

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

Customer \_\_\_\_\_

Machine Type : \_\_\_\_\_

Date : \_\_\_\_\_

**1. Workpiece Data:**

Norm. - Modul	m =	mm	Number of Teeth =	Material =	Single or Double Flank =
Outside Diameter	da =	mm	Helix Angle =	Hardness =	HRC Spindle Power =
Face Width	b =	mm	Pressure Angle =	Radial Stock =	mm Surface Finish $\mu\text{m}$ DIN QI =

**2.1. Dressing with Competitors Wheel:**

Competitor

Current Wheel Spec

Type:	radial infeed(mm)	Speed Ratio;	V = m / sec	Dressing Volume (mm <sup>3</sup> )	Over Lap	Dressing # Teeth	<u>Remarks</u>
Rough Dress							
Finish Dress							

**2.2. Competitor Grinding Data:**

Passes	Number of Passes	Stroke Variant	Strokes per Tooth	Radial Infeed (mm)	Feed mm / min	V = m / sec	Chip Volume mm <sup>3</sup>	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 (mm)	Speed Ratio;	V = m / sec	Dressing Volume (mm)	Over Lap	Dressing # Teeth	<u>Remarks</u>
Rough Dress							
Finish Dress							

**3.2. Results of B-K Grinding Tests:**

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

**Comments:** ( Inspection Diagram; Quality Achieved; Test for Burns; etc. ) \_\_\_\_\_

**Remarks:** \_\_\_\_\_