

TOOL PRESETTER CHECKLIST

CUSTOMER INFORMATION

| | |
|----------------|----------------|
| Company: _____ | Contact: _____ |
| Address: _____ | Phone: _____ |
| _____ | E-Mail: _____ |

DETAILS OF TOOLING TO BE MEASURED

Spindle Tapers: _____ (Ex: CAT, BT, HSK, Capto, KM, VDI)
Maximum Tool Length: _____
Maximum Tool Diameter: _____
Maximum Tool Weight: _____
Tool Types (See below) : _____

Examples of single length tools: drill, tap, single point boring bar, reamer
Examples of multi-insert tools: end mill, face mill, C' bore , multi-insert boring bar, special profile tools

Tool Presetter models based on above criteria: _____

SELECTING THE CORRECT PRESETTER MODEL

Does the customer currently use Presetters? _____ If yes, what brand: _____

Purpose for purchasing a Tool Presetter: _____
(Ex.: Increase productivity, solve work piece accuracy problems, eliminate operator errors, etc)

How does the customer currently measure tool lengths? _____

How many CNC machines does the customer have and what type?
Verticals: _____ Horizontal: _____ Turning Centers: _____ Other: _____

How many CNC machines will the presetter service? _____
(Ex.: Tool Room unit for all their CNC machines or used in a machining cell on shop floor)

Does the customer need tool clamping in the spindle? _____
(Tool clamping simulates the drawbar force on a machining center and the Z Axis measurements will be more accurate)

Any special requirements for the tool presetter: _____
(Example: Measure angle heads)

Tool Presetter models based on above criteria: _____

DETERMINING SOFTWARE REQUIREMENTS

Measure length & diameter and print label? _____

Does the customer need Tool Inspection also? _____

Generate and maintain tool lists by CNC machine and by work piece? _____

Generate CNC program to download the offset values to the CNC machine? _____

Does the customer need the ability to upload / download DXF files? _____



TOOL PRESETTER CHECKLIST (continued)

Does the customer measure multi insert cutters for length & diameter run-out?

Does the customer need to generate a report on the results of the tool measurement?

Does the customer use or have interest in Balluff ID Chips?

TOOL PRESETTER MEASURING RANGE

| PRESETTER MODEL | | MAX. TOOL WEIGHT kg (lb.) | MEASURING RANGE X AXIS (RADIUS) mm (in.) | MEASURING RANGE X AXIS (DIAMETER) mm (in.) | MEASURING RANGE Z AXIS mm (in.) |
|-----------------|------|------------------------------|--|--|---------------------------------------|
| P368 | .3 | 40 (88) | 125 (4.9) | 250 (9.8) | 300 (11.8) |
| | .4 | 40 (88) | 125 (4.9) | 250 (9.8) | 400 (15.7) |
| | MEGA | 40 (88) | 300 (11.8) | 600 (23.6) | 600 (23.6) |
| PRIME | | 40 (88) | 160 (6.3) | 320 (12.6) | 400 (15.7) |
| UNIKO LITE | | 40 (88) | 200 (7.9) | 400 (15.7) | 400 (15.7) |
| UNIKO | 44 | 40 (88) | 200 (7.9) | 400 (15.7) | 400 (15.7) |
| | 45 | 40 (88) | 200 (7.9) | 400 (15.7) | 500 (19.6) |
| | 46 | 40 (88) | 200 (7.9) | 400 (15.7) | 600 (23.6) |
| LEADER PLUS | 44 | 40 (88) | 200 (7.9) | 400 (15.7) | 400 (15.7) |
| | 45 | 40 (88) | 200 (7.9) | 400 (15.7) | 500 (19.6) |
| | 46 | 40 (88) | 200 (7.9) | 400 (15.7) | 600 (23.6) |
| PERFORMANCE | 44 | 40 (88) | 200 (7.9) | 400 (15.7) | 400 (15.7) |
| | 45 | 40 (88) | 200 (7.9) | 400 (15.7) | 500 (19.6) |
| | 46 | 40 (88) | 200 (7.9) | 400 (15.7) | 600 (23.6) |

