

Profile Milling

MPA100

Arbor

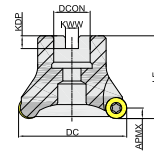


Fig1

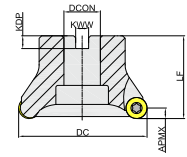


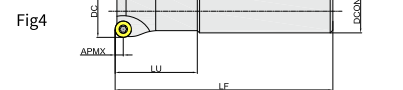
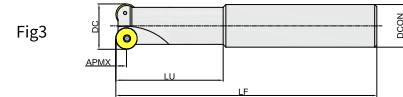
Fig2

Ordering Code	Dia-meter	Teeth	Dimension(mm)					APMX	Suitable for	Coolant	Clamp	Shape	Stock
			DC	DCON	LF	KWW	KDP						
MPA100040R05A16RD08	40	5	40	16	40	8.4	6.3	4	RD**0803	×	×	Fig1	●
MPA100050R04A22RD10	50	4	50	22	50	10.4	6.3	5	RD**10T3	×	✓	Fig1	●
MPA100050R04A22RD12	50	4	50	22	50	10.4	6.3	6	RD**1204	×	✓	Fig1	●
MPA100050R05A22RD12	50	5	50	22	50	10.4	6.3	6	RD**1204	×	✓	Fig1	●
MPA100063R04A22RD16	63	4	63	22	50	10.4	6.3	8	RD**1604	×	×	Fig1	●
MPA100063R05A22RD12	63	5	63	22	50	10.4	6.3	6	RD**1204	×	✓	Fig1	●
MPA100080R05A27RD16	80	5	80	27	50	12.4	7	8	RD**1604	×	×	Fig1	●
MPA100100R06B32RD16	100	6	100	32	50	14.4	8	8	RD**1604	×	×	Fig2	●
MPA100125R07B40RD16	125	7	125	40	63	16.4	9	8	RD**1604	×	×	Fig2	●

● Stock ○ Available Upon Order

MPA100

Cylindrical Straight Type



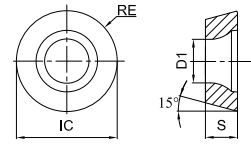
Ordering Code	Dia-meter	Teeth	Dimension(mm)				APMX	Suitable for	Coolant	Clamp	Shape	Stock
			DC	DCON	LF	LU						
MPA100010R02P16RD05	10	2	10	16	120	40	2.5	RD**0501	×	×	Fig3	●
MPA100012R02P16RD05	12	2	12	16	120	40	2.5	RD**0501	×	×	Fig3	●
MPA100016R02P16RD07	16	2	16	16	160	50	3.5	RD**0702	×	×	Fig3	●
MPA100017R02P16RD08	17	2	17	16	160	50	4	RD**0803	×	×	Fig4	●
MPA100020R02P20RD08	20	2	20	20	160	50	4	RD**0803	×	×	Fig3	●
MPA100020R02P20RD10	20	2	20	20	160	50	5	RD**10T3	×	✓	Fig3	●
MPA100025R02P20RD10	25	2	25	20	160	50	5	RD**10T3	×	✓	Fig4	●
MPA100032R02P32RD12	32	2	32	32	200	60	6	RD**1204	×	✓	Fig3	●
MPA100032R02P32RD16	32	3	32	32	200	65	8	RD**1604	×	×	Fig3	●
MPA100032R03P32RD12S	32	3	32	32	160	50	6	RD**1204	×	✓	Fig3	●
MPA100032R03P32RD12	32	3	32	32	200	60	6	RD**1204	×	✓	Fig3	●
MPA100035R02P32RD16	35	2	35	32	200	65	8	RD**1604	×	×	Fig4	●

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Profile Milling

RD

Profile Milling Inserts (Positive)



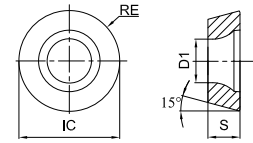
Ordering Code	Dimension(mm)				Coating Grade										Uncoated	Cermet			
	IC	S	RE	D1	GA4225	GA4230	GA4325	GA4330	GP4225	GP2115	GM4135	GM2140	GK4125	GK2115			GS4130	GH4115	GN9125
	RDET0803M0-BL	8	3.18	4	2.9	○	○	○											
	RDET1003M0-BL	10	3.18	5	4.4			○	○										
	RDET10T3M0-BL	10	3.97	5	4.4	○	○	○	○										
	RDET1204M0-BL	12	4.76	6	4.4			○	○	○									
	RDET1604M0-BL	16	4.76	8	5.5	●		○	●										
	RDET0802M0-GM	8	2.38	4	2.9	●	○	●	○	○									
	RDET0803M0-GM	8	3.18	4	2.9			○	○	○									
	RDET1003M0-GM	10	3.18	5	4.4			○	○	○									
	RDET10T3M0-GM	10	3.97	5	4.4	●	●	●	●	○		○			○				
	RDET1204M0-GM	12	4.76	6	4.4	○	●	○	●						●				
	RDET1604M0-GM	16	4.76	8	5.5	○	●	○	●	○									
	RDEW0501M0	5	1.51	2.5	2.2	●	●	●	●	●									
	RDEW0702M0	7	2.38	3.5	2.8	●	●	●	●	●									●
	RDEW1003M0	10	3.18	5	4.4	●		●	○										
	RDEW0702M0T	7	2.38	3.5	2.8	●	●	●	●	●									
	RDEW0803M0T	8	3.18	4	2.9	○	○	○	○	●									
	RDEW1003M0T	10	3.18	5	4.6	●	●	●	●				●						
	RDEW10T3M0T	10	3.97	5	4.4	●	●	●	○	○									
	RDEW1204M0T	12	4.76	6	4.4	●	●	●	●	○									
	RDEW1604M0T	16	4.76	8	5	○	○	○	○										
	RDEW1606M0T	16	6.35	8	5.5			○											
	RDEW12T3M0T-BM	12	3.97	6	4.4	○	●	●	●										
	RDEW1204M0T-BM	12	4.76	6	4.4		●	○	●	○									
	RDEW1204M0T-PM	12	4.82	6	4.4	○	○	●	○										
	RDEW1605M0T-PM	16	5.66	8	5.5	○	○	○	○										





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Profile Milling Inserts (Positive)



Ordering Code	Dimension(mm)				Coating Grade											Uncoated	Cemet	
	IC	S	RE	D1	GA4225	GA4230	GA4325	GA4330	GP4225	GP2115	GM4135	GM2140	GK4125	GK2115	GS4130			GH4115
	RDMT10T3M0-GM	10	3.97	5	4.4	●	●	●	●	●	○	○	●	●				
	RDMT1204M0-GM	12	4.76	6	4.4	●	●	●		●			●	●	●			
	RDMW1204M0T-BM	12	4.76	6	4.4	●	●	●	●	●			●	●				
	RDMW1605M0T-BM	16	5.56	8	5.5	●	●	●	●	●								
	RDMW10T3M0T	10	3.97	5	4.4	●	●	●	●	●			○					○
	RDMW1604M0T	16	4.76	8	5.5	●	●	●	●	●			○					
	RDMW1204M0T-PM	12	4.76	6	4.4	●		●	○	●								

● Stock ○ Available Upon Order

RD Series Geometry

Light Cutting for General Material	Medium Cutting for General Material	Heavy Cutting for General Material	
			
BL	GM	None/BM/PM	
			
<p>Large rake angle design, sharp edge.</p>	<p>Suitable edge width and rake angle design, has good strength and sharpness.</p>	<p>Flat design, better edge strength.</p>	