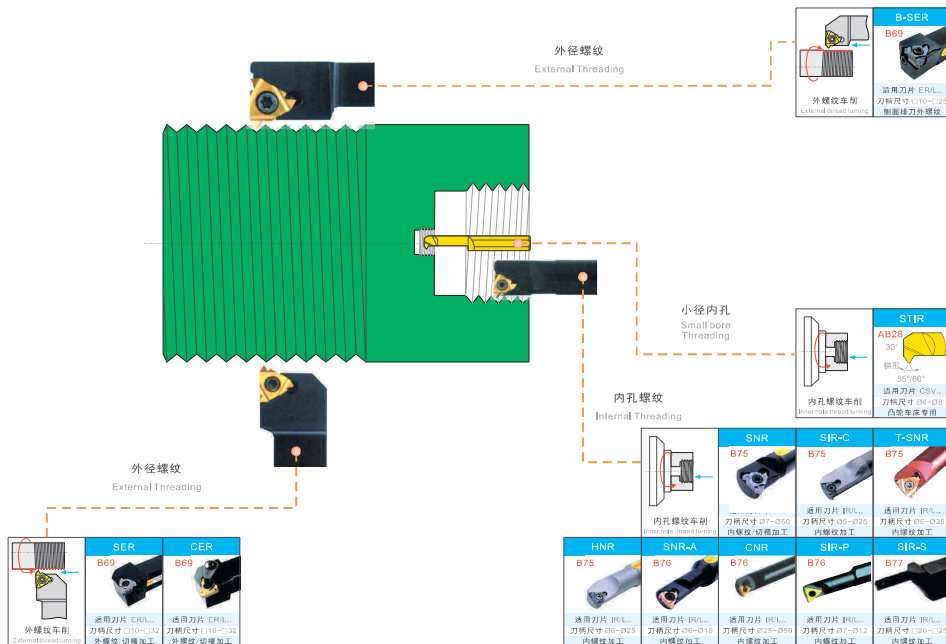
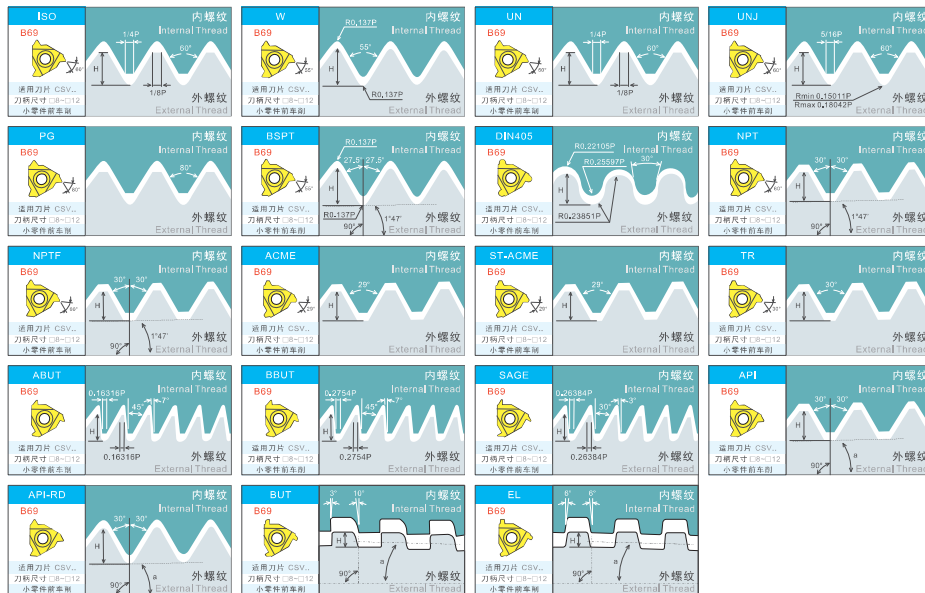


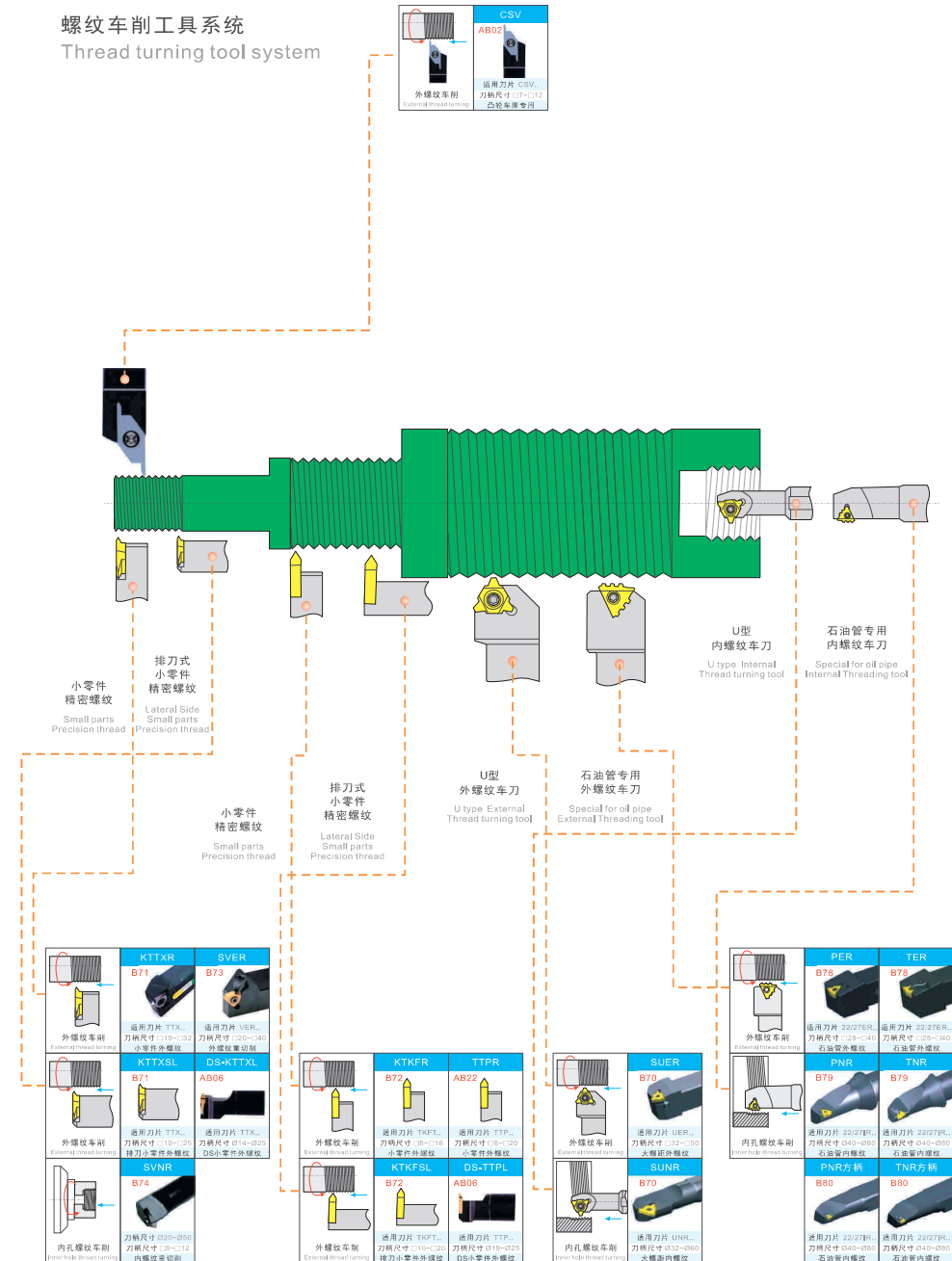
螺纹车削工具系统

Thread turning tool system



螺纹车削工具系统

Thread turning tool system



SER
钢柄
Steel

外螺纹车削
External Thread Turning

刀片 (Inserts): A27/A51-A64 零配件 (Toolholder Parts): P01-P04

图示方向 (R) R-Type

刀把型号 Ordering code	尺寸 Dimensions						刀片 Insert	垫片 Shim	螺丝 Screw	侧螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	h	b	L	L1	h1	f						R	L		
SER/L1010H11	10	10	100	16	10	12	11ER/L...		M2.5×6		T8	●	●	232100	160
SER/L1212H11	12	12	100	16	12	16						●	●	232102	140
SER/L1616H11	16	16	100	20	16	20						●	●	232103	150
SER/L1212H16	12	12	100	20	12	18						●	●	232104	150
SER/L1616H16	16	16	100	20	16	20						●	●	232106	150
SER/L2020K16	20	20	125	22	20	25	16ER/L...	STM1603R STM1603L	M3.5×12	M3×8C	T15	●	●	232108	150
SER/L2525M16	25	25	150	22	25	32						●	●	232110	200
SER/L3225P16	32	32	170	25	32	32						●	●	232112	265
SER/L2020K22	20	20	125	26	20	32						●	●	232113	200
SER/L2525M22	25	25	150	26	25	32						●	●	232114	200
SER/L3225P22	32	32	170	28	32	32	22ER/L...	STM22T3R STM22T3L	M4.5×12	M3×8C	T20 T15	●	●	232116	265

CER
钢柄
Steel

外螺纹车削
External Thread Turning

刀片 (Inserts): A27/A51-A64 零配件 (Toolholder Parts): P01-P04

图示方向 (R) R-Type

刀把型号 Ordering code	尺寸 Dimensions						刀片 Insert	垫片 Shim	垫片螺丝 Screw	压板 Clamp	双头螺钉 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	h	b	L	L1	h1	f							R	L		
CER/L1616H16	16	16	100	20	16	20	16ER/L...	STM1603R STM1603L	M3.5×12	HL1808	ML0520	T15 PL25	●	●	232200	165
CER/L2020K16	20	20	125	22	20	25							●	●	232202	180
CER/L2525M16	25	25	150	22	25	32							●	●	232204	220
CER/L3225P16	32	32	170	25	32	32							●	●	232206	300
CER/L2525M22	25	25	150	26	25	32							22ER/L...	STM22T3R STM22T3L	M4.5×14	HL1808
CER/L3225P22	32	32	170	28	32	32	●	●	232210	300						

B-SER
钢柄
Steel

外螺纹车削
External Thread Turning

刀片 (Inserts): A27/A51-A64 零配件 (Toolholder Parts): P01-P04

图示方向 (R) R-Type

刀把型号 Ordering code	尺寸 Dimensions						刀片 Insert	垫片 Shim	螺丝 Screw	侧螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	h	b	L	L1	h1	f						R	L		
B-SER/L1010H16	10	10	100	20	10	18	16ER/L...	STM1603R STM1603L	M3.5×12	M3×8C	T15	●	●	232300	200
B-SER/L1212H16	12	12	100	20	12	18						●	●	232302	150
B-SER/L1616H16	16	16	100	20	16	20						●	●	232304	150
B-SER/L2020K16	20	20	125	22	20	25						●	●	232306	160
B-SER/L2525M16	25	25	150	22	25	32						●	●	232308	220

多种牙型 高效低阻力 螺纹刀片

DIN103

内螺纹
Internal Thread

外螺纹
External Thread

规格型号
Specification

切深
Depth

螺距
Pitch

尺寸
Dimension (mm)

用途
Use

规格型号 Specification	切深 Depth	螺距 Pitch	尺寸 Dimension (mm)						用途 Use
			Hmin	φd	L	A	S	F	
22UER 8.0 TR 7.0 TR	3.60 4.00	6.0 7.0	5.1 5.1	22	12.7	2.0 2.3	11.0	●	●
27UER 8.0 TR 9.0 TR 10.0 TR	4.57 5.0 10.0	8.0 9.0 10.0	6.35 6.35 6.35	27	15.87	2.6 3.0 13.7	13.7	●	●

SUER

外螺纹车削
External Thread Turning

刀片 (Inserts): A59-A64/B70 零配件 (Toolholder Parts): P01-P04

规格型号
Specification

切深
Depth

螺距
Pitch

尺寸
Dimension (mm)

用途
Use

规格型号 Specification	切深 Depth	螺距 Pitch	尺寸 Dimension (mm)						用途 Use
			Hmin	φd	L	A	S	F	
22UER 8.0 TR 7.0 TR	3.60 4.00	6.0 7.0	5.1 5.1	22	12.7	2.0 2.3	11.0	●	●
27UER 8.0 TR 9.0 TR 10.0 TR	4.57 5.0 10.0	8.0 9.0 10.0	6.35 6.35 6.35	27	15.87	2.6 3.0 13.7	13.7	●	●

多种牙型 高效低阻力 螺纹刀片

SAGE

内螺纹加工
Internal thread processing

规格型号
Specification

切深
Depth

螺距
Pitch

尺寸
Dimension (mm)

用途
Use

规格型号 Specification	切深 Depth	螺距 Pitch	尺寸 Dimension (mm)						用途 Use
			Hmin	φd	L	A	S	F	
22UIR 6.0 TR 7.0 TR	3.60 4.00	6.0 7.0	5.1 5.1	22	12.7	2.0 2.3	11.0	●	●
27UIR 8.0 TR 9.0 TR 10.0 TR	4.57 5.0 10.0	8.0 9.0 10.0	6.35 6.35 6.35	27	15.87	2.6 3.0 13.7	13.7	●	●

SUNR

内螺纹车削
Internal Thread Turning

刀片 (Inserts): A59-A64/B70 零配件 (Toolholder Parts): P01-P04

规格型号
Specification

切深
Depth

螺距
Pitch

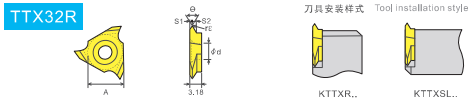
尺寸
Dimension (mm)

用途
Use

规格型号 Specification	切深 Depth	螺距 Pitch	尺寸 Dimension (mm)						用途 Use
			Hmin	φd	L	A	S	F	
22UIR 6.0 TR 7.0 TR	3.60 4.00	6.0 7.0	5.1 5.1	22	12.7	2.0 2.3	11.0	●	●
27UIR 8.0 TR 9.0 TR 10.0 TR	4.57 5.0 10.0	8.0 9.0 10.0	6.35 6.35 6.35	27	15.87	2.6 3.0 13.7	13.7	●	●

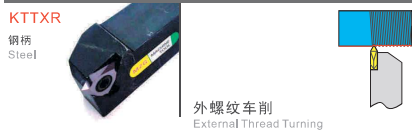
小零件
精密
螺纹刀片

螺纹应用领域：一般工业
Thread Application: General Industry



用途 Application	规格型号 Specification	螺距 Pitch of Screw (mm) (tpi)	尺寸 Dimension (mm)	材料 Material	应用 Application
外圆加工 External turning	TTX32R 6000 6000S 6000S 6000S 6001 6002 6003	0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0 1.0-2.0 1.5-2.5 2.5	56-32 56-32 48-32 48-32 28-14 15-10 15-10	0.0 0.0 0.0 0.0 0.1 0.2 0.2	1.12 1.12 1.12 1.12 1.12 1.12 1.12

用途 Application	规格型号 Specification	螺距 Pitch of Screw (mm) (tpi)	尺寸 Dimension (mm)	材料 Material	应用 Application
内孔加工 Internal turning	TTX32L 5501 5502	- -	28-10 14-10	0.1 0.2	1.1 0.5



刀片 (Inserts): A51-A54/B71 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions	刀片 Insert	螺丝 Screw	扳手 Wrench	Stock	Order Number	Price (RMB)
KTTXR/L1010F32	h 10 b 10 L 90 T 10 h1 10 f 12	TTX32..	M4×10	L2.5 T15	●	232500	200
KTTXR/L1212H32	12 12 100 20 12 16				●	232502	165
KTTXR/L1616H32	16 16 100 20 16 20				●	232504	165
KTTXR/L2020K32	20 20 125 22 20 25				●	232506	180
KTTXR/L2020K43	20 20 125 28 20 25				●	232508	180
KTTXR/L2525M43	25 25 150 30 25 32	TT43..	M5×12		●	232510	220
KTTXR/L3232P43	32 32 170 30 32 40				●	232512	300

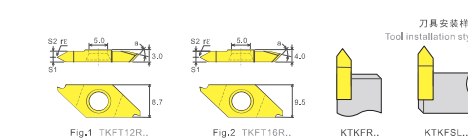


刀片 (Inserts): A51-A54/B71 零配件 (Toolholder Parts): P01-P04

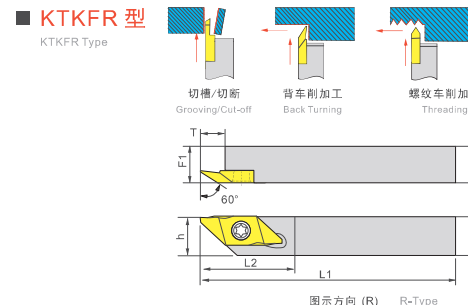
刀把型号 Ordering code	尺寸 Dimensions	刀片 Insert	扳手 Wrench	螺丝 Screw	Stock	Order Number	Price (RMB)
KTTXSR/L 1010H16	g1 2 h=h1 10 b 10 L 100 T 12 f 16	TTX32..	T15	M4.0×10	●	232513	300
1212H16	0 12 12 100 16 20				●	232514	300
1616H16	0 16 16 100 20 24				●	232515	300
2020K16	0 20 20 125 25 30				●	232516	350
2525M16	0 25 25 150 32 35				●	232517	400

小零件
精密
螺纹刀片

螺纹应用领域：一般工业
Thread Application: General Industry



用途 Application	规格型号 Specification	螺距 Pitch of Screw (mm) (tpi)	尺寸 Dimension (mm)	材料 Material	应用 Application
外圆加工 External turning	TKFT12R A6000 B6000 A6000S B6000S N6001	0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0 1.0-1.5	56-32 56-32 48-32 48-32 28-14	0.0 0.0 0.0 0.0 0.1	1.12 1.12 1.12 1.12 1.12
内孔加工 Internal turning	TKFT16R A6000 B6000 A6000S B6000S N6001	0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0 1.0-1.5	56-32 56-32 48-32 48-32 28-14	0.0 0.0 0.0 0.0 0.1	1.12 1.12 1.12 1.12 1.12



切槽/切屑/背车/螺纹车削加工共用
Grooving/Cut-off/Back Turning/Threading

刀把型号 Ordering code	尺寸 Dimensions	刀片 Insert	扳手 Wrench	螺丝 Screw	Stock	Order Number	Price (RMB)
KTKFR/L 0808K-12	h 8 B 8 125 15 6 8	切屑 TKF..12R.. 后扫 TKFB..12R.. 螺纹 TKFT..12R..	T20	M4.5×8	●	206100	260
1010K-12	10 10 125 15 6 10				●	206102	200
1212F-12	12 12 85 - 6 12				●	206104	150
1212M-12	12 12 150 - 6 12				●	206106	160
1616M-12	16 16 150 - 6 16				●	206108	140
KTKFR/L 0808K-16	h 8 B 8 125 15 8 8	切屑 TKF..12R.. 后扫 TKFB..12R.. 螺纹 TKFT..12R..	T20	M4.5×8	●	206110	260
1010K-16	10 10 125 20 8 10				●	206112	200
1212F-16	12 12 85 - 8 12				●	206114	150
1212M-16	12 12 150 - 8 12				●	206116	160
1616M-16	16 16 150 - 8 16				●	206118	140
KTKFSR/L 1010JX12	10 10 120 6.0 2 6	切屑 TKF..12R.. 后扫 TKFB..12R.. 螺纹 TKFT..12R..	T20	M4.5×8	●	206121	300
1212JX12	12 12 120 6.0 0 4				●	206123	300
1616JX12	16 16 120 6.0 0 2				●	206125	300
2020JX12	20 20 120 6.0 0 0				●	206127	300
KTKFSR/L 1010JX16	10 10 120 8.0 2 8	切屑 TKF..12R.. 后扫 TKFB..12R.. 螺纹 TKFT..12R..	T20	M4.5×8	●	206129	300
1212JX16	12 12 120 8.0 0 6				●	206131	300
1616JX16	16 16 120 8.0 0 4				●	206133	300
2020JX16	20 20 120 8.0 0 2				●	206135	300

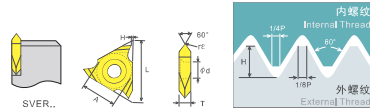
VER

多种牙型
高效低阻力
螺纹刀片

螺纹应用领域：一般工业

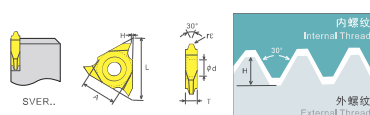
Thread Application: General Industry

公制 60°



用途	规格型号 Specification	螺距 Pitch (mm)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9												
			H	FE	L	T	A	φd													
外螺紋加工用 External thread processing	16VER	AG60 100ISO 150ISO 200ISO 250ISO 300ISO	0.5x0.3 1.0 1.5 2.0 2.5 3.0	- 0.7 1.0 1.3 1.5 1.6	0.07 0.07 0.11 0.14 0.18 0.22	16	3.05	9.525	4.0	●	●	●	●	●	●	●	●	●			
	22VER	400ISO 500ISO 600ISO	4.0 5.0 6.0	2.0 2.4 2.7	0.29 0.36 0.43					22	4.9	12.7	5.1	●	●	●	●	●	●	●	●
	27VER	V60 800ISO 10.0ISO	6.0x0.3 8.0 10.0	- - 1.0	0.87 - -									27	8.7	15.87	6.35	●	●	●	●

DIN103



用途 [VER]	规格型号 Specification	螺距 Pitch (mm)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9	CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
			H	FE	L	T	A	φd		
22VER	4.0TR	4.0	0.1	0.1	22	4.9	12.7	5.1	•	•
	5.0TR	5.0	0.1	0.1	22	4.9	12.7	5.1	•	•
	6.0TR	6.0	0.25	0.25	27	8.7	15.87	6.35	•	•
27VER	6.0TR	6.0	0.25	0.25	-	-	-	-	•	•
	7.0TR	7.0	0.25	0.25	-	-	-	-	•	•
	8.0TR	8.0	0.25	0.25	-	-	-	-	•	•
	9.0TR	9.0	0.25	0.25	-	-	-	-	•	•
	10.0TR	10.0	0.25	0.25	-	-	-	-	•	•
27VER	12.0TR	12.0	0.5	0.5	-	-	-	-	•	•

SVER

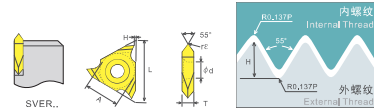
外螺纹车削
External Thread Turning

刀片 (Inserts): A51-A62/B73 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions						刀片 Insert	螺丝 Screw	压板 Clamp	双头螺钉 Screw	扳手 Wrench	Stock	Order Number	Price (RMB)
	h	b	L	L1	h1	f						R	L	
SVER/L 2020K22	20	20	125	28	20	25	22VER/L...	M4.5×14				•	•	232400
	25	25	150	30	25	30								
SVER/L 2525M27-6	25	25	150	35	25	30	27VER/L...	M6×20	HL1814	M10620		•	•	232404
	32	32	170	35	32	36								
3232P27-6	32	32	170	35	32	36						•	•	232408
	32	32	170	35	32	36								
3232P27-10	32	32	170	35	32	36						•	•	232410
	40	40	200	35	40	45								
4040R27-6	40	40	200	35	40	45						•	•	232412
	40	40	200	35	40	45								
4040R27-8	40	40	200	35	40	45						•	•	232414
	40	40	200	35	40	45								
4040R27-10	40	40	200	35	40	45						•	•	232416
	40	40	200	35	40	45								

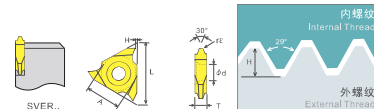
材料 Material	切削形态 Cutting Environment	一般切削 General Cutting	一般切削(第二推荐) General Cutting (Second recommend)	不稳定切削 Unstable Cutting	PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
P 钢	● 稳定切削	● 一般切削	● 一般切削(第二推荐)	● 不稳定切削	•
M 不锈钢	● 稳定切削	● 一般切削	● 一般切削(第二推荐)	● 不稳定切削	•
K 铸铁	● 稳定切削	● 一般切削	● 一般切削(第二推荐)	● 不稳定切削	•
N 铝/铜/镁/钛/塑料/木材	● 稳定切削	● 一般切削	● 一般切削(第二推荐)	● 不稳定切削	•
S 硬质合金/粉末冶金	● 稳定切削	● 一般切削	● 一般切削(第二推荐)	● 不稳定切削	•
H 钛/高温合金/碳纤维	● 稳定切削	● 一般切削	● 一般切削(第二推荐)	● 不稳定切削	•

英制 55°



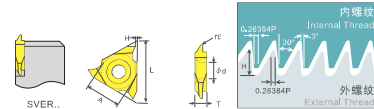
用途 [VER]	规格型号 Specification	螺距 Pitch (tpi)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9	CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
			H	FE	L	T	A	φd		
16VER	AG55	4#4	-	0.07	16	3.05	9.525	4.0	•	•
	V55	4-2.5	-	0.38	-	-	-	-	•	•
27VER	4W	4	-	-	27	8.7	15.87	6.35	•	•
	3W	3	-	-	-	-	-	-	•	•
27VER	2.5W	2.5	-	-	-	-	-	-	•	•

ACME



用途 [VER]	规格型号 Specification	螺距 Pitch (tpi)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9	CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
			H	FE	L	T	A	φd		
22VER	6ACME	6	0.2	0.25	22	4.3	12.7	5.1	•	•
	5ACME	5	0.2	0.2	-	-	-	-	•	•
27VER	3.5ACME	3.5	0.3	0.3	27	8.7	15.87	6.35	•	•
	3ACME	3	0.3	0.3	-	-	-	-	•	•

SAGE



用途 [VER]	规格型号 Specification	螺距 Pitch (mm)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9	CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
			H	FE	L	T	A	φd		
27VER	8.0 SAGE	8.0	0.8	0.7	8.7	15.87	6.35	-	•	•

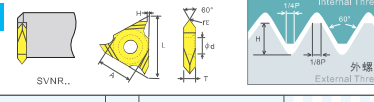
VNR

多种牙型
高效低阻力
螺纹刀片

螺纹应用领域：一般工业

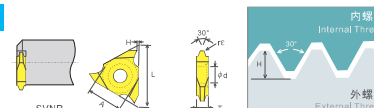
Thread Application: General Industry

公制 60°



用途 [VNR]	规格型号 Specification	螺距 Pitch (mm)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9	CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
			H	FE	L	T	A	φd		
16VNR	AG60	0.5x0.3	-	0.07	-	-	-	-	•	•
	100ISO	1.0	0.7	0.07	-	-	-	-	•	•
	150ISO	1.5	1.0	0.08	16	3.05	9.525	4.0	•	•
	200ISO	2.0	1.3	0.12	-	-	-	-	•	•
	250ISO	2.5	1.5	0.15	-	-	-	-	•	•
22VNR	400ISO	4.0	2.0	0.29	-	-	-	-	•	•
	500ISO	5.0	2.4	0.32	22	4.3	12.7	5.1	•	•
27VNR	V60	6.0x0.3	-	0.43	-	-	-	-	•	•
	800ISO	8.0	-	-	27	8.7	15.87	6.35	•	•
27VNR	10.0ISO	10.0	-	-	-	-	-	-	•	•

DIN103



用途 [VNR]	规格型号 Specification	螺距 Pitch (mm)	尺寸 Dimension (mm)						PCD CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9	CBN-K ZBN0 ZBN1 ZBN2 ZBN3 ZBN4 ZBN5 ZBN6 ZBN7 ZBN8 ZBN9
			H	FE	L	T	A	φd		
22VNR	4.0TR	4.0	0.1	0.1	22	4.9	12.7	5.1	•	•
	5.0TR	5.0	0.1	0.1	22	4.9	12.7	5.1	•	•
	6.0TR	6.0	0.25	0.25	27	8.7	15.87	6.35	•	•
27VNR	6.0TR	6.0	0.25	0.25	-	-	-	-	•	•
	7.0TR	7.0	0.25	0.25	-	-	-	-	•	•
	8.0TR	8.0	0.25	0.25	-	-	-	-	•	•
	9.0TR	9.0	0.25	0.25	-	-	-	-	•	•
	10.0TR	10.0	0.25	0.25	-	-	-	-	•	•
27VNR	12.0TR	12.0	0.5	0.5	-	-	-	-	•	•

SVNR

立装牙刀
Vertical内孔螺纹车削
Internal Thread Turning

刀片 (Inserts): A51-A62/B73 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions										Stock		Order Number	Price (RMB)	
	øD _{max}	ød	f	L	L1	H	W				R	L			
SVNR/L 0020Q16	24	20	13.6	180	20	18	3.65	16VNR/L...	M3.5×10	T15	●	●	231600	180	
	0025R16	29	25	16.1	200	20	23				3.65	●	●	231602	280
	0032S16	36	32	19.6	250	32	30				3.65	●	●	231604	450
SVNR/L 0025R22	32	25	17.5	200	20	23	4.76	22VNR/L...	M4.5×12	T20	●	●	231606	300	
	0032S22	39	32	21.0	250	30	4.76				●	●	231608	500	
SVNR/L 0032S27-6	41	32	22.5	250	32	30	6.4	27VNR/L...	M6.0×20	T20	●	●	231610	600	
	0040T27-6	50	40	28.5	300	40	38				6.4	●	●	231612	800
	0040T27-8	50	40	28.5	300	40	38				8.7	●	●	231614	800
	0040U27-10	50	40	28.5	350	40	38				-	●	●	231616	800
	0050U27-8	60	50	33.5	350	50	48				8.7	●	●	231618	1000
	0050U27-10	60	50	33.5	350	50	48				-	●	●	231620	1000

车削刀柄

CSV
凸轮车床刀具

DS
刀柄

正面排刀

Y轴刀柄

前
车削

后
车削

小径切槽
切断螺纹

小孔加工

滚花车花

焊接车刀
夹头

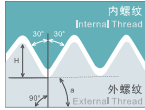
外圆车削

内孔车削

螺纹车削

切槽
切断

端面
切槽



螺纹应用领域：石油及天然气工业用螺纹
Thread Application: Threads for petroleum and natural gas industries

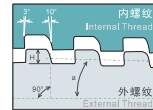
用途 Application	尺寸标示 Dimensioning	规格型号 Specification	螺距 Pitch (tpi)	尺寸 Dimension (mm)				CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K	CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K
				牙数	a	X	Y		
外螺纹 External thread		22ER 10APIRD-4 8APIRD-3	10 8	4 3	1.47 0.32	17.1 17.1		•	•

刀柄 (Toolholder): B78

材料 Material	切削形态: Cutting Environment	稳定切削 Stable Cutting	一般切削(第二推荐) General Cutting (Second recommendation)	不稳定切削 Unstable Cutting	一般切削 General Cutting	CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K
P 钢 M 不锈钢 K 铸铁 N 铝/铜/铁/塑料/木材 S 硬质合金/粉末冶金 H 钛/高温合金/碳纤维		●	●	●	●	●

用途 Application	尺寸标示 Dimensioning	规格型号 Specification	螺距 Pitch (tpi)	尺寸 Dimension (mm)				CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K	CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K
				牙数	a	X	Y		
内螺纹 Internal thread		22IR 10APIRD-4 8APIRD-3	10 8	4 3	1.47 0.32	17.1 17.1		•	•

刀柄 (Toolholder): B79-B80



刀片规格 Inserts	适用螺纹管规格 Applicable specification of threaded pipe
5BUT75 5BUT1	4-1/2"~13-3/8" 16"-20"



螺纹应用领域：石油梯形套管用螺纹
Thread Application: Thread for petroleum trapezoidal casing

用途 Application	尺寸标示 Dimensioning	规格型号 Specification	螺距 Pitch (tpi)	尺寸 Dimension (mm)				CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K	CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K
				牙数	a	X	Y		
外螺纹 External thread		22ER 5BUT75-2	5	2	0.75	2.05	16.8	•	•
内螺纹 Internal thread		27ER 5BUT75-3	5	3	0.75	2.46	21.9	•	•

刀柄 (Toolholder): B78

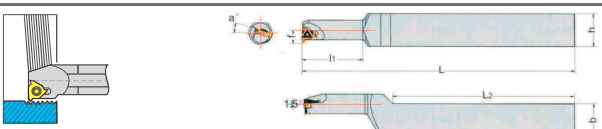
用途 Application	尺寸标示 Dimensioning	规格型号 Specification	螺距 Pitch (tpi)	尺寸 Dimension (mm)				CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K	CBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K ZBN-K
				牙数	a	X	Y		
外螺纹 External thread		22IR 5BUT75-2	5	2	0.75	1.14	16.8	•	•
内螺纹 Internal thread		27IR 5BUT75-3	5	3	0.75	2.46	21.9	•	•

刀柄 (Toolholder): B79-B80



四方柄
Square Shank

内孔螺纹车削
Internal Thread Turning



刀片 (Inserts): A51-A64 零配件 (Toolholder Parts): P01-P04

图示方向 (R) R-Type

刀把型号 Ordering code	尺寸 Dimensions								刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	øD _{mm}	ød	f	L	L1	h	b	α°				R	L		
SIR/L 0007M08-S20	10	7	5.3	150	22	20	20	15°	08IR/L...	M2.2×5.5	T6	●	●	231500	188
0008M08-S20	11	8	5.8	150	25	20	20					●	●	231502	188
0010M11-S20	12	10	7.4	150	31	20	20		11IR/L...	M2.5×6	T8	●	●	231504	188
0012P11-S20	15	12	8.4	170	37	20	20					●	●	231506	188
0013P16-S20	16	13	10.2	170	40	20	20		16IR/L...	M3.5×7	T15	●	●	231508	188
0016Q16-S20	19	16	11.7	180	49	20	20					●	●	231510	188
0007M08-S25	10	7	5.3	150	22	25	25		08IR/L...	M2.2×5.5	T6	●	●	231512	198
0008M08-S25	11	8	5.8	150	25	25	25					●	●	231514	198
0010M11-S25	12	10	7.4	150	31	25	25		11IR/L...	M2.5×6	T8	●	●	231516	198
0012M11-S25	15	12	8.4	150	37	25	25					●	●	231518	198
0016Q16-S25	19	16	11.7	180	49	25	25		16IR/L...	M3.5×7	T15	●	●	231520	198
0020R16-S25	24	20	13.7	200	61	25	25					●	●	231522	198
0020R22-S25	24	20	15.6	200	61	25	25		22IR/L	M4×12	T15	●	●	231524	298

PER...

杠杆锁紧式
Lever locking type

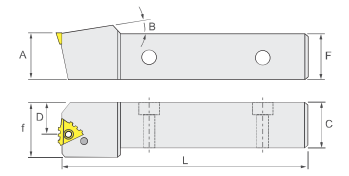


石油管外螺纹加工
Petroleum pipe external thread processing

杠杆 Lever	杠杆螺丝 Lever Screw	扳手 Wrench
L4-1	M6×18	PL30

刀片 (Inserts): A63-A64/B77 零配件 (Toolholder Parts): P01-P04

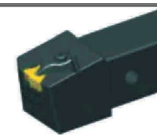
附注：E为刀具螺旋升角
Note: E is the tool helix angle



刀把型号 Ordering code	尺寸 Dimensions								加工范围 Processing Range	刀片 Insert	刀垫 Shim	Stock		Order Number	Price (RMB)
	L	f	A	B	C	D	E	F				R	L		
PER 2525-175-B17A	175	29	25	5°	25	21.5	70°	25	2-3/8"~3-1/2"	22ER10RD2-4	BE17	○	○	232250	1000
3232-175-B17A	175	38	32	5°	32	26.5	70°	32	4"-5-1/2"			○	○	232251	1300
3232-175-B17B	175	38	32	5°	32	26.5	50°	32	4"-5-1/2"			○	○	232252	1300
3232-175-B17C	175	38	32	5°	32	26.5	30°	32	6-5/8"~8-5/8"			○	○	232253	1300
3232-175-B17D	175	38	32	5°	32	26.5	15°	32	9-5/8"~13-3/8"	22ER8RD2-3	BE17	○	○	232254	1300
4040-175-B17D	175	40	40	5°	40	26.5	15°	40	9-5/8"~13-3/8"			○	○	232255	1500
3232-175-B17B-10	175	38	32	10°	32	25	60°	32	4-1/2"~6-5/8"			○	○	232256	1300
3232-175-B17C-10	175	38	32	10°	32	25	40°	32	7"-11-1/2"			○	○	232257	1300
3232-175-B17D-10	175	38	32	10°	32	25	20°	32	13-3/8"~20"	22ER5BU2-2	BE17	○	○	232258	1300
4040-175-B17D-10	175	40	40	10°	40	25	20°	40	13-3/8"~20"			○	○	232259	1500
3240-175-B23B-10	175	38	32	10°	32	25	60°	32	4-1/2"~6-5/8"	27ER5BU2-3	BE23	○	○	232260	1500
3240-175-B23C-10	175	38	32	10°	32	25	40°	32	7"-11-1/2"			○	○	232261	1500
3240-175-B23D-10	175	38	32	10°	32	25	20°	32	13-3/8"~20"			○	○	232262	1500
4040-175-B23D-10	175	40	40	10°	40	25	20°	40	13-3/8"~20"			○	○	232263	1500

TER...

压板锁紧式
Clamp locking type

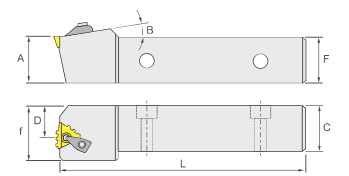


石油管外螺纹加工
Petroleum pipe external thread processing

压板 Clamp	压板螺丝 Clamp Screw	弹簧 Spring	刀垫螺丝 Shim Screw	弹性销 Pin	压板扳手 Clamp Wrench	刀垫扳手 Shim Wrench
CL2	M5×20	Ø7×11	M4×8	Ø2×10	PL30	T15

刀片 (Inserts): A63-A64/B77 零配件 (Toolholder Parts): P01-P04

附注：E为刀具螺旋升角
Note: E is the tool helix angle



刀把型号 Ordering code	尺寸 Dimensions								加工范围 Processing Range	刀片 Insert	刀垫 Shim	Stock		Order Number	Price (RMB)
	L	f	A	B	C	D	E	F				R	L		
TER 2525-175-B17A	175	29	25	5°	25	21.5	70°	25	2-3/8"~3-1/2"	22ER10RD2-4	TE17	○	○	232264	1000
3232-175-B17A	175	38	32	5°	32	26.5	70°	32	4"-5-1/2"			○	○	232265	1300
3232-175-B17B	175	38	32	5°	32	26.5	50°	32	4"-5-1/2"			○	○	232266	1300
3232-175-B17C	175	38	32	5°	32	26.5	30°	32	6-5/8"~8-5/8"			○	○	232267	1300
3232-175-B17D	175	38	32	5°	32	26.5	15°	32	9-5/8"~13-3/8"	22ER8RD2-3	TE17	○	○	232268	1300
4040-175-B17D	175	40	40	5°	40	26.5	15°	40	9-5/8"~13-3/8"			○	○	232269	1500
3232-175-B17B-10	175	38	32	10°	32	25	60°	32	4-1/2"~6-5/8"			○	○	232270	1300
3232-175-B17C-10	175	38	32	10°	32	25	40°	32	7"-11-1/2"			○	○	232271	1300
3232-175-B17D-10	175	38	32	10°	32	25	20°	32	13-3/8"~20"	22ER5BU2-2	TE17	○	○	232272	1300
4040-175-B17D-10	175	40	40	10°	40	25	20°	40	13-3/8"~20"			○	○	232273	1500
3240-175-B23B-10	175	38	32	10°	32	25	60°	32	4-1/2"~6-5/8"	27ER5BU2-3	TE23	○	○	232274	1500
3240-175-B23C-10	175	38	32	10°	32	25	40°	32	7"-11-1/2"			○	○	232275	1500
3240-175-B23D-10	175	38	32	10°	32	25	20°	32	13-3/8"~20"			○	○	232276	150

PNR...

杠杆锁紧式
Lever locking type石油管内螺纹加工
Petroleum pipe internal thread processing

刀片 (Inserts): A63-A64/B77 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							加工范围 Processing Range	刀片 Insert 	刀垫 Shim 	Stock		Order Number	Price (RMB)			
	L	f	A	B	C	D	E				R	L					
PNR 0040-205-B17A	205	26	80	40	100	42	70°	2-3/8"~3-1/2"	22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	BN17	☐	☐	231630	1500			
0050-220-B17A	220	26	90	50	105	42	70°				☐	☐	231631	1800			
0060-225-B17A	225	26	100	60	100	42	70°				☐	☐	231632	2000			
0080-280-B17A	280	26	150	80	105	42	70°				☐	☐	231633	2500			
0040-235-B17B	235	31	80	40	130	50	50°	4"~5-1/2"		22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	BN17	☐	☐	231634	1500		
0050-273-B17B	273	36	90	50	158	56	50°					☐	☐	231635	1800		
0060-273-B17B	273	36	90	60	158	56	50°					☐	☐	231636	2000		
0080-300-B17B	300	36	140	80	158	56	50°					☐	☐	231637	2500		
0060-278-B17C	278	36	100	60	158	56	30°	6-5/8"~8-5/8"			22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	BN17	☐	☐	231638	2000	
0080-318-B17C	318	36	140	80	158	56	30°						☐	☐	231639	2500	
0060-295-B17D	295	43	100	60	175	60	15°	9-5/8"~13-3/8"				22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	BN17	☐	☐	231640	2000
0080-335-B17D	335	43	140	80	175	60	15°							☐	☐	231641	2500
PNR 0050-273-B23B	273	36	90	50	158	56	50°	4"~5-1/2"	27IR5BU2-3 27IR8RD2-5				BN23	☐	☐	231642	1800
0060-273-B23B	255	36	90	60	158	56	50°							☐	☐	231643	2000
0080-300-B23B	300	36	140	80	158	56	50°							☐	☐	231644	2500
0060-278-B23C	278	36	100	60	158	56	30°							6-5/8"~8-5/8"	☐	☐	231645
0080-318-B23C	318	36	140	80	158	56	30°	☐		☐			231646		2500		
0060-295-B23D	295	43	100	60	175	60	15°	9-5/8"~13-3/8"		☐			☐		231647	2000	
0080-335-B23D	335	43	140	80	175	60	15°			☐			☐		231648	2500	

TNR...

压板锁紧式
Clamp locking type石油管内螺纹加工
Petroleum pipe internal thread processing

刀片 (Inserts): A63-A64/B77 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							加工范围 Processing Range	刀片 Insert 	刀垫 Shim 	Stock		Order Number	Price (RMB)						
	L	f	A	B	C	D	E				R	L								
TNR 0040-205-B17A	205	26	80	40	100	42	70°	2-3/8"~3-1/2"	22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	TN17			231649	1500						
0050-220-B17A	220	26	90	50	105	42	70°						231650	1800						
0060-225-B17A	225	26	100	60	100	42	70°						231651	2000						
0080-280-B17A	280	26	150	80	105	42	70°						231652	2500						
0040-235-B17B	235	31	80	40	130	50	50°	4"~5-1/2"		22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	TN17			231653	1500					
0050-273-B17B	273	36	90	50	158	56	50°							231654	1800					
0060-273-B17B	273	36	90	60	158	56	50°							231655	2000					
0080-300-B17B	300	36	140	80	158	56	50°							231656	2500					
0060-278-B17C	278	36	100	60	158	56	30°	6-5/8"~8-5/8"			22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	TN17			231657	2000				
0080-318-B17C	318	36	140	80	158	56	30°								231658	2500				
0060-295-B17D	295	43	100	60	175	60	15°	9-5/8"~13-3/8"					22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	TN17			231659	2000		
0080-335-B17D	335	43	140	80	175	60	15°										231660	2500		
TNR 0050-273-B23B	273	36	90	50	158	56	50°	4"~5-1/2"	27IR5BU2-3 27IR8RD2-5			TN23					231661	1800		
0060-273-B23B	255	36	90	60	158	56	50°										231662	2000		
0080-300-B23B	300	36	140	80	158	56	50°									231663	2500			
0060-278-B23C	278	36	100	60	158	56	30°	6-5/8"~8-5/8"						27IR5BU2-3 27IR8RD2-5	TN23			231664	2000	
0080-318-B23C	318	36	140	80	158	56	30°										231665	2500		
0060-295-B23D	295	43	100	60	175	60	15°	9-5/8"~13-3/8"		27IR5BU2-3 27IR8RD2-5						TN23			231666	2000
0080-335-B23D	335	43	140	80	175	60	15°												231667	2500

PNR...

杠杆锁紧式
Lever locking type石油管内螺纹加工
Petroleum pipe internal thread processing

刀片 (Inserts): A63-A64/B77 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							加工范围 Processing Range	刀片 Insert 	刀垫 Shim 	Stock	Order Number	Price (RMB)				
	L	f	A	B	C	D	E				G	R	L				
PNR 2538-285-B17A	285	26	160	38	105	25	70°	62	2-3/8"~3-1/2"	22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	BN17	o	o	231668	1500		
3249-285-B17A	285	26	160	49	105	32	70°	62				o	o	231669	1500		
3249-335-B17B	335	31	180	49	130	32	50°	74.3				o	o	231670	1800		
3655-335-B17B	335	31	180	55	130	36	50°	77.2				o	o	231671	1800		
3249-363-B17C	363	36	180	49	158	32	30°	74.3	6-5/8"~8-5/8"		22IR5BU2-2	BN17	o	o	231672	2000	
3655-378-B17C	378	36	200	55	163	36	30°	82					o	o	231673	2000	
3249-400-B17D	400	52	280	49	158	32	30°	74.3	9-5/8"~13-3/8"		22IR5BU2-2	BN17	o	o	231674	2500	
4055-400-B17D	400	52	200	55	163	40	15°	82					o	o	231675	2500	
PNR 3249-335-B23B	335	31	180	49	130	32	50°	74.3	4"~5-1/2"	27IR5BU2-3 27IR8RD2-5	BN23	o	o	231676	1800		
3655-335-B23B	335	31	180	55	130	36	50°	77.2				o	o	231677	1800		
3249-363-B23C	363	36	180	49	158	32	30°	74.3				o	o	231678	2000		
3655-378-B23C	378	36	200	55	163	36	30°	82				o	o	231679	2000		
3249-400-B23D	400	52	280	49	158	32	30°	74.3	9-5/8"~13-3/8"			27IR8RD2-5	BN23	o	o	231680	2500
4055-400-B23D	400	52	200	55	163	40	15°	82						o	o	231681	2500

TNR...

压板锁紧式
Clamp locking type石油管内螺纹加工
Petroleum pipe internal thread processing

刀片 (Inserts): A63-A64/B77 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions								加工范围 Processing Range	刀片 Insert 	刀垫 Shim 	Stock		Order Number	Price (RMB)	
	L	f	A	B	C	D	E	G				R	L			
TNR 2538-285-B17A	285	26	160	38	105	25	70°	62	2-3/8"~3-1/2"	22IR10RD2-4 22IR8RD2-3 22IR5BU2-2	TN17	o	o	231681	1500	
2538-285-B17A	285	26	160	49	105	32	70°	62				o	o	231682	1500	
3249-335-B17B	335	31	180	49	130	32	50°	74.3	o			o	231683	1800		
3655-335-B17B	335	31	180	55	130	36	50°	77.2	o			o	231684	1800		
3249-363-B17C	363	36	180	49	158	32	30°	74.3	6-5/8"~8-5/8"		TN17	o	o	231685	2000	
3655-378-B17C	378	36	200	55	163	36	30°	82				o	o	231686	2000	
3249-400-B17D	400	52	280	49	158	32	30°	74.3	9-5/8"~13-3/8"		TN17	o	o	231687	2500	
4055-400-B17D	400	52	200	55	163	40	15°	82				o	o	231688	2500	
TNR 3249-335-B23B	335	31	180	49	130	32	50°	74.3	4"~5-1/2"	27IR5BU2-3 27IR8RD2-5	TN23	o	o	231689	1800	
3655-335-B23B	335	31	180	55	130	36	50°	77.2				o	o	231690	1800	
3249-363-B23C	363	36	180	49	158	32	30°	74.3	6-5/8"~8-5/8"			TN23	o	o	231691	2000
3655-378-B23C	378	36	200	55	163	36	30°	82					o	o	231692	2000
3249-400-B23D	400	52	280	49	158	32	30°	74.3	9-5/8"~13-3/8"		TN23	o	o	231693	2500	
4055-400-B23D	400	52	200	55	163	40	15°	82				o	o	231699	2500	