

BURKA-KOSMOS Grinding Wheel Worksheet for Gleason-Pfauter Profile Grinding Machine

Customer: _____

Machine Type : _____

Date : _____

1. Workpiece Data:

Diametral Pitch	dp =	in	Pressure Angle =	Material =	Single or Double Flank =
Outside Diameter	od =	in	Helix Angle =	Hardness =	HRC Spindle Power =
Face Width	b =	in	Number of Teeth	Radial Stock =	in Surface Finish μ -in AGMA QI =

2.1. Dressing with Competitors Wheel:

Competitor

Current Wheel Spec

Type:	radial infeed (in)	Speed Ratio	V = in / sec	Dressing Volume (in ³)	Over Lap	Dressing # Teeth	Remarks
Rough Dress							
Finish Dress							

2.2. Competitor Grinding Data:

Passes	Number of Passes	Stroke Variant	Strokes per Tooth	Radial Infeed (in)	Feed mm / min	V = in / sec	Chip Volume in ³	Q' w	Load Meter %	Grind Time min

3.1. Final Dressing of B-K Grinding Wheel:

Wheel Size:

BK-Nr.:

BK-Spec :

Type:	radial infeed (in)	Speed Ratio	V = in / sec	Dressing Volume (in)	Over Lap	Dressing # Teeth	Remarks
Rough Dress							
Finish Dress							

3.2. Results of B-K Grinding Tests:

Passes	Number of Passes	Stroke Variant	Strokes per Tooth	Radial Infeed (in)	Feed mm / min	V = in / sec	Chip Volume in ³	Q' w	Load Meter %	Grind Time min

Comments: (Inspection Diagram; Quality Achieved; Test for Burns; etc.) _____

Remarks: _____