

DESIGN INPUT FOR METAL BONDED DIAMOND & CBN WHEELS		
CUSTOMER CODE		
CUSTOMER NAME		
CONTACT DETAILS		
APPLICATION USED FOR		
COMPONENT DETAILS		
Workpiece		
Material		
Hardness		HRC / HV / HB
Surface finish		Ra/Rz/Rt
Special properties		
Drawing of the Component		
Pre-condition of Job		
Type of Grinding like.... (Surface/Cylindrical / Centreless/Tool & Cutter/ Others		
COOLANT DETAILS		
Coolant Type		
Flow rate / Discharge Rate		l/min
Pressure		bar or Kg/CM ²
EXISTING WHEEL DETAILS		
Article number		
FEPA-type		
Dimension		
Other dimensions		
Specification		
Tool number		
Drawing number		
GRINDING CONDITIONS/ OPERATING PARAMETERS		
Wheel speed v_s		m/s
Workhead RPM n_w		RPM
Infeed depth (per stroke) a_e		mm
stock removal a_{eges}		mm
infeed rate v_{fs}, v_{fr}, v_{ft}		mm/min or Rev
Grinding cycle t_c		Hrs/Min/Sec
Exposing Condition		
MACHINE DETAILS		
Make of the machine		
Type of the machine		
Hp of the machine		KW/Hp
Spindle speed n_s		U/min (RPM)
CUSTOMER VOICE		
Life		pieces/plunges
Grinding Cost/Component		INR
Specific Geometrical Accuracies		
Problem faced by customer		
Signature		
Name		