



# PACE (INDIA)

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MATERIAL NAME	GRADE
High Precision	PC25SH /PC25H / PC20H
General	PC25G/PC05S/PC15S/PC22G/PC35G
Stainless Steel	PC05SS
High Precision Casting	PC15CH/PC15CC
General Casting	PC15C

**PC 25H** is the Premium Grade Suitable for all kind material. It have good versatility & preferred in interrupted as well as free cutting Machine Component for for all kind of material like Cast Iron, Steel FORGING, as well stainless steel for EXCELLENT Result Machining. This is a All rounder Grade of PACE.

**PC25SH** is optimized for impact resistance, and wearing resistance , toughness and performed good for rough cutting in continuous and interrupted . It can realize high-speed, high -efficiency and environmental cutting

**PC 20H** is Excellent Grade Suitable for all material. It has excellent Results for all type machining Application for Roughing & Finishing for Cast iron, Steel & stainless steel.

**PC 25G** is high hardness and excellent versatility with good free cutting material for interrupted roughing and as well as difficult machining grade for semi finishing & finishing for Steel Machining.

**PC 05S** is for all Tough machining grade for Heavy Roughing & semi finishing for Steel Forging & General Machining.

**PC 15S** is for smooth free cutting excellent result machining grade for semi finishing and finishing all material

**PC22G** is highly hard substrate combines both favorable shock resistance and blade security. Used PVD coating with excellent versatility, it is preferred in interrupted turning and milling stainless steel.


**PC05SS** is optimized for the best combination of toughness and wearing resistance. It is wide range applicative and suitable for Stain less steel and finishing ISO material.

**PC15C** is optimized for general wear resistance, toughness and performed good for cast iron Machining. It is good for free cutting of Cast Iron.

**PC15CC** CVD - coated cemented carbide, the hard substrate coated with a smooth and wear-resistant coating, can bear harsh intermittent cutting conditions. Universal grade for all cast iron roughing cutting at low medium speed.

**PC15CH** is optimized for good wear resistance, toughness and performed excellently in interrupted for CAST IRON Machining. It is also suitable for tougher Casting with excellent Result requirements.

**PC35G** **PVD COATED MICRO-GRAIN CARBIDE.** General purpose cutting of steel and stainless steel, stable and long tool life.

INSERT TYPE			TURNING GRADE								
		CHIP BREAKERS	PC25SH	PC25H	PC20H	PC25G	PC05S	PC15S	PC22G	PC05SS	PC35G
	CCMT0602**	FW/HM/OTF	★		★	▲	●	▲			
		OTR/OTM		★		●			●		
	CCMT09T3**	FW/HM/OTF	★	▲	★	▲	●	▲			
	CCMT1204**	OTR/OTM/MU		★		●		●		●	
	CNMG1204**	CM/CQ/OMF	★		★		●	●		●	
		GM/MA/MF/MD/GH/FW	★			●	●	●			
		MT/OMM/OPM/OPR	★	★		●					▲
		PM/DM/BM/TM/MT	★			●	●				
	CNMG1604**	OPM				●	●		●		
CNMG1906**	OPM				●	●		●			
	DCMT0702**	FW/HM/OPM	★	▲		▲	●	▲			
		OTR/OTF/OTM		★		●	●	●			
	DCMT11T3**	OPM/OTM/OTR/HM/MD	★	★		●	●	●	●		▲
	DNMG1104**	OMM/OPM/MD/	★			●		●	●		▲
	DNMG1506**	GM/MD/OPM/OPR/OMM	★	★	▲	●	●	●			
	SCMT09T3**	MD/OPM/OTR/HM/OTM	★		★	●	●	●	●		
	SCMT1204**	HM/MD/OPM/OTR/OTM	★		★	●	●	●	●		
	SNMG1204**	MD/MA/OPM/OPR	★		★	●		●			
	SNMG1906**	MD/OPM/OPR/MA	★		★	●		●			
	TCMT0902**	FW/HM/OPM/OTM/OTR/MD	★	★	★	●		●			
	TCMT1102**	HM/FW/OPM/OTM/OTR/MD	★	★	★	●		●			
	TCMT16T3**	FW/HM/OPM/OTM/OTR/MD	★	★	★	●		●			
	TNMG1604**	R/L				▲	●	●			
	TNMG1604**	MT/OMM/OPM/OPR/GU/UG	★	★		●		●	●		
		PM/TM/CM/GR/GF/GH/EX/MF	★	★	●	●	●	●	●	●	▲
		CM/CQ/GU/FG/FW/GM/MT	●	★	●	▲		●	▲	●	
	TNMG2204**	OPM				●		●	●		
	TPGH0601**		★	●							
	TPGH0802**		★	●							
	TPGH0902**		★	●							
	TPGH1103**		★	●							
	VBMT1604**	GM/MD/OMM/OPM/OPR	★	★	★	●		●			
		OTM/OTR/OSM		●		●		●			
	VNMG12T3**	PM			●	▲		▲			
	VNMG1604**	GM/MD/OMM/OPM/OPR/GU	★	★		●	●	●		●	
	WBG060102-L		★		●				▲		
	WBG060104-L		★		●				▲		
	WNMG0604**	CM/CQ/FG/MA/MF/MT				●	▲	●			
		OMM/OPR/TM/PM	★	★		●	▲	●			▲
		GM/MD/OMF/OPF	★			●	▲	●			
		OPM/TK/GU/GZ	★			●	●	●			
	WNMG0804**	CM/CQ/MA/MF/MT		★	●	●	●	●		●	
		OMM/OPR/TM/PM/TK	★	★		●		●			▲
		GM/MD/OMF/OPF		★		●		●		●	
		OPM/GU/GZ/BM/TM	★	★			●	●		●	

\*\* Corner Radius 02/04/08/1.2

★ Best Suitable ▲ Only On Order ● Generally Available

INSERT TYPE		CAST IRON GRADE			
ITEM		CHIP BREAKER	PC15C	PC15CC	PC15CH
	CCMT0602**	OTM/OTF		●	★
	CCMT09T3**	OTM/OTF		●	
	CCMW0602**		●		
	CCMW09T3**		●		
	CNMA1204**		●	★	★
	CNMG1204**	GH/OPM/OPR/U/GH	●	★	
	DCMT0702**	OTM/OTF	●	★	
	DCMT11T3**	OTM/OTF	●	★	
	DNMA1104**		●	★	
	DNMA1506**		●	★	
	DNMG1104**	OPM	●		
	DNMG1506**	OPM	●		
	SCMT09T3**	OTM	●	★	
	SCMT1204**	OTM	●	★	
	SNMA1204**		●	★	
	SNMA1906**		●		
	SNMG1204**	GM/OPM/OPR	●	★	
	TCMT0902**	OTM	●	★	
	TCMT1102**	OTM	●	★	
	TCMT16T3**	OTM	●	★	
	TNMA1604**		●	★	★
	TNMG1604**	GH/OPM/OPR/TK/U/GU	●	★	★
	TNMG2204**	GH	●		
	VBMT1604**		●	★	
	VNMA1604**		●	★	
	VNMG12T3**	PM	●		
	VNMG1604**	OPM/OPF/OPR/GH	●		★
	WNMA0604**		●	★	★
	WNMA0804**		●	★	★
	WNMG0604**	GH		★	
	WNMG0804**	GH/OPF/TK/GZ	●		★

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