

PowerINSPECT

www.delcam.com



PowerINSPECT from Delcam leads the way in today's market by delivering a complete CAD- based Inspection Solution. PowerINSPECT surpasses traditional 2 dimensional inspection methods by offering you the capability to inspect against all your CAD data with any type of measurement device.

PowerINSPECT can be used with all types of inspection hardware including manual and CNC CMMs, portable arms, optical measuring devices and CNC machine tools.

It provides quality with ease of use. Having a simple user interface which is intuitive and easy to use. The learning curve is short allowing the operator to get the most from the measuring device in the shortest possible time.

PowerINSPECT's on screen feedback and detailed graphical displays give immediate feedback for each measured point. Inspection reports can be generated automatically in a customised format to include pictorial, tabulated and statistical data, meeting the demands of design requirements and agreed International Standards.

PowerINSPECT Gives You'

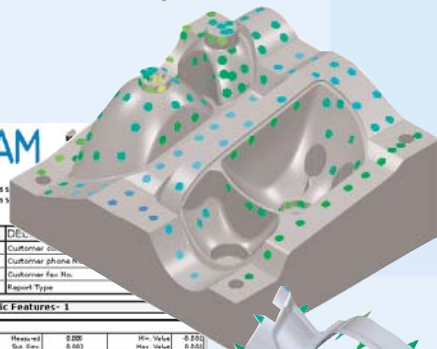
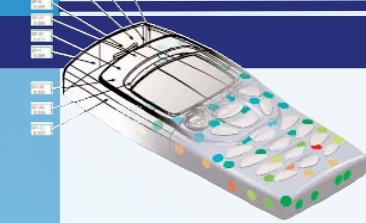
- Comparison against all mainstream CAD formats
- Rapid alignment even for complex freeform shapes
- Inspection of user-defined sections
- The ability to inspect along the edge of a part
- Full Geometric Inspection capabilities.
- Automatic creation of inspection features from CAD nominals
- A step by step Geometric Dimensioning & Tolerancing (GD&T) Wizard
- Point, wireframe and surface export for measured entities.
- CAD manipulation - including surface offsetting (e.g. reverse side for sheet metal, spark gap for electrodes)

Quality Reporting

- Reports are presented graphically so that any discrepancies can be identified at a glance
- Customisable reports can be created to meet the exact requirements of the operator, customer or external quality bodies
- Anything from on-screen images to full reports can be printed

Years of Experience

Delcam has more than 20 years experience in developing and supplying CAD/CAM solutions into more than 50 countries. Delcam is unique among international CAD/CAM software companies in having an in-house engineering workshop and quality control department, which allows thorough testing of all software on real jobs with real quality requirements.



DEL CAM
DEL CAM PLC
Tel: 01202 322 785
Small North Business Park
Elmington RD, UK

Customer: DEL CAM
Description: STUB-AXLE
Start No.: RESIN MODEL
Drawing Number: 145
Custom: AS CAD

Customer phone No.:
Customer fax No.:
Report Type:

Geometric Features - 1

Feat No	Level	Min	Max	Min/Max	Min/Max
1	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000
6	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000
12	0.000	0.000	0.000	0.000	0.000
13	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000
15	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000
17	0.000	0.000	0.000	0.000	0.000
18	0.000	0.000	0.000	0.000	0.000
19	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000
21	0.000	0.000	0.000	0.000	0.000
22	0.000	0.000	0.000	0.000	0.000
23	0.000	0.000	0.000	0.000	0.000
24	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000
27	0.000	0.000	0.000	0.000	0.000
28	0.000	0.000	0.000	0.000	0.000
29	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000
31	0.000	0.000	0.000	0.000	0.000
32	0.000	0.000	0.000	0.000	0.000
33	0.000	0.000	0.000	0.000	0.000
34	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000
36	0.000	0.000	0.000	0.000	0.000
37	0.000	0.000	0.000	0.000	0.000
38	0.000	0.000	0.000	0.000	0.000
39	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000
41	0.000	0.000	0.000	0.000	0.000
42	0.000	0.000	0.000	0.000	0.000
43	0.000	0.000	0.000	0.000	0.000
44	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000
46	0.000	0.000	0.000	0.000	0.000
47	0.000	0.000	0.000	0.000	0.000
48	0.000	0.000	0.000	0.000	0.000
49	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000

GD&T 1 Perpendicularity Accepted

Feature	Control	Material	Feature	Control	Material
Datum A	Plane 1	Perpendicularity	0.000	0.000	0.000

GD&T 2 True Position Accepted

Feature	Control	Material	Feature	Control	Material
Datum A	Plane 1	True Position	0.000	0.000	0.000
Datum B	Plane 2	True Position	0.000	0.000	0.000
Datum C	Circle 2	True Position	0.000	0.000	0.000
Result			0.000	0.000	0.000

Surface Inspection Points

Name	Offset	Tol	Tol	X	Y	dz	DL
SP-1	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-2	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-3	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-4	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-5	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-6	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-7	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-8	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-9	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-10	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-11	0.000	0.000	0.000	10.000	10.000	0.000	0.000
SP-12	0.000	0.000	0.000	10.000	10.000	0.000	0.000

