.0ISO TM	8	7.9	63	20.0	3	20	9.0	●	601216
M12x1.0	1.0	H10099L24-11.0ISO TM	10	9.9	73	24.0	4	24	11.0	●	601218
	1.25	H06058L16-11.25ISO TM	6	5.8	57	16.25	3	13	6.8	●	601220
M8x1.25	M10x1.25	H08077L20-11.25ISO TM	8	7.7	63	20.0	3	16	8.8	●	601222
	M12-M48x1.5	H08077L21-11.5ISO TM	8	7.7	63	21.0	3	14	8.5	●	601224
M10x1.5	M12x1.5	H10094L24-11.5ISO TM	10	9.4	73	24.0	4	16	10.5	●	601226
	1.5	H12113L28-11.5ISO TM	12	11.2	83	28.5	4	19	12.5	●	601228
M14x1.5	1.5	H12119L33-11.5ISO TM	12	11.9	83	33.0	4	22	14.5	●	601230
	1.75	H10087L24-11.75ISO TM	10	8.7	73	24.5	4	14	10.2	●	601232
M12x1.75	M17-M80x2.0	H10099L28-12.0ISO TM	10	9.9	73	28.0	4	14	12.0	●	601234
M16x2.0	M17-M80x2.0	H12119L32-12.0ISO TM	12	11.9	83	32.0	4	16	14.0	●	601236
	2.5	H16139L40-12.6ISO TM	16	13.9	92	40.0	5	16	15.5	●	601238
M18-M22x2.5		H16159L42-13.0ISO TM	16	15.9	92	42.0	4	14	21.0	●	601240

## BSP(G) External thread/Internal thread

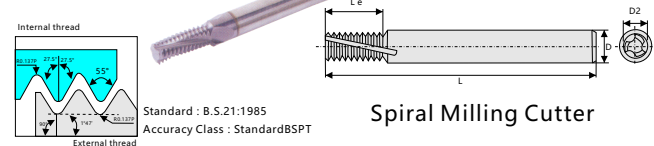


Standard : B.S.2779 : 1956  
Accuracy Class : Medium grade A

Spiral Milling Cutter 2XD(L1 ≤ 2X Thread Dia)

Thread	Pitch Of Screw	Order Number	Dimension (mm)						Stock	Order Number	Price (RMB)
Standard	tpi	External thread/Internal thread	D	D2	L	Le	Z	Z t			
1/16" x28, 1/8" x28	28	H06058L16-E128BSP TM	6	5.8	57	16.3	3	18	6.7	●	601300
1/8" x28	28	H08077L20-E128BSP TM	8	7.7	63	20.0	3	22	8.7	●	601302
1/4" x19, 3/8" x19	19	H10099L27-E119BSP TM	10	9.9	73	26.7	4	20	11.8	●	601304
3/8" x19	19	H16134L33-E119BSP TM	16	13.4	92	33.4	4	25	15.2	●	601306
1/2", 3/4" x14	14	H16157L44-E114BSP TM	16	15.7	92	43.5	5	24	19.0	●	601308
1", 1/2", 2", 1/2" x11	14	H20199L42-E111BSP TM	20	19.9	104	41.6	5	18	30.7	●	601310

## BSPT External thread/Internal thread

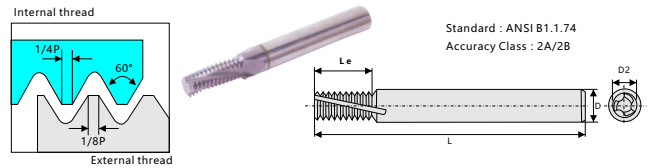


Standard : B.S.21-1985  
Accuracy Class : StandardBSPT

Spiral Milling Cutter

Thread	Pitch Of Screw	Order Number	Dimension (mm)						Stock	Order Number	Price (RMB)
Standard	tpi	External thread/Internal thread	D	D2	L	Le	Z	Z t			
1/16" x28	28	H06058L16-E128BSP TM	6	5.8	57	16.3	3	18	6.7	●	601400
1/8" x28	28	H08077L20-E128BSP TM	8	7.7	63	20.0	3	22	8.7	●	601402
1/4" x19	19	H10099L27-E119BSP TM	10	9.9	73	26.7	4	20	11.8	●	601404
3/8" x19	19	H16134L33-E119BSP TM	16	13.4	92	33.4	4	25	15.2	●	601406
1/2", 3/4" x14	14	H16157L44-E114BSP TM	16	15.7	92	43.5	5	24	19.0	●	601408
1", 1/2", 2", 1/2" x11	11	H20199L42-E111BSP TM	20	19.9	104	41.6	5	18	30.7	●	601410

## UN External thread/Internal thread



Standard : ANSI B1.1.74  
Accuracy Class : 2A/2B

Spiral Milling Cutter-External thread 2XD(L1 ≤ 2X Thread Dia)

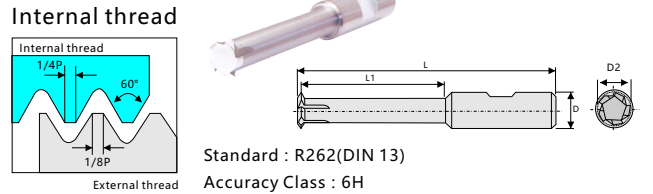
Thread	Pitch Of Screw	Order Number	Dimension (mm)						Stock	Order Number	Price (RMB)
M Coarse Thread	M Fine pitch	External thread	D	D2	L	Le	Z	Z t			
No.8-32	32	H04039L09-E32UNC TM	4	3.9	45	8.7	3	11	●	601500	
No.12-24	24	H04039L12-E24UNC TM	4	3.9	45	11.8	3	13	●	601502	
1/4" x20	20	H04039L12-E24UNC TM	4	3.9	45	12.7	3	10	●	601506	
5/16" x18	18	H06059L17-E18UNC TM	6	5.9	57	16.9	3	12	●	601508	
3/8" x16	16	H08079L19-E16UNC TM	8	7.9	63	19.1	3	12	●	601510	
9/16" x12	12	H12119L19-E12UNC TM	12	11.9	83	29.6	4	14	●	601512	

## Spiral Milling Cutter-Internal thread

2XD(L1 ≤ 2X Thread Dia)

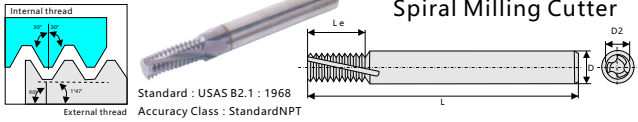
Thread	Pitch Of Screw	Order Number	Dimension (mm)						Stock	Order Number	Price (RMB)		
UNC	UNF	UNEF	Tpi	External thread	D	D2	L	Le				Z	Z t
No.8-36			36	H04030L09-I36UNF TM	4	3.0	45	8.5	3	12	3.5	●	601600
No.10-32	No.12-28		32	H04033L11-I32UNF TM	4	3.3	45	11.1	3	14	4.0	●	601602
	1/4" x28		28	H04038L12-I28UNF TM	4	3.8	45	11.8	3	13	4.6	●	601604
	1/4" x28		28	H06046L13-I28UNF TM	6	4.6	57	12.7	3	14	5.5	●	601606
	1/2" x28		28	H10092L23-I28UNEF TM	10	9.2	73	22.7	4	25	10.2	●	601608
No.10-24	5/16"	9/16"	24	H04029L11-I24UNC TM	4	2.9	45	10.6	3	10	3.8	●	601610
	3/8" x24	11/16" x24	24	H04035L12-I24UNC TM	4	3.5	45	11.6	3	11	4.5	●	601612
No.12-24	5/16"	9/16"	24	H06057L16-I24UNC TM	6	5.7	57	15.9	3	15	6.5	●	601614
	3/8" x24	11/16" x24	24	H08074L19-I24UNF TM	8	7.4	63	19.1	3	18	8.5	●	601616
	3/8" x24	11/16" x24	24	H12119L29-I24UNEF TM	12	11.9	83	28.6	4	27	13.2	●	601618
1/4" x20	7/16"	3/4"	20	H04039L13-I20UNC TM	4	3.9	45	12.7	3	10	5.2	●	601620
	7/16"	3/4"	20	H10085L23-I20UNF TM	10	8.5	73	22.9	4	18	9.8	●	601622
	1/2" x20	1" x20	20	H10099L26-I20UNF TM	10	9.9	73	25.4	4	20	11.5	●	601624
	1/2" x20	3/4"	20	H16159L38-I20UNEF TM	16	15.9	92	38.1	5	30	17.8	●	601626
5/16" x18	9/16"	11/16"-1	18	H06052L17-I18UNC TM	6	5.2	57	16.9	3	12	6.5	●	601628
	5/8" x18	11/16" x18	18	H12113L30-I18UNF TM	12	11.3	83	29.6	4	21	12.8	●	601630
	5/8" x18	11/16" x18	18	H12119L33-I18UNF TM	12	11.9	83	32.5	4	23	14.5	●	601632
	5/8" x18	11/16" x18	18	H12119L33-I18UNF TM	12	11.9	83	32.5	4	23	14.5	●	601632
3/8" x16	3/4" x16		16	H08076L19-I16UNC TM	8	6.7	63	19.1	3	12	8.0	●	601634
	3/4" x16		16	H16159L38-I16UNF TM	16	15.9	92	38.1	4	24	17.5	●	601636
7/16" x14	7/8" x14		14	H08076L24-I14UNC TM	8	7.6	63	23.6	4	24	9.5	●	601638
	7/8" x14		14	H20187L44-I14UNF TM	20	18.7	104	44.4	4	24	20.5	●	601640
1/2" x13			13	H10089L26-I13UNC TM	10	8.9	73	25.4	4	13	10.8	●	601642
9/16" x12	1"-1	1/2" x12	12	H12103L30-I12UNC TM	12	10.3	83	29.6	4	14	12.3	●	601644
	1"-1	1/2" x12	12	H20199L51-I12UNC TM	20	19.9	104	50.8	5	24	23.5	●	601646
5/8" x11			11	H12110L32-I11UNC TM	12	11.0	83	32.3	4	14	13.5	●	601648
3/4" x10			10	H16135L38-I10UNC TM	16	13.5	92	38.1	5	15	16.5	●	601650
7/8" x9			9	H16152L45-I9UNC TM	16	15.2	92	45.2	4	16	19.5	●	601652
1" x8			8	H20170L51-I8UNC TM	20	17.0	104	50.8	4	16	22.0	●	601654

## ISO Metric Internal thread



Standard : R262(DIN 1

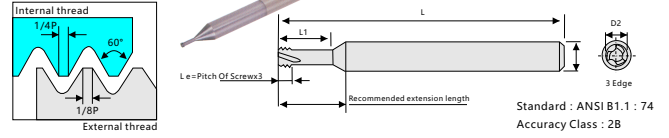
## NPT External thread/Internal thread



Thread	Pitch of Screw	Order Number	Dimension (mm)								Order Number	Price (RMB)
Standard	tpi	External thread/Internal thread	D	D2	L	Le	Z	Zt	mm	Stock		
1/16"x27	27	H06053L09-E127NPT TM	6	5.3	57	9.4	3	10	6.3	●	601800	
1/8"x27	27	H08075L09-E127NPT TM	8	7.5	63	9.4	4	10	8.5	●	601802	
1/4"x18	18	H10094L14-E118NPT TM	10	9.4	73	14.1	4	10	11.1	●	601804	
3/8"x18	18	H12119L14-E118NPT TM	12	11.9	83	14.1	4	10	14.5	●	601806	
1/2",3/4"x14	14	H16155L25-E114NPT TM	16	15.5	92	25.4	5	14	17.7/23.0	●	601808	
1"-2"x11.5	11.5	H20199L33-E111.5NPT TM	20	19.9	104	33.1	5	15	29.0/36.0	●	601810	
2 1/2",3"x8	8	H20199L38-E18NPT TM	20	19.9	104	38.1	4	12	66.5	●	601812	

## UN(Micro diameter Thread)

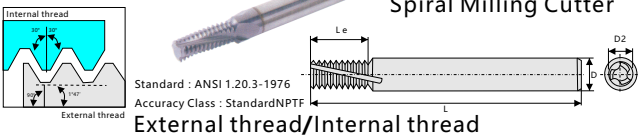
Internal thread



## Micro diameter Thread Milling 2XD(L1<=2X Thread Dia)

Thread	Pitch of Screw	Order Number	Dimension (mm)								Order Number	Price (RMB)
UNC	UNF	TPJ Internal thread	D	D2	L	Le	Z	Zt	mm	Stock		
	No.1-72	72	D3T06014L039-I72UN TM	6	1.45	57	3.9	3	1.6	●	602300	
No.1-64	No.2-64	64	D3T06014L042-I64UN TM	6	1.40	57	4.2	3	1.5	●	602302	
No.2-56	No.3-56	56	D3T06016L050-I56UN TM	6	1.65	57	5.0	3	1.8	●	602304	
No.3-48	No.4-48	48	D3T06019L060-I48UN TM	6	1.90	57	6.0	3	2.1	●	602306	
No.4, No.5-40	No.6-40	40	D3T06021L060-I40UN TM	6	2.10	57	6.0	3	2.3	●	602308	
No.5-40	No.6-40	40	D3T06024L072-I40UN TM	6	2.45	57	7.2	3	2.6	●	602310	
	No.8-36	36	D3T06033L087-I36UN TM	6	3.30	57	8.7	3	3.5	●	602312	
No.6, No.8-32	No.10-32	32	D3T06025L074-I32UN TM	6	3.55	57	7.4	3	2.8	●	602314	
No.8-32	No.10-32	32	D3T06032L100-I32UN TM	6	3.20	57	10.0	3	3.5	●	602316	
	1/4"x28	28	D3T06052L132-I28UN TM	6	5.25	57	13.2	3	5.9	●	602318	
No.10-24	5/16"x24	24	D3T06035L102-I24UN TM	6	3.58	57	10.2	3	3.9	●	602320	
	5/16"x24	24	D3T08066L165-I24UN TM	8	6.68	63	16.5	3	6.9	●	602322	
1/4"x20	7/16"x20	20	D3T06048L134-I20UN TM	6	4.88	57	13.4	3	5.2	●	602324	
	7/16"x20	20	D3T10095L230-I20UN TM	10	9.55	73	23.0	3	9.9	●	602326	
3/8"x16		16	D3T08067L191-I16UN TM	8	6.70	63	19.1	3	8.0	●	602328	
7/16"x14		14	D3T10090L233-I14UN TM	10	9.00	73	23.3	3	9.4	●	602330	

## NPTF



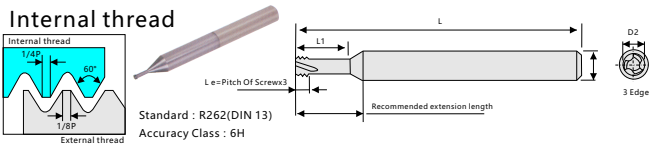
Thread	Pitch of Screw	Order Number	Dimension (mm)								Order Number	Price (RMB)
Standard	tpi	External thread/Internal thread	D	D2	L	Le	Z	Zt	mm	Stock		
1/16"x27	27	H06053L09-E127NPTF TM	6	5.3	57	9.4	3	10	6.3	●	601900	
1/8"x27	27	H08075L09-E127NPTF TM	8	7.5	63	9.4	4	10	8.5	●	601902	
1/4"x18	18	H10094L14-E118NPTF TM	10	9.4	73	14.1	4	10	11.1	●	601904	
3/8"x18	18	H12119L14-E118NPTF TM	12	11.9	83	14.1	4	10	14.5	●	601906	
1/2",3/4"x14	14	H16155L25-E114NPTF TM	16	15.5	92	25.4	5	14	17.7/23.0	●	601908	
1"-2"x11.5	11.5	H20199L33-E111.5NPTF TM	20	19.9	104	33.1	5	15	29.0/36.0	●	601910	
2 1/2",3"x8	8	H20199L38-E18NPTF TM	20	19.9	104	38.1	4	12	66.5	●	601912	

## Micro diameter Thread Milling

3XD(L1<=2X Thread Dia)

Thread	Pitch of Screw	Order Number	Dimension (mm)								Order Number	Price (RMB)
UNC	UNF	TPJ Internal thread	D	D2	L	Le	Z	Zt	mm	Stock		
	No.1-72	72	D3T03014L057-I72UN TM	3	1.45	30	5.75	3	1.6	●	602400	
	No.2-72	72	D3T06014L057-I72UN TM	6	1.45	57	5.75	3	1.6	●	602402	
No.2-56	No.3-56	56	D3T03016L070-I56UN TM	3	1.65	30	7.0	3	1.8	●	602404	
No.4, No.5-40	No.6-40	40	D3T03021L090-I40UN TM	3	2.10	30	9.0	3	2.3	●	602406	
No.4, No.5-40	No.6-40	40	D3T06021L100-I40UN TM	6	2.10	57	9.0	3	2.3	●	602408	
No.5-40	No.10-32	32	D3T06024L110-I40UN TM	6	2.45	57	10.0	3	2.6	●	602410	
No.6, No.8-32	No.10-32	32	D3T03025L110-I32UN TM	3	2.55	30	11.0	3	2.8	●	602412	
No.6, No.8-32	No.10-32	32	D3T06025L110-I32UN TM	6	2.55	57	11.0	3	2.8	●	602414	
No.8-32	No.10-32	32	D3T06032L130-I32UN TM	6	3.20	57	13.0	3	3.4	●	602416	
	1/4"x28	28	D3T06052L136-I28UN TM	6	5.25	57	13.6	3	5.5	●	602418	
	5/16"x24	24	D3T08066L245-I24UN TM	8	6.68	63	24.5	3	6.9	●	602420	
1/4"x20	7/16"x20	20	D3T06048L198-I20UN TM	6	4.88	57	19.8	3	5.1	●	602422	

## ISO Metric (Micro diameter Thread) MilliPro



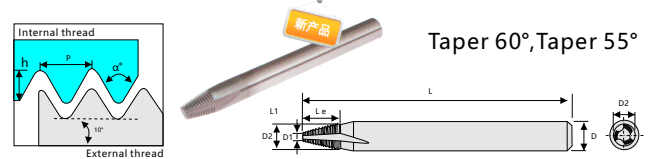
Thread	Pitch of Screw	Order Number	Dimension (mm)								Order Number	Price (RMB)
M Coarse Thread	M Fine pitch	Internal thread	D	D2	L	Le	Z	Zt	mm	Stock		
M1.6x0.35	0.35	D3T03012L034-I0.35ISO TM	3	1.20	30	3.4	3	1.25	●	602100		
M2x0.4	0.4	D3T06015L042-I0.4ISO TM	6	1.55	57	4.2	3	1.6	●	602102		
M2.2x0.45	0.45	D3T06016L046-I0.45ISO TM	6	1.65	57	4.6	3	1.75	●	602104		
M2.5x0.45	0.45	D3T06019L052-I0.45ISO TM	6	1.95	57	5.2	3	2.05	●	602106		
M3x0.5	0.5	D3T06024L062-I0.5ISO TM	6	2.40	57	6.2	3	2.5	●	602108		
M3.5x0.6	0.6	D3T06027L073-I0.6ISO TM	6	2.75	57	7.3	3	2.9	●	602110		
M4x0.7	0.7	D3T06031L083-I0.7ISO TM	6	3.15	57	8.3	3	3.3	●	602112		
M5x0.8	0.8	D3T06040L104-I0.8ISO TM	6	4.05	57	10.4	3	4.2	●	602114		
M6x1.0	1.0	D3T06048L125-I1.0ISO TM	6	4.80	57	12.5	3	5.0	●	602116		
M8x1.25	1.25	D3T08065L166-I1.25ISO TM	8	6.50	63	16.6	3	6.8	●	602118		
M10x1.5	1.50	D3T10082L208-I1.5ISO TM	10	8.20	73	20.8	3	8.5	●	602120		
M12x1.75	1.75	D3T10099L250-I1.75ISO TM	10	9.90	73	25.0	3	10.3	●	602122		
M16x2.0	2.0	D3T12119L330-I2.0ISO TM	12	11.90	83	33.0	3	14.0	●	602124		
M20x2.5	2.50	D3T16159L413-I2.5ISO TM	16	15.90	92	41.3	3	17.5	●	602126		

## MilliPro

## Micro diameter Thread Milling 3XD(L1<=2X Thread Dia)

Thread	Pitch of Screw	Order Number	Dimension (mm)								Order Number	Price (RMB)
M Coarse Thread	M Fine pitch	Internal thread	D	D2	L	Le	Z	Zt	mm	Stock		
M1.6x0.35	0.35	D3T03012L050-I0.35ISO TM	3	1.20	30	5.0	3	1.25	●	602200		
M2x0.4	0.4	D3T03015L062-I0.4ISO TM	3	1.55	30	6.2	3	1.6	●	602202		
M2X04	0.4	D3T06015L062-I0.4ISO TM	6	1.55	57	6.2	3	1.6	●	602204		
M2.5x0.45	0.45	D3T03019L077-I0.45ISO TM	3	1.95	30	7.7	3	2.05	●	602206		
M2.5x0.45	0.45	D3T06019L077-I0.45ISO TM	6	1.95	57	7.7	3	2.05	●	602208		
M3x0.5	0.6	D3T03024L092-I0.5ISO TM	3	2.40	30	9.2	3	2.5	●	602210		
M3x0.5	0.5	D3T06024L092-I0.5ISO TM	6	2.40	57	9.2	3	2.5	●	602212		
M4x0.7	0.7	D3T06031L123-I0.7ISO TM	6	3.15	57	12.3	3	3.3	●	602214		
M5x0.8	0.8	D3T06040L154-I0.8ISO TM	6	4.05	57	15.4	3	4.2	●	602216		
M6x1.0	1.0	D3T06048L185-I1.0ISO TM	6	4.80	57	18.5	3	5.0	●	602218		
M8x1.25	1.25	D3T08065L246-I1.25ISO TM	8	6.50	63	24.6	3	6.8	●	602220		

## Straight groove-taper Thread Milling

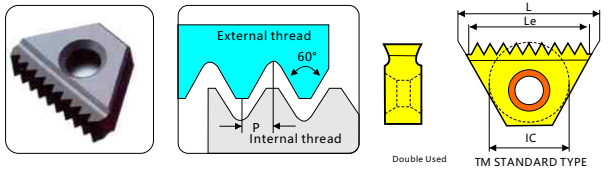


## Straight thread milling cutter for processing bone plate

Pitch of Screw	Order Number	Taper	Angle	Hight	Dimension (mm)					Order Number	Price (RMB)		
mm	Internal thread	α	h	D	D2	D1	L	Le	Z	Zt			
0.4	S06059L080-I0.4TAP60 TM	20°	60°	0.20	6	5.9	3.2	57	8.0	3	20	●	602500
0.5	S06059L090-I0.5TAP60 TM	20°	60°	0.25	6	5.9	2.9	57	9.0	3	18	●	602502
0.3	S03028L039-I0.3TAP55 TM	20°	55°	0.18	3	2.8	1.5	38	3.9	3	13	●	602504
0.35	S04039L063-I0.35TAP55 TM	20°	55°	0.20	4	3.9	1.8	45	6.3	3	18	●	602506
0.4	S06059L100-I0.4TAP55 TM	20°	55°	0.29	6	5.9	2.5	57	10.0	3	25	●	602508
0.5	S06059L090-I0.5TAP55 TM	20°	55°	0.33	6	5.9	2.9	57	9.0	3	18	●	602510
0.6	S06059L066-I0.6TAP55 TM	20°	55°	0.47	6	5.9	3.8	57	6.6	3	11	●	602512

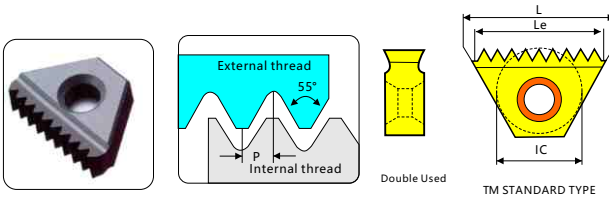
## Thread Milling Tool

ISO Standard Type Thread Milling Insert  
ISO Metric Full Profile



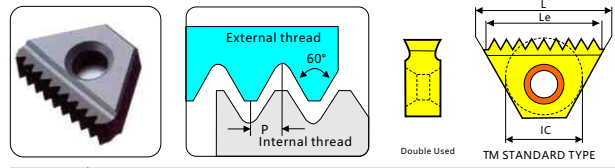
Pitch	Dimensions(mm)					
	L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
0.5	Ext TM6.0N0.5 ISO	TM2N0.5 ISO	TM3N0.5 ISO			
0.5	Int					
0.75	Ext TM6.0N0.75 ISO	TM2E0.75 ISO	TM3E0.75 ISO			
0.75	Int					
1.0	Ext TM6.0N1.0 ISO	TM2E1.0 ISO	TM3E1.0 ISO	TM3BE1.0 ISO	TM5E1.0 ISO	
1.0	Int	TM2N1.0 ISO	TM3N1.0 ISO	TM3BN1.0 ISO	TM5N1.0 ISO	
1.25	Ext TM6.0N1.25 ISO	TM2E1.25 ISO	TM3E1.25 ISO	TM3BE1.25 ISO	TM5E1.25 ISO	
1.25	Int	TM2N1.25 ISO	TM3N1.25 ISO	TM3BN1.25 ISO	TM5N1.25 ISO	
1.5	Ext TM6.0N1.5 ISO	TM2E1.5 ISO	TM3E1.5 ISO	TM3BE1.5 ISO	TM5E1.5 ISO	TM6BE1.5 ISO
1.5	Int	TM2N1.5 ISO	TM3N1.5 ISO	TM3BN1.5 ISO	TM5N1.5 ISO	TM6BN1.5 ISO
1.75	Ext TM6.0N1.75 ISO	TM2E1.75 ISO	TM3E1.75 ISO	TM3BE1.75 ISO	TM5E1.75 ISO	
1.75	Int	TM2N1.75 ISO	TM3N1.75 ISO	TM3BN1.75 ISO	TM5N1.75 ISO	
2.0	Ext TM6.0N2.0 ISO	TM2E2.0 ISO	TM3E2.0 ISO	TM3BE2.0 ISO	TM5E2.0 ISO	TM6BE2.0 ISO
2.0	Int	TM2N2.0 ISO	TM3N2.0 ISO	TM3BN2.0 ISO	TM5N2.0 ISO	TM6BN2.0 ISO
2.5	Ext TM6.0N2.5 ISO	TM2E2.5 ISO	TM3E2.5 ISO	TM3BE2.5 ISO	TM5E2.5 ISO	TM6BE2.5 ISO
2.5	Int	TM2N2.5 ISO	TM3N2.5 ISO	TM3BN2.5 ISO	TM5N2.5 ISO	TM6BN2.5 ISO
3.0	Ext TM6.0N3.0 ISO	TM2E3.0 ISO	TM3E3.0 ISO	TM3BE3.0 ISO	TM5E3.0 ISO	TM6BE3.0 ISO
3.0	Int	TM2N3.0 ISO	TM3N3.0 ISO	TM3BN3.0 ISO	TM5N3.0 ISO	TM6BN3.0 ISO
3.5	Ext TM6.0N3.5 ISO	TM2E3.5 ISO	TM3E3.5 ISO	TM3BE3.5 ISO	TM5E3.5 ISO	
3.5	Int	TM2N3.5 ISO	TM3N3.5 ISO	TM3BN3.5 ISO	TM5N3.5 ISO	
4.0	Ext TM6.0N4.0 ISO	TM2E4.0 ISO	TM3E4.0 ISO	TM3BE4.0 ISO	TM5E4.0 ISO	TM6BE4.0 ISO
4.0	Int	TM2N4.0 ISO	TM3N4.0 ISO	TM3BN4.0 ISO	TM5N4.0 ISO	TM6BN4.0 ISO
4.5	Ext TM6.0N4.5 ISO	TM2E4.5 ISO	TM3E4.5 ISO	TM3BE4.5 ISO	TM5E4.5 ISO	TM6BE4.5 ISO
4.5	Int	TM2N4.5 ISO	TM3N4.5 ISO	TM3BN4.5 ISO	TM5N4.5 ISO	TM6BN4.5 ISO
5.0	Ext TM6.0N5.0 ISO	TM2E5.0 ISO	TM3E5.0 ISO	TM3BE5.0 ISO	TM5E5.0 ISO	TM6BE5.0 ISO
5.0	Int	TM2N5.0 ISO	TM3N5.0 ISO	TM3BN5.0 ISO	TM5N5.0 ISO	TM6BN5.0 ISO
5.5	Ext TM6.0N5.5 ISO	TM2E5.5 ISO	TM3E5.5 ISO	TM3BE5.5 ISO	TM5E5.5 ISO	TM6BE5.5 ISO
5.5	Int	TM2N5.5 ISO	TM3N5.5 ISO	TM3BN5.5 ISO	TM5N5.5 ISO	TM6BN5.5 ISO
6.0	Ext TM6.0N6.0 ISO	TM2E6.0 ISO	TM3E6.0 ISO	TM3BE6.0 ISO	TM5E6.0 ISO	TM6BE6.0 ISO
6.0	Int	TM2N6.0 ISO	TM3N6.0 ISO	TM3BN6.0 ISO	TM5N6.0 ISO	TM6BN6.0 ISO

## W-55° Whitworth Full Profile



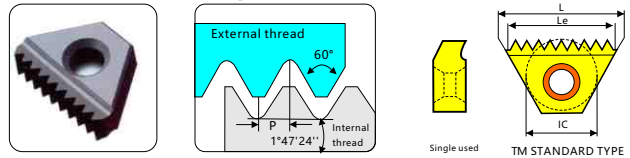
Pitch	Dimensions(mm)					
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28	Ext TM6.0E28 W	TM2E28 W				
28	Int	TM2N28 W				
26	Ext TM6.0E26 W	TM2E26 W	TM3E26 W			
26	Int	TM2N26 W	TM3N26 W			
24	Ext TM6.0E24 W	TM2E24 W	TM3E24 W	TM3BE24 W		
24	Int	TM2N24 W	TM3N24 W	TM3BN24 W		
20	Ext TM6.0E20 W	TM2E20 W	TM3E20 W	TM3BE20 W		
20	Int	TM2N20 W	TM3N20 W	TM3BN20 W		
19	Ext TM6.0E19 W	TM2E19 W	TM3E19 W	TM3BE19 W		
19	Int	TM2N19 W	TM3N19 W	TM3BN19 W		
18	Ext TM6.0E18 W	TM2E18 W	TM3E18 W	TM3BE18 W		
18	Int	TM2N18 W	TM3N18 W	TM3BN18 W		
16	Ext TM6.0E16 W	TM2E16 W	TM3E16 W	TM3BE16 W	TM5E16 W	
16	Int	TM2N16 W	TM3N16 W	TM3BN16 W	TM5N16 W	
14	Ext TM6.0E14 W	TM2E14 W	TM3E14 W	TM3BE14 W	TM5E14 W	
14	Int	TM2N14 W	TM3N14 W	TM3BN14 W	TM5N14 W	
12	Ext TM6.0E12 W	TM2E12 W	TM3E12 W	TM3BE12 W	TM5E12 W	
12	Int	TM2N12 W	TM3N12 W	TM3BN12 W	TM5N12 W	
11	Ext TM6.0E11 W	TM2E11 W	TM3E11 W	TM3BE11 W	TM5E11 W	6BE11 W
11	Int	TM2N11 W	TM3N11 W	TM3BN11 W	TM5N11 W	6BN11 W
10	Ext TM6.0E10 W	TM2E10 W	TM3E10 W	TM3BE10 W	TM5E10 W	
10	Int	TM2N10 W	TM3N10 W	TM3BN10 W	TM5N10 W	
9	Ext TM6.0E9 W	TM2E9 W	TM3E9 W	TM3BE9 W	TM5E9 W	
9	Int	TM2N9 W	TM3N9 W	TM3BN9 W	TM5N9 W	
8	Ext TM6.0E8 W	TM2E8 W	TM3E8 W	TM3BE8 W	TM5E8 W	
8	Int	TM2N8 W	TM3N8 W	TM3BN8 W	TM5N8 W	
7	Ext TM6.0E7 W	TM2E7 W	TM3E7 W	TM3BE7 W	TM5E7 W	
7	Int	TM2N7 W	TM3N7 W	TM3BN7 W	TM5N7 W	
6	Ext TM6.0E6 W	TM2E6 W	TM3E6 W	TM3BE6 W	TM5E6 W	TM6BE6 W
6	Int	TM2N6 W	TM3N6 W	TM3BN6 W	TM5N6 W	TM6BN6 W
5	Ext TM6.0E5 W	TM2E5 W	TM3E5 W	TM3BE5 W	TM5E5 W	TM6BE5 W
5	Int	TM2N5 W	TM3N5 W	TM3BN5 W	TM5N5 W	TM6BN5 W
4.5	Ext TM6.0E4.5 W	TM2E4.5 W	TM3E4.5 W	TM3BE4.5 W	TM5E4.5 W	TM6BE4.5 W
4.5	Int	TM2N4.5 W	TM3N4.5 W	TM3BN4.5 W	TM5N4.5 W	TM6BN4.5 W

## THREADING MILLING TOOLS UN-60° Standard Type Thread Milling Insert UN-60° American UN Full Profile



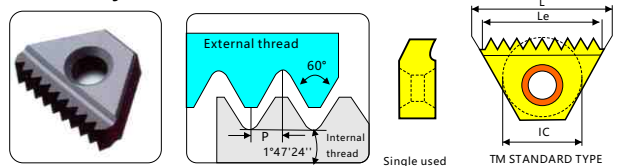
Pitch	Dimensions(mm)					
	L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
48	Ext TM6.0N48 UN					
48	Int		TM2N48 UN			
40	Ext TM6.0N40 UN					
40	Int		TM2N40 UN	TM3N40 UN		
32	Ext TM6.0N32 UN					
32	Int		TM2N32 UN	TM3N32 UN		
28	Ext TM6.0N28 UN					
28	Int		TM2N28 UN	TM3N28 UN		
27	Ext TM6.0N27 UN					
27	Int		TM2N27 UN	TM3N27 UN		
26	Ext TM6.0N26 UN					
26	Int		TM2N26 UN	TM3N26 UN		
24	Ext TM6.0N24 UN					
24	Int		TM2N24 UN	TM3N24 UN	TM3BN24 UN	TM5N24 UN
20	Ext TM6.0N20 UN					
20	Int		TM2N20 UN	TM3N20 UN	TM3BN20 UN	TM5N20 UN
18	Ext TM6.0N18 UN					
18	Int		TM2N18 UN	TM3N18 UN	TM3BN18 UN	TM5N18 UN
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16	Int		TM2N16 UN	TM3N16 UN	TM3BN16 UN	TM5N16 UN
14	Ext TM6.0N14 UN					
14	Int		TM2N14 UN	TM3N14 UN	TM3BN14 UN	TM5N14 UN
13	Ext TM6.0N13 UN					
13	Int		TM2N13 UN	TM3N13 UN	TM3BN13 UN	TM5N13 UN
12	Ext TM6.0N12 UN					
12	Int		TM2N12 UN	TM3N12 UN	TM3BN12 UN	TM5N12 UN
11.5	Ext TM6.0N11.5 UN					
11.5	Int		TM2N11.5 UN	TM3N11.5 UN		TM5N11.5 UN
11	Ext TM6.0N11 UN					
11	Int		TM2N11 UN	TM3N11 UN		TM5N11 UN
10	Ext TM6.0N10 UN					
10	Int		TM2N10 UN	TM3N10 UN		TM5N10 UN
9	Ext TM6.0N9 UN					
9	Int		TM2N9 UN	TM3N9 UN		TM5N9 UN
8	Ext TM6.0N8 UN					
8	Int		TM2N8 UN	TM3N8 UN		TM5N8 UN
7	Ext TM6.0N7 UN					
7	Int		TM2N7 UN	TM3N7 UN		TM5N7 UN
6	Ext TM6.0N6 UN					
6	Int		TM2N6 UN	TM3N6 UN		TM5N6 UN
5	Ext TM6.0N5 UN					
5	Int		TM2N5 UN	TM3N5 UN		TM5N5 UN
4.5	Ext TM6.0N4.5 UN					
4.5	Int		TM2N4.5 UN	TM3N4.5 UN		TM5N4.5 UN
4	Ext TM6.0N4 UN					
4	Int		TM2N4 UN	TM3N4 UN		TM5N4 UN

## NPT-60° National Pipe Threads



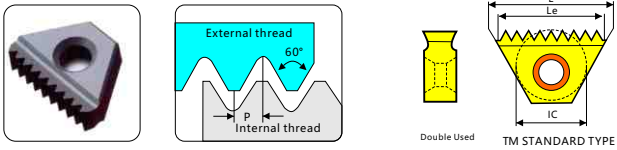
Pitch	Dimensions(mm)			
	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
18	TM3E18 NPT			
14	TM3B-14 NPT	TM3B-14 NPT		
11.5	TM3B-11.5 NPT	TM3B-11.5 NPT	TM5-11.5 NPTF	TM6B-11.5 NPT
8			TM5-8 NPTF	TM6B-8 NPT

## NPTF (Dry seal)



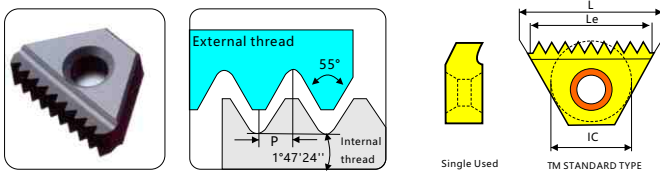
Pitch	Dimensions(mm)			
	L=16mm D=3/8"	L=22mm D=3/8"B	L=27mm D=5/8"	L=38.5mm D=3/4"B
14	TM3-14 NPTF	TM3B-14 NPTF		
11.5	TM3-11.5 NPTF	TM3B-11.5 NPTF	TM5-11.5 NPTF	TM6B-11.5 NPTF
8			TM5-8 NPTF	TM6B-8 NPTF

## UNJ Thread milling cutters for aerospace machinery UNJ Aviation Thread



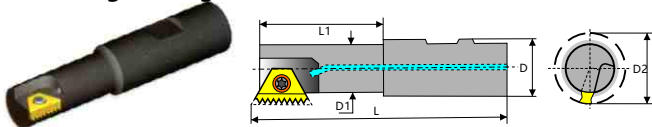
Pitch	Dimensions(mm)			
TPI	L=10.4mm D=6.0mm	L=11mm D=1/4"	L=16mm D=3/8"	L=27mm D=5/8"
24	Ext TM6.0N24 UNJ	TM2E24 UNJ	TM3E24 UNJ	
	Int	TM2N24 UNJ	TM3N24 UNJ	
20	Ext	TM2E20 UNJ	TM3E20 UNJ	
	Int	TM2N20 UNJ	R13N20 UNJ	
18	Ext		TM3E18 UNJ	
	Int	TM6.0N18 UNJ	TM2N18 UNJ	TM3N18 UNJ
16	Ext		TM2E16 UNJ	TM3E16 UNJ
	Int	TM6.0N18 UNJ	TM2N16 UNJ	TM3N16 UNJ
14	Ext		TM2E14 UNJ	TM3E14 UNJ
	Int		TM2N14 UNJ	TM3N14 UNJ
13	Ext		TM3E13 UNJ	
	Int		TM3N13 UNJ	
12	Ext		TM3E12 UNJ	TM5E12 UNJ
	Int		TM3N12 UNJ	TM5N12 UNJ
11	Ext		TM3E11 UNJ	TM5E11 UNJ
	Int		TM3N11 UNJ	TM5N11 UNJ

## BSPT Inch Standard Taper Pipe Thread Insert BSPT-55°



Pitch	Dimensions(mm)		
TPI	L=11mm D=1/4"	L=16mm D=3/8"	L=27mm D=5/8"
19	TM2-19 BSPT		
14		TM3-14 BSPT	
11		TM3-11 BSPT	TM5-11 BSPT

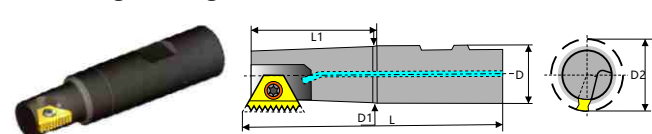
## Threading Milling Tool Holders



Ordering Code	Dimensions (mm)					Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
	L	L1	D	D1	D2					
STM6.0-C20 124/003	85	15	20	6.7	9	6.0****	M2.2X5	T7	605100	
STM2-C20 124/005	77	15.5	20	7.4	10	6.0****	M2.2X5	T7	605102	
STM2-C20 124/006	77	15.5	20	9	12	2****	M3X7	T8	605104	
STM2-C20 124/009	77	15.5	20	7.4	10	2****	M3X7	T8	605106	
STM3-C16 124/001	91	20.5	16	12.2	15.5	3****	M3.5X8	T15	605108	
STM4-C25 124/002	88	30	25	13.4	18	3****	M3.5X8	T15	605110	
STM4-C25 124/007	98	40	25	16	20	3B****	M3.5X8	T15	605112	
STM5-C25 124/004	98	40	25	19	25	3B****	M3.5X8	T15	605114	
STM5-C25 124/008	98	40	25	16.4	22	3B****	M3.5X8	T15	605116	

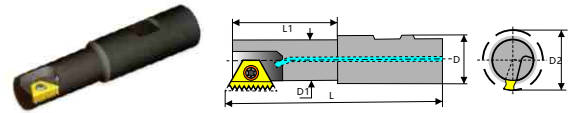
Price (RMB)

## Threading Milling Tool Holders



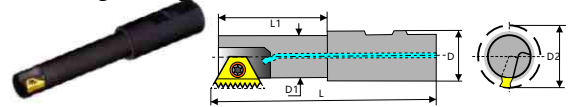
Right Hand	Left Hand	Dimensions (mm)					Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
		L	L1	D	D1	D2					
STMN3-C16	STMN3-C16 LH	125	17	25	8.9	11.5	2****	M3X7	T8	605200	
STMN3-C20	STMN3-C20 LH	125	25	25	18.6	22	3****	M3.5X8	T15	605202	
SBTMN3N-C16	SBTMN3N-C16 LH	125	63.5	25	18.6	22	3****	M3.5X8	T15	605204	
SBTMN3B-C20	SBTMN3B-C20 LH	96.5	44	20	15.5	19	3B****	M3.5X8	T15	605206	
SBTMN5-C32	SBTMN5-C32 LH	125	63.5	25	18.6	22	3B****	M3.5X8	T15	605208	

## Threading Milling Tool Holders



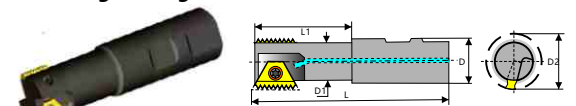
Ordering Code	Dimensions (mm)					Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
	L	L1	D	D1	D2					
STM6.0-C12	69	12	12	6.8	9	6.0****	M2.2X5	T7	605300	
STM6.0-C20	84	17	20	6.8	9	6.0****	M2.2X5	T7	605302	
STM2-C12	70	12	12	8.9	11.5	2****	M3X7	T9	605304	
STM2-C20	85	20	20	8.9	11.5	2****	M3X7	T8	605306	
STM3-C16	90	22	16	13.6	17	3****	M3.5X8	T15	605308	
STM3-C20	95	43	20	16.6	20	3****	M3.5X8	T15	605310	
SBTM3B-C16	79.5	29	16	13.5	17	3B****	M3.5X8	T15	605312	
SBTM3B-C20	81.5	29	20	15.5	19	3B****	M3.5X8	T15	605314	
SBTM3B-C25	92.3	30	25	15.5	19	3B****	M3.5X8	T15	605316	
SBTMW3B-C25	90.8	30	25	18.5	22	3B****	M3.5X8	T15	605318	
STM5-C25	110	52	25	24	30	5****	M5X14	T20	605320	
SBTM3-C25LH	110	52	25	24	30	5****	M5X14	T20	605322	
STM5-C32	120	58	32	31	37	5****	M5X14	T20	605324	
STM6B-C32	115	53	32	27	35	6B****	M7X15	T25	605326	
STM6B-C40	135	63	40	38	46	6B****	M7X15	T25	605328	

## Threading Milling Tool Holders



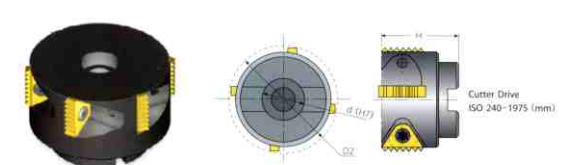
Ordering Code	Dimensions (mm)					Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
	L	L1	D	D1	D2					
STML2-C25	125	17	25	8.9	11.5	2****	M3X7	T8	605400	
STML3-C25	125	25	25	18.6	22	3****	M3.5X8	T15	605402	
SBTML3-C25	125	63.5	25	18.6	22	3****	M3.5X8	T15	605404	
SBTML3B-C20	96.5	44	20	15.5	19	3B****	M3.5X8	T15	605406	
SBTML3B-C25	125	63.5	25	18.6	22	3B****	M3.5X15	T15	605408	
STML5-C25	150	92	25	24	30	5****	M5X14	T20	605410	
STML5-C32	160	98	32	31	37	5****	M5X14	T20	605412	
STML6B-C40	165	93	40	38	46	6B****	M7X15	T25	605414	

## Threading Milling Tool Holders



Ordering Code	Dimensions (mm)					Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
	L	L1	D	D1	D2					
2STM2-C20	85	20	20	14.4	17	6.0****	M2.2X5	T7	605500	
2STM3-C25	100	43	25	22.5	26	6.0****	M2.2X5	T7	605502	
2SBTM3B-C25	104.2	46	25	22.5	26	2****	M3X7	T8	605504	
2STM5-C32	120	45	32	36	42	2****	M3X7	T8	605506	
2STM6B-C40	137.2	65	40	44	52	3****	M3.5X8	T15	605508	

## Threading Milling Tool Holders

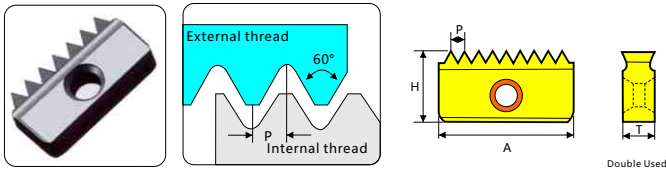


Ordering Code	No. of insert	Dimensions (mm)			Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
		D2	d(H7)	H					
SHTM2-D38-16	6	38	16	40	2****	M3X7	T8	605600	
SHTM2-D50-22	8	50	22	40	2****	M3X7	T8	605602	
SHTM3-D50-22	6	50	22	40	3****	M3.5X8	T15	605604	
SHTM3B-D63-22	6	63	22	40	3B****	M3.5X8	T15	605606	
SHTM5-D63-22	4	63	22	45	5****	M5X14	T20	605608	
SHTM6B-D63-22	4	63	22	50	6B****	M7X15	T25	605610	
SHTM5-D80-27	6	80	27	50	5****	M5X14	T20	605612	
SHTM6B-D80-27	5	80	27	50	6B****	M7X15	T25	605614	
SHTM5-D100-32	7	100	32	55	5****	M5X14	T20	605616	
SHTM6B-D100-32	6	100	32	55	6B****	M7X15	T25	605618	
SHTM5-D125-40	9	125	40	63	5****	M5X14	T20	605620	
SHTM6B-D125-40	8	125	40	63	6B****	M7X15	T25	605622	



## Thread Milling Tool THREADING MILLING TOOLS

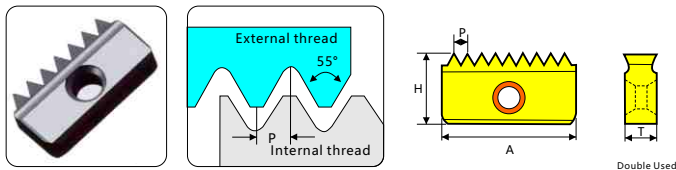
### ISO Standard Type Thread Insert



Pitch	Dimensions(mm)				
	12	14	21	30	40
0.5 Ext					
0.5 Int	*12 I 0.5 ISO	14 I 0.5 ISO			
0.75 Ext	*12 I 0.75 ISO	14 E 0.75 ISO			
0.75 Int	*12 I 1.0 ISO	14 I 0.75 ISO			
1.0 Ext	*12 I 1.25 ISO	14 E 1.0 ISO	21 E 1.0 ISO		
1.0 Int	*12 I 1.5 ISO	14 I 1.0 ISO	21 I 1.0 ISO		
1.25 Ext		14 E 1.25 ISO			
1.25 Int		14 I 1.25 ISO			
1.5 Ext		14 E 1.5 ISO	21 E 1.5 ISO	30 E 1.5 ISO	40 E 1.5 ISO
1.5 Int		14 I 1.5 ISO	21 I 1.5 ISO	30 I 1.5 ISO	40 I 1.5 ISO
1.75 Ext		14 E 1.75 ISO			
1.75 Int		14 I 1.75 ISO	21 I 1.75 ISO		
2.0 Ext		14 E 2.0 ISO	21 E 2.0 ISO	30 E 2.0 ISO	40 E 2.0 ISO
2.0 Int		14 I 2.0 ISO	21 I 2.0 ISO	30 I 2.0 ISO	40 I 2.0 ISO
2.5 Ext		14 E 2.5 ISO	21 E 2.5 ISO		
2.5 Int		14 I 2.5 ISO	21 I 2.5 ISO		
3.0 Ext			21 E 3.0 ISO	30 E 3.0 ISO	40 E 3.0 ISO
3.0 Int			21 I 3.0 ISO	30 I 3.0 ISO	40 I 3.0 ISO
3.5 Ext				30 E 3.5 ISO	
3.5 Int			21 I 3.5 ISO	30 I 3.5 ISO	40 I 3.5 ISO
4.0 Ext				30 E 4.0 ISO	40 E 4.0 ISO
4.0 Int				30 I 4.0 ISO	40 I 4.0 ISO
4.5 Ext					
4.5 Int				30 I 4.5 ISO	40 I 4.5 ISO
5.0 Ext					40 E 5.0 ISO
5.0 Int				30 I 5.0 ISO	40 I 5.0 ISO
5.5 Ext					
5.5 Int					40 E 5.5 ISO
6.0 Ext					40 E 6.0 ISO
6.0 Int					
H	6.3	7.5	12	16	20
T	2.9	3.1	4.7	5.5	6.3

\*One cutting edge  
Order example: 14 I 1.5 ISO MT7

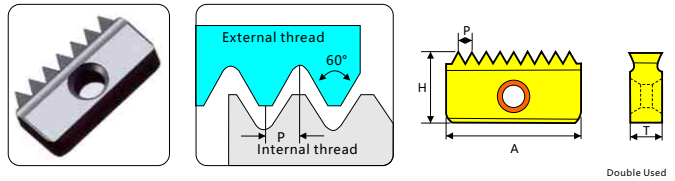
### W-55° Inch Thread Insert BSW,BSF,BSP



Pitch	Dimensions(mm)					
	tpi	12	14	21	30	40
24			14-24 W			
20			14-20 W	21 20 W		
19	*12-19 W	14-19 W	21-19 W			
16		14-16 W	21-16 W	30-16 W		
14		14-14 W	21-14 W	30-14 W		
11		14-11 W	21-11 W	30-11 W	40-11 W	
8					40-8W	
H	6.3	7.5	12	16	20	
T	2.9	3.1	4.7	5.5	6.3	

\*One cutting edge  
Order example: 21-11 W MT7

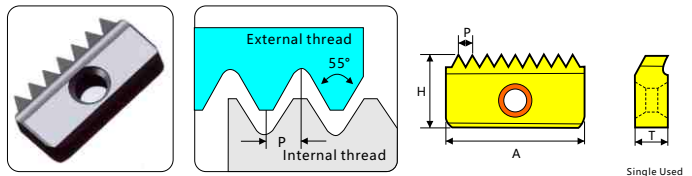
### UN-60°-Standard Thread Insert UN,UNC,UNF,UNEF,UNS



Pitch	Dimensions(mm)					
	tpi	12	14	21	30	40
32 Ext			14 E 32 UN			
32 Int	*12 I 32 UN	14 I 32 UN				
28 Ext			14 E 28 UN			
28 Int	*12 I 28 UN	14 I 28 UN				
27 Ext						
27 Int		14 I 27 UN				
24 Ext		14 E 24 UN	21 E 24 UN			
24 Int	*12 I 24 UN	14 I 24 UN	21 I 24 UN			
20 Ext		14 E 20 UN	21 E 20 UN	30 E 20 UN		
20 Int	*12 I 20 UN	14 I 20 UN	21 I 20 UN	30 I 20 UN		
18 Ext		14 E 18 UN	21 E 18 UN	30 E 18 UN		
18 Int	*12 I 18 UN	14 I 18 UN	21 I 18 UN	30 I 18 UN		
16 Ext		14 E 16 UN	21 E 16 UN	30 E 16 UN	40 E 16 UN	
16 Int	*12 I 16 UN	14 I 16 UN	21 I 16 UN	30 I 16 UN	40 I 16 UN	
14 Ext		14 E 14 UN	21 E 14 UN	30 E 14 UN	40 E 14 UN	
14 Int		14 I 14 UN	21 I 14 LIN	30 I 14 UN	40 I 14 UN	
12 Ext		14 E 12 UN	21 E 12 UN	30 E 12 UN	40 E 12 UN	
12 Int		14 I 12 UN	21 I 12 UN	30 I 12 UN	40 I 12 UN	
11 Ext						
11 Int		14 I 11 UN				
10 Ext			21 E 10 UN	30 E 10 UN	40 E 10 UN	
10 Int		14 I 10 UN	21 I 10 UN	30 I 10 UN	40 I 10 UN	
9 Ext				30 E 8 UN	40 E 8 UN	
8 Int			21 I 8 UN	30 I 8 UN	40 I 8 UN	
7 Ext						
7 Int			21 I 7 UN			
6 Ext				30 E 6 UN	40 E 6 UN	
6 Int				30 I 6 UN	40 I 6 UN	
5 Ext						
5 Int				30 I 5 UN		
4.5 Ext						
4.5 Int						40 I 4.5 UN
4 Ext						
4 Int						40 I 4 UN
H	6.3	7.5	12	16	20	
T	2.9	3.1	4.7	5.5	6.3	

\*One cutting edge  
Order example: 21 E 18 UN MT7

### BSPT-55° Inch Standard Taper Pipe Thread Insert

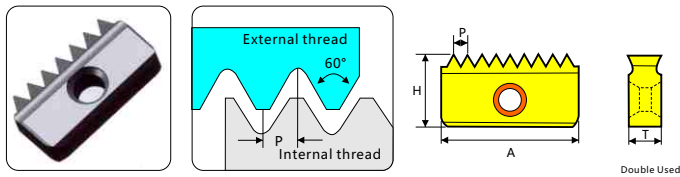


Pitch	Dimensions(mm)					
	tpi	12	14	21	30	40
19	12-19 BSPT		14-19 BSPT			
14			14-14 BSPT	21-14 BSPT		
11				21-11 BSPT	30-11 BSPT	40-11 BSPT
H	6.3	7.5	12	16	20	
T	2.9	3.1	4.7	5.5	6.3	

Order example: 14-19 BSPT MT7  
For conical preparation end mills see page 121

# Machine Clip Thread Milling

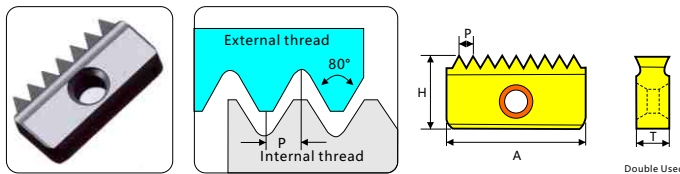
## NPT-60° U.S. Standard Taper Pipe Thread Insert



Pitch	Dimensions(mm)				
tpi	12	14	21	30	40
18	12-18 NPT	14-18 NPT			
14		14-14 NPT	21-14 NPT		
11.5			21-11.5 NPT	30-11.5 NPT	40-11.5 NPT
8				30-8 NPT	40-8 NPT
H	6.3	7.5	12	16	20
T	2.9	3.1	4.7	5.5	6.3

Order example: 30-11.5 NPT M7

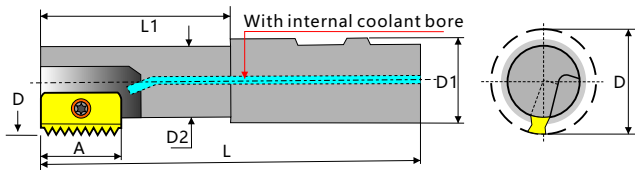
## PG Thread Insert PG-DIN 40430



Pitch	Dimensions(mm)		
tpi	14	21	30
18	14-18 PG (PG 9, 11, 13.5, 16)	21-18 PG (PG 16)	
16		21-16 PG (PG 21, 29, 36, 42, 48)	30-16 PG (PG 36, 42, 48)
H	7.5	12	16
T	3.1	4.7	5.5

Order example: 21-18 PG M7

## Single edge thread milling cutter single insert toolholders



Type	Dimensions (mm)						Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
Ordering Code	A	D	D1	D2	L	L1					
SR0009H12	12	9.5	20	7.5	85	14	12****	M2.5X7	T8	607100	
* SRO010H12	12	9.9	20	7.6	85	16	12****	M2.5X7	T8	607102	
SR0012F14	14	12.0	20	8.9	75	20	14****	M3X8	T8	607104	
SR0014H14	14	14.5	20	11.2	85	25	14****	M3X8	T8	607106	
SR0017H14	14	17.0	20	13.4	85	30	14****	M3X8	T8	607108	
**SR0018H21	21	18.0	20	14.4	85	30	21****	M3.5X8	T15	607110	
SR0021H21	21	21.0	20	16.5	94	40	21****	M3.5X8	T15	607112	
SR0029J30	30	29.0	25	22.4	110	50	30****	M4X10	T15	607114	
SR0048M40	40	48.0	40	35.0	153	78	40****	M5X14	T20	607116	

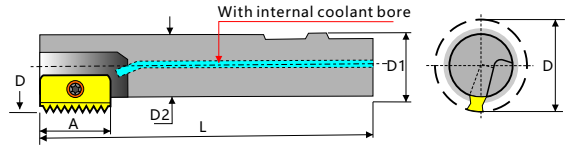
Order example: SR0029J30

\*For conic inserts: 12-18 NPT, 12-18 NPTF, 12-19 BSPT

\*\* Cannot be used with the following inserts:

21 1 3.5 ISO, 21 1 8 UN, 21 1 7 UN, 21-11 BSPT, 21-11.5 NPT, 21-11.5 NPTF

## Single edge thread milling cutter (Lengthened type) single insert toolholders (long shank)

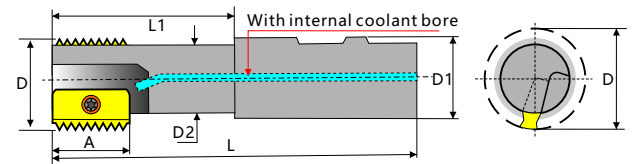


Type	Dimensions (mm)				Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
Ordering Code	A	D	D1	L					
SR0025K21	21	25	20	125	21****	M3.5X8	T15	607200	
SR0031M30	30	31	25	150	30****	M4X10	T15	607202	
SR0038M30	30	38	32	150	30****	M4X10	T15	607204	
SR0048R40	40	48	40	210	40****	M5X14	T20	607206	

Order example: SR0031M30

For holders with long overhang reduce the cutting speed and feed rate between 20% to 40% (depends on workpiece material, pitch and overhang)

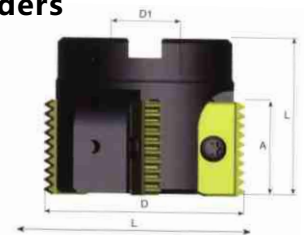
## Double thread milling cutter Twin insert toolholders



Type	Dimensions (mm)						Insert	No. of Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
Ordering Code	A	D	D1	D2	L	L1						
SR0020H14-2	14	20	20	16	93	41	14****	2	M3X7	T8	607300	
SR0030J21-2	21	30	25	24	108	52	21****	2	M3.5X8	T15	607302	
SR0040L30-2	30	40	32	30	130	70	30****	2	M4X10	T15	607304	
SR0050M40-2	40	50	40	38	153	78	40****	2	M5X14	T20	607306	

Order example: SR0030J21-2

## multi Insert Toolholders

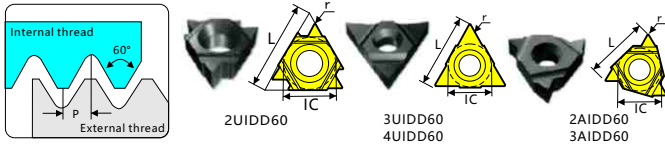


Type	Dimensions (mm)				Insert	Insert Screw	Torx Key	Order Number	Price (RMB)
Ordering Code	A	D	D1	L					
SR0063C21-5	21	63	22	50	21****	M3.5X7	T15	607400	
SR0063C30-4	30	63	22	50	30****	M4X10	T15	607402	
SR0080D30-4	30	80	27	55	30****	M4X10	T15	607404	
SR0100D30-4	30	100	32	60	30****	M4X10	T15	607406	
SR0080D40-4	40	80	27	65	40****	M5X14	T20	607408	
SR0100E40-4	40	100	32	70	40****	M5X14	T20	607410	

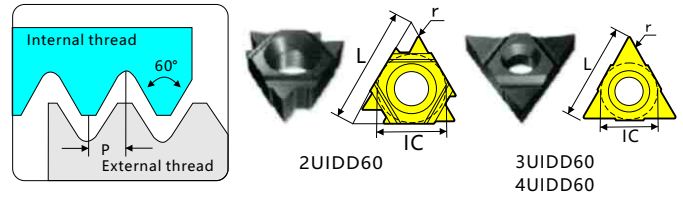
Order example: SR0080D30-4

# Thread Milling System

## Thread Milling Tool **THREADING MILLING TOOLS** 60° Deep hole machining Thread milling insert Thread Mill for Deep Holes



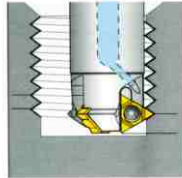
## 60° Deep hole machining Thread milling insert Thread Mill for Deep Holes



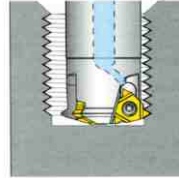
Type	Material Code			Pitch Of Screw		Dimensions (mm)			Bar
Ordering Code	ZK 110	ZM 623	ZM 622	mm	tpi	IC	L	r	toolholder
2UIDA60	TM***	○	○	0.5-1.5	48-16	1/4"	11		TM.SC***2U
2UIOB60	TM***	○	○	1.5-2.0	16-12				CTM.SC*2U
2UIDD60	TM***	○	○	2.0-2.5	9-12				CTM2SC 14C17-65-2U
2UIDM60	TM***	○	○	2.5	10				
2UIDC60	TM***	○	●	2.5-4.0	10-6			TM.SC***2U	CTM.SC***2U
3UIDB60	TM***	○	○	1.5-2.0	16-12	3/8"	16		
3UIOE60	TM***	○	○	2.5-3.5	10-7				
3UIDH60	TM***	○	○	4.0-6.0	6-4				TM.SC***3U
4UIDX60	TM***	○	○	6.0-8.0	4-3	1/2"	22		TM.SC D***4U
2AIDP60	TW***	○	○	1.5-3.0	16-8	1/4"	11		TM.SC***2A
3AIDT60	TM***	○	○	2.0-4.0	12-6	3/8"	16		TM.SC***3A

Type	Material Code			Pitch Of Screw		Dimensions (mm)			Bar
Ordering Code	ZK 110	ZM 623	ZM 622	mm	tpi	IC	L	r	toolholder
2UIDA60	TM***	○	○	0.5-1.5	48-16	1/4"	11		TM.SC***2U
2UIOB60	TM***	○	○	1.5-2.0	16-12				CTM.SC*2U
2UIDD60	TM***	○	○	2.0-2.5	9-12				CTM2SC 14C17-65-2U
2UIDM60	TM***	○	○	2.5	10				
2UIDC60	TM***	○	●	2.5-4.0	10-6			TM.SC***2U	CTM.SC***2U
3UIDB60	TM***	○	○	1.5-2.0	16-12	3/8"	16		
3UIOE60	TM***	○	○	2.5-3.5	10-7				
3UIDH60	TM***	○	○	4.0-6.0	6-4				TM.SC***3U
4UIDX60	TM***	○	○	6.0-8.0	4-3	1/2"	22		TM.SC D***4U
2AIDP60	TW***	○	○	1.5-3.0	16-8	1/4"	11		TM.SC***2A
3AIDT60	TM***	○	○	2.0-4.0	12-6	3/8"	16		TM.SC***3A

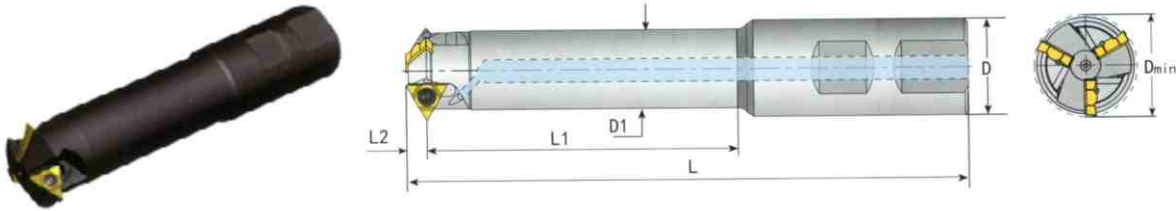
U Type for Max Pitch Of Screw for large pitches



A Type for Small Pitch Of Screw As well as the short slot for short pitches

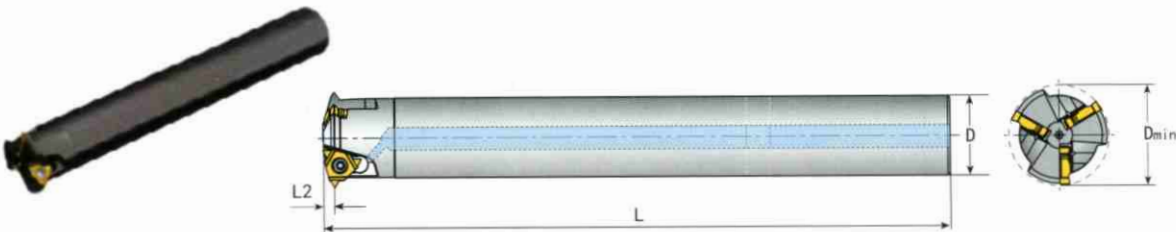


## Deep hole machining Thread Milling cutter (type U) Thread Milling holder For Deep Holes



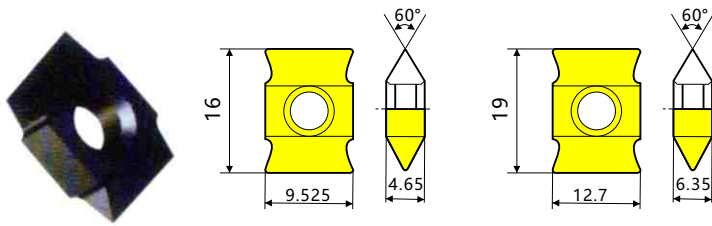
Type	Dimensions (mm)						No. of Insert	Insert	Insert Screw	Torx Key	Order Number	(RMB) Price
Ordering Code	L	L1	L2	D	D1	Dmin						
TMISC 16W15-40-2U	95	40	5.4	16	11	14.75*	1	2UID***	L60M2.5X6	T8	609100	
TM2SC 25W21-60-2U	123	60		25	16	20.65*	2				609102	
TM2SC 25W23-70-2U	135	70		25	17.7	23	3				609104	
TM3SC 25W26-80-2U	147	80		25	20.4	26	3				609106	
TM4SC 32W31-95-2U	164	95	8.0	32	25.7	31	4	3UID***	L60M3.5X10	T15	609108	
TM3SC 32W36-95-3U	166	95		32	29	36.5	3				609110	
TM4SC 40W42-120-3U	201	120		40	34.2	42	4				609112	

## Deep hole machining Thread Milling cutter (type A) Thread Milling holder for Deep Holes



Type	Dimensions (mm)				No. of Insert	Insert	Insert Screw	Torx Key	Order Number	(RMB) Price
Ordering Code	L	L2	D	Dmin						
TM3SC 20C26-105-2A	105	3.0	20	26	3	2UID***	L60M2.5X6	T8	609200	
TM3SC 28C35-144-3A	144	4.0	28	35	3	3UID***	L60M3.5X8	T15	609202	

## Whirlwind milling Thread Insert Partial Profile Thread Milling Inserts

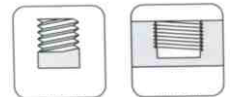
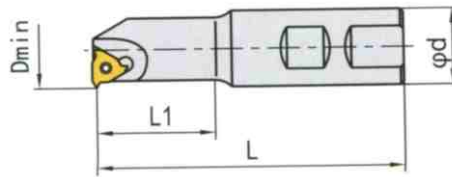


Name	Insert Type	Material Code		
		ZK 110	ZM 623	ZM 622
60° Thread Insert Partial Profile 60°	SV1906		○	●
60° Thread Insert Partial Profile 60°	SV1604		○	●

● Stock standard(main)      ○ Stock standard

Ordering example:SV1604 DM215 10pcs

## Single thread milling cutter Indexable Threading Mills



Type	Dimensions (mm)				Insert	Insert Screw	Torx Key	Order NUmber	(RMB) Price
Ordering Code	Dmin	φd	L1	L					
SMT12-12F11	12	12	25	80	11NR***	L60M 2.5X6	T-08	609300	
SMT18-20K16	18	20	40	125	16NR**	L60M 3.5X8	T-15	609302	
SMT25-25M16	25	25	65	150	16NR***	L60M 3.5X8	T-15	609304	
SMT35-32S22	35	32	110	250	22NR***	L60M 4.5X12	T-20	609306	

● Ordering example: 1pc, SMT18-20Kie External thread : 16NR\*\*\*\*  
Internal thread : 16NT\*\*\*\*

Insert information: Extremalthreading inserts: 16NR \*\*\*\*  
Intemal treading inserts: 16NR \*\*\*\*

### Milling Ways for External thread

Right Hand-R  
CW.Feed and Milling  
Insert:16NR\*\*\*\*

Left Hand-L  
CCW.Feed and Milling  
Insert:16NR\*\*\*\*

Right Hand-R  
CW.Feed and CCW Milling  
Insert:16NR\*\*\*\*

Left Hand-L  
CW.Feed and CW Milling  
Insert:16NR\*\*\*\*

### Milling Ways Internal Thread

Right Hand-R  
CW.Feed and Milling  
Insert:16NR\*\*\*\*

Left Hand-L  
CCW.Feed and Milling  
Insert:16NR\*\*\*\*

Right Hand-R  
CW.Feed and CCW Milling  
Insert:16NR\*\*\*\*

Left Hand-L  
CW.Feed and CW Milling  
Insert:16NR\*\*\*\*