

MASTER®

CASE STUDY #1001


Dressing Cup

Workpiece:	Motorsport Spur Gear
Operation:	I/D grind plain diameter & face grind
Machine:	Studer S145
Material/Hardness:	Steel @ 750 HV
Cutting speed (grinding wheel):	25m/s
Stock Removal:	0.12mm on diameter
Grinding wheel:	IS2A 48 X 17 X 18 X=4 W=25 CB5-126-100-V-4172
Dresser:	Meister hDD Dressing Cup
Grinding time:	5 mins
Coolant:	1 m/c Oil, 1 m/c Emulsion
Improvement:	<ul style="list-style-type: none">• More open and consistent wheel face• Fewer burning problems• Fewer Size problems



SOLUTIONS FOR INDUSTRY

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