

TOOL PRESETTER CHECKLIST

CUSTOMER INFORMATION

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

DETAILS OF TOOLING TO BE MEASURED

Spindle Tapers: _____ (Ex: C AT, 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: _____ Horizontals: _____ 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?

*NOTE: Larth - Optional DPP software and PC required
 Sethy & Hathor - PC required for ToolingUp software provide w/ presetter
 Amon Ra - Internal PC with Q software included (w/ Wi-Fi)

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.)
LARTH	30 (66)	130 (5.18)	260 (10.4)	360 (14.2)
E346	30 (66)	180 (7.09)	360 (14.2)	460 (18.11)
SETHY SIX	40 (88)	200 (7.87)	400 (15.75)	600 (23.62)
HATHOR SIX	40 (88)	200 (7.87)	400 (15.75)	600 (23.62)
HATHOR SIX A	40 (88)	200 (7.87)	400 (15.75)	600 (23.62)
68B	50 (110)	300 (11.81)	600 (23.62)	800 (31.50)
E46L	40 (88)	200 (7.87)	400 (15.75)	600 (23.62)
E46LA	40 (88)	200 (7.87)	400 (15.75)	600 (23.62)
E46L TW	40 (88)	200 (7.87)	400 (15.75)	600 (23.62)
AMON RA	50 (110)	300 (11.81)	600 (23.62)	800 (31.50)

