

TCT Saw Blades Questionnaire Sheet

Item		Saw Blade #1		Saw Blade #2		Saw Blade #3		Saw Blade #4		Remarks
		Data	Unit	Data	Unit	Data	Unit	Data	Unit	
Tube specification (Tubes to be cut)	OD : Outer Diameter	30	mm		mm		mm		mm	
	WT : Wall Thickness	2.05	mm		mm		mm		mm	
	Steel Grade	SAE1513Cr								
	Heat Treatment Status	QT								
	Rp 0.2	990	N/mm ²		N/mm ²		N/mm ²		N/mm ²	
	Tensile Strength	1080	N/mm ²		N/mm ²		N/mm ²		N/mm ²	
Saw blade Description	Saw Blade Type	HM (Hard Material)								
	OD :	350	mm		mm		mm		mm	
	Kerf (Blade width)	2.7	mm		mm		mm		mm	
	Z : Number of tooth	120								
Performance Data	Cutting Speed (Tube wall)	230	M/min		M/min		M/min		M/min	Cutting pattern shall be "Single cut", "Double cut" or "Multi cut." Please specify.
	Feed Rate (Tube wall)	0.03	mm / tooth		mm / tooth		mm / tooth		mm / tooth	
	Cutting Speed (Tube)	230	M/min		M/min		M/min		M/min	
	Feed Rate (Tube)	0.1	mm / tooth		mm / tooth		mm / tooth		mm / tooth	
	Cutting pattern	Double								
Expected Lifetime	by Area	10	m ²		m ²		m ²		m ²	
	by Number of cuts	30 000	cuts		cuts		cuts		cuts	
Expected Annual consumption of Saw blade		650 Pcs		Pcs		Pcs		Pcs		

Note :

Saw blade type : HM (Hard Material)= TCT
: CERMET



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Please fill up above yellow space