

■ Pulley Grooving Inserts 皮带轮刀片

■ Insert Types 刀片类别

V		M		L		T	 
Type V - 1 Cutting Edge 单齿皮带轮刀片		Type M - 1 Cutting Edges 单齿皮带轮刀片		Type T - 2 Cutting Edges 双齿皮带轮刀片		Type T - 3 & Multiple Cutting Edges 三齿及多齿皮带轮刀片	

■ Descriptions of Insert Numbers 皮带轮刀片型号编制说明

PDL	V	N	16	04	2	2	40	356	R41	R32	(B09)
1	2	3	4	5	6	7	8	9	10	11	12

1- Insert Application 刀片用途

PDL - Pulley Grooving Insert 皮带轮刀片

6- Number of Cutting Edges 刃数

7- Number of teeth 齿数

8- 牙型角

9- Tooth Pitch 齿距

10- Corner Radius 刀尖圆角

11- 刀片齿底圆弧角

2- Insert Shapes 刀片形状

V	M	L	T

3- Flank Angle / Clearance Angle 刀片后角

N	B	P

4- Inscribed Circle or Insert Width 刀片内切圆或宽度

代号	V	T	L	M
04				4
08			8	7.58
11	6.35			
16	9.525	9.525		
22	12.7	12.7		
27	15.875	15.875		

12- Insert & Coated Carbides 刀片及涂层材料

(B20) - Machining of Free Cutting Steel 加工易切削钢

(B09) - Machining of Casting Parts 加工铸件

(B00) - Machining of Aluminum Alloyed Parts 加工铝件

5- Insert Thickness 刀片厚度

T3	04	05	06	07	08
3.97	4.76	5.5	6.35	7.8	8.8



■ Pulley Grooving Inserts 皮带轮刀片

■ Descriptions of Tool-holder Numbers 皮带轮刀杆型号说明

M	PDL	L	N	-	2	40	25	25	Q	08	356
1	2	3	4	-	5	6	7	8	9	10	11

1. Method of Holding 压紧方式:

M	S	D
Double Clamp Type 压板压紧	Screw-on Type 螺钉压紧	Clamp-on Type 压板压拉固定

2. Application of tool-holder 刀杆用途

PDL - Pulley Grooving Insert 皮带轮刀片

3- Insert Shapes 刀片形状

V	M	L	T

4- Flank Angle / Clearance Angle 刀片后角

N	B	P

5- Number of teeth 刀片齿数

6- Shape of Tool-holder 刀杆形状

7- Height of Tool-holder 刀杆中心高

8- Width of Tool-holder 刀杆宽度

11. Tooth Pitch 齿距: 3.56 / 2.34 / 4.7

10- Inscribed Circle or Insert Width 刀片内切圆或宽度

Code 代号	V	T	L	M
04				4
08		8	8	
12		12		
15		15		
16	9.525			
19		19		
22		22		

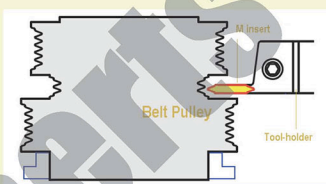
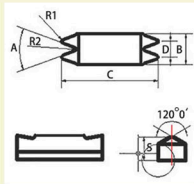
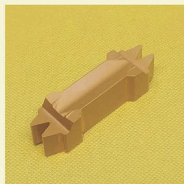
9- Tool-holder Length 刀杆长度

F	G	H	J	K	L	M	N	P	Q	R	S
80	90	100	110	125	140	150	160	170	180	200	250

■ Pulley Grooving Inserts 皮带轮刀片

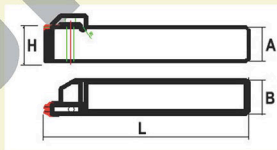
■ M-type Pulley Grooving Inserts – 1 cutting edge M 型单齿皮带轮刀片

Insert Type 类型	Shape 刀片图例	Tooth/Teeth 齿数	Performances 使用特点
M		1	刀杆为常规数控刀杆, 加工阻力小, 在加工深槽时能有效避开干涉。 - Tool-holder is general type for CNC inserts. - M type inserts have advantage of small cutting force. - This insert avoids machining interference when making deeper grooves.



Insert Numbers 型号	Dimensions 尺寸						
	A	B	C	D	S	R1	R2
PDLMN04041-40356	40	4	22	3.56	4.76	0.4	0.3
PDLMN04041-40234	40	4	22	2.34	4.76	0.2	0.3
PDLMN08082-40356	40	7.58	25	3.56	8.8	0.4	0.3
PDLMN08083-40234	40	7.58	25	2.34	8.8	0.2	0.3

■ Tool-holders for M-type Inserts M 型单齿皮带轮刀杆



Tool-holder Numbers 型号	Dimensions 尺寸			
	A	B	L	H
MPDLMN1-40356M04	40	4	150	3.56
DPDLMN1-40234M04	40	4	150	2.34
MPDLMN2-40356M08	40	7.58	150	3.56
DPDLMN3-40234M08	40	7.58	150	2.34