

## BURKA-KOSMOS Grinding Wheel Worksheet for Thread Grinding Machine

Customer: \_\_\_\_\_

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

Machine Producer: \_\_\_\_\_

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

**1. Workpiece Data:**

Diameter = _____	Groove Width = _____ mm	Material = _____	Hardness _____ :
Length = _____	Groove Length = _____ mm	Groove Depth = _____ mm	Rough Depth _____
		Number of Grooves = _____	DIN-Qual.= _____

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

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

Competitor: \_\_\_\_\_

Current Wheel Spec : \_\_\_\_\_

<u>Grinding Parameter:</u>											<u>Dressing Parameter:</u>					<u>Remarks:</u>			
Stroke Depth	Radial infeed per Flank ( mm )						Strokes per Tooth	Feed mm / min	V= m/sec	Q'w	Grind Time min	Load Meter	Nr. Teeth	Amount mm	Speed mm/min	Speed Ratio	Dress Volume mm³	Over Lap	
	1.Stroke	2.Stroke	3.Stroke	4.Stroke	5.Stroke	7.Stroke													

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

Wheel Size: \_\_\_\_\_

BK-Nr.: \_\_\_\_\_

BK-Spec.: \_\_\_\_\_

<u>Grinding Parameter:</u>											<u>Dressing Parameter:</u>					<u>Remarks:</u>			
Passes	Radial infeed per Flank ( mm )						Strokes per Tooth	Feed mm / min	V= m/sec	Q'w	Grind Time min	Load Meter	Nr. Teeth	Amount mm	Speed mm/min	Speed Ratio	Dress Volume mm³	Over Lap	
	1.Stroke	2.Stroke	3.Stroke	4.Stroke	6.Stroke	7.Stroke													

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

**Remarks:**