

## BURKA-KOSMOS Grinding Wheel Worksheet for Hofler Profile Grinding Machine

Customer:

Machine Type:

Date :

**1. Workpiece Data:**

Diametral Pitch	dp =	in	Number of Teeth	=	Material	=	Hardness	=	
Outside Diameter	od =	in	Helix Angle	=	Stock per Flank	=	in	Single/Double Flank	=
Face Width	b =	in	Pressure Angle	=	Radial Stock	=	in	AGMA Q1 =	Finish =

**2. Details / Condition of Dressing Tool:**

**3. Dressing Data with Competitors Grinding Wheel :**

Competitor:

Current Wheel Spec :

<u>Grinding Data:</u>													<u>Dressing Data:</u>					<u>Remarks:</u>		
Passes	Radial infeed per Flank ( in )							Strokes per Tooth	Feed in / min	V= in/sec	Q'w	Grind Time min	Load Meter	Nr. Teeth	Amount in	Speed in/min	Speed Ratio	Dress Volume in <sup>3</sup>	Over Lap	
	1.Stroke	2.Stroke	3.Stroke	4.Stroke	5.Stroke	6.Stroke	7.Stroke													

**4: Results of B-K Grinding Tests:**

Wheel Size:

BK-Nr.:

BK-Spec.:

<u>Grinding Data:</u>													<u>Dressing Data:</u>					<u>Remarks:</u>		
Passes	Radial infeed per Flank ( in )							Strokes per Tooth	Feed in / min	V= in/sec	Q'w	Grind Time min	Load Meter	Nr. Teeth	Amount in	Speed in/min	Speed Ratio	Dress Volume in <sup>3</sup>	Over Lap	
	1.Stroke	2.Stroke	3.Stroke	4.Stroke	5.Stroke	6.Stroke	7.Stroke													

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

**Remarks:**