

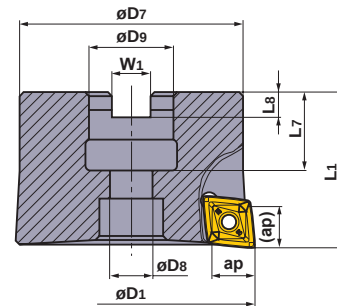
ROTATING TOOLS

VERTICAL FEED
MILLING

Roughing

**PMR**

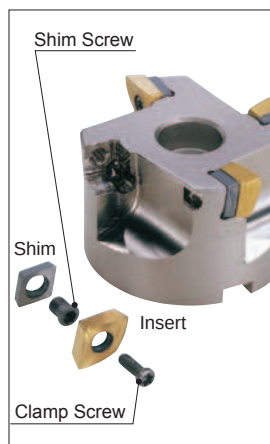
- Cutting with large overhang.
- Horizontal feed cutting and oblique cutting are also possible.
- Unique shape of curved edge gives high rigidity and low resistance.



Right hand tool holder only.

Type	Order Number	Stock R	Number of Teeth	Dimensions (mm)									Insert
				D1	L1	D9	L7	D8	D7	W1	L8	ap	
Metric	PMR405003A22R	★	3	50	40	22	20	11	45	10.4	6.3	11	CPMT1205ZPEN-M2/3
	405203A22R	●	3	52	40	22	20	11	47	10.4	6.3	11	CPMT1205ZPEN-M2/3
	406304A22R	★	4	63	40	22	20	11	57	10.4	6.3	11	CPMT1205ZPEN-M2/3
	406604A27R	●	4	66	50	27	23	13	60	12.4	7	11	CPMT1205ZPEN-M2/3
	408005A27R	●	5	80	50	27	23	13	73	12.4	7	11	CPMT1205ZPEN-M2/3
	608004A27R	●	4	80	50	27	23	13	72	12.4	7	17	CPMT1906ZPEN-M2/3
Inch	PMR405003BR	★	3	50	40	22.225	19	11	45	8.4	5	11	CPMT1205ZPEN-M2/3
	406304BR	★	4	63	40	22.225	19	11	57	8.4	5	11	CPMT1205ZPEN-M2/3
	408005DR	★	5	80	63	31.75	32	17	73	12.7	8	11	CPMT1205ZPEN-M2/3
	608004DR	★	4	80	63	31.75	32	17	72	12.7	8	17	CPMT1906ZPEN-M2/3

SPARE PARTS



Tool Holder Number						
	Shim	Shim Screw	Clamp Screw	Wrench (Insert)	Wrench (Shim)	Set Bolt
PMR405003A22R	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC10035
405203A22R	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC10035
406304A22R	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC10035
406604A27R	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC12035
408005A27R	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC12035
405003BR	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC10035
406304BR	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC10035
408005DR	STPMR4N	WCS503507H	①TPS35	①TIP15T	HKY35R	HSC16040
PMR608004A27R	STPMR6N	WCS604010H	②CSF401260T	②TKY20D	HKY40R	HSC12035
608004DR	STPMR6N	WCS604010H	②CSF401260T	②TKY20D	HKY40R	HSC16040

★ Clamp Torque (N · m) : TPS35=3.5, CSF401260T=5.0, WCS503507H=5.0, WCS604010H=7.0

INSERTS

Shape	Order Number	Class	Coated				Dimensions (mm)				Geometry
			VP15TF				D1	S1	F1	Re	
	CPMT1205ZPEN-M2	M	●				12.7	5.56	1.4	0.8	
	1205ZPEN-M3	M	★				12.7	5.56	1.4	1.2	
	CPMT1906ZPEN-M2	M	●				19.05	6.35	1.4	0.8	
	1906ZPEN-M3	M	★				19.05	6.35	1.4	1.2	

● : Inventory maintained. ★ : Inventory maintained in Japan.