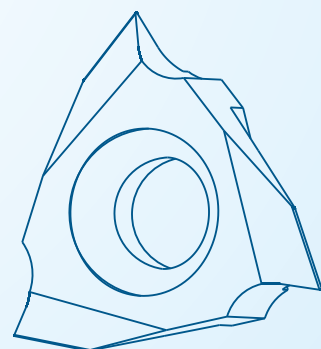
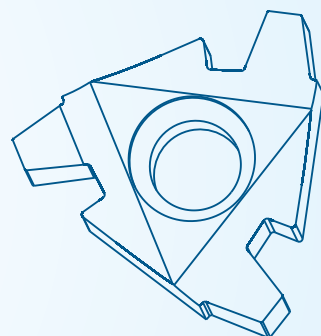
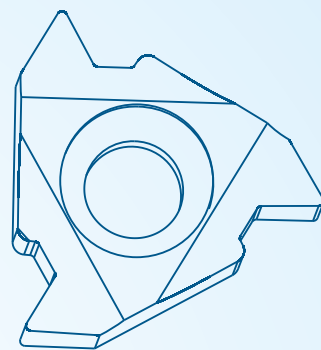




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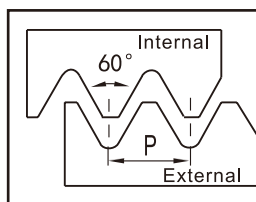
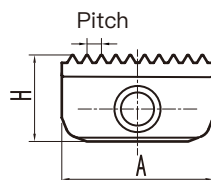
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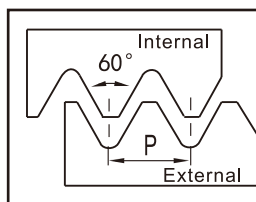
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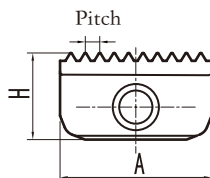
刀片 Insert	内螺纹刀片 internal	外螺纹刀片 external	螺距 pitch mm	WMS215		WNS010		A	H	T	刀杆 Toolholder
				N	E	N	E				
 SINGLE SIDE USE	12N0.5ISO		0.5	●		○		12	6	2.38	SR00**12
	12N0.75ISO		0.75	●		○					
	12N1.0ISO		1.0	●		●					
	12N1.25ISO		1.25	●		○					
	12N1.5ISO		1.5	●		●					
 DOUBLE-SIDE USE	14N0.5ISO	14E0.5ISO	0.5	●	●	○		14	7.5	3.1	SR00**14 SR00**14-2
	14N0.75ISO	14E0.75ISO	0.75	●	●	○					
	14N1.0ISO	14E1.0ISO	1.0	●	●	●					
	14N1.25ISO	14E1.25ISO	1.25	●	●	○					
	14N1.5ISO	14E1.5ISO	1.5	●	●	●					
	14N2.0ISO	14E2.0ISO	2.0	●	●	●		21	12	4.7	SR00**21 SR00**21-2 SR00**21-5
	14N2.5ISO	14E2.5ISO	2.5	●	●	●					
	21N1.0ISO	21E1.0ISO	1.0	●	●	○					
	21N1.5ISO	21E1.5ISO	1.5	●	●	●					
	21N1.75ISO	21E1.75ISO	1.75	●	○	○					
	21N2.0ISO	21E2.0ISO	2.0	●	●	●		30	16	5.5	SR00**30 SR00**30-2 SR00**30-4
	21N2.5ISO	21E2.5ISO	2.5	●	●	●					
	21N3.0ISO	21E3.0ISO	3.0	●	●	●					
	21N3.5ISO		3.5	●		○					
	30N1.5ISO	30E1.5ISO	1.5	●	●	○					
	30N2.0ISO	30E2.0ISO	2.0	●	●	○		40	20	6.3	SR00**40 SR00**40-2 SR00**40-4
	30N2.5ISO	30E2.5ISO	2.5	●	●	○					
	30N3.0ISO	30E3.0ISO	3.0	●	●	○					
	30N3.5ISO	30E3.5ISO	3.5	●	○	○					
	30N4.0ISO	30E4.0ISO	4.0	●	○	○					
	30N4.5ISO		4.5	●		○		40	20	6.3	SR00**40 SR00**40-2 SR00**40-4
	30N5.0ISO		5.0	●	○	○					
	40N1.5ISO	40E1.5ISO	1.5	●	○	○					
	40N2.0ISO	40E2.0ISO	2.0	●	○	○					
	40N3.0ISO	40E3.0ISO	3.0	●		○					
	40N3.5ISO		3.5	●	○	○					
	40N4.0ISO	40E4.0ISO	4.0	●		○					
	40N4.5ISO		4.5	●	○	○					
	40N5.0ISO	40E5.0ISO	5.0	●		○		40	20	6.3	SR00**40 SR00**40-2 SR00**40-4
	40N5.5ISO		5.5	●		○					
	40N6.0ISO		6.0	●							

● Standard stock ○ Order production

American UN-60°



ISO 68
GB/T 20667-20670



双面使用
DOUBLE-SIDE USE

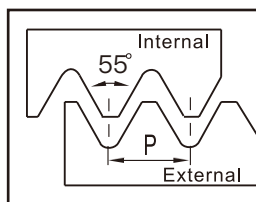


单面使用
SINGLE SIDE USE

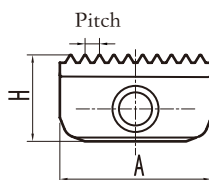
刀片 Insert	内螺纹刀片 internal	外螺纹刀片 external	螺距 pitch mm	WMS215		WNS010		A	H	T	刀杆 Toolholder
				N	E	N	E				
 SINGLE SIDE USE	12N32UN		32	○		○		12	6	2.38	SR00**12
	12N28UN		28	○		○					
	12N24UN		24	○		○					
	12N20UN		20	○		○					
	12N18UN		18	●		○					
	12N16UN		16	○		○					
	14N32UN	14E32UN	32	○		○		14	7.5	3.1	SR00**14 SR00**14-2
	14N28UN		28	○		○					
	14N27UN		27	○		○					
	14N24UN	14E24UN	24	●	○	○					
	14N20UN	14E20UN	20	●	○	○					
	14N18UN	14E18UN	18	●	○	○					
	14N16UN	14E16UN	16	●	○	○					
	14N14UN	14E14UN	14	●	○	○					
	14N12UN	14E12UN	12	●	○	○					
	14N11UN		11	○		○					
	14N10UN		10	○		○					
 DOUBLE-SIDE USE	21N24UN	21E24UN	24	●	○	○		21	12	4.7	SR00**21 SR00**21-2 SR00**21-5
	21N20UN	21E20UN	20	●	○	○					
	21N18UN	21E18UN	18	●	○	○					
	21N16UN	21E16UN	16	●	○	○					
	21N14UN	21E14UN	14	●	○	○					
	21N12UN	21E12UN	12	●	○	○					
	21N10UN	21E10UN	10	●	○	○					
	21N8UN		8	●		○					
	21N7UN		7	●		○					
	30N20UN	30E20UN	20	○	○	○		30	16	5.5	SR00**30 SR00**30-2 SR00**30-4
	30N18UN	30E18UN	18	○	○	○					
	30N16UN	30E16UN	16	○	○	○					
	30N14UN	30E14UN	14	○	○	○					
	30N12UN	30E12UN	12	○	○	○					
	30N10UN	30E10UN	10	○	○	○					
	30N8UN	30E8UN	8	●	○	○					
	30N6UN	30E6UN	6	○	○	○					
	30N5UN	30E5UN	5	○	○	○					
	40N16UN	40E16UN	16	○	○	○		40	20	6.3	SR00**40 SR00**40-2 SR00**40-4
	40N14UN	40E14UN	14	○	○	○					
	40N12UN	40E12UN	12	○	○	○					
	40N10UN	40E10UN	10	○	○	○					
	40N8UN	40E8UN	8	●	○	○					
	40N6UN	40E6UN	6	○	○	○					
	40N4.5UN		4.5	○		○					
	40N4UN		4	○		○					

● Standard stock ○ Order production

Whitworth W-55°



BS 84
GB/T 7307



双面使用
DOUBLE-SIDE USE

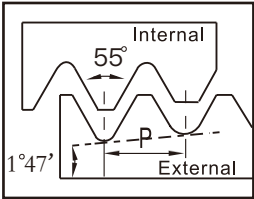


单面使用
SINGLE SIDE USE

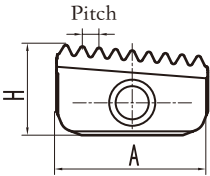
刀片 Insert		螺距 pitch mm	WMS215		WNS010		A	H	T	刀杆 Toolholder
			N	E	N	E				
单面使用 SINGLE SIDE USE	12-19W	19	●	○			12	6	2.38	SR00**12
 DOUBLE-SIDE USE	14-24W	24	●	○			14	7.5	3.1	SR00**14 SR00**14-2
	14-20W	20	●	○						
	14-19W	19	●	○						
	14-16W	16	●	○						
	14-14W	14	●	○						
	14-11W	11	●	○						
	21-20W	20	○	○			21	12	4.7	SR00**21 SR00**21-2 SR0063C21-5
	21-19W	19	●	○						
	21-16W	16	●	○						
	21-14W	14	●	○						
	21-11W	11	●	○						
	30-16W	16	○	○			30	16	5.5	SR00**30 SR00**30-2 SR00**30-4
	30-14W	14	○	○						
	30-11W	11	●	○						
	40-11W	11	●	○			40	20	6.3	SR00**40 SR00**40-2 SR00**40-4
	40-8W	8	○	○						

● Standard stock ○ Order production

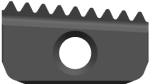
BSPT-55°



BS21
GB/T 7306.1-7306.2

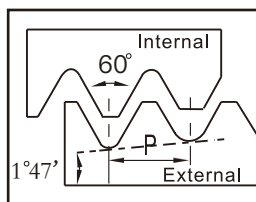


单面使用
SINGLE SIDE USE

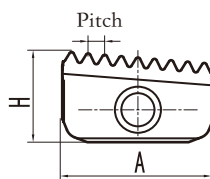
刀片 Insert		螺距 pitch mm	WMS215		WNS010		A	H	T	刀杆 Toolholder
			N	E	N	E				
 SINGLE SIDE USE	12-19BSPT	19	○		○		12	6	2.38	SR00**12
	14-19BSPT	19	●		○		14	7.5	3.1	SR00**14
	14-14BSPT	14	●		○					SR00**14-2
	21-14BSPT	14	●		○		21	12	4.7	SR00**21
	21-11BSPT	11	●		○					SR00**21-2 SR0063C21-5
	30-11BSPT	11	●		○		30	16	5.5	SR00**30 SR00**30-2 SR00**30-4
	40-11BSPT	11					40	20	6.3	SR00**40 SR00**40-2 SR00**40-4

● Standard stock ○ Order production

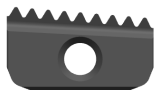
NPT-60°



ASME B.20.1
GB/T 12716

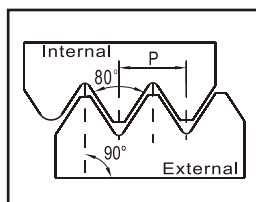


单面使用
SINGLE SIDE USE

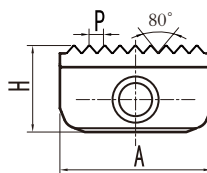
刀片 Insert		螺距 pitch mm	WMS215		WNS010		A	H	T	刀杆 Toolholder
			N	E	N	E				
 SINGLE SIDE USE	12-18NPT	18	○		○		12	6	2.38	SR00**12
	14-18NPT	18	●		○		14	7.5	3.1	SR00**14 SR00**14-2
	14-14NPT	14	●		○					
	21-14NPT	14	●		○		21	12	4.7	SR00**21 SR00**21-2 SR0063C21-5)
	21-11.5NPT	11.5	●		○					
	30-11.5NPT	11.5	●		○		30	16	5.5	SR00**30 SR00**30-2 SR00**30-4
	30-8NPT	8	●		○					
	40-11.5NPT	11.5					40	20	6.3	SR00**40 SR00**40-2 SR00**40-4
	40-8NPT	8								

● Standard stock ○ Order production

Pg-80°



DIN40430

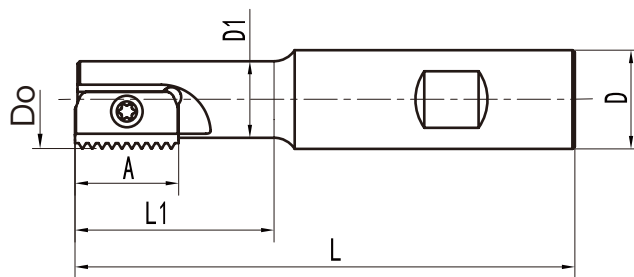
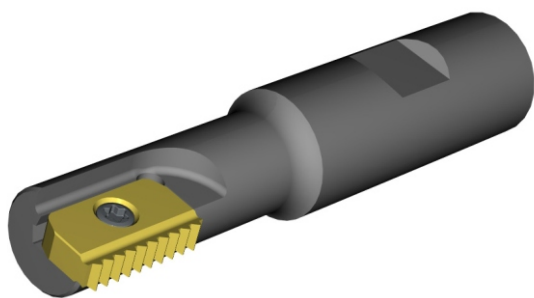


双面使用
DOUBLE-SIDE USE

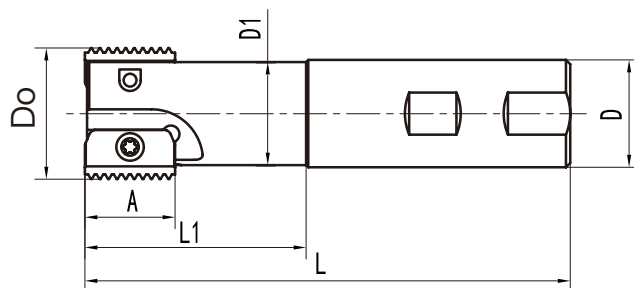
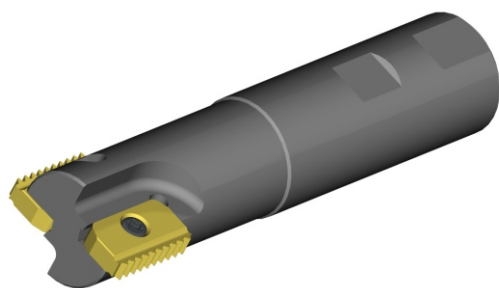
刀片 Insert		螺距 pitch mm	WMS215		WNS010		A	H	T	刀杆 Toolholder
			N	E	N	E				
	14-18Pg	18	●				14	7.5	3.1	SR00**14 SR00**14-2
	21-18Pg	18					21	12	4.7	SR00**21 SR00**21-2
	21-16Pg	16	●							SR0063C21-5
	30-16Pg	16					30	16	5.5	SR00**30 SR00**30-2 SR00**30-4

● Standard stock ○ Order production

Thread milling cutter

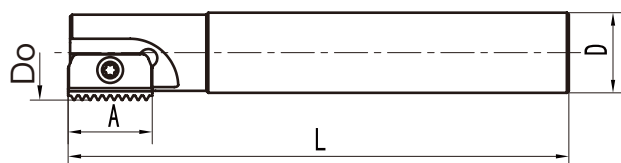
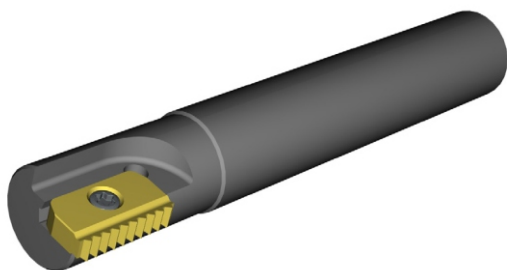


刀杆型号 Toolholder model	刀片型号 Insert model	Do	L1	D	D1	L	A	螺钉 Screw	扳手 Wrench
SR0010H12	12N**	9.5	20	16	7.6	85	12	L60M2.5*6*D3.5	T-8
SR0012F14	14N/E**	12	23	20	8.9	80	14	L60M3*6*D4	T-10
SR0014H14		14.5	26	20	11.2	85	14	L60M3*8*D4	T-10
SR0017H14		17	35	20	13.4	85	14	L60M3*8*D4	T-10
SR0018H21	21N/E**	18	35	20	13.8	85	21	L60M3.5*8*D5.3	T-15
SR0021H21		21	44	20	15.5	94	21	L60M3.5*10*D5.3	T-15
SR0029J30	30N/E**	29	52	25	22	110	30	L60M4*0.5*11.5*D7	T-15
SR0048M40	40N/E**	48	83	40	35	153	40	L60M5*14*D6.6	T-20



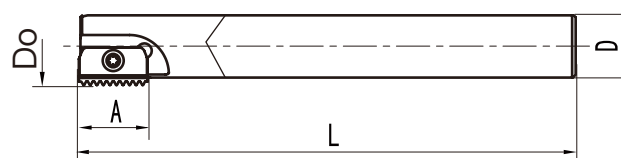
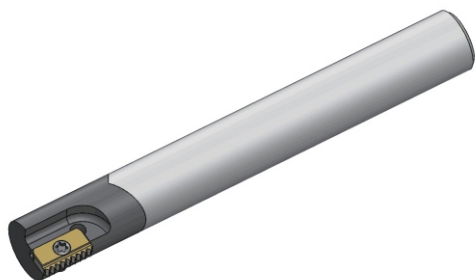
刀杆型号 Toolholder model	刀片型号 Insert model	刃数 No. of Insert	Do	L1	D	D1	L	A	螺钉 Screw	扳手 Wrench
SR0020G14-2	14N/E**	2	20	37	20	16	93	14	L60M3*8*D4	T-10
SR0020J14-2		2	20	57	20	16	113	14	L60M3*8*D4	T-10
SR0030J21-2	21N/E**	2	30	52	25	24	113	21	L60M3.5*10*D5.3	T-15
SR0030L21-2		2	30	80	25	24	140	21	L60M3.5*10*D5.3	T-15
SR0040L30-2	30N/E**	2	40	70	32	30	135	30	L60M4*0.5*11.5*D7	T-15
SR0040P30-2		2	40	103	32	30	170	30	L60M4*0.5*11.5*D7	T-15
SR0050M40-2	40N/E**	2	50	80	40	38	153	40	L60M5*14*D6.6	T-20

Thread milling cutter



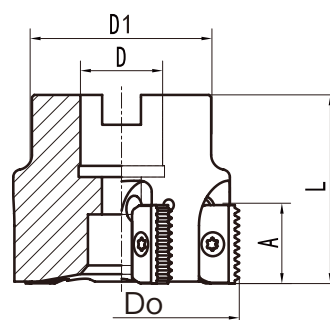
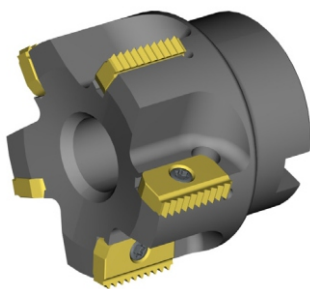
刀杆型号 Toolholder model	刀片型号 Insert model	Do	D	L	A	螺钉 Screw	扳手 Wrench
SR0025K21	21N/E**	25	20	125	21	L60M3.5*10*D5.3	T-15
SR0031M30	30N/E**	31	25	150	30	L60M4*0.5*11.5*D7	T-15
SR0038M30		38	32	150	30	L60M4*0.5*11.5*D7	T-15
SR0038Q40	40N/E**	38	32	180	40	L60M5*14*D6.6	T-20
SR0048R40		48	40	210	40	L60M5*14*D6.6	T-20

Carbide toolholders



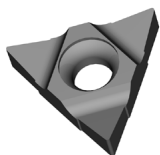
刀杆型号 Toolholder model	刀片型号 Insert model	Do	D	L	A	螺钉 Screw	扳手 Wrench
SR0010K12-WH	12N**	9.9	8	125	12	L60M2.5*6*D3.5	T-8
SR0013J14-WH	14N**	13.2	10	110	14	L60M3*8*D4	T-10
SR0013M14-WH		13.2	10	150	14	L60M3*8*D4	T-10
SR0015P14-WH		15.2	12	175	14	L60M3*8*D4	T-10
SR0021R21-WH	21N**	21.0	16	200	21	L60M3.5*10*D5.5	T-15
SR0027Q30-WH	30N/E**	27.0	20	180	30	L60M4*0.5*11.5*D7	T-15
SR0027S30-WH		27.0	20	270	30	L60M4*0.5*11.5*D7	T-15

Thread milling cutter



刀杆型号 Toolholder model	刀片型号 Insert model	刃数 No. of Insert	Do	D	D1	L	A	螺钉 Screw	扳手 Wrench
SR0063C21-5	21N/E**	5	63	22	48	50	21	L60M3.5*8*D5.3	T-15
SR0063C30-4	30N/E**	4	63	22	48	50	30	L60M4*0.5*11*D7	T-15
SR0080D30-4		4	80	27	60	55	30	L60M4*0.5*11*D7	T-15
SR0100D30-4		4	100	32	78	60	30	L60M4*0.5*11*D7	T-15
SR0080D40-4	40N/E**	4	80	27	60	65	40	L60M5*14*D6.6	T-20
SR0100E40-4		4	100	32	78	70	40	L60M5*14*D6.6	T-20

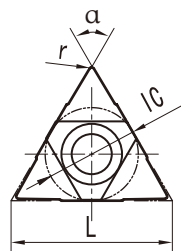
Partial profile U-style



Grinding insert



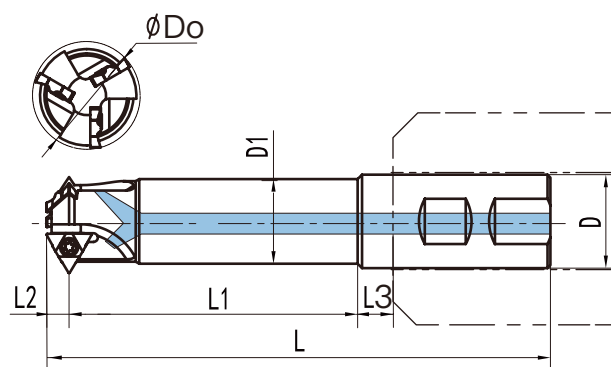
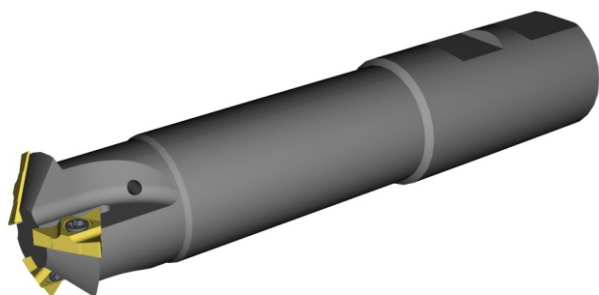
Molding insert



刀片 Insert	牙型角度 Tooth angle α	螺距 pitch		WMS015	WNS010	r	IC	L	刀杆 Toolholder
		mm	tpi						
11UIDA60	60	0.5-2.0	48-12	●	○	0.04	6.35	11	SMT**-**11U-*
11UIDD60	60	1.5-3.0	16-8	●	○	0.11			
11UIDC60	60	2.0-4.0	12-6	●	○	0.14			
16UIDE60	60	1.75-3.5	16-7	●	○	0.11	9.525	16	SMT**-**16U-*
16UIDH60	60	3.0-6.0	8-4	●	○	0.24			
22UIDK60	60	4.0-8.0	6-3	●	○	0.30			
11UIDC60-N	60	2.0-4.0	12-6	●	○	0.14	6.35	11	SMT**-**11U-*
16UIDH60-N	60	3.0-6.0	8-4	●	○	0.24	9.525	16	SMT**-**16U-*
11UIDL55	55	1.5-3.5	28-7	●	○	0.13	6.35	11	SMT**-**11U-*
16UIDL55	55	2.5-3.5	11-7	●	○	0.24			
16UIDH55	55	3.5-6.0	14-4.5	●	○	0.25			
22UIDK55	55	5.0-8.5	12-3.5	●	○	0.30	12.7	22	SMT**-**22U-*

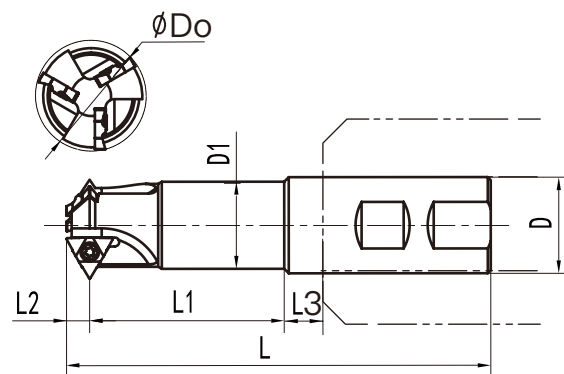
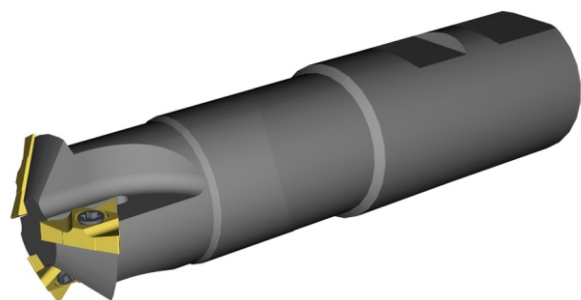
● Standard stock ○ Order production

Thread milling cutter



刀杆 Tool holder	刀片 Insert	刃数 No. of insert	Do	L1	L2	L3	D	D1	L	螺钉 Screw	扳手 Wrench
SMT15-16H11U-1C	11UI**	1	14.75	40	5.4	7.6	16	11	100	L60M2.5*6*D3.5	T-8
SMT17-16H11U-1C	11UI**	1	17	50	5.4	5.6	16	13	108		
SMT19-20K11U-1C	11UI**	1	19	58	5.4	8.6	20	14	121		
SMT21-25K11U-2C	11UI**	2	21	60	5.4	5.6	25	16	125		
SMT23-25L11U-2C	11UI**	2	23	70	5.4	10.6	25	17.7	140		
SMT26-25M11U-3C	11UI**	3	26	80	5.4	10.6	25	20	150		
SMT26-25P11U-3C	11UI**	3	26	110	5.4	0.6	25	20	170		
SMT29-25M11U-3C	11UI**	3	29	90	5.4	0.6	25	23	150		
SMT31-32P11U-4C	11UI**	4	31	95	5.4	11.6	32	25	170	L60M3.5*10*D5.3	T-15
SMT36-32P16U-3C	16UI**	3	36.5	95	8	9	32	29	170		
SMT42-40R16U-4C	16UI**	4	42	120	8	4	40	34.2	200		
SMT42-40S16U-4C	16UI**	4	42	160	8	14	40	34.2	250		
SMT48-40T16U-4C	16UI**	4	48	190	8	34	40	39.2	300		
SMT50-40T22U-4C	22UI**	4	50	190	11	41	40	39	300	L60M4.5*14*D6.6	T-20

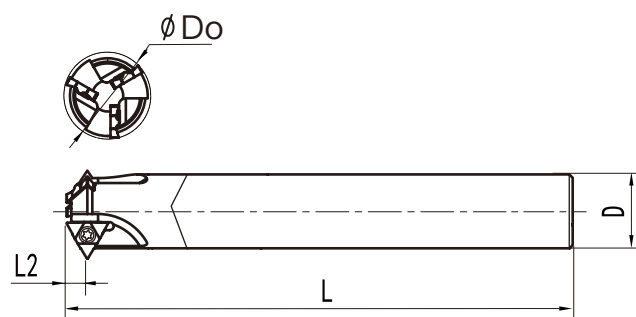
Thread milling cutter



刀杆 Tool holder	刀片 Insert	刃数 No. of insert	Do	L1	L2	L3	D	D1	L	螺钉 Screw	扳手 Wrench
SMT15-16H11U-1	11UI**	1	14.75	40	5.4	7.6	16	11	100	L60M2.5*8*D3.5	T-8
SMT17-16H11U-1	11UI**	1	17	50	5.4	5.6	16	13	108		
SMT19-20H11U-1	11UI**	1	19	38	5.4	8.6	20	14	100		
SMT21-25H11U-2	11UI**	2	21	40	5.4	5.6	25	16	105		
SMT26-25K11U-3	11UI**	3	26	60	5.4	5.6	25	20	125		
SMT26-25M11U-3	11UI**	3	26	80	5.4	10.6	25	20	150		
SMT31-32M11U-4	11UI**	4	31	75	5.4	11.6	32	25	150	L60M3.5*10*D5.3	T-15
SMT36-32M16U-3	16UI**	3	36.5	75	8	9	32	29	150		
SMT42-40P16U-4	16UI**	4	42	90	8	4	40	34.2	170		

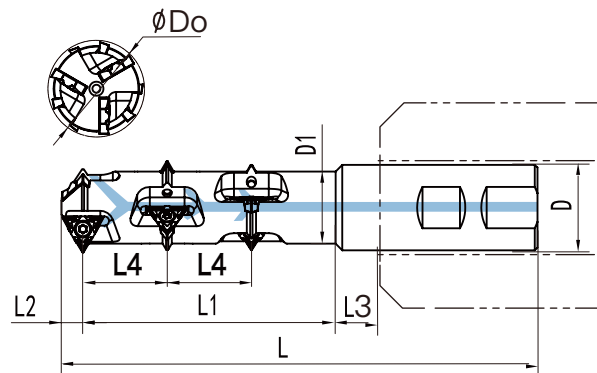
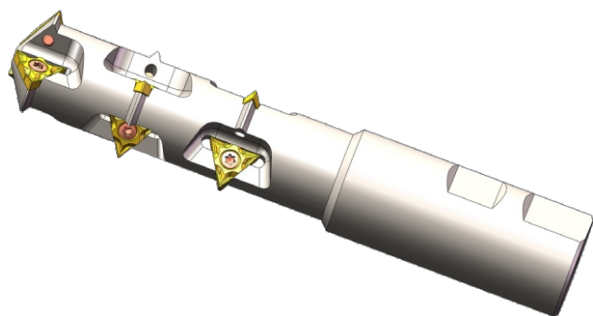
Thread milling cutter

Carbide toolholders



刀杆 Tool holder	刀片 Insert	刃数 No. of insert	D_o	L2	D	L	螺钉 Screw	扳手 Wrench
SMT21-14L11U-2-WH	11UI**	2	20.5	5.4	14	136	L60M2.5*8*D3.5	T-8
SMT26-20P11U-3-WH	11UI**	3	26		20	175	L60M2.5*8*D3.5	T-8

Thread milling cutter



刀杆 Tool holder	刀片 Insert	螺距 TPI	排 line	刃数 No. of insert	Do	L1	L2	L3	L4	D	D1	L	螺钉 Screw	扳手 Wrench
SMT26-25M11U-24/3-2*3C	11UI**	3	2	3	26	80	5.4	14.6	24	25	20	150	L60M2.5*8*D3.5	T-8
SMT36-32P16U-32/4-3*3C	16UI**	4	3	3	36.5	100	8	4	32	32	29	170	L60M3.5*10*D5.3	T-15

A Grooving

B Threading

C Turning

D Drilling

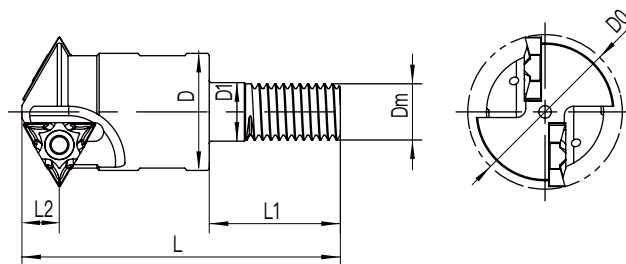
E Milling

F Taps

G Special Tools

H Technical Info

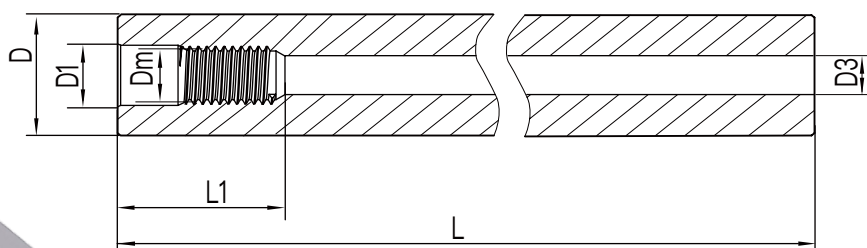
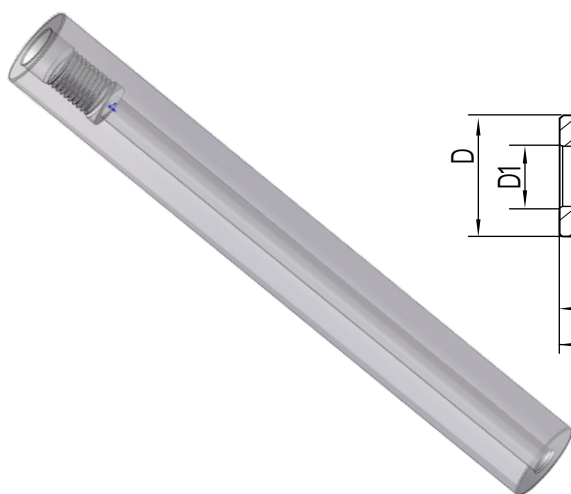
Thread milling cutter



刀杆 Tool holder	刀片 Insert	刃数 No. of insert	Do	L1	L2	D	D1	Dm	L	接杆 Tool holder
SMT13.5-10B11U-1C(M5)	11UI**	1	13.5	16	5.2	10	5.5	M5	30	C10***L-M5
SMT17-12B11U-1C(M6)	11UI**	1	17	17	5.2	12	6.5	M6	40	C12***L-M6
SMT21-16C11U-2C(M8)	11UI**	2	20.5	21	5.4	16	8.5	M8	51	C16***L-M8
SMT26-20D11U-3C(M10)	11UI**	3	26	24	5.4	20	10.5	M10	60	C20***L-M10
SMT31-25E11U-4C(M12)	11UI**	4	31	28	5.4	25	12.5	M12	68	C25***L-M12
SMT33-25E16U-2C(M12)	16UI**	2	33	28	8	25	12.5	M12	68	C25***L-M12
SMT40-32E16U-4C(M16)	16UI**	4	40	30	8	32	17	M16	70	C32***L-M16

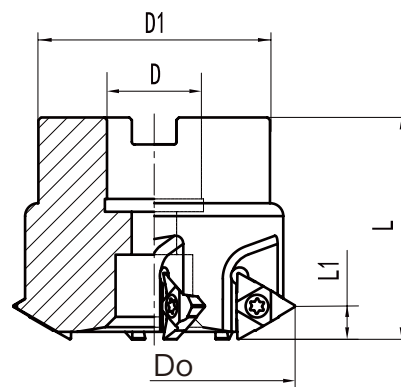
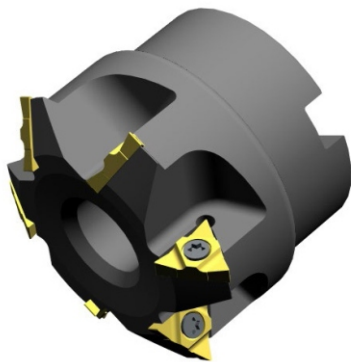
Thread milling tool holder

Carbide toolholder



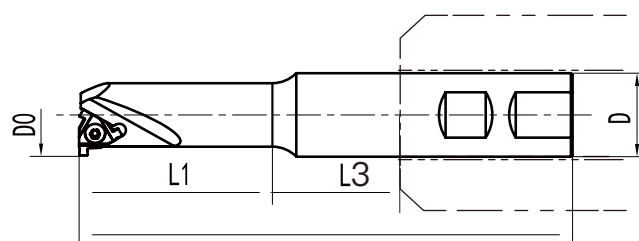
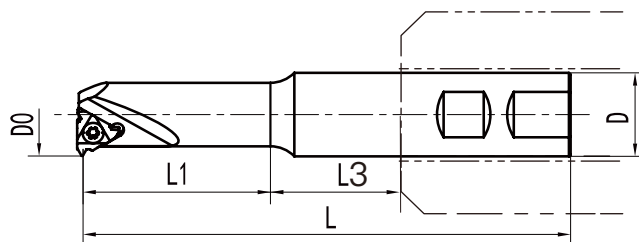
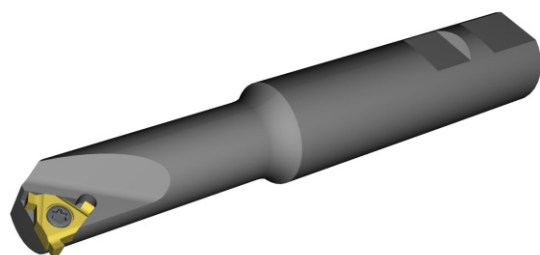
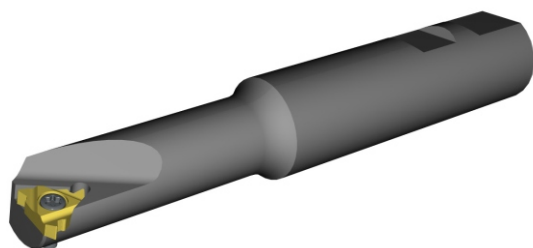
刀杆 Tool holder	L	D1	L1	D	D3	Dm
C10*100L-M5	100	5.5	20	10	3	M5
C10*150L-M5	150	5.5	20	10	3	M5
C12*100L-M6	100	6.5	22	12	3	M6
C12*150L-M6	150	6.5	22	12	3	M6
C16*100L-M8	100	8.5	25	16	5	M8
C16*150L-M8	150	8.5	25	16	5	M8
C16*200L-M8	200	8.5	25	16	5	M8
C16*250L-M8	250	8.5	25	16	5	M8
C20*150L-M10	150	10.5	28	20	6	M10
C20*200L-M10	200	10.5	28	20	6	M10
C20*250L-M10	250	10.5	28	20	6	M10
C20*300L-M10	300	10.5	28	20	6	M10
C25*150L-M12	150	12.5	30	25	8	M12
C25*200L-M12	200	12.5	30	25	8	M12
C25*250L-M12	250	12.5	30	25	8	M12
C25*300L-M12	300	12.5	30	25	8	M12
C32*200L-M16	200	17	36	32	10	M16
C32*250L-M16	250	17	36	32	10	M16
C32*300L-M16	300	17	36	32	10	M16
C32*350L-M16	350	17	36	32	10	M16
C32*400L-M16	400	17	36	32	10	M16

Thread milling cutter



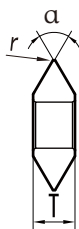
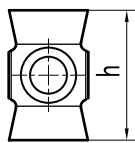
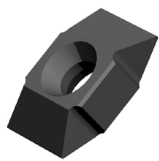
刀杆 Tool holder	刀片 Insert	刀数 No. of insert	Do	L1	D	D1	L	螺钉 Screw	扳手 Wrench
SMT48-22C16U-4	16UI**	4	48	8	22	40	50	L60M3.5*10*D5.3	T-15
SMT50-22C16U-4	16UI**	4	50	8	22	42	50	L60M3.5*10*D5.3	T-15
SMT56-22C16U-6	16UI**	6	56	8	22	48	50	L60M3.5*10*D5.3	T-15
SMT63-22C16U-6	16UI**	6	63	8	22	50	50	L60M3.5*10*D5.3	T-15
SMT68-22C16U-6	16UI**	6	68	8	22	54	50	L60M3.5*10*D5.3	T-15
SMT68-22C22U-5	22UI**	5	68	11	22	54	50	L60M4.5*14*D6.6	T-20

Thread milling cutter



刀杆 Tool holder	刀片 Threading insert	刀片 Grooving insert	Do	L1	L3	D	L	螺钉 Screw	扳手 Wrench
SMT09-12F08	08NR**	—	8.2	12	24	12	80	L60M2.0*6*D2.8	T-6
SMT12-12F11	11NR**	T11N**	12	25	11	12	80	L60M2.5*6*D3.5	T-8
SMT18-20K16	16NR**	T16N**	18	35	41	20	125	L60M3.5*8*D5.3	T-15
SMT25-25M16	16NR**	T16N**	25	65	31	25	150	L60M3.5*8*D5.3	T-15
SMT35-32S22	22NR**	T22N**	35	110	82	32	250	L60M4.5*12*D6.6	T-20

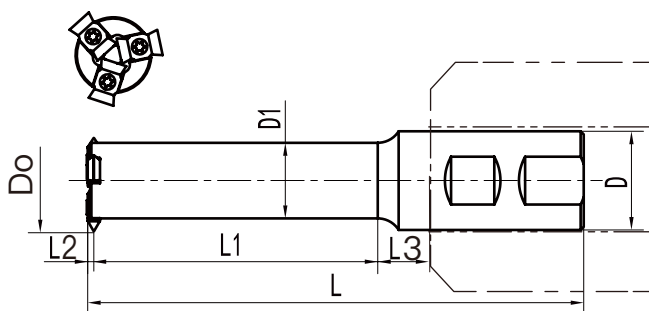
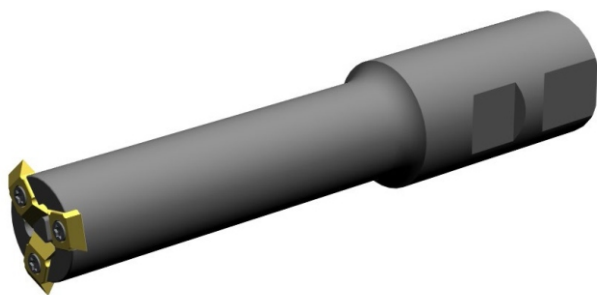
DV Thread milling Insert



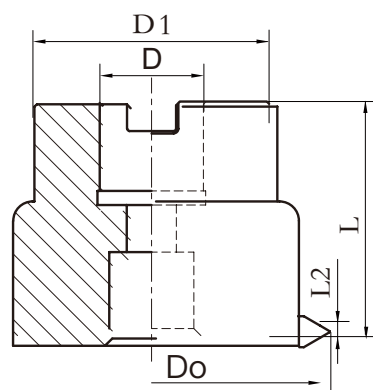
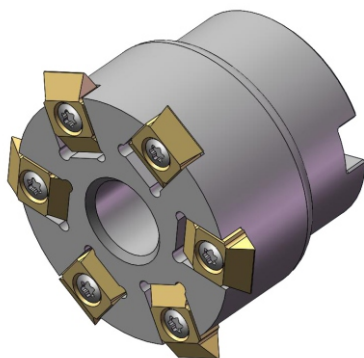
刀片 Insert	牙型角度 Tooth angle a	螺距 pitch		WMS015	WNS010	r	IC	L	刀杆 Toolholder
		mm	tpi						
DV076001	60	1.0-3.0	24-8			0.04	7	3.18	SMT**V07-**
DV096001	60	1.0-3.0	24-8			0.11	9.525	3.18	SMT**V09-**
DV136001	60	1.5-4.0	16-6			0.14	13.5	3.98	SMT**V13-**
DV156001	60	1.5-4.5	16-6	●	○	0.11	15.5	5	SMT**V15-**
DV156002	60	3.5-6.0	7-4	●	○	0.24	15.5	5	SMT**V15-**
DV196002	60	3.0-6.5	8-4	●	○	0.30	19	6.4	SMT**V19-**
DV155501	55	2.0-5.0	7-4	●	○	0.14	15.5	5	SMT**V15-**
DV195502	55	3.0-6.5	8-4	●	○	0.24	19	6.4	SMT**V19-**

● Standard stock ○ Order production

DV Thread milling cutter

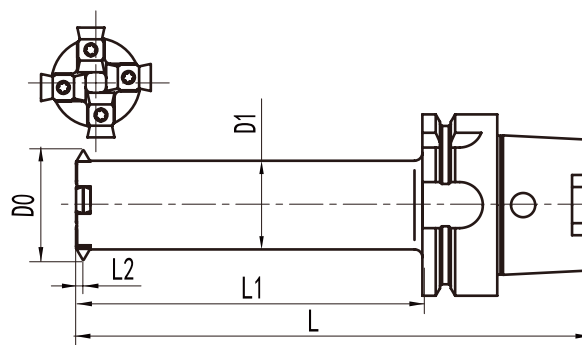
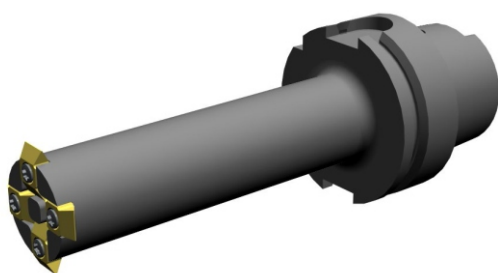
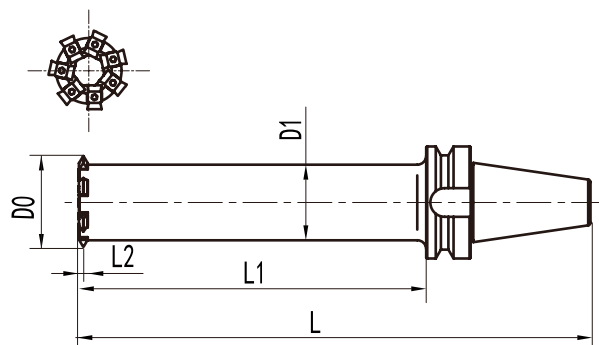


刀杆 Tool holder	刀片 Insert	刃数 No. of insert	Do	L1	L2	L3	D	D1	L	螺钉 Screw	扳手 Wrench
SMT17-20GV07-2	DV07**	2	17	37	1.4	4.6	16	12	90	L60M2.5*8*D3.5	T-7
SMT21-25HV07-3	DV07**	3	20.5	45	1.4	4.6	20	15.9	100	L60M2.5*8*D3.5	T-7
SMT24-25LV09-3	DV09**	3	23.85	75	1.4	9.6	25	19	140	L60M2.5*8*D3.5	T-7
SMT33-32NV13-3	DV13**	3	32.85	90	2.2	7.8	32	24.5	158	L60M3.5*12*D5.3	T-9
SMT40-32LV15-4	DV15**	4	40	70	2.6	4.4	32	30.5	135	L60M4*14*D5.7	T-15
SMT40-32QV15-4	DV15**	4	40	110	2.6	9.4	32	31	180	L60M4*14*D5.7	T-15
SMT40-32RV15-4	DV15**	4	40	145	2.6	4.4	32	31	210	L60M4*14*D5.7	T-15
SMT48-40TV15-6	DV15**	6	47.55	205	2.6	4.4	40	38	280	L60M4*14*D5.7	T-15
SMT53-40RV19-4	DV19**	4	52.55	130	3.3	-	40	40	200	L60M5*14*D6.6	T-20



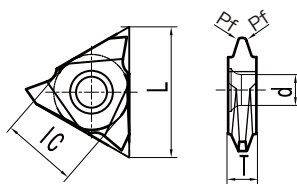
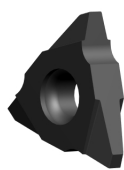
刀杆 Tool holder	刀片 Insert	刃数 No. of insert	Do	L2	D	D1	L	螺钉 Screw	扳手 Wrench
SMT57-22CV15-6	DV15**	6	57	2.5	22	48	50	L60M4*13*D5.7	T-15
SMT57-22CV15-8	DV15**	8	57	2.5	22	48	50	L60M4*13*D5.7	T-15
SMT72-22CV19-6	DV19**	6	71.5	3.2	22	50	50	L60M5*15*D6.6	T-20
SMT95-27CV19-8	DV19**	8	95	3.2	27	68	50	L60M5*15*D6.6	T-20

DV Thread milling cutter



刀杆 Tool holder	刀片 Insert	刃数 No. of insert	Do	L1	L2	D1	L	锥柄 Taper	螺钉 Screw	扳手 Wrench
HSK63A-MT40QV15-4	DV15**	4	52.55	120	2.5	30.8	178	HSK63A	L60M4*14*D5.7	T-15
BT40-MT53TV15-7	DV15**	7	52.55	195	2.5	42.5	290	BT40	L60M4*14*D5.7	T-15
BT50-MT63VV15-9	DV15**	9	63	250	2.5	53	390	BT50	L60M4*14*D5.7	T-15
BT40-MT58TV19-5	DV19**	5	57.5	200	3.2	45.5	295	BT40	L60M5*14*D6.6	T-20
BT50-MT67VV19-7	DV19**	7	66.55	250	3.2	54.4	390	BT50	L60M5*14*D6.6	T-20
BT50-MT72WV19-8	DV19**	8	71.5	300	3.2	59.5	450	BT50	L60M5*14*D6.6	T-20

40° Worm milling insert



刀片 Insert	模数 Module	齿距 pitch mm	WMS015	Pf	T	IC	L	d
22VER1.57-M0.5	0.5	1.57	●	0.15	4.9	12.7	22	5.1
22VER1.88-M0.6	0.6	1.88	●	0.18	4.9			
22VER2.20-M0.7	0.7	2.20	●	0.21	4.9			
22VER2.36-M0.75	0.75	2.36	●	0.23	4.9			
22VER2.51-M0.8	0.8	2.51	●	0.24	4.9			
22VER2.83-M0.9	0.9	2.83	●	0.27	4.9			
22VER3.14-M1.0	1.0	3.14	●	0.3	4.9			
22VER3.93-M1.25	1.25	3.93	●	0.38	4.9			
22VER4.71-M1.5	1.5	4.71	●	0.45	4.9			
22VER5.03-M1.6	1.6	5.03	●	0.48	4.9			
22VER5.50-M1.75	1.75	5.50	●	0.53	4.9			
22VER6.28-M2.0	2.0	6.28	●	0.6	6.0	15.87	27	6.35
27VER6.28-M2.0	2.0	6.28	●	0.6	6.4			
27VER7.07-M2.25	2.25	7.07	●	0.68	6.4			
27VER7.85-M2.5	2.5	7.85	●	0.75	6.4			
27VER8.64-M2.75	2.75	8.64	●	0.83	8.7			
27VER9.42-M3.0	3.0	9.42	●	0.9	8.7			
27VER9.90-M3.15	3.15	9.90	●	0.95	8.7			
27VER10.21-M3.25	3.25	10.21	●	0.98	8.7			
27VER11.00-M3.5	3.5	11.0	○	1.05	10.0	20	35	6.35
35VER12.57-M4.0	4.0	12.57	○	1.2	10.7			
35VER14.14-M4.5	4.5	14.14	○	1.35	12.5			
35VER15.71-M5.0	5.0	15.71	○	1.5	12.5			
35VER17.28-M5.5	5.5	17.28		1.65	15.2			
35VER18.85-M6.0	6.0	18.85		1.8	15.2			

● Standard stock ○ Order production

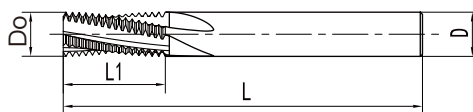
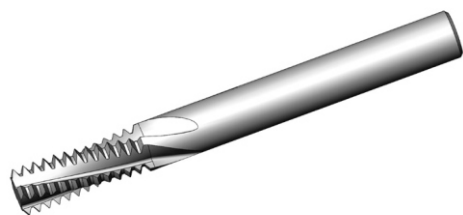
Ordering code system

H	E	MT	B	06	0430	D	11	0.50	ISO	LH	WPS005
1	2	3	4	5	6	7	8	9	10	11	12

1 - 产品类型 Product line	2 - 刀具类型 Type of tools	3 - 加工方式 System	4 - 内通水 Cooling	5 - 柄径 Shank Dia.	6 - 刃径 Cutting Dia.	7 - 沟槽数 No. of Flutes
H - 螺旋槽 H - Helical S - 直槽 S - Straight Flutes D - 单齿 D - One tooth D3 - 三齿 D3 - Three teeth	E - 外螺纹 E - External N - 内螺纹 (省略) N - Internal (omit)	MT - 铣削加工 MT - Thread Milling	B - 内通水 Cooling	06 - 6mm 08 - 8mm 10 - 10mm 12 - 12mm 14 - 14mm 16 - 16mm 18 - 18mm	0330-3.3mm 0430-4.3mm 0315-3.15mm ...	C-3 D-4 E-5 F-6

8 - 刃长 Cutting length	9 - 螺距 Pitch	10 - 螺纹标准 Pitch	11 - 沟槽旋向 Groove rotation	12 - 材质代号 Arbide Grade
09 - 9mm 11 - 11mm 13 - 13mm ...	米制螺距 (mm) 0.50 - 0.5mm 0.75 - 0.75mm 0.80 - 0.7mm ... 英制螺距 (tpi) 11 - 11 tpi 14 - 14 tpi 18 - 18 tpi ...	ISO - 米制 ISO 螺纹 UN - 美制 UN 螺纹 W - 英制惠氏螺纹 NPT - 美制锥管螺纹 BSPT - 英制锥管螺纹 TR - 30°梯形螺纹 ...	RH - 右旋 (省略) RH - Right hand LH - 左旋 LH - Left hand	WPS005 apply to stainless steel and steel WNS010 apply to aluminum alloy and non-ferrous

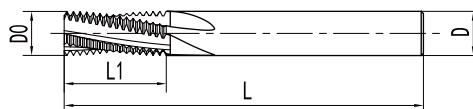
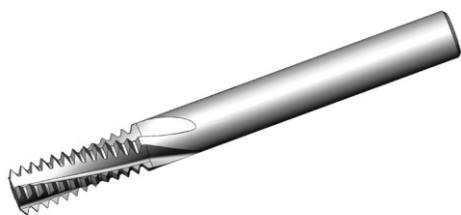
ISO Metric



螺距 Pitch mm	粗牙螺纹 Coarse thread	细牙螺纹 Fine thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
0.50		M4x0.5	HMT060330D09-0.50ISO	●	○	3.3	6	9	50	4
0.50		M5x0.5	HMT060430D11-0.50ISO	●	○	4.3	6	11	50	4
0.70	M4x0.7		HMT060315D09-0.70ISO	●	○	3.15	6	9	50	4
0.75		M6x0.75	HMT060500D13-0.75ISO	●	○	5.0	6	13	50	4
0.80	M5x0.8		HMT060400D11-0.80ISO	●	○	4.0	6	11	50	4
1.00	M6x1		HMT060480D13-1.00ISO	●	○	4.8	6	13	50	4
1.00		M8x1	HMT080670D17-1.00ISO	●	○	6.7	8	17	60	4
1.00		M10x1	HMT100870D21-1.00ISO	●	○	8.7	10	21	75	4
1.00		M12x1	HMT121070D25-1.00ISO	●	○	10.7	12	25	75	4
1.25	M8x1.25		HMT080650D17-1.25ISO	●	○	6.5	8	17	60	4
1.25		M10x1.25	HMT100850D21-1.25ISO	●	○	8.5	10	21	75	4
1.25		M12x1.25	HMT101000D25-1.25ISO	●	○	10.0	10	25	75	4
1.50	M10x1.5		HMT100820D21-1.50ISO	●	○	8.2	10	21	75	4
1.50		M12x1.5	HMT101000D25-1.50ISO	●	○	10.0	10	25	75	4
1.50		M14x1.5	HMT121200D29-1.50ISO	●	○	12.0	12	29	75	4
1.50		M16x1.5	HMT141400D33-1.50ISO	●	○	14.0	14	33	84	4
1.50		M18x1.5	HMT161600F37-1.50ISO	●	○	16.0	16	37	100	6
1.50		M20x1.5	HMT181800F41-1.50ISO	●	○	18.0	18	41	100	6
1.75	M12x1.75		HMT101000D25-1.75ISO	●	○	10.0	10	25	75	4
2.00	M14x2.0		HMT121160D29-2.00ISO	●	○	11.6	12	29	75	4
2.00	M16x2.0		HMT141360D33-2.00ISO	●	○	13.6	14	33	84	4
2.50	M18x2.5		HMT161500F37-2.50ISO	○	○	15.0	16	37	100	6
2.50	M20x2.5		HMT181710F41-2.50ISO	○	○	17.1	18	41	105	6

● Standard stock ○ Order production

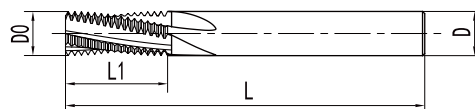
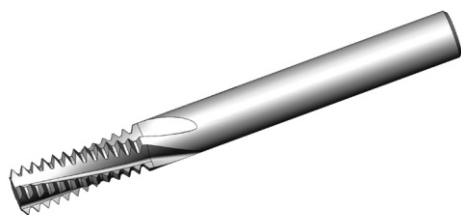
American UN 60°



螺距 Pitch mm	粗牙螺纹 Coarse thread	细牙螺纹 Fine thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
32		NO.10-32	HMT060380D10-32UN	○	○	3.8	6	10	50	4
32		NO.12-32	HMT060440D11-32UN	○	○	4.4	6	11	50	4
28		NO.12-28	HMT060430D11-28UN	○	○	4.3	6	11	50	4
28		1/4"-28	HMT060520D13-28UN	○	○	5.2	6	13	50	4
28		7/16,1/2"-28	HMT100990D22-28UN	○	○	9.9	10	22	75	4
24	NO.10-24		HMT040350D10-24UN	○	○	3.5	4	10	50	4
24	NO.10-24		HMT060350D10-24UN	○	○	3.5	6	10	50	4
24	NO.10-24		HMT060420D11-24UN	○	○	4.2	6	11	50	4
24		5/16"-24	HMT080670D16-24UN	○	○	6.7	8	16	60	4
24		3/8"-24	HMT100820D19-24UN	○	○	8.2	10	19	75	4
24		9/16",11/16"-24	HMT141290D29-24UN	○	○	12.9	14	29	75	4
20	1/4"-20		HMT060480D13-20UN	○	○	4.8	6	13	60	4
20		7/16"-20	HMT100960D23-20UN	○	○	9.6	10	23	75	4
20		1/2"-20	HMT121110D26-20UN	○	○	11.1	12	26	75	4
20		3/4",1"-20	HMT181710D38-20UN	○	○	17.1	18	38	100	4
18	5/16"-18		HMT080635D16-18UN	○	○	6.35	8	16	60	4
18		9/16"-18	HMT141250D28-18UN	○	○	12.5	14	28	75	4
18		5/8",11/16"-18	HMT161410D31-18UN	○	○	14.1	16	31	90	4
16	3/16"-16		HMT080760D19-16UN	○	○	7.6	8	19	60	4
16		3/4"-16	HMT181700D38-16UN	○	○	17.0	18	38	100	4
14	7/16"-14		HMT100900D22-14UN	○	○	9.0	10	22	75	4
14		7/8"-14	HMT202000D45-14UN	○	○	20.0	20	45	105	4
14		7/8"-14	HMT202000F45-14UN	○	○	20.0	20	45	105	6
13	1/2"-13		HMT121040D26-13UN	○	○	10.4	12	26	75	4
12	9/16"-12		HMT121180D29-12UN	○	○	11.8	12	29	75	4
12		1",1-1/2"-12	HMT202000D51-12UN	○	○	20.0	20	51	108	4
12		1",1-1/2"-12	HMT202000F51-12UN	○	○	20.0	20	51	108	6
12		1",1-1/2"-12	HMT202000G51-12UN	○	○	20.0	20	51	108	8
11	5/8"-11		HMT141310D33-11UN	○	○	13.1	14	33	90	4
10	3/4"-10		HMT161600D39-10UN	○	○	16.0	16	39	100	4
9	7/8"-9		HMT201900D46-9UN	○	○	19.0	20	46	105	4
9	7/8"-9		HMT201900F46-9UN	○	○	19.0	20	46	105	6
9	7/8"-9		HMT201900G46-9UN	○	○	19.0	20	46	105	8
8	1"-8		HMT202000D52-8UN	○	○	20.0	20	52	108	4
8	1"-8		HMT202000F52-8UN	○	○	20.0	20	52	108	6
8	1"-8		HMT202000G52-8UN	○	○	20.0	20	52	108	8

● Standard stock ○ Order production

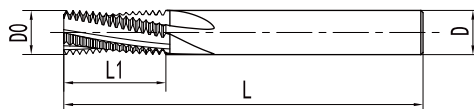
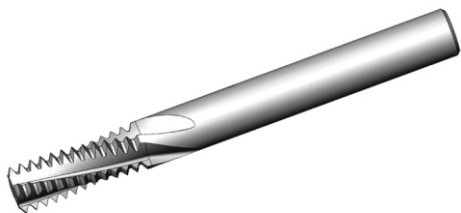
NPT-60°



螺距 Pitch mm	最小加工规格 Minimum thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
27	1/16"-27	HMT060590D10-27NPT	○	○	5.9	6	10	50	4
27	1/8"-27	HMT080760D10-27NPT	○	○	7.6	8	10	60	4
18	1/4"-18	HMT100990D15-18NPT	○	○	9.9	10	15	75	4
18	3/8"-18	HMT121110D15-18NPT	○	○	11.1	12	15	75	4
14	1/2、3/4"-14	HMT161550F19-14NPT	○	○	15.5	16	19	90	6
11.5	1"、1 1/4"-11.5	HMT201960F23-11.5NPT	○	○	19.6	20	23	100	6
8	2 1/2"、3"-8	HMT201960F33-8NPT	○	○	19.6	20	33	100	6

● Standard stock ○ Order production

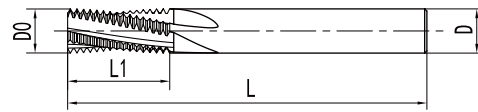
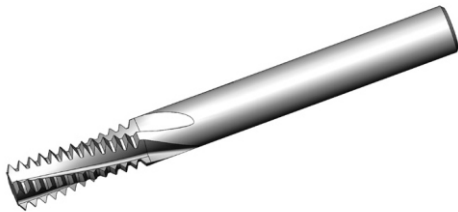
Whitworth W-55°



螺距 Pitch tpi	粗牙螺纹 Coarse thread	细牙螺纹 Fine thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
26		1/4"-26	HMT060500D13-26W	○	○	5.0	6	13	50	4
22		5/16"-22	HMT080630D16-22W	○	○	6.3	8	16	60	4
20		3/8"-20	HMT080760D19-20W	○	○	7.6	8	19	60	4
19	G1/4"-19		HMT121100F28-19W	○	○	11.0	12	28	75	6
19	G3/8"-19		HMT161450F34-19W	○	○	14.5	16	34	90	6
18	5/16"-18		HMT060580D16-18W	○	○	5.8	6	16	50	4
18		7/16"-18	HMT100920D23-18W	○	○	9.2	10	23	75	4
18		7/16"-18	HMT100920F23-18W	○	○	9.2	10	23	75	6
16	3/8"-16		HMT080720D19-16W	○	○	7.2	8	19	60	4
16		1/2"-16	HMT121050D26-16W	○	○	10.5	12	26	75	4
16		1/2"-16	HMT121050F26-16W	○	○	10.5	12	26	75	6
16		9/16"-16	HMT141220D29-16W	○	○	12.2	14	29	80	4
16		9/16"-16	HMT141220F29-16W	○	○	12.2	14	29	80	6
14	7/16"-14		HMT100850D22-14W	○	○	8.5	10	22	75	4
14		5/8"-14	HMT141340D31-14W	○	○	13.4	14	31	100	4
14		5/8"-14	HMT141340F31-14W	○	○	13.4	14	31	100	6
14		11/16"-14	HMT161500D35-14W	○	○	15.0	16	35	100	4
14		11/16"-14	HMT161500F35-14W	○	○	15.0	16	35	100	6
12	1/2"-12		HMT100960D26-12W	○	○	9.6	10	26	75	4
12	1/2"-12		HMT100960F26-12W	○	○	9.6	10	26	75	6
12	9/16"-12		HMT121130D28-12W	○	○	11.3	12	28	75	4
12	9/16"-12		HMT121130F28-12W	○	○	11.3	12	28	75	6
12		3/4"-12	HMT181620D39-12W	○	○	16.2	18	39	100	4
12		3/4"-12	HMT181620F39-12W	○	○	16.2	18	39	100	6
11	5/8"-11	7/8"-11	HMT141260D33-11W	○	○	12.6	14	33	90	4
11	5/8"-11	7/8"-11	HMT141260F33-11W	○	○	12.6	14	33	90	6
11	11/16"-11		HMT161420D35-11W	○	○	14.2	16	35	100	4
11	11/16"-11		HMT161420F35-11W	○	○	14.2	16	35	100	6

● Standard stock ○ Order production

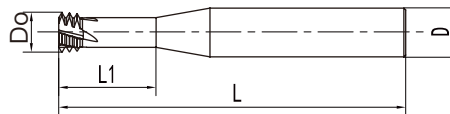
BSPT-55°



螺距 Pitch mm	最小加工规格 Minimum thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
28	1/16"-28	HMT060580D16-28BSPT	○	○	5.8	6	16	50	4
28	1/8"-28	HMT080770D20-28BSPT	○	○	7.7	8	20	60	4
19	1/4"-19	HMT100990E27-19BSPT	○	○	9.9	10	26.7	75	5
19	3/8"-19	HMT141340E33-19BSPT	○	○	13.4	14	33.4	90	5
14	1/2、3/4"-14	HMT161570F44-14BSPT	○	○	15.7	16	43.5	100	6
11.5	1"、1 1/2"、2"-11	HMT201990F42-11BSPT	○	○	19.9	20	41.6	100	6

● Standard stock ○ Order production

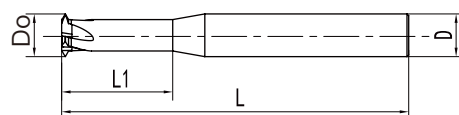
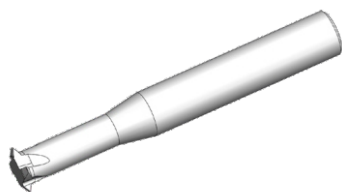
ISO Metric



螺距 Pitch tpi	粗牙螺纹 Coarse thread	细牙螺纹 Fine thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
0.5	M3x0.5		D3MT060240D07-0.5ISO	●	○	2.4	6	7	50	4
0.6	M3.5x0.6		D3MT060270D08-0.6ISO	●	○	2.7	6	8	50	4
0.7	M4x0.7		D3MT060315D09-0.7ISO	●	○	3.15	6	9	50	4
0.75		M6x0.75	D3MT060500D13-0.75ISO	●	○	5.0	6	13	50	4
0.8	M5x0.8		D3MT060400D11-0.8ISO	●	○	4.0	6	11	50	4
1.0	M6x1.0		D3MT060480D13-1.0ISO	●	○	4.8	6	13	50	4
1.0		M8x1.0	D3MT080670D17-1.0ISO	●	○	6.7	8	17	60	4
1.0		M10x1.0	D3MT100870D21-1.0ISO	●	○	8.7	10	21	75	4
1.0		M12x1.0	D3MT121070D25-1.0ISO	●	○	10.7	12	25	80	4
1.25	M8x1.25		D3MT080650D17-1.25ISO	●	○	6.5	8	17	60	4
1.25		M10x1.25	D3MT100850D21-1.25ISO	●	○	8.5	10	21	75	4
1.5	M10x1.5		D3MT100820D21-1.5ISO	●	○	8.2	10	21	75	4
1.5		M12x1.5	D3MT101000D25-1.5ISO	●	○	10.0	10	25	75	4
1.5		M14x1.5	D3MT121200D29-1.5ISO	●	○	12.0	12	29	75	4
1.5		M14x1.5	D3MT121200F29-1.5ISO	●	○	12.0	12	29	75	6
1.5		M16x1.5	D3MT141400D33-1.5ISO	●	○	14.0	14	33	80	4
1.5		M16x1.5	D3MT141400F33-1.5ISO	●	○	14.0	14	33	80	6
1.75	M12x1.75		D3MT101000D25-1.75ISO	●	○	10.0	10	25	75	4
1.75	M12x1.75		D3MT101000F25-1.75ISO	●	○	10.0	10	25	75	6
2.0	M14x2		D3MT121160D29-2.0ISO	●	○	11.6	12	29	75	4
2.0	M14x2		D3MT121160F29-2.0ISO	●	○	11.6	12	29	75	6
2.0	M16x2		D3MT141360D33-2.0ISO	●	○	13.6	14	33	80	4
2.0	M16x2		D3MT141360F33-2.0ISO	●	○	13.6	14	33	80	6
2.5	M20x2.5		D3MT181710D41-2.5ISO	●	○	17.1	18	41	105	4
2.5	M20x2.5		D3MT181710F41-2.5ISO	●	○	17.1	18	41	105	6

● Standard stock ○ Order production

ISO Metric



螺距 Pitch tpi	粗牙螺纹 Coarse thread	细牙螺纹 Fine thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
0.35		M2.0*0.35	D1MT030160C6.2-0.35ISO	●	○	1.60	3	6.2	40	3
0.35		M2.2*0.35	D1MT030175C6.8-0.35ISO	●	○	1.75	3	6.8	40	3
0.40	M2.0*0.4		D1MT030155C6.2-0.40ISO	●	○	1.55	3	6.2	40	3
0.45	M2.5x0.45		D1MT030195C7.7-0.45ISO	●	○	1.95	3	7.7	40	3
0.50	M3.0x0.5		D1MT030240C9.2-0.50ISO	●	○	2.40	3	9.2	40	3
0.60	M3.5x0.6		D1MT060280D11.0-0.60ISO	●	○	2.80	6	11.0	50	4
0.70	M4.0*0.7		D1MT060315D13.0-0.70ISO	●	○	3.15	6	13.0	50	4
0.80	M5.0*0.8		D1MT060400D16.0-0.80ISO	●	○	4.00	6	16.0	50	4

● Standard stock ○ Order production

A

Grooving

B

Threading

C

Turning

D

Drilling

E

Milling

F

Taps

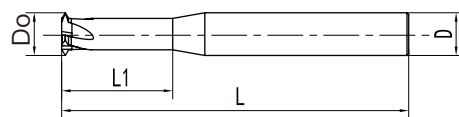
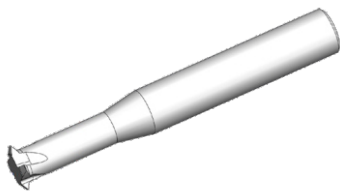
G

Special Tools

H

Technical Info

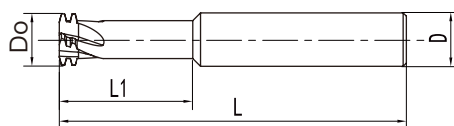
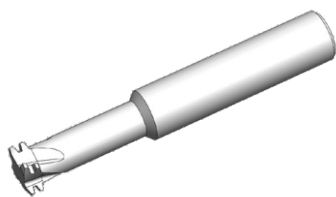
ISO Metric



螺距 Pitch		粗牙螺纹 Coarse thread	细牙螺纹 Fine thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
mm	tpi										
0.5-1.0	—	M4x0.7		D1MT060310C13-60	○	○	3.1	6	13	50	3
0.5-1.0	—	M6x1		D1MT060480C14-60	●	○	4.8	6	14	50	3
0.75-1.5	—	M8x1.25		D1MT060600C16-60	●	○	6.0	6	16	50	3
1.0-1.75	—	M10x1.5		D1MT080800D18-60	●	○	8.0	8	18	60	4
1.25-2.0	—	M12x1.75		D1MT101000D26-60	○	○	10.0	10	26	75	4
1.5-2.5	—	M16x2		D1MT121200D30-60	○	○	12.0	12	30	75	4
—	32-24	3/16-24	3/16-32	D1MT060330C13-55	○		3.3	6	13	50	3
—	26-20	1/4-20	1/4-26	D1MT060470C14-55	○		4.7	6	14	50	3
—	20-16	3/8-16	3/8-20	S1MT080730D18-55	○		7.3	8	18	60	4
—	16-11	5/8-11	1/2-16	D1MT101000D26-55	○		10.0	10	26	75	4

● Standard stock ○ Order production

Trapez TR-30°



螺距 Pitch mm	最小加工规格 Minimum thread	型号 Order Code	WPS005	WNS010	Do	D	L1	L	Flutes
1.5	TR8x1.5	D2MT060550D17-1.5TR	○	○	5.5	6	17	60	4
1.5	TR9x1.5	D2MT080700D19-1.5TR	○	○	7.0	8	19	60	4
2.0	TR10x2.0	D2MT080760D21-2.0TR	○	○	7.6	8	21	60	4
2.0	TR12x2.0	D2MT100960D25-2.0TR	○	○	9.6	10	25	75	4
2.0	TR14x2.0	D2MT121160F29-2.0TR	○	○	11.6	12	29	75	4
3.0	TR12x3.0	D2MT100860D25-3.0TR	○	○	8.6	10	25	75	4
3.0	TR14x3.0	D2MT101000F29-3.0TR	○	○	10.0	10	29	75	4
3.0	TR22x3.0	D2MT181800F45-3.0TR	○	○	18.0	18	45	105	4
4.0	TR16x4.0	D2MT121160F33-4.0TR	○	○	11.6	12	33	75	4
4.0	TR18x4.0	D2MT141360F37-4.0TR	○	○	13.6	14	37	90	4
4.0	TR20x4.0	D2MT161560F41-4.0TR	○	○	15.6	16	41	100	4

● Standard stock ○ Order production

Ordering code system - threading insert

16		E	R	1.5	ISO	-M	WMS015
1	2	3	4	5	6	7	8

1 – Insert size		2 – Insert type		3 – Type of insert	4 – RH/LH insert
L(mm)	IC	Standard		E – External I – Internal	R – Right hand insert L – Left hand insert
06	5/32"				
08	3/16"				
11	1/4"				
16	3/8"				
22	1/2"				
27	5/8"				

5 – Pitch		6 – Standard		7 – Chipbreaker
Full profile pitch range		60–Partial profile 60°		M–Chipbreaker
mm	TPI	55–Partial profile 55°		/–Ground chipbreaker
0.6–6.0	48–4	ISO–ISO metric		
Partial profile pitch range		UN–American UN		
mm	TPI	W–Whitworth W–55°		
A	0.5–1.5	NPT–NPT		
AG	0.5–3.0	NPTF–NPTF		
G	1.75–3.0	BSPT–British Standard Pipe Thread		
N	3.5–5.0	TR–Trapez DIN 103		
Q	5.5–6.0	ACME–ACME		
V	6.0–10.0	STACME–Stub ACME		
		RD–Round DIN 405		
		SAGE–Metric Buttress DIN 513		
				8 – Carbide grade
				WMS015: General purpose grade, excellent in stainless steel
				WMS115: Recommended for stainless steel
				WPS020: For steel and cast iron
				WNS010: For Aluminum

Ordering code system - carbide grade

W	P	T	0	10
1	2	3	4	5

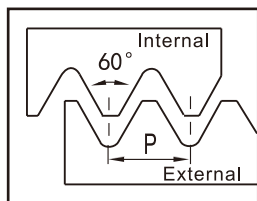
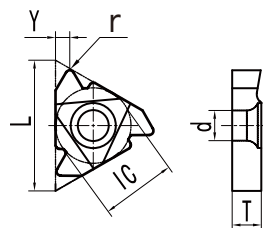
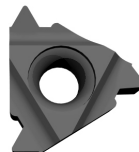
1 – Brand code	2 – Material group	3 – Application	4 – Upgrade code
W: WC-Co 	P: Steel M: Stainless steel K: Cast iron N: Non-ferrous metals S: Heat resistant material H: Hardened material G: General material	T – Turning M – Milling G – Grooving D – Drilling S – Threading	0 – 0, 1, 2, 3, 4, 5...

5 – Degree of hardness
05 – ISO05 10 – ISO10 15 – ISO15 20 – ISO20 25 – ISO25 30 – ISO30 35 – ISO35 40 – ISO40 Wear-resistant ↑ ↓ Tough

Threading inserts carbide grade
 WMS015 PVD TiAlN General purpose grade, excellent in stainless steel
 WMS115 PVD TiAlSi Recommended for stainless steel
 WPS020 PVD TiAlN For steel and cast iron
 WNS010 without coating For Aluminum

ISO Metric

External

ISO 68-1
GB/T 192

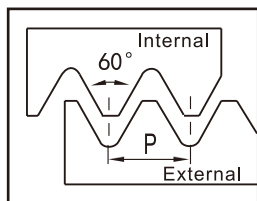
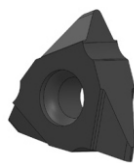
-M

右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L						
16ER1.00ISO-M		1.0	●	○							0.14	0.7	16	9.525	4.0	3.65
16ER1.50ISO-M		1.5	●	○							0.22	1.0				
16ER2.00ISO-M		2.0	●	○							0.29	1.3				
16ER2.50ISO-M		2.5	●	○							0.36	1.5				
16ER3.00ISO-M		3.0	●	○							0.43	1.6	22	12.7	5.1	4.9
22ER3.50ISO-M		3.5	●	○							0.51	2.0				
22ER4.00ISO-M		4.0	●	○							0.58	2.0				
22ER5.00ISO-M		5.0	●	○							0.72	2.4				
22ER6.00ISO-M		6.0	●	○							0.87	2.7	16	9.525	4.0	3.65
11ER0.50ISO	11EL0.50ISO	0.5	●	○			○		●		0.07	0.6				
11ER0.75ISO	11EL0.75ISO	0.75	●	○			○		●		0.11	0.6				
11ER1.00ISO	11EL1.00ISO	1.0	●	○			○		●		0.14	0.7				
11ER1.25ISO	11EL1.25ISO	1.25	●	○			○		●		0.18	0.9				
11ER1.50ISO	11EL1.50ISO	1.5	●	○			○		●		0.22	1.0				
11ER1.75ISO	11EL1.75ISO	1.75	●	○			○		●		0.25	1.1				
11ER2.00ISO	11EL2.00ISO	2.0	●	○			○		●		0.29	1.0				
16ER0.50ISO	16EL0.50ISO	0.5	●	○			○		●		0.07	0.6				
16ER0.75ISO	16EL0.75ISO	0.75	●	○			○		●		0.11	0.6				
16ER1.00ISO	16EL1.00ISO	1.0	●	○			○		●		0.14	0.7				
16ER1.25ISO	16EL1.25ISO	1.25	●	○			○		●		0.18	0.9				
16ER1.50ISO	16EL1.50ISO	1.5	●	○			○		●		0.22	1.0				
16ER1.75ISO	16EL1.75ISO	1.75	●	○			○		●		0.25	1.2				
16ER2.00ISO	16EL2.00ISO	2	●	○			○		●		0.29	1.3				
16ER2.50ISO	16EL2.50ISO	2.5	●	○			○		●		0.36	1.5				
16ER3.00ISO	16EL3.00ISO	3.0	●	○			○		●		0.43	1.6				
16ER3.50ISO	16EL3.50ISO	3.5	●	○			○		●		0.51	1.6				
22ER3.00ISO	22EL3.00ISO	3.0	●	○			○		●		0.43	2.0	22	12.7	5.1	4.9
22ER3.50ISO	22EL3.50ISO	3.5	●	○			○		●		0.51	2.0				
22ER4.00ISO	22EL4.00ISO	4.0	●	○			○		●		0.58	2.0				
22ER4.50ISO	22EL4.50ISO	4.5	●	○			○		●		0.65	2.2				
22ER5.00ISO	22EL5.00ISO	5.0	●	○			○		●		0.72	2.4				
22ER5.50ISO	22EL5.50ISO	5.5	●	○			○		●		0.79	2.5				
22ER6.00ISO	22EL6.00ISO	6.0	●	○			○		●		0.87	2.7				
27ER5.50ISO	27EL5.50ISO	5.5	●	○			○		●		0.79		27	15.875	6.35	6.4
27ER6.00ISO	27EL6.00ISO	6.0	●	○			○		●		0.87					

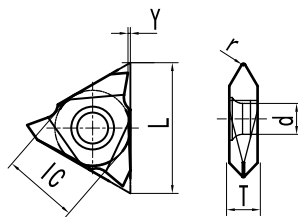
● Standard stock ○ Order production

ISO Metric

External

ISO 68-1
GB/T 192

-V

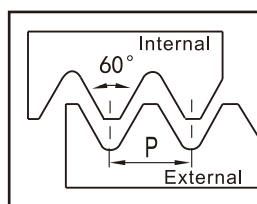
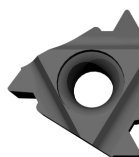
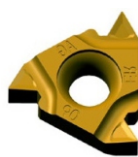


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L						
16VER1.00ISO		1.0	●		○						0.14	0.7	16	9.525	4.0	3.65
16VER1.50ISO		1.5	●		○						0.22	1.0				
16VER2.00ISO		2.0	●		○						0.29	1.3				
16VER2.50ISO		2.5	●		○						0.36	1.5				
16VER3.00ISO		3.0	●		○						0.43	1.6	22	12.7	5.1	4.76
22VER3.00ISO		3.0	●		○						0.43	2.0				
22VER4.00ISO		4.0	●		○						0.58	2.0				
22VER5.00ISO		5.0	●		○						0.72	2.4				
27VER6.00ISO		6.0	●		○						0.87	2.7	27	15.875	6.35	6.4
27VER8.00ISO		8.0	○	○							0.87					8.7
27VER10.0ISO		10.0	○	○							0.07					10.0

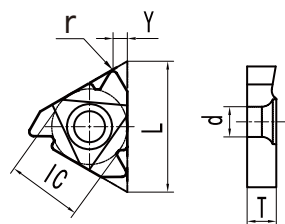
● Standard stock ○ Order production

ISO Metric

Internal

ISO 68-1
GB/T 192

-M

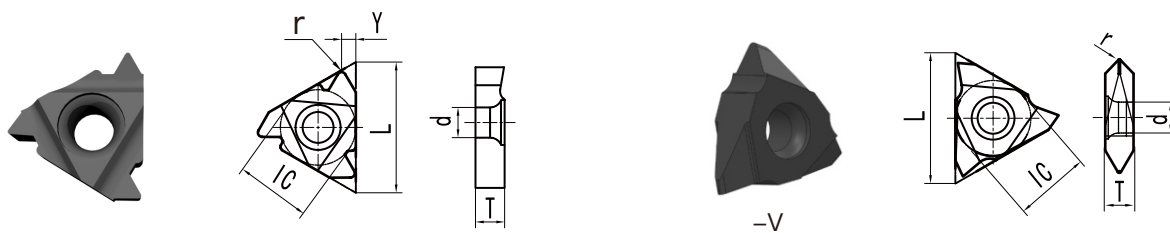


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WMS115		WMS215		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L	R	L						
11NR1.00ISO-M		1.0					●						0.07	0.7	11	6.35	3.0	3.18
11NR1.25ISO-M		1.25					●						0.11	1.0				
11NR1.50ISO-M		1.5					●						0.14	1.0				
16NR1.00ISO-M		1.0	●		○								0.07	0.7	16	9.525	4.0	3.65
16NR1.50ISO-M		1.5	●		○								0.11	1.0				
16NR2.00ISO-M		2.0	●		○								0.14	1.3				
16NR2.50ISO-M		2.5	●		○								0.18	1.5				
16NR3.00ISO-M		3.0	●		○								0.22	1.6	22	12.7	5.1	4.9
22NR3.50ISO-M		3.5	●		○								0.25	2.0				
22NR4.00ISO-M		4.0	●		○								0.29	2.0				
22NR5.00ISO-M		5.0	●		○								0.36	2.4				
22NR6.00ISO-M		6.0	●		○								0.43	2.7	06		2.1	1.91
06NR0.50ISO	06NL0.50ISO	0.5	●										0.04					
06NR0.75ISO	06NL0.75ISO	0.75	●										0.05					
06NR1.00ISO	06NL1.00ISO	1.0	●										0.07					
06NR1.25ISO	06NL1.25ISO	1.25	●										0.09					
06NR1.50ISO	06NL1.50ISO	1.5	●										0.11		08	4.76	2.1	2.38
08NR1.75ISO	08NL1.75ISO	0.5	●	○					○		●		0.04					
08NR0.75ISO	08NL0.75ISO	0.75	●	○					○		●		0.05					
08NR1.00ISO	08NL1.00ISO	1.0	●	○					○		●		0.07					
08NR1.25ISO	08NL1.25ISO	1.25	●	○					○		●		0.09					
08NR1.50ISO	08NL1.50ISO	1.5	●	○					○		●		0.11					
08NR1.75ISO	08NL1.75ISO	1.75	●	○					○		●		0.13		11	6.35	3.0	3.18
11NR0.50ISO	11NL0.50ISO	0.5	●	○					○		●		0.04	0.6				
11NR0.75ISO	11NL0.75ISO	0.75	●	○					○		●		0.05	0.6				
11NR1.00ISO	11NL1.00ISO	1.0	●	○					○		●		0.07	0.7				
11NR1.25ISO	11NL1.25ISO	1.25	●	○					○		●		0.09	0.9				
11NR1.50ISO	11NL1.50ISO	1.5	●	○					○		●		0.11	1.0				
11NR1.75ISO	11NL1.75ISO	1.75	●	○					○		●		0.13	1.1				
11NR2.00ISO	11NL2.00ISO	2.0	●	○					○		●		0.14	1.0	16	9.525	4.0	3.65
11NR2.50ISO	11NL2.50ISO	2.5	●	○					○		●		0.18	1.0				
16NR0.50ISO	16NL0.50ISO	0.5	●	○					○		●		0.04	0.6				
16NR0.75ISO	16NL0.75ISO	0.75	●	○					○		●		0.05	0.6				
16NR1.00ISO	16NL1.00ISO	1	●	○					○		●		0.07	0.7				
16NR1.25ISO	16NL1.25ISO	1.25	●	○					○		●		0.09	0.9				
16NR1.50ISO	16NL1.50ISO	1.5	●	○					○		●		0.11	1.0				
16NR1.75ISO	16NL1.75ISO	1.75	●	○					○		●		0.13	1.2	16			
16NR2.00ISO	16NL2.00ISO	2	●	○					○		●		0.14	1.3				

● Standard stock ○ Order production

ISO Metric

Internal

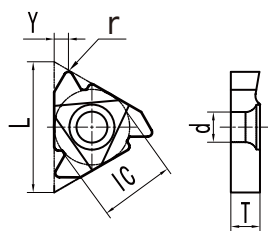
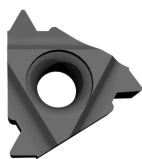


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L						
16NR2.50ISO	16NL2.50ISO	2.5	●		○		○				0.18	1.5	16	9.525	4.0	3.65
16NR3.00ISO	16NL3.00ISO	3.0	●		○		○				0.22	1.6				
16NR3.50ISO	16NL3.50ISO	3.5	●		○		○				0.25	1.6				
22NR3.00ISO	22NL3.00ISO	3.0	●	○			○				0.22	2.0	22	12.7	5.1	4.9
22NR3.50ISO	22NL3.50ISO	3.5	●	○			○				0.25	2.0				
22NR4.00ISO	22NL4.00ISO	4.0	●	○			○				0.29	2.0				
22NR4.50ISO	22NL4.50ISO	4.5	●				○				0.32	2.2				
22NR5.00ISO	22NL5.00ISO	5.0	●				○				0.36	2.4				
22NR5.50ISO	22NL5.50ISO	5.5	●				○				0.4	2.5				
22NR6.00ISO	22NL6.00ISO	6.0	●				○				0.43	2.7	27	15.875	6.35	6.4
27NR5.50ISO	27NL5.50ISO	5.5	○	○							0.4					
27NR6.00ISO	27NL6.00ISO	6.0									0.43					
16VNR1.00ISO		1.0	●		○						0.07		16	9.525	4.0	3.65
16VNR1.50ISO		1.5	●		○						0.11					
16VNR2.00ISO		2.0	●		○						0.14					
16VNR2.50ISO		2.5	●		○						0.18					
16VNR3.00ISO		3.0	●		○						0.22		22	12.7	5.1	4.9
22VNR3.00ISO		3.0	●								0.22					
22VNR4.00ISO		4.0	●		○						0.29					
22VNR5.00ISO		5.0	●		○						0.36					
27VNR6.00ISO		6.0	●		○						0.43		27	15.875	6.35	6.4
27VNR8.00ISO		8.0	○	○												8.7
27VNR10.0ISO		10.0	○	○												10.0

● Standard stock ○ Order production

MJ-60°

External

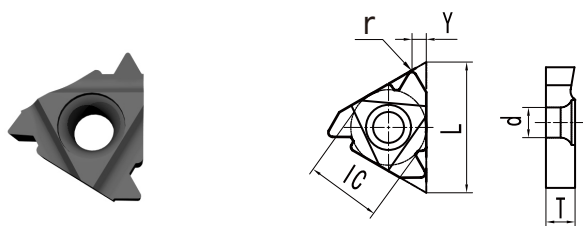


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WSS020		r	Y	L	IC	d	T
			R	L	R	L						
11ER0.75MJ	11EL0.75MJ	0.75	●		●		—	0.6	11	6.35	3.0	3.18
11ER0.8MJ	11EL0.8MJ	0.8	●		●		—	0.6				
11ER1.0MJ	11EL1.0MJ	1.0	●		●		—	0.6				
11ER1.0MJ	11EL1.0MJ	1.0	●		●		—	0.7				
11ER1.25MJ	11EL1.25MJ	1.25	●		●		—	0.9				
11ER1.5MJ	11EL1.5MJ	1.25	●		●		—	1.0				
11ER2.0MJ	11EL2.0MJ	2.0	●		●		—	1.3				
16ER0.7MJ	16EL0.7MJ	0.7	●		●		—	0.6	16	9.525	4.0	3.65
16ER0.75MJ	16EL0.75MJ	0.75	●		●		—	0.6				
16ER0.8MJ	16EL0.8MJ	0.8	●		●		—	0.6				
16ER1.0MJ	16EL1.0MJ	1.0	●		●		—	0.7				
16ER1.25MJ	16EL1.25MJ	1.25	●		●		—	0.9				
16ER1.5MJ	16EL1.5MJ	1.5	●		●		—	1.0				
16ER2.0MJ	16EL2.0MJ	2.0	●		●		—	1.3				
16ER2.5MJ	16EL2.5MJ	2.5	●		●		—	1.5				
16ER3.0MJ	16EL3.0MJ	3.0	●		●		—	1.6				

● Standard stock ○ Order production

MJ-60°

Internal

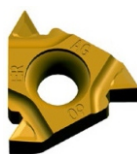
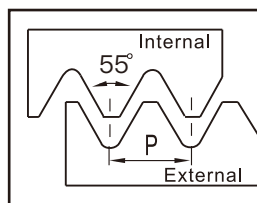


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WSS020		r	Y	L	IC	d	T
			R	L	R	L						
11NR0.75MJ	11NL0.75MJ	0.75	●		●		—	0.6	11	6.35	3.0	3.18
11NR0.8MJ	11NL0.8MJ	0.8	●		●		—	0.6				
11NR1.0MJ	11NL1.0MJ	1.0	●		●		—	0.6				
11NR1.0MJ	11NL1.0MJ	1.0	●		●		—	0.7				
11NR1.25MJ	11NL1.25MJ	1.25	●		●		—	0.9				
11NR1.5MJ	11NL1.5MJ	1.25	●		●		—	1.0				
11NR2.0MJ	11NL2.0MJ	2.0	●		●		—	1.0				
16NR0.7MJ	16NL0.7MJ	0.7	●		●		—	0.6	16	9.525	4.0	3.65
16NR0.75MJ	16NL0.75MJ	0.75	●		●			0.6				
16NR0.8MJ	16NL0.8MJ	0.8	●		●			0.6				
16NR1.0MJ	16NL1.0MJ	1.0	●		●		—	0.7				
16NR1.25MJ	16NL1.25MJ	1.25	●		●		—	0.9				
16NR1.5MJ	16NL1.5MJ	1.5	●		●		—	1.0				
16NR2.0MJ	16NL2.0MJ	2.0	●		●		—	1.3				
16NR2.5MJ	16NL2.5MJ	2.5	●		●		—	1.5				
16NR3.0MJ	16NL3.0MJ	3.0	●		●		—	1.6				

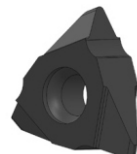
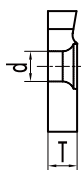
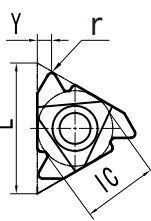
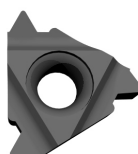
● Standard stock ○ Order production

Whitworth W-55°

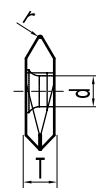
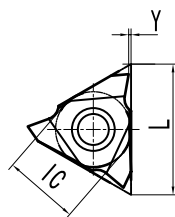
External

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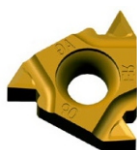
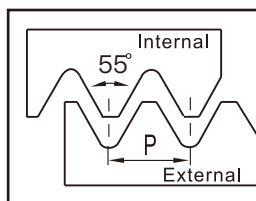


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L						
16ER14W-M		14	●				○		○		0.25	1.1	16	9.525	4.0	3.65
16ER11W-M		11	●				○		○		0.32	1.4				
11ER28W	11EL28W	28					○		○		0.13	0.8	11	6.35	3.0	3.18
11ER26W	11EL26W	26					○		○		0.14	0.8				
11ER24W	11EL24W	24					○		○		0.15	0.8				
11ER20W	11EL20W	20					○		○		0.18	1.0				
11ER19W	11EL19W	19					○		○		0.19	1.0				
11ER18W	11EL18W	18					○		○		0.2	1.0				
11ER16W	11EL16W	16					○		○		0.22	1.0				
11ER14W	11EL14W	14					○		○		0.25	1.0	16	9.525	4.0	3.65
16ER28W	16EL28W	28	●				○		○		0.13	0.9				
16ER26W	16EL26W	26									0.14	0.9				
16ER24W	16EL24W	24	●				○		○		0.15	0.9				
16ER20W	16EL20W	20	●				○		○		0.18	0.9				
16ER19W	16EL19W	19	●				○		○		0.19	0.9				
16ER18W	16EL18W	18	●				○		○		0.2	0.9				
16ER16W	16EL16W	16	●				○		○		0.22	0.9				
16ER14W	16EL14W	14	●				○		○		0.25	1.1				
16ER12W	16EL12W	12	●				○		○		0.29	1.4				
16ER11W	16EL11W	11	●				○		○		0.32	1.4	22	12.7	5.1	4.9
16ER10W	16EL10W	10	●				○		○		0.35	1.4				
16ER9W	16EL9W	9	●				○		○		0.39	1.7				
16ER8W	16EL8W	8	●				○		○		0.44	1.7				
16ER7W	16EL7W	7									0.5	1.7				
22ER7W	22EL7W	7									0.5	2.4				
22ER6W	22EL6W	6	●				○		○		0.59	2.4				
22ER5W	22EL5W	5	●				○		○		0.7	2.6	27	15.875	6.35	6.4
22ER4.5W	22EL4.5W	4.5									0.79	2.7				
22ER4W	22EL4W	4	●				○		○		0.89	2.7				
27ER4.5W	27EL4.5W	4.5									0.79					
27ER4W	27EL4W	4									0.89					8.7
27VER4W	27VEL4W	4									0.89					
27VER3W	27VEL3W	3									1.16					
27VER2.5W	27VEL2.5W	2.5									1.4					10.5

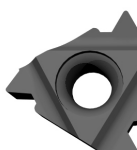
● Standard stock ○ Order production

Whitworth W-55°

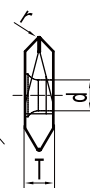
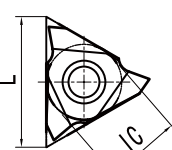
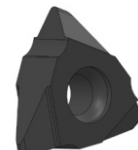
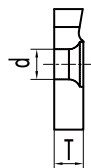
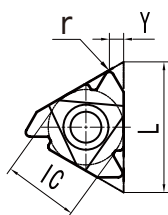
Internal

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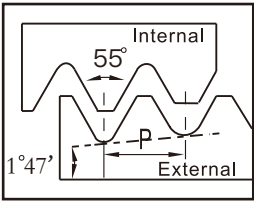


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L						
16NR14W-M		14	●				○		○		0.25	0.9	16	9.525	4.0	3.65
16NR11W-M		11	●				○		○		0.32	1.1				
11NR28W	11NL28W	28					○		○		0.13	0.8	11	6.35	3.0	3.18
11NR26W	11NL26W	26					○		○		0.14	0.8				
11NR24W	11NL24W	24					○		○		0.15	0.8				
11NR20W	11NL20W	20					○		○		0.18	1.0				
11NR19W	11NL19W	19					○		○		0.19	1.0				
11NR18W	11NL18W	18					○		○		0.2	1.0				
11NR16W	11NL16W	16					○		○		0.22	1.0				
11NR14W	11NL14W	14					○		○		0.25	1.0	16	9.525	4.0	3.65
16NR28W	16NL28W	28	●				○		○		0.13	0.9				
16NR26W	16NL26W	26									0.14	0.9				
16NR24W	16NL24W	24	●				○		○		0.15	0.9				
16NR20W	16NL20W	20	●				○		○		0.18	0.9				
16NR19W	16NL19W	19	●				○		○		0.19	0.9				
16NR18W	16NL18W	18	●				○		○		0.2	0.9				
16NR16W	16NL16W	16	●				○		○		0.22	0.9				
16NR14W	16NL14W	14	●				○		○		0.25	1.1				
16NR12W	16NL12W	12	●				○		○		0.29	1.4				
16NR11W	16NL11W	11	●				○		○		0.32	1.4				
16NR10W	16NL10W	10	●				○		○		0.35	1.4				
16NR9W	16NL9W	9	●				○		○		0.39	1.7	22	12.7	5.1	4.9
16NR8W	16NL8W	8	●				○		○		0.44	1.7				
16NR7W	16NL7W	7									0.5	1.7				
22NR7W	22NL7W	7									0.5	2.4				
22NR6W	22NL6W	6	●				○		○		0.59	2.4				
22NR5W	22NL5W	5	●				○		○		0.7	2.6				
22NR4.5W	22NL4.5W	4.5									0.79	2.7				
22NR4W	22NL4W	4	●				○		○		0.89	2.7	27	15.875	6.35	6.4
27NR4.5W	27NL4.5W	4.5									0.79					8.7
27NR4W	27NL4W	4									0.89					
27VNR4W	27VNL4W	4									0.89					
27VNR3W	27VNL3W	3									1.16					
27VNR2.5W	27VNL2.5W	2.5									1.4					10.5

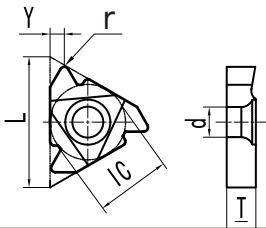
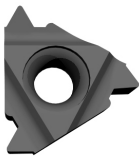
● Standard stock ○ Order production

BSPT-55°

External



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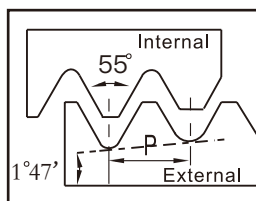


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11ER28BSPT	11EL28BSPT	28	●		○		○		0.13	0.8	11	6.35	3.0	3.18
11ER19BSPT	11EL19BSPT	19	●	○	○		○		0.19	1.0				
11ER14BSPT	11EL14BSPT	14	●	○	○		○		0.25	1.0				
16ER28BSPT	16EL28BSPT	28	●	○	○		○		0.13	1.0	16	9.525	4.0	3.65
16ER19BSPT	16EL19BSPT	19	●	○	○		○		0.19	1.0				
16ER14BSPT	16EL14BSPT	14	●	○	○		○		0.25	1.0				
16ER11BSPT	16EL11BSPT	11	●	○	○		○		0.32	1.0				

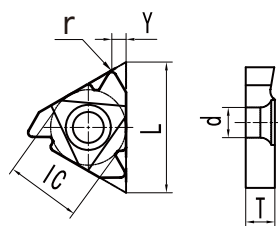
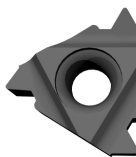
● Standard stock ○ Order production

BSPT-55°

Internal



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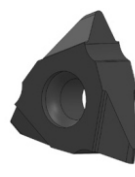
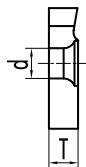
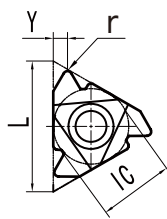
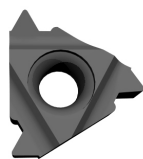
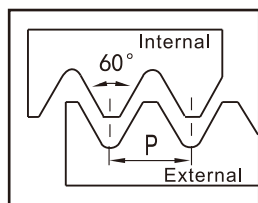


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR28BSPT	11NL28BSPT	28	●		○		○		0.13	0.8	11	6.35	3.0	3.18
11NR19BSPT	11NL19BSPT	19	●	○	○		○		0.19	1.0				
11NR14BSPT	11NL14BSPT	14	●	○	○		○		0.25	1.0				
16NR28BSPT	16NL28BSPT	28	●	○	○		○		0.13	1.0	16	9.525	4.0	3.65
16NR19BSPT	16NL19BSPT	19	●	○	○		○		0.19	1.0				
16NR14BSPT	16NL14BSPT	14	●	○	○		○		0.25	1.0				
16NR11BSPT	16NL11BSPT	11	●	○	○		○		0.32	1.0				

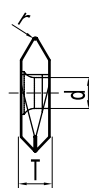
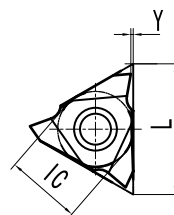
● Standard stock ○ Order production

American UN-60°

External

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GB/T 20667-20670

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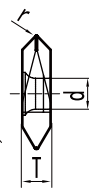
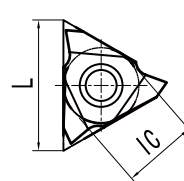
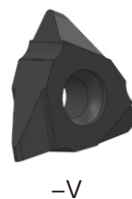
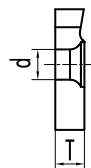
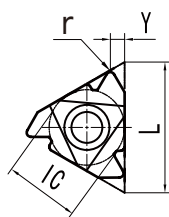
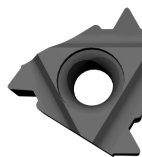
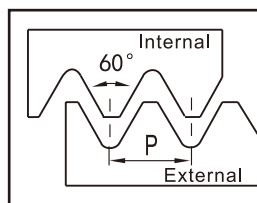


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11ER32UN	11EL32UN	32							0.11	0.8	11	6.35	3.0	3.18
11ER28UN	11EL28UN	28							0.13	0.8				
11ER24UN	11EL24UN	24							0.16	0.8				
11ER20UN	11EL20UN	20							0.18	0.8				
11ER18UN	11EL18UN	18							0.2	0.8				
11ER16UN	11EL16UN	16							0.23	1.0				
11ER14UN	11EL14UN	14							0.26	1.0				
11ER12UN	11EL12UN	12							0.3	1.1	16	9.525	4.0	3.65
16ER32UN	16EL32UN	32							0.11	0.8				
16ER28UN	16EL28UN	28							0.13	0.8				
16ER24UN	16EL24UN	24	●	○	○		○		0.16	0.8				
16ER20UN	16EL20UN	20	●	○	○		○		0.18	0.8				
16ER18UN	16EL18UN	18	●	○	○		○		0.2	0.8				
16ER16UN	16EL16UN	16	●	○	○		○		0.23	1.0				
16ER14UN	16EL14UN	14	●	○	○		○		0.26	1.2				
16ER12UN	16EL12UN	12	●	○	○		○		0.3	1.2				
16ER11UN	16EL11UN	11							0.33	1.4				
16ER10UN	16EL10UN	10	●	○	○		○		0.36	1.4	22	12.7	5.1	4.9
16ER9UN	16EL9UN	9							0.41	1.6				
16ER8UN	16EL8UN	8	●	○	○		○		0.46	1.6				
22ER7UN	22EL7UN	7							0.52	2.3				
22ER6UN	22EL6UN	6	○	○					0.61	2.3				
22ER5UN	22EL5UN	5							0.75	2.5				
22ER4.5UN	22EL4.5UN	4.5							0.83	2.6	27	15.875	6.35	6.4
22ER4UN	22EL4UN	4	○	○	○				0.93	2.9				
27ER4.5UN	27EL4.5UN	4.5								2.6				
27ER4UN	27EL4UN	4								2.9				
27VER4UN	27VEL4UN	4								4.35				8.7
27VER3UN	27VEL3UN	3								5.0				

● Standard stock ○ Order production

American UN-60°

Internal

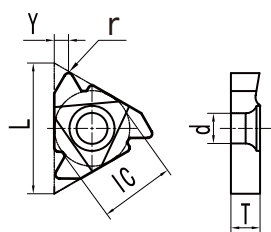
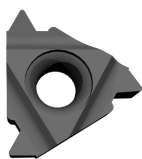
ISO 68
GB/T 20667-20670

右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR32UN	11NL32UN	32	○		○		○		0.05	0.8	11	6.35	3.0	3.18
11NR28UN	11NL28UN	28	○		○		○		0.07	0.8				
11NR24UN	11NL24UN	24	●		○		○		0.08	0.8				
11NR20UN	11NL20UN	20	●		○		○		0.09	0.8				
11NR18UN	11NL18UN	18	●		○		○		0.1	0.8				
11NR16UN	11NL16UN	16	●		○		○		0.11	1.0				
11NR14UN	11NL14UN	14	●		○		○		0.13	1.0				
11NR12UN	11NL12UN	12	●		○		○		0.15	1.1	16	9.525	4.0	3.65
16NR32UN	16NL32UN	32							0.05	0.8				
16NR28UN	16NL28UN	28							0.07	0.8				
16NR24UN	16NL24UN	24	●		○		○		0.08	0.8				
16NR20UN	16NL20UN	20	●		○		○		0.09	0.8				
16NR18UN	16NL18UN	18	●		○		○		0.1	0.8				
16NR16UN	16NL16UN	16	●		○		○		0.11	1.0				
16NR14UN	16NL14UN	14	●		○		○		0.13	1.2				
16NR12UN	16NL12UN	12	●		○		○		0.15	1.2				
16NR11UN	16NL11UN	11							0.16	1.4				
16NR10UN	16NL10UN	10	●		○		○		0.18	1.4	22	12.7	5.1	4.9
16NR9UN	16NL9UN	9							0.2	1.4				
16NR8UN	16NL8UN	8	●		○		○		0.23	1.4				
22NR7UN	22NL7UN	7							0.26	2.3				
22NR6UN	22NL6UN	6							0.32	2.3				
22NR5UN	22NL5UN	5							0.38	2.5				
22NR4.5UN	22NL4.5UN	4.5							0.41	2.5				
22NR4UN	22NL4UN	4							0.46	2.5	27	15.875	6.35	6.4
27NR4.5UN	27NL4.5UN	4.5								2.5				
27NR4UN	27NL4UN	4								2.5				
27VNR4UN	27VNL4UN	4												8.7
27VNR3UN	27VNL3UN	3												

● Standard stock ○ Order production

American UNJ-60°

External

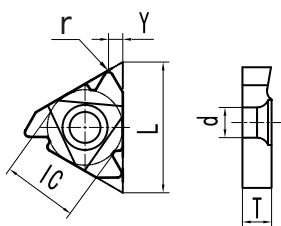
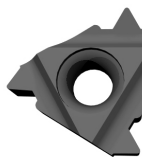


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WSS020		r	Y	L	IC	d	T
			R	L	R	L						
11ER48UNJ	11EL48UNJ	48					—	0.5	11	6.35	3.0	3.18
11ER44UNJ	11EL44UNJ	44					—	0.6				
11ER40UNJ	11EL40UNJ	40					—	0.6				
11ER36UNJ	11EL36UNJ	36					—	0.6				
11ER32UNJ	11EL32UNJ	32					—	0.7				
11ER28UNJ	11EL28UNJ	28					—	0.7				
11ER24UNJ	11EL24UNJ	24					—	0.8				
11ER20UNJ	11EL20UNJ	20					—	0.9				
11ER18UNJ	11EL18UNJ	18					—	1.0				
11ER16UNJ	11EL16UNJ	16					—	1.1				
11ER14UNJ	11EL14UNJ	14			○		—	1.2	16	9.525	4.0	3.65
16ER48UNJ	16EL48UNJ	48	●		○		—	0.5				
16ER44UNJ	16EL44UNJ	44	●		○		—	0.6				
16ER40UNJ	16EL40UNJ	40	●		○		—	0.6				
16ER36UNJ	16EL36UNJ	36	●		○		—	0.6				
16ER32UNJ	16EL32UNJ	32	●		○		—	0.7				
16ER28UNJ	16EL28UNJ	28	●				—	0.7				
16ER24UNJ	16EL24UNJ	24	●		○		—	0.8				
16ER20UNJ	16EL20UNJ	20	●				—	0.9				
16ER18UNJ	16EL18UNJ	18	○	○	○		—	1.0				
16ER16UNJ	16EL16UNJ	16					—	1.1				
16ER14UNJ	16EL14UNJ	14					—	1.2				
16ER13UNJ	16EL13UNJ	13					—	1.3				
16ER12UNJ	16EL12UNJ	12					—	1.3				
16ER11UNJ	16EL11UNJ	11	○	○	○		—	1.5				
16ER10UNJ	16EL10UNJ	10					—	1.5				
16ER9UNJ	16EL9UNJ	9					—	1.7				
16ER8UNJ	16EL8UNJ	8					—	1.6				

● Standard stock ○ Order production

American UNJ-60°

Internal

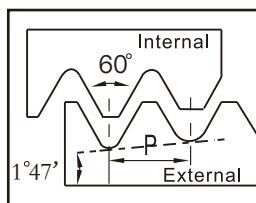


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WMS015		WSS020		r	Y	L	IC	d	T
			R	L	R	L						
11NR48UNJ	11NL48UNJ	48					—	0.5	11	6.35	3.0	3.18
11NR44UNJ	11NL44UNJ	44					—	0.6				
11NR40UNJ	11NL40UNJ	40					—	0.6				
11NR36UNJ	11NL36UNJ	36					—	0.6				
11NR32UNJ	11NL32UNJ	32					—	0.7				
11NR28UNJ	11NL28UNJ	28					—	0.7				
11NR24UNJ	11NL24UNJ	24					—	0.8				
11NR20UNJ	11NL20UNJ	20					—	0.9				
11NR18UNJ	11NL18UNJ	18					—	1.0				
11NR16UNJ	11NL16UNJ	16					—	1.1				
11NR14UNJ	11NL14UNJ	14			○		—	1.2	16	9.525	4.0	3.65
16NR48UNJ	16NL48UNJ	48	●		○		—	0.5				
16NR44UNJ	16NL44UNJ	44	●		○		—	0.6				
16NR40UNJ	16NL40UNJ	40	●		○		—	0.6				
16NR36UNJ	16NL36UNJ	36	●		○		—	0.6				
16NR32UNJ	16NL32UNJ	32	●		○		—	0.7				
16NR28UNJ	16NL28UNJ	28	●				—	0.7				
16NR24UNJ	16NL24UNJ	24	●		○		—	0.8				
16NR20UNJ	16NL20UNJ	20	●				—	0.9				
16NR18UNJ	16NL18UNJ	18	○	○	○		—	1.0				
16NR16UNJ	16NL16UNJ	16					—	1.1				
16NR14UNJ	16NL14UNJ	14					—	1.2				
16NR13UNJ	16NL13UNJ	13					—	1.3				
16NR12UNJ	16NL12UNJ	12					—	1.3				
16NR11UNJ	16NL11UNJ	11	○	○	○		—	1.5				
16NR10UNJ	16NL10UNJ	10					—	1.5				
16NR9UNJ	16NL9UNJ	9					—	1.7				
16NR8UNJ	16NL8UNJ	8					—	1.6				

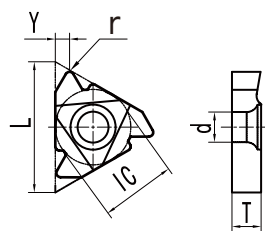
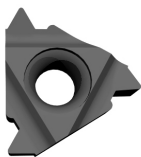
● Standard stock ○ Order production

NPT-60°

External



ASME B.20.1
GB/T 12716

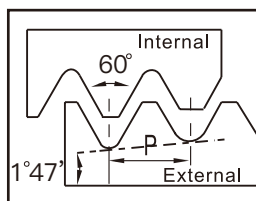


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11ER27NPT	11EL27NPT	27	●							1.0	11	6.35	3.0	3.18
11ER18NPT	11EL18NPT	18	●						0.03	1.0				
11ER14NPT	11EL14NPT	14	●						0.04	1.1				
16ER27NPT	16EL27NPT	27	●	○						1.0	16	9.525	4.0	3.65
16ER18NPT	16EL18NPT	18	●	○					0.03	1.0				
16ER14NPT	16EL14NPT	14	●	○					0.04	1.3				
16ER11.5NPT	16EL11.5NPT	11.5	●	○					0.05	1.5				
16ER8NPT	16EL8NPT	8	●	○					0.07	1.8				

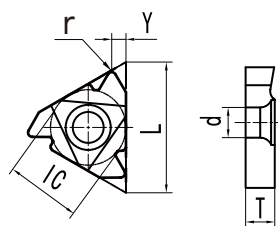
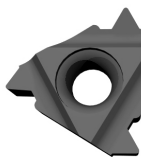
● Standard stock ○ Order production

NPT-60°

Internal



ASME B.20.1
GB/T 12716

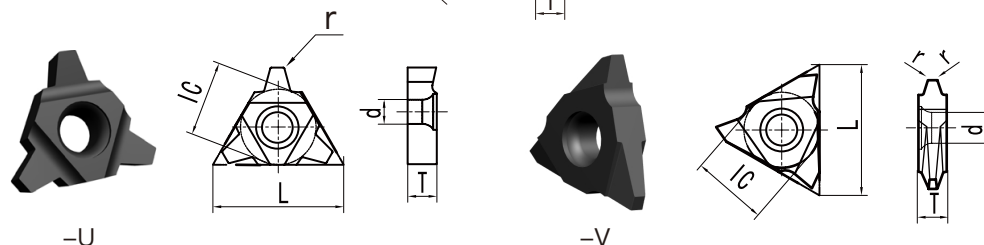
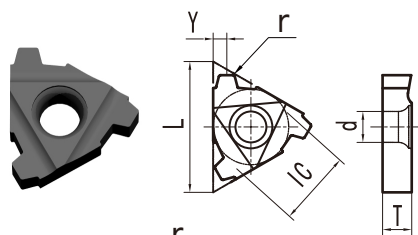
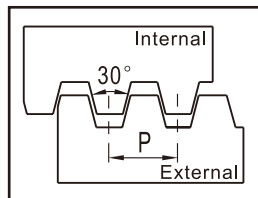


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR27NPT	11NL27NPT	27	●		○		○			1.0	11	6.35	3.0	3.18
11NR18NPT	11NL18NPT	18	●	○	○		○		0.03	1.0				
11NR14NPT	11NL14NPT	14	●	○	○		○		0.04	1.1				
16NR27NPT	16NL27NPT	27	●	○	○		○			1.0	16	9.525	4.0	3.65
16NR18NPT	16NL18NPT	18	●	○	○		○		0.03	1.0				
16NR14NPT	16NL14NPT	14	●	○	○		○		0.04	1.3				
16NR11.5NPT	16NL11.5NPT	11.5	●	○	○		○		0.05	1.5				
16NR8NPT	16NL8NPT	8	●	○	○		○		0.07	1.8				

● Standard stock ○ Order production

Trapez TR-30°

External

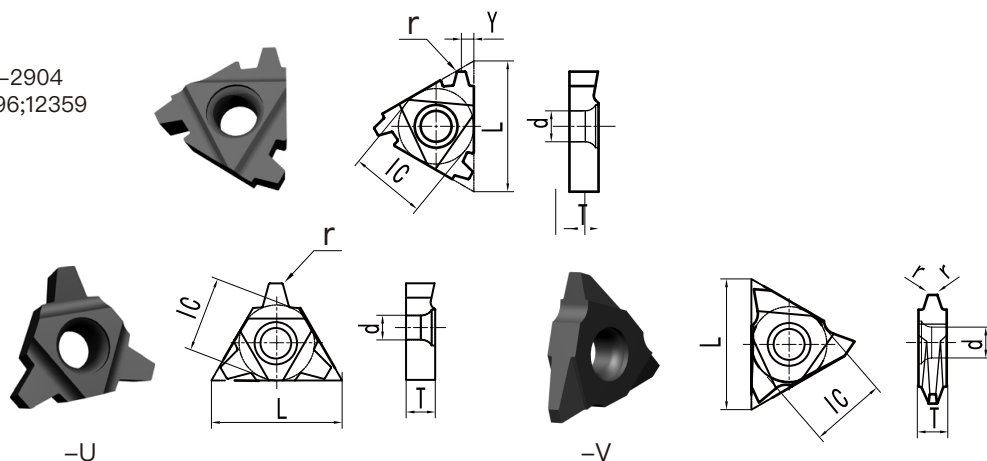
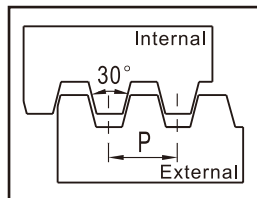
ISO 2901-2904
GB/T 5796;12359

右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16ER1.5TR	16EL1.5TR	1.5	●						0.1	1.1	16	9.525	4.0	3.65
16ER2.0TR	16EL2.0TR	2.0	●						0.1	1.3				
16ER3.0TR	16EL3.0TR	3.0	●						0.1	1.5				
22ER4.0TR	22EL4.0TR	4.0	●						0.1	1.9	22	12.7	5.1	4.9
22ER5.0TR	22EL5.0TR	5.0	●						0.1	2.2				
22ER6.0TR	22EL6.0TR	6.0	●						0.25	2.3				
27ER6.0TR	27EL6.0TR	6.0	●						0.25	2.5	27	15.875	6.35	6.4
27ER7.0TR	27EL7.0TR	7.0	●						0.25	2.7				
22VER4.0TR	22VEL4.0TR	4.0	●						0.1	-	22	12.7	5.1	4.76
22VER5.0TR	22VEL5.0TR	5.0	●						0.1	-				
22VER6.0TR	22VEL6.0TR	6.0	●						0.25	-				
27VER6.0TR	27VEL6.0TR	6.0	●						0.25	-	27	15.875	6.35	6.4
27VER7.0TR	27VEL7.0TR	7.0	●						0.25	-				
27VER8.0TR	27VEL8.0TR	8.0	●						0.25	-				
27VER9.0TR	27VEL9.0TR	9.0	●						0.25	-				
27VER10TR	27VEL10TR	10.0	●						0.3	-				8.7
27VER12TR	27VEL12TR	12.0	●						0.5	-				
35VER14TR	35VEL14TR	14.0	○						0.5	-	35	20	6.35	10.7
16UER3.0TR		3.0	●						0.1	-	16	9.525	4.0	3.65
16UER4.0TR		4.0	●						0.1	-				
16UER5.0TR		5.0	●						0.1	-				
16UER6.0TR		6.0	●						0.25	-				
22UER6.0TR		6.0	●						0.25	-	22	12.7	5.1	4.9
22UER7.0TR		7.0	●						0.25	-				
22UER8.0TR		8.0	●						0.25	-				
27UER7.0TR		7.0	●						0.25	-	27	15.875	6.35	6.4
27UER8.0TR		8.0	●						0.25	-				
27UER9.0TR		9.0	●						0.25	-				
27UER10.0TR		10.0	●						0.3	-				

● Standard stock ○ Order production

Trapez TR-30°

Internal

ISO 2901-2904
GB/T 5796;12359

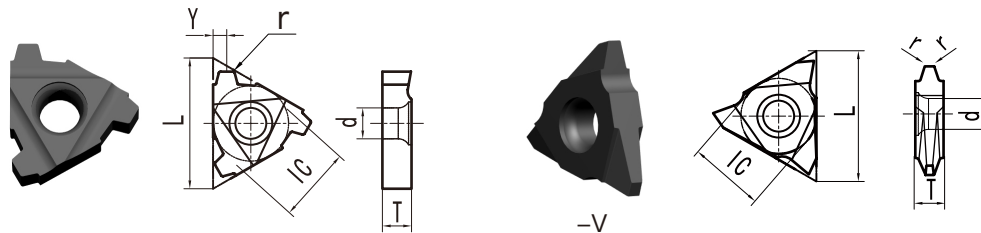
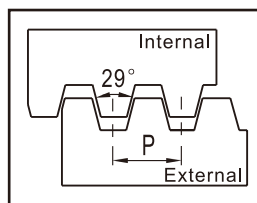
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR1.5TR	11NL1.5TR	1.5	●						0.1	0.7	11	6.35	3.0	3.18
11NR2.0TR	11NL2.0TR	2.0	●						0.1	0.85				
16NR1.5TR	16NL1.5TR	1.5	●						0.1	1.1	16	9.525	4.0	3.65
16NR2.0TR	16NL2.0TR	2.0	●						0.1	1.3				
16NR3.0TR	16NL3.0TR	3.0	●						0.1	1.5				
22NR4.0TR	22NL4.0TR	4.0	●						0.1	1.9	22	12.7	5.1	4.9
22NR5.0TR	22NL5.0TR	5.0	●						0.1	2.2				
22NR6.0TR	22NL6.0TR	6.0	●						0.25	2.3				
27NR6.0TR	27NL6.0TR	6.0	●						0.25	2.5	27	15.875	6.35	6.4
27NR7.0TR	27NL7.0TR	7.0	●						0.25	2.7				
22VNR4.0TR	22VNL4.0TR	4.0	●						0.1	—	22	12.7	5.1	4.76
22VNR5.0TR	22VNL5.0TR	5.0	●						0.1	—				
22VNR6.0TR	22VNL6.0TR	6.0	●						0.25	—				
27VNR6.0TR	27VNL6.0TR	6.0	●						0.25	—	27	15.875	6.35	6.4
27VNR7.0TR	27VNL7.0TR	7.0	●						0.25	—				
27VNR8.0TR	27VNL8.0TR	8.0	●						0.25	—				
27VNR9.0TR	27VNL9.0TR	9.0	●						0.25	—				
27VNR10TR	27VNL10TR	10.0	●						0.3	—				8.7
27VNR12TR	27VNL12TR	12.0	●						0.5	—				
35VER14TR	35VEL14TR	14.0	○						0.5		35	20	6.35	10.7
16UNR3.0TR		3.0	●						0.1	—	16	9.525	4.0	3.65
16UNR4.0TR		4.0	●						0.1	—				
16UNR5.0TR		5.0	●						0.1	—				
16UNR6.0TR		6.0	●						0.25	—				
22UNR6.0TR		6.0	●						0.25	—	22	12.7	5.1	4.9
22UNR7.0TR		7.0	●						0.25	—				
22UNR8.0TR		8.0	●						0.25	—				
27UNR7.0TR		7.0	●						0.25	—	27	15.875	6.35	6.4
27UNR8.0TR		8.0	●						0.25	—				
27UNR9.0TR		9.0	●						0.25	—				
27UNR10.0TR		10.0	●						0.3	—				

● Standard stock ○ Order production

American ACME-29°

External

ASME B1.5
BS 1104



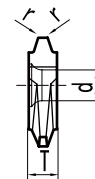
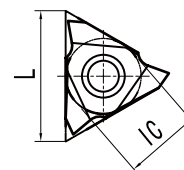
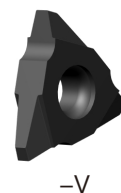
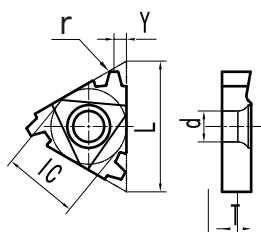
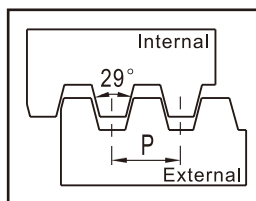
-V

右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16ER16ACME	16EL16ACME	16	●						0.08	1.1	16	9.525	4.0	3.65
16ER14ACME	16EL14ACME	14	●						0.08	1.2				
16ER12ACME	16EL12ACME	12	●						0.1	1.2				
16ER10ACME	16EL10ACME	10	●						0.12	1.4				
16ER8ACME	16EL8ACME	8	●						0.12	1.5				
16ER6ACME	16EL6ACME	6	●						0.2	1.5	22	12.7	5.1	4.76
22ER6ACME	22EL6ACME	6	●						0.2	2.1				
22ER5ACME	22EL5ACME	5	●						0.25	2.1				
22ER4ACME	22EL4ACME	4	●						0.3	2.3				
27ER4ACME	27EL4ACME	4	●						0.3	2.1				
22VER6ACME	22VEL6ACME	6	●						0.2		22	12.7	5.1	4.76
22VER5ACME	22VEL5ACME	5	●						0.25					
22VER4ACME	22VEL4ACME	4	●						0.3					
27VER3.5ACME	27VEL3.5ACME	3.5	●						0.3	2.4	27	15.875	6.35	6.4
27VER3ACME	27VEL3ACME	3	●						0.3	2.4				

● Standard stock ○ Order production

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Internal

ASME B1.5
BS 1104

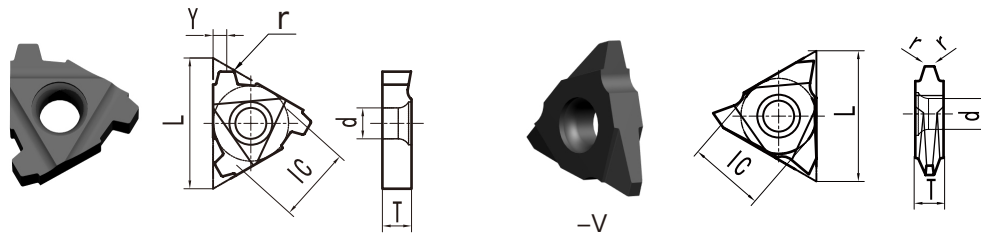
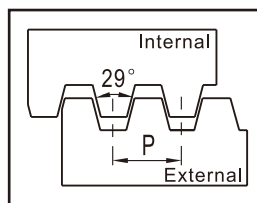
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115				WPS020				WNS010				r	Y	L	IC	d	T
			R	L	R	L	R	L	R	L	R	L	R	L						
11NR16ACME	11NL16ACME	16	●												0.08	1.1	11	6.35	3.0	3.18
11NR14ACME	11NL14ACME	14	●												0.08	1.2				
16NR16ACME	16NL16ACME	16	●												0.08	1.1	16	9.525	4.0	3.65
16NR14ACME	16NL14ACME	14	●												0.08	1.2				
16NR12ACME	16NL12ACME	12	●												0.1	1.2				
16NR10ACME	16NL10ACME	10	●												0.12	1.4				
16NR8ACME	16NL8ACME	8	●												0.12	1.5				
16NR6ACME	16NL6ACME	6	●												0.2	1.5				
22NR6ACME	22NL6ACME	6	●												0.2	2.1	22	12.7	5.1	4.76
22NR5ACME	22NL5ACME	5	●												0.25	2.1				
22NR4ACME	22NL4ACME	4	●												0.3	2.3				
27NR4ACME	27NL4ACME	4	●												0.3	2.1	27	15.875	6.35	6.4
22VNR6ACME	22VNL6ACME	6	●												0.2		22	12.7	5.1	4.76
22VNR5ACME	22VNL5ACME	5	●												0.25					
22VNR4ACME	22VNL4ACME	4	●												0.3					
27VNR3.5ACME	27VNL3.5ACME	3.5	●												0.3	2.4	27	15.875	6.35	6.4
27VNR3ACME	27VNL3ACME	3	●												0.3	2.4				

● Standard stock ○ Order production

Stub ACME

External

ASME B1.8



-V

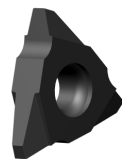
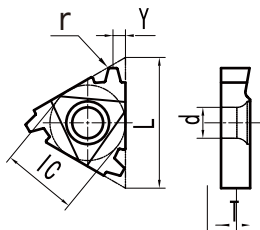
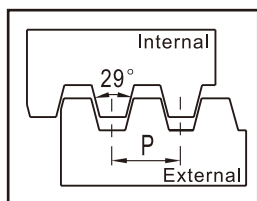
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16ER16STACME	16EL16STACME	16	●						0.08	1.0	16	9.525	4.0	3.65
16ER14STACME	16EL14STACME	14	●						0.08	1.1				
16ER12STACME	16EL12STACME	12	●						0.1	1.2				
16ER10STACME	16EL10STACME	10	●						0.1	1.3				
16ER8STACME	16EL8STACME	8	●						0.16	1.5				
16ER6STACME	16EL6STACME	6	●						0.2	1.5	22	12.7	5.1	4.9
22ER6STACME	22EL6STACME	6	●						0.2	1.8				
22ER5STACME	22EL5STACME	5	●						0.25	2.3				
22ER4STACME	22EL4STACME	4	●						0.3	2.3	27	15.875	6.35	6.4
27ER4STACME	27EL4STACME	4	●						0.3	2.5				
27VER3STACME	27VEL3STACME	3	●						0.3					

● Standard stock ○ Order production

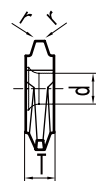
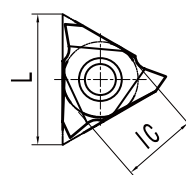
Stub ACME

Internal

ASME B1.8



-V



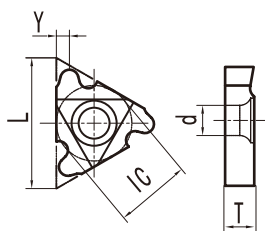
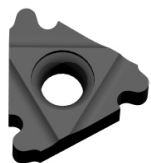
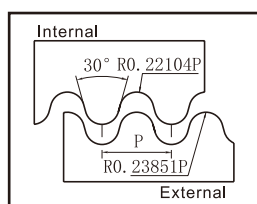
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR16STACME	11NL16STACME	16	●						0.08	1.1	11	6.35	3.0	3.18
11NR14STACME	11NL14STACME	14	●						0.08	1.2				
16NR16STACME	16NL16STACME	16	●						0.08	1.1	16	9.525	4.0	3.65
16NR14STACME	16NL14STACME	14	●						0.08	1.2				
16NR12STACME	16NL12STACME	12	●						0.1	1.2				
16NR10STACME	16NL10STACME	10	●						0.12	1.4				
16NR8STACME	16NL8STACME	8	●						0.12	1.5				
16NR6STACME	16NL6STACME	6	●						0.2	1.5				
22NR6STACME	22NL6STACME	6	●						0.2	2.1	22	12.7	5.1	4.76
22NR5STACME	22NL5STACME	5	●						0.25	2.1				
22NR4STACME	22NL4STACME	4	●						0.3	2.3				
27NR4STACME	27NL4STACME	4	●						0.3	2.1	27	15.875	6.35	6.4
27VNR3STACME	27VNL3STACME	3	●						0.2					

● Standard stock ○ Order production

Round (DIN 405)

External

DIN405 T1-2



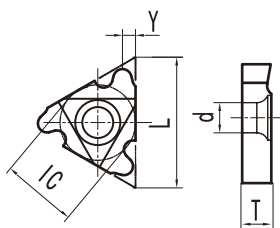
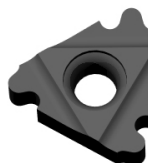
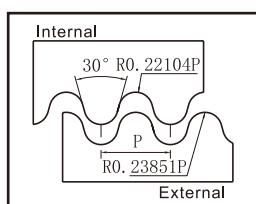
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16ER10RD	16EL10RD	10	●						0.61	1.2	16	9.525	4.0	3.65
16ER8RD	16EL8RD	8	●						0.76	1.3				
16ER6RD	16EL6RD	6	●						1.01	1.7				
22ER6RD	22EL6RD	6	●						1.01	2.0	22	12.7	5.1	4.9
22ER5RD	22EL5RD	5	●						1.21	2.0				
22ER4RD	22EL4RD	4	●						1.51	2.3				

● Standard stock ○ Order production

Round (DIN 405)

Internal

DIN405 T1-2



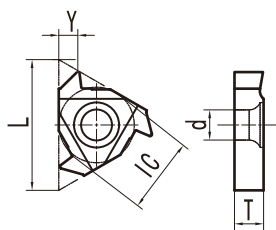
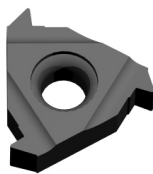
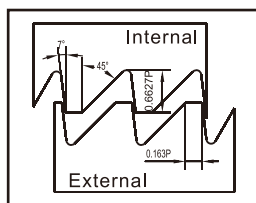
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16NR10RD	16NL10RD	10	●						0.56	1.2	16	9.525	4.0	3.65
16NR8RD	16NL8RD	8	●						0.7	1.3				
16NR6RD	16NL6RD	6	●						0.94	1.7				
22NR6RD	22NL6RD	6	●						0.94	2.0	22	12.7	5.1	4.9
22NR5RD	22NL5RD	5	●						1.12	2.0				
22NR4RD	22NL4RD	4	●						1.4	2.3				

● Standard stock ○ Order production

American buttress ABUT

External

ANSI/ASME B1.9



右手刀片 right hand

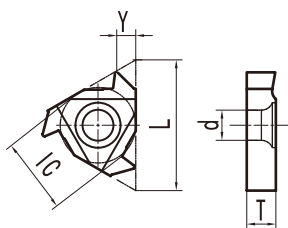
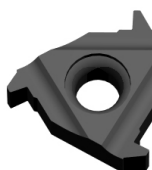
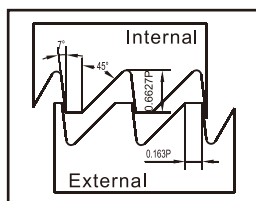
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11ER20ABUT	11EL20ABUT	20	●						—	0.9	11	6.35	3.0	3.18
11ER16ABUT	11EL16ABUT	16	●						—	0.9				
16ER20ABUT	16EL20ABUT	20	●						—	0.9	16	9.525	4.0	3.65
16ER16ABUT	16EL16ABUT	16	●						—	0.9				
16ER12ABUT	16EL12ABUT	12	●						—	1.0				
16ER10ABUT	16EL10ABUT	10	●						—	1.2	22	12.7	5.1	4.9
22ER8ABUT	22EL8ABUT	8	●						—	1.3				
22ER6ABUT	22EL6ABUT	6	●						—	1.5				

● Standard stock ○ Order production

American buttress ABUT

Internal

ANSI/ASME B1.9



右手刀片 right hand

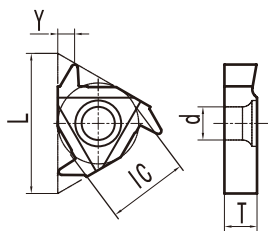
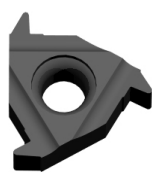
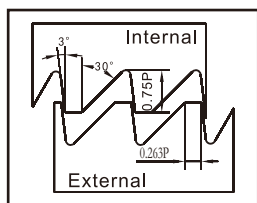
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR20ABUT	11NL20ABUT	20	●						—	0.9	11	6.35	3.0	3.18
11NR16ABUT	11NL16ABUT	16	●						—	0.9				
16NR20ABUT	16NL20ABUT	20	●						—	0.9				
16NR16ABUT	16NL16ABUT	16	●						—	0.9				
16NR12ABUT	16NL12ABUT	12	●						—	1.0				
16NR10ABUT	16NL10ABUT	10	●						—	1.2				
22NR8ABUT	22NL8ABUT	8	●						—	1.3				
22NR6ABUT	22NL6ABUT	6	●						—	1.5				

● Standard stock ○ Order production

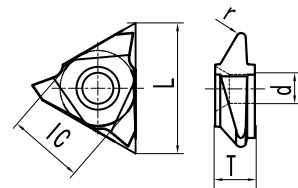
Metric Buttress SAGE

External

DIN513



-V



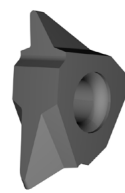
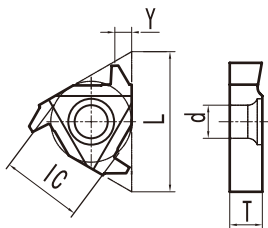
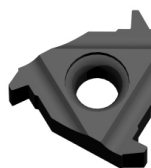
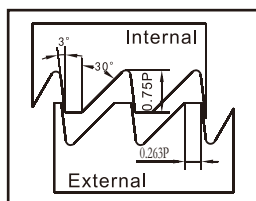
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16ER2.0SAGE	16EL2.0SAGE	2.0	●						0.25	1.3	16	9.525	4.0	3.65
22ER3.0SAGE	22EL3.0SAGE	3.0	○						0.37	1.9	22	12.7	5.1	4.9
22ER4.0SAGE	22EL4.0SAGE	4.0	●						0.5	2.4				
27ER5.0SAGE	27EL5.0SAGE	5.0	○						0.62	3.3	27	15.875	6.35	6.4
22UER5.0SAGE	22UEL5.0SAGE	5.0	○						0.62	11	22	12.7	5.1	4.9
22UER6.0SAGE	22UEL6.0SAGE	6.0	○						0.75	11				
22VER2.0SAGE	22VEL2.0SAGE	2.0	○						0.25	—	22	12.7	5.1	4.76
22VER3.0SAGE	22VEL3.0SAGE	3.0	○						0.37	—				
22VER4.0SAGE	22VEL4.0SAGE	4.0	○						0.5	—				
27VER5.0SAGE	27VEL5.0SAGE	5.0	○						0.62	—	27	15.875	6.35	6.4
27VER6.0SAGE	27VEL5.0SAGE	6.0	●						0.75	2.0				
27VER7.0SAGE	27VEL7.0SAGE	7.0	●						0.87	2.5				
27VER8.0SAGE	27VEL8.0SAGE	8.0	○						0.99	3.0				8.7

● Standard stock ○ Order production

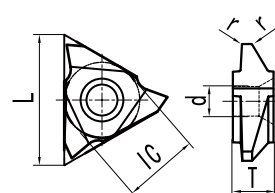
Metric Buttress SAGE

Internal

DIN513



-V



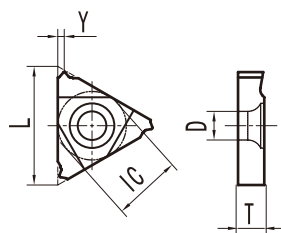
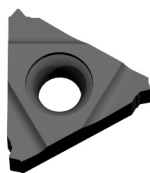
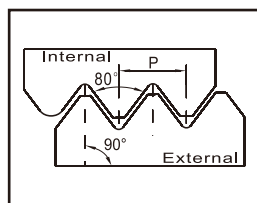
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
16NR2.0SAGE	16NL2.0SAGE	2.0	●						0.08	1.3	16	9.525	4.0	3.65
22NR3.0SAGE	22NL3.0SAGE	3.0	○						0.1	1.9	22	12.7	5.1	4.9
22NR4.0SAGE	22NL4.0SAGE	4.0	●						0.1	2.4				
27NR5.0SAGE	27NL5.0SAGE	5.0	○						0.1	3.3	27	15.875	6.35	6.4
22UNR5.0SAGE	22UNL5.0SAGE	5.0	○						0.1	11	22	12.7	5.1	4.9
22UNR6.0SAGE	22UNL6.0SAGE	6.0	○						0.2	11				
22VNR2.0SAGE	22VNL2.0SAGE	2.0	○						0.08	—	22	12.7	5.1	4.76
22VNR3.0SAGE	22VNL3.0SAGE	3.0	○						0.1	—				
22VNR4.0SAGE	22VNL4.0SAGE	4.0	○						0.1	—				
27VNR5.0SAGE	27VNL5.0SAGE	5.0	○						0.1	—	27	15.875	6.35	6.4
27VNR6.0SAGE	27VNL5.0SAGE	6.0	●						0.2	2.0				
27VNR7.0SAGE	27VNL7.0SAGE	7.0	●						0.2	2.5				
27VNR8.0SAGE	27VNL8.0SAGE	8.0	○						0.2	3.0				8.7

● Standard stock ○ Order production

Pg-80°

External

DIN40430



右手刀片 right hand

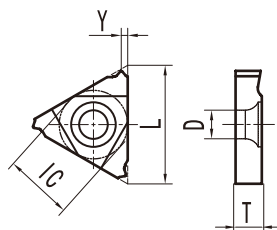
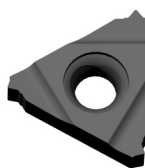
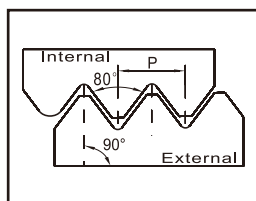
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11ER20Pg	11EL20Pg	20	●						—	0.9	11	6.35	3.0	3.18
11ER18Pg	11EL18Pg	18	●						—	1				
11ER16Pg	11EL16Pg	16	●						—	1.1				
16ER20Pg	16EL20Pg	20	●						—	0.9	16	9.525	4.0	3.65
16ER18Pg	16EL18Pg	18	●						—	1				
16ER16Pg	16EL16Pg	16	●						—	1.1				

● Standard stock ○ Order production

Pg-80°

Internal

DIN40430



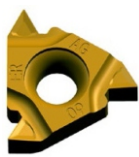
右手刀片 right hand

右螺纹 Right hand	左螺纹 Left hand	齿距 pitch mm	WM0115		WPS020		WNS010		r	Y	L	IC	d	T
			R	L	R	L	R	L						
11NR20Pg	11NL20Pg	20	●						—	0.9	11	6.35	3.0	3.18
11NR18Pg	11NL18Pg	18	●						—	1				
11NR16Pg	11NL16Pg	16	●						—	1.1				
16NR20Pg	16NL20Pg	20	●						—	0.9	16	9.525	4.0	3.65
16NR18Pg	16NL18Pg	18	●						—	1				
16NR16Pg	16NL16Pg	16	●						—	1.1				

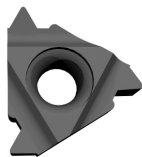
● Standard stock ○ Order production

Partial profile 60°

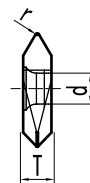
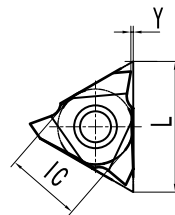
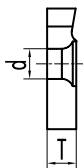
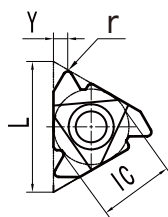
External



-M



-V

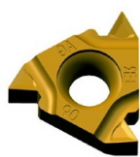


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
		mm	tpi	R	L	R	L	R	L	R	L						
16ERAG60-M		0.5-3.0	48-8	●		●						0.07	1.7	16	9.525	4.0	3.65
16ERG60-M		1.75-30	48-8	●		●						0.25	1.7				
22ERN60-M		3.5-5.0	7-5	●		●						0.4	1.7				
11ERA60	11ELA60	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9	16	9.525	4.0	3.65
16ERA60	16ELA60	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9				
16ERAG60	16ELAG60	0.5-3.0	48-8	●	○			●	○	●		0.07	1.7				
16ERG60	16ELG60	1.75-30	18-8	●	○			●	○	●		0.25	1.7	22	12.7	5.1	4.9
22ERN60	22ELN60	3.5-5.0	7-5	●	○			●	○	●		0.4	2.5				
27ERQ60	27ELQ60	5.5-6.0	5.5-6	○	○			○	○			0.79					
16VERAG60	16VELAG60	0.5-3.0	48-8	●	○			○	○			0.07		16	12.7	5.1	3.65
27VERV60	27VELV60	6.0-9.0	4-3	○	○			○	○			0.87		27	15.875	6.35	8.7

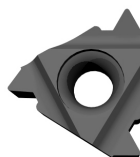
● Standard stock ○ Order production

Partial profile 60°

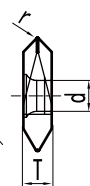
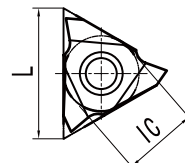
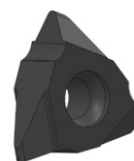
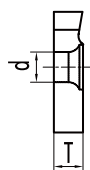
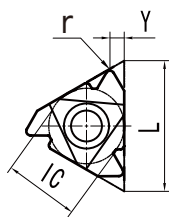
Internal



-M



-V



右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
		mm	tpi	R	L	R	L	R	L	R	L						
11NRA60-M		0.5-1.5	48-16	●		●						0.07	0.9	11	6.35	3.0	3.18
16NRAG60-M		0.5-3.0	48-8	●		●						0.07	1.7	16	9.525	4.0	3.65
16NRG60-M		1.75-30	48-8	●		●						0.13	1.7				
22NRN60-M		3.5-5.0	7-5	●		●						0.4	1.7	22	12.7	5.1	4.9
06NRA60	06NLA60	0.5-1.5	48-16	●						●		0.07		06		2.1	1.91
08NRA60	08NLA60	0.5-1.5	48-16	●						●		0.07	0.9	08	4.76		2.38
11NRA60	11NLA60	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9	11	6.35	3.0	3.18
16NRA60	16NLA60	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9				
16NRAG60	16NLAG60	0.5-3.0	48-8	●	○			●	○	●		0.07	1.7	16	9.525	4.0	3.65
16NRG60	16NLG60	1.75-30	18-8	●	○			●	○	●		0.13	1.7				
22NRN60	22NLN60	3.5-5.0	7-5	●	○			●	○	●		0.4	2.5	22	12.7	5.1	4.9
27NRQ60	27NLQ60	5.5-6.0	5.5-6	○	○			○	○			0.4		27	15.875	6.35	6.4
16VNRAG60	16VNLAG60	0.5-3.0	48-8	●	○			○	○			0.07		16	12.7	5.1	3.65
27VNRV60	27VNLV60	6.0-9.0	4-3	○	○			○	○			0.43		27	15.875	6.35	8.7

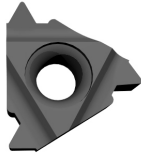
● Standard stock ○ Order production

Partial Profile 55°

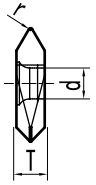
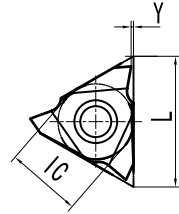
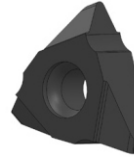
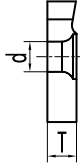
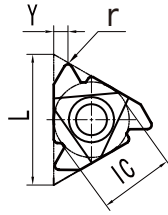
External



-M



-V

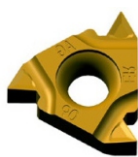


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
		mm	tpi	R	L	R	L	R	L	R	L						
16ERAG55-M		0.5-3.0	48-8	●		●						0.07	1.5	16	9.525	4.0	3.65
11ERA55	11ELA55	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9	11	6.35	3.0	3.18
16ERA55	16ELA55	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9	16	9.525	4.0	3.65
16ERAG55	16ELAG55	0.5-3.0	48-8	●	○			●	○	●		0.07	1.5				
16ERG55	16ELG55	1.75-30	18-8	●	○			●	○	●		0.25	1.5	22	12.7	5.1	4.9
22ERN55	22ELN55	3.5-5.0	7-5	●	○			●	○	●		0.4	2.5				
27ERQ55	27ELQ55	5.5-6.0	4.5-4	○	○			○	○			0.79		27	15.875	6.35	6.4
16VERAG55	16VELAG55	0.5-3.0	48-8	●	○			○	○			0.07		16	12.7	5.1	3.65
27VERV55	27VELV55	6.0-9.0	4-2.5	○	○			○	○			0.89		27	15.875	6.35	8.7

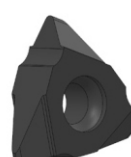
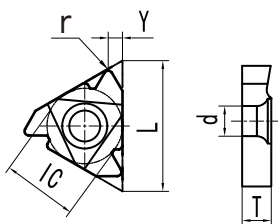
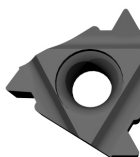
● Standard stock ○ Order production

Partial Profile 55°

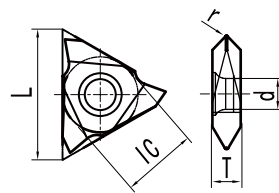
Internal



-M



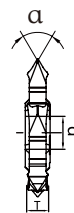
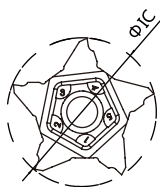
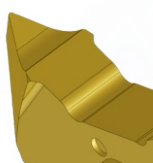
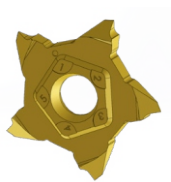
-V



右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS015		WMS115		WPS020		WNS010		r	Y	L	IC	d	T
		mm	tpi	R	L	R	L	R	L	R	L						
16NRA55-M		0.5-3.0	48-8	●		●						0.07	1.5	11	6.35	3.0	3.18
06NRA55	06NLA55	0.5-1.5	48-16	●						●		0.07		06		2.1	1.91
08NRA55	08NLA55	0.5-1.5	48-16	●						●		0.07	0.9	08	4.76		2.38
11NRA55	11NLA55	0.5-1.5	48-16	●	○			●	○	●		0.07	0.9	11	6.35	3.0	3.18
16NRA55	16NLA55	0.5-1.5	48-16	●	○			●	○	●		0.07	1.5	16	9.525	4.0	3.65
16NRAG55	16NLAG55	0.5-3.0	48-8	●	○			●	○	●		0.07	1.5				
16NRG55	16NLG55	1.75-30	18-8	●	○			●	○	●		0.25	1.5				
22NRN55	22NLN55	3.5-5.0	7-5	●	○			●	○	●		0.4	2.5	22	12.7	5.1	4.9
27NRQ55	27NLQ55	5.5-6.0	4.5-4	○	○			○	○			0.79		27	15.875	6.35	6.4
16VNRAG55	16VNLAG55	0.5-3.0	48-8	●	○			○	○			0.07		16	12.7	5.1	3.65
27VNRV55	27VNLV55	6.0-9.0	4-2.5	○	○			○	○			0.89		27	15.875	6.35	8.7

● Standard stock ○ Order production

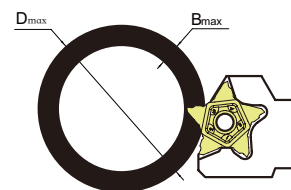
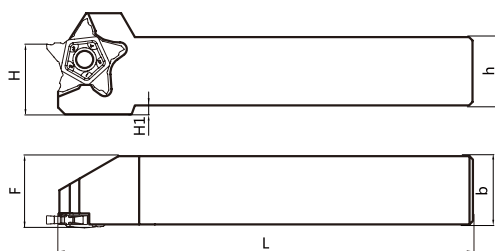
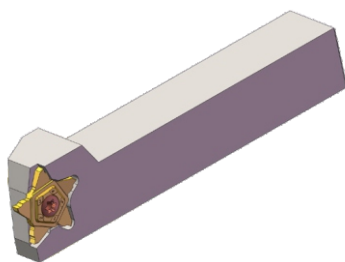
PEN cut (5 cutting edges)



刀片 Insert	螺距 pitch		牙型角度 Tooth angle a	WMS015	WNS010	r	IC	d	T
	mm	tpi							
PEN24-N6001	0.75-1.75	32-14	60	●	○	0.1	24	5.6	4
PEN24-N6002	1.5-2.5	16-10	60	●	○	0.2			
PEN24-N6003	2.0-5.0	13-5	60	●	○	0.3			
PEN24-N5501	-	28-14	55	●	○	0.1			
PEN24-N5502	-	18-10	55	●	○	0.2			
PEN24-N5503	-	12-5	55	●	○	0.3			

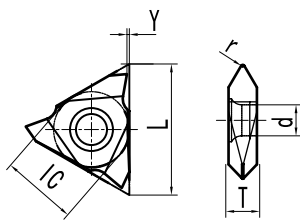
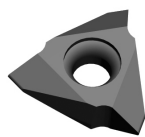
● Standard stock ○ Order production

PEN cut tool holder



右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	h	b	H	F	L	H1	螺钉 Screw	扳手 Wrench
PCHR1010H24	PCHL1010H24	PEN24**	10	10	10	10	100	6	L44M5X13A	T-20
PCHR1212H24	PCHL1212H24		12	12	12	12	100	4		
PCHR1616H24	PCHL1616H24		16	16	16	16	110	—		
PCHR2020K24	PCHL2020K24		20	20	20	20	125	—		
PCHR2525M24	PCHL2525M24		25	25	25	25	150	—		

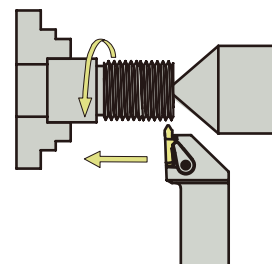
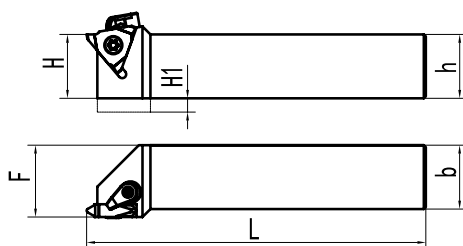
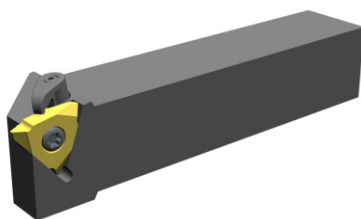
Partial profile 60° V style



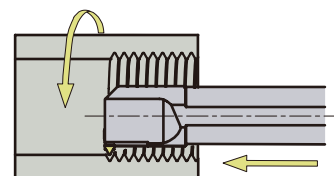
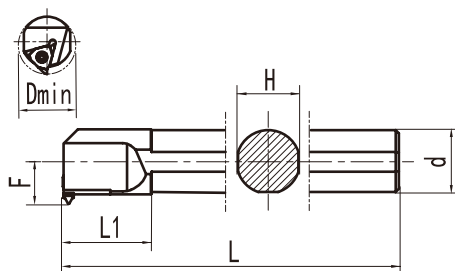
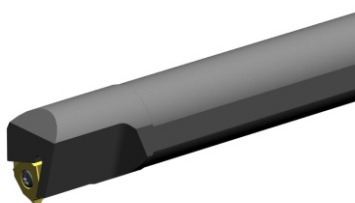
右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS015		WPS020		WNS010		r	Y	L	IC	d	T
		mm	tpi	R	L	R	L	R	L						
MTTR436001	MTTL436001	1.0-1.75	24-14	●	●	○				0.1	0.4	4.76	22	12.7	5
MTTR436002	MTTL436002	2.0-2.5	13-10	●	●	○				0.2					
MTTR436003	MTTL436003	3.0-3.5	9-7	●	●	●				0.3					
MTTR436004	MTTL436004	4.0-5.0	6-5	●	●	○				0.4					
MTTR435501	MTTL435501	-	24-14	●	●	●				0.1					
MTTR435502	MTTL435502	-	13-10	●	●	●				0.2					
MTTR435503	MTTL435503	-	9-7	●	●	●				0.3					
MTTR435504	MTTL435504	-	6-5	●	○	○				0.4					

● Standard stock ○ Order production

Partial profile 60° V style tool holder

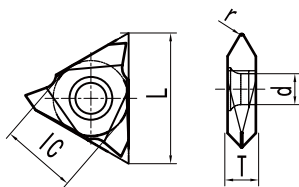
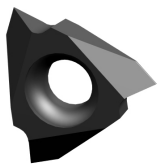


右手刀杆 Right hand	左手刀杆 Left hand	h	b	H	F	L	H1	螺钉 Screw	扳手 Key	压板 Clamp	压板螺钉 Clamp Screw	扳手 Wrench
MTHR1616H43	MTHL1616H43	16	16	16	20	100	3	L60M4.5*12*D6.6	T-20	HL1814	ML0620	L3
MTHR2020K43	MTHL2020K43	20	20	20	25	125	—					
MTHR2525M43	MTHL2525M43	25	25	25	32	150	—					
MTHR3225P43	MTHL3225P43	32	25	32	32	170	—					
MTHR3232P43	MTHL3232P43	32	32	32	40	170	—					



刀杆 Tool holder	刀片 Insert	Dmin	h	L1	d	F	L	螺钉 Screw	扳手 Wrench
SVNR0025R-T43	MTTL43**	32	23	20	25	17.5	220	L60M4.5*12*D6.6	T-20
SVNR0032S-T43		41	30	30	30	22.5	250		
SVNR0040S-T43		48	38	38	40	25	250		

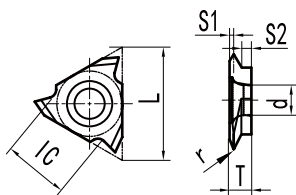
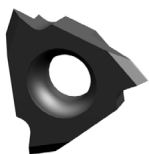
Partial profile 60° V style



右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS025		WNS010		r	L	IC	d	T
		mm	tpi	R	L	R	L					
TT32R6000	TT32L6000	0.5-1.0	48-32	○	○	○		0	16	9.525	4.5	3.18
TT32R6001	TT32L6001	1.0-2.5	28-14	●	○	●		0.1				
TT32R6002	TT32L6002	1.5-2.5	16-10	●	○	●		0.2				
TT32R6003	TT32L6003	2.5	11-10	○	○	○		0.3				
TT32R5501	TT32L5501	—	28-10	○	○	○		0.1				
TT32R5502	TT32L5502	—	14-10	○	○	○		0.2				

● Standard stock ○ Order production

Partial profile 60° V style

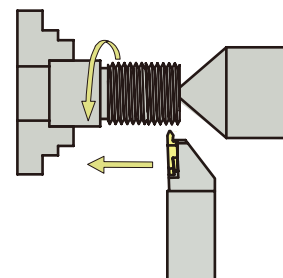
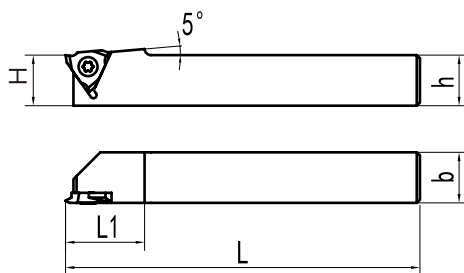
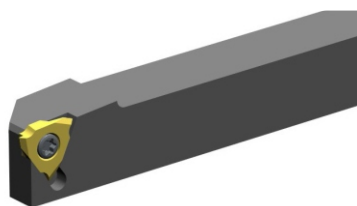


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS025		WNS010		r	S1	S2	L	IC	d	T
		mm	tpi	R	L	R	L							
TTX32R60003	TTX32L60003	0.5-1.0	48-32	●	○	●		0.03	0.6	1.4	16	9.525	4.5	3.18
TTX32R60005	TTX32L60005	0.5-1.0	48-32	●	○	●		0.05	0.6	1.4				
TTX32R6001	TTX32L6001	1.0-2.5	28-14	●	○	●		0.1	1.1	0.53				
TTX32R5501	TTX32L5501	-	28-9	●	○	●		0.1	1.1	0.5				

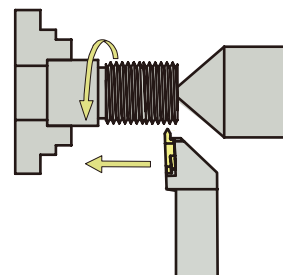
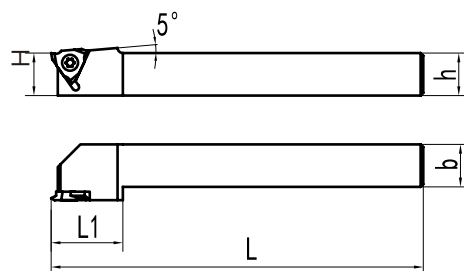
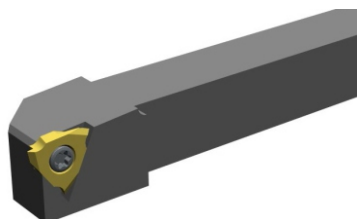
● Standard stock ○ Order production

Partial profile 60° V style tool holder

Type I

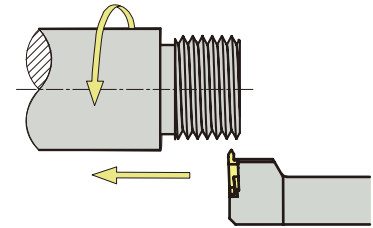
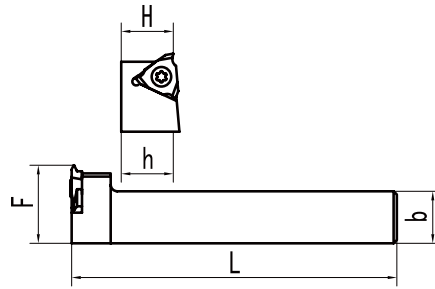
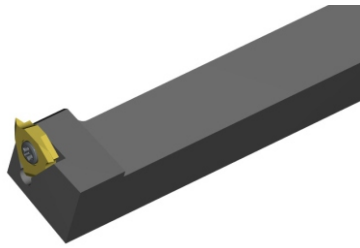


Type II



右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	形式 Type	h	b	H	L1	L	螺钉 Screw	扳手 Wrench
KTTR1010K-16F	KTTL1010K-16F	TT32** TTX32**	Type I	10	10	10	20	125	L60M4*8*D5.7	T-15
KTTR1212K-16F	KTTL1212K-16F			12	12	12	25	125		
KTTR1616M-16F	KTTL1616M-16F			16	16	16	30	150		
KTTR2020K-16	KTTL2020K-16		Type II	20	20	20	20	125		
KTTR2525M-16	KTTL2525M-16			25	25	25	30	150		

Partial profile 60° V style tool holder



刀杆 Tool holder	刀片 Insert	h	b	H	L1	L	螺钉 Screw	扳手 Wrench
KTTL1010H16-A90	TT32** TTX32**	10	10	10	18	100	L60M4*8*D5.7	T-15
KTTL1212H16-A90		12	12	12	20	100		
KTTL1616K16-A90		16	16	16	24	125		
KTTL2020K16-A90		20	20	20	28	125		

A Grooving

B Threading

C Turning

D Drilling

E Milling

F Taps

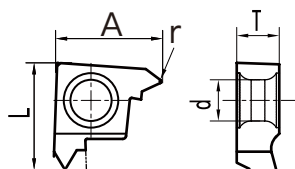
G Special Tools

H Technical Info

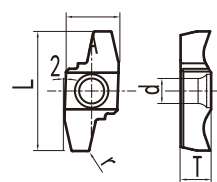
GE



-A & -B



-C & -D

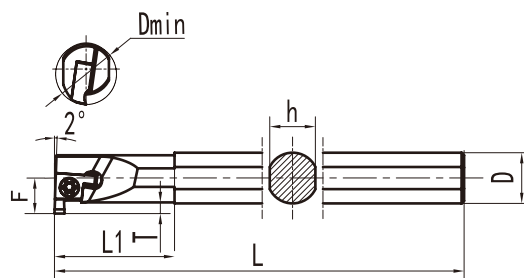


右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS025		WNS010		r	L	IC	d	T
		mm	tpi	R	L	R	L					
GER6001-A	GEL6001-A	0.5-1.5	48-16	○	○	○		0.1	6.5	6.69	2.5	2.58
GER5501-A	GEL5501-A	-	48-16	○	○	○		0.1				
GER6001-B	GEL6001-B	0.5-1.5	48-16	●	○	●		0.1	8.2	8.46	2.7	3.18
GER6002-B	GEL6002-B	1.0-2.5	25-10	●	○	●		0.2				
GER5501-B	GEL5501-B	-	48-16	○	○	○		0.1				
GER2.0TR-B	GEL2.0TR-B	2.0	-	○	○	○		0.1				
GER3.0TR-B	GEL3.0TR-B	3.0	-					0.1				
GER4.0TR-B	GEL4.0TR-B	4.0	-					0.1	11.5	5.8	2.8	4.0
GER3.0TR-C	GEL3.0TR-C	3.0	-					0.1				
GER4.0TR-C	GEL4.0TR-C	4.0	-					0.2				
GER4.0TR-D	GEL4.0TR-D	4.0	-					0.2	16.5	6.8	3.4	5.0
GER5.0TR-D	GEL5.0TR-D	5.0	-					0.2				
GER6.0TR-D	GEL6.0TR-D	6.0	-					0.2				

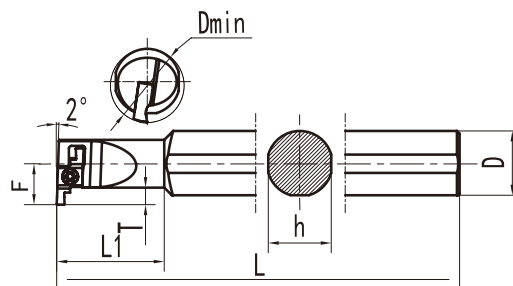
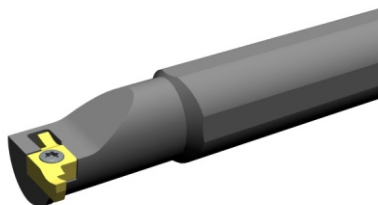
● Standard stock ○ Order production

GE tool holder

Type I

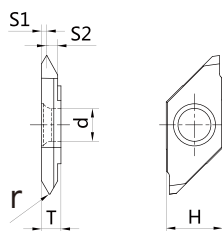
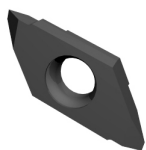


Type II



右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	最小直径 Dmin	形式 Type	T	L1	D	F	h	L	螺钉 Screw	扳手 Wrench
SIGER0808A	SIGEL0808A	GE**-A	8	Type I	1.5	20	8	4.8	7.2	100	L60M2.2*5*D3	T-6
SIGER0808A-WH	SIGEL0808A-WH					28	8	4.8	7.2	125		
SIGER1010B	SIGEL1010B	GE**-B	10		2.2	25	10	6.2	9	125	L60M2.5*6*D3.5	T-8
SIGER1010B-WH	SIGEL1010B-WH					35	10	6.2	9	125		
SIGER1210B	SIGEL1210B		30			10	7	9	125			
SIGER1412C	SIGEL1412C	GE**-C	14	Type II	2.5	33	12	8	11.4	150	L60M2.5*6*D3.5	T-8
SIGER1612C	SIGEL1612C		16			20	12	8.5	11.4	150		
SIGER1616C	SIGEL1616C					36	16	9	15	160		
SIGER2020D	SIGEL2020D	GE**-D	20		4.5	40	20	12.1	19	180	L60M3*8*D4	T-10
SIGER2525D	SIGEL2525D		25		4.2	45	25	12.3	24	200		

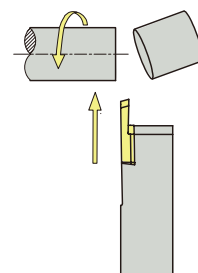
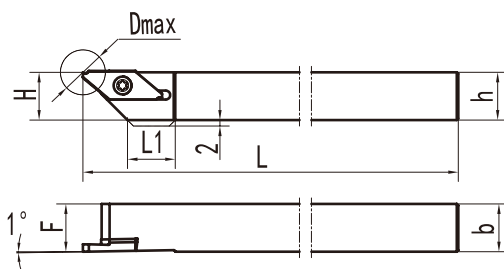
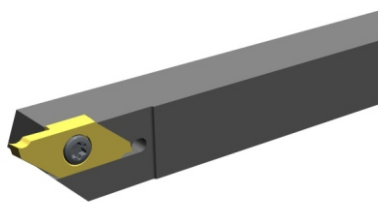
TKFT



右螺纹 Right hand	左螺纹 Left hand	齿距 pitch		WMS025		WNS010		r	S1	S2	H	d	T
		mm	tpi	R	L	R	L						
TKFT12RA60005	TKFT12LA60005	0.5-1.25	48-24	○	○	○		0.05	0.8	1.7	8.7	5	3.0
TKFT12RB60005	TKFT12LB60005	0.5-1.25	48-24	○	○	○		0.05	1.7	0.8			
TKFT12RN6001	TKFT12LN6001	1.0-2.0	24-12	●	○	●		0.1	1.25	1.25			
TKFT12RA55005	TKFT12LA55005	-	48-24	●	○	●		0.05	0.8	1.7			
TKFT12RB55005	TKFT12LB55005	-	48-24	○	○	○		0.05	1.7	0.8			
TKFT12RN5501	TKFT12LN5501	-	24-18	○	○	○		0.1	1.25	1.25	9.5	5	4.0
TKFT16RA60005	TKFT16LA60005	1.0-2.0	24-12					0.05	1.2	2.3			
TKFT16RB60005	TKFT16LB60005	1.0-2.0	24-12					0.05	2.3	1.2			
TKFT16RN6001	TKFT16LN6001	1.0-3.5	24-8					0.1	1.75	1.75			
TKFT16RA6001	TKFT16LA6001	1.0-2.0	24-12					0.1	1.2	2.3			
TKFT16RB6001	TKFT16LB6001	1.0-2.0	24-12					0.1	2.3	1.2			
TKFT16RA55005	TKFT16LA55005	-	24-12					0.05	1.2	2.3			
TKFT16RB55005	TKFT16LB55005	-	24-12					0.05	2.3	1.2			
TKFT16RN5501	TKFT16LN5501	-	24-8					0.1	1.75	1.75			

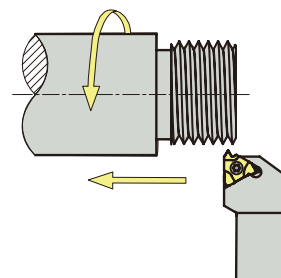
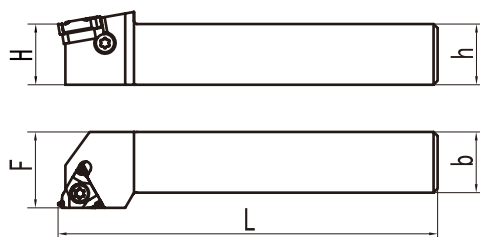
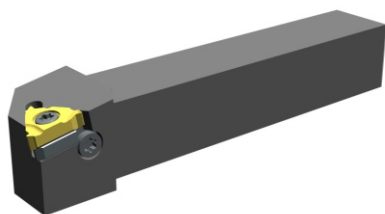
● Standard stock ○ Order production

TKFT Tool holder



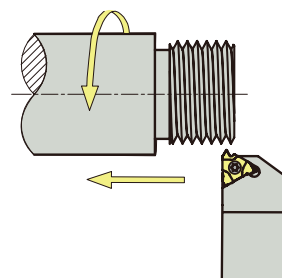
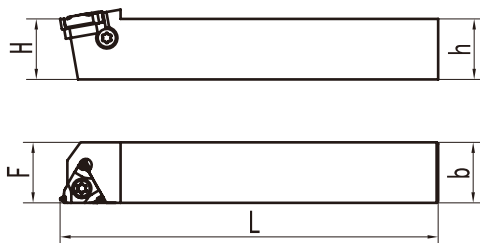
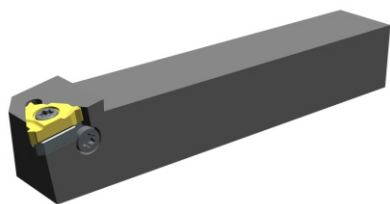
右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	h	b	H	F	L	Dmax	L1	螺钉 Screw	扳手 Wrench
KTKFR1010K-12	KTKFL1010K-12	TKFT12**	10	10	10	10	125	12	15	L60M4*10*D5.7	T-15
KTKFR1212K-12	KTKFL1212K-12		12	12	12	12	150		-		
KTKFR1212M-12	KTKFL1212M-12		12	12	12	12					
KTKFR1616M-12	KTKFL1616M-12		16	16	16	16					
KTKFR2020M-12	KTKFL2020M-12		20	20	20	20					
KTKFR2525M-12	KTKFL2525M-12		25	25	25	25					
KTKFR1010K-16	KTKFL1010K-16	TKF16**	10	10	10	10	125	16	20	L60M4*10*D5.7	T-15
KTKFR1212K-16	KTKFL1212K-16		12	12	12	12	150		-		
KTKFR1212M-16	KTKFL1212M-16		12	12	12	12					
KTKFR1616M-16	KTKFL1616M-16		16	16	16	16					
KTKFR2020M-16	KTKFL2020M-16		20	20	20	20					
KTKFR2525M-16	KTKFL2525M-16		25	25	25	25					

Thread turning tool holder



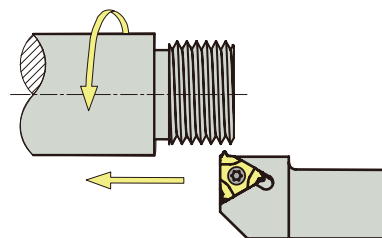
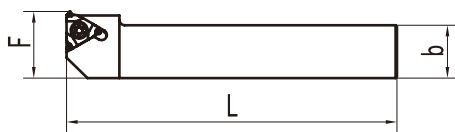
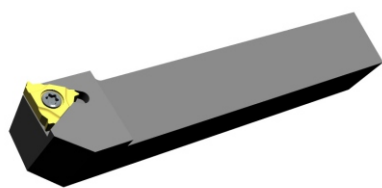
右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	h	b	H	L1	L	螺钉 Screw	扳手 Key	刀垫 Shim	侧面螺钉 Shim screw	扳手 Wrench
SER1212F16	SEL1212F16	16E**	12	12	12	16	80	L60M3.5*12*D5.3	T-15	-	-	-
SER1616H16	SEL1616H16		16	16	16	20	100	L60M3.5*12*D5.3	T-15	-	-	-
SER2020K16	SEL2020K16		20	20	20	25	125	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SER2525M16	SEL2525M16		25	25	25	32	150	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SER3225P16	SEL3225P16		32	32	32	32	170	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SER3232P16	SEL3232P16		32	32	32	40	170	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SER2020K22	SEL2020K22	22E**	20	20	20	25	125	L60M4*14*D5.7	T-20	EGM-22	MQ040080	S2.5
SER2525M22	SEL2525M22		25	25	25	32	150	L60M4*14*D5.7	T-20	EGM-22	MQ040080	S2.5
SER3225P22	SEL3225P22		32	25	32	32	170	L60M4*14*D5.7	T-20	EGM-22	MQ040080	S2.5
SER3232P22	SEL3232R22		32	32	32	40	170	L60M4*14*D5.7	T-20	EGM-22	MQ040080	S2.5
SER4040R22	SEL4040R22		40	40	40	50	200	L60M4*14*D5.7	T-20	EGM-22	MQ040080	S2.5
SER2525M27	SEL2525M27	27E**	25	25	25	32	150	L60M6*16*D8.1	T-20	EGM-27	MQ040080	S2.5
SER3232P27	SEL3232P27		32	32	32	32	170	L60M6*16*D8.1	T-20	EGM-27	MQ040080	S2.5
SER4040R27	SEL4040R27		40	40	40	40	200	L60M6*16*D8.1	T-20	EGM-27	MQ040080	S2.5
SER5050S27	SEL5050S27		50	50	50	50	250	L60M6*16*D8.1	T-20	EGM-27	MQ040080	S2.5

Thread turning tool holder



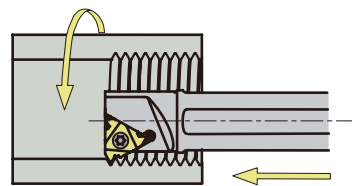
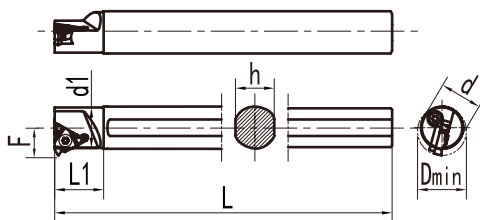
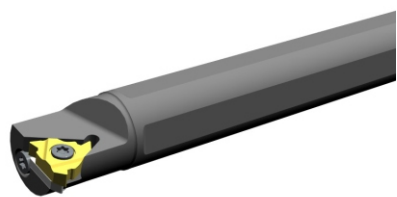
右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	h	b	H	L1	L	螺钉 Screw	扳手 Key	刀垫 Shim	侧面螺钉 Shim screw	扳手 Wrench
SER1010H11-A	SEL1010H11-A	11E**	10	10	10	10	100	L60M2.5*6*D3.5	T-08	-	-	-
SER1212K11-A	SEL1212K11-A		12	12	12	12	125	L60M2.5*6*D3.5	T-08	-	-	-
SER1616H11-A	SEL1616H11-A		16	16	16	16	100	L60M2.5*6*D3.5	T-08	-	-	-
SER1616H16-A	SEL1616H16-A	16E**	16	16	16	16	100	L60M3.5*12*D5.3	T-15	-	-	-
SER2020K16-A	SEL2020K16-A		20	20	20	20	125	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SER2525M16-A	SEL2525M16-A		25	25	25	25	150	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10

Thread turning tool holder



刀杆 Tool holder	刀片 Insert	h	b	H	L1	L	螺钉 Screw	扳手 Wrench
SEL1010K11-A90	11ER**	10	10	10	12	125	L60M2.5*6*D3.5	T-08
SEL1212K11-A90		12	12	12	16	125	L60M2.5*6*D3.5	T-08
SEL1616K11-A90		16	16	16	20	125	L60M2.5*6*D3.5	T-08
SEL1616H16-A90	16ER**	16	16	16	20	100	L60M3.5*12*D5.3	T-15
SEL2020K16-A90		20	20	20	25	125	L60M3.5*12*D5.3	T-15
SEL2525M16-A90		25	25	25	32	150	L60M3.5*12*D5.3	T-15
SEL2525M22-A90	22ER**	25	25	25	32	150	L60M4.5*14*D6.6	T-20

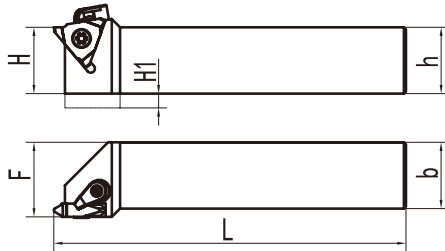
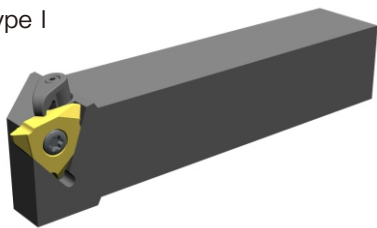
Thread turning tool holder



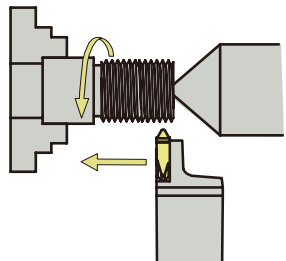
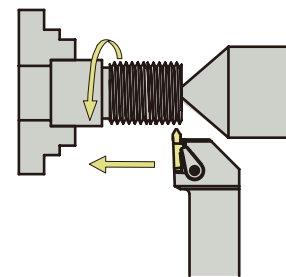
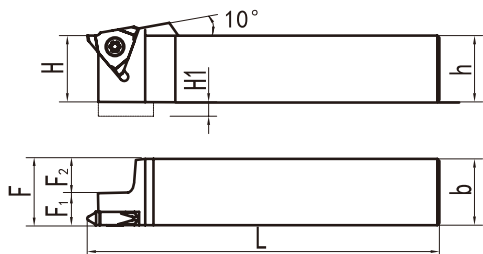
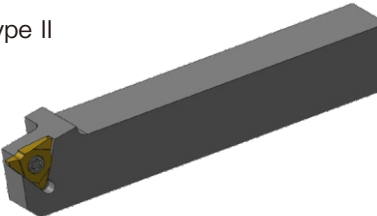
右手刀杆 Right hand	左手刀杆 Left hand	刀片 Insert	Dmin	L1	d1	d	F	L	h	螺钉 Screw	扳手 Key	刀垫 Shim	侧面螺钉 Shim screw	扳手 Wrench
SNR0612H06	SNL0612H06	06N**	6.5	16	5.3	12	3.65	100	11.4	L60M2*4*D2.8	T-06	-	-	-
SNR0712H06	SNL0712H06		7.2	18	6	12	4	100	11.4	L60M2*4*D2.8	T-06	-	-	-
SNR0912H06	SNL0912H06		8.8	24	7.6	12	4.8	100	11.4	L60M2*4*D2.8	T-06	-	-	-
SNR0008H08	SNL0008H08	08N**	8.5	15	7	8	5	100	7.4	L60M2*5*D2.8	T-06	-	-	-
SNR0010K11	SNL0010K11	11N** T11**	12	12	10	10	7.4	125	9	L60M2.5*6*D3.5	T-08	-	-	-
SNR0012K11	SNL0012K11		15	15	12	12	8.4	125	11	L60M2.5*6*D3.5	T-08	-	-	-
SNR0013M11	SNL0013M11		15	25	13	13	8.9	150	12	L60M2.5*6*D3.5	T-08	-	-	-
SNR0013M16	SNL0013M16	16N** T16**	16	25	13	16	10.2	150	15	L60M3.5*12*D5.3	T-15	-	-	-
SNR0013M16-Z	SNL0013M16-Z		16	25	13	13	10.2	150	12	L60M3.5*12*D5.3	T-15	-	-	-
SNR0016M16	SNL0016M16		19	25	15	16	11.7	150	15	L60M3.5*12*D5.3	T-15	-	-	-
SNR0020Q16	SNL0020Q16		24	24	19	20	13.7	180	18	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SNR0025R16	SNL0025R16		29	29	24	25	16.2	200	23	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SNR0032S16	SNL0032S16		36	36	31	32	19.7	250	30	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SNR0040T16	SNL0040T16		44	44	38	40	23.7	300	37	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SNR0050U16	SNL0050U16	22N**	54	54	47	50	28.7	350	46	L60M3.5*12*D5.3	T-15	GM-16	MQ030080	T10
SNR0020Q22	SNL0020Q22		24	24	19	20	15.6	180	18	L60M4.5*14*D6.6	T-20	NGM-22	MQ040080	S2.5
SNR0025R22	SNL0025R22		29	29	24	25	18.1	200	23	L60M4.5*14*D6.6	T-20	NGM-22	MQ040080	S2.5
SNR0032S22	SNL0032S22		38	38	31	32	21.6	250	30	L60M4.5*14*D6.6	T-20	NGM-22	MQ040080	S2.5
SNR0040T22	SNL0040T22		46	46	38	40	25.6	300	37	L60M4.5*14*D6.6	T-20	NGM-22	MQ040080	S2.5
SNR0050U22	SNL0050U22		56	56	47	50	30.6	350	46	L60M4.5*14*D6.6	T-20	NGM-22	MQ040080	S2.5
SNR0032T27	SNL0032T27	27N**	37	65	30	32	21.6	300	30	L60M6*16*D8.1	T-20	NGM-27	MQ040080	S2.5
SNR0040U27	SNL0040U27		46	70	38	40	26.6	350	38	L60M6*16*D8.1	T-20	NGM-27	MQ040080	S2.5

Thread turning tool holder

Type I

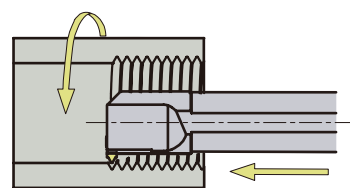
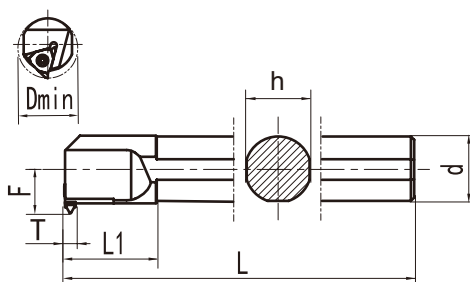
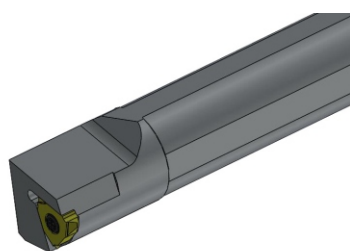


Type II



刀杆 Tool holder	刀片 Insert	形式 Type	F1	F2	h	b	H	F	L	螺钉 Insert screw	扳手 Key	压板 Clamp	压板螺钉 Clamp screw	扳手 Wrench
SVER1616H16	16VER**	Type I	-	-	16	16	16	16	100	L60M3.5*12*D5.3	T-15	-	-	-
SVER2020K16			-	-	20	20	20	20	125	L60M3.5*12*D5.3	T-15	-	-	-
SVER2525M16			-	-	25	25	25	25	150	L60M3.5*12*D5.3	T-15	-	-	-
SVER3232P16			-	-	32	32	32	32	170	L60M3.5*12*D5.3	T-15	-	-	-
SVER2020K22	22VER**	Type I	-	-	20	20	20	25	125	L60M4.5*14*D6.6	T-20	HL1814	ML0620	L3
SVER2525M22			-	-	25	25	25	30	150	L60M4.5*14*D6.6	T-20	HL1814	ML0620	L3
SVER2525M27-6	27VER**	Type I	-	-	25	25	25	30	150	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER3232P27-6			-	-	32	32	32	36	170	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER3232P27-8			-	-	32	32	32	36	170	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER3232P27-10			-	-	32	32	32	36	170	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER4040R27-6			-	-	40	40	40	45	200	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER4040R27-8			-	-	40	40	40	45	200	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER4040R27-10			-	-	40	40	40	45	200	L60M6*20*D8.1	T-20	HL1814	ML0620	L3
SVER1616H16AH	16VER**	Type II	8	8	16	16	16	16	100	L60M3.5*7*D5.3	T-15	-	-	-
SVER2020K16AH			8	12	20	20	20	20	125	L60M3.5*7*D5.3	T-15	-	-	-
SVER2525M16AH			8	17	25	25	25	25	150	L60M3.5*7*D5.3	T-15	-	-	-
SVER3232P16AH			8	24	32	32	32	32	170	L60M3.5*7*D5.3	T-15	-	-	-

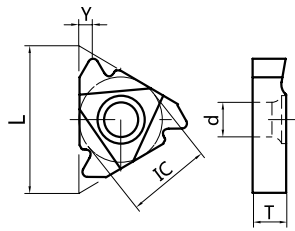
Thread turning tool holder



刀杆 Tool holder	刀片 Insert	T	Dmin	h	L1	d	F	L	螺钉 Screw	扳手 Wrench
SVNR0020Q16	16VNR**	3.65	24	18	35	20	13.6	180	L60M3.5*12*D5.3	T-15
SVNR0025R16		3.65	29	23	50	25	16.1	200	L60M3.5*12*D5.3	T-15
SVNR0032S16		3.65	36	30	70	32	19.6	250	L60M3.5*12*D5.3	T-15
SVNR0025R22	22VNR**	4.76	32	23	20	25	17.5	220	L60M4.5*14*D6.6	T-20
SVNR0032S27-6	27VNR**	6.4	41	30	32	32	22.5	250	L60M6*20*D8.1	T-20
SVNR0040T27-6		6.4	50	38	40	40	28.5	300	L60M6*20*D8.1	T-20
SVNR0040T27-8		8.7	50	38	40	40	28.5	300	L60M6*20*D8.1	T-20
SVNR0040U27-10		10.0	50	38	40	40	28.5	350	L60M6*20*D8.1	T-20
SVNR0050U27-8		8.7	60	48	50	50	33.5	350	L60M6*20*D8.1	T-20
SVNR0050U27-10		10.0	60	48	50	50	33.5	350	L60M6*20*D8.1	T-20

API Round

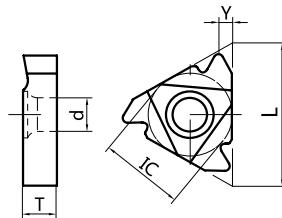
External



刀片 Insert	螺距 Pitch tpi	锥度 IPF	Y	WMS015	WPS020	IC	L	d	T
16ER10APIRD	10	1:16	1.5	●	○	9.525	16	4.0	3.65
16ER8APIRD	8	1:16	1.6	●	○				

● Standard stock ○ Order production

Internal

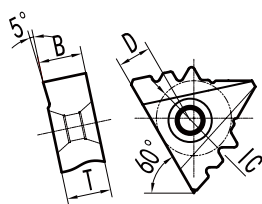


刀片 Insert	螺距 Pitch tpi	锥度 IPF	Y	WMS015	WPS020	IC	L	d	T
16NR10APIRD	10	1:16	1.5	●	○	9.525	16	4.0	3.65
16NR8APIRD	8	1:16	1.6	●	○				

● Standard stock ○ Order production

API Round

External

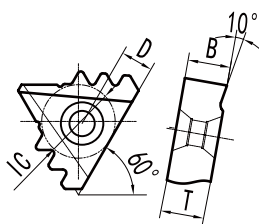


刀片 Insert		螺距 Pitch tpi	锥度 IPF	Y	WMS002	WMS005	IC	D	B	T
22ER10APIRD-4		10	1:16	4			10.17	4.5	5.92	6.0
22ER8APIRD-3		8	1:16	3	●	○				

● Standard stock ○ Order production

API Round

Internal

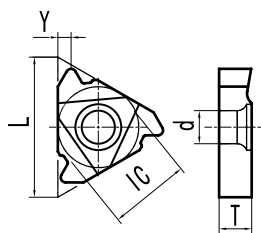
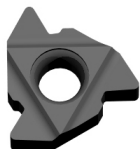


刀片 Insert		螺距 Pitch tpi	锥度 IPF	Y	WMS002	WMS005	IC	D	B	T
22NR10APIRD-4		10	1:16	4			10.17	4.5	5.92	6.0
22NR8APIRD-3		8	1:16	3	●	○				

● Standard stock ○ Order production

API

External

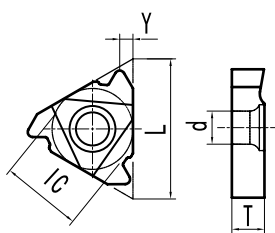
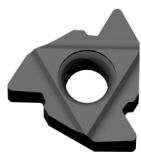


刀片 Insert	螺纹标准 Thread standard	螺距 Pitch tpi	锥度 IPF	Y	WPS020	WMS015	IC	L	d	T	螺纹管规格 Threaded pipe specifications
22ER4API382	V-0.038R	4	1:6	2.5	●	○	12.7	22	5	4.9	NC23~ NC50
22ER4API383	V-0.038R	4	1:4	2.6	●	○					NC56~ NC77
22ER4API502	V-0.050	4	1:6	2.8	●	○					6-5/8REG,5-1/2FH",6-5/8FH"
22ER4API503	V-0.050	4	1:4	2.8	●	○					5-1/2",7-5/8",8-5/8"REG
22ER5API403	V-0.040	5	1:4	2.3	●	○					2-3/8" ~ 4-1/2"REG 3-1/2"FH,4-1/2"FH
22ER6API551	V-0.055	6	1:8	1.5	●	○	15.875	27	6.5	6.4	NC10 ~ NC16
27ER4API382	V-0.038R	4	1:6	2.6	●	○					NC23 ~ NC50
27ER4API383	V-0.038R	4	1:4	2.8	●	○					NC56 ~ NC77
27ER4API502	V-0.050	4	1:6		●	○					6-5/8REG,5-1/2FH",6-5/8FH"
27ER4API503	V-0.050	4	1:4	2.8	●	○					5-1/2",7-5/8",8-5/8"REG
27ER5API403	V-0.040	5	1:4	2.3	●	○					2-3/8"~ 4-1/2"REG

● Standard stock ○ Order production

API

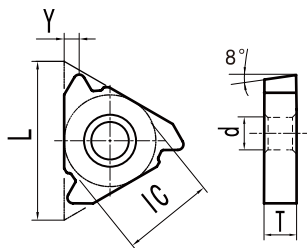
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刀片 Insert	螺纹标准 Thread standard	螺距 Pitch tpi	锥度 IPF	Y	WPS020	WMS015	IC	L	d	T	螺纹管规格 Threaded pipe specifications
22NR4API382	V-0.038R	4	1:6	2.5	●	○	12.7	22	5	4.9	NC23 ~ NC50
22NR4API383	V-0.038R	4	1:4	2.6	●	○					NC56 ~ NC77
22NR4API502	V-0.050	4	1:6	2.8	●	○					6-5/8REG,5-1/2FH",6-5/8FH"
22NR4API503	V-0.050	4	1:4	2.8	●	○					5-1/2",7-5/8",8-5/8"REG
22NR5API403	V-0.040	5	1:4	2.3	●	○					2-3/8" ~ 4-1/2"REG 3-1/2"FH,4-1/2"FH
22NR6API551	V-0.055	6	1:8	1.5	●	○	15.875	27	6.5	6.4	NC10 ~ NC16
27NR4API382	V-0.038R	4	1:6	2.6	●	○					NC23 ~ NC50
27NR4API383	V-0.038R	4	1:4	2.8	●	○					NC56 ~ NC77
27NR4API502	V-0.050	4	1:6		●	○					6-5/8REG,5-1/2FH",6-5/8FH"
27NR4API503	V-0.050	4	1:4	2.8	●	○					5-1/2",7-5/8",8-5/8"REG
27NR5API403	V-0.040	5	1:4	2.3	●	○					2-3/8" ~ 4-1/2"REG

● Standard stock ○ Order production

External

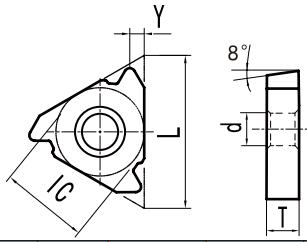


刀片 Insert	螺纹标准 Thread standard	螺距 Pitch tpi	锥度 IPF	Y	WPS020	WMS015	IC	L	d	T	螺纹管规格 Threaded pipe specifications
4Y1W3	V-0.038R	4	1:6	3.7	●	○	17	29	6.2	5.5	NC23 ~ NC50
4Y2W3	V-0.038R	4	1:4	3.7	●	○					NC56 ~ NC77
5Y3W3	V-0.040	5	1:4	3.7	●	○					2-3/8"~ 4-1/2"REG 3-1/2"FH 4-1/2"FH
4Y4W3	V-0.050	4	1:4	3.7	●	○					5-1/2",7-5/8",8-5/8"REG
4Y5W3	V-0.050	4	1:6	3.7	●	○					6-5/8REG,5-1/2FH",6-5/8FH"
4Y5W3-1T	V-0.050	4	1:12	3.7	●	○					6-5/8REG,5-1/2FH",6-5/8FH"
4Y7W3	V-0.065	4	1:6	3.7	●	○					4"FH 2-3/8"~ 5-1/2"IF
MZ4Y1W3	V-0.038R	4	1:16	3.7	●	○					NC23 ~ NC50

● Standard stock ○ Order production

API

Internal

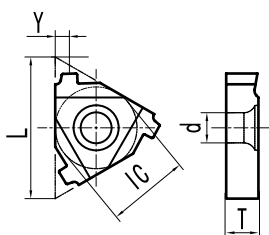
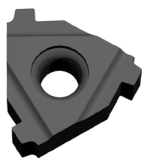


刀片 Insert	螺纹标准 Thread standard	螺距 Pitch tpi	锥度 IPF	Y	WPS020	WMS015	IC	L	d	T	螺纹管规格 Threaded pipe specifications
4Y1N3	V-0.038R	4	1:6	3.7	●	○	17	29	6.2	5.5	NC23 ~ NC50
4Y2N3	V-0.038R	4	1:4	3.7	●	○					NC56 ~ NC77
5Y3N3	V-0.040	5	1:4	3.7	●	○					2-3/8" ~ 4-1/2"REG 3-1/2"FH 4-1/2"FH
4Y4N3	V-0.050	4	1:4	3.7	●	○					5-1/2", 7-5/8", 8-5/8"REG
4Y5N3	V-0.050	4	1:6	3.7	●	○					6-5/8REG, 5-1/2FH", 6-5/8FH"
4Y5N3-1T	V-0.050	4	1:12	3.7	●	○					6-5/8REG, 5-1/2FH", 6-5/8FH"
4Y7N3	V-0.065	4	1:6	3.7	●	○					4"FH 2-3/8" ~ 5-1/2"IF
MZ4Y1N3	V-0.038R	4	1:16	3.7	●	○					NC23 ~ NC50

● Standard stock ○ Order production

API butress

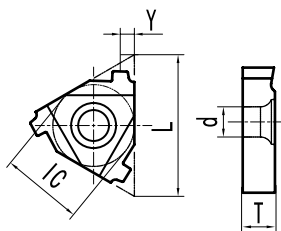
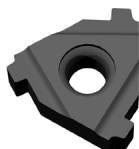
External



刀片 Insert	螺距 Pitch tpi	锥度 IPF	Y	WMS015	WPS020	IC	L	d	T
22ER5BUT75	5	1:16	1.9	●	●	12.7	22	5.0	4.9
22ER5BUT1	5	1:12	1.9						

● Standard stock ○ Order production

Internal

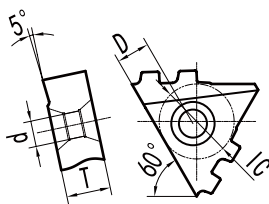


刀片 Insert	螺距 Pitch tpi	锥度 IPF	Y	WMS015	WPS020	IC	L	d	T
22NR5BUT75	5	1:16	1.9	●	●	12.7	22	5.0	4.9
22NR5BUT1	5	1:12	1.9						

● Standard stock ○ Order production

API butress

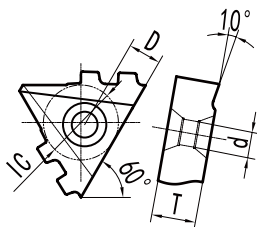
External



刀片 Insert		螺距 Pitch tpi	锥度 IPF	齿数 Number of teeth	WMS002	WMS005	IC	D	d	T
22ER5BUT75-2		5	1:16	2	●	○	12.7	4.5	4.2	6.0

● Standard stock ○ Order production

Internal

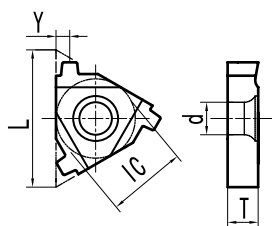
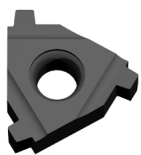


刀片 Insert		螺距 Pitch tpi	锥度 IPF	齿数 Number of teeth	WMS002	WMS005	IC	D	d	T
22NR5BUT75-2		5	1:16	2	●	○	12.7	4.5	4.2	6.0

● Standard stock ○ Order production

API EL

External

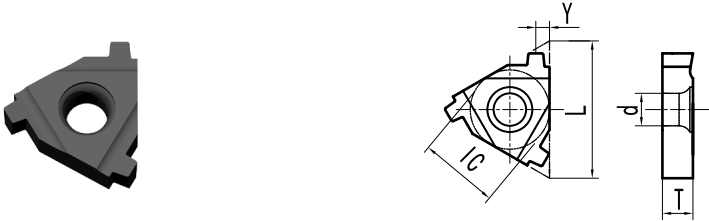


刀片 Insert	螺距 Pitch tpi	锥度 IPF	齿数 Number of teeth	WMS015	WPS020	IC	L	d	T
22ER6EL	6	1:8	1.9			12.7	22	5.0	4.9
22ER5EL	5	1:9.6	1.9						

☒ Standard stock
 ☐ Order production

API EL

Internal



刀片 Insert	螺距 Pitch tpi	锥度 IPF	齿数 Number of teeth	WMS015	WPS020	IC	L	d	T
22NR6EL	6	1:8	1.9			12.7	22	5.0	4.9
22NR5EL	5	1:9.6	1.9						

● Standard stock ○ Order production



WC-Co

WC-Co Cutting Tools