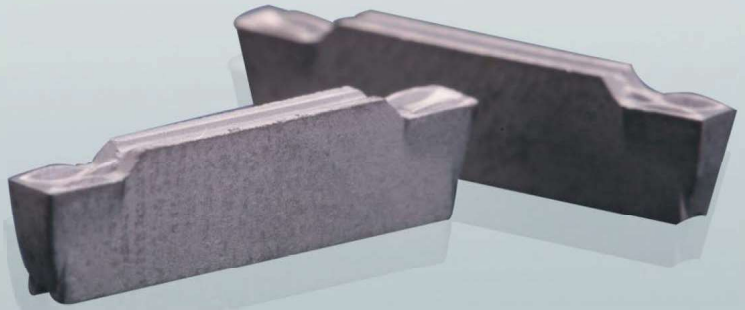
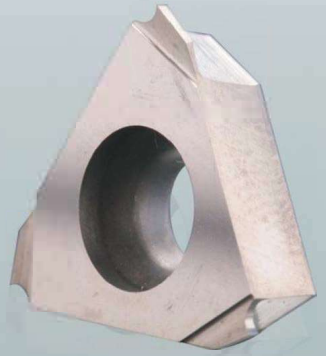
切槽刀片 D
GROOVING INSERT









型号说明 Vardex Ordering Code System

16	L	I	R	1.1	–	D472	–	1.3	SMX30
1	2	3	4	5	6	7		8	9

1 刀片尺寸
IC=08
IC=11
IC=16
IC=22
IC=27

2 刀片形状
S:型
L:型

3 刀片类型
E=外径
I=内径

4 左/右手刀片
R-右手刀片
L-左手刀片

5 切槽刀标准宽度
0.8-2.15（mm）

6 外型型式
C-全齿型

7 槽形标准
DIN 471 Partial
DIN 471
DIN 472Partial
DIN 472
DIN 7993Partial
DIN 7993
DIN 76 ST, DIN 76SH
DIN 3770

8 切槽深度
0.33-2.0（mm）

9 刀片牌号
SMX30
SMX35
SMM50

16	L	I	R	1.1	–	D472	–	1.3	SMX30
1	2	3	4	5	6	7		8	9

1 Insert Size
IC=08
IC=11
IC=16
IC=22
IC=27

2 Insert Style
S: type
L: type

3 Type of Insert
E:External Thread
I:Internal Thread

4 Hand of Insert
R:Right-hand
L:Left-hand

5 Groove std Width
0.8-2.15（mm）

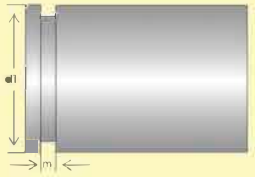
6 Type of Insert
C-The whole toothType

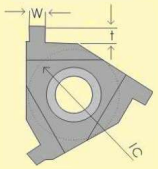
7 Groove Standard
DIN 471 Partial
DIN 471
DIN 472Partial
DIN 472
DIN 7993Partial
DIN 7993
DIN 76 ST, DIN 76SH
DIN 3770

8 Groove Depth
0.33-2.0（mm）

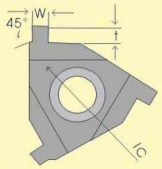
9 Garbide grade
SMX30
SMX35
SMM50

DIN471 标准轴用弹性挡圈槽
DIN471 Retaining Ring Groovers for shafts





范围型
partial profile

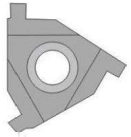


全齿型
Full profile

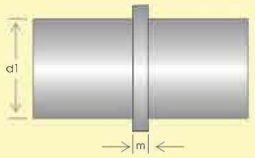
标准型刀片（范围型）
Standard （partial profile）

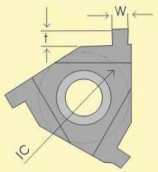
刀片尺寸 IC	订货号 Ordering code	槽标准 Groove Std M (H13)	尺寸Size (mm) W	t	图例 Diagram
3/8	16ER1.10-D471-1.30...	1.10	1.19	1.3	
	16ER1.13-D471-1.50...	1.30	1.39	1.5	
	16ER1.16-D471-1.85...	1.60	1.69	1.8	
	16ER1.85-D471-2.00...	1.85	1.94	2.0	

标准型刀片（全齿型）
Standard （Full profile）

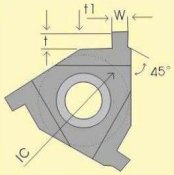
刀片尺寸 IC	订货号 Orderingcode	槽标准 Groove Std M (H13)	d1	尺寸Size (mm) W	t1	t	图例 Diagram
3/8	16ER1.10-D471-0.35...	1.10	15	1.10	0.33	0.33	
	16ER1.10-D471-0.40...	1.10	16-17	1.10	0.36	0.36	
	16ER1.30-D471-0.50...	1.30	18-22	1.30	0.44	0.44	
	16ER1.30-D471-0.55...	1.30	24-26	1.30	0.45	0.45	
	16ER1.60-D471-0.70...	1.60	28-30	1.60	0.60	0.60	
	16ER1.60-D471-0.85...	1.60	32-34	1.60	0.75	0.75	
	16ER1.60-D471-1.00...	1.60	35	1.60	0.85	0.85	
	16ER1.85-D471-1.00...	1.85	36-38	1.85	0.85	0.85	
	16ER1.85-D471-1.25...	1.85	40-48	1.85	1.10	1.10	
	16ER2.15-D471-1.50...	2.15	50-63	2.15	1.35	1.35	

DIN471 标准轴用弹性挡圈槽
DIN471 Retaining Ring Groovers for shafts



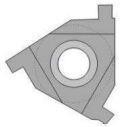


范围型
partial profile

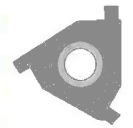


范围型
Full profile

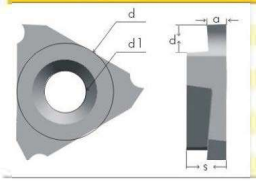
标准型刀片（范围型）
Standard （partial profile）

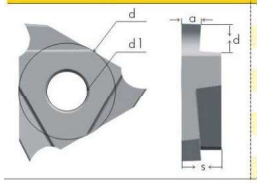
刀片尺寸 IC	订货号 Ordering code	槽标准 Groove Std M (H13)	尺寸Size (mm) W	t	图例 Diagram
3/8	16IR1.10-D472-1.30...	1.10	1.19	1.3	
	16IR1.13-D472-1.50...	1.30	1.39	1.5	
	16IR1.16-D472-1.85...	1.60	1.69	1.8	
	16IR1.85-D472-2.00...	1.85	1.94	2.0	

标准型刀片（全齿型）
Standard （Full profile）

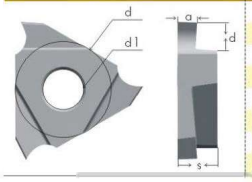
刀片尺寸 IC	订货号 Ordering code	槽标准 Groove Std M (H13)	d1	尺寸Size (mm) W	t1	t	图例 Diagram
3/8	16IR1.10-D472-0.35...	1.10	15	1.10	0.33	0.33	
	16IR1.10-D472-0.40...	1.10	16-17	1.10	0.36	0.36	
	16IR1.30-D472-0.50...	1.30	18-22	1.30	0.44	0.44	
	16IR1.30-D472-0.55...	1.30	24-26	1.30	0.45	0.45	
	16IR1.60-D472-0.70...	1.60	28-30	1.60	0.60	0.60	
	16IR1.60-D472-0.85...	1.60	32-34	1.60	0.75	0.75	
	16IR1.60-D472-1.00...	1.60	35	1.60	0.85	0.85	
	16IR1.85-D472-1.00...	1.85	36-38	1.85	0.85	0.85	
	16IR1.85-D472-1.25...	1.85	40-48	1.85	1.10	1.10	
	16IR2.15-D472-1.50...	2.15	50-63	2.15	1.35	1.35	

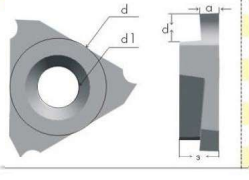
立装外切槽刀片External Grooving Inserts（V-Style）

图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	16VEL1.10	1.10	0.9	9.525	4.4	3.97
	16VEL1.30	1.30	1.3	9.525	4.4	3.97
	16VEL1.80	1.60	1.4	9.525	4.4	3.97
	16VEL1.85	1.85	1.7	9.525	4.4	3.97
	16VEL2.15	2.15	2.0	9.525	4.4	3.97
	16VEL2.65	2.65	2.2	9.525	4.4	3.97

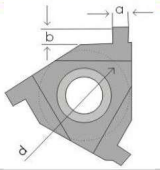
图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	16VER1.10	1.10	0.9	9.525	4.4	3.97
	16VER1.30	1.30	1.3	9.525	4.4	3.97
	16VER1.80	1.60	1.4	9.525	4.4	3.97
	16VER1.85	1.85	1.7	9.525	4.4	3.97
	16VER2.15	2.15	2.0	9.525	4.4	3.97
	16VER2.65	2.65	2.2	9.525	4.4	3.97

立装内切槽刀片 Grving inserts（V-style）

图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	11VIL1.10	1.10	1.5	6.350	2.8	2.38
	11VIL1.30	1.30	1.5	6.350	2.8	3.97
	16VIL1.10	1.10	0.9	9.525	4.4	3.97
	16VIL1.30	1.30	1.3	9.525	4.4	3.97
	16VIL1.80	1.60	1.4	9.525	4.4	3.97
	16VIL1.85	1.85	1.7	9.525	4.4	3.97
	16VIL2.15	2.15	2.0	9.525	4.4	3.97
	16VIL2.65	2.65	2.2	9.525	4.4	3.97

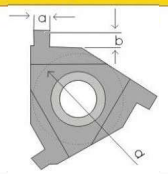
图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	11VIR1.10	1.10	1.5	6.350	2.8	2.38
	11VIR1.30	1.30	1.5	6.350	2.8	3.97
	16VIR1.10	1.10	0.9	9.525	4.4	3.97
	16VIR1.30	1.30	1.3	9.525	4.4	3.97
	16VIR1.80	1.60	1.4	9.525	4.4	3.97
	16VIR1.85	1.85	1.7	9.525	4.4	3.97
	16VIR2.15	2.15	2.0	9.525	4.4	3.97
	16VIR2.65	2.65	2.2	9.525	4.4	3.97

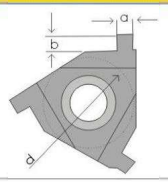
平装切槽刀片Internal groving inserts（Standard style）

图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	16EL1.10	1.10	0.9	9.525	4.4	3.97
	16EL1.30	1.30	1.3	9.525	4.4	3.97
	16EL1.80	1.60	1.4	9.525	4.4	3.97
	16EL1.85	1.85	1.7	9.525	4.4	3.97
	16EL2.15	2.15	2.0	9.525	4.4	3.97
	16EL2.65	2.65	2.2	9.525	4.4	3.97

图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	16ER1.10	1.10	0.9	9.525	4.4	3.97
	16ER1.30	1.30	1.3	9.525	4.4	3.97
	16ER1.80	1.60	1.4	9.525	4.4	3.97
	16ER1.85	1.85	1.7	9.525	4.4	3.97
	16ER2.15	2.15	2.0	9.525	4.4	3.97
	16ER2.65	2.65	2.2	9.525	4.4	3.97

平装切槽刀片Internal groving inserts（Standard style）

图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	11IL1.10	1.10	0.7	6.35	2.8	2.38
	16IL1.10	1.10	1.3	9.525	4.4	3.97
	16IL1.30	1.30	1.6	9.525	4.4	3.97
	16IL1.60	1.60	1.85	9.525	4.4	3.97
	16IL1.85	1.85	1.85	9.525	4.4	3.97
	16IL2.15	2.15	1.85	9.525	4.4	3.97

图例 Diagram	型号 Order NO.	尺寸Size (mm)				
		a	b	d	d1	s
	11IR1.10	1.10	0.7	6.35	2.8	2.38
	16IR1.10	1.10	1.3	9.525	4.4	3.97
	16IR1.30	1.30	1.6	9.525	4.4	3.97
	16IR1.60	1.60	1.85	9.525	4.4	3.97
	16IR1.85	1.85	1.85	9.525	4.4	3.97
	16IR2.15	2.15	1.85	9.525	4.4	3.97