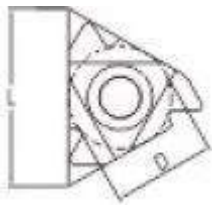


THREADING TURNING INSERTS ORDERING CODE SYSEM

16		E	R	1.5	ISO		
16	X	E	R	1.5	ISO		
22		N	R	1.5	ISO	3	M
27	V	N	R	3.0	ISO		
27	U	E		8.0	TR		
1	2	3	4	5	6	7	8

1- INSERTS SIZE

L (mm)	06	08	11	16	22	27
D	5/32"	3/16" (Φ5)	1/4"	3/8"	1/2"	5/8"

2- INSERTS STYLE**STANDARD****X STYLE****U STYLE****V STYLE****3- TYPE OF INSERTS****E EXTERNAL****N INTERNAL****4- R/L INSERTS****R-RIGHT HAND INSERTS****L-LEFT HAND INSERTS**

5- PITCH

FULL PROFILE PITCHRANGE		PRATIAL PROFILE PITCH RANGE		
mm	TPI			
0.5~6	48~4	A	0.5~1.5	48~16
		AG	0.5~3.0	48~8
		G	1.75~3.0	14~8
		N	3.5~5.0	7~5
		Q	5.5~6.0	4.5~4
		V	6.0~10	4~2.5

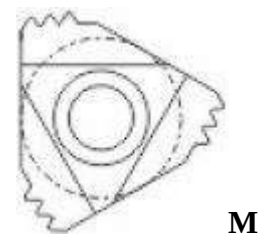
6- THREAD STANDARD

60 - PARTIAL PROFILE 60	NPTF - NPTF60	RD - ROUND DIN 405
55 - PARTIAL PROFILE 55	BSPT - BRITISH STANDARD PIPE THREAD 55	RD20400 - ROUND DIN 20400
ISO - ISO METRIC	ACME - AMERICAN ACME 29	BUT - API BUTTRESSCASING
UN - AMERICA UN60	STACME - AMERICAN STUB ACME 29	APIRD - API ROUND CASING &TUBING
UNJ - AVIATION THREAD 60	TR - TRAPEZ DIN 103 30	Pg - Pg
W - WHITWORTH FOR BSW BSP 55	ABUT - AMERICANBUTTRESS	
NPT - NPT 60	BBUT - BRITISH BUTTRESS	

7 NO. OF TEETH (FOR MULTITOOTHSTYLE)

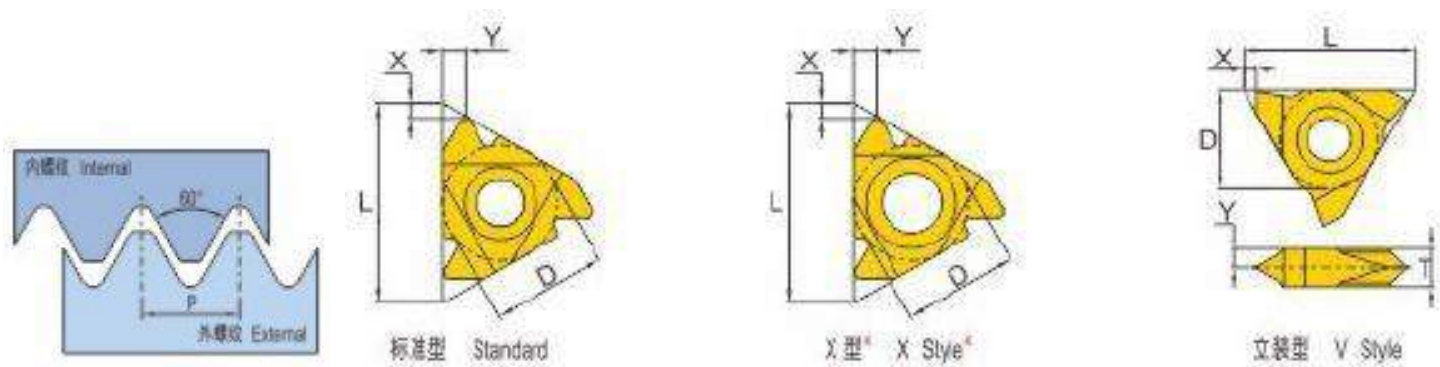
2 3 4 5 6 8

8 INSERTS STYLE OF MULTITOOTH



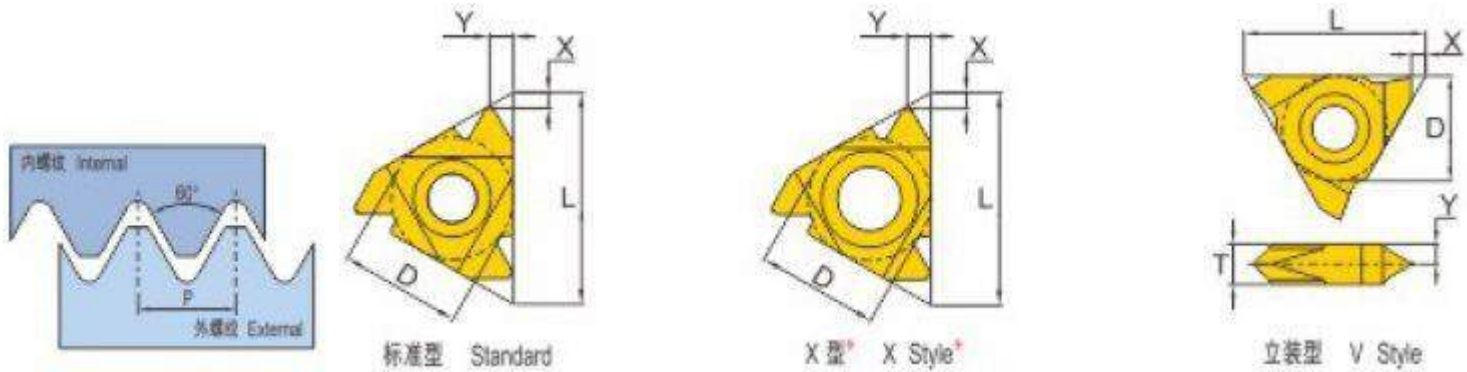
Partial Profile 60°

EXTERNAL



		D	Pitch		Code		Dimension			
			mm	TPI	Right	Left	L	X	Y	T
Standard		1/4"	0.5-1.5	48-16	11ERA60	11ELA60	11	0.8	0.90	3.20
		3/8"	0.5-1.5	48-16	16ERA60	16ELA60	16	0.8	0.90	3.65
			0.5-3.0	48-8	16ERAG60	16ELAG60	16	1.2	1.70	3.65
			1.75-3.0	14-8	16ERG60	16ELG60	16	1.2	1.70	3.65
		1/2"	3.5-5.0	7-5	22ERN60	22ELN60	22	1.70	2.50	4.76
		5/8"	5.5-6.0	4.5-4	27ERQ60	27ELQ60	27	2.10	3.10	6.35
X Style		3/8"	0.5-1.5	48-16	16XERA60	16XELA60	16	0.8	0.90	4.3
			0.5-3.0	48-8	16XERAG60	16XELAG60	16	1.2	1.70	4.3
			1.75-3.0	14-8	16XERG60	16XELG60	16	1.2	1.70	4.3
		1/2"	3.5-5.0	7-5	22XERN60	22XELN60	22	1.70	2.50	5.9
V Style		5/8"	6.0-1.0	4-2.5	27VERV60	27VELV60	27	0.6	5.2	10

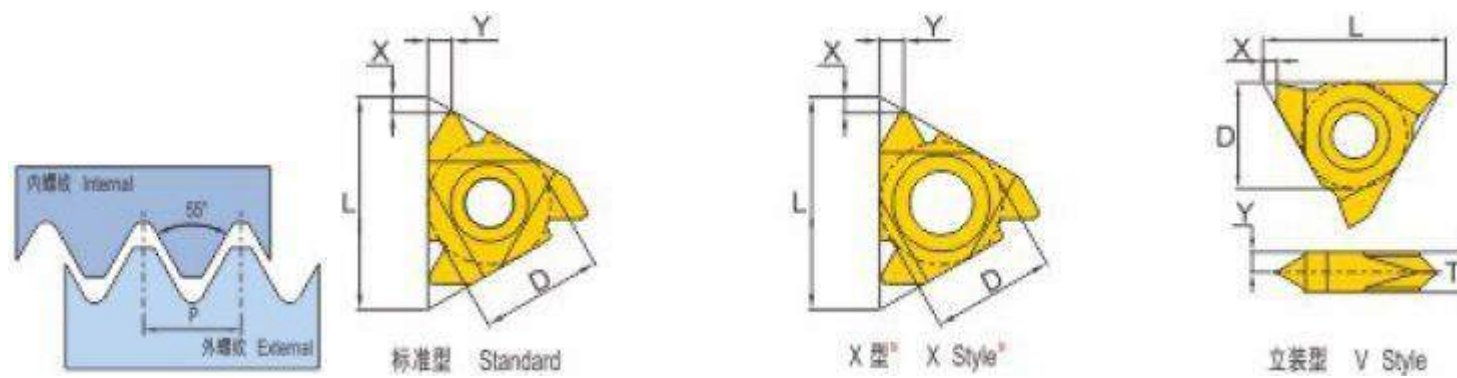
INTERNAL



		D	Pitch		Code		Dimension			
			mm	TPI	Right	Left	L	X	Y	T
Standard		5/32"	0.5-1.25	48-20	06NRA60	06NLA60	6	0.6	0.6	1.9
		3/16"	0.5-1.5	48-16	08NRA60	08NLA60	8	0.6	0.7	2.2
		1/4"	0.5-1.5	48-16	11NRA60	11NLA60	11	0.8	0.9	3.2
		3/8"	0.5-1.5	48-16	16NRA60	16NLA60	16	0.8	0.9	3.65
			0.5-3.0	48-8	16NRAG60	16NLAG60	16	1.2	1.7	3.65
			1.75-3.0	14-8	16NRG60	16NLG60	16	1.2	1.7	3.65
		1/2"	3.5-5.0	7-5	22NRN60	22NLN60	22	1.7	2.5	4.76
X Style		5/8"	5.5-6.0	4.5-4	27NRQ60	27NLQ60	27	1.8	2.7	6.35
		1/4"	0.5-1.25	48-16	11XNRA55	11XNLA55	11	0.8	0.9	3.39
		3/8"	0.5-1.5	48-16	16XNRA55	16XNLA55	16	0.8	0.9	4.3
			0.5-3.0	48-8	16XNRAG55	16XNLAG55	16	1.2	1.7	4.3
			1.75-3.0	14-8	16XNRG55	16XNLG55	16	1.2	1.7	4.3
		1/2"	3.5-5.0	7-5	22XNRN55	22XNLN55	22	1.7	2.5	5.9
V Style										
		5/8"	6.0-0.9	4-2.5	27VNRV55	27VNLV55	27	1.0	4.3	8.7

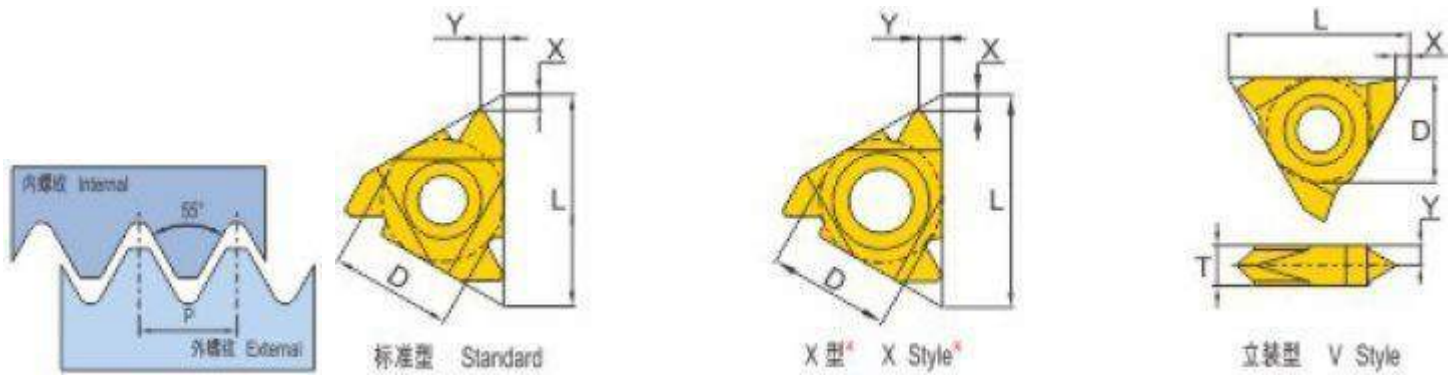
Partial Profile 55°

EXTERNAL



		D	Pitch		Code		Dimension			
			mm	TPI	Right	Left	L	X	Y	T
Standard		1/4"	0.5-1.5	48-16	11ERA55	11ELA55	11	0.8	0.9	3.20
		3/8"	0.5-1.5	48-16	16ERA55	16ELA55	16	0.8	0.9	3.65
			0.5-3.0	48-8	16ERAG55	16ELAG55	16	1.2	1.7	3.65
			1.75-3.0	14-8	16ERG55	16ELG55	16	1.2	1.7	3.65
		1/2"	3.5-5.0	7-5	22ERN55	22ELN55	22	1.7	2.5	4.76
		5/8"	5.5-6.0	4.5-4	27ERQ55	27ELQ55	27	2.0	2.9	6.35
X Style		3/8"	0.5-1.5	48-16	16XERA55	16XELA55	16	0.8	0.9	4.3
			0.5-3.0	48-8	16XERAG55	16XELAG55	16	1.2	1.7	4.3
			1.75-3.0	14-8	16XERG55	16XELG55	16	1.2	1.7	4.3
		1/2"	3.5-5.0	7-5	22XERN55	22XELN55	22	1.7	2.5	5.9
V Style		5/8"	6.0-0.9	4-2.5	27VERV55	27VELV55	27	1	4.3	8.7

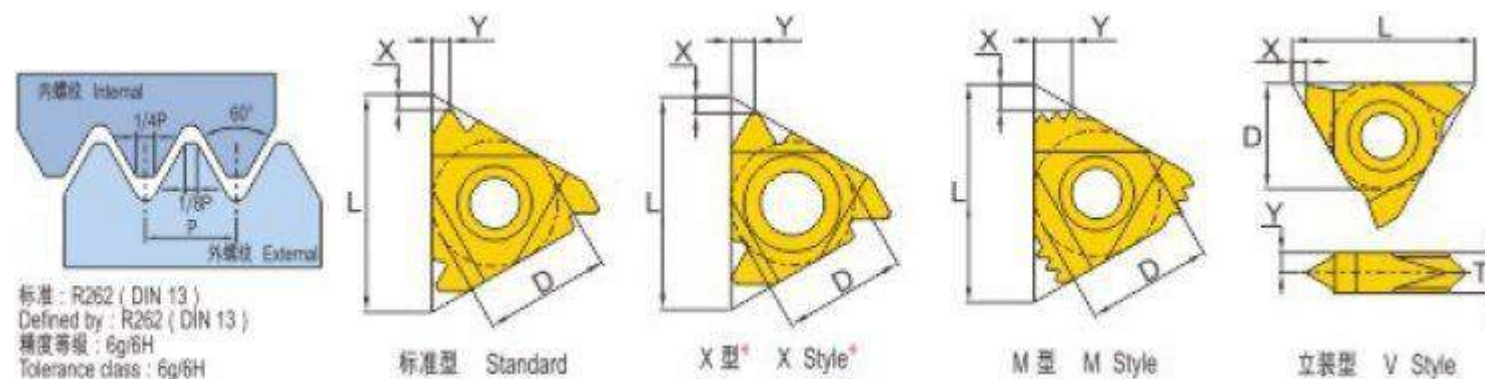
INTERNAL



		D	Pitch		Code		Dimension			
			mm	TPI	Right	Left	L	X	Y	T
Standard		5/32"	0.5-1.25	48-20	06NRA55	06NLA55	6	0.6	0.6	1.9
		3/16"	0.5-1.5	48-16	08NRA55	08NLA55	8	0.6	0.7	2.2
		1/4"	0.5-1.5	48-16	11NRA55	11NLA55	11	0.8	0.9	3.2
		3/8"	0.5-1.5	48-16	16NRA55	16NLA55	16	0.8	0.9	3.65
			0.5-3.0	48-8	16NRAG55	16NLAG55	16	1.2	1.7	3.65
			1.75-3.0	14-8	16NRG55	16NLG55	16	1.2	1.7	3.65
		1/2"	3.5-5.0	7-5	22NRN55	22NLN55	22	1.7	2.5	4.76
X Style		5/8"	5.5-6.0	4.5-4	27NRQ55	27NLQ55	27	1.8	2.7	6.35
		1/4"	0.5-1.25	48-16	11XNRA33	11XNLA33	11	0.8	0.9	3.39
		3/8"	0.5-1.5	48-16	16XNRA60	16XNLA60	16	0.8	0.9	4.3
			0.5-3.0	48-8	16XNRAG60	16XNLAG60	16	1.2	1.7	4.3
			1.75-3.0	14-8	16XNRG60	16XNLG60	16	1.2	1.7	4.3
		1/2"	3.5-5.0	7-5	22XNRN60	22XNLN60	22	1.7	2.5	5.9
V Style										
		5/8"	6.0-1.0	4-2.5	27VNRV60	27VNLV60	27	0.6	5.2	8.7

ISO Metric Full Profile

EXTERNAL

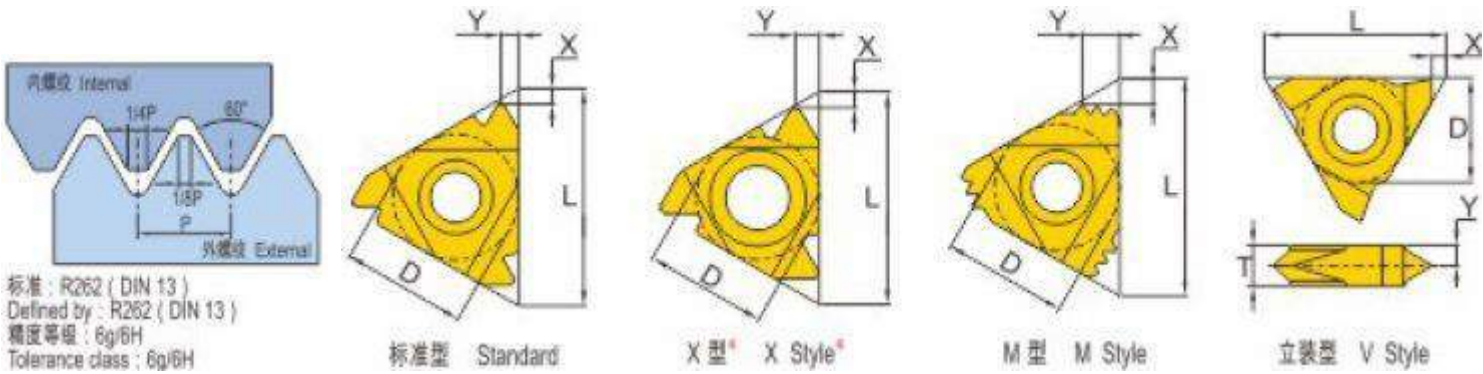


		D	Pitch		Code		Dimension			
			mm		Right	Left	L	X	Y	T
Standard		1/4"	0.5		11ER0.50ISO	11EL0.50ISO	11	0.6	0.6	3.2
			0.75		11ER0.75ISO	11EL0.75ISO	11	0.6	0.6	3.2
			1		11ER1.00ISO	11EL1.00ISO	11	0.7	0.7	3.2
			1.25		11ER1.25ISO	11EL1.25ISO	11	0.8	0.9	3.2
			1.5		11ER1.50ISO	11EL1.50ISO	11	0.8	1.0	3.2
			1.75		11ER1.75ISO	11EL1.75ISO	11	0.8	1.1	3.2
		3/8"	0.5		16ER0.50ISO	16EL0.50ISO	16	0.6	0.6	3.65
			0.75		16ER0.75ISO	16EL0.75ISO	16	0.6	0.6	3.65
			1		16ER1.00ISO	16EL1.00ISO	16	0.7	0.7	3.65
			1.25		16ER1.25ISO	16EL1.25ISO	16	0.8	0.9	3.65
			1.5		16ER1.50ISO	16EL1.50ISO	16	0.8	1.0	3.65
			1.75		16ER1.75ISO	16EL1.75ISO	16	0.9	1.2	3.65
			2		16ER2.00ISO	16EL2.00ISO	16	1.0	1.3	3.65
			2.5		16ER2.50ISO	16EL2.50ISO	16	1.1	1.5	3.65
			3		16ER3.00ISO	16EL3.00ISO	16	1.2	1.6	3.65
		1/2"	3.5		22ER3.50ISO	22EL3.50ISO	22	1.6	2.3	4.76
			4		22ER4.00ISO	22EL4.00ISO	22	1.6	2.3	4.76
			4.5		22ER2.50ISO	22EL4.50ISO	22	1.7	2.4	4.76
			5		22ER5.00ISO	22EL5.00ISO	22	1.7	2.5	4.76
		5/8"	5.5		27ER5.50ISO	27EL5.50ISO	27.5	1.9	2.7	6.35
			6		27ER6.00ISO	27EL6.00ISO	27.5	2.0	2.9	6.35
X Style		3/8"	0.5		16XER0.50ISO	16XEL0.50ISO	16	0.6	0.6	4.3
			0.75		16XER0.75ISO	16XEL0.75ISO	16	0.6	0.6	4.3
			1		16XER1.00ISO	16XEL1.00ISO	16	0.7	0.7	4.3
			1.25		16XER1.25ISO	16XEL1.25ISO	16	0.8	0.9	4.3
			1.5		16XER1.50ISO	16XEL1.50ISO	16	0.8	1.0	4.3
			1.75		16XER1.75ISO	16XEL1.75ISO	16	0.9	1.2	4.3
			2		16XER2.00ISO	16XEL2.00ISO	16	1.0	1.3	4.3

		1/2"	2.5		16XER2.50ISO	16XEL2.50ISO	16	1.1	1.5	4.3
			3		16XER3.00ISO	16XEL3.00ISO	16	1.2	1.6	4.3
			3.5		22XER3.50ISO	22XEL3.50ISO	22	1.6	2.3	5.9
			4		22XER4.00ISO	22XEL4.00ISO	22	1.6	2.3	5.9
			4.5		22XER4.50ISO	22XEL4.50ISO	22	1.7	2.4	5.9
			5		22XER5.00ISO	22XEL5.00ISO	22	1.7	2.5	5.9
V Style		3/8"	0.5		16VER0.50ISO	16VEL0.50ISO	16	1.1	3.0	3.65
			0.75		16VER0.75ISO	16VEL0.75ISO	16	1.1	3.0	3.65
			1		16VER1.00ISO	16VEL1.00ISO	16	1.1	2.9	3.65
			1.25		16VER1.25ISO	16VEL1.25ISO	16	1.1	2.7	3.65
			1.5		16VER1.50ISO	16VEL1.50ISO	16	1.1	2.6	3.65
			1.75		16VER1.75ISO	16VEL1.75ISO	16	1.1	2.5	3.65
			2		16VER2.00ISO	16VEL2.00ISO	16	1.1	.2.3	3.65
			2.5		16VER2.50ISO	16VEL2.50ISO	16	1.1	2.1	3.65
		5/8"	3		16VER3.00ISO	16VEL3.00ISO	16	1.1	2.0	3.65
			6		27VER6.00ISO	27VEL6.00ISO	27	1.0	3.3	6.35
			8		27VER8.00ISO	27VEL8.00ISO	27	1.0	4.3	8.7
			10		27VER10.0ISO	27VEL10.0ISO	27	1.0	5.2	10
M Style		3/8"	1		16ER1.0ISO3M		16	1.7	2.6	3.65
			1.5		16ER1.5ISO3M		16	1.6	2.4	3.65
		1/2"	1.5		22ER1.5ISO3M		22	2.4	3.8	4.76
			2.0		22ER2.0ISO2M		22	2.0	3.0	4.76
			2.0		22ER2.0ISO3M		22	3.1	4.9	4.76
		5/8"	3		27ER3.0ISO2M		27	2.7	4.3	6.35

ISO Metric Full Profile

INTERNAL



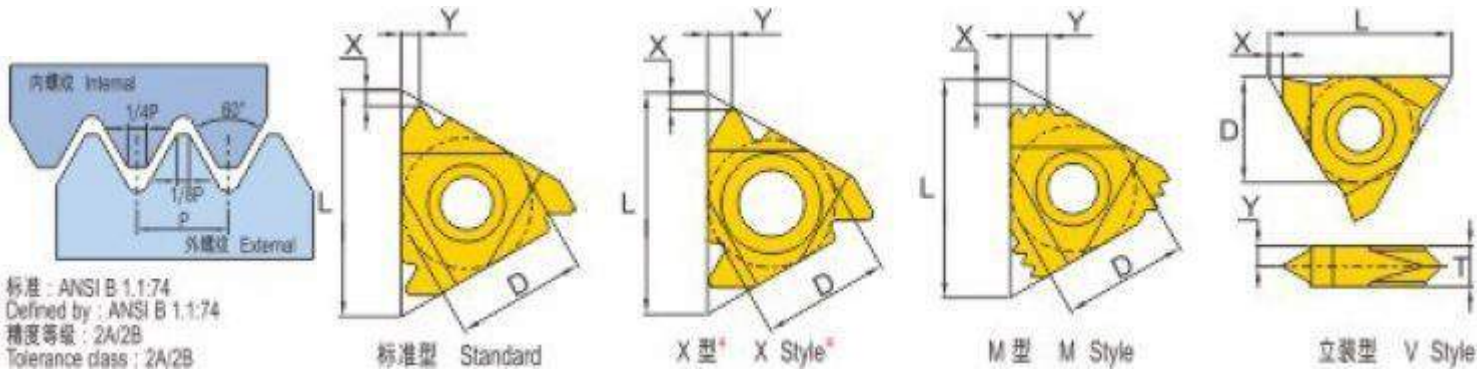
		D	Pitch		Code		Dimension			
			mm		Right	Left	L	X	Y	T
Standard		5/32"	0.5		06NR0.50ISO	06NL0.50ISO	6	0.9.	0.5	1.9
			0.75		06NR0.75ISO	06NL0.75ISO	6	0.8	0.5	1.9
			1		06NR1.00ISO	06NL1.00ISO	6	0.7	0.6	1.9
			1.25		06NR1.25ISO	06NL1.25ISO	6	0.6	0.6	1.9
		3/16"	0.5		08NR0.50ISO	08NL0.50ISO	8	0.6	0.5	2.2
			0.75		08NR0.75ISO	08NL0.75ISO	8	0.6	0.5	2.2
			1		08NR1.00ISO	08NL1.00ISO	8	0.6	0.6	2.2
			1.25		08NR1.25ISO	08NL1.25ISO	8	0.6	0.7	2.2
			1.5		08NR1.50ISO	08NL1.50ISO	8	0.6	1.7	2.2
			1.75		08NR1.75ISO	08NL1.75ISO	8	0.6	1.8	2.2
		1/4"	0.50		11NR0.50ISO	11NL0.50ISO	11	0.6	2.3	3.2
			0.75		11NR0.75ISO	11NL0.75ISO	11	0.6	0.6	3.2
			1		11NR1.00ISO	11NL1.00ISO	11	0.6	0.7	3.2
			1.25		11NR1.25ISO	11NL1.25ISO	11	0.8	0.9	3.2
			1.5		11NR1.50ISO	11NL1.50ISO	11	0.8	1.0	3.2
			1.75		11NR1.75ISO	11NL1.75ISO	11	0.9	1.1	3.2
			2		11NR2.00ISO	11NL2.00ISO	11	1.0	1.3	3.2
		3/8"	0.50		16NR0.50ISO	16NL0.50ISO	16	0.6	0.6	3.65
			0.75		16NR0.75ISO	16NL0.75ISO	16	0.6	0.6	3.65
			1		16NR1.00ISO	16NL1.00ISO	16	0.6	0.7	3.65
			1.25		16NR1.25ISO	16NL1.25ISO	16	0.8	0.9	3.65
			1.5		16NR1.50ISO	16NL1.50ISO	16	0.8	1.0	3.65
			1.75		16NR1.75ISO	16NL1.75ISO	16	0.9	1.2	3.65
			2		16NR2.00ISO	16NL2.00ISO	16	1.0	1.3	3.65
			2.50		16NR2.50ISO	16NL2.50ISO	16	1.1	1.5	3.65
			3		16NR3.00ISO	16NL3.00ISO	16	1.1	1.5	3.65
		1/2"	3.5		22NR3.50ISO	22NL3.50ISO	22	1.6	2.3	4.76
			4.0		22NR4.00ISO	22NL4.00ISO	22	1.6	2.3	4.76

		5/8"	4.5		22NR4.50ISO	22NL4.50ISO	22	1.6	2.4	4.76		
			5		22NR5.00ISO	22NL5.00ISO	22	1.6	2.5	4.76		
			5.5		27NR5.50ISO	27NL5.50ISO	27	1.9	2.7	6.35		
			6		27NR6.00ISO	27NL6.00ISO	27	2.0	2.9	6.35		
X Style		1/4"	0.5		11XER0.50ISO	11XEL0.50ISO	11	0.6	0.6	3.39		
			0.75		11XER0.75ISO	11XEL0.75ISO	11	0.6	0.6	3.39		
			1		11XER1.00ISO	11XEL1.00ISO	11	0.6	0.7	3.39		
			1.25		11XER1.25ISO	11XEL1.25ISO	11	0.8	0.9	3.39		
			1.5		11XER1.50ISO	11XEL1.50ISO	11	0.8	1.0	3.39		
			1.75		11XER1.75ISO	11XEL1.75ISO	11	0.9	1.1	3.39		
			2		11XER2.00ISO	11XEL2.00ISO	11	1.0	1.3	3.39		
		3/8"	0.50		16XNR0.50ISO	16XNL0.50ISO	16	0.6	0.6	4.3		
			0.75		16XNR0.75ISO	16XNL0.75ISO	16	0.6	0.6	4.3		
			1		16XNR1.00ISO	16XNL1.00ISO	16	0.6	0.7	4.3		
			1.25		16XNR1.25ISO	16XNL1.25ISO	16	0.8	0.9	4.3		
			1.5		16XNR1.50ISO	16XNL1.50ISO	16	0.8	1.0	4.3		
			1.75		16XNR1.75ISO	16XNL1.75ISO	16	0.9	1.2	4.3		
			2		16XNR2.00ISO	16XNL2.00ISO	16	1.0	1.3	4.3		
			2.50		16XNR2.50ISO	16XNL2.50ISO	16	1.1	1.5	4.3		
			3		16XNR3.00ISO	16XNL3.00ISO	16	1.1	1.5	4.3		
		1/2"	3.5		22XNR3.50ISO	22XNL3.50ISO	22	1.6	2.3	5.9		
			4.0		22XNR4.00ISO	22XNL4.00ISO	22	1.6	2.3	5.9		
			4.5		22XNR4.50ISO	22XNL4.50ISO	22	1.6	2.4	5.9		
			5		22XNR5.00ISO	22XNL5.00ISO	22	1.6	2.5	5.9		
		V Style		3/8"	0.5		16VNR0.50ISO	16VNL0.50ISO	16	1.1	3.0	3.65
					0.75		16VNR0.75ISO	16VNL0.75ISO	16	1.1	3.0	3.65
					1		16VNR1.00ISO	16VNL1.00ISO	16	1.1	2.9	3.65
					1.25		16VNR1.25ISO	16VNL1.25ISO	16	1.1	2.7	3.65
1.5					16VNR1.50ISO	16VNL1.50ISO	16	1.1	2.6	3.65		
1.75					16VNR1.75ISO	16VNL1.75ISO	16	1.1	2.5	3.65		
2					16VNR2.00ISO	16VNL2.00ISO	16	1.1	2.3	3.65		
2.5					16VNR2.50ISO	16VNL2.50ISO	16	1.1	2.1	3.65		
3					16VNR3.00ISO	16VNL3.00ISO	16	1.1	2.0	3.65		
5/8"	6				27VNR6.00ISO	27VNL6.00ISO	27	1.0	3.3	6.35		
	8				27VNR8.00ISO	27VNL8.00ISO	27	1.0	4.3	8.7		
	10				27VNR10.0ISO	27VNL10.0ISO	27	1.0	5.2	10		
M Style		3/8"	1		16NR1.0ISO3M		16	1.8	2.6	3.65		
			1.5		16NR1.5ISO3M		16	1.6	2.4	3.65		
		1/2"	1.5		22NR1.5ISO3M		22	2.5	3.8	4.76		
			2.0		22NR2.0ISO2M		22	2.1	3.1	4.76		
			2.0		22NR2.0ISO3M		22	3.2	5.1	4.76		
		5/8"	3		27NR3.0ISO2M		27	3.0	4.6	6.35		

										
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UN-60° American UN Full Profile

UNC UNF UNEFUNS
EXTERNAL

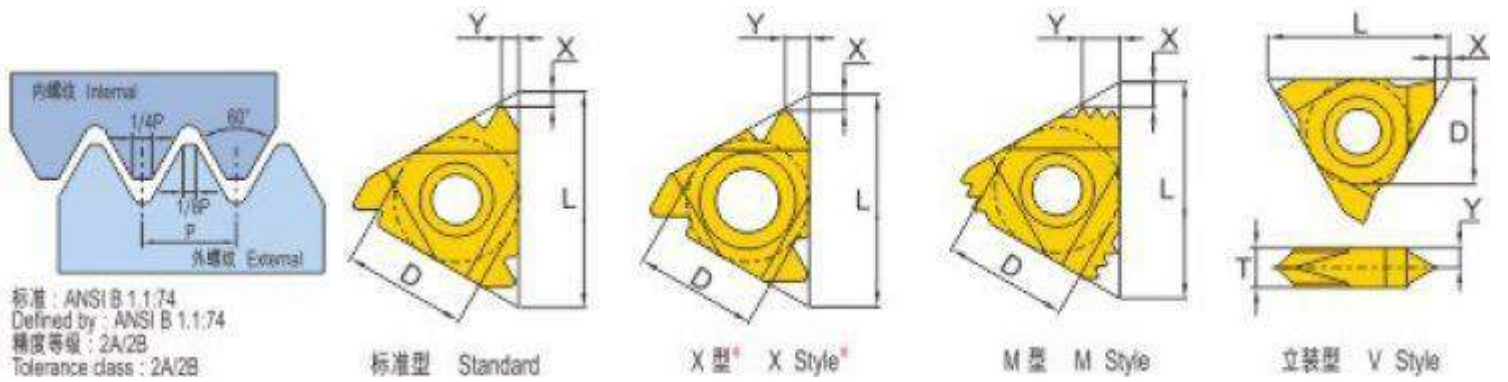


		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		32	11ER32UN	11EL32UN	11	0.6	0.6	3.2
				28	11ER28UN	11EL28UN	11	0.6	0.7	3.2
				24	11ER24UN	11EL24UN	11	0.7	0.8	3.2
				20	11ER20UN	11EL20UN	11	0.8	0.9	3.2
				18	11ER18UN	11EL18UN	11	0.8	1.0	3.2
				16	11ER16UN	11EL16UN	11	0.9	1.1	3.2
		3/8"		32	16ER32UN	16EL32UN	16	0.6	0.6	3.65
				28	16ER28UN	16EL28UN	16	0.6	0.7	3.65
				24	16ER24UN	16EL24UN	16	0.7	0.8	3.65
				20	16ER20UN	16EL20UN	16	0.8	0.9	3.65
				18	16ER18UN	16EL18UN	16	0.8	1.0	3.65
				16	16ER16UN	16EL16UN	16	0.9	1.1	3.65
				14	16ER14UN	16EL14UN	16	1.0	1.2	3.65
				13	16ER13UN	16EL13UN	16	1.1	1.3	3.65
				12	16ER12UN	16EL12UN	16	1.1	1.4	3.65
				11.5	16ER11.5UN	16EL11.5UN	16	1.1	1.4	3.65
				11	16ER11UN	16EL11UN	16	1.1	1.5	3.65
				10	16ER10UN	16EL10UN	16	1.1	1.5	3.65
				9	16ER9UN	16EL9UN	16	1.1	1.7	3.65
				8	16ER8UN	16EL8UN	16	1.2	2.0	3.65
		1/2"		7	22ER7UN	22EL7UN	22	1.6	2.3	4.76
				6	22ER6UN	22EL6UN	22	1.6	2.3	4.76
				5	22ER5UN	22EL5UN	22	1.7	2.5	4.76
		5/8"		4.5	27ER4.5UN	27EL4.5UN	27	1.9	2.7	6.35
				4	27ER4UN	27EL4UN	27	2.1	3.0	6.35
Styl		3/8"		32	16XER32UN	16XEL32UN	16	0.6	0.6	4.3
				28	16XER28UN	16XEL28UN	16	0.6	0.7	4.3

				24	16XER24UN	16XEL24UN	16	0.7	0.8	4.3
				20	16XER20UN	16XEL20UN	16	0.8	0.9	4.3
				18	16XER18UN	16XEL18UN	16	0.8	1.0	4.3
				16	16XER16UN	16XEL16UN	16	0.9	1.1	4.3
				14	16XER14UN	16XEL14UN	16	1.0	1.2	4.3
				13	16XER13UN	16XEL13UN	16	1.1	1.3	4.3
				12	16XER12UN	16XEL12UN	16	1.1	1.4	4.3
				11.5	16XER11.5UN	16XEL11.5UN	16	1.1	1.4	4.3
				11	16XER11UN	16XEL11UN	16	1.1	1.5	4.3
				10	16XER10UN	16XEL10UN	16	1.1	1.5	4.3
				9	16XER9UN	16XEL9UN	16	1.2	1.7	4.3
				8	16XER8UN	16XEL8UN	16	1.2	2.0	4.3
V Style		3/8"		32	16VER32UN	16VEL32UN	16	1.1	3.0	3.65
				28	16VER28UN	16VEL28UN	16	1.1	3.0	3.65
				24	16VER24UN	16VEL24UN	16	1.1	2.9	3.65
				20	16VER20UN	16VEL20UN	16	1.1	2.7	3.65
				18	16VER18UN	16VEL18UN	16	1.1	2.6	3.65
				16	16VER16UN	16VEL16UN	16	1.1	2.5	3.65
				14	16VER14UN	16VEL14UN	16	1.1	2.4	3.65
				12	16VER12UN	16VEL12UN	16	1.1	2.2	3.65
				10	16VER10UN	16VEL10UN	16	1.1	2.1	3.65
				8	16VER8UN	16VEL8UN	16	1.1	2.0	3.65
		1/2"		7	27VER7UN	27VEL7UN	22	1.1	2.5	4.76
M Style		3/8"		16	16ER16UN2M		16	1.7	2.5	3.65
		1/2"		16	22ER16UN3M		22	2.6	4.1	4.76
				12	22ER12UN2M		22	2.1	3.2	4.76
				12	22ER12UN3M		22	3.4	5.3	4.76
		5/8"		8	27ER8UN2M		27	3.2	5.0	6.35

UNC UNF UNEF UNS

INTERNAL



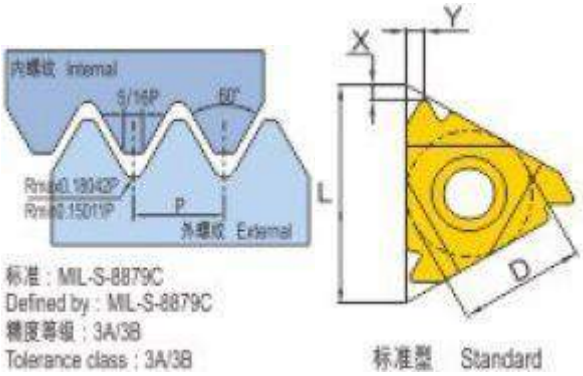
		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		5/32"		32	06NR32UN	06NL32UN	6	0.9.	0.5	1.9
				28	06NR28UN	06NL28UN	6	0.8	0.6	1.9
				24	06NR24UN	06NL24UN	6	0.7	0.6	1.9
				20	06NR20UN	06NL20UN	6	0.6	0.6	1.9
				18	06NR18UN	06NL18UN	6	0.6	0.7	1.9
		3/16"		32	08NR32UN	08NL32UN	8	0.6	0.5	2.2
				28	08NR28UN	08NL28UN	8	0.6	0.6	2.2
				24	08NR24UN	08NL24UN	8	0.6	0.6	2.2
				20	08NR20UN	08NL20UN	8	0.6	0.6	2.2
				18	08NR18UN	08NL18UN	8	0.6	0.7	2.2
				16	08NR16UN	08NL16UN	8	0.6	0.7	2.2
				14	08NR14UN	08NL4UN	8	0.6	0.8	2.2
		1/4"		32	11NR32UN	11NL32UN	11	0.6	0.5	3.2
				28	11NR28UN	11NL28UN	11	0.6	0.6	3.2
				24	11NR24UN	11NL24UN	11	0.6	0.6	3.2
				20	11NR20UN	11NL20UN	11	0.6	0.7	3.2
				18	11NR18UN	11NL18UN	11	0.6	0.8	3.2
				16	11NR16UN	11NL16UN	11	0.6	0.9	3.2
		3/8"		32	16NR32UN	16NL32UN	16	0.6	0.6	3.65
				28	16NR28UN	16NL28UN	16	0.6	0.7	3.65
				24	16NR24UN	16NL24UN	16	0.7	0.8	3.65
				20	16NR20UN	16NL20UN	16	0.8	0.9	3.65
				18	16NR18UN	16NL18UN	16	0.8	1.0	3.65
				16	16NR16UN	16NL16UN	16	0.9	1.1	3.65
				14	16NR14UN	16NL14UN	16	1.0	1.2	3.65
				13	16NR13UN	16NL13UN	16	1.0	1.3	3.65
				12	16NR12UN	16NL12UN	16	1.1	1.4	3.65

				11	16NR11UN	16NL11UN	16	1.1	1.5	3.65
				10	16NR10UN	16NL10UN	16	1.1	1.5	3.65
				9	16NR9UN	16NL9UN	16	1.2	1.7	3.65
				8	16NR8UN	16NL8UN	16	1.2	2.0	3.65
		1/2"		7	22NR7UN	22NL7UN	22	1.6	2.3	4.76
				6	22NR6UN	22NL6UN	22	1.6	2.3	4.76
				5	22NR5UN	22NL5UN	22	1.7	2.5	4.76
		5/8"		4.5	27NR4.5UN	27NL4.5UN	27	1.9	2.7	6.35
				4	27NR4UN	27NL4UN	27	2.1	3.0	6.35
X Style		1/4"		32	11XNR32UN	11XNL32UN	11	0.6	0.6	3.39
				28	11XNR28UN	11XNL28UN	11	0.6	0.7	3.39
				24	11XNR24UN	11XNL24UN	11	0.7	0.8	3.39
				20	11XNR20UN	11XNL20UN	11	0.8	0.9	3.39
				18	11XNR18UN	11XNL18UN	11	0.8	1.0	3.39
				16	11XNR16UN	11XNL16UN	11	0.9	1.1	3.39
		3/8"		32	16XNR32UN	16XNL32UN	16	0.6	0.6	4.3
				28	16XNR28UN	16XNL28UN	16	0.6	0.7	4.3
				24	16XNR24UN	16XNL24UN	16	0.7	0.8	4.3
				20	16XNR20UN	16XNL20UN	16	0.8	0.9	4.3
				18	16XNR18UN	16XNL18UN	16	0.8	1.0	4.3
				16	16XNR16UN	16XNL16UN	16	0.9	1.1	4.3
				14	16XNR14UN	16XNL14UN	16	1.0	1.2	4.3
				13	16XNR13UN	16XNL13UN	16	1.0	1.3	4.3
				12	16XNR12UN	16XNL12UN	16	1.1	1.4	4.3
				11	16XNR11UN	16XNL11UN	16	1.1	1.5	4.3
				10	16XNR10UN	16XNL10UN	16	1.1	1.5	4.3
				9	16XNR9UN	16XNL9UN	16	1.2	1.7	4.3
				8	16XNR8UN	16XNL8UN	16	1.2	2.0	4.3
V Style		5/8"		4	27VNR4UN	27VNL4UN	27	1.0	3.3	6.35
				3	27VNR3UN	27VNL3UN	27	1.0	4.3	8.7

M Style		3/8"		16	16NR16UN2M		16	1.7	2.4	3.65
		1/2"		16	22NR16UN3M		22	2.5	4.0	4.76
				12	22NR16UN2M		22	2.1	3.2	4.76
				12	22NR16UN3M		22	3.3	5.2	4.76
		5/8"		8	27NR8UN2M		27	3.0	4.8	6.35

UNJ AVIATION THREAD

UNJC UNJF UNJEF UNJS
EXTERNAL

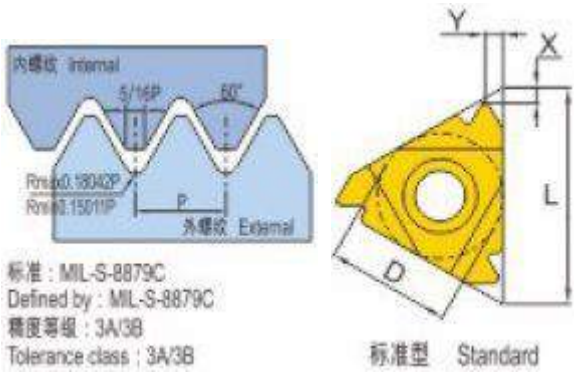


		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		28	11ER28UNJ	11EL28UNJ	11	0.7	0.7	3.2
				24	11ER24UNJ	11EL24UNJ	11	0.7	0.8	3.2
				20	11ER20UNJ	11EL20UNJ	11	0.8	0.9	3.2
				18	11ER18UNJ	11EL18UNJ	11	0.8	1.0	3.2
				16	11ER16UNJ	11EL16UNJ	11	0.9	1.1	3.2
				14	11ER14UNJ	11EL14UNJ	11	1.0	1.2	3.2
		3/8"								
				28	16ER28UNJ	16EL28UNJ	16	0.7	0.7	3.65
				24	16ER24UNJ	16EL24UNJ	16	0.7	0.8	3.65
				20	16ER20UNJ	16EL20UNJ	16	0.8	0.9	3.65
				18	16ER18UNJ	16EL18UNJ	16	0.8	1.0	3.65
				16	16ER16UNJ	16EL16UNJ	16	0.9	1.1	3.65
				14	16ER14UNJ	16EL14UNJ	16	1.0	1.2	3.65
				13	16ER13UNJ	16EL13UNJ	16	1.0	1.3	3.65
				12	16ER12UNJ	16EL12UNJ	16	1.1	1.3	3.65
				11	16ER11UNJ	16EL11UNJ	16	1.2	1.5	3.65
				10	16ER10UNJ	16EL10UNJ	16	1.2	1.5	3.65
				9	16ER9UNJ	16EL9UNJ	16	1.3	1.7	3.65
				8	16ER8UNJ	16EL8UNJ	16	1.2	1.6	3.65
		1/2"		7	22ER7UNJ	22EL7UNJ	22	1.7	2.3	4.76
				6	22ER6UNJ	22EL6UNJ	22	1.6	2.3	4.76
				5	22ER5UNJ	22EL5UNJ	22	1.8	2.5	4.76
		5/8"		4.5	27ER4.5UNJ	27EL4.5UNJ	27	2.0	2.7	6.35
				4	27ER4UNJ	27EL4UNJ	27	2.2	3.0	6.35
				20	16XER20UN	16XEL20UN	16	0.8	0.9	4.3
				18	16XER18UN	16XEL18UN	16	0.8	1.0	4.3

				16	16XER16UN	16XEL16UN	16	0.9	1.1	4.3
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UNJ AVIATION THREAD

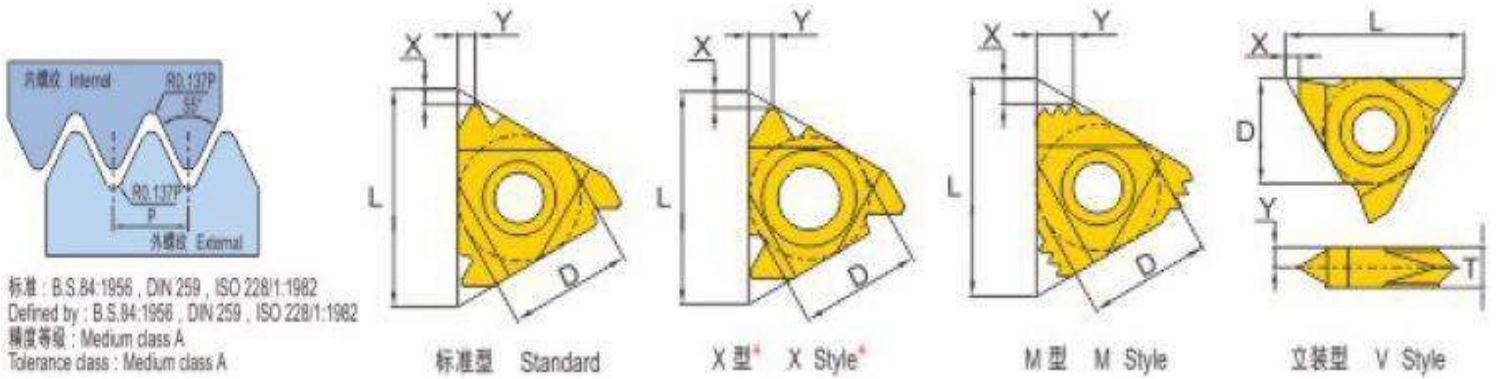
UNJC UNJF UNJEF UNJS
INTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard				28	11NR28UNJ	11NL28UNJ	11	0.7	0.7	3.2
				24	11NR24UNJ	11NL24UNJ	11	0.7	0.8	3.2
				20	11NR20UNJ	11NL20UNJ	11	0.8	0.9	3.2
				18	11NR18UNJ	11NL18UNJ	11	0.8	1.0	3.2
				16	11NR16UNJ	11NL16UNJ	11	0.9	1.1	3.2
				14	11NR14UNJ	11NL14UNJ	11	1.0	1.2	3.2
		3/8"		28	16NR28UNJ	16NL28UNJ	16	0.7	0.7	3.65
				24	16NR24UNJ	16NL24UNJ	16	0.7	0.8	3.65
				20	16NR20UNJ	16NL20UNJ	16	0.8	0.9	3.65
				18	16NR18UNJ	16NL18UNJ	16	0.8	1.0	3.65
				16	16NR16UNJ	16NL16UNJ	16	0.9	1.1	3.65
				14	16NR14UNJ	16NL14UNJ	16	1.0	1.2	3.65
				13	16NR13UNJ	16NL13UNJ	16	1.0	1.3	3.65
				12	16NR12UNJ	16NL12UNJ	16	1.1	1.3	3.65
				11	16NR11UNJ	16NL11UNJ	16	1.2	1.5	3.65
				10	16NR10UNJ	16NL10UNJ	16	1.2	1.5	3.65
				9	16NR9UNJ	16NL9UNJ	16	1.3	1.7	3.65
				8	16NR8UNJ	16NL8UNJ	16	1.2	1.6	3.65
		1/2"		7	22NR7UNJ	22NL7UNJ	22	1.7	2.3	4.76
				6	22NR6UNJ	22NL6UNJ	22	1.6	2.3	4.76
				5	22NR5UNJ	22NL5UNJ	22	1.8	2.5	4.76
		5/8"		4.5	27NR4.5UNJ	27NL4.5UNJ	27	2.0	2.7	6.35
				4	27NR4UNJ	27NL4UNJ	27	2.2	3.0	6.35

W-55 WHITWORTH FULL PROFILE

BSW BSF BSP BSB
EXTERNAL

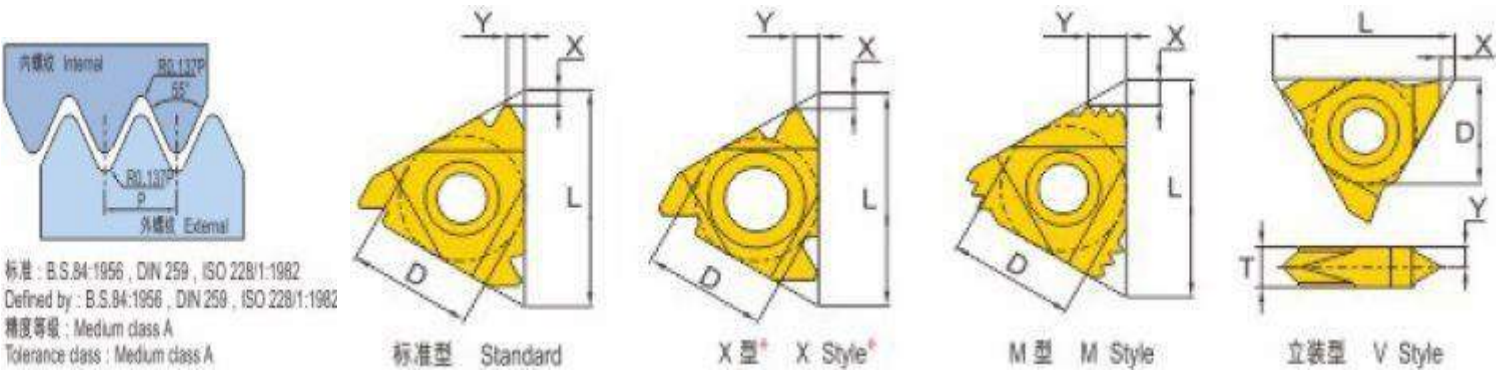


		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		28	11ER28W	11EL28W	11	0.6	0.7	3.2
				26	11ER26W	11EL26W	11	0.7	0.8	3.2
				20	11ER20W	11EL20W	11	0.8	0.9	3.2
				19	11ER19W	11EL19W	11	0.8	1.0	3.2
				18	11ER18W	11EL18W	11	0.8	1.0	3.2
				16	11ER16W	11EL16W	11	0.9	1.1	3.2
				14	11ER14W	11EL14W	11	1.0	1.2	3.2
		3/8"		28	16ER28W	16EL28W	16	0.6	0.7	3.65
				26	16ER26W	16EL26W	16	0.7	0.8	3.65
				20	16ER20W	16EL20W	16	0.8	0.9	3.65
				19	16ER19W	16EL19W	16	0.8	1.0	3.65
				18	16ER18W	16EL18W	16	0.8	0.9	3.65
				16	16ER16W	16EL16W	16	0.9	1.1	3.65
				14	16ER14W	16EL14W	16	1.0	1.2	3.65
				12	16ER12W	16EL12W	16	1.1	1.4	3.65
				11	16ER11W	16EL11W	16	1.1	1.5	3.65
				10	16ER10W	16EL10W	16	1.1	1.5	3.65
				9	16ER9W	16EL9W	16	1.2	1.5	3.65
				8	16ER8W	16EL8W	16	1.2	1.7	3.65
		1/2"		7	22ER7W	22EL7W	22	1.6	2.3	4.76
				6	22ER6W	22EL6W	22	1.6	2.3	4.76
				5	22ER5W	22EL5W	22	1.7	2.4	4.76
		5/8"		4.5	27ER4.5W	27EL4.5W	27	1.8	2.6	6.35
				4	27ER4W	27EL4W	27	2.0	2.9	6.35
Styl		3/8"								
				28	16XER28W	16XEL28W	16	0.6	0.7	4.3

				26	16XER26W	16XEL26W	16	0.7	0.8	4.3
				20	16XER20W	16XEL20W	16	0.8	0.9	4.3
				19	16XER19W	16XEL19W	16	0.8	1.0	
				18	16XER18W	16XEL18W	16	0.8	0.9	4.3
				16	16XER16W	16XEL16W	16	0.9	1.1	4.3
				14	16XER14W	16XEL14W	16	1.0	1.2	4.3
				12	16XER12W	16XEL12W	16	1.1	1.4	4.3
				11	16XER11W	16XEL11W	16	1.1	1.5	4.3
				10	16XER10W	16XEL10W	16	1.1	1.5	4.3
				9	16XER9W	16XEL9W	16	1.2	1.5	4.3
				8	16XER8W	16XEL8W	16	1.2	1.7	4.3
V Style		3/8"		19	16VER19W	16VEL19W	16	1.1	2.7	
				18	16VER18W	16VEL18W	16	1.1	2.6	3.65
				16	16VER16W	16VEL16W	16	1.1	2.6	3.65
				14	16VER14W	16VEL14W	16	1.1	2.4	3.65
				12	16VER12W	16VEL12W	16	1.1	2.4	3.65
				11	16VER10W	16VEL10W	16	1.1	2.1	3.65
		5/8"		4	27VER4W	27VEL4W	27	1.0	3.3	6.35
				3	27VER3W	27VEL3W	27	1.0	4.3	8.7
				2.5	27VER2.5W	27VEL2.5W	27	1.0	5.2	10
M Style		3/8"		14	16ER14W2M		16	1.9	2.8	3.65
		1/2"		14	22ER14W3M		22	2.9	4.6	4.76
				11	22ER11W2M		22	2.3	3.5	4.76
		5/8"		8	27ER8UN2M		27	3.2	5.0	6.35

W-55 WHITWORTH FULL PROFILE

BSW BSF BSP BSB
INTERNAL



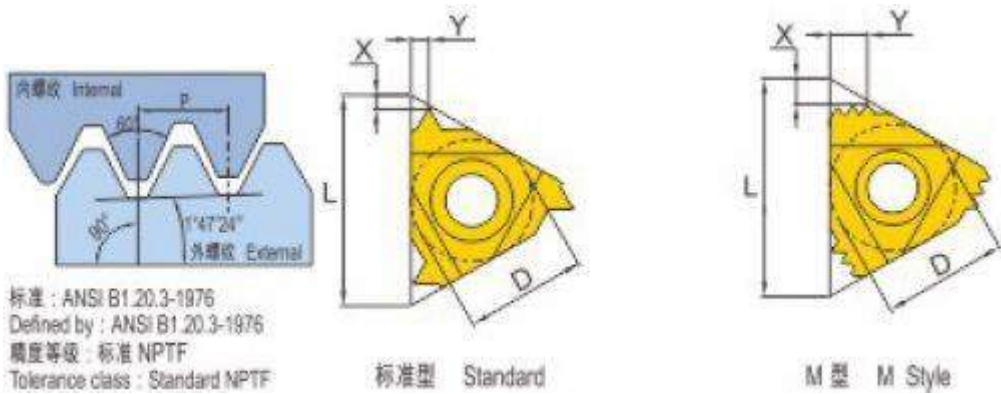
		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		5/32"		26	06NR26W	06NL26W	6	0.7	0.6	1.9
				22	06NR22W	06NL22W	6	0.6	0.6	1.9
				20	06NR20W	06NL20W	6	0.6	0.7	1.9
				18	06NR18W	06NL18W	6	0.6	0.7	1.9
		3/16"		28	08NR28W	08NL28W	8	0.6	0.6	2.2
				24	08NR24W	08NL24W	8	0.6	0.6	2.2
				20	08NR20W	08NL20W	8	0.6	0.7	2.2
				19	08NR19W	08NL19W	8	0.6	0.7	2.2
				18	08NR18W	08NL18W	8	0.6	0.7	2.2
				16	08NR16W	08NL16W	8	0.6	0.7	2.2
		1/4"		28	11NR28W	11NL28W	11	0.6	0.6	3.2
				26	11NR26W	11NL26W	11	0.6	0.7	3.2
				20	11NR20W	11NL20W	11	0.7	0.9	3.2
				19	11NR19W	11NL19W	11	0.8	1	3.2
				18	11NR18W	11NL18W	11	0.8	1	3.2
				16	11NR16W	11NL16W	11	0.9	1.1	3.2
				14	11NR14W	11NL14W	11	1.0	1.2	3.2
		3/8"		28	16NR28W	16NL28W	16	0.6	0.7	3.65
				26	16NR26W	16NL26W	16	0.7	0.8	3.65
				20	16NR20W	16NL20W	16	0.8	0.9	3.65
				19	16NR19W	16NL19W	16	0.8	1.0	3.65
				18	16NR18W	16NL18W	16	0.8	1.0	3.65
				16	16NR16W	16NL16W	16	0.9	1.1	3.65
				14	16NR14W	16NL14W	16	1.0	1.2	3.65

				12	16NR12W	16NL12W	16	1.1	1.4	3.65
				11	16NR11W	16NL11W	16	1.1	1.5	3.65
				10	16NR10W	16NL10W	16	1.1	1.5	3.65
				9	16NR9W	16NL9W	16	1.2	1.5	3.65
				8	16NR8W	16NL8W	16	1.2	1.7	3.65
		1/2"		7	22NR7W	22NL7W	22	1.6	2.3	4.76
				6	22NR6W	22NL6W	22	1.6	2.3	4.76
				5	22NR5W	22NL5W	22	1.7	2.5	4.76
		5/8"								
				4.5	27NR4.5W	27NL4.5W	27	1.8	2.6	6.35
				4	27NR4W	27NL4W	27	2.0	2.9	6.35
X Style		1/4"		28	11XNR28W	11XNL28W	11	0.6	0.6	3.39
				26	11XNR26W	11XNL26W	11	0.6	0.7	3.39
				20	11XNR20W	11XNL20W	11	0.7	0.9	3.39
				19	11XNR19W	11XNL19W	11	0.8	1.0	3.39
				18	11XNR18W	11XNL18W	11	0.8	1.0	3.39
				16	11XNR16W	11XNL16W	11	0.9	1.1	3.39
				14	11XNR14W	11XNL14W	11	1.0	1.2	3.39
		3/8"		28	16XNR28W	16XNL28W	16	0.6	0.7	4.3
				26	16XNR26W	16XNL26W	16	0.7	0.8	4.3
				20	16XNR20W	16XNL20W	16	0.8	0.9	4.3
				19	16XNR19W	16XNL19W	16	0.8	1.0	4.3
				18	16XNR18W	16XNL18W	16	0.8	1.0	4.3
				16	16XNR16W	16XNL16W	16	0.9	1.1	4.3
				14	16XNR14W	16XNL14W	16	1.0	1.2	4.3
				12	16XNR12W	16XNL12W	16	1.1	1.4	4.3
				11	16XNR11W	16XNL11W	16	1.1	1.5	4.3
				10	16XNR10W	16XNL10W	16	1.1	1.5	4.3
				9	16XNR9W	16XNL9W	16	1.2	1.5	4.3
				8	16XNR8W	16XNL8W	16	1.2	1.7	4.3
V Style		5/8"		4	27VNR4W	27VNL4W	27	1.0	3.3	6.35
				3	27VNR3W	27VNL3W	27	1.0	4.3	8.7
				2.5	27VNR2.5W	27VNL2.5W	27	1.0	5.2	10

M Style		3/8"		14	16NR14UN2M		16	1.9	2.8	3.65
		1/2"		14	22NR14W3M		22	2.9	4.6	4.76
				11	22NR11W2M		22	2.3	3.5	4.76

NPTF Dry seal

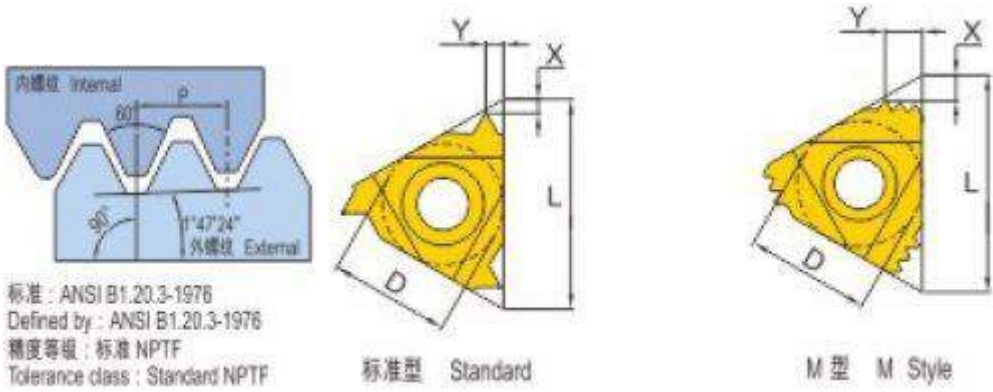
EXTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		27	11ER27NPTF	11EL27NPTF	11	0.7	0.8	3.2
				18	11ER18NPTF	11EL18NPTF	11	0.8	1.0	3.2
				14	11ER14NPTF	11EL14NPTF	11	0.8	1.0	3.2
		3/8"		27	16ER27NPTF	16EL27NPTF	16	0.7	0.8	3.65
				18	16ER18NPTF	16EL18NPTF	16	0.8	1.0	3.65
				14	16ER14NPTF	16EL14NPTF	16	0.9	1.2	3.65
				11.5	16ER11.5NPTF	16EL11.5NPTF	16	1.1	1.5	3.65
M Style		1/2"		8	16ER8NPTF	16EL8NPTF	16	1.3	1.8	3.65
				11.5	22ER11.5NPTF2M		22	3.4	2.2	4.76
										

NPTF Dry seal

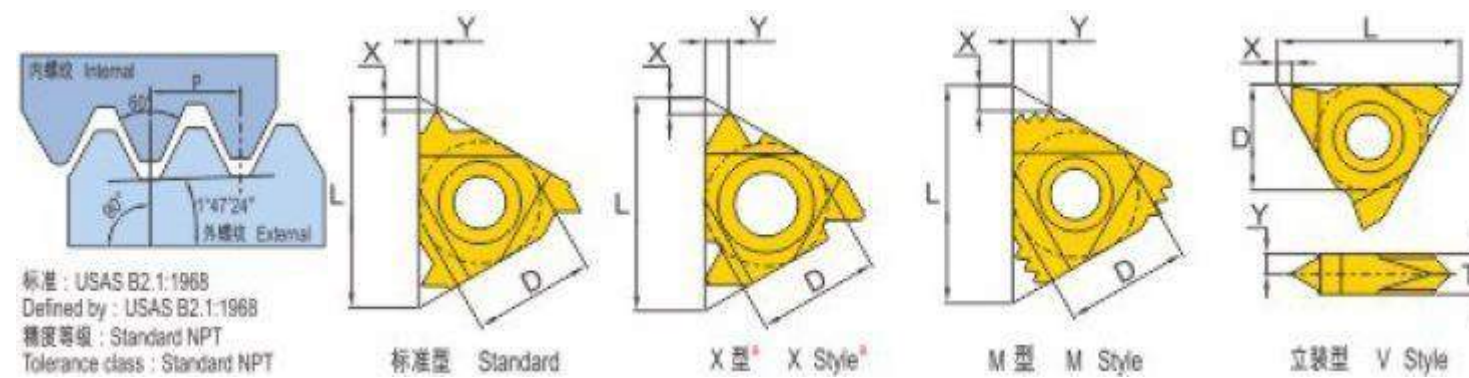
INTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		5/32"		27	06NR27NPTF	06NL27NPTF	6	0.7	0.6	1.9
		3/16"		27	08NR27NPTF	08NL27NPTF	8	0.6	0.6	2.2
				18	08NR18NPTF	08NL18NPTF	8	0.6	0.6	2.2
		1/4"								
				27	11NR27NPTF	11NL27NPTF	11	0.7	0.8	3.2
				18	11NR18NPTF	11NL18NPTF	11	0.8	1.0	3.2
				14	11NR14NPTF	11NL14NPTF	11	0.8	1.0	3.2
		3/8"								
				27	16NR27NPTF	16NL27NPTF	16	0.7	0.8	3.65
				18	16NR18NPTF	16NL18NPTF	16	0.8	1.0	3.65
				14	16NR14NPTF	16NL14NPTF	16	0.9	1.2	3.65
				11.5	16NR11.5NPTF	16NL11.5NPTF	16	1.1	1.5	3.65
				8	16NR8NPTF	16NL8NPTF	16	1.3	1.8	3.65
M Style		1/2"		11.5	22NR11.5NPTF2M		22	3.4	2.2	4.76
		1/2"		11.5	27NR11.5NPTF3M		27	3.5	2.2	6.35

NPTF 60° NATIONAL PIPE THREADS

EXTERNAL

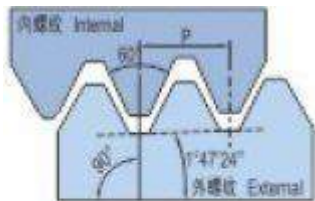


		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		27	11ER27NPT	11EL27NPT	11	0.7	0.8	3.2
				18	11ER18NPT	11EL18NPT	11	0.8	1.0	3.2
				14	11ER14NPT	11EL14NPT	11	0.8	1.0	3.2
		3/8"		27	16ER27NPT	16EL27NPT	16	0.7	0.8	3.65
				18	16ER18NPT	16EL18NPT	16	0.8	1.0	3.65
				14	16ER14NPT	16EL14NPT	16	0.8	1.0	3.65
				11.5	16ER11.5NPT	16EL11.5NPT	16	1.1	1.5	3.65
				8	16ER8NPT	16EL8NPT	16	1.2	1.8	3.65
X Style		3/8"		27	16XER27NPT	16XEL27NPT	16	0.7	0.8	4.3
				18	16XER18NPT	16XEL18NPT	16	0.8	1.0	4.3
				14	16XER14NPT	16XEL14NPT	16	0.8	1.0	4.3
				11.5	16XER11.5NPT	16XEL11.5NPT	16	1.1	1.5	4.3
				8	16XER8NPT	16XEL8NPT	16	1.2	1.8	4.3
V Style		3/8"		27	16VER27NPT	16VEL27NPT	16	1.1	2.9	3.65
				18	16VER18NPT	16VEL18NPT	16	1.1	2.6	3.65
				14	16VER14NPT	16VEL14NPT	16	1.1	2.3	3.65
				11.5	16VER11NPT	16VEL11NPT	16	1.1	2.1	3.65

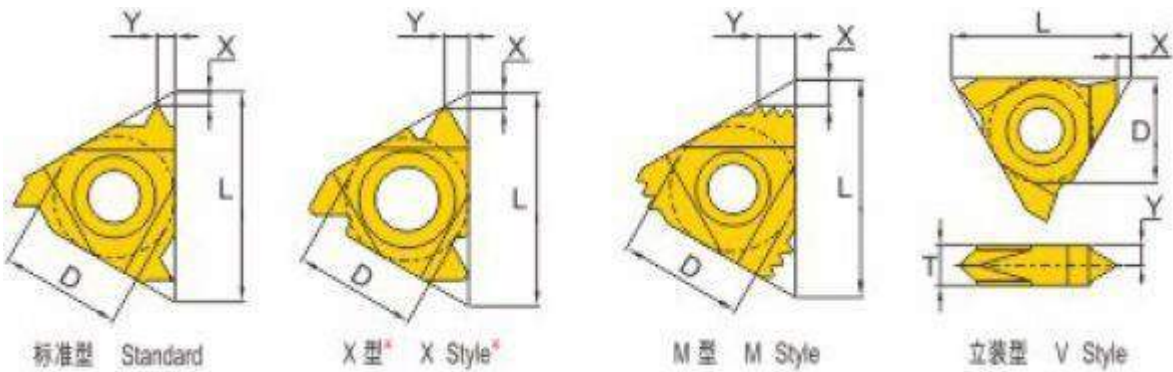
M Style		1/2 "		11.5	12ER11.5NPT2M		22	3.4	2.2	4.76
		5/8 "		11.5	27ER11.5NPT3M		27	3.5	5.6	6.35
				8	27ER8NPT2M		27	2.9	4.7	6.35

NPTF 60° NATIONAL PIPE THREADS

INTERNAL



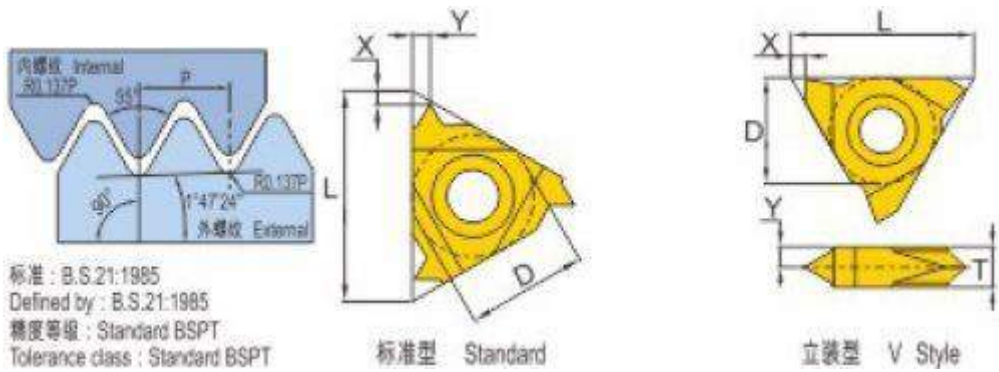
标准 : USAS B2.1:1968
Defined by : USAS B2.1:1968
精度等级 : Standard NPT
Tolerance class : Standard NPT



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		5/32"		27	06NR27NPT	06NL27NPT	6	0.6	0.6	1.9
		3/16"		27	08NR27NPT	08NL27NPT	8	0.6	0.6	2.2
				18	08NR18NPT	08NL18NPT	8	0.6	0.6	2.2
		1/4"		27	11NR27NPT	11NL27NPT	11	0.7	0.8	3.2
				18	11NR18NPT	11NL18NPT	11	0.8	1.0	3.2
				14	11NR14NPT	11NL14NPT	11	0.8	1.0	3.2
		3/8"		27	16NR27NPT	16NL27NPT	16	0.7	0.8	3.65
				18	16NR18NPT	16NL18NPT	16	0.8	1.0	3.65
				14	16NR14NPT	16NL14NPT	16	0.8	1.0	3.65
				11.5	16NR11.5NPT	16NL11.5NPT	16	1.1	1.5	3.65
				8	16NR8NPT	16NL8NPT	16	1.2	1.8	3.65
X Style		1/4"		27	11XNR27NPT	11XNL27NPT	11	0.7	0.8	3.39
				18	11XNR18NPT	11XNL18NPT	11	0.8	1.0	3.39
				14	11XNR14NPT	11XNL14NPT	11	0.8	1.0	3.39
		3/8"		27	16XNR27NPT	16XNL27NPT	16	0.7	0.8	4.3

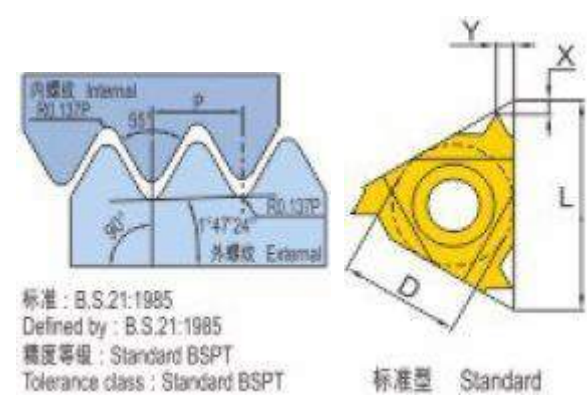
				18	16XNR18NPT	16XNL18NPT	16	0.8	1.0	4.3
				14	16XNR14NPT	16XNL14NPT	16	0.8	1.0	4.3
				11.5	16XNR11.5NPT	16XNL11.5NPT	16	1.1	1.5	4.3
				8	16XNR8NPT	16XNL8NPT	16	1.2	1.8	4.3
M Style	 	1/2"		11.5	22NR11.5NPT2M		22	3.4	2.2	4.76
		5/8"		11.5	27NR11.5NPT3M		27	3.5	5.6	6.35
				8	27NR8NPT2M		27	2.9	4.7	6.35

BSPT 55° BRITISH STANDARD PIPE FULL PROFILE
EXTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		28	11ER28BSPT	11EL28BSPT	11	0.6	0.9	3.2
				19	11ER19BSPT	11EL19BSPT	11	0.8	0.9	3.2
				14	11ER14BSPT	11EL14BSPT	11	0.9	1.0	3.2
		3/8"		28	16ER28BSPT	16EL28BSPT	16	0.6	0.6	3.65
				19	16ER19BSPT	16EL19BSPT	16	0.8	0.9	3.65
				14	16ER14BSPT	16EL14BSPT	16	1.0	1.2	3.65
				11	16ER11BSPT	16EL11BSPT	16	1.1	1.5	3.65
V Style		3/8"		28	16VER28BSPT	16VEL28BSPT	16	1.1	3.0	3.65
				19	16VER19BSPT	16VEL19BSPT	16	1.1	2.7	3.65
				14	16VER14BSPT	16VEL14BSPT	16	1.1	2.4	3.65
				11	16VER11BSPT	16VEL11BSPT	16	1.1	2.1	3.65
										

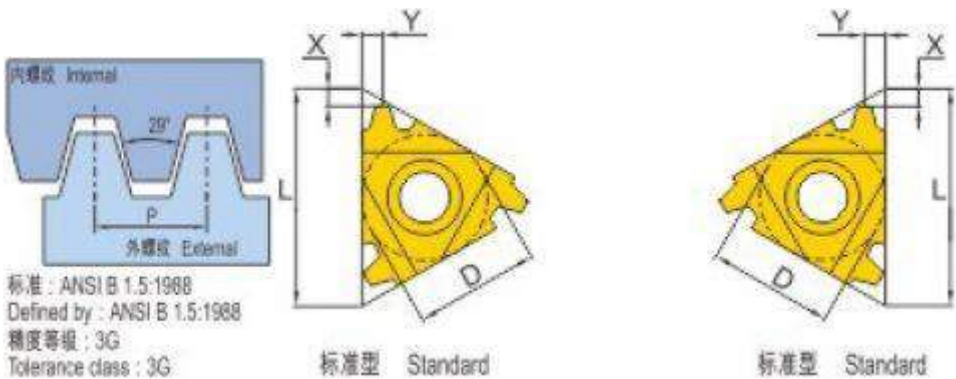
BSPT 55° BRITISH STANDARD PIPE FULL PROFILE
INTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		5/32"		28	06NR28BSPT	06NL28BSPT	6	0.7	0.6	1.9
		3/16"		28	08NR28BSPT	08NL28BSPT	8	0.6	0.6	2.2
				19	08NR19BSPT	08NL19BSPT	8	0.6	0.6	2.2
		1/4"		28	11NR28BSPT	11NL28BSPT	11	0.6	0.8	3.2
				19	11NR19BSPT	11NL19BSPT	11	0.8	0.9	3.2
				14	11NR14BSPT	11NL14BSPT	11	0.9	1.0	3.2
		3/8"		28	16NR28BSPT	16NL28BSPT	16	0.6	0.6	3.65
				19	16NR19BSPT	16NL19BSPT	16	0.8	0.9	3.65
				14	16NR14BSPT	16NL14BSPT	16	1.0	1.2	3.65
				11	16NR11BSPT	16NL11BSPT	16	1.1	1.5	3.65

AMERICAN ACME

ACME 29°
STANDARD



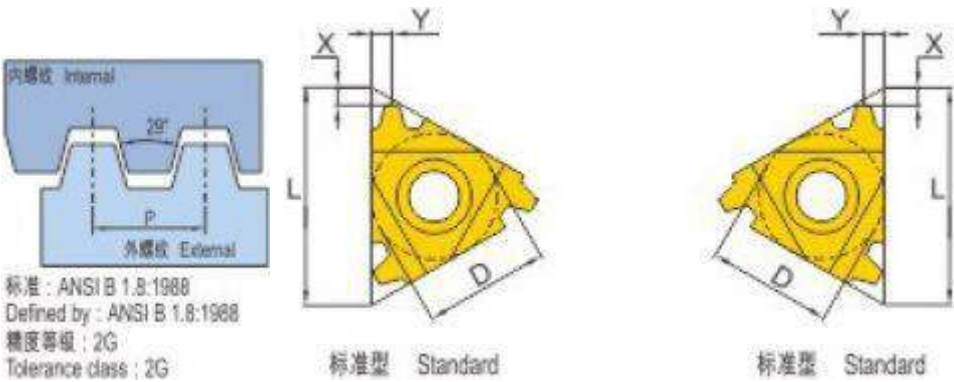
		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
EXTERNAL		3/8"		16	16ER16ACME	16EL16ACME	16	1.0	1.1	3.65
				14	16ER14ACME	16EL14ACME	16	1.0	1.2	3.65
				12	16ER12ACME	16EL12ACME	16	1.1	1.2	3.65
				10	16ER10ACME	16EL10ACME	16	1.3	1.3	3.65
				8	16ER8ACME	16EL8ACME	16	1.4	1.5	3.65
		1/2"		6	22ER6ACME	22EL6ACME	22	1.8	2.1	4.76
				5	22ER5ACME	22EL5ACME	22	2.0	2.3	4.76
		5/8"		4	27ER4ACME	27EL4ACME	27	2.4	2.7	6.35
INTERNAL		3/8"		16	16NR16ACME	16NL16ACME	16	1.0	1.1	3.65
				14	16NR14ACME	A6NL14ACME	16	1.0	1.2	3.65
				12	16NR12ACME	16NL12ACME	16	1.1	1.2	3.65
				10	16NR10ACME	16NL10ACME	16	1.3	1.3	3.65
				8	16NR8ACME	16NL8ACME	16	1.4	1.5	3.65
		1/2"		6	22NR6ACME	22NL6ACME	22	1.8	2.1	4.76

			5	22NR5ACME	22NL5ACME	22	2.0	2.3	4.76
	5/8"		4	27NR4ACME	27NL4ACME	27	2.4	2.7	6.35

STUB ACME

STACME 29°

STANDARD

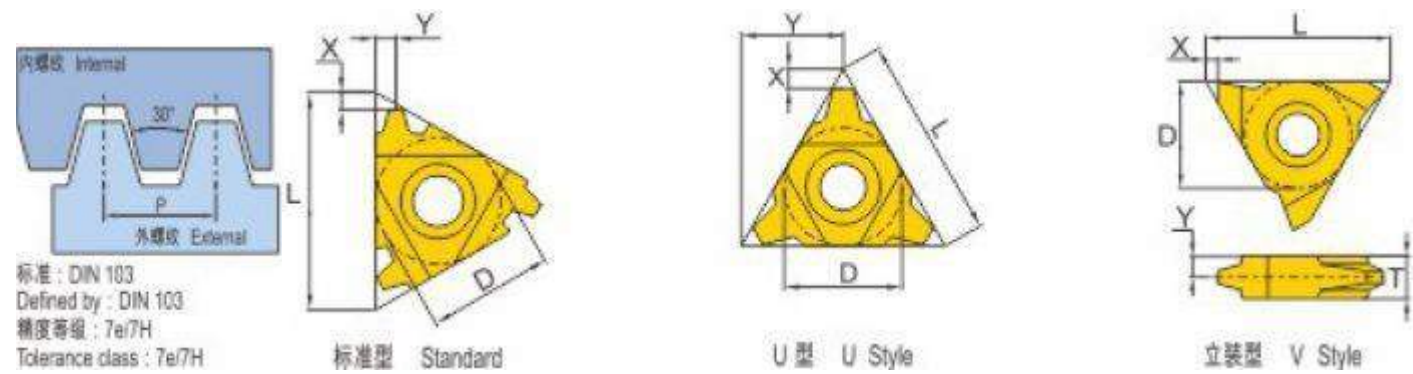


		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
EXTERNAL		3/8"		16	16ER16STACME	16EL16STACME	16	1.0	1.1	3.65
				14	16ER14STACME	16EL14STACME	16	1.1	1.1	3.65
				12	16ER12STACME	16EL12STACME	16	1.2	1.2	3.65
				10	16ER10STACME	16EL10STACME	16	1.2	1.3	3.65
				8	16ER8STACME	16EL8STACME	16	1.4	1.5	3.65
				6	16ER6STACME	16EL6STACME	16	1.7	1.8	3.65
		1/2"		5	22ER5STACME	22EL5STACME	22	2.1	2.3	4.76
		5/8"		4	27ER4STACME	27EL4STACME	27	2.3	2.4	6.35
				3	27ER3STACME	27EL3STACME	27	2.9	2.9	6.35
INTERNAL		3/8"		16	16NR16STACME	16NL16STACME	16	1.0	1.1	3.65
				14	16NR14STACME	A6NL14STACME	16	1.1	1.2	3.65
				12	16NR12STACME	16NL12STACME	16	1.2	1.2	3.65
				10	16NR10STACME	16NL10STACME	16	1.2	1.3	3.65
				8	16NR8STACME	16NL8STACME	16	1.4	1.5	3.65
				6	16NR6STACME	16NL6STACME	16	1.7	1.8	3.65

	1/2"		5	22NR5STACME	22NL5STACME	22	2.1	2.3	4.76
	5/8"		4	27NR4STACME	27NL4STACME	27	2.3	2.4	6.35
			3	27NR3STACME	27NL3STACME	27	2.9	2.9	6.35

TR 30° TRAPEZE

EXTERNAL

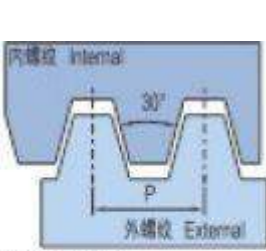


		D	Pitch		Code		Dimension			
			mm		Right	Left	L	X	Y	T
Standard		3/8"	1.5		16ER1.5TR	16EL1.5TR	16	1.0	1.1	3.65
			2.0		16ER2.0TR	16EL2.0TR	16	1.1	1.3	3.65
			3.0		16ER3.0TR	16EL3.0TR	16	1.3	1.5	3.65
		1/2"	4.0		22ER4.0TR	22EL4.0TR	22	1.7	1.9	4.76
			5.0		22ER5.0TR	22EL5.0TR	22	2.1	2.5	4.76
		5/8"	6.0		27ER6.0TR	27EL6.0TR	27	2.2	2.6	6.35
			7.0		27ER7.0TR	27EL7.0TR	27	2.3	2.7	6.35
V Style		5/8"	6.0		27VER6.0TR	27VEL6.0TR	27	1.0	3.3	6.35
			7.0		27VER7.0TR	27VEL6.0TR	27	1.0	3.3	6.35
			8.0		27VER8.0TR	27VEL8.0TR	27	1.0	3.3	6.35
			9.0		27VER9.0TR	27VEL9.0TR	27	1.0	4.3	6.35
			10.0		27VER10.0TR	27VEL10.0TR	27	1.0	4.3	6.35
			12.0		27VER12.0TR	27VEL12.0TR	27	1.0	5.2	6.35

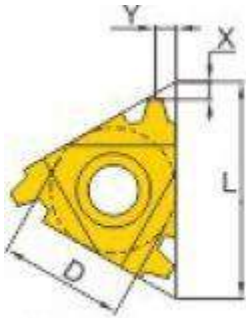
										
U Style		5/8 "	8.0		27UE8.0TR		27	2.6	13.7	6.35
			9.0		27UE9.0TR		27	3.0	13.7	6.35

TR 30° TRAPEZE

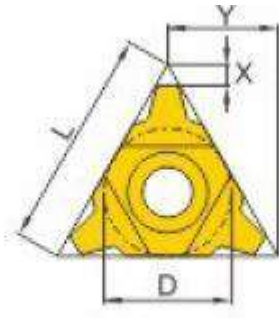
INTERNAL



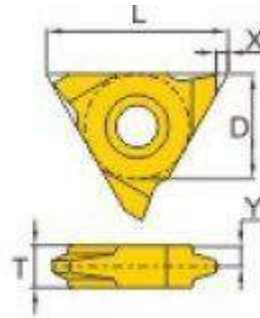
标准 : DIN 103
Defined by : DIN 103
精度等级 : 7e/7H
Tolerance class : 7e/7H



标准型 Standard



U 型 U Style



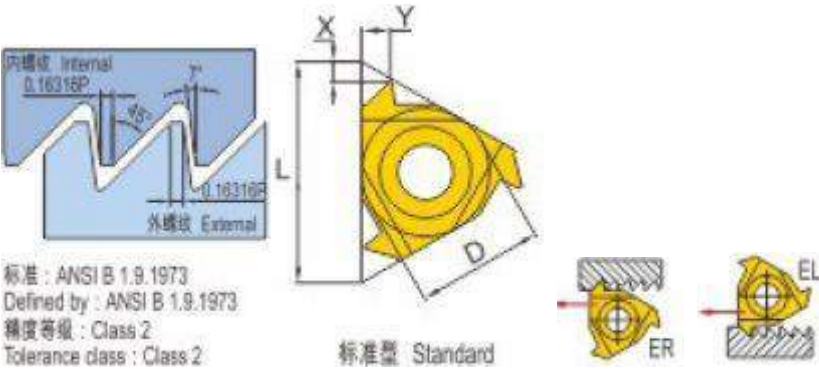
立装型 V Style

		D	Pitch		Code		Dimension			
			mm		Right	Left	L	X	Y	T
Standard		3/8 "	1.5		16NR1.5TR	16NL1.5TR	16	1.0	1.1	3.65
			2.0		16NR2.0TR	16NR2.0TR	16	1.1	1.3	3.65
			3.0		16NR3.0TR	16NL3.0TR	16	1.3	1.5	3.65
		1/2 "	4.0		22NR4.0TR	22NL4.0TR	22	1.7	1.9	4.76
			5.0		22NR5.0TR	22NL5.0TR	22	2.1	2.5	4.76
		5/8 "	6.0		27NR6.0TR	27NL6.0TR	27	2.2	2.6	6.35
			7.0		27NR7.0TR	27NL7.0TR	27	2.3	2.7	6.35
V Style		5/8 "	6.0		27VNR6.0TR	27VNL6.0TR	27	1.0	3.3	6.35
			7.0		27VNR7.0TR	27VNL6.0TR	27	1.0	3.3	6.35
			8.0		27VNR8.0TR	27VNL8.0TR	27	1.0	3.3	6.35
			9.0		27VNER9.0TR	27VNL9.0TR	27	1.0	4.3	6.35
			10.0		27VNR10.0TR	27VNL10.0TR	27	1.0	4.3	6.35

			12.0		27VNR12.0TR	27VNL12.0TR	27	1.0	5.2	6.35
U Style		5/8"	8.0		27UN8.0TR		27	2.6	13.7	6.35
			9.0		27UN9.0TR		27	3.0	13.7	6.35

AMERICAN BUTTRESS

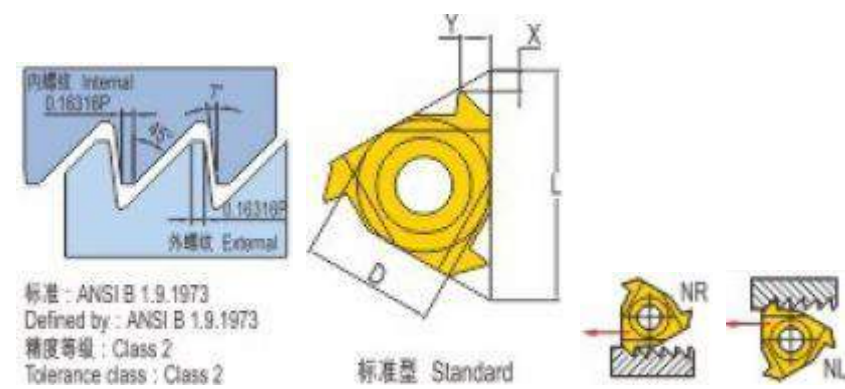
ABUT
EXTERNAL



		D	Pitch	Code		Dimension			
			TPI	Right	Left	L	X	Y	T
Standard		1/4"	20	11ER20ABUT	11EL20ABUT	11	1.0	1.4	3.2
			16	11ER16ABUT	11EL16ABUT	11	1.3	1.9	3.2
		3/8"	20	16ER20ABUT	16EL20ABUT	16	1.0	1.4	3.65
			16	16ER16ABUT	16EL16ABUT	16	1.3	1.9	3.65
			12	16ER12ABUT	16EL12ABUT	16	1.4	2.0	3.65
			10	16ER10ABUT	16EL10ABUT	16	1.5	2.3	3.65
		1/2"	8	22ER8ABUT	22EL8ABUT	22	2.0	3.2	4.76
			6	22ER6ABUT	22EL6ABUT	22	2.2	3.5	4.76

AMERICAN BUTTRESS

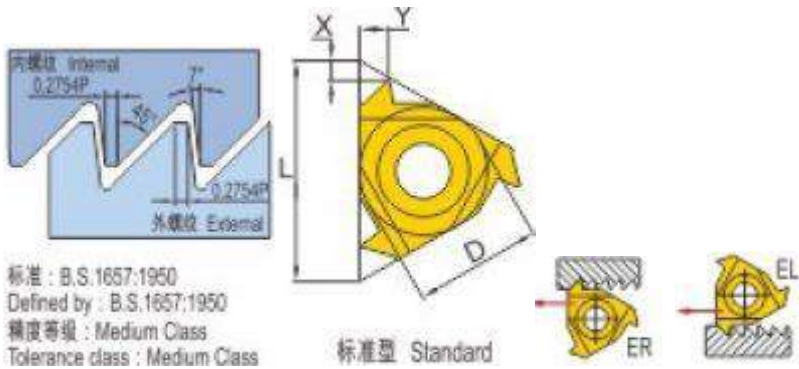
ABUT
INTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		1/4"		20	11NR20ABUT	11NL20ABUT	11	1.0	1.4	3.2
				16	11NR16ABUT	11NR16ABUT	11	1.3	1.9	3.2
		3/8"		20	16NR20ABUT	16NL20ABUT	16	1.0	1.4	3.65
				16	16NR16ABUT	16NL16ABUT	16	1.3	1.9	3.65
				12	16NR12ABUT	16NL12ABUT	16	1.4	2.0	3.65
				10	16NR10ABUT	16NL10ABUT	16	1.5	2.3	3.65
		1/2"		8	22NR8ABUT	22NL8ABUT	22	2.0	3.2	4.76
				6	22NR6ABUT	22NL6ABUT	22	2.2	3.5	4.76

BRITISH BUTTRESS

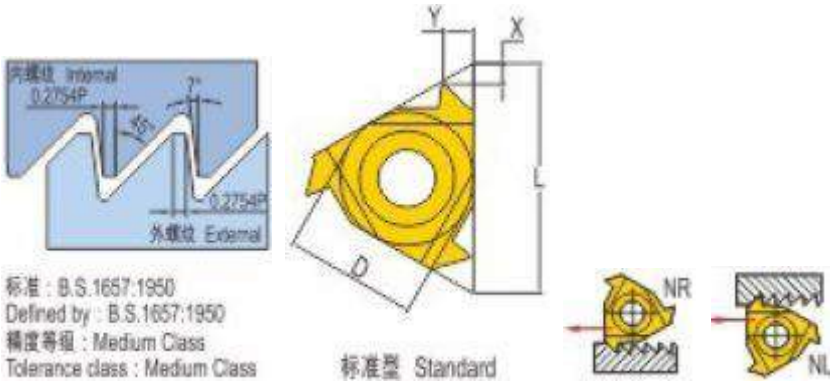
BBUT
EXTERNAL



		D	Pitch	Code		Dimension			
			TPI	Right	Left	L	X	Y	T
Standard		3/8"	16	16ER16BBUT	16EL16BBUT	16	1.1	1.6	3.65
			12	16ER12BBUT	16EL12BBUT	16	1.4	2.1	3.65
			10	16ER10BBUT	16EL10BBUT	16	1.4	2.2	3.65
			8	16ER8BBUT	16EL8BBUT	16	1.6	2.5	3.65
		1/2"	8	22ER8BBUT	22EL8BBUT	22	1.6	2.5	4.76

BRITISH BUTTRESS

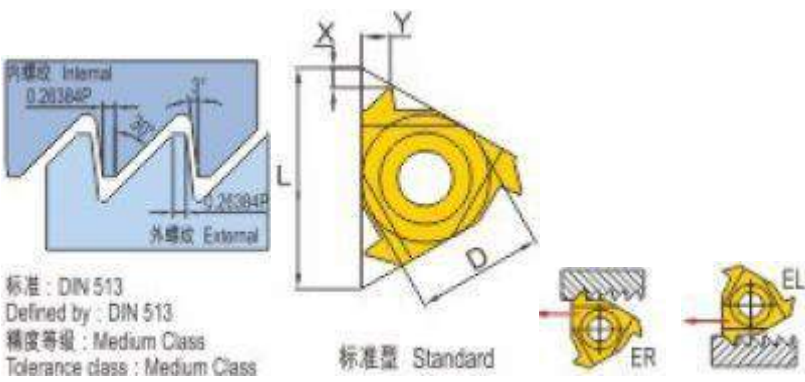
BBUT
INTERNAL



		D	Pitch		Code		Dimension			
				TPI	Right	Left	L	X	Y	T
Standard		3/8"		16	16NR16BBUT	16NL16BBUT	16	1.1	1.6	3.65
				12	16NR12BBUT	16NL12BBUT	16	1.4	2.1	3.65
				10	16NR10BBUT	16NL10BBUT	16	1.4	2.2	3.65
				8	16NR8BBUT	16NL8BBUT	16	1.6	2.5	3.65
		1/2"		8	22NR8BBUT	22NL8BBUT	22	1.6	2.5	4.76

SAGENGEWINDE

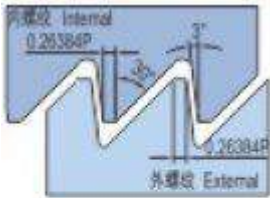
SAGE
EXTERNAL



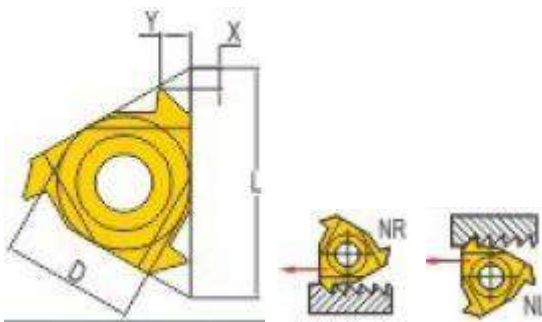
		D	Pitch		Code		Dimension			
			mm		Right	Left	L	X	Y	T
Standard		3/8"	2.0		16ER2.0SAGE	16EL2.0SAGE	16	1.47	2.08	3.65
		1/2"	2.0		22ER2.0SAGE	22EL2.0SAGE	22	1.47	2.08	4.76
			3.0		22ER3.0SAGE	22EL3.0SAGE	22	1.79	2.08	4.76
		5/8"								
			4.0		27ER4.0SAGE	27EL4.0SAGE	27	1.93	3.2	6.35

SAGENGEWINDE

SAGE
INTERNAL



标准 : DIN 513
Defined by : DIN 513
精度等级 : Medium Class
Tolerance class : Medium Class



		D	Pitch		Code		Dimension			
			mm		Right	Left	L	X	Y	T
Standard		3/8"	2.0		16NR2.0SAGE	16NL2.0SAGE	16	1.52	2.2	3.65
		1/2"	3.0		22NR3.0SAGE	22NL3.0SAGE	22	1.66	2.9	4.76
		5/8"	4.0		27NR4.0SAGE	27NL4.0SAGE	27	2.12	3.2	6.35

ROUND DIN 405

RD
STANDARD

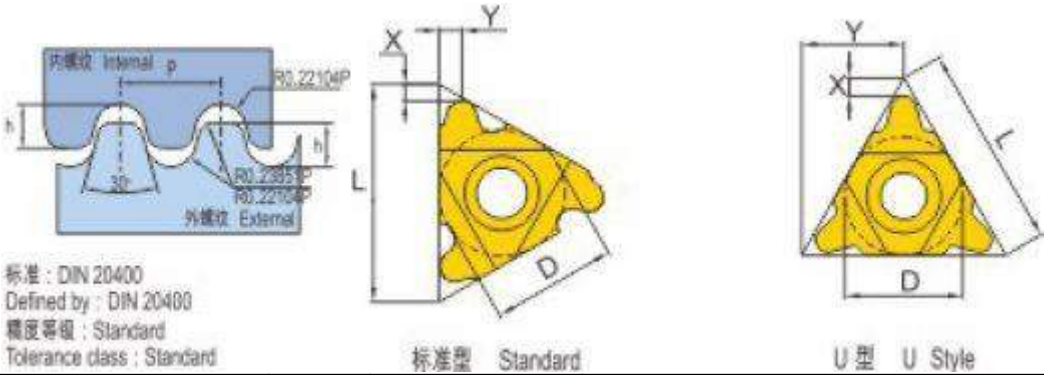


		D	Pitch		Code		Dimension				
				TPI	Right	Left	L	X	Y	hmin	T
EXTERNAL		3/8"		10	16ER10RD	16EL10RD	16	1.1	1.2	1.27	3.65
				8	16ER8RD	16EL8RD	16	1.3	1.4	1.59	3.65
				6	16ER6RD	16EL6RD	16	1.5	1.7	2.12	3.65
		1/2"		6	22ER6RD	22EL6RD	22	1.5	1.7	2.12	4.76
				4	22ER4RD	22EL4RD	22	1.7	2.3	3.18	4.76
		5/8"		4	27ER4RD	27EL4RD	27	1.7	2.3	3.18	6.35
INTERNAL		3/8"		10	16NR10RD	16NL10RD	16	1.1	1.2	1.27	3.65
				8	16NR8RD	16NL8RD	16	1.3	1.4	1.59	3.65
				6	16NR6RD	16NL6RD	16	1.5	1.7	2.12	3.65

	1/2"		6	22NR6RD	22NL6RD	22	1.5	1.7	2.12	4.76
			4	22NR4RD	22NL4RD	22	1.7	2.3	3.18	4.76
	5/8"									
			4	27NR4RD	27NL4RD	27	1.7	2.3	3.18	6.35

ROUND 20400

RD
EXTERNAL

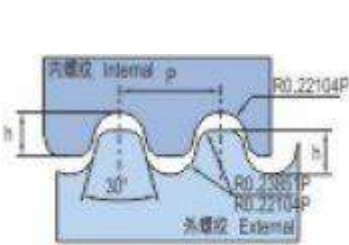


		D	Pitch		Code		Dimension				
			mm		Right	Left	L	X	Y	hmin	T
Standard		1/2"	3.0		22ER3.0RD	22EL3.0RD	22	1.28	1.7	1.65	4.76
			4.0		22ER4.0RD	22EL4.0RD	22	1.6	2.2	2.2	4.76
			5.0		22ER5.0RD	22EL5.0RD	22	1.36	1.75	2.75	4.76
			6.0		22ER6.0RD	22EL6.0RD	22	1.7	2.1	3.3	4.76
U Style			8.0		27UEN8.0RD		27	2.95	13.5	4.4	6.35

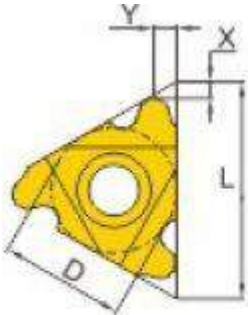
										

ROUND 20400

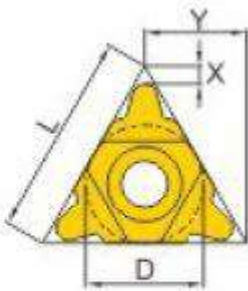
RD
INTERNAL



标准 : DIN 20400
Defined by : DIN 20400
精度等级 : Standard
Tolerance class : Standard



标准型 Standard



U 型 U Style

		D	Pitch		Code		Dimension				
			mm		Right	Left	L	X	Y	hmin	T
Standard		1/2"	3.0		22NR3.0RD	22NL3.0RD	22	1.32	1.7	1.65	4.76
			4.0		22NR4.0RD	22NL4.0RD	22	1.64	2.2	2.2	4.76
			5.0		22NR5.0RD	22NL5.0RD	22	1.41	1.75	2.75	4.76
			6.0		22NR6.0RD	22NL6.0RD	22	1.75	2.1	3.3	4.76
U Style			8.0		27UEN8.0RD		27	2.95	13.5	4.4	6.35

API ROUND CASING & TUBING

API
STANDARD



		D	Pitch		Code		Dimension				
				TPI	Right	Left	L	X	Y		T
EXTERNAL		3/8"		10	16ER10APIRD	16EL10APIRD	16	1.2	1.4		3.65
				8	16ER8APIRD	16EL8APIRD	16	1.3	1.5		3.65
INTERNAL		3/8"		10	16NR10APIRD	16NL10APIRD	16	1.2	1.4		3.65
				8	16NR8APIRD	16NL8APIRD	16	1.3	1.5		3.65

API BUTTRESS CASING

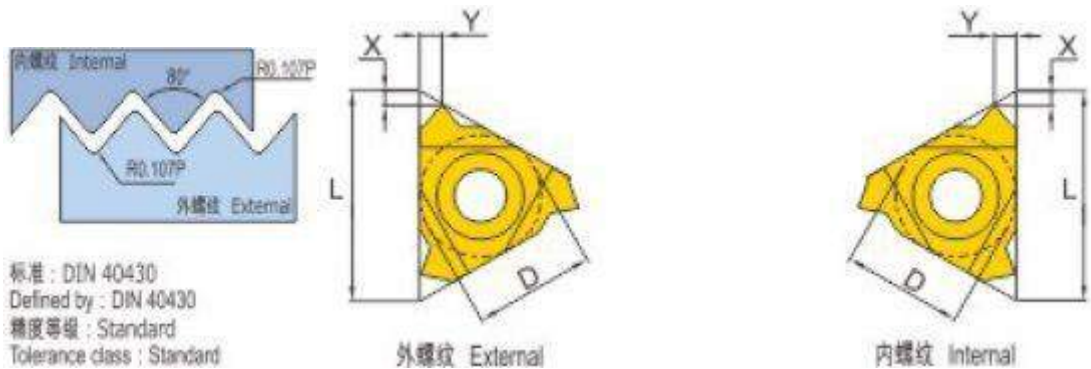
API
STANDARD



		D	Pitch		Code		Dimension				
				TPI	Right	Left	L	X	Y		T
EXTERNAL		1/2"		5	22ER5BUT	22EL5BUT	22	3.1	1.9		4.76
INTERNAL		1/2"		5	22NR5BUT	22NL5BUT	22	2.8	1.9		4.76

PG

STANDARD



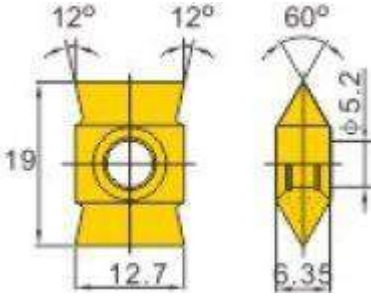
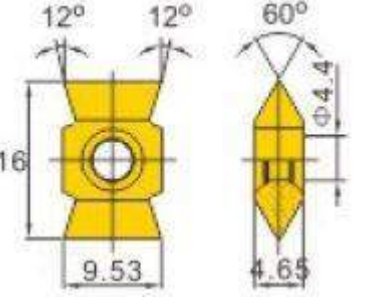
		D	Pitch		Code		Dimension			
			Thread	TPI	Right	Left	L	X	Y	T
EXTERNAL		1/4"	pg7	20	11ER20pg	11EL20pg	11	0.8	0.9	3.2
			pg9/11/13.5/16	18	11ER18pg	11EL18pg	11	0.8	1.0	3.2
			pg21/29/36/42/48	16	11ER16pg	11EL16pg	11	0.9	1.1	3.2
		3/8"	pg7	20	16ER20pg	16EL20pg	16	0.8	0.9	3.65
			pg9/11/13.5/16	18	16ER18pg	16EL18pg	16	0.8	1.0	3.65
			pg21/29/36/42/48	16	16ER16pg	16EL16pg	16	0.9	1.1	3.65
INTERNAL		1/4"	pg7	20	11NR20pg	11NL20pg	11	0.8	0.9	3.2
			pg9/11/13.5/16	18	11NR18pg	11NL18pg	11	0.8	1.0	3.2
			pg21/29/36/42/48	16	11NR16pg	11NL16pg	11	0.9	1.1	3.2

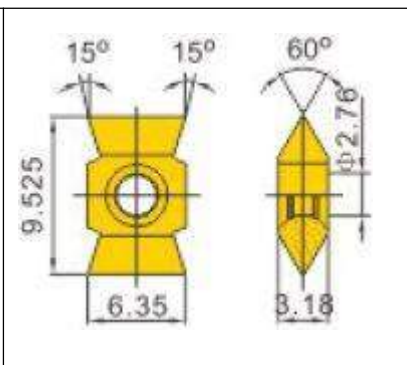
	3/8"	pg7	20	16NR20pg	16NL20pg	16	0.8	0.9	3.65
		pg9/11/13.5/16	18	16NR18pg	16NL18pg	16	0.8	1.0	3.65
		pg21/29/36/42/48	16	16NR16pg	16NL16pg	16	0.9	1.1	3.65

PARTIAL PROFILE V STYLE INSERTS

	Pitch		Code		Dimension			
	mm				Re			
	1.0-1.75		MTTR/L436001		R0.1			
	2.0-2.5		MTTR/L436002		R0.2			
	3.0-3.5		MTTR/L436003		R0.3			
	4.0-4.5		MTTR/L436004		R0.4			
 ROFILE PARTIAL PROFILE 55°	1.0-1.75		MTTR/L435501		R0.1			
	2.0-2.5		MTTR/L435502		R0.2			
	3.0-3.5		MTTR/L435503		R0.3			
	4.0-4.5		MTTR/L435504		R0.4			

PARTIAL PROFILE THREAD WHIRLING MILLING INSERTS

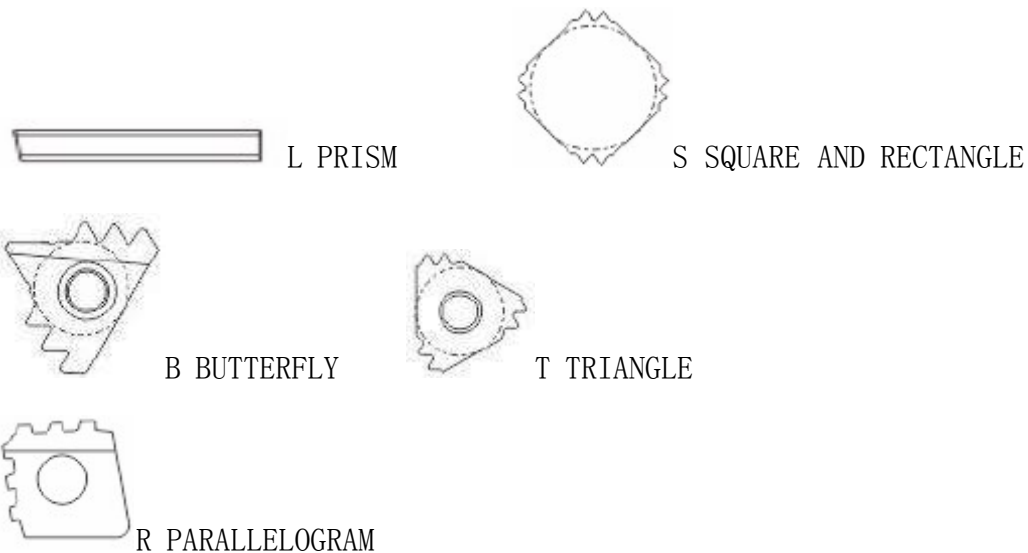
	Dimension		CODE
		PARTIAL PROFILE 60°	SV1906
		PARTIAL PROFILE 60°	SV1604

		PARTIAL PROFILE 60°	SV0903
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THREADING TOOLS FOR OIL PIPES

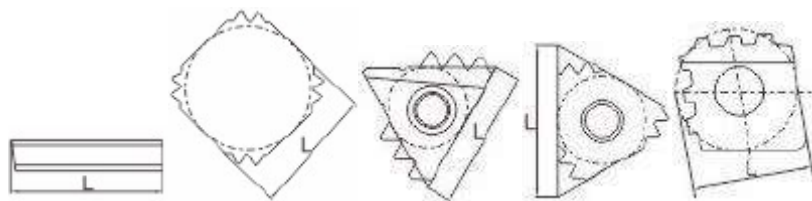
Threading inserts for oil pipe ordering code system

L	40	V	E	R	8	RD	1-2		
1	2	3	4	5	6	7	8	9	10

1-Inserts style or used for machine toole

P Used for PMC machine tool (USA)

C Used for Colinet machine tool (BELGIUM)

2-Inserts size**3-**

V Style

Nothing means others

4-

E-EXTERNAL N-INTERNAL

5-

R-RIGHT HAND L-LEFT HAND

6-

TPI

7-

RD-For API Round BU-For API Buttress G-For API Line Type

8-

Edges of the inserts

9-

Teeth of edge

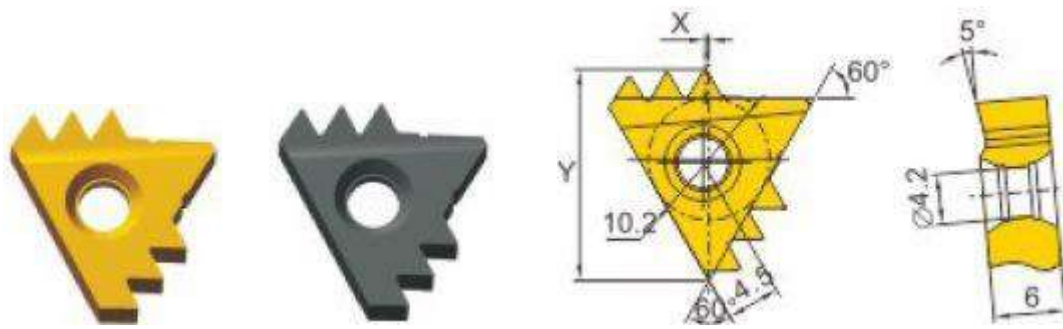
10-

Sequence NO. of the inserts

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

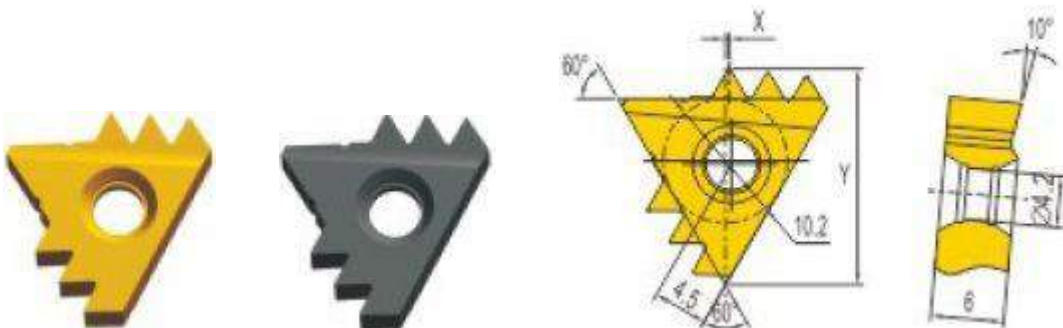
тел: 8(423) 2-72-64-51

EXTERNAL API LINE TYPE INSERTS



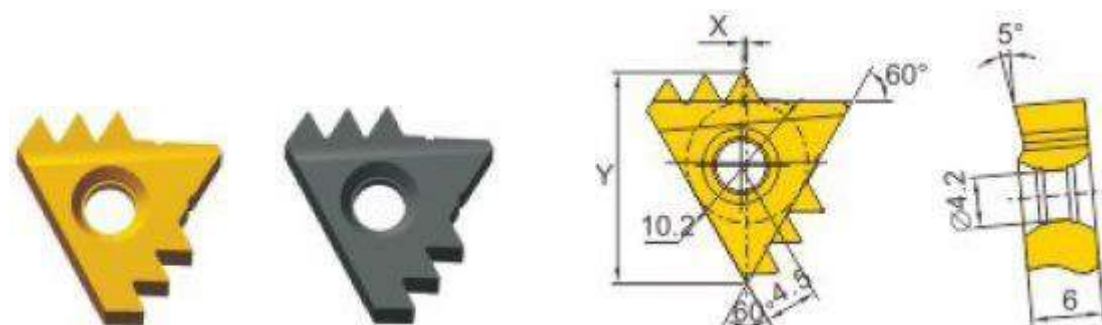
NO.	TPI	Thread Taper	X	Y
B17ER8G2-3	8	1:16	0.32	17.6

INTERNAL API LINE TYPE INSERTS



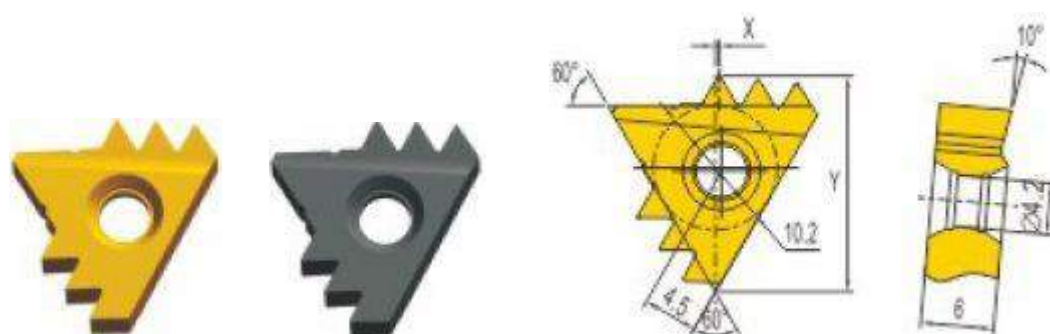
NO.	TPI	Thread Taper	X	Y
B17NR8G2-3	8	1:16	0.32	17.6

EXTERNAL API LINE TYPE INSERTS



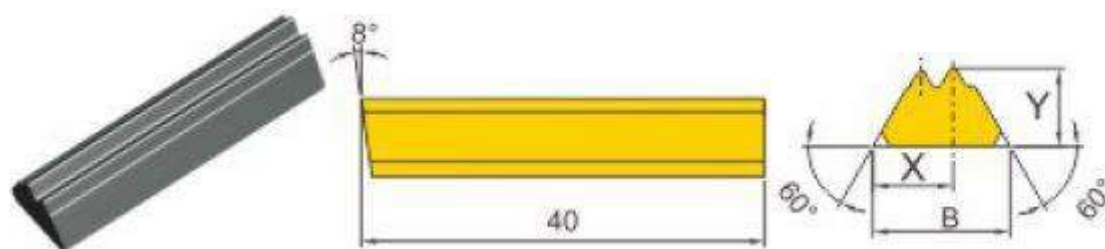
NO.	TPI	Thread Taper	X	Y
B17ER11.5G2-4	11.5	1:16	0.32	17.3

INTERNAL API LINE TYPE INSERTS



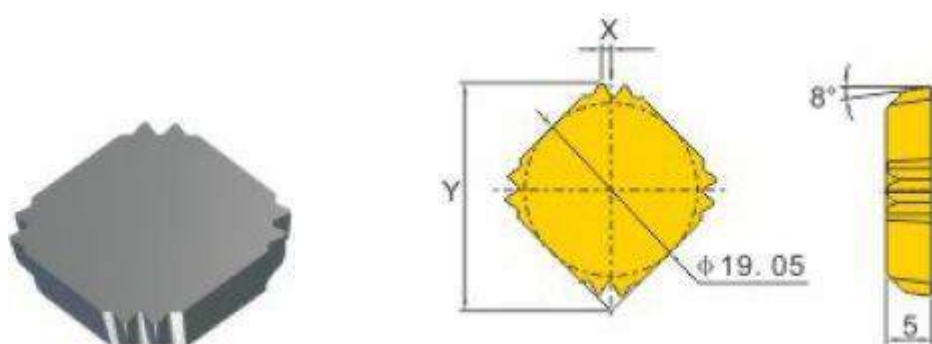
NO.	TPI	Thread Taper	X	Y
B17NR11.5G2-4	11.5	1:16	0.32	17.3

EXTERNAL API ROUND INSERTS



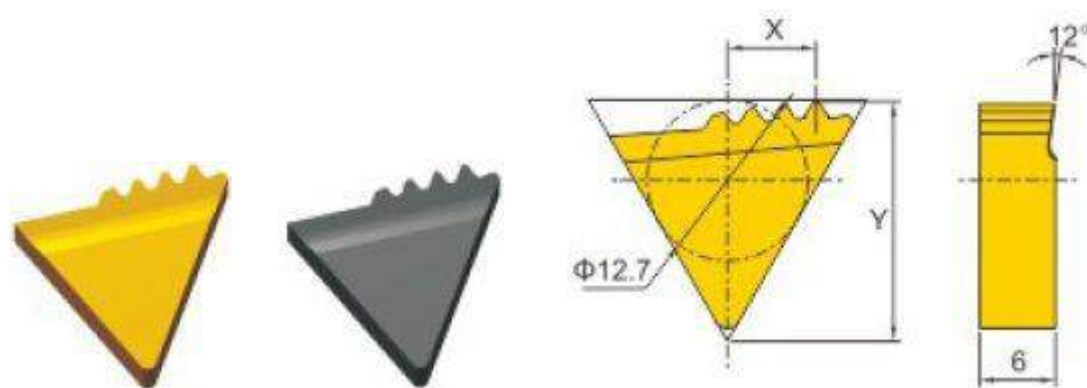
NO.	TPI	Thread Taper	B	X	Y
L40VER10RD1-2	10	1:16	12.8	9.82	7.76
L40VER8RD1-2	8	1:16	12.8	10.78	7.76

INTERNAL API ROUND INSERTS



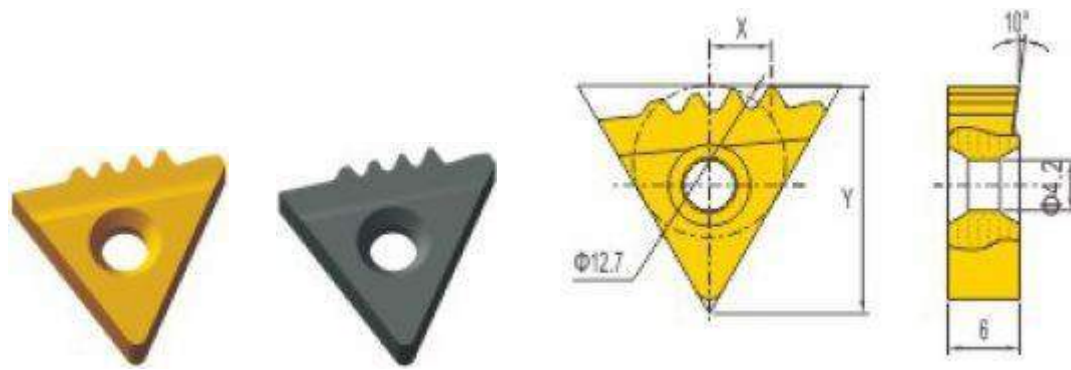
NO.	TPI	Thread Taper	X	Y
S19NR10RD4-2	10	1:16	1.06	25.20
S19NR8RD4-2	8	1:16	1.30	25.00

EXTERNAL API ROUND INSERTS



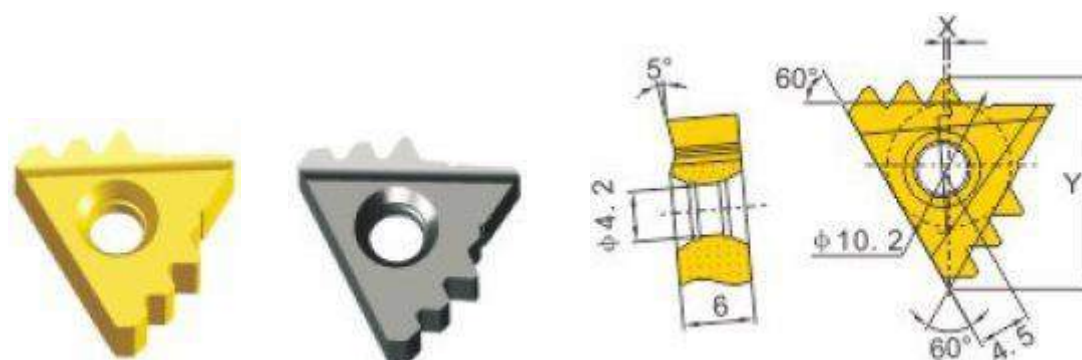
NO.	TPI	Thread Taper	X	Y
T22ER10RD1-4	10	1:16	7.0	18.9

EXTERNAL API ROUND INSERTS



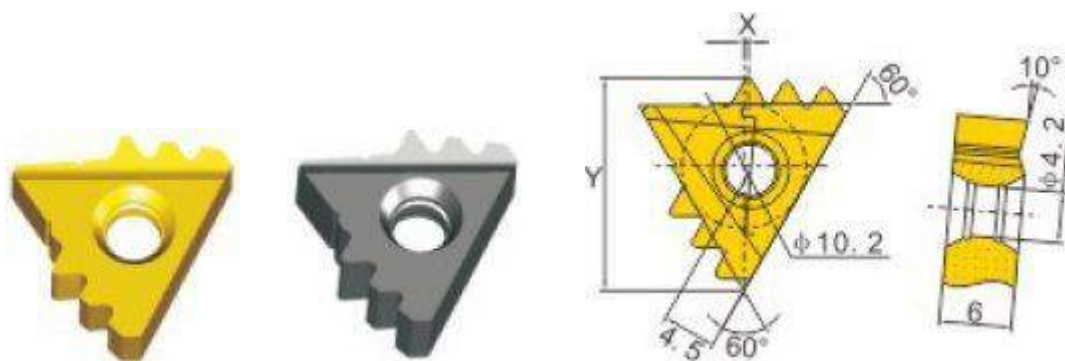
NO.	TPI	Thread Taper	X	Y
T22ER8RD1-4	8	1:16	5.2	18.9

EXTERNAL API ROUND INSERTS



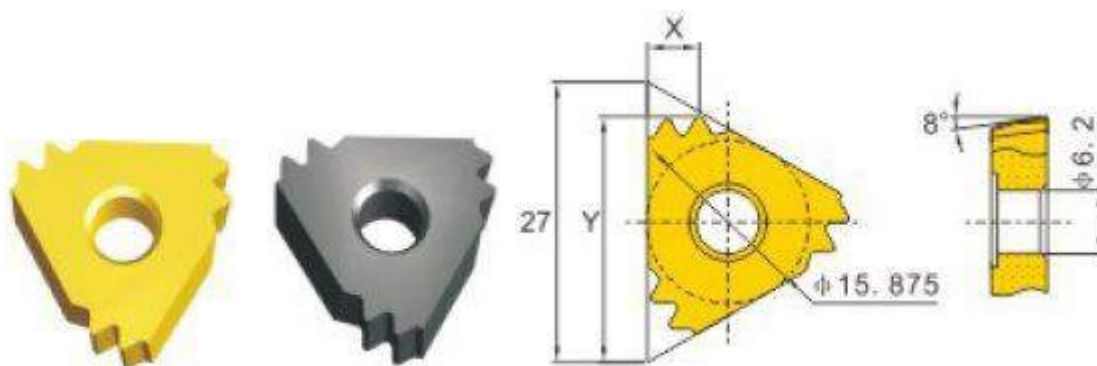
NO.	TPI	Thread Taper	X	Y
B17ER10RD2-4	10	1:16	0.18	17.10
B17ER8RD2-3	8	1:16	0.32	17.10

INTERNAL API ROUND INSERTS



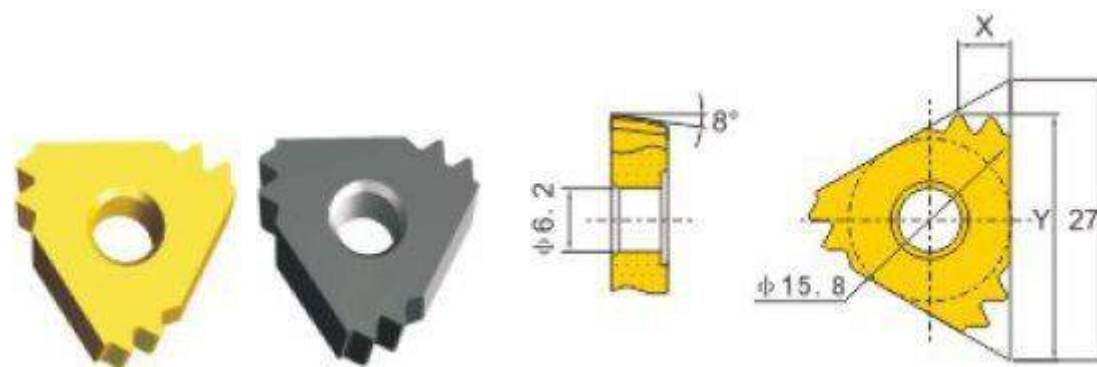
NO.	TPI	Thread Taper	X	Y
B17NR10RD2-4	10	1:16	0.18	17.10
B17NR8RD2-3	8	1:16	0.32	17.10
B23NR8RD2-5	8	1:16	3.50	21.90

EXTERNAL API ROUND INSERTS



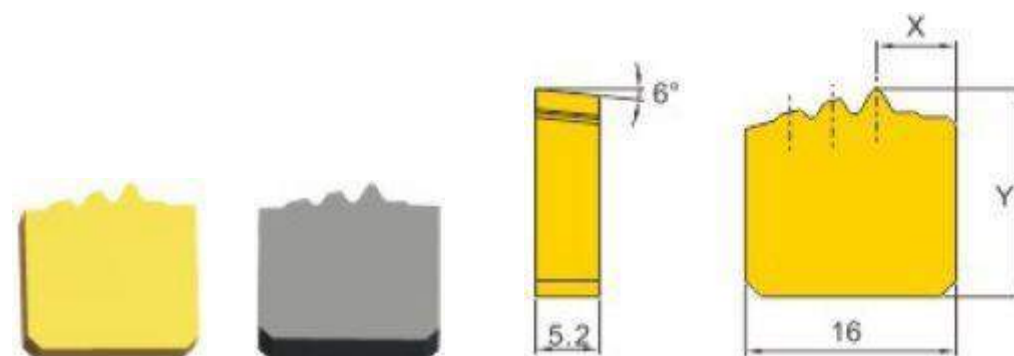
NO.	TPI	Thread Taper	X	Y
T27ER8RD3-2	8	1:16	5.00	24.30
T27ER10RD3-2	10	1:16	4.70	24.50

INTERNAL API ROUND INSERTS



NO.	TPI	Thread Taper	X	Y
T27NR8RD3-2	8	1:16	5.00	24.30
T27NR10RD3-2	10	1:16	4.70	24.50

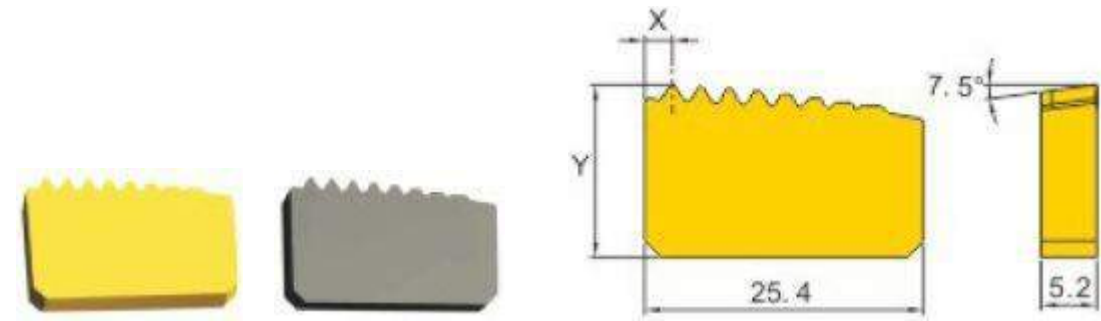
EXTERNAL API ROUND INSERTS FOR PMC MACHINE TOOLS(USA)



NO.	TPI	Thread Taper	X	Y
P16ER8RD1-31	8	1:16	7.73	14.70
P16ER8RD1-32	8	1:16	6.67	14.96
P16ER8RD1-33	8	1:16	5.61	15.04

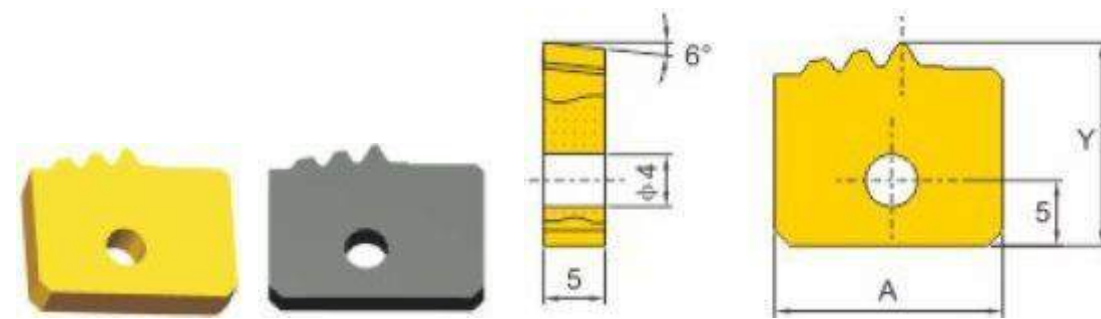
P16ER10RD1-31	10	1:16	7.30	14.27
P16ER10RD1-32	10	1:16	6.46	14.55
P16ER10RD1-33	10	1:16	5.61	14.65

INTERNAL API ROUND INSERTS FOR PMC MACHINE TOOLS(USA)



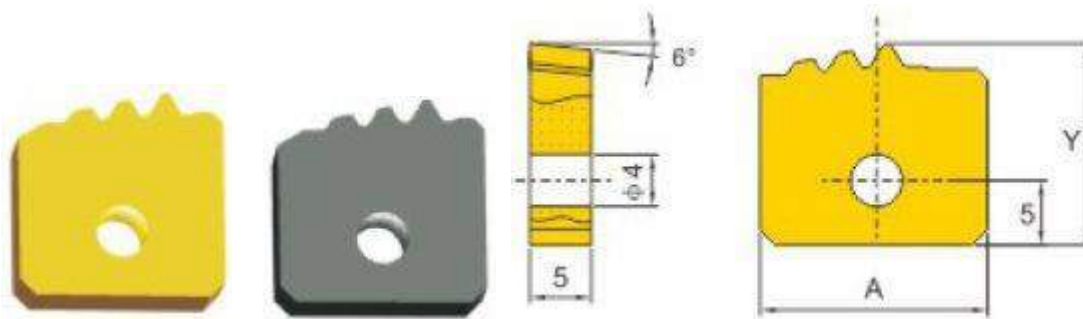
NO.	TPI	Thread Taper	X	Y
P25NR8RD1-7	8	1:16	3.70	15.70
P25NR10RD1-8	10	1:16	3.70	15.40

EXTERNAL API ROUND INSERTS FOR COLINET MACHINE TOOLS

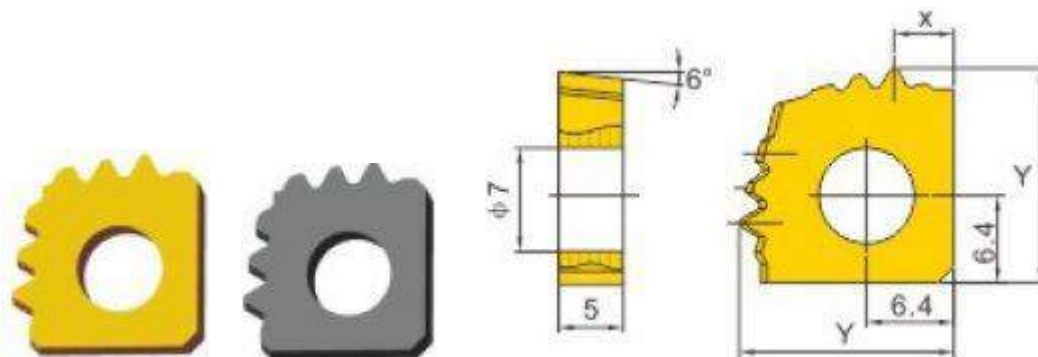


NO.	TPI	Thread Taper	A	X	Y
C20ER8RD1-31 (12)	8	1:16	20	10.20	15.63
C20ER8RD1-32 (12)	8	1:16	20	8.61	15.92
C16ER8RD1-31 (15)	8	1:16	16	6.00	15.40
C16ER8RD1-32 (15)	8	1:16	16	4.41	15.86

C16ER10RD1-31	10	1:16	16	5.67	15.16
C16ER10RD1-32	10	1:16	16	4.40	15.45

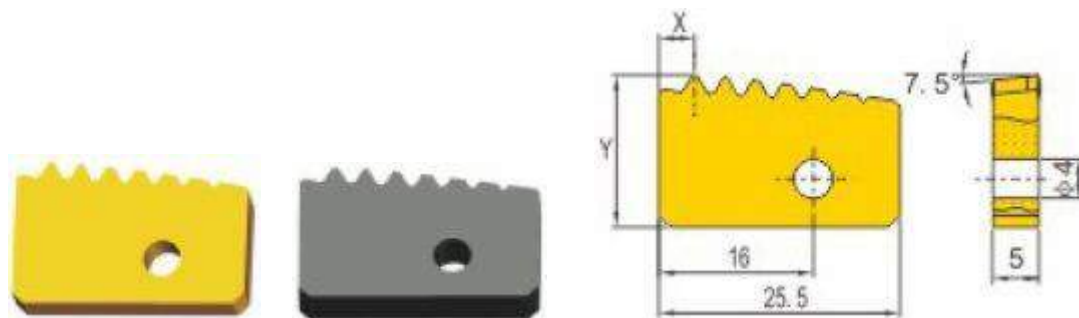
EXTERNAL API ROUND INSERTS FOR COLINET MACHINE TOOLS

NO.	TPI	Thread Taper	A	X	Y
C16ER8RD1-3	8	1:16	16	4.40	15.86

EXTERNAL API ROUND INSERTS FOR COLINET MACHINE TOOLS

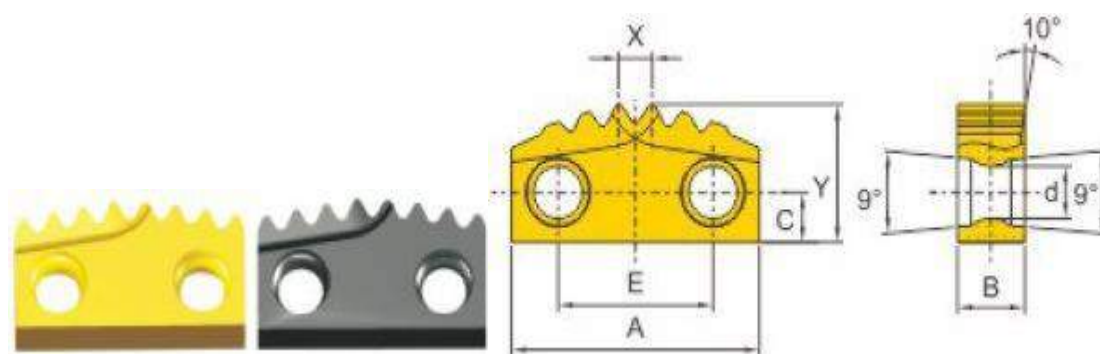
NO.	TPI	Thread Taper	X	Y
C16ER8RD2-3	8	1:16	4.40	15.74
C16ER10RD2-3	10	1:16	4.40	15.74

INTERNAL API ROUND INSERTS FOR COLINET MACHINE TOOLS



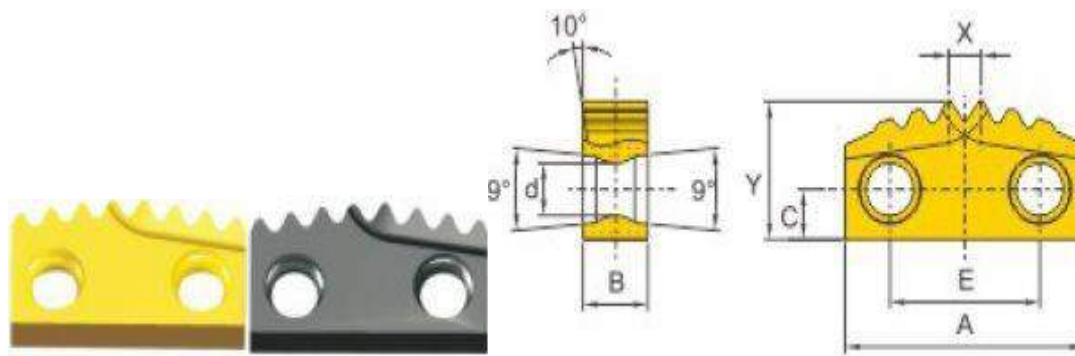
NO.	TPI	Thread Taper	X	Y
C25NR8RD1-7	8	1:16	3.70	17.10
C25NR10RD1-8	10	1:16	3.70	16.80

EXTERNAL API ROUND INSERTS



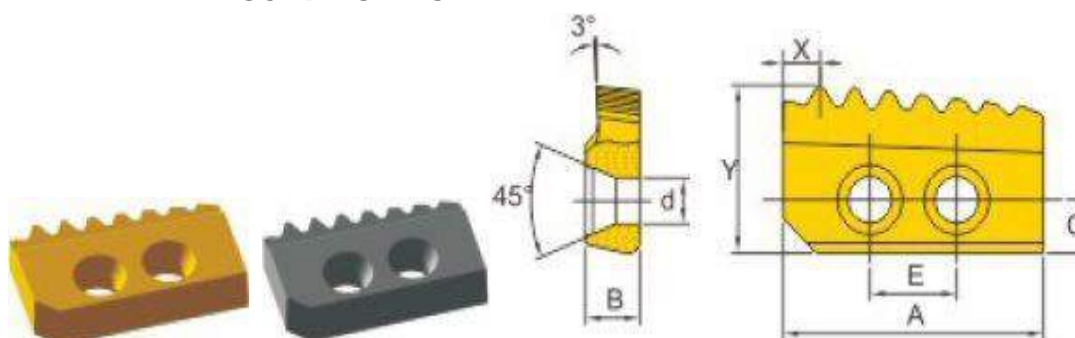
NO.	TPI	Thread Taper	A	B	C	D	E	X	Y
S24ER10RD2-3	10	1:16	24	6.5	4.5	4.7	15	3.6	12.4
S24ER8RD2-3	8	1:16	24	6.5	4.5	4.7	15	3.3	12.4

INTERNAL API ROUND INSERTS



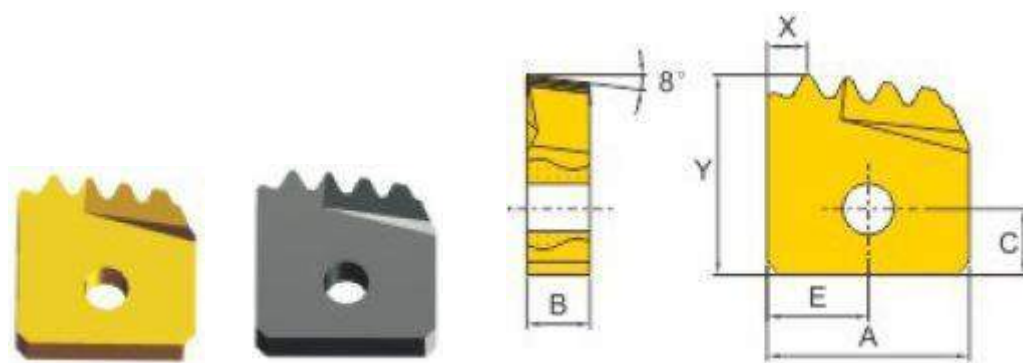
NO.	TPI	Thread Taper	A	B	C	D	E	X	Y
S24NR10RD2-3	10	1:16	24	6.5	4.5	4.7	15	3.6	12.4
S24NR8RD2-3	8	1:16	24	6.5	4.5	4.7	15	3.3	12.4

INTERNAL API ROUND INSERTS



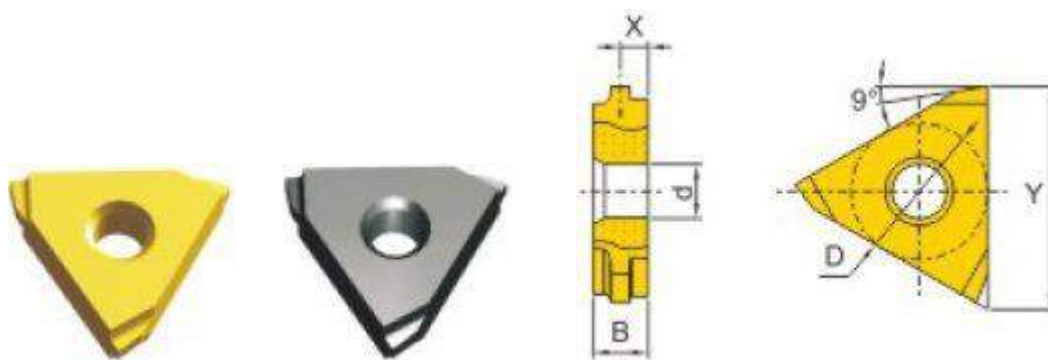
NO.	TPI	Thread Taper	A	B	C	D	E	X	Y
S24NR10RD1-7	10	1:16	24	5	4.6	4	8	7.4	14.48
S24NR8RD1-7	8	1:16	24	5	4.6	4	8	3.6	14.53

INTERNAL API ROUND INSERTS



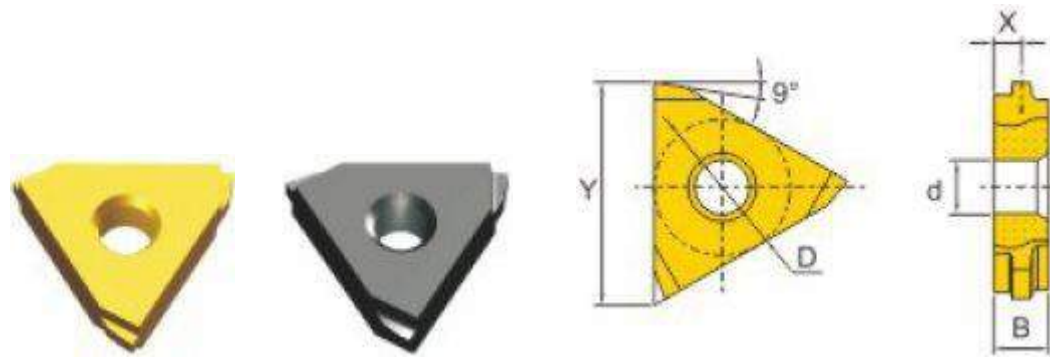
NO.	TPI	Thread Taper	A	B	C	D	E	X	Y
S16NR10RD1-4	10	1:16	16	5	5.2	4	8	3.2	15.8
S16NR8RD1-4	8	1:16	16	5	5.2	4	8	3.2	15.8

EXTERNAL API BUTTRESS INSERTS(V STYLE)



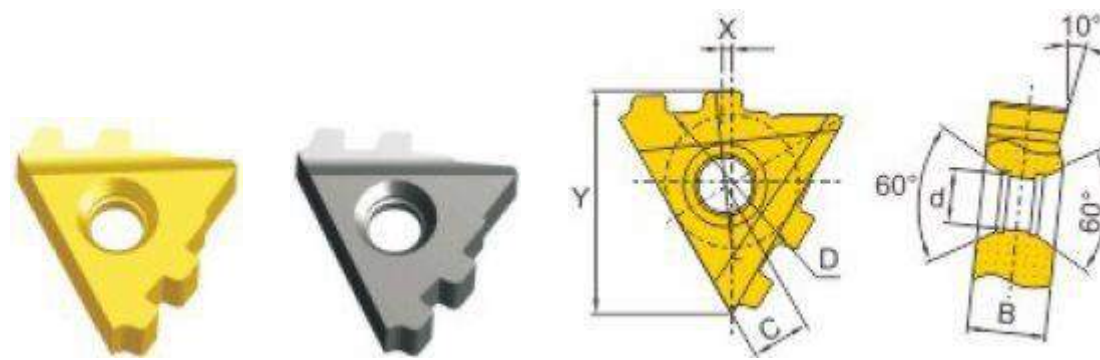
NO.	TPI	Thread Taper	D	d	B	X	Y
T28VER5BU3-1	5	1:16	16	6.2	6.5	3.60	26.20

INTERNAL API BUTTRESS INSERTS(V STYLE)



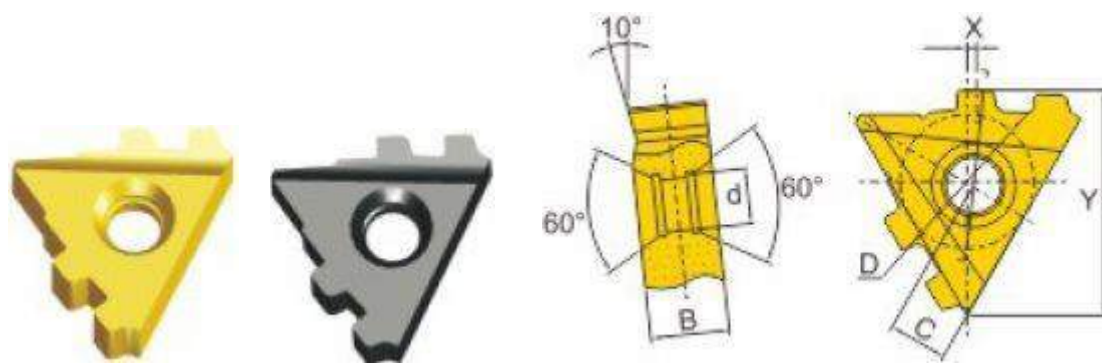
NO.	TPI	Thread Taper	D	d	B	X	Y
T28VNR5BU3-1	5	1:16	16	6.2	6.5	3.60	26.20

EXTERNAL API BUTTRESS INSERTS



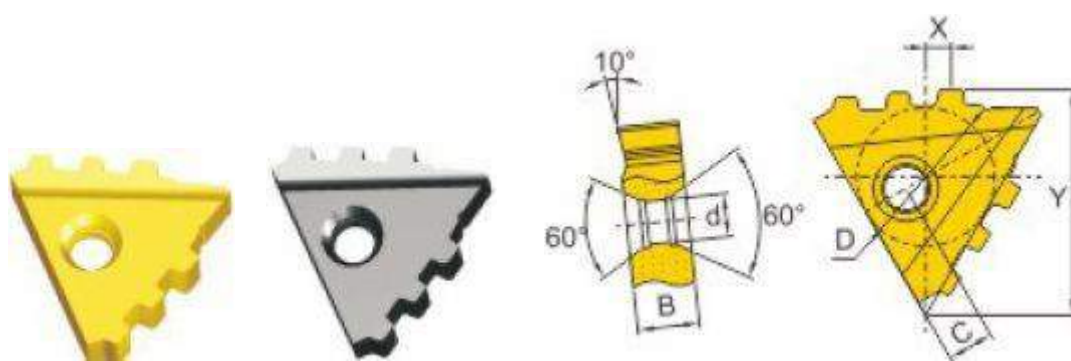
NO.	TPI	Thread Taper	D	d	C	B	X	Y
B17ER5BU2-2	5	1:16	10.2	4.2	4.5	6	2.05	16.80

INTERNAL API BUTTRESS INSERTS



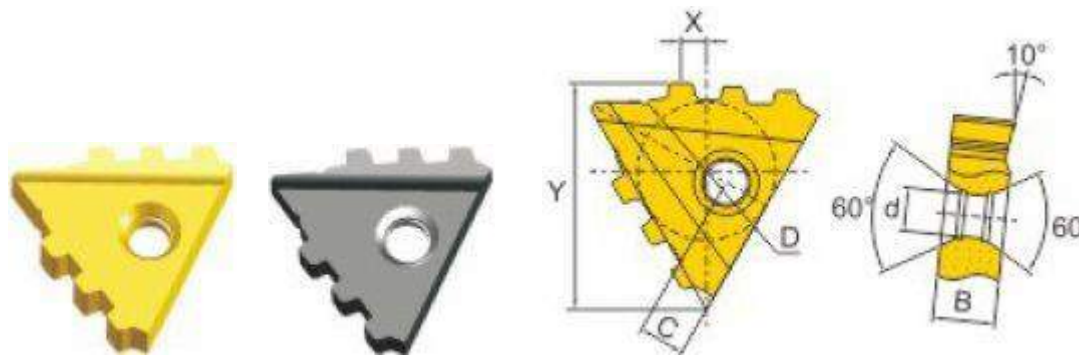
NO.	TPI	Thread Taper	D	d	C	B	X	Y
B17NR5BU2-2	5	1:16	10.2	4.2	4.5	6	1.14	16.65

EXTERNAL API BUTTRESS INSERTS



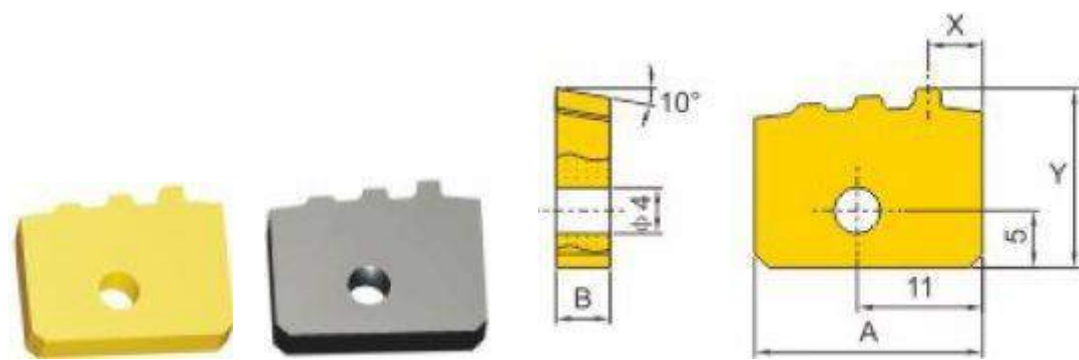
NO.	TPI	Thread Taper	D	d	C	B	X	Y
B23ER5BU2-3	5	1:16	13.4	4.2	4.5	6	2.46	21.90
B23ER5BU2-3(1:12)	5	1:12	13.4	4.2	4.5	6	2.46	21.90

INTERNAL API BUTTRESS INSERTS



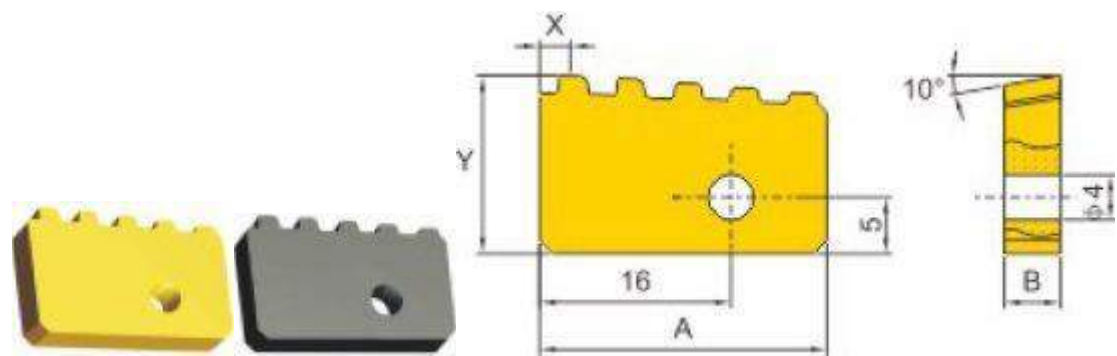
NO.	TPI	Thread Taper	D	d	C	B	X	Y
B23NR5BU2-3	5	1:16	13.4	4.2	4.5	6	2.46	21.90
B23NR5BU2-3(1:12)	5	1:12	13.4	4.2	4.5	6	2.46	21.90

EXTERNAL API BUTTERSS INSERTS FOR COLINET MACHINE TOOLS



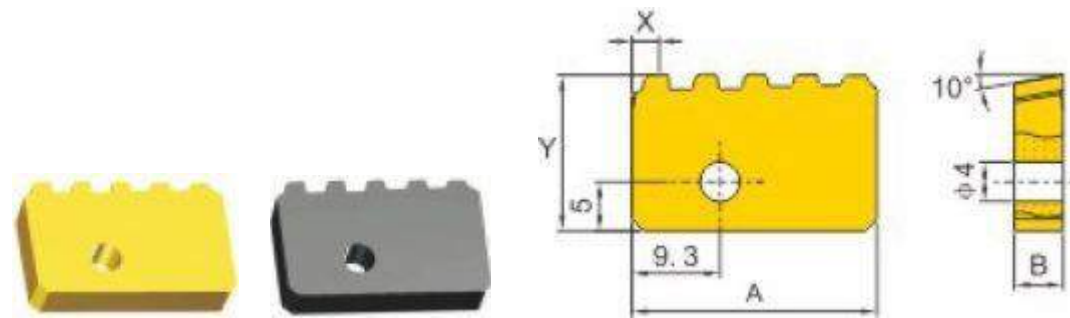
NO.	TPI	Thread Taper	A	B	X	Y
C20ER5BU1-31	5	1:16	20	5	4.84	15.67
C20ER5BU1-32	5	1:16	20	5	2.30	4.84

INTERNAL API BUTTERSS INSERTS FOR COLINET MACHINE TOOLS



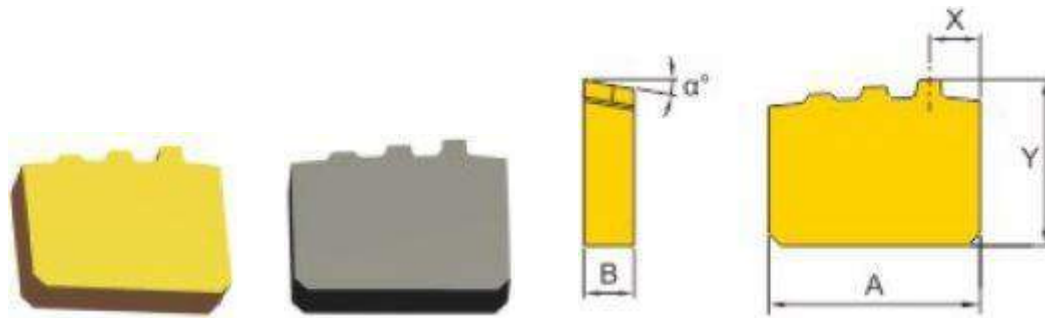
NO.	TPI	Thread Taper	A	B	X	Y
C20NR5BU1-5	5	1:16	25.5	5	3.00	15.60

INTERNAL INSERTS OF INVERS THREAD CUTTING FOR COLINET MACHINE TOOLS



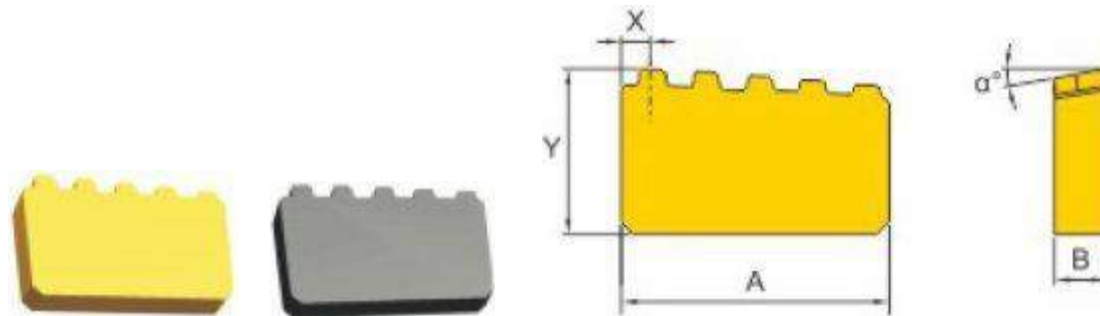
NO.	TPI	Thread Taper	A	B	X	Y
C25NR5BU1-5(B)	5	1:16	25.5	5	2.5	15.8

EXTERNAL API BUTTERSS INSERTS FOR PMC MACHINE TOOLS



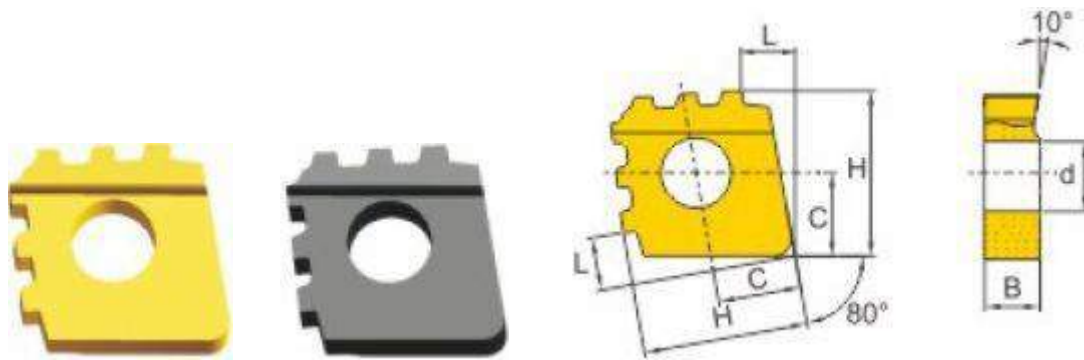
NO.	TPI	Thread Taper	A	B	X	Y
P16ER5BU1-31	5	1:16	16.9	5.2	4.29	14.60
P16ER5BU1-32	5	1:16	16.9	5.2	2.60	14.86
P16ER5BU1-33	5	1:16	16.9	5.2	0.91	15.00

INTERNAL API BUTTERSS INSERTS FOR PMC MACHINE TOOLS



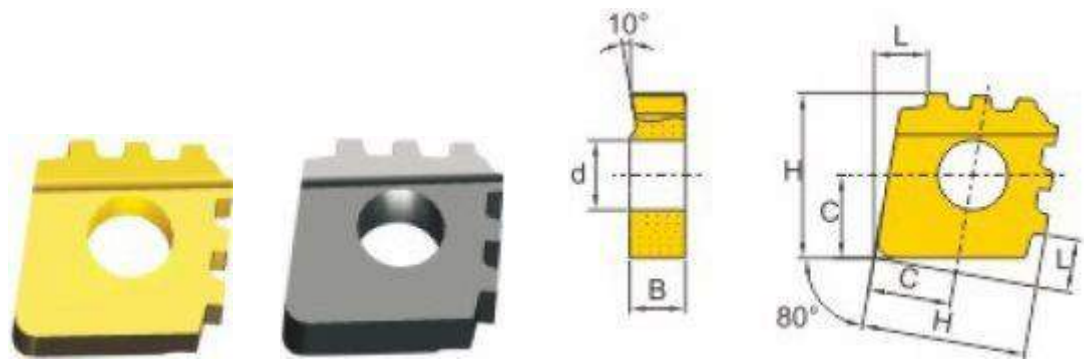
NO.	TPI	Thread Taper	A	B	X	Y
P25NR5BU1-5	5	1:16	25.4	5.2	4.29	14.60

EXTERNAL API BUTTRESS INSERTS 80°



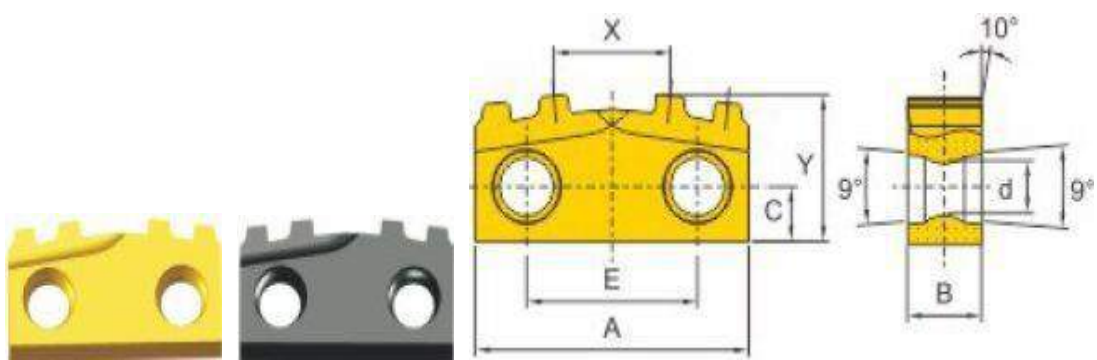
NO.	TPI	Thread Taper	B	C	d	H	L
R19ER5BU2-3	5	1:16	6.35	9.5	8	18.4	6.00

INTERNAL API BUTTRESS INSERTS 80°



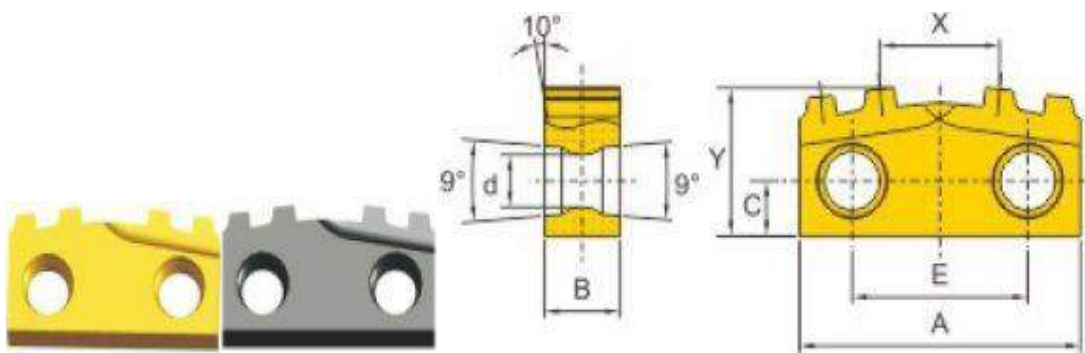
NO.	TPI	Thread Taper	B	C	d	H	L
R19NR5BU2-3	5	1:16	6.35	9.5	8	18.4	6.00

EXTERNAL API BUTTRESS INSERTS



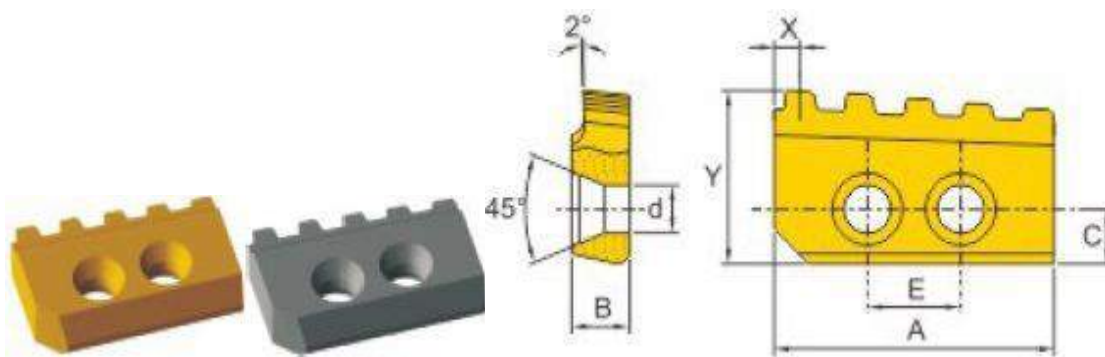
NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
S24ER5BU2-2	5	1:16	24	6.5	4.5	4.7	15	10.3	12

INTERNAL API BUTTRESS INSERTS



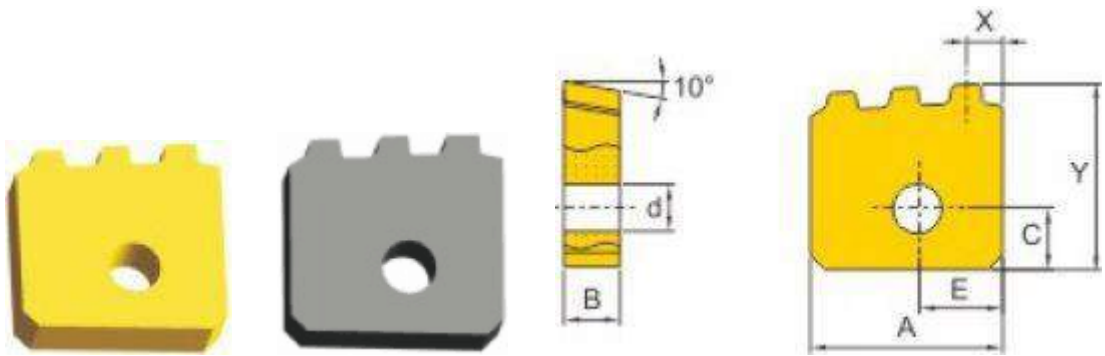
NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
S24NR5BU2-2	5	1:16	24	6.5	4.5	4.7	15	10.3	12

INTERNAL API BUTTRESS INSERTS



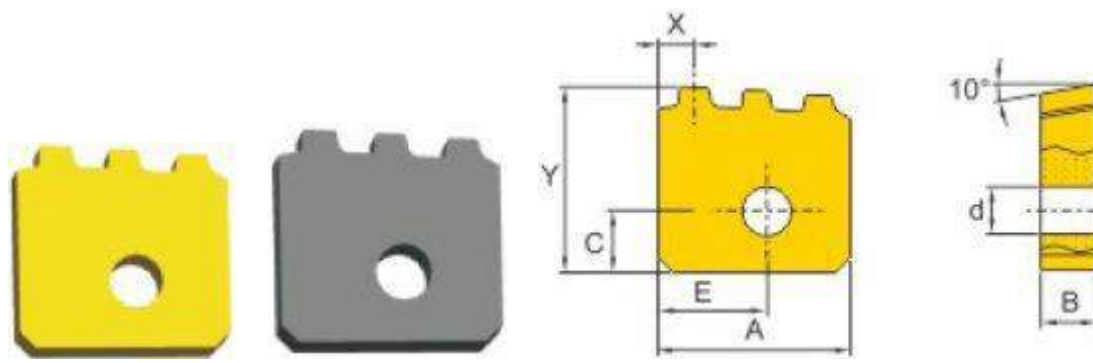
NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
S24NR5BU1-5	5	1:16	24	5	4.6	4	8	2.26	14.54

EXTERNAL API BUTTRESS INSERTS



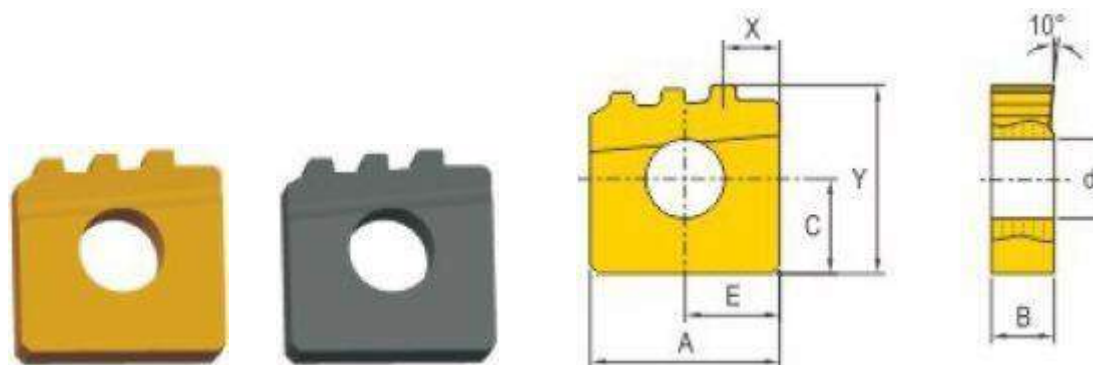
NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
S16ER5BU1-3	5	1:16	15.8	4.76	5	4	7	3	15.2

INTERNAL API BUTTRESS INSERTS



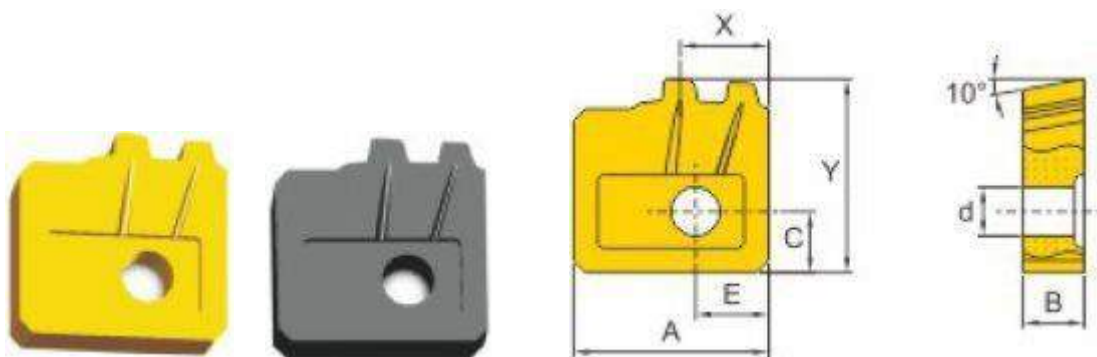
NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
S16NR5BU1-3	5	1:16	15.8	4.76	5	4	7	2.5	15.8

EXTERNAL API BUTTRESS INSERTS



NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
C19ER5BU1-3 (1:12)	5	1:12	19	6.35	9.5	7.93	9.5	5.7	18.92

INTERNAL API BUTTRESS INSERTS



NO.	TPI	Thread Taper	A	B	C	d	E	X	Y
S16ER5BU1-2	5	1:16	15.8	5	5	4	7	3	15.2

THREADING INSERTS FOR OIL DRILL RODS & CONECTERS ORDERING CODE SYSTRM

22	E	R	V38R	-	04	-	02	C
1	2	3	4		5		6	7

1 INSERTS SIZE

29-IC=17mm 27-IC=15.875mm 22-IC=12.7mm

2 TYPE OF INSERTS

E-EXTERNAL N-INTERNAL

3- R/L STANDARD

R-RIGHT HAND L-LEFT HAND

4 THREAD STANDARD

V38R-V0.038R V40-V0.040 V50-V0.050 V55-V0.055 V65-V0.065

5 PITCH

4-4 TPI 5-5 TPI 6-6 TPI

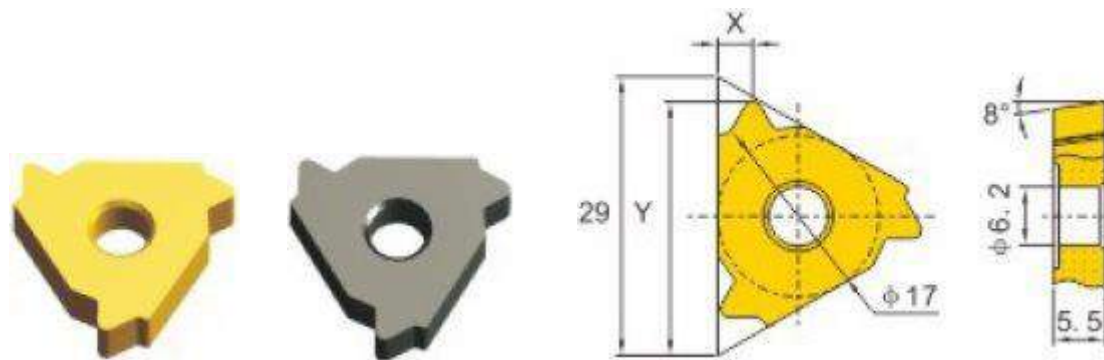
6- THREAD TAPER

01-1:8 02-1:6 03-1:4

7- INSERTS STYLE

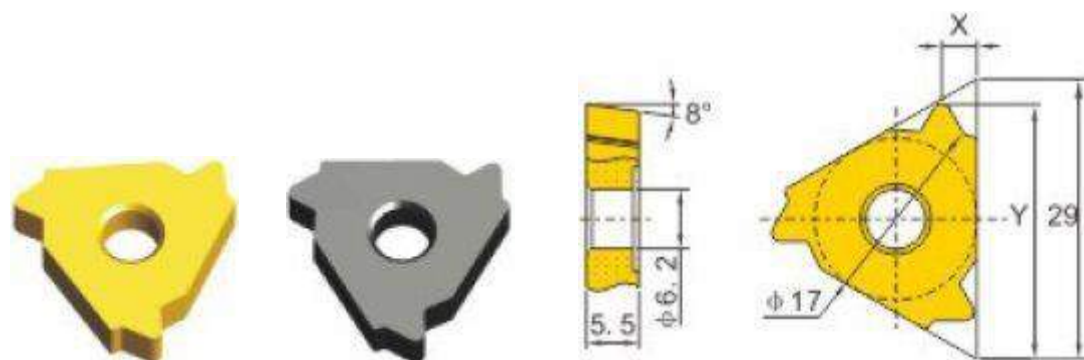
A\B\C\D

A STYLE EXTERNAL INSERTS



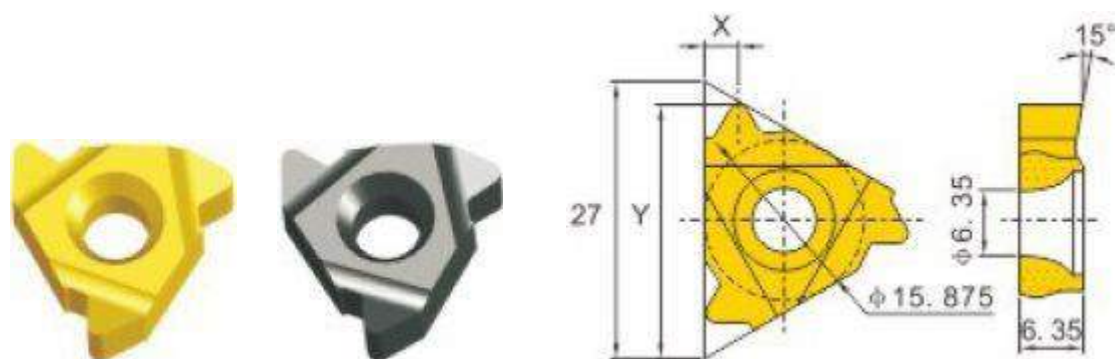
NO.	Thread standard	TPI	Thread Taper	X	Y
29ERV38R-0402A	V-0.038R	4	1:6	3.80	26.60
29ERV38R-0403A	V-0.038R	4	1:4	3.80	26.60
29ERV40-0503A	V-0.040	5	1:4	3.10	26.80
29ERV50-0403A	V-0.050	4	1:4	3.80	26.95
29ERV50-0402A	V-0.050	4	1:6	3.80	26.95
29ERV55-0601A	V-0.055	6	1:8	3.70	26.50
29ERV65-0402A	V-0.065	4	1:6	3.80	26.30

A STYLE INTERNAL INSERTS

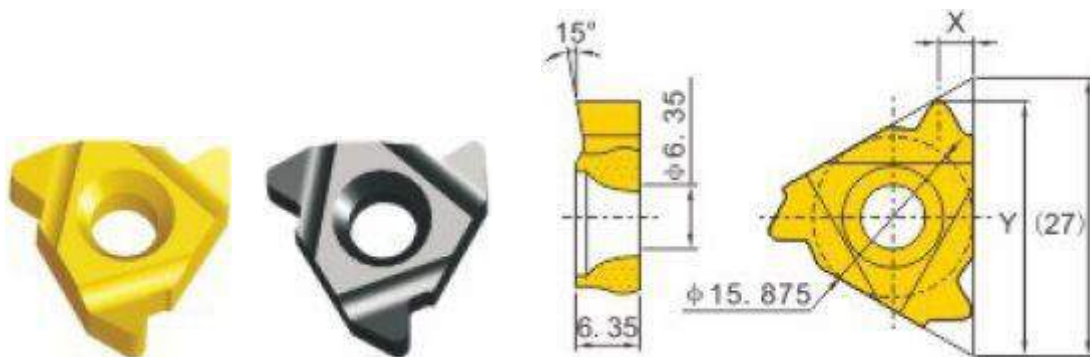


NO.	Thread standard	TPI	Thread Taper	X	Y
29NRV38R-0402A	V-0.038R	4	1:6	3.80	26.60
29NRV38R-0403A	V-0.038R	4	1:4	3.80	26.60
29NRV40-0503A	V-0.040	5	1:4	3.10	26.80
29NRV50-0403A	V-0.050	4	1:4	3.80	26.95
29NRV50-0402A	V-0.050	4	1:6	3.80	26.95
29NRV55-0601A	V-0.055	6	1:8	3.70	26.50
29NRV65-0402A	V-0.065	4	1:6	3.80	26.30

B STYLE EXTERNAL INSERTS

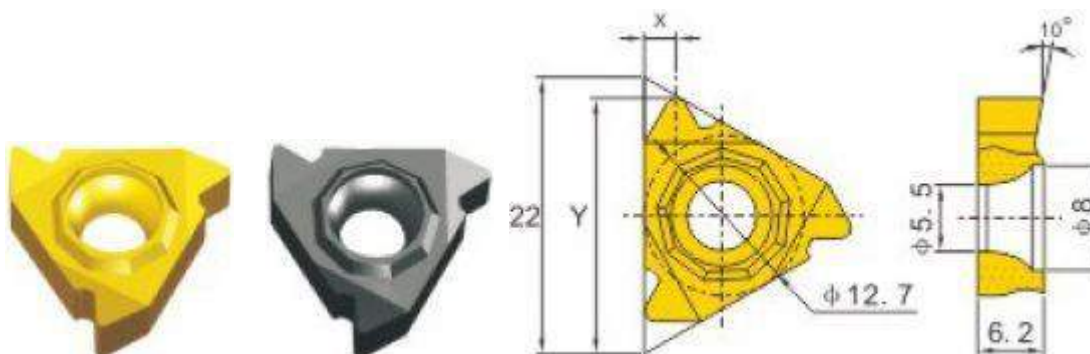


NO.	Thread standard	TPI	Thread Taper	X	Y
27ERV38R-0402B	V-0.038R	4	1:6	2.80	25.15
27ERV38R-0403B	V-0.038R	4	1:4	2.80	25.15
27ERV40-0503B	V-0.040	5	1:4	2.80	25.35
27ERV50-0403B	V-0.050	4	1:4	3.00	25.50
27ERV50-0402B	V-0.050	4	1:6	3.00	25.50
27ERV55-0601B	V-0.055	6	1:8	2.80	25.00
27ERV65-0402B	V-0.065	4	1:6	3.00	24.80

B STYLE INTERNAL INSERTS

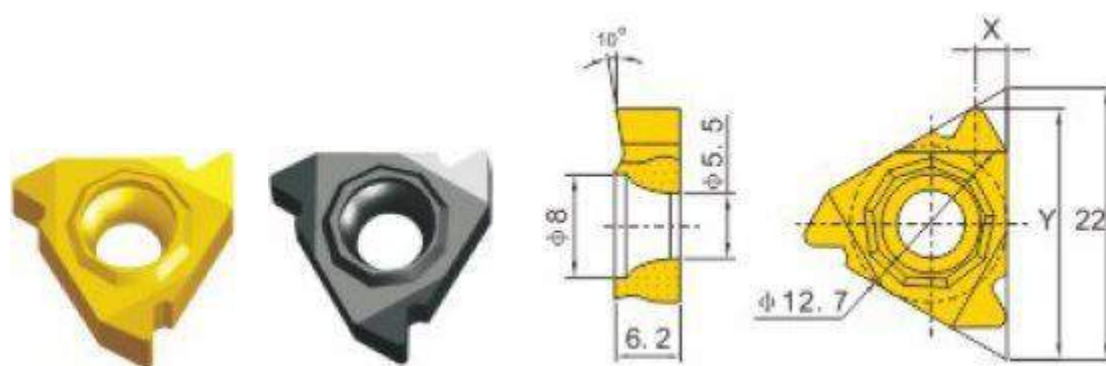
NO.	Thread standard	TPI	Thread Taper	X	Y
27NRV38R-0402B	V-0.038R	4	1:6	2.80	25.15
27NRV38R-0403B	V-0.038R	4	1:4	2.80	25.15
27NRV40-0503B	V-0.040	5	1:4	2.80	25.35
27NRV50-0403B	V-0.050	4	1:4	3.00	25.50
27NRV50-0402B	V-0.050	4	1:6	3.00	25.50
27NRV55-0601B	V-0.055	6	1:8	2.80	25.00
27NRV65-0402B	V-0.065	4	1:6	3.00	24.80

Can be fixed in the toolholders of VARDEX

C STYLE EXTERNAL INSERTS

NO.	Thread standard	TPI	Thread Taper	X	Y
22ERV38R-0402C	V-0.038R	4	1:6	2.60	20.30
22ERV38R-0403C	V-0.038R	4	1:4	2.70	20.30
22ERV40-0503C	V-0.040	5	1:4	2.60	20.60
22ERV50-0403C	V-0.050	4	1:4	2.80	20.80
22ERV50-0402C	V-0.050	4	1:6	2.80	20.80
22ERV55-0601C	V-0.055	6	1:8	2.00	19.30
22ERV65-0402C	V-0.065	4	1:6	2.65	19.80

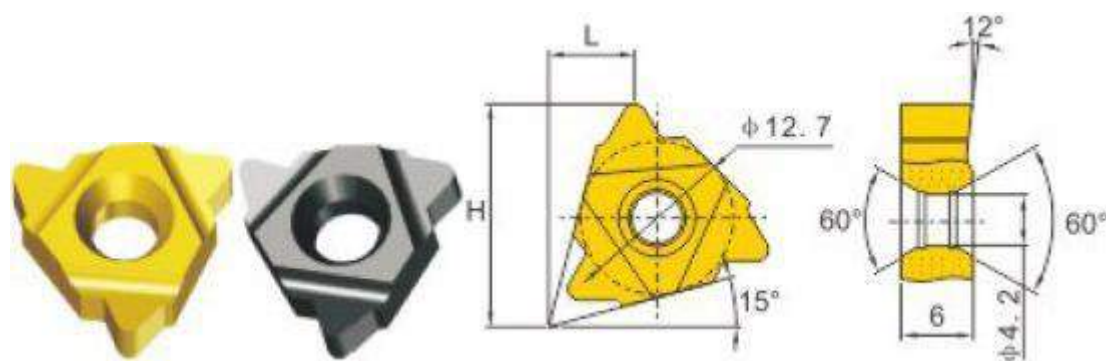
C STYLE INTERNAL INSERTS



NO.	Thread standard	TPI	Thread Taper	X	Y
22NRV38R-0402C	V-0.038R	4	1:6	2.60	20.30
22NRV38R-0403C	V-0.038R	4	1:4	2.70	20.30
22NRV40-0503C	V-0.040	5	1:4	2.60	20.60
22NRV50-0403C	V-0.050	4	1:4	2.80	20.80
22NRV50-0402C	V-0.050	4	1:6	2.80	20.80
22NRV55-0601C	V-0.055	6	1:8	2.00	19.30
22NRV65-0402C	V-0.065	4	1:6	2.65	19.80

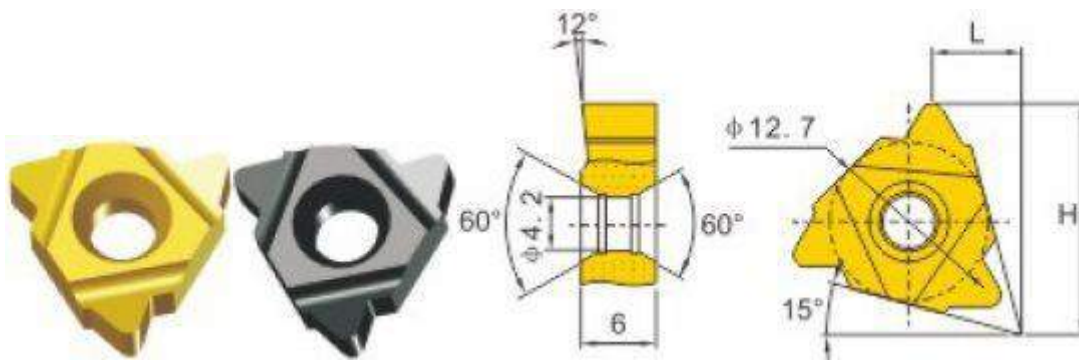
Can be fixed in the toolholders of SANDVIK COROMAT

D STYLE EXTERNAL INSERTS



NO.	Thread standard	TPI	Thread Taper	X	Y
22ERV38R-0402D	V-0.038R	4	1:6	18.43	7.13
22ERV38R-0403D	V-0.038R	4	1:4	18.43	7.13
22ERV40-0503D	V-0.040	5	1:4	18.43	7.13
22ERV50-0403D	V-0.050	4	1:4	18.75	7.28
22ERV50-0402D	V-0.050	4	1:6	18.75	7.28
22ERV55-0601D	V-0.055	6	1:8	17.75	6.86
22ERV65-0402D	V-0.065	4	1:6	18.00	6.85

D STYLE INTERNAL INSERTS



N0.	Thread standard	TPI	Thread Taper	X	Y
22NRV38R-0402D	V-0.038R	4	1:6	18.43	7.13
22NRV38R-0403D	V-0.038R	4	1:4	18.43	7.13
22NRV40-0503D	V-0.040	5	1:4	18.43	7.13
22NRV50-0403D	V-0.050	4	1:4	18.75	7.28
22NRV50-0402D	V-0.050	4	1:6	18.75	7.28
22NRV55-0601D	V-0.055	6	1:8	17.75	6.86
22NRV65-0402D	V-0.065	4	1:6	18.00	6.85