

# **DWG Export for Solid Edge Help**

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# DWG Export for Solid Edge Help

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Welcome to *DWG Export for Solid Edge* Help!

This help file provides all the information you need to understand and use *DWG Export for Solid Edge*. Click the links below or use the Contents tab on the left to browse help topics. You can also scroll the topics on the above right hand pane.

The *DWG Export for Solid Edge* help file is divided into the following sections:

- [Introduction](#) - Introduction to *DWG Export for Solid Edge*.
- [Command Reference](#) - Quick reference of all the commands added by *DWG Export for Solid Edge*.
- [Tutorial](#) - Tutorial to get you started in the shortest possible time.

If you need any additional information please [contact](#) SYCODE.

**Note:**

- If you have trouble loading the *DWG Export for Solid Edge* add-in file into the Solid Edge environment, please refer to the [ReadMe](#) file.
- Please read the [License Agreement](#) before using the software.

# Introduction

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*DWG Export for Solid Edge* is an AutoCAD DWG file export add-in for Solid Edge®. This add-in gives Solid Edge the ability to export 3D solid data from a Solid Edge part and assembly document to 3d solids or meshes in an AutoCAD DWG file.

*DWG Export for Solid Edge* reads the solid models from the current Solid Edge part or assembly and writes them as 3d solids in an AutoCAD DWG file. It can also tessellate the solid bodies into individual triangular meshes. These meshes are then exported to a DWG file as 3D Polyface Mesh, 3D Face, Line or Point objects.

*DWG Export for Solid Edge* is very easy to use. It adds new commands to Solid Edge. Once installed, it automatically loads itself into Solid Edge and adds a new submenu called "DWG Export for Solid Edge" to the Solid Edge Applications menu containing the newly added commands.

*DWG Export for Solid Edge* comes with detailed documentation as well as a [tutorial](#) to get you started in the shortest possible time.

If you need any additional information please [contact](#) SYCODE.

## **The DWG File Format**

DWG is a format used for storing two and three dimensional design data and metadata. It is the native format for the AutoCAD Computer Aided Design package, as well as IntelliCAD (and its variants), and PowerCAD. DWG is supported non-natively by several hundred other software applications.

DWG (denoted by the .dwg filename extension) was the native file format for the Interact CAD package, developed by Mike Riddle in the late 1970s, and subsequently licensed by Autodesk in 1982 as the basis for AutoCAD. From 1982 to 2007, Autodesk created versions of AutoCAD which wrote no less than 18 major variants of the DWG file format, none of which it publicly documented.

The DWG format, has become a de facto standard for CAD drawing interoperability. It has been estimated that there are in excess of two to four billion DWG files in existence.

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## ReadMe

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This is a *DWG Export for Solid Edge* ReadMe file.

DWG Export for Solid Edge is an add-in for Solid Edge

### Installation:

=====

The installer adds DWG Export for Solid Edge to the list of available add-ins installed for Solid Edge. To verify whether DWG Export for Solid Edge has been properly loaded into Solid Edge invoke the "Add-In Manager" by clicking on the "Applications" menu, then "Add-Ins" and finally "Add-In Manager". Verify that "DWG Export for Solid Edge" is present in the list of "Available Add-Ins" and make sure that its check box is checked.

Now DWG Export for Solid Edge is ready for use.

### Usage:

=====

DWG Export for Solid Edge adds new commands to Solid Edge. It also adds a submenu to the Solid Edge menu called "DWG Export for Solid Edge" containing these new commands. This submenu is located in the Applications -> Add-Ins submenu. Simply click on the menu items in this sub menu to run these new commands.

The new commands are:

- 1) Export - Exports a DWG file
- 2) Help - Display the DWG Export for Solid Edge help file
- 3) Register - Display the DWG Export for Solid Edge product registration dialog box
- 4) About - Display the DWG Export for Solid Edge about box

Note: The "DWG Export for Solid Edge" submenu is available only when a document (part, assembly, etc.) is open. This is due to the way Solid Edge is designed.

### Support:

=====

For support, please E-Mail [support@sycode.com](mailto:support@sycode.com)

## Contact

---

|                 |  |
|-----------------|--|
| Mailing address | S1/116, Nova Cidade Complex,<br>NH 17, Alto Porvorim,<br>Goa - 403521<br>India |
| Phone           | +91 9822689298   |
| Fax             | +91 832 2416615  |
| E-Mail          | <a href="mailto:info@sycode.com">info@sycode.com</a>                           |
| Web Site        | <a href="http://www.sycode.com">http://www.sycode.com</a>                      |

# Command Reference

---

*DWG Export for Solid Edge* adds a new menu to Solid Edge. It also adds a ribbon bar to Solid Edge called "Add-Ins" containing the following commands.

|                          |   |
|--------------------------|---|
| <a href="#">Export</a>   | Exports a DWG file  |
| <a href="#">Help</a>     | Displays the <i>DWG Export for Solid Edge</i> help file                       |
| <a href="#">Register</a> | Displays the <i>DWG Export for Solid Edge</i> product registration dialog box |
| <a href="#">About</a>    | Displays the <i>DWG Export for Solid Edge</i> about box                       |

## Export

---

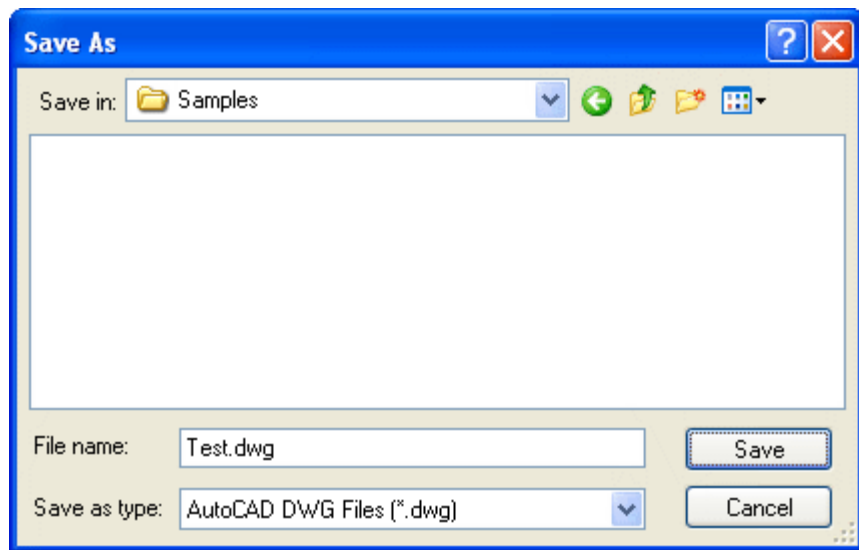
**Menu Button**      Add-Ins > Export

---

This command is used to export to a DWG file.

### To export to a DWG file

1. Click the *Export* button on the "Add-Ins" ribbon bar.
2. You will be presented with a *Save As* dialog box. Select the DWG file you wish to export and click *Save*.



3. The *DWG Export for Solid Edge Options* dialog box is displayed. Select the options and click *Ok*.

## Help

---

**Menu Button**      Add-Ins > Help

---

This command displays the help file. The [Welcome](#) page is a good place to start.

## Register

**Menu Button** Add-Ins > Register

This command is used to register your copy of *DWG Export for Solid Edge*.

You need a license key to start using the software. A license key can be of two types: Trial or Permanent. A trial key is issued to you instantly and completely free of cost so that you may try the software before you purchase a license. A permanent key is issued after you have purchased a license.

SYCODE License Server

Product Name: DWG Export for Solid Edge ST version 1.0

Host ID: 00-1E-8C-9C-71-44

License Key: 2mA10C1f6501j740Cejwtg23SYrHNP04Tf1DQAAH0BzD0807F  
9h70RE971709mw04pU610D119EA+d0CC3D0rUNMA149BDJI  
8Zw.'BC4Cnt4XxCod0FA8506PEDWEAARI02c

=== LICENSE KEY PARAMETERS ===  
Key type: Trial  
Expires: 03-Oct-2009  
Runs remaining: 10

### How do I get a Trial Key?

Simply click the 'Request Key' button and select 'TRIAL KEY' as the type of key being requested. Fill the form and submit it. A trial key will be immediately sent to you by email.

### How do I get a Permanent Key?

To get a permanent key you need to have already purchased a license. If you have not yet purchased a license you can do so by clicking the 'Buy Online' button. After you place your order click the 'Request Key' button and select 'PERMANENT KEY' as the type of key being requested. Fill the form and submit it. Your order will be verified and a permanent key will be sent to you by email within one business day.

### IMPORTANT:

## DWG Export for Solid Edge Help

- (1) Please ensure that your computer is connected to the internet before you request for a key.
- (2) Please be sure to enter a valid email address as the key will be sent to you by email.
- (3) To avoid disruption in your work-flow we urge you to place your order before the trial period ends.

If you need anything else please send an email to [register@sycode.com](mailto:register@sycode.com)

## About

---

**Menu Button**      Add-Ins > About

---

This command is used to display the *DWG Export for Solid Edge* About box. The About box lists the product and its version.



# Tutorial

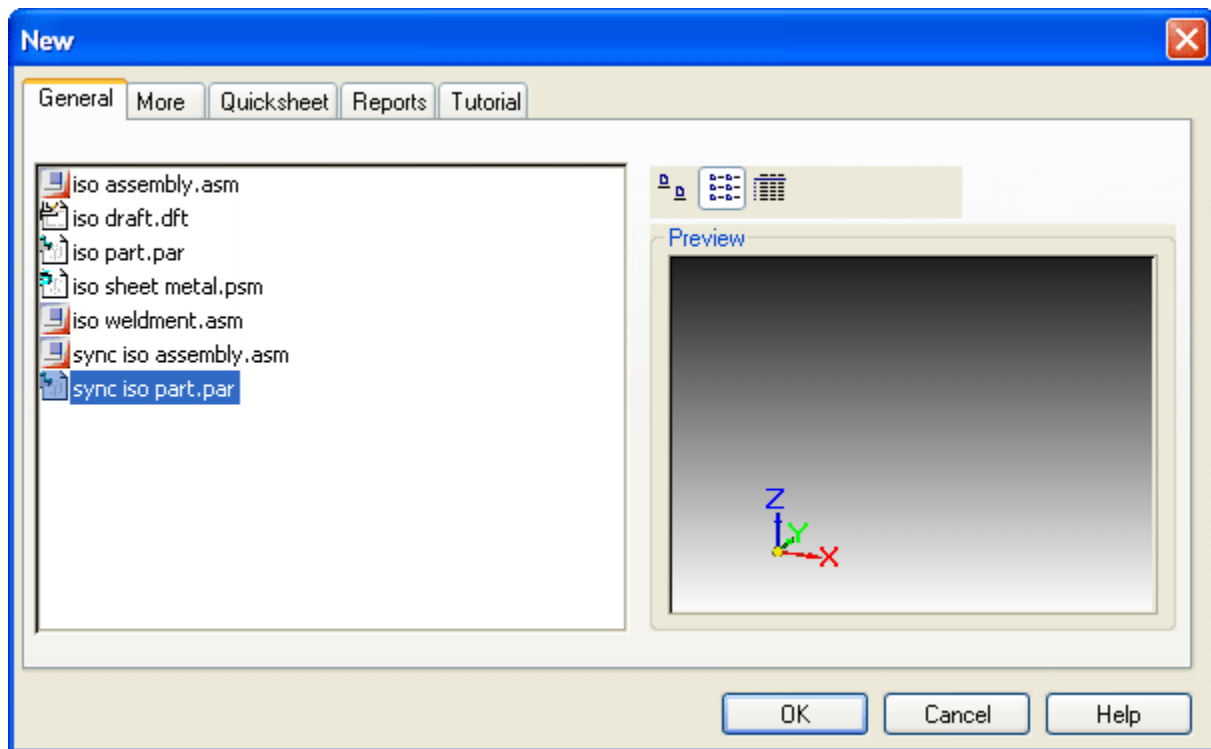
---

This tutorial provides the necessary information and hands-on experience to help you get started with *DWG Export for Solid Edge*.

**Step 1:** Start Solid Edge (if you haven't already).

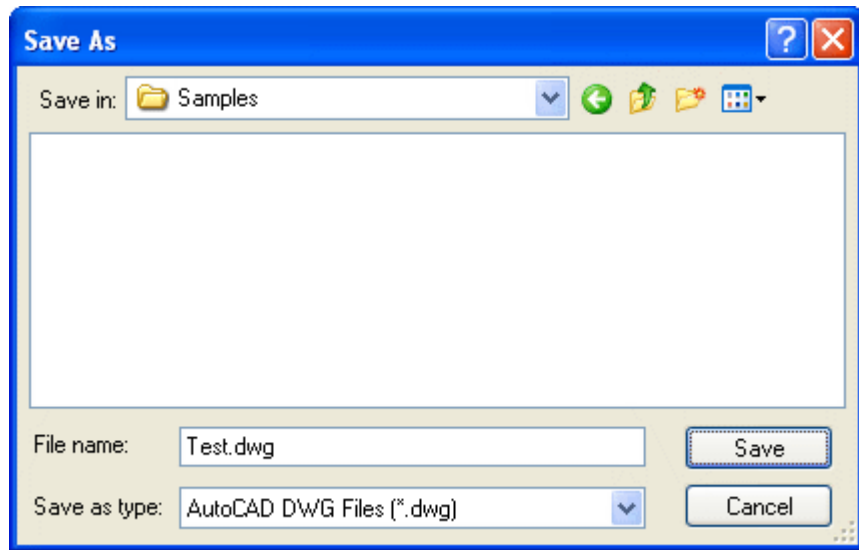
**Step 2:** Select *Open* from the *File* menu. You will be presented with the *Open File* dialog box. Browse for the file typically located in ("C:\Program Files\SYCODE\DWG Export for Solid Edge\Samples\Piston.sat") and click *Open*.

**Step 3:** The Solid Edge *New* dialog box will pop up. Select any ".par" file and click *Ok*. This will import the SAT file as a new part document.

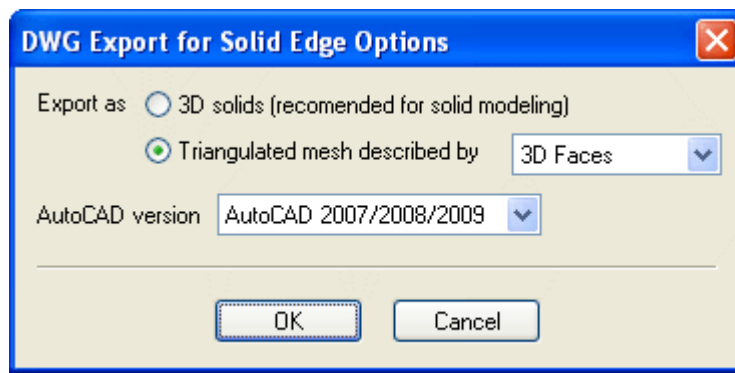


**Step 4:** Click the *Export* button on the "Add-Ins" ribbon bar.

**Step 5:** The *Save As* dialog box is displayed. Select an output DWG file name and click *Save*.



**Step 6:** The *DWG Export for Solid Edge Options* dialog box is displayed. Select the options and click *Ok*.



The model will be exported to the DWG file you specified.