

**One Stop For Your Complete Tooling Solution...**



**[www.cargo.org.in](http://www.cargo.org.in)**

# GENERAL TURNING INSERT FOR CAST IRON

## ▪ Negative Insert

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE RECOMMENDED	
			SIZE	ΦLC	S	Φd	R	CO15C	CO15CH
		TNMA	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		TNMG-U	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		TNMG-GH	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		CNMA	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		CNMG-U	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		WNMA	060404,	9.525	4.76	3.81	0.4	•	◊
			060408,	9.525	4.76	3.81	0.8	•	◊
			060412,	9.525	4.76	3.81	1.2	•	◊
			080404,	12.7	4.76	5.16	0.4	•	◊
			080408,	12.7	4.76	5.16	0.8	•	◊
			080412,	12.7	4.76	5.16	1.2	•	◊
		WNUMG-U	080404,	12.7	4.76	5.16	0.4	•	◊
			080408,	12.7	4.76	5.16	0.8	•	◊
			080412,	12.7	4.76	5.16	1.2	•	◊
			120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		SNMA	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		SNMG-U	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		DNMA	110404	9.525	4.76	3.81	0.4	•	◊
			110408	9.525	4.76	3.81	0.8	•	◊
			110412	9.525	4.76	3.81	1.2	•	◊
			150604	12.7	6.35	5.16	0.4	•	◊
			150608	12.7	6.35	5.16	0.8	•	◊
			150612	12.7	6.35	5.16	1.2	•	◊
			160404	9.525	4.76	3.81	0.4	•	◊
		VNMA	160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
			160404	9.525	4.76	3.81	0.4	•	◊
		VNUMG-U	160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

# GENERAL TURNING INSERT FOR STEEL

## ▪ Negative Insert

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE RECOMMENDED	
			SIZE	ΦLC	S	Φd	R	CO25S	CO05S
		TNMG-MD	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		TNMG-TM	160404	9.525	4.76	3.81	0.4	•	•
			160408	9.525	4.76	3.81	0.8	•	•
			160412	9.525	4.76	3.81	1.2	•	•
		TNMG-FW/FWS/FW-1	160404	9.525	4.76	3.81	0.4	•	•
			160408	9.525	4.76	3.81	0.8	•	•
			160412	9.525	4.76	3.81	1.2	•	•
		CNMG-TM	120404	12.7	4.76	5.16	0.4	•	•
			120408	12.7	4.76	5.16	0.8	•	•
			120412	12.7	4.76	5.16	1.2	•	•
		CNMG-FW/FWS/FW-1	120404	12.7	4.76	5.16	0.4	•	•
			120408	12.7	4.76	5.16	0.8	•	•
			120412	12.7	4.76	5.16	1.2	•	•
		WNUMG-MD	060404,	9.525	4.76	3.81	0.4	•	•
			060408,	9.525	4.76	3.81	0.8	•	•
			060412,	9.525	4.76	3.81	1.2	•	•
			080404,	12.7	4.76	5.16	0.4	•	•
			080408,	12.7	4.76	5.16	0.8	•	•
			080412,	12.7	4.76	5.16	1.2	•	•
		WNUMG-TM	080404,	12.7	4.76	5.16	0.4	•	•
			080408,	12.7	4.76	5.16	0.8	•	•
			080412,	12.7	4.76	5.16	1.2	•	•
			080404,	12.7	4.76	5.16	0.4	•	•
			080408,	12.7	4.76	5.16	0.8	•	•
			080412,	12.7	4.76	5.16	1.2	•	•
	WNUMG-FW/FWS/FW-1	080404,	12.7	4.76	5.16	0.4	•	•	
		080408,	12.7	4.76	5.16	0.8	•	•	
		080412,	12.7	4.76	5.16	1.2	•	•	
		160404	9.525	4.76	3.81	0.4	•	•	
		160408	9.525	4.76	3.81	0.8	•	•	
		160412	9.525	4.76	3.81	1.2	•	•	
		VNUMG-TM	160404	9.525	4.76	3.81	0.4	•	•
			160408	9.525	4.76	3.81	0.8	•	•
			160412	9.525	4.76	3.81	1.2	•	•
		VNUMG-MD	160404	9.525	4.76	3.81	0.4	•	•
			160408	9.525	4.76	3.81	0.8	•	•
			160412	9.525	4.76	3.81	1.2	•	•
		DNMG-TM	150604	12.7	6.35	5.16	0.4	•	•
			150608	12.7	6.35	5.16	0.8	•	•
			150612	12.7	6.35	5.16	1.2	•	•
		DNMG-PM	150604	12.7	6.35	5.16	0.4	•	•
			150608	12.7	6.35	5.16	0.8	•	•
			150612	12.7	6.35	5.16	1.2	•	•

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

## GENERAL TURNING INSERT FOR STAINLESS STEEL

### ▪ Negative Insert

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE RECOMMENDED	
			SIZE	ΦLC	S	Φd	R	CO25SS/H	CO05SS
		TNMG-U	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		TNMG-MFC	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		TNMG-KM	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		TNMG-CM	160404	9.525	4.76	3.81	0.4		•
			160408	9.525	4.76	3.81	0.8		•
			160412	9.525	4.76	3.81	1.2		•
		CNMG-U	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		CNMG-MFC	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		CNMG-KM	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		WNMG-U	080404,	12.7	4.76	5.16	0.4	•	◊
			080408,	12.7	4.76	5.16	0.8	•	◊
			080412,	12.7	4.76	5.16	1.2	•	◊
		WNMG-MFC	080404,	12.7	4.76	5.16	0.4	•	◊
			080408,	12.7	4.76	5.16	0.8	•	◊
			080412,	12.7	4.76	5.16	1.2	•	◊
		WNMG-KM	080404,	12.7	4.76	5.16	0.4	•	◊
			080408,	12.7	4.76	5.16	0.8	•	◊
			080412,	12.7	4.76	5.16	1.2	•	◊
		VNMG-U	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		VNMG-MFC	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		DNMG-MFC	150604	12.7	6.35	5.16	0.4	•	◊
			150608	12.7	6.35	5.16	0.8	•	◊
			150612	12.7	6.35	5.16	1.2	•	◊

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

## GENERAL TURNING INSERT FOR ALUMINIUM

### ▪ Negative Insert

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )				GRADE RECOMMENDED		
			ΦLC	S	Φd	R	CO01	CO01H	
		TNMG-LH	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
			160412	9.525	4.76	3.81	1.2	•	◊
		CNMG-LH	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
			120412	12.7	4.76	5.16	1.2	•	◊
		WNMG-LH	060404,	9.525	4.76	3.81	0.4	•	◊
			060408,	9.525	4.76	3.81	0.8	•	◊
			080404,	12.7	4.76	5.16	0.4	•	◊
			080408,	12.7	4.76	5.16	0.8	•	◊
		VNMG-LH	160402	9.525	4.76	3.81	0.2	•	◊
			160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

## GENERAL TURNING INSERT FOR CERMET

### ▪ Negative Insert

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )				GRADE RECOMMENDED		
			ΦLC	S	Φd	R	CO30	CO30H	
		TNMG-FG	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
		TNMG-MT	160404	9.525	4.76	3.81	0.4	•	◊
			160408	9.525	4.76	3.81	0.8	•	◊
		CNMG-FG	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊
		CNMG-MT	120404	12.7	4.76	5.16	0.4	•	◊
			120408	12.7	4.76	5.16	0.8	•	◊

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

## ◆ GENERAL TURNING POSITIVE INSERT

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )				GRADE RECOMMENDED		
			SIZE	ΦLC	S	Φd	R	CO25G/15G	CO25S
		CCMT-MD	060204 -	6.35	2.38	2.8	0.4		•
			060208 -	6.35	2.38	2.8	0.8		•
			09T304 -	9.525	3.97	4.4	0.4		•
			09T308 -	9.525	3.97	4.4	0.8		•
		CCMT-OPM	060204 -	6.35	2.38	2.8	0.4	•	
			060208 -	6.35	2.38	2.8	0.8	•	
			09T304 -	9.525	3.97	4.4	0.4	•	
			09T308 -	9.525	3.97	4.4	0.8	•	
		TCMT-OPM	090204 -	5.56	2.38	2.5	0.4	•	
			090208 -	5.56	2.38	2.5	0.8	•	
			110304	6.35	3.18	2.8	0.4	•	
			110308	6.35	3.18	2.8	0.8	•	
			110312	6.35	3.18	2.8	1.2	•	
			16T304	9.525	3.97	4.4	0.4	•	
			16T308	9.525	3.97	4.4	0.8	•	
			16T312	9.525	3.97	4.4	1.2	•	
		DCMT	070204 -	6.35	2.38	2.8	0.4		•
			070208 -	6.35	2.38	2.8	0.8		•
			11T304	9.525	3.97	4.4	0.4		•
			11T308	9.525	3.97	4.4	0.8		•
		DCMT-OPM	070204 -	6.35	2.38	2.8	0.4	•	
			070208 -	6.35	2.38	2.8	0.8	•	
			11T304	9.525	3.97	4.4	0.4	•	
			11T308	9.525	3.97	4.4	0.8	•	
	VBMT-OPM	160404	9.525	4.76	3.81	0.4	•		
		160408	9.525	4.76	3.81	0.8	•		
		160412	9.525	4.76	3.81	1.2	•		

## ◆ GENERAL TURNING INSERT FOR CERMET

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )				GRADE RECOMMENDED		
			ΦLC	S	Φd	R	CO30	CO30H	
		CCMT	060204 FG	6.35	2.38	2.8	0.4	•	◊
			060208 FG	6.35	2.38	2.8	0.8	•	◊
			09T304 FG	9.525	3.97	4.4	0.4	•	◊
			09T308 FG	9.525	3.97	4.4	0.8	•	◊
		TPGX	090202 L	5.56	2.38	2.5	0.4	•	◊
			090204 L	5.56	2.38	2.5	0.4	•	◊
			110304 L	6.35	3.18	2.8	0.4	•	◊
			110308 L	6.35	3.18	2.8	0.8	•	◊

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

## ◆ GENERAL TURNING INSERT FOR ALUMINIUM

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )				GRADE RECOMMENDED		
			ΦLC	S	Φd	R	CO01	CO01H	
		CCGT	060202 LH	6.35	2.38	2.8	0.2	•	◊
			060204 LH	6.35	2.38	2.8	0.4	•	◊
			060208 LH	6.35	2.38	2.8	0.8	•	◊
			09T302 LH	9.525	3.97	4.4	0.2	•	◊
			09T304 LH	9.525	3.97	4.4	0.4	•	◊
			09T308 LH	9.525	3.97	4.4	0.8	•	◊
		TCGT	090202 LH	5.56	2.38	2.5	0.4	•	◊
			090204 LH	5.56	2.38	2.5	0.4	•	◊
			110304 LH	6.35	3.18	2.8	0.4	•	◊
			110308 LH	6.35	3.18	2.8	0.8	•	◊
			16T302 LH	9.525	3.97	4.4	0.2	•	◊
			16T304 LH	9.525	3.97	4.4	0.4	•	◊
		DCGT	070202 LH	6.35	2.38	2.8	0.2	•	◊
			070204 LH	6.35	2.38	2.8	0.4	•	◊
			070208 LH	6.35	2.38	2.8	0.8	•	◊
			11T302 LH	9.525	3.97	4.4	0.4	•	◊
			11T304 LH	9.525	3.97	4.4	0.4	•	◊
			11T308 LH	9.525	3.97	4.4	0.8	•	◊
		VCGT	11T302 LH	6.35	3.18	2.8	0.2	•	◊
			11T304 LH	6.35	3.18	2.8	0.4	•	◊
			11T308 LH	6.35	3.18	2.8	0.8	•	◊
			160402 LH	9.525	4.76	4.4	0.2	•	◊
			160404 LH	9.525	4.76	4.4	0.4	•	◊
			160408 LH	9.525	4.76	4.4	0.8	•	◊

◊ Only on Order

• RECOMMENDED GRADE(Always Stock Available)

# PARTING & GROOVING INSERT

## TDJ / TDC / TDT TYPE PARTING INSERT

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE	
			B	R	L	D	S		
		TDJ	2MM	2	0.2	20	1.7	3.9	•
			3MM	3	0.2	20	2.4	4	•
			4MM	4	0.3	20	3	4.05	•
			5MM	5	0.3	25	4	4.89	•
			2MM	2	0.2	20	1.7	3.9	•
		TDC	3MM	3	0.2	20	2.4	4	•
			4MM	4	0.3	20	3	4.03	•
			5MM	5	0.3	25	4	4.89	•
			2MM	2	0.2	20	1.7	3.9	•
			3MM	3	0.2	20	2.4	4	•
		TDT	4MM	4	0.3	20	3	4.05	•
			5MM	5	0.3	25	4	4.89	•
			2MM	2	0.2	20	1.7	3.9	•
			3MM	3	0.2	20	2.4	4	•
			4MM	4	0.3	20	3	4.05	•

## MGMN TYPE PARTING INSERT

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE	
			B	R	L	D	S		
		MGMN	150-G	1.5	0.15	16	1.2	3.5	•
			200-G	2	0.2	16	1.6	3.85	•
			250-M	2.5	0.2	18.5	2	4.8	•
			300-M	3	0.4	21	2.35	4.8	•
			400-M	4	0.4	21	3.3	5.8	•
			500-M	5	0.8	26	4.1	5.8	•
			600-M	6	0.8	26	5	5.8	•
			800-M	8	0.8	28	6	6.5	•

## MRMN TYPE PARTING INSERT

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE	
			B	R	L	D	S		
		MRMN	200-M	2	1	16	1.6	3.5	•
			300-M	3	1.5	21	2.35	4.8	•
			400-M	4	2	21	3.3	4.8	•
			500-M	5	2.5	25.86	4.1	5.8	•
			600-M	6	3	26	5	5.8	•

## PENTA TYPE PARTING INSERT

The basic shape of inserts	IMAGE OF INSERT	Dimension ( mm )					GRADE
		SIZE	W	R	T Mmax	SIZE	
		24N	0.50	0.05	2	0.50	•
			0.75	0.05	2	0.75	•
			1.00	0.1	4	1.00	•
			1.50	0.1	5	1.50	•
			1.75	0.1	5	1.75	•
			2.00	0.1	5	2.00	•
			2.50	0.2	5	2.50	•
			3.00	0.2	5	3.00	•

# CIRCLIP GROOVING INSERT



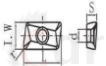



The basic shape of inserts	ER OR IR	Dimension ( mm )					GRADE		
		L	D	T	W	G		R	
	ER OR IR	16	0.70	9.53	3.65	0.70	1.40	0.10	•
			0.80	9.53	3.65	0.80	1.40	0.10	•
			0.90	9.53	3.65	0.90	1.40	0.10	•
			1.00	9.53	3.65	1.00	1.40	0.10	•
			1.10	9.53	3.65	1.10	1.80	0.10	•
			1.20	9.53	3.65	1.20	1.80	0.10	•
			1.30	9.53	3.65	1.30	1.80	0.10	•
			1.40	9.53	3.65	1.40	1.80	0.10	•
			1.50	9.53	3.65	1.50	1.80	0.10	•
			1.60	9.53	3.65	1.60	1.80	0.10	•
			1.70	9.53	3.65	1.70	1.80	0.10	•
			1.80	9.53	3.65	1.80	1.80	0.10	•
			1.95	9.53	3.65	1.95	1.80	0.10	•
			2.00	9.53	3.65	2.00	1.80	0.10	•
			2.00	9.53	3.65	2.00	2.00	0.10	•
			2.25	9.53	3.65	2.25	2.00	0.10	•
2.50	9.53	3.65	2.50	2.20	0.10	•			
3.00	9.53	3.65	3.00	3.20	0.10	•			
The basic shape of inserts	IR	Dimension ( mm )					GRADE		
		L	D	T	W	G		R	
	IR	11	0.40	6.35	3.20	0.40	1.20	0.10	•
			0.50	6.35	3.20	0.50	1.20	0.10	•
			0.60	6.35	3.20	0.60	1.20	0.10	•
			0.70	6.35	3.20	0.70	1.20	0.10	•
			0.80	6.35	3.20	0.80	1.20	0.10	•
			0.85	6.35	3.20	0.85	1.20	0.10	•
			0.90	6.35	3.20	0.90	1.20	0.10	•
			1.00	6.35	3.20	1.00	1.20	0.10	•
			1.10	6.35	3.20	1.10	1.20	0.10	•
			1.20	6.35	3.20	1.20	1.20	0.10	•
			1.25	6.35	3.20	1.25	1.20	0.10	•
			1.30	6.35	3.20	1.30	1.20	0.10	•
			1.40	6.35	3.20	1.40	1.20	0.10	•
			1.50	6.35	3.20	1.50	1.20	0.10	•
			1.70	6.35	3.20	1.70	1.20	0.10	•
			1.80	6.35	3.20	1.80	1.20	0.10	•
2.00	6.35	3.20	2.00	1.20	0.10	•			






## PENTA (TQS) TYPE PARTING INSERT

The basic shape of inserts	IMAGE OF INSERT	Dimension ( mm )					GRADE
		SIZE	W	R	T Mmax	SIZE	
		27	0.50	0.1	2.5	0.50	•
			0.75	0.1	2.5	0.75	•
			0.80	0.1	1.6	0.80	•
			1.00	0.1	3.5	1.00	•
			1.50	0.2	5.7	1.50	•
			2.00	0.2	6.4	2.00	•
			2.50	0.2	6.4	2.50	•
			3.00	0.2	6.4	3.00	•





# MILLING INSERT

## ◆ Insert For Square Shoulder Milling

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE
			LW	L	S	Φd	R	
		R390 11T308 PM	6.9	11.72	3.58	2.8	0.8	•
		R390 170408 PM	9.6	17.82	4.76	4.12	0.8	•
The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE
			LW	L	S	Φd	R	
		APGT 160404 LH	9.28	17.15	4.76	4.4	0.4	•
		APGT 160408 LH	9.28	17.15	4.76	4.4	0.8	•
		APKT 160402 FR LH	9.8	16.88	4.76	4.4	0.2	•
		APKT 160404 FR LH	9.8	16.88	4.76	4.4	0.4	•
		APKT 160408 FR LH	9.8	16.88	4.76	4.4	0.8	•





The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE
			LW	L	S	Φd	R	
		APMT 1135 PDER H2	6.2	11.21	3.5	2.8	0.8	•
		APMT 1604 PDER H2	9.28	17.15	4.76	4.4	0.8	•
		APMT 1135 PDER M2	6.2	11.21	3.5	2.8	0.8	•
		APMT 1604 PDER M2	9.28	17.15	4.76	4.4	0.8	•
		APMT 1135 PDER M2	6.2	11.21	3.5	2.8	0.8	•
		APMT 1604 PDER M2	9.28	17.15	4.76	4.4	0.8	•

## INSERT FOR HOLE DRILLING INSERT

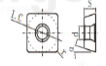

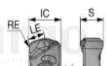



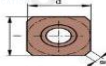

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE
			ΦLC	S	d	r	a°	
		SPMG 050204 ZV	5.56	2.38	2.5	0.4	11°	•
		SPMG 060204 ZV	6.35	2.38	2.8	0.4	11°	•
		SPMG 07T308 ZV	7.94	3.97	2.8	0.8	11°	•
		SPMG 090408 ZV	9.8	4.3	4.1	0.8	11°	•
		SPMG 110408 ZV	11.5	4.76	4.4	0.8	11°	•
		SPMG 140512 ZV	14.3	5.56	5.5	1.2	11°	•
The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE
			L	ΦLC	S	d	r	
		WCMX 030208	3.8	5.56	2.38	2.8	0.8	•
		WCMX 040208	4.3	6.35	2.38	3.1	0.8	•
		WCMX 050308	5.4	7.94	3.18	3.2	0.8	•
		WCMX 06T308	6.5	9.525	3.97	3.7	0.8	•
		WCMX 080412	8.7	12.7	4.76	4.3	1.2	•

# MILLING INSERT

## ◆ Insert For PROFILE Milling

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE	
			ΦLC	S	Φd	R	α	CO25G	CO25SH
		RPMW 0803 MOT	8	3.18	3.4		11°	•	
		RPMW 1003 MOT	10	3.18	4.4		11°	•	
		RPMW 1204 MOT	12	4.76	4.4		11°	•	
		RPMT 0803 MOT	8	3.18	3.4		11°		•
		RPMT 10T3 MOT	10	3.97	4.4		11°		•
		RPMT 1204 MOT	12	4.76	4.4		11°		•

## INSERT FOR HIGE FEED MILLING

The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE	
			ΦLC	S	d	r	a°		
		SDMT 09T312 PM	9.525	3.97	4	1.2	15°	•	
		SDMT 120412 PM	12.7	4.76	4.4	1.2	15°	•	
The basic shape of inserts	IMAGE OF INSERT	Type	Dimension ( mm )					GRADE	
			ΦLC	RE	APMX	LE	s	CO20H/25H	CO05H
		LNMU 0303 ZER	6.00	1.20	1.00	3.20	4.29	•	
								•	
								•	
The basic shape of inserts	IMAGE OF INSERT	TYPE	Dimension ( mm )					GRADE	
			A	T	Ød	Z	Re	CO25H	CO20H
		WNMU 080608 GM	12.70	4.76	4.40	1.20	15°	•	•
								•	•
The basic shape of inserts	IMAGE OF INSERT	TYPE	Dimension ( mm )					GRADE	
			d	I	s	r	d1	CO25H	CO20H
		SNMU 1206 ANN	12.70	12.70	6.35	0.80	4.50	•	•
								•	•