DTE KNOWLEDGE ORGANISER

SOLIDWORKS DOCUMENTS
CREATING A PART
CREATING A SKETCH
SELECTING A PLANE
GENERATING A SKETCH
CHANGING DIMENSIONS
MODIFYING ENTITES
EXTRUDED BOSS/BASE
EXTRUTED CUT
FILLET
CHAMFER
SHELL
CREATING A PLANE
LOFTED BOSS/BASE
DRAFT
3D PATTERNS
REFERENCE GEOMETRY
ZOOM TO FIT/AREA
SECTION VIEW
VIEW ORIENTATION
DISPLAY STYLE
XYZ MEASUREMENTS
POINT TO POINT MEASUREMENT
ARC/CIRCLE MEASUREMENTS
INSERT COMPONENTS
MOVE / ROTATE COMPONENTS
MATE
SELECTING GEOMETRY
ASSIGNING MATERIALS
ASSIGNING DECALS
EDIT SCENE
PHOTOVIEW 360
PHOTOVIEW 360 OPTIONS
FINAL RENDER
RECALL LAST RENDER
SHEET FORMAT/SIZE
MODEL VIEWS

HT3- Y9 CAD

WHAT IS CAD?

WHAT WILL YOU BE COMPLETING THIS TERM

WHERE IS SOLIDWORKS USED

SMART DIMENSIONS

Solidworks is widely used in various industries for 3D modelling, simulation, and product design. It is commonly used in industries such as automotive, aerospace, consumer goods, and machinery. Solidworks is known for its user-friendly interface and powerful capabilities, making it a popular choice for engineers and designers. Many companies use Solidworks for tasks such as creating prototypes, simulating product performance, and generating manufacturing documentation. Overall, Solidworks is a prominent tool in the industrial landscape for product development and design.









Sketch

Dimension



Reference

Geometry















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Offset



























