

Wire Sawing Application Sheet – DWT		
Company :		Technical advise <input type="checkbox"/>
Address :		Quote <input type="checkbox"/>
		Order <input type="checkbox"/>
		Claim <input type="checkbox"/>
<i>Please provide below detailed information about intended sclicing operation</i>		
1 1. Machine & Wafer		
1.1	Type & model	
1.2	Single / multi wire	
1.3	Workpiece material	
1.4	Material size / dimensions [mm]	
1.5	Wafer thickness [μm]	
1.6	Mounting procedure	
2 2. Wire		
2.1	Core diameter [μm]	
2.2	Grit size & type [μm]	
2.3	Total wire width [μm]	
2.4	Wire field width / no of wires [mm]	
3 3. Pulleys		
3.1	No of return pulleys	
3.2	Diameter [mm]	
3.3	Material	
3.4	Shape of grooves	
3.5	No of guide pulleys	
3.6	Diameter [mm]	
3.7	Material	
3.8	Shape of grooves	
4 4. Process		
4.1	Wire tension [N]	
4.2	Wire speed [m/s]	
4.3	Wire run method [e.g. incremental]	
4.4	Total wire length [m]	
4.5	Wire reverse length [m]	
4.6	Introduce bow [mm]	
4.7	Profile	
4.9	Elliptical Parameter	
5.1	Feed rate 1 [mm/min]	
5.2	Feed rate 2 [mm/min]	
5.3	Feed rate 3 [mm/min]	
5.4	Bow	
5.5	Starting rock angle	
5.6	Speed	
5.7	Change rock angle	
5.8	Target bow	
5.9	Synchro yoke feed Y/N	
6.0	End of cut dwell [h/mm/ss]	
6.1	Resuming program [Y/N]	
5 5. Cooling & Cleaning		
5.1	Coolant medium	
5.2	Coolant ratio	
5.3	Coolant flow [l/h or cc/min]	
5.4	Coolant temperature [°C]	