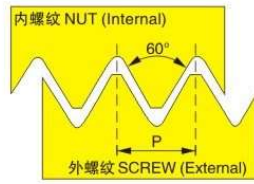
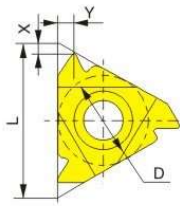


1-1. 一般机械用 AG partial profile

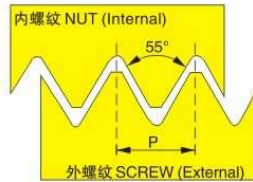
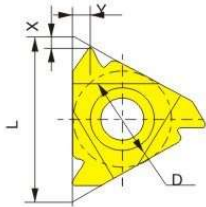
1-1.1 60° 通用型螺纹刀片(60° Universal Threading Insert)



	D	加工螺距范围 Range of processed pitch		刀片型号Designation		刀片尺寸Dimension		
		mm	TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	0.5~1.5	48~16	11ER A60	11EL A60	11	0.8	0.9
	3/8"	0.5~1.5	48~16	16ER A60	16EL A60	16	0.8	0.9
		0.5~3.0	48~8	16ER AG60	16EL AG60		1.2	1.7
	1.75~3.0	14~8	16ER G60	16EL G60	1.2	1.7		
1/2"	3.5~5.0	7~5	22ER N60	22EL N60	22	1.7	2.5	
内螺纹 Internal	5/8"	5.5~6.0	4.5~4	27ER Q60	27EL Q60	27	2.1	3.1
	1/4"	0.5~1.5	48~16	11IR A60	11IL A60	11	0.8	0.9
	3/8"	0.5~1.5	48~16	16IR A60	16IL A60	16	0.8	0.9
		0.5~3.0	48~8	16IR AG60	16IL AG60		1.2	1.7
1.75~3.0	14~8	16IR G60	16IL G60	1.2	1.7			
1/2"	3.5~5.0	7~5	22IR N60	22IL N60	22	1.7	2.5	
5/8"	5.5~6.0	4.5~4	27IR Q60	27IL Q60	27	1.8	2.7	

● 订货举例: 16IR AG 60 100片
 ● Order example: 16IR AG 60 100PCS

1-1.2 55° 通用型螺纹刀片 55° Universal Threading Insert

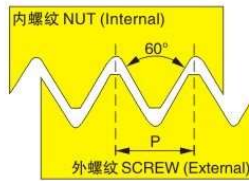
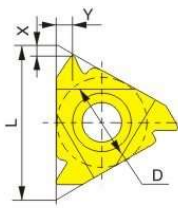


	D	加工螺距范围Pitch		刀片型号Designation		刀片尺寸Dimension		
		mm	TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	0.5~1.5	48~16	11ER A55	11EL A55	11	0.8	0.9
	3/8"	0.5~1.5	48~16	16ER A55	16EL A55	16	0.8	0.9
		0.5~3.0	48~8	16ER AG55	16EL AG55		1.2	1.7
	1.75~3.0	14~8	16ER G55	16EL G55	1.2	1.7		
内螺纹 Internal	1/2"	3.5~5.0	7~5	22ER N55	22EL N55	22	1.7	2.5
	5/8"	5.5~6.0	4.5~4	27ER Q55	27EL Q55	27	2.0	2.9
	1/4"	0.5~1.5	48~16	11IR A55	11IL A55	11	0.8	0.9
	3/8"	0.5~1.5	48~16	16IR A55	16IL A55	16	0.8	0.9
0.5~3.0		48~8	16IR AG55	16IL AG55	1.2		1.7	
1.75~3.0	14~8	16IR G55	16IL G55	1.2	1.7			
1/2"	3.5~5.0	7~5	22IR N55	22IL N55	22	1.7	2.5	
5/8"	5.5~6.0	4.5~4	27IR Q55	27IL Q55	27	2.0	2.9	

● 订货举例: 16 ER AG 55 100片
 ● Order example: 16 ER AG 55 100PCS

1-1. 一般机械用 AG partial profile

1-1.1 60° 通用型压制螺纹刀片(60° Universal Pressed Threading Insert)

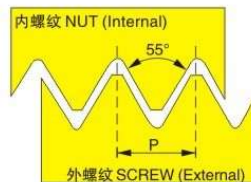
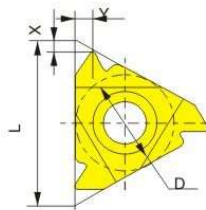


	D	加工螺距范围Pitch		刀片型号Designation		刀片尺寸Dimension		
		mm	TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	3/8"	0.5~1.5	48~16	16ER A60	16EL A60	16	0.8	0.9
		0.5~3.0	48~8	16ER AG60	16EL AG60		1.2	1.7
		1.75~3.0	14~8	16ER G60	16EL G60		1.2	1.7
内螺纹 Internal	3/8"	0.5~1.5	48~16	16IR A60	16IL A60	16	0.8	0.9
		0.5~3.0	48~8	16IR AG60	16IL AG60		1.2	1.7
		1.75~3.0	14~8	16IR G60	16IL G60		1.2	1.7

● 订货举例: 16IR AG 60 100片

● Order example: 16IR AG 60 100PCS

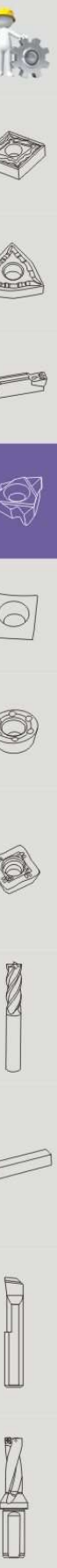
1-1.2 55° 通用型压制螺纹刀片 55° Universal Pressed Threading Insert



	D	加工螺距范围Pitch		刀片型号Designation		刀片尺寸Dimension		
		mm	TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	3/8"	0.5~1.5	48~16	16ER A55	16EL A55	16	0.8	0.9
		0.5~3.0	48~8	16ER AG55	16EL AG55		1.2	1.7
		1.75~3.0	14~8	16ER G55	16EL G55		1.2	1.7
内螺纹 Internal	3/8"	0.5~1.5	48~16	16IR A55	16IL A55	16	0.8	0.9
		0.5~3.0	48~8	16IR AG55	16IL AG55		1.2	1.7
		1.75~3.0	14~8	16IR G55	16IL G55		1.2	1.7

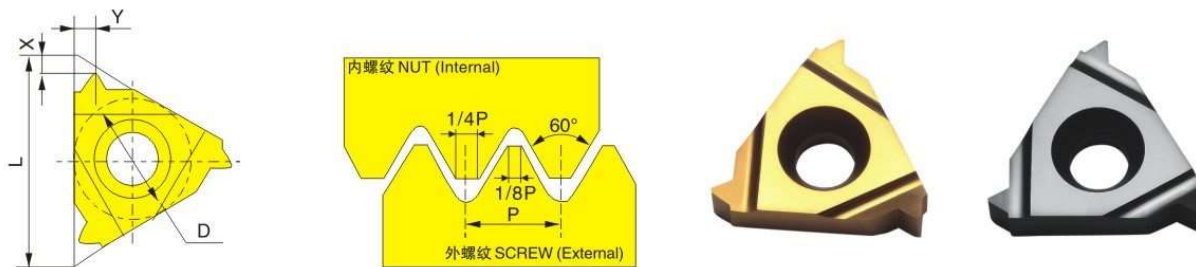
● 订货举例: 16 ER AG 55 100片

● Order example: 16 ER AG 55 100PCS



1-1.3 ISO标准型螺纹刀片

(ISO Standard Threading Insert)

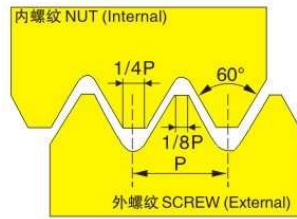
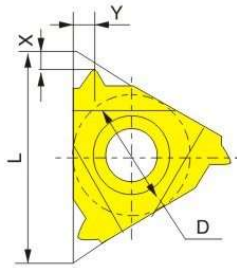


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		mm	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	0.50	11ER0.50 ISO	11EL0.50 ISO	11	0.6	0.6
		0.75	11ER0.75 ISO	11EL0.75 ISO		0.6	0.6
		1.00	11ER1.00 ISO	11EL1.00 ISO		0.7	0.7
		1.25	11ER1.25 ISO	11EL1.25 ISO		0.8	0.9
		1.50	11ER1.50 ISO	11EL1.50 ISO		0.8	1.0
		1.75	11ER1.75 ISO	11EL1.75 ISO		0.8	1.1
	3/8"	0.50	16ER0.50 ISO	16EL0.50 ISO	16	0.6	0.6
		0.75	16ER0.75 ISO	16EL0.75 ISO		0.6	0.7
		1.00	16ER1.00 ISO	16EL1.00 ISO		0.7	0.8
		1.25	16ER1.25 ISO	16EL1.25 ISO		0.8	0.9
		1.50	16ER1.50 ISO	16EL1.50 ISO		0.8	1.0
		1.75	16ER1.75 ISO	16EL1.75 ISO		0.9	1.2
		2.00	16ER2.00 ISO	16EL2.00 ISO		1.0	1.3
		2.50	16ER2.50 ISO	16EL2.50 ISO		1.1	1.5
	1/2"	3.50	22ER3.50 ISO	22EL3.50 ISO	22	1.6	2.3
		4.00	22ER4.00 ISO	22EL4.00 ISO		1.6	2.3
		4.50	22ER4.50 ISO	22EL4.50 ISO		1.7	2.4
		5.00	22ER5.00 ISO	22EL5.00 ISO		1.7	2.5
	5/8"	5.50	27ER5.50 ISO	27EL5.50 ISO	27	1.9	2.7
		6.00	27ER6.00 ISO	27EL6.00 ISO		2.0	2.9

● 订货举例: 16 ER 1.25ISO 100片
 ● Order example: 16 ER 1.25ISO 100PCS

1-1.3 ISO标准型螺纹刀片

(ISO Standard Threading Insert)



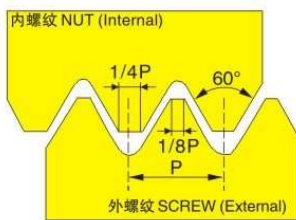
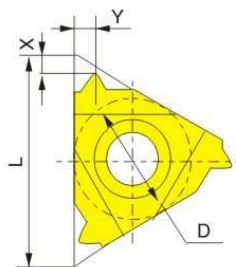
	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		mm	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
内螺纹 Internal	1/4"	0.50	11IR0.50 ISO	11IL0.50 ISO	11	0.6	0.6
		0.75	11IR0.75 ISO	11IL0.75 ISO		0.6	0.6
		1.00	11IR1.00 ISO	11IL1.00 ISO		0.6	0.7
		1.25	11IR1.25 ISO	11IL1.25 ISO		0.8	0.9
		1.50	11IR1.50 ISO	11IL1.50 ISO		0.8	1.0
		1.75	11IR1.75 ISO	11IL1.75 ISO		0.9	1.1
		2.00	11IR2.00 ISO	11IL2.00 ISO		1.0	1.3
	3/8"	0.50	16IR0.50 ISO	16IL0.50 ISO	16	0.6	0.6
		0.75	16IR0.75 ISO	16IL0.75 ISO		0.6	0.6
		1.00	16IR1.00 ISO	16IL1.00 ISO		0.6	0.7
		1.25	16IR1.25 ISO	16IL1.25 ISO		0.8	0.9
		1.50	16IR1.50 ISO	16IL1.50 ISO		0.8	1.0
		1.75	16IR1.75 ISO	16IL1.75 ISO		0.9	1.2
		2.00	16IR2.00 ISO	16IL2.00 ISO		1.0	1.3
	1/2"	2.50	16IR2.50 ISO	16IL2.50 ISO	22	1.1	1.5
		3.00	16IR3.00 ISO	16IL3.00 ISO		1.1	1.5
		3.50	22IR3.50 ISO	22IL3.50 ISO		1.6	2.3
		4.00	22IR4.00 ISO	22IL4.00 ISO		1.6	2.3
	5/8"	4.50	22IR4.50 ISO	22IL4.50 ISO	27	1.6	2.4
		5.00	22IR5.00 ISO	22IL5.00 ISO		1.6	2.5
		5.50	27IR5.50 ISO	27IL5.50 ISO		1.9	2.7
		6.00	27IR6.00 ISO	27IL6.00 ISO		2.0	2.9

● 订货举例: 16 IR 1.25ISO 100片
 ● Order example: 16 IR 1.25ISO 100PCS



1-1.3 ISO标准型压制螺纹刀片

(ISO Standard Pressed Threading Insert)



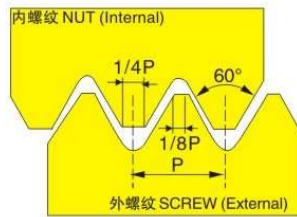
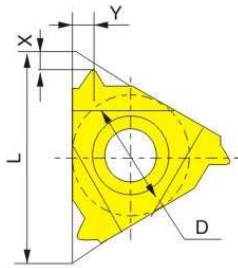
	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		mm	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	3/8"	0.50	16ER0.50 ISO	16EL0.50 ISO	16	0.6	0.6
		0.75	16ER0.75 ISO	16EL0.75 ISO		0.6	0.7
		1.00	16ER1.00 ISO	16EL1.00 ISO		0.7	0.8
		1.25	16ER1.25 ISO	16EL1.25 ISO		0.8	0.9
		1.50	16ER1.50 ISO	16EL1.50 ISO		0.8	1.0
		1.75	16ER1.75 ISO	16EL1.75 ISO		0.9	1.2
		2.00	16ER2.00 ISO	16EL2.00 ISO		1.0	1.3
		2.50	16ER2.50 ISO	16EL2.50 ISO		1.1	1.5
		3.00	16ER3.00 ISO	16EL3.00 ISO		1.2	1.6
内螺纹 Internal	3/8"	0.50	16IR0.50 ISO	16IL0.50 ISO	16	0.6	0.6
		0.75	16IR0.75 ISO	16IL0.75 ISO		0.6	0.6
		1.00	16IR1.00 ISO	16IL1.00 ISO		0.6	0.7
		1.25	16IR1.25 ISO	16IL1.25 ISO		0.8	0.9
		1.50	16IR1.50 ISO	16IL1.50 ISO		0.8	1.0
		1.75	16IR1.75 ISO	16IL1.75 ISO		0.9	1.2
		2.00	16IR2.00 ISO	16IL2.00 ISO		1.0	1.3
		2.50	16IR2.50 ISO	16IL2.50 ISO		1.1	1.5
		3.00	16IR3.00 ISO	16IL3.00 ISO		1.1	1.5

● 订货举例: 16 ER 1.25ISO 100片

● Order example: 16 ER 1.25ISO 100PCS

1-1.4 60° 美制统一标准螺纹刀片

60° American UN Threading Insert



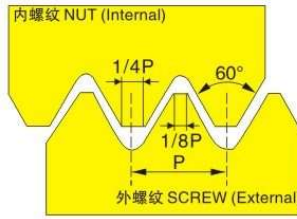
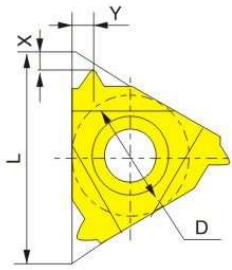
	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	32	11ER32 UN	11EL32 UN	11	0.6	0.6
		28	11ER28 UN	11EL28 UN		0.6	0.7
		24	11ER24 UN	11EL24 UN		0.7	0.8
		20	11ER20 UN	11EL20 UN		0.8	0.9
		18	11ER18 UN	11EL18 UN		0.8	1.0
		16	11ER16 UN	11EL16 UN		0.9	1.1
	3/8"	32	16ER32 UN	16EL32 UN	16	0.6	0.6
		28	16ER28 UN	16EL28 UN		0.6	0.7
		24	16ER24 UN	16EL24 UN		0.7	0.8
		20	16ER20 UN	16EL20 UN		0.8	0.9
		18	16ER18 UN	16EL18 UN		0.8	1.0
		16	16ER16 UN	16EL16 UN		0.9	1.1
		14	16ER14 UN	16EL14 UN		1.0	1.2
		13	16ER13 UN	16EL13 UN		1.1	1.3
		12	16ER12 UN	16EL12 UN		1.1	1.4
		11.5	16ER11.5 UN	16EL11.5 UN		1.1	1.4
		11	16ER11 UN	16EL11 UN		1.1	1.5
		10	16ER10 UN	16EL10 UN		1.1	1.5
	1/2"	9	16ER9 UN	16EL9 UN	22	1.2	1.7
		8	16ER8 UN	16EL8 UN		1.2	2.0
		7	22ER7 UN	22EL7 UN		1.6	2.3
		6	22ER6 UN	22EL6 UN		1.6	2.3
	5/8"	5	22ER5 UN	22EL5 UN	27	1.7	2.5
		4.5	27ER4.5 UN	27EL4.5 UN		1.9	2.7
		4	27ER4 UN	27EL4 UN		2.1	3.0

● 订货举例: 16ER 20 UN 100片
 ● Order example: 16ER 20 UN 100PCS



1-1.4 60° 美制统一标准螺纹刀片

60° American UN Threading Insert

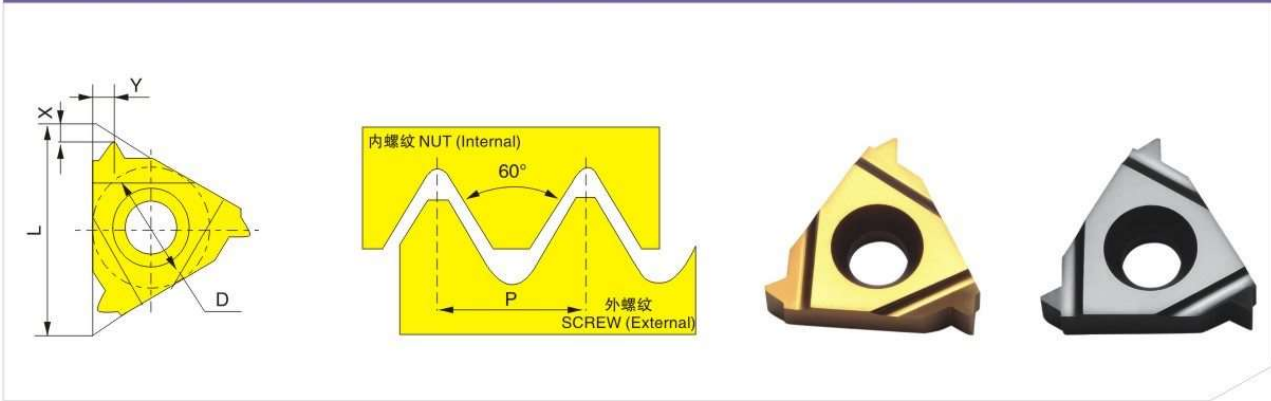


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
内螺纹 Internal	1/4"	32	11R32 UN	11L32 UN	11	0.6	0.6
		28	11R28 UN	11L28 UN		0.6	0.7
		24	11R24 UN	11L24 UN		0.7	0.8
		20	11R20 UN	11L20 UN		0.8	0.9
		18	11R18 UN	11L18 UN		0.8	1.0
		16	11R16 UN	11L16 UN		0.9	1.1
	3/8"	32	16R32 UN	16L32 UN	16	0.6	0.6
		28	16R28 UN	16L28 UN		0.6	0.7
		24	16R24 UN	16L24 UN		0.7	0.8
		20	16R20 UN	16L20 UN		0.8	0.9
		18	16R18 UN	16L18 UN		0.8	1.0
		16	16R16 UN	16L16 UN		0.9	1.1
		14	16R14 UN	16L14 UN		1.0	1.2
		13	16R13 UN	16L13 UN		1.0	1.3
		12	16R12 UN	16L12 UN		1.1	1.4
		11	16R11 UN	16L11 UN		1.1	1.5
		10	16R10 UN	16L10 UN		1.1	1.5
		9	16R9 UN	16L9 UN		1.2	1.7
	1/2"	8	16R8 UN	16L8 UN	22	1.2	2.0
		7	22R7 UN	22L7 UN		1.6	2.3
		6	22R6 UN	22L6 UN		1.6	2.3
	5/8"	5	22R5 UN	22L5 UN	27	1.7	2.5
		4.5	27R4.5 UN	27L4.5 UN		1.9	2.7
			4	27R4 UN	27L4 UN		2.1

● 订货举例: 16R 20 UN 100片
 ● Order example: 16R 20 UN 100PCS

1-2. 航空、宇航工业用 UNJ aviation threads

1-2.1 UNJ-美制航空航天机械螺纹刀片(UNJ-America Aviation Threading Insert)



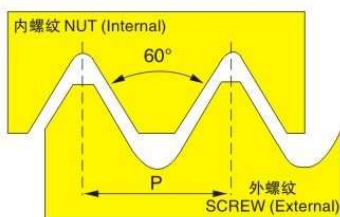
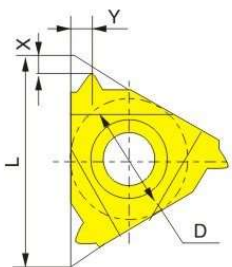
	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	28	11ER28 UNJ	11EL28 UNJ	11	0.7	0.7
		24	11ER24 UNJ	11EL24 UNJ		0.7	0.8
		20	11ER20 UNJ	11EL20 UNJ		0.8	0.9
		18	11ER18 UNJ	11EL18 UNJ		0.8	1.0
		16	11ER16 UNJ	11EL16 UNJ		0.9	1.1
		14	11ER14 UNJ	11EL14 UNJ		1.0	1.2
	3/8"	28	16ER28 UNJ	16EL28 UNJ	16	0.7	0.7
		24	16ER24 UNJ	16EL24 UNJ		0.7	0.8
		20	16ER20 UNJ	16EL20 UNJ		0.8	0.9
		18	16ER18 UNJ	16EL18 UNJ		0.8	1.0
		16	16ER16 UNJ	16EL16 UNJ		0.9	1.1
		14	16ER14 UNJ	16EL14 UNJ		1.0	1.2
		13	16ER13 UNJ	16EL13 UNJ		1.0	1.3
		12	16ER12 UNJ	16EL12 UNJ		1.1	1.3
		11	16ER11 UNJ	16EL11 UNJ		1.2	1.5
		10	16ER10 UNJ	16EL10 UNJ		1.2	1.5
		9	16ER9 UNJ	16EL9 UNJ		1.3	1.7
		8	16ER8 UNJ	16EL8 UNJ		1.2	1.6
	1/2"	7	22ER7 UNJ	22EL7 UNJ	22	1.7	2.3
		6	22ER6 UNJ	22EL6 UNJ		1.6	2.3
		5	22ER5 UNJ	22EL5 UNJ		1.8	2.5
	5/8"	4.5	27ER4.5 UNJ	27EL4.5 UNJ	27	2.0	2.7
		4	27ER4 UNJ	27EL4 UNJ		2.2	3.0

● 订货举例: 16ER 20 UNJ 100片
 ● Order example: 16ER 20 UNJ 100PCS



1-2.1 UNJ-美制航空航天机械螺纹刀片

(UNJ-America Aviation Threading Insert)

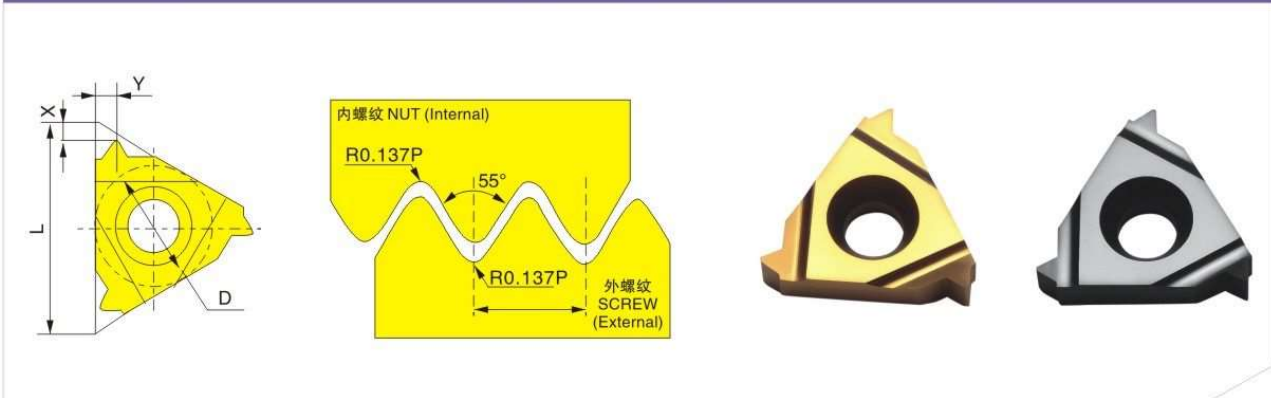


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
内螺纹 Internal	1/4"	28	11R28 UNJ	11L28 UNJ	11	0.7	0.7
		24	11R24 UNJ	11L24 UNJ		0.7	0.8
		20	11R20 UNJ	11L20 UNJ		0.8	0.9
		18	11R18 UNJ	11L18 UNJ		0.8	1.0
		16	11R16 UNJ	11L16 UNJ		0.9	1.1
		14	11R14 UNJ	11L14 UNJ		1.0	1.2
	3/8"	28	16R28 UNJ	16L28 UNJ	16	0.7	0.7
		24	16R24 UNJ	16L24 UNJ		0.7	0.8
		20	16R20 UNJ	16L20 UNJ		0.8	0.9
		18	16R18 UNJ	16L18 UNJ		0.8	1.0
		16	16R16 UNJ	16L16 UNJ		0.9	1.1
		14	16R14 UNJ	16L14 UNJ		1.0	1.2
		13	16R13 UNJ	16L13 UNJ		1.0	1.3
		12	16R12 UNJ	16L12 UNJ		1.1	1.3
		11	16R11 UNJ	16L11 UNJ		1.2	1.5
		10	16R10 UNJ	16L10 UNJ		1.2	1.5
		9	16R9 UNJ	16L9 UNJ		1.3	1.7
		8	16R8 UNJ	16L8 UNJ		1.2	1.6
	1/2"	7	22R7 UNJ	22L7 UNJ	22	1.7	2.3
		6	22R6 UNJ	22L6 UNJ		1.6	2.3
		5	22R5 UNJ	22L5 UNJ		1.8	2.5
	5/8"	4.5	27R4.5 UNJ	27L4.5 UNJ	27	2.0	2.7
		4	27R4 UNJ	27L4 UNJ		2.2	3.0

● 订货举例: 16R 20 UNJ 100片
 ● Order example: 16R 20UNJ 100PCS

1-3. 煤气、自来水龙头与管道连接用 For connecting gas and water taps to pipelines

1-3.1 55° 英国惠氏螺纹刀片(55° Whitworth threading insert)



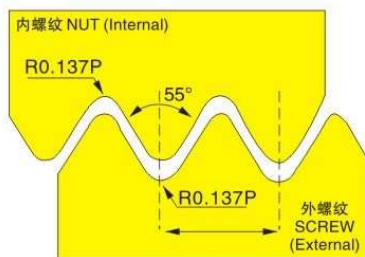
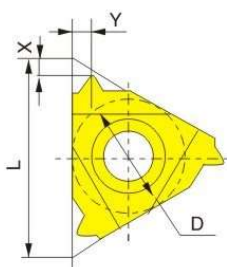
	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	28	11ER28 W	11EL28 W	11	0.6	0.7
		26	11ER26 W	11EL26 W		0.7	0.8
		20	11ER20 W	11EL20 W		0.8	0.9
		19	11ER19 W	11EL19 W		0.8	1
		18	11ER18 W	11EL18 W		0.8	1
		16	11ER16 W	11EL16 W		0.9	1.1
		14	11ER14 W	11EL14 W		1.0	1.2
	3/8"	28	16ER28 W	16EL28 W	16	0.6	0.7
		26	16ER26 W	16EL26 W		0.7	0.8
		20	16ER20 W	16EL20 W		0.8	0.9
		19	16ER19 W	16EL19 W		0.8	1
		18	16ER18 W	16EL18 W		0.8	0.9
		16	16ER16 W	16EL16 W		0.9	1.1
		14	16ER14 W	16EL14 W		1.0	1.2
		12	16ER12 W	16EL12 W		1.1	1.4
		11	16ER11 W	16EL11 W		1.1	1.5
		10	16ER10 W	16EL10 W		1.1	1.5
		9	16ER9 W	16EL9 W		1.2	1.5
	1/2"	8	16ER8 W	16EL8 W	22	1.2	1.7
		7	22ER7 W	22EL7 W		1.6	2.3
		6	22ER6 W	22EL6 W		1.6	2.3
	5/8"	5	22ER5 W	22EL5 W	27	1.7	2.4
		4.5	27ER4.5 W	27EL4.5 W		1.8	2.6
		4	27ER4 W	27EL4 W		2.0	2.9

● 订货举例: 16ER 16 W 100片
 ● Order example: 16ER 16 W 100PCS



1-3.1 55° 英国惠氏螺纹刀片

(55° Whitworth threading insert)

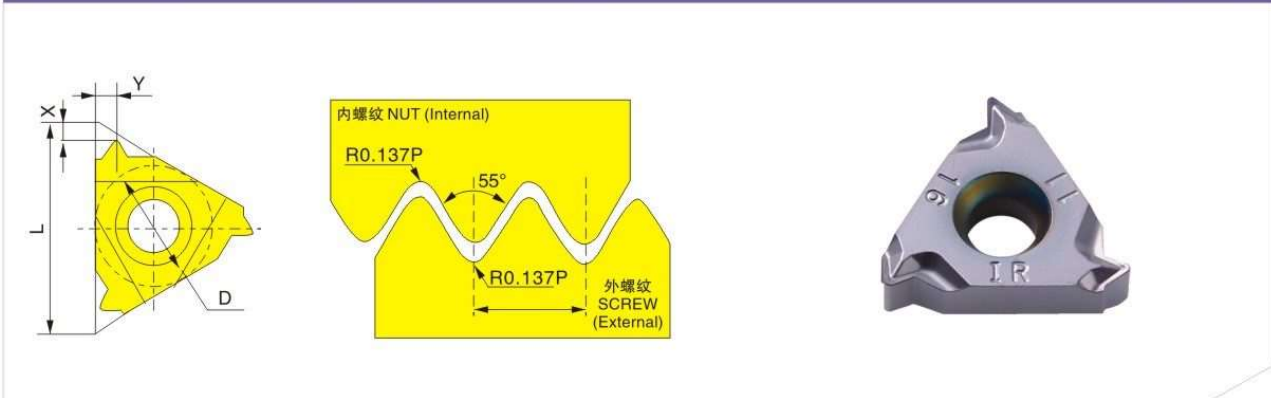


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
内螺纹 Internal	1/4"	28	11IR28 W	11IL28 W	11	0.6	0.6
		26	11IR26 W	11IL26 W		0.6	0.7
		20	11IR20 W	11IL20 W		0.7	0.9
		19	11IR19 W	11IL19 W		0.8	1.0
		18	11IR18 W	11IL18 W		0.8	1.0
		16	11IR16 W	11IL16 W		0.9	1.1
		14	11IR14 W	11IL14 W		1.0	1.2
	3/8"	28	16IR28 W	16IL28 W	16	0.6	0.7
		26	16IR26 W	16IL26 W		0.7	0.8
		20	16IR20 W	16IL20 W		0.8	0.9
		19	16IR19 W	16IL19 W		0.8	1.0
		18	16IR18 W	16IL18 W		0.8	1.0
		16	16IR16 W	16IL16 W		0.9	1.1
		14	16IR14 W	16IL14 W		1.0	1.2
		12	16IR12 W	16IL12 W		1.1	1.4
		11	16IR11 W	16IL11 W		1.1	1.5
		10	16IR10 W	16IL10 W		1.1	1.5
		9	16IR9 W	16IL9 W		1.2	1.5
	1/2"	8	16IR8 W	16IL8 W	1.2	1.7	
		7	22IR7 W	22IL7 W	22	1.6	2.3
		6	22IR6 W	22IL6 W		1.6	2.3
	5	22IR5 W	22IL5 W	1.7		2.4	
	5/8"	4.5	27IR4.5 W	27IL4.5 W	27	1.8	2.6
		4	27IR4 W	27IL4 W		2.0	2.9

● 订货举例: 16IR 16 W 100片
 ● Order example: 16IR 16 W 100PCS

1-3. 煤气、自来水龙头与管道连接用 For connecting gas and water taps to pipelines

1-3.1 55° 英国惠氏压制螺纹刀片(55° Whitworth Pressed Threading Insert)



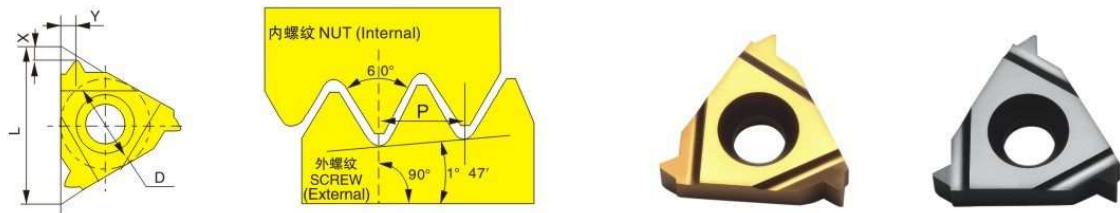
	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	3/8"	28	16ER28 W	16EL28 W	16	0.6	0.7
		26	16ER26 W	16EL26 W		0.7	0.8
		20	16ER20 W	16EL20 W		0.8	0.9
		19	16ER19 W	16EL19 W		0.8	1
		18	16ER18 W	16EL18 W		0.8	0.9
		16	16ER16 W	16EL16 W		0.9	1.1
		14	16ER14 W	16EL14 W		1.0	1.2
		12	16ER12 W	16EL12 W		1.1	1.4
		11	16ER11 W	16EL11 W		1.1	1.5
		10	16ER10 W	16EL10 W		1.1	1.5
		9	16ER9 W	16EL9 W		1.2	1.5
		8	16ER8 W	16EL8 W		1.2	1.7
内螺纹 Internal	3/8"	28	16IR28 W	16IL28 W	16	0.6	0.7
		26	16IR26 W	16IL26 W		0.7	0.8
		20	16IR20 W	16IL20 W		0.8	0.9
		19	16IR19 W	16IL19 W		0.8	1.0
		18	16IR18 W	16IL18 W		0.8	1.0
		16	16IR16 W	16IL16 W		0.9	1.1
		14	16IR14 W	16IL14 W		1.0	1.2
		12	16IR12 W	16IL12 W		1.1	1.4
		11	16IR11 W	16IL11 W		1.1	1.5
		10	16IR10 W	16IL10 W		1.1	1.5
		9	16IR9 W	16IL9 W		1.2	1.5
		8	16IR8 W	16IL8 W		1.2	1.7

● 订货举例: 16ER 16 W 100片

● Order example: 16ER 16 W 100PCS

1-3.2 60° 美国标准锥管螺纹刀片

(60° American Standard Pipe Taper Threading Insert)

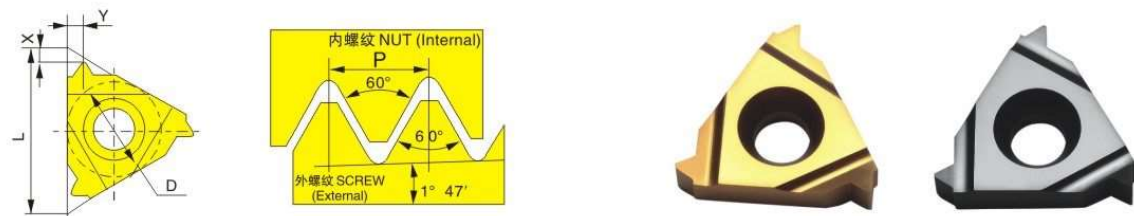


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	27	11ER27 NPT	11EL27 NPT	11	0.7	0.8
		18	11ER18 NPT	11EL18 NPT		0.8	1.0
		14	11ER14 NPT	11EL14 NPT		0.8	1.0
	3/8"	27	16ER27 NPT	16EL27 NPT	16	0.7	0.8
		18	16ER18 NPT	16EL18 NPT		0.8	1.0
		14	16ER14 NPT	16EL14 NPT		0.9	1.2
内螺纹 Internal	1/4"	11.5	16ER11.5 NPT	16EL11.5 NPT	16	1.1	1.5
		8	16ER8 NPT	16EL8 NPT		1.2	1.8
		27	11IR27 NPT	11IL27 NPT		0.7	0.8
	3/8"	18	11IR18 NPT	11IL18 NPT	11	0.8	1.0
		14	11IR14 NPT	11IL14 NPT		0.8	1.0
		27	16IR27 NPT	16IL27 NPT		0.7	0.8
		18	16IR18 NPT	16IL18 NPT	16	0.8	1.0
		14	16IR14 NPT	16IL14 NPT		0.9	1.2
		11.5	16IR11.5 NPT	16IL11.5 NPT		1.1	1.5
		8	16IR8 NPT	16IL8 NPT		1.2	1.8

● 订货举例: 16ER 8NPT 100片
 ● Order example: 16ER 8NPT 100PCS

1-4. 蒸汽、煤气、供水管螺纹 Threads for steam, gas, water supply tubes (NPTF)

1-4.1 60° 美制干密封螺纹刀片(NPTF) 60° National Pipe Threading Fine (NPTF)

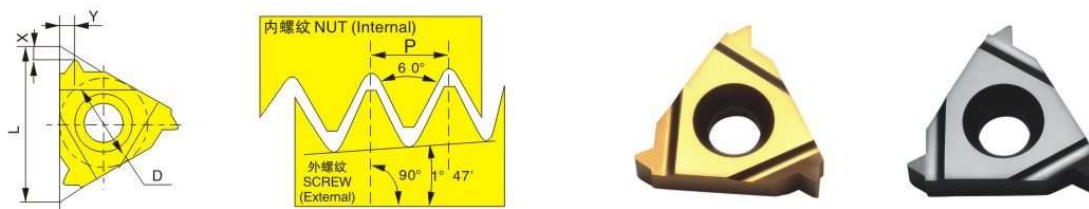


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	27	11ER27 NPTF	11EL27 NPTF	11	0.7	0.8
		18	11ER18 NPTF	11EL18 NPTF		0.8	1.0
		14	11ER14 NPTF	11EL14 NPTF		0.8	1.0
	3/8"	27	16ER27 NPTF	16EL27 NPTF	16	0.7	0.8
		18	16ER18 NPTF	16EL18 NPTF		0.8	1.0
		14	16ER14 NPTF	16EL14 NPTF		0.9	1.2
内螺纹 Internal	1/4"	11.5	16ER11.5 NPTF	16EL11.5 NPTF	16	1.1	1.5
		8	16ER8 NPTF	16EL8 NPTF		1.2	1.8
		27	11IR27 NPTF	11IL27 NPTF		0.7	0.8
	3/8"	18	11IR18 NPTF	11IL18 NPTF	11	0.8	1.0
		14	11IR14 NPTF	11IL14 NPTF		0.8	1.0
		27	16IR27 NPTF	16IL27 NPTF		0.7	0.8
		18	16IR18 NPTF	16IL18 NPTF	16	0.8	1.0
		14	16IR14 NPTF	16IL14 NPTF		0.9	1.2
		11.5	16IR11.5 NPTF	16IL11.5 NPTF		1.1	1.5
		8	16IR8 NPTF	16IL8 NPTF		1.2	1.8

● 订货举例: 16ER 8NPTF 100片
 ● Order example: 16ER 8NPTF 100PCS

1-4.2 55° 英国标准锥管螺纹刀片

(55° English Standard Pipe Taper Threading Insert)

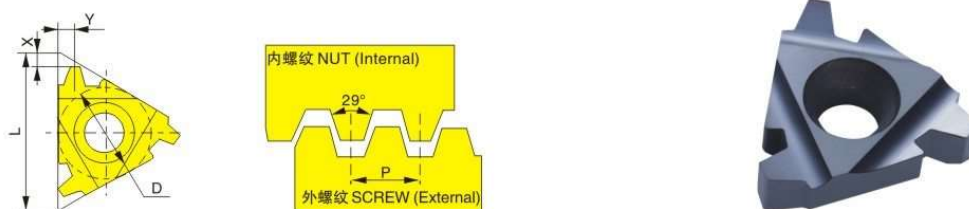


	D	加工螺距Pitch TPI	刀片型号Designation		刀片尺寸Dimension			
			右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y	
外螺纹 External	1/4"	28	11ER 28 BSPT	11EL 28 BSPT	11	0.6	0.6	
		19	11ER 19 BSPT	11EL 19 BSPT		0.8	0.9	
		14	11ER 14 BSPT	11EL 14 BSPT		0.9	1.0	
	3/8"	28	16ER 28 BSPT	16EL 28 BSPT	16	0.6	0.6	
		19	16ER 19 BSPT	16EL 19 BSPT		0.8	0.9	
		14	16ER 14 BSPT	16EL 14 BSPT		1.0	1.2	
内螺纹 Internal	1/4"	28	11IR 28 BSPT	11IL 28 BSPT	11	0.6	0.8	
		19	11IR 19 BSPT	11IL 19 BSPT		0.8	0.9	
		14	11IR 14 BSPT	11IL 14 BSPT		0.9	1.0	
	3/8"	28	16IR 28 BSPT	16IL 28 BSPT	16	0.6	0.6	
		19	16IR 19 BSPT	16IL 19 BSPT		0.8	0.9	
		14	16IR 14 BSPT	16IL 14 BSPT		1.0	1.2	
			11	16IR 11 BSPT	16IL 11 BSPT		1.1	1.5

● 订货举例: 16ER 11BSPT 100片
 ● Order example: 16ER 16 BSPT 100PCS

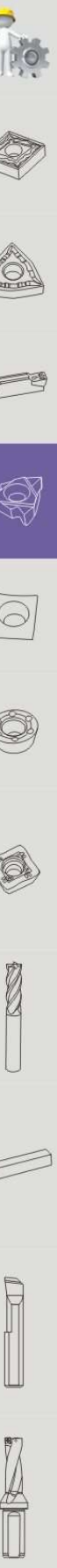
1-5. 机械驱动用 Threads for mechanical drive

1-5.1 英制29° 梯形螺纹刀片(ACME) British 29° trapezoidal threading (ACME)



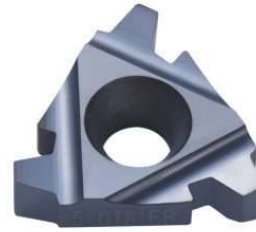
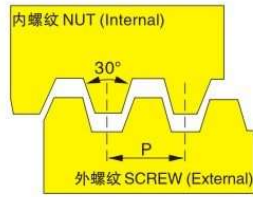
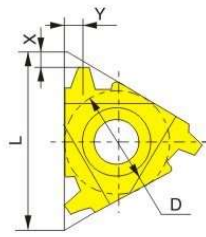
	D	加工螺距Pitch TPI	刀片型号Designation		刀片尺寸Dimension		
			右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	3/8"	16	16ER 16 ACME	16EL 16 ACME	16	1.0	1.1
		14	16ER 14 ACME	16EL 14 ACME		1.0	1.2
		12	16ER 12 ACME	16EL 12 ACME		1.1	1.2
		10	16ER 10 ACME	16EL 10 ACME		1.3	1.3
		8	16ER 8 ACME	16EL 8 ACME		1.4	1.5
	1/2"	6	22ER 6 ACME	22EL 6 ACME	22	1.8	2.1
		5	22ER 5 ACME	22EL 5 ACME		2.0	2.3
	5/8"	4	27ER 5 ACME	27EL 5 ACME	27	2.4	2.7
	内螺纹 Internal	3/8"	16	16IR 16 ACME	16IL 16 ACME	16	1.0
14			16IR 14 ACME	16IL 14 ACME	1.0		1.2
12			16IR 12 ACME	16IL 12 ACME	1.1		1.2
10			16IR 10 ACME	16IL 10 ACME	1.3		1.3
8			16IR 8 ACME	16IL 8 ACME	1.4		1.5
1/2"		6	22IR 6 ACME	22IL 6 ACME	22	1.8	2.1
		5	22IR 5 ACME	22IL 5 ACME		2.0	2.3
5/8"		4	27IR 5 ACME	27IL 5 ACME	27	2.4	2.7

● 订货举例: 16ER 16ACME 100片
 ● Order example: 16ER 16ACME 100PCS



1-5.2 30° 标准梯形螺纹刀片

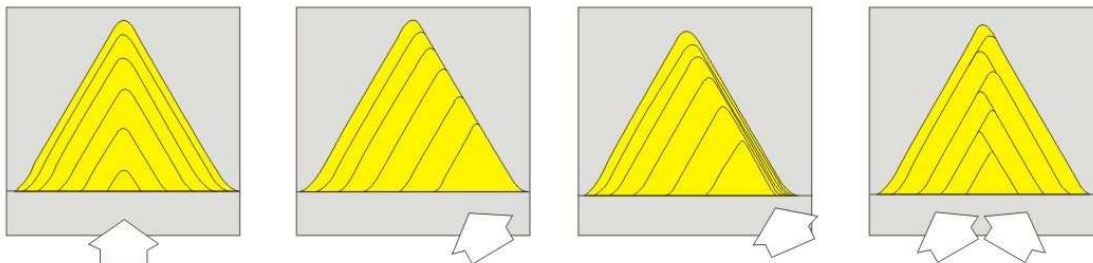
(30° Standard Trapezoidal Threading Insert)



	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		mm	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	3/8"	1.5	16ER1.5 TR	16EL1.5 TR	16	1.0	1.1
		2.0	16ER2 TR	16EL2 TR		1.1	1.3
		3.0	16ER3 TR	16EL3 TR		1.3	1.5
	1/2"	4.0	22ER4 TR	22EL4 TR	22	1.7	1.9
		5.0	22ER5 TR	22EL5 TR		2.1	2.5
	5/8"	6.0	27ER6 TR	27EL6 TR	27	2.2	2.6
7.0		27ER7 TR	27EL7 TR	2.3		2.7	
内螺纹 Internal	3/8"	1.5	16IR1.5 TR	16IL1.5 TR	16	1.0	1.1
		2.0	16IR2 TR	16IL2 TR		1.1	1.3
		3.0	16IR3 TR	16IL3 TR		1.3	1.5
	1/2"	4.0	22IR4 TR	22IL4 TR	22	1.7	1.9
		5.0	22IR5 TR	22IL5 TR		2.1	2.5
	5/8"	6.0	27IR6 TR	27IL6 TR	27	2.2	2.6
7.0		27IR7 TR	27IL7 TR	2.3		2.7	

● 订货举例: 16ER 1.5TR 100片
 ● Order example: 16ER 1.5TR 100PCS

螺纹切削进刀方式 Thread cutting feed way



垂直车螺纹方式
 (径向进给)
 Vertical thread turning way
 (radial feed)

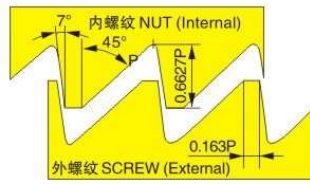
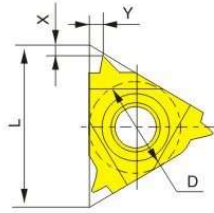
单边刃车螺纹
 (侧向进给)
 Unilateral blade thread turning
 (lateral feed)

单边刃修正车螺纹
 (侧向进给)
 Unilateral blade thread turning correction
 (lateral feed)

交叉车螺纹
 (交替侧向进给)
 Staggered thread turning
 (alternate lateral feed)

1-6. ABUT美制锯齿形螺纹刀片

(ABUT American Buttress Threading Insert)

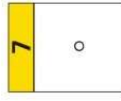


	D	加工螺距Pitch	刀片型号Designation		刀片尺寸Dimension		
		TPI	右旋螺纹 Right hand	左旋螺纹 Left hand	L	X	Y
外螺纹 External	1/4"	20	11ER 20 ABUT	11EL 20 ABUT	11	1.0	1.4
		16	11ER 16 ABUT	11EL 16 ABUT		1.3	1.9
	3/8"	20	16ER 20 ABUT	16EL 20 ABUT	16	1.0	1.4
		16	16ER 16 ABUT	16EL 16 ABUT		1.3	1.9
		12	16ER 12 ABUT	16EL 12 ABUT		1.4	2.0
		10	16ER 10 ABUT	16EL 10 ABUT		1.5	2.3
1/2"	8	22ER 8 ABUT	22EL 8 ABUT	22	2.0	3.2	
	6	22IR 6 ABUT	22IL 6 ABUT		2.2	3.5	
内螺纹 Internal	1/4"	20	11IR 20 ABUT	11IL 20 ABUT	11	1.0	1.4
		16	11IR 16 ABUT	11IL 16 ABUT		1.3	1.9
	3/8"	20	16IR 20 ABUT	16IL 20 ABUT	16	1.0	1.4
		16	16IR 16 ABUT	16IL 16 ABUT		1.3	1.9
		12	16IR 12 ABUT	16IL 12 ABUT		1.4	2.0
		10	16IR 10 ABUT	16IL 10 ABUT		1.5	2.3
	1/2"	8	22IR 8 ABUT	22IL 8 ABUT	22	2.0	3.2
		6	22IR 6 ABUT	22IL 6 ABUT		2.2	3.5

● 订货举例: 16ER 12ABUT 100片
 ● Order example: 16ER 12ABUT 100PCS



SER/L



7	B	带内冷孔 With inner cooling hole
	C	硬质合金柄 Carbide shank
	V	立式 Vertical
	O	精密型 Precision type (O)
	D	活顶型 Top-movable type (D)
	G	套装型 Sleeved type (G)
	U	U型 U type

6	刀片尺寸 Insert dimension	
	L	I.C.
	06	5/32"
	08	3/16"
	08U	3/16" U
	11	1/4"
	16	3/8"
	22	1/2"
	22U	1/2" U
	27	5/8"
	27	5/8" U
	33	3/4"
	33U	3/4" U

5	刀杆长度(mm) Cutter bar length	
	D	60
	F	80
	H	100
	K	125
	L	140
	M	150
	P	170
	R	200
	S	250
	T	300
	U	350
	V	400

4	External thread square cutter bar size 外螺纹方刀杆尺寸	2020=20mm x 20mm
	Internal thread inner diameter size 内螺纹内直径尺寸	0020=Durchm. 20mm

1	装夹方式 Clamping method
	D 压板夹固 Press plate clamping
	S 螺钉夹固 Screw clamping

2	外螺纹 External 内螺纹 Internal
	E 外螺纹 External
	I 内螺纹 Internal

3	右旋 Right-hand 左旋 Left-hand
	R 右旋 Right-hand
	L 左旋 Left-hand



螺纹刀系列
Threading
Holder series

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SER/L(P200)



B-SER/L(P201)



DER(P201)



SER(P202)



SNR/L(P202)



SIR(P203)



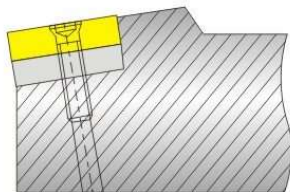
CNR00(P203)



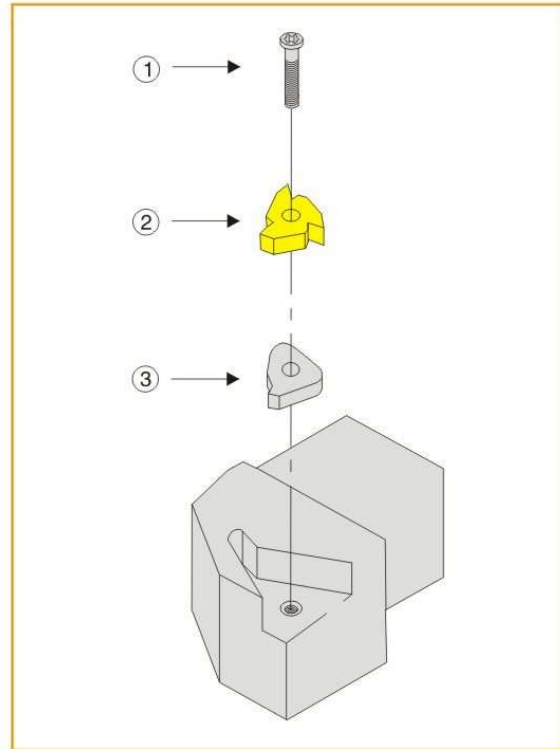
DIR(P204)



SER/L

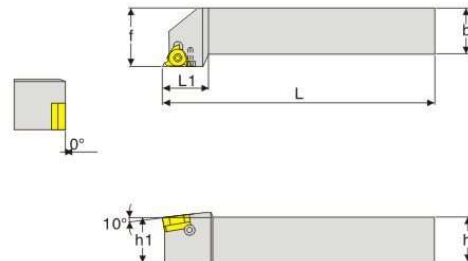
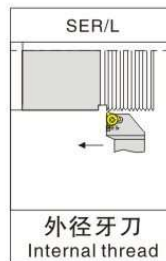


- ① 垫片螺丝
Shim screw
- ② 刀片
Insert
- ③ 垫片
Shim



螺纹刀 Threading holder

SER/L

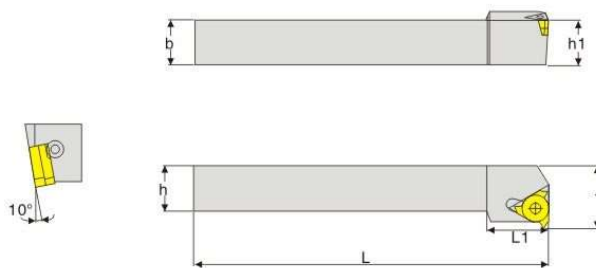
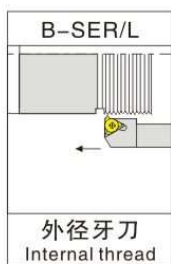


参考 Reference	刀杆形状 Cutter bar shape	刀片 Insert 	适用条件 Applicable conditions						配件 Accessories		
			h	b	L	f	h1	L1	 垫片 Shim	 螺丝 Screw	 扳手 Wrench
SER/L	1212H16	16/ER/L□□	12	12	100	16	12	20	-	M3.5×9	T8
	1616H16		16	16	100	20	16	22	STM1603	M3.5×12	T15
	2020K16		20	20	125	25	20	22			
	2525M16		25	25	150	32	25	22			
	3232P16		32	32	170	40	32	22			



螺纹刀 Threading holder

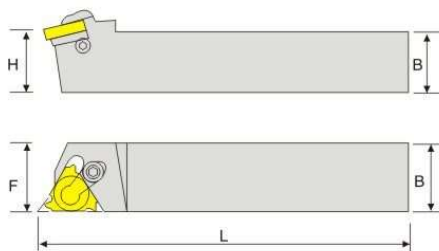
B-SER/L



参考 Reference	刀杆形状 Cutter bar shape	刀片 Insert	适用条件 Applicable conditions						配件 Accessories		
			h	b	L	f	h1	L1	垫片 Shim	螺丝 Screw	扳手 Wrench
注释 Note											
型号 Model											
B-SER/L	1212H16	16/EP/L□□	12	12	100	16	12	20	-	M3.5×9	T15
	1616H16		16	16	100	20	16	22	STM1603	M3.5×12	T15
	2020K16		20	20	125	25	20	22			
	2525M16		25	25	150	32	25	22			
	3232P16		32	32	170	40	32	22			

螺纹刀 Threading holder

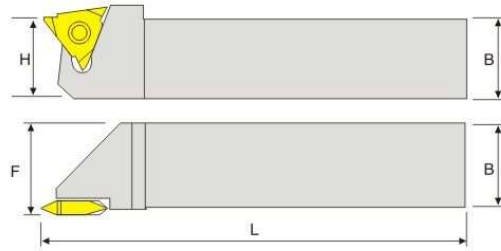
DER



型号 Model		B=H	L	F	夹固螺钉 Clamping screw	压板 Clamp	垫片螺钉 Shim screw	Torx扳手 Torx wrench	右螺纹垫片 Right thread gasket	左螺纹垫片 Left thread gasket
DER1212H16	16	12	100	16	S16	C16	A16S	K16	AE16	AI16
DER1616H16	16	16	100	16	S16	C16	A16S	K16	AE16	AI16
DER2020K16	16	20	125	20	S16	C16	A16S	K16	AE16	AI16
DER2525M16	16	25	150	25	S16	C16	A16S	K16	AE16	AI16
*DER2525M15	22	25	150	25	S22	C22	A22	K22	AE22	AI22

螺纹刀 Threading holder

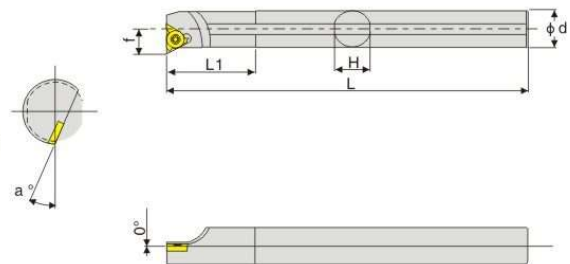
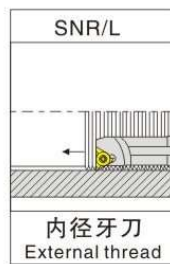
SER



型号 Model		B=H	L	F	夹固螺钉 Clamping screw	Torx扳手 Torx wrench
SER1616H16	16	16	100	18	S16S	K16
SER2020K16	16	20	125	22	S16S	K16
SER2525M16	16	25	150	27	S16S	K16
SER2525M22	22	25	150	27.5	S22S	K22

螺纹刀 Threading holder

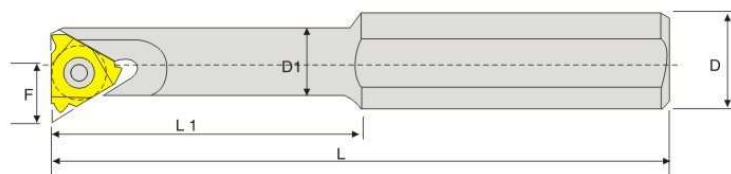
SNR/L



型号 Model	刀片 Insert 	适用条件 Applicable conditions							配件 Accessories		
		ϕ Dmin	ϕ D	H	L	L1	f	α°	垫片 Shim	螺丝 Screw	扳手 Wrench
SNR/L	11/NR/L□□	ϕ 13	ϕ 10	9	125	22	7.2	15°	/	M2.5 × 6	T8
		ϕ 15	ϕ 12	11	150	22	8.5	15°			
		ϕ 16	ϕ 16	15	150	32	10.2	17°			
		ϕ 19	ϕ 16	15	150	40	11.7	15°			
	16/NR/L□□	ϕ 24	ϕ 20	19	180	40	13.7	21°	STM1603	M3.5 × 12	T15
		ϕ 29	ϕ 25	24	200	45	16.2	21°			
		ϕ 36	ϕ 32	30	250	50	19.7	15°			
		ϕ 44	ϕ 40	38	300	55	23.7	15°			
		ϕ 54	ϕ 50	48	350	60	28.7	15°			

螺纹刀 Threading holder

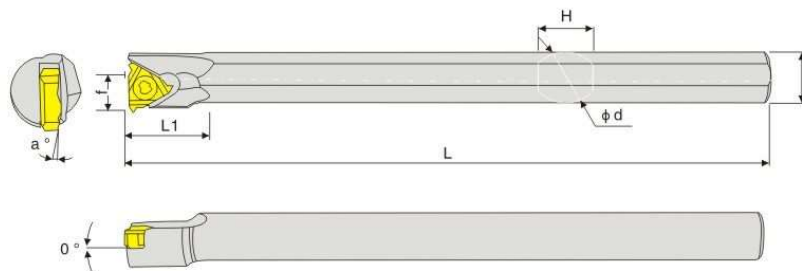
SIR



型号 Model		D	D1	最小直径 Min. diameter	L	L1	F	夹固螺钉 Clamping screw	垫片螺钉 Shim screw	Torx扳手 Torx wrench	右螺纹垫片 Right thread gasket	左螺纹垫片 Left thread gasket
*SIR0010M11-A16		11	16	10	12	28	7.4	M2.5×6	-	T8	-	-
*SIR0012M11-A16		11	16	12	14	32	8.2	M2.5×6	-	T8	-	-
*SIR0013M16-A16		16	16	13	17	37	9.2	M3.5×9	-	T15	-	-

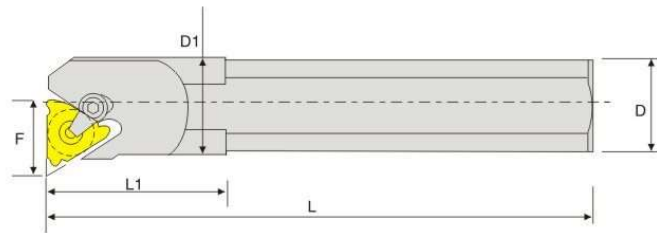
螺纹刀 Threading holder

CNR00□□□□



型号 Model	刀片 Insert	规格 Specification							螺丝 Screw	扳手 Wrench
		φ Dmin	φ d	f	L	L1	H	α°		
CNR0007K08	08NRM□□	φ 10	φ 7	5	125	16	6	18°	M2.5×5	T8
CNR0008K08	08NRM□□	φ 11	φ 8	5.4	125	16	7	18°		
CNR0010M11	11NRM□□	φ 13	φ 10	6.4	150	16	9	15°	M2.5×9	T8
CNR0012M11	11NRM□□	φ 16	φ 12	8.5	150	16	11	15°		
CNR0014Q11	11NRM□□	φ 17	φ 14	8.9	180	20	13	17°		
CNR0016Q16	16NR□□	φ 20	φ 16	10.2	180	20	15	15°	M3.5×9	T15

DIR



型号 Model		D	D1	最小直径 Min. diameter	L	L1	F	夹固螺钉 Clamping screw	压板 Clamp	垫片螺钉 Shim screw	Torx扳手 Torx wrench	右螺纹垫片 Right thread gasket	左螺纹垫片 Left thread gasket
DIR0020R16	16	20	20	24	170	-	13.7	S16	C16	A16	K16	Al16	AE16
DIR0025R16	16	25	25	29	200	-	16.2	S16	C16	A16	K16	Al16	AE16
DIR0032S16	16	32	32	36	250	-	19.7	S16	C16	A16	K16	Al16	AE16
DIR0025R22	22	25	25	29	200	-	18.1	S22	C22	A22	K22	Al22	AE22
DIR0032R22	22	32	32	38	250	-	20.2	S22	C22	A22	K22	Al22	AE22

