AUTO**C**OMP

AutoComp Software

AUTOMATIC TOOL OFFSETTING

ERROR-FREE TOOLING CONTROL

GAUGE DATA PROCESSING

ELIMINATES OPERATOR DATA-ENTRY ERRORS

Use any gauging device to provide dimensional measurements and AutoComp will calculate the necessary tooling adjustments. Parts can be measured with any gauging equipment including CMMs, Digital Tooling, Gauge Fixtures with LVDTs, Laser Micrometers, Vision Systems and Wireless Gauging Devices.

Don't see your device? Caron Engineering can write drivers to retrieve data from nearly any type/brand of electronic measuring equipment.

PARTVIEW MAKES OFFSET STATUS MORE INTUITIVE

PartView enables the importing of a JPG image directly into AutoComp. You can then label the JPG image with each area of the part being measured for deviation. AutoComp's PartView allows the operator to more easily identify which area of the part will be compensated.
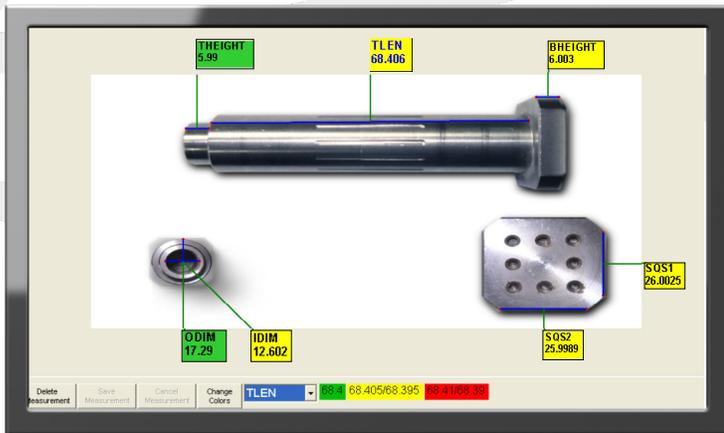
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Caron Engineering, Inc.
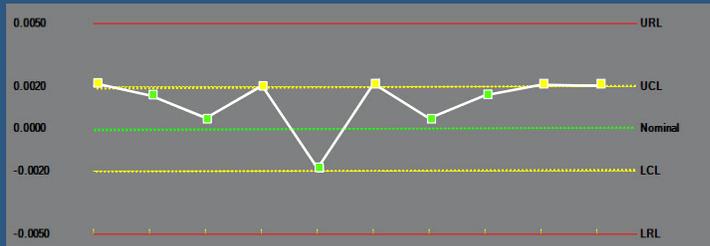1931 Sanford Rd.
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CARON ENGINEERING

MADE IN THE U.S.A.

Ver 03/2016

AutoComp

AutoComp software makes automatic tool offsetting and error-free tooling control a reality.

REAL TIME DATA

PART DATA

TOOL LIFE USED

21%   78%   100%

Name	Life	Active	Cpk	Comp	1	2	3	4	5	6	7	8	9	10
1: FIRST	21		0.948	-0.0021	.0022	.0016	.0005	.0021*	-.0019	.0022	.0005	.0016	.0021*	.0021*
2: SECOND	0		2.361	0	.0005	.0002	-.0003	.00049	-.00051	.0005	-.0003	.0002	.00049	.00049
3: THIRD	1		1.037	0	.0016	.0031	.0023*	.0015	-.0005	.0016	.0023	.0031	.0015*	.0015
4: FOURTH	0		3.005	0	.0004	.0003	.0002	.0003	-.00028	.0004	.0002	.0003	.0003	.0003
5: FIFTH	0		11.242	0	.0002	0	-.0002	.0001	-.0001	.0002	-.0002	0	.0001	.0001
6: SIXTH	2		0.655	0	.0018	-.0002	.0013*	.0017	-.00087	.0018	.0013	-.0002	.0017*	.0017
7: SEVENTH	0		2.121	0	.0003	.0012	-.0005	.0002	-.0002	.0003	-.0005	.0012	.0002	.0002
8: EIGHTH	0		0.318	0.0009	.0039	-.0004	.0028*	-.0009*	-.0029*	.0039	.0028*	-.0004	-.0009*	-.0009*
9: NINETH	0		0.343	0	.00022	.0015	.0001	.00012	-.00024*	.00022	.0001	.0015	.00012	.00012
10: TENTH	0		2.523	0	-.0002	.0004	-.0003	-.0001	.0001	-.0002	-.0003	.0004	-.0001	-.0001
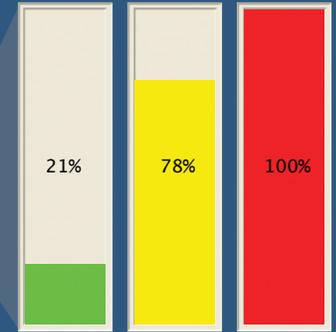
COMPILES AND REPORTS HISTORICAL TOOL WEAR MEASUREMENTS

All measurement and compensation data is saved to a file. The data is date and time stamped for future analysis. The operator also receives real-time status of the useful life for each tool.

ACCEPTS PART MEASUREMENTS FROM WIFI GAUGING DEVICES

Wireless data entry allows the operator to measure and simultaneously transmit the data. AutoComp will then automatically compensate tool offsets, without manual data input. This feature expedites the data-entry process and virtually eliminates data-entry errors.

MAINTAINS ACCEPTABLE TOLERANCES OF MACHINED PARTS

AutoComp statistically controls your tool offsets to maintain acceptable tolerances of your machined parts. AutoComp calculates tool compensation based on tolerance limits and tool compensation limits.

REPORTS A TOOL CHANGE NEED TO THE OPERATOR

When tool compensation has exceeded a user-defined threshold, a wear-limit is issued, informing the operator that the tool needs to be changed. A signal can also be sent to the CNC control so a redundant tool can be called automatically or the machine can be stopped before the next cycle.

OTHER PRODUCTS FROM CARON ENGINEERING:

TMAC MP

Reduce cycle time and maximize tool life with **T**ool **M**onitoring **A**daptive **C**ontrol

D-TectIT

Monitor *any* area of concern on your CNC machine tool or fixture

TOOL CONNECT

Automatically transfer tool presetter data from RFID tags in tool holders to the machine control

CEI SMART LIGHT

Replace your existing status light; 1000 available modes and programmable audible alarm