

TIRED OF MANUAL BALLOONING?

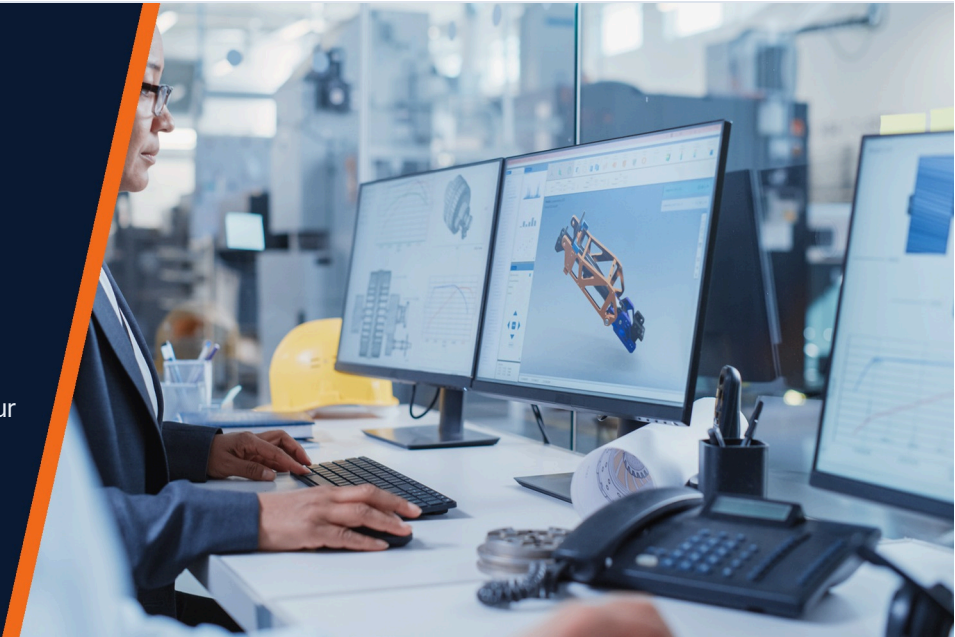
AI-Based Auto-Ballooning Software

Import your PDF drawings — MAPP Zen balloons every characteristic and builds your inspection plan, fast and accurately.

Import

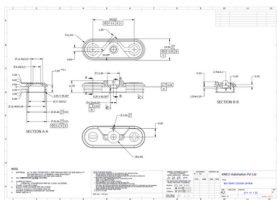
Balloon

Inspect



HOW IT WORKS

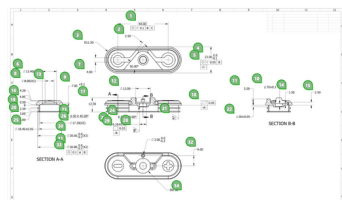
From drawing to inspection report in three steps



1

Import Drawing

Upload your PDF engineering drawing.



2

Auto-Balloon

AI detects and numbers every dimension.





Manufacturing Report (20240617 Test 001)

Performance:

Created By : admin

Created On : 2024/06

Item No.	Dimension	Unit	Value	Unit	Feature	Dimension	Unit	Value	Unit	Feature	Dimension	Unit	Value	Unit
1	Overall Length	mm	100		1	Overall Width	mm	50		1	Overall Height	mm	20	
2	Feature A	mm	10		2	Feature B	mm	15		2	Feature C	mm	25	
3	Feature D	mm	20		3	Feature E	mm	30		3	Feature F	mm	40	
4	Feature G	mm	30		4	Feature H	mm	40		4	Feature I	mm	50	
5	Feature J	mm	40		5	Feature K	mm	50		5	Feature L	mm	60	
6	Feature M	mm	50		6	Feature N	mm	60		6	Feature O	mm	70	
7	Feature P	mm	60		7	Feature Q	mm	70		7	Feature R	mm	80	
8	Feature S	mm	70		8	Feature T	mm	80		8	Feature U	mm	90	
9	Feature V	mm	80		9	Feature W	mm	90		9	Feature X	mm	100	
10	Feature Y	mm	90		10	Feature Z	mm	100		10	Feature AA	mm	110	
11	Feature AB	mm	100		11	Feature AC	mm	110		11	Feature AD	mm	120	
12	Feature AE	mm	110		12	Feature AF	mm	120		12	Feature AG	mm	130	
13	Feature AH	mm	120		13	Feature AI	mm	130		13	Feature AJ	mm	140	
14	Feature AK	mm	130		14	Feature AL	mm	140		14	Feature AM	mm	150	
15	Feature AN	mm	140		15	Feature AO	mm	150		15	Feature AP	mm	160	
16	Feature AQ	mm	150		16	Feature AR	mm	160		16	Feature AS	mm	170	
17	Feature AT	mm	160		17	Feature AU	mm	170		17	Feature AV	mm	180	
18	Feature AW	mm	170		18	Feature AX	mm	180		18	Feature AY	mm	190	
19	Feature AZ	mm	180		19	Feature BA	mm	190		19	Feature BB	mm	200	
20	Feature BC	mm	190		20	Feature BD	mm	200		20	Feature BE	mm	210	
21	Feature BF	mm	200		21	Feature BG	mm	210		21	Feature BH	mm	220	
22	Feature BI	mm	210		22	Feature BJ	mm	220		22	Feature BK	mm	230	
23	Feature BL	mm	220		23	Feature BM	mm	230		23	Feature BN	mm	240	
24	Feature BO	mm	230		24	Feature BP	mm	240		24	Feature BQ	mm	250	
25	Feature BR	mm	240		25	Feature BS	mm	250		25	Feature BT	mm	260	
26	Feature BU	mm	250		26	Feature BV	mm	260		26	Feature BW	mm	270	
27	Feature BX	mm	260		27	Feature BW	mm	270		27	Feature BY	mm	280	
28	Feature BZ	mm	270		28	Feature CA	mm	280		28	Feature CB	mm	290	
29	Feature CC	mm	280		29	Feature CD	mm	290		29	Feature CE	mm	300	
30	Feature CD	mm	290		30	Feature CE	mm	300		30	Feature CF	mm	310	
31	Feature CE	mm	300		31	Feature CF	mm	310		31	Feature CG	mm	320	
32	Feature CF	mm	310		32	Feature CG	mm	320		32	Feature CH	mm	330	
33	Feature CG	mm	320		33	Feature CH	mm	330		33	Feature CI	mm	340	
34	Feature CH	mm	330		34	Feature CI	mm	340		34	Feature CJ	mm	350	
35	Feature CI	mm	340		35	Feature CJ	mm	350		35	Feature CK	mm	360	
36	Feature CJ	mm	350		36	Feature CK	mm	360		36	Feature CL	mm	370	
37	Feature CK	mm	360		37	Feature CL	mm	370		37	Feature CM	mm	380	
38	Feature CL	mm	370		38	Feature CM	mm	380		38	Feature CN	mm	390	
39	Feature CM	mm	380		39	Feature CN	mm	390		39	Feature CO	mm	400	
40	Feature CN	mm	390		40	Feature CO	mm	400		40	Feature CP	mm	410	
41	Feature CO	mm	400		41	Feature CP	mm	410		41	Feature CQ	mm	420	
42	Feature CP	mm	410		42	Feature CQ	mm	420		42	Feature CR	mm	430	
43	Feature CQ	mm	420		43	Feature CR	mm	430		43	Feature CS	mm	440	
44	Feature CR	mm	430		44	Feature CS	mm	440		44	Feature CT	mm	450	
45	Feature CS	mm	440		45	Feature CT	mm	450		45	Feature CU	mm	460	
46	Feature CT	mm	450		46	Feature CU	mm	460		46	Feature CV	mm	470	
47	Feature CU	mm	460		47	Feature CV	mm	470		47	Feature CW	mm	480	
48	Feature CV	mm	470		48	Feature CW	mm	480		48	Feature CX	mm	490	
49	Feature CW	mm	480		49	Feature CX	mm	490		49	Feature CY	mm	500	
50	Feature CX	mm	490		50	Feature CY	mm	500		50	Feature CZ	mm	510	
51	Feature CY	mm	500		51	Feature CZ	mm	510		51	Feature DA	mm	520	
52	Feature CZ	mm	510		52	Feature DA	mm	520		52	Feature DB	mm	530	
53	Feature DA	mm	520		53	Feature DB	mm	530		53	Feature DC	mm	540	
54	Feature DB	mm	530		54	Feature DC	mm	540		54	Feature DD	mm	550	
55	Feature DC	mm	540		55	Feature DD	mm	550		55	Feature DE	mm	560	
56	Feature DD	mm	550		56	Feature DE	mm	560		56	Feature DF	mm	570	
57	Feature DE	mm	560		57	Feature DF	mm	570		57	Feature DG	mm	580	
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59	Feature DG	mm	580		59	Feature DH	mm	590		59	Feature DI	mm	600	
60	Feature DH	mm	590		60	Feature DI	mm	600		60	Feature DJ	mm	610	
61	Feature DI	mm	600		61	Feature DJ	mm	610		61	Feature DK	mm	620	
62	Feature DJ	mm	610		62	Feature DK	mm	620		62	Feature DL	mm	630	
63	Feature DK	mm	620		63	Feature DL	mm	630		63	Feature DM	mm	640	
64	Feature DL	mm	630		64	Feature DM	mm	640		64	Feature DN	mm	650	
65	Feature DM	mm	640		65	Feature DN	mm	650		65	Feature DO	mm	660	
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67	Feature DO	mm	660		67	Feature DP	mm	670		67	Feature DQ	mm	680	
68	Feature DP	mm	670		68	Feature DQ	mm	680		68	Feature DR	mm	690	
69	Feature DQ	mm	680		69	Feature DR	mm	690		69	Feature DS	mm	700	
70	Feature DR	mm	690		70	Feature DS	mm	700		70	Feature DT	mm	710	
71	Feature DS	mm	700		71	Feature DT	mm	710		71	Feature DU	mm	720	
72	Feature DT	mm	710		72	Feature DU	mm	720		72	Feature DV	mm	730	
73	Feature DU	mm	720		73	Feature DV	mm	730		73	Feature DW	mm	740	
74	Feature DV	mm	730		74	Feature DW	mm	740		74	Feature DX	mm	750	
75	Feature DW	mm	740		75	Feature DX	mm	750		75	Feature DY	mm	760	
76	Feature DX	mm	750		76	Feature DY	mm	760		76	Feature DZ	mm	770	
77	Feature DY	mm	760		77	Feature DZ	mm	770		77	Feature EA	mm	780	
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79	Feature EA	mm	780		79	Feature EB	mm	790		79	Feature EC	mm	800	
80	Feature EB	mm	790		80	Feature EC	mm	800		80	Feature ED	mm	810	
81	Feature EC	mm	800		81	Feature ED	mm	810		81	Feature EE	mm	820	
82	Feature ED	mm	810		82	Feature EE	mm	820		82	Feature EF	mm	830	
83	Feature EE	mm	820		83	Feature EF	mm	830		83	Feature EG	mm	840	
84	Feature EF	mm	830		84	Feature EG	mm	840		84	Feature EH	mm	850	
85	Feature EG	mm	840		85	Feature EH	mm	850		85	Feature EI	mm	860	
86	Feature EH	mm	850		86	Feature EI	mm	860		86	Feature EJ	mm	870	
87	Feature EI	mm	860		87	Feature EJ	mm	870		87	Feature EK	mm	880	
88	Feature EJ	mm	870		88	Feature EK	mm	880		88	Feature EL	mm	890	
89	Feature EK	mm	880		89	Feature EL	mm	890		89	Feature EM	mm	900	
90	Feature EL	mm	890		90	Feature EM	mm	900		90	Feature EN	mm	910	
91	Feature EM	mm	900		91	Feature EN	mm	910		91	Feature EO	mm	920	
92	Feature EN	mm	910		92	Feature EO	mm	920		92	Feature EP	mm	930	
93	Feature EO	mm	920		93	Feature EP	mm	930		93	Feature EQ	mm	940	
94	Feature EP	mm	930		94	Feature EQ	mm	940		94	Feature ER	mm	950	
95	Feature EQ	mm	940		95	Feature ER	mm	950		95	Feature ES	mm	960	
96	Feature ER	mm	950		96	Feature ES	mm	960		96	Feature ET	mm	970	
97	Feature ES	mm	960		97	Feature ET	mm	970		97	Feature EU	mm	980	
98	Feature ET	mm	970		98	Feature EU	mm	980		98	Feature EV	mm	990	
99	Feature EU	mm	980		99	Feature EV	mm	990		99	Feature EW	mm	1000	
100	Feature EV	mm	990		100	Feature EW	mm	1000		100	Feature EX	mm	1010	
101	Feature EW	mm	1000		101	Feature EX	mm	1010		101	Feature EY	mm	1020	
102	Feature EX	mm	1010		102	Feature EY	mm	1020		102	Feature EZ	mm	1030	
103	Feature EY	mm	1020		103	Feature EZ	mm	1030		103	Feature FA	mm	1040	
104	Feature EZ	mm												

Features of Auto-Ballooning Software

Everything your quality team needs to balloon drawings and plan inspections — in one web-based platform.

Data captured
Nominal
± Tolerance
Min / Max
GD&T
Notes
Sheet
Zone


01

AI-Based Automated Ballooning

AI identifies characteristics and places balloons automatically.


02

Automatic Dimension Capture

Dimensions are read straight from the drawing.


03

Complete Data Capture

Nominal, ±Tol, Min/Max, GD&T, notes, sheet and zone.


04

Numbering & Format Preferences

Set your own balloon numbering and formatting rules.


05

Custom Balloon Placement

Position balloons exactly where you want them.


06

Sheet-Zone Balloon View

Jump to any balloon by its sheet and zone.


07

Configurable Customer Tolerances

Select customer-specific tolerances in configuration.


08

Web-Based Software

Access from anywhere, anytime — no installation.


09

User-Friendly Interface

Clean, intuitive workflow that's quick to learn.

SEE IT IN ACTION

Book a live demo of MAPP Zen on your own drawings.

See how auto-ballooning fits your inspection workflow.



OUR CONTACT

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Import. Balloon. Inspect.

POWERED BY MAPP ZEN