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Computer-aided design and manufacturing systems are commonly referred to as CAD/CAM. THE ORIGINS OF CAD/CAM Page 5/25

CAD had its origins in three separate sources, which also serve to highlight the basic...

Computer-Aided Design (CAD) and Computer-Aided ... CAD/CAM stands for computer-aided design & computer-aided manufacturing. CAD/CAM software is used to design and manufacture prototypes, finished products, and

production runs. An integrated CAD/CAM system offers one complete solution for design through manufacturing.

#### CAD/CAM | Computer-Aided Design And Manufacturing | Autodesk

Any matter for an object in the world exists in one of four distinct states, i.e. solid, liquid, gas, and plasma. The solid state

is a common state for the majo cturing By

Computer Aided Design and Manufacturing Computer-aided design/computer-aided manufacturing (CAD/CAM) refers to hardware and software systems that can be used in manufacturing or design processes. Professionals use CAD/CAM tools in multiple stages of

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What is Computer-Aided Design/Computer-Aided Manufacturing ...
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Computer-Aided By Design and Manufacturing (CAD/CAM) Computer-aided manufacturing (CAM) also known as Computer-aided Modeling or Computeraided Machining is the use of software to control machine tools and related ones in the manufacturing of work pieces. This is not the only definition for CAM,

but it is the most common; CAM may also refer to the use of a computer to assist in all operations of a manufacturing plant, including planning, management, transportation and storage.

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computer graphics and its use in design by industrial robots, computer control of manufacturing processes, computerintegrated production...

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that drive automated tools/machines. This allows designers to submit designs and specifications directly to machines without the need to develop jigs or program machines manually.

#### What Is Computer-Aided Manufacturing (CAM)? - Technical

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• CAD/CAM = Computer Aided Design and Computer Page 14/25

Aided Manufacturing. It is the technology By concerned with the use of computers to perform design and manufacturing functions. • CAD can be defined as the use of computer systems to perform certain functions in the design process.

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maxillofacial implants. Memon AR(1), Wang E(1), Hu J(1), Egger I(1)(2)(3)(4), Chen X(1). Author information: (1)Institute of **Biomedical** Manufacturing and Life Quality Engineering, State Key Laboratory of Mechanical System and Vibration, School of Mechanical Engineering ...

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used to increase the productivity of the designer, improve the quality of design, improve communications through documentation, and to create a database for manufacturing.

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