

MiSUMi RAPiD Design

What is MISUMI RAPiD Design?

RAPiD Design is a 3D CAD component library that enables engineers to select and modify MISUMI components, create CAD models and request quotations directly within their CAD environment. In addition to MISUMI's own products, the library also supports products from other brands available in the MISUMI range.

This real-time add-on combines all processes, from searching for and selecting components, through dimensioning and customisation, to importing the generated 3D models into the CAD environment. Time-saving additional functions, such as creating a bill of materials (BOM), automatic part number generation, instant price and delivery time enquiries, and the simple transfer of components to the MISUMI shopping cart, simplify the entire design and procurement process.

Technical requirements

Supported CAD software	Autodesk Inventor 2025 or earlier SOLIDWORKS 2026 or earlier
Operating system	Windows 11 or 10 (64-bit)
CPU	2.5 GHz or higher
RAM	16 GB RAM or more
Graphics	2 GB VRAM or more
Storage	5 GB free storage space
Network	Internet connection required

Note

Provided your system meets the requirements of the supported CAD software, RAPiD Design can be installed and used on this device.

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Downloading and installing the software

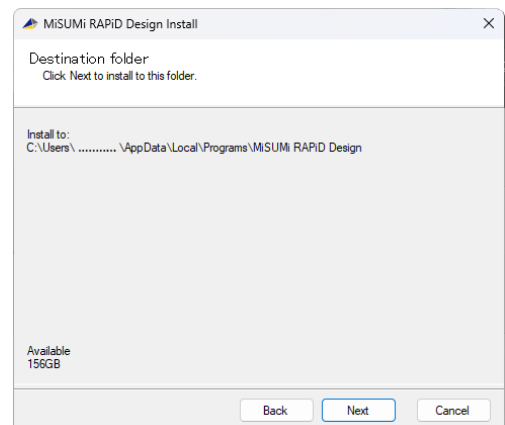
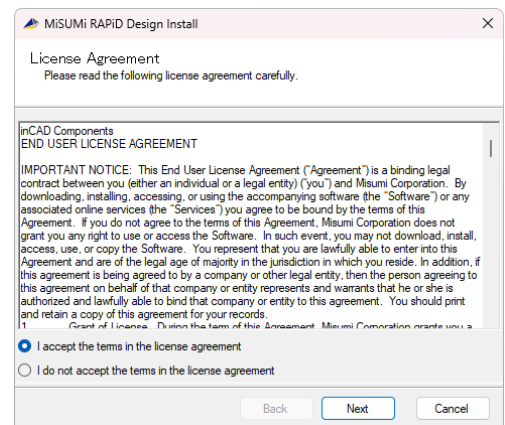
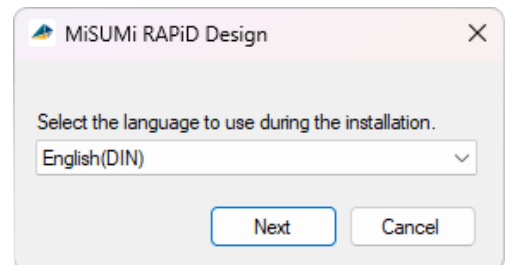
1. To download RAPiD Design, visit:
<https://uk.misumi-ec.com/en/service/rd/>
2. Click on the “Download RAPiD Design now” button.
3. Log in with your MyMISUMI account.

TIP!

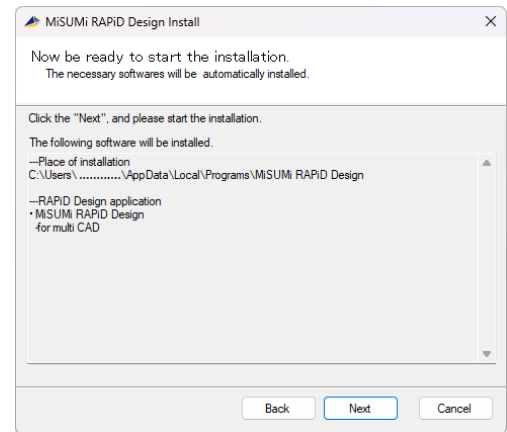
Are you already logged in but the “Download now” button is not showing?

Please refresh the page in your browser using the “Refresh” function.

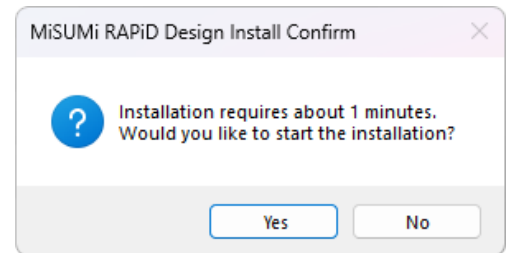
4. Click on the “Download now” button to start the download.
5. Once the download is complete, unzip the ZIP file. Open the unzipped folder and run the file “MisumiRD_Multi_setup_dl.exe” located inside the folder.
6. The installation screen will open. Select your preferred language and start the installation by clicking the “Next” button.
7. The End User Licence Agreement will be displayed. Once you have read and agreed to the End User Licence Agreement, please click the “Next” button.
8. Information regarding the installation path will be displayed. To confirm the installation location, please click the “Next” button.



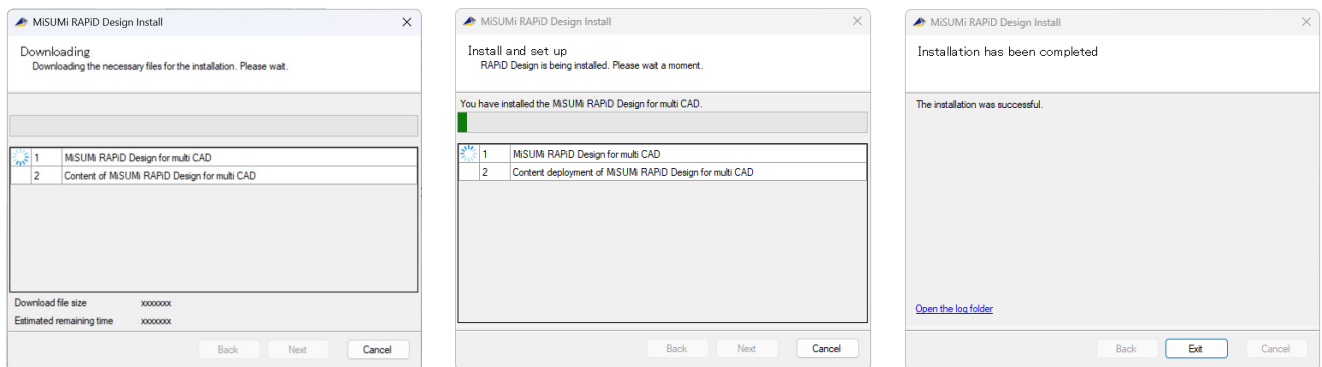
9. The message “Now be ready to start the installation” will appear. Click the “Next” button.



10. Confirm the installation by clicking the “Yes” button.



11. The required installation files will be downloaded and the installation will begin.



12. When the message “Installation has been completed” appears, the installation is finished.

Getting started

Launching RAPiD Design and logging in

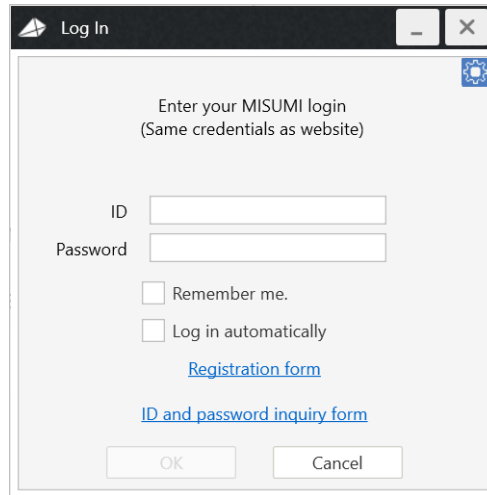
1. Only launch the RAPiD Design add-on once the CAD environment (SOLIDWORKS / Inventor) is already open.

- Log in using the ID and password associated with your MISUMI account.

Don't have a login ID or password? Register [here](#).

Forgotten your login ID or password?

Click [here](#) to reset your password.



Log In

Enter your MISUMI login
(Same credentials as website)

ID

Password

☐ Remember me.

☐ Log in automatically

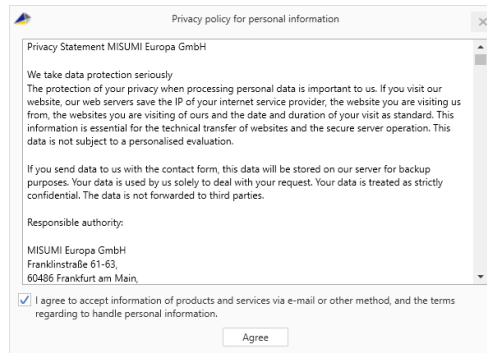
[Registration form](#)

[ID and password inquiry form](#)

OK Cancel

- When you launch RAPiD Design for the first time, the "Privacy policy for personal information" will be displayed.

To use the add-on, you must agree to the terms of the agreement.



Privacy policy for personal information

Privacy Statement MISUMI Europa GmbH

We take data protection seriously
The protection of your privacy when processing personal data is important to us. If you visit our website, our web servers save the IP of your internet service provider, the website you are visiting us from, the websites you are visiting of ours and the date and duration of your visit as standard. This information is essential for the technical transfer of websites and the secure server operation. This data is not subject to a personalised evaluation.

If you send data to us with the contact form, this data will be stored on our server for backup purposes. Your data is used by us solely to deal with your request. Your data is treated as strictly confidential. The data is not forwarded to third parties.

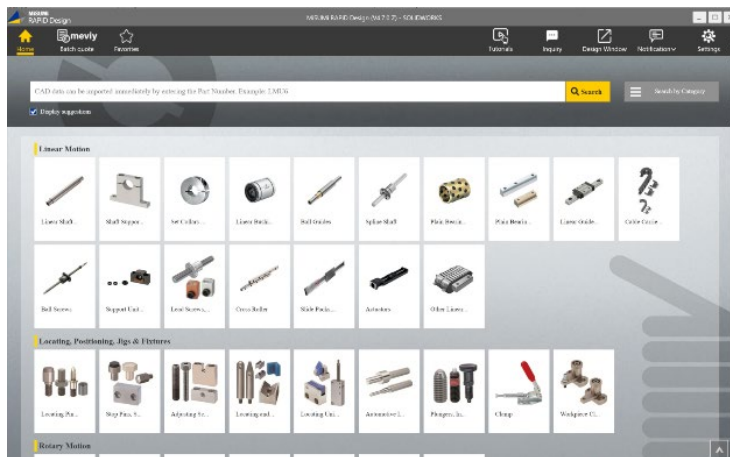
Responsible authority:
MISUMI Europa GmbH
Frankfurterstraße 61-63,
60486 Frankfurt am Main.

☒ I agree to accept information of products and services via e-mail or other method, and the terms regarding to handle personal information.

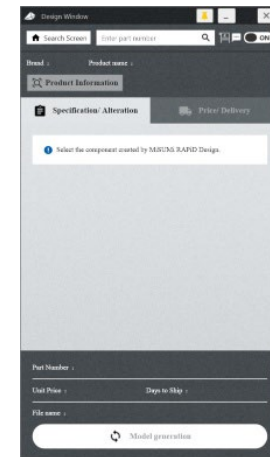
Agree

Once you have logged in successfully, the following window will open:

The start window



The design window

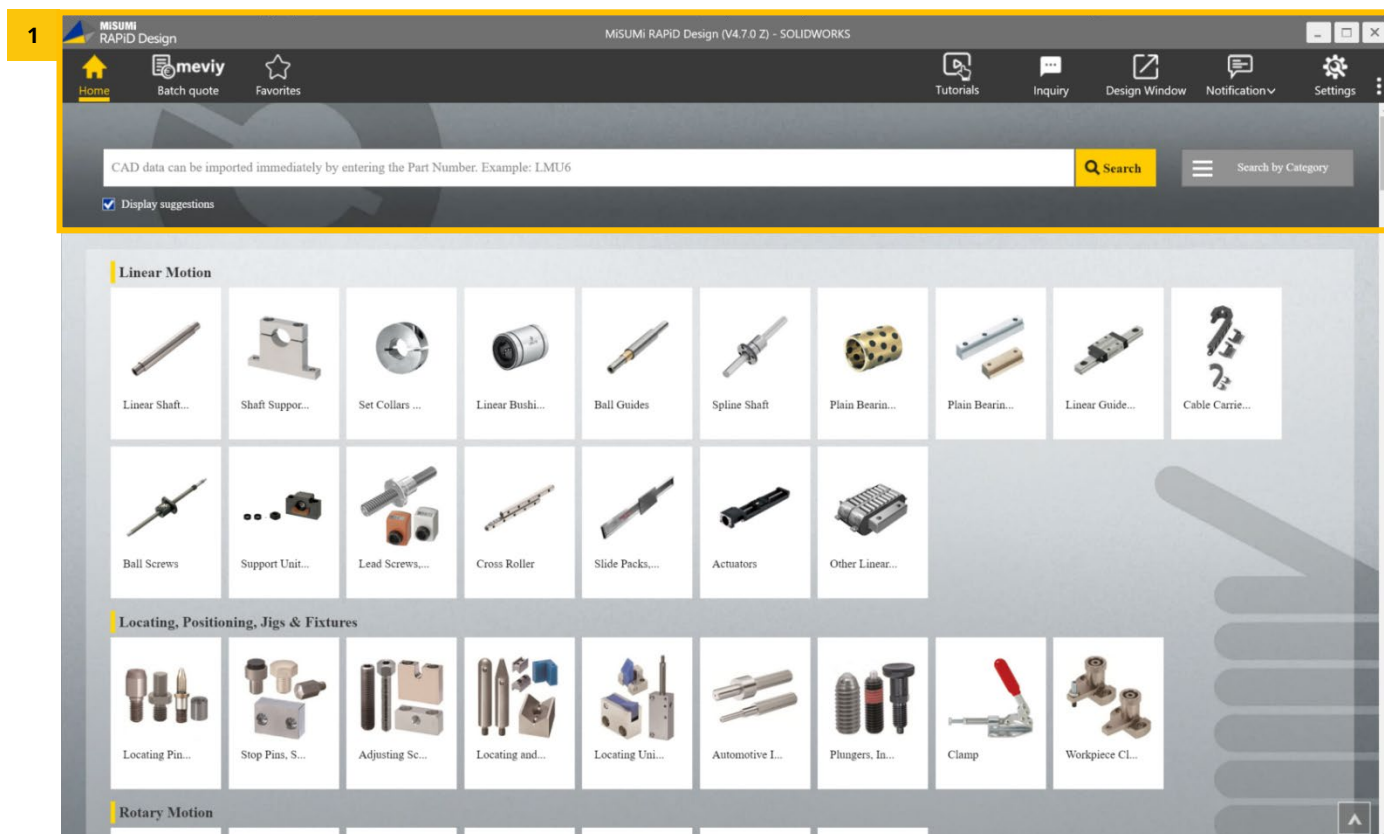


Both windows can be freely positioned using the mouse (click and hold the left mouse button* in the header area).

By clicking on the edges of the windows, you can adjust their height or width.

*This may vary depending on your mouse button configuration.

Component library: The RAPiD Design home screen (Home)



1



“Home” button:

Press this button to return to the home screen with the component library or to reset the search.



“meviy Batch quote” button:

Press this button to create an automatically generated bill of materials.
(See “Create Parts List / Bill of Materials”)



“Favorites” button:

Press this button to open the “Favorites List” window. Frequently used parts can be saved as favorites and selected directly from this list.
(See “Window: Favorites”)



“Tutorials” button:

Press this button to open the “Tips, Tricks and Tutorials” website in your browser.



“Enquiry” button:

The “Enquiry” button opens a pop-up with the following options:

- Submit an enquiry by email.
- Open the AI support chat.
- Visit the support page.



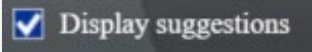
“Design Window” button:

If the design view is closed, you can reactivate it by pressing the “Design Window” button.



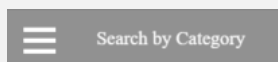
“Notification” button:

This button opens a drop-down menu with the following options:

	• Notification (history of recent notifications). • Technical Information (MISUMI Techblog). • Support Site (opens MISUMI support page).
	“Settings” button: This button opens a pop-up with the following options: • Set up a proxy server manually. • Define the CAD format of the imported models. • Set the separator for naming during model import. • Customise the name of the part number property field. • Customise the naming of the supplier name property field. • Set the retention period for the model history. • Export or import favorites or part number history as a CSV file. • Configure basic settings for the parts list and the import of drawing parts. • Export or import the settings you have configured. (See “Settings”)
	Further information: From here you can log out of RAPiD Design, view the RAPiD Design END-USER LICENCE AGREEMENT and find details on data protection.
	Search bar: Here you can search for possible components in the component library by entering a search term. The search is not case-sensitive.
	
	“Search” button: Starts a search for the search term entered in the search field. Alternatively, you can start the search by pressing the Enter key after entering the search term. Press the “Home” button to end the search and return to the parts library home screen.
	Display suggestions: If this box is ticked, a list of suggested search terms or part numbers will automatically be displayed based on the text entered in the search field. If a matching component is found, you can select it from the list of suggestions displayed. (See “Visual component search in the component library”)

TIP!

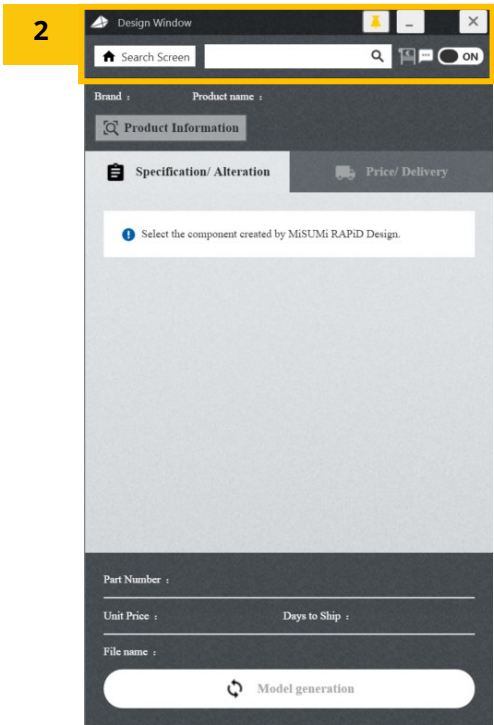
You can search using keywords such as product name, type code, etc.
A search using the full part number skips the selection process and opens the fully populated design window. The model can be generated directly from the design window and imported into SOLIDWORKS.



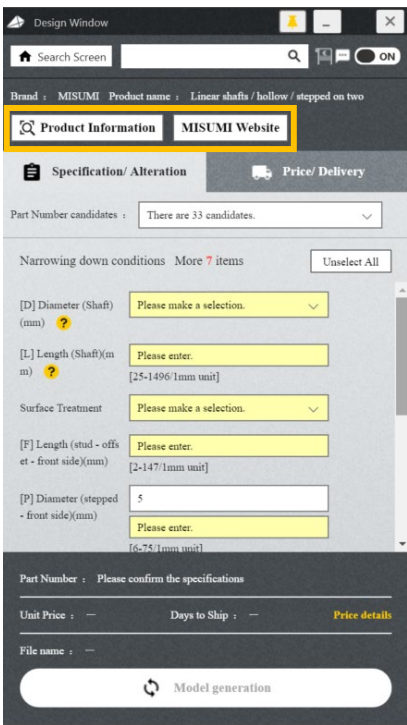
Use the “Search by Category” function to reduce the number of category images displayed.
Press the “Home” button to reset the search.

Design window: Configuring components

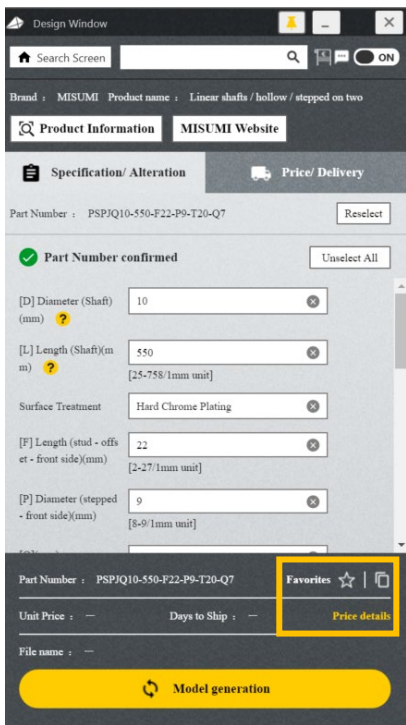
Appearance without a component selected



Appearance with a pre-selected component



Appearance with a fully configured component



2



Pin button:

When the Pin button is enabled (yellow icon), the design window always remains in the foreground. It cannot be covered by any other application.

When the Pin button is deactivated (grey icon), the design window may be covered by another application when switching to it.



Component Recognition button:

The Component Recognition button allows you to disable background services such as RAPiD Design's automatic component recognition. This reduces loading times in the CAD environment, as stored component information is not automatically loaded into the design window.

When component recognition is disabled, the design window is automatically minimised and queries between SOLIDWORKS and RAPiD Design are disabled.



Bill of Materials button:

Press the Bill of Materials button to create a bill of materials generated automatically by RAPiD Design.

(See "Creating a Parts List / Bill of Materials in RAPiD Design")

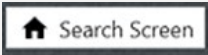
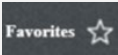


Enquiry button:

This button opens a pop-up window with the following options:

- Submit an enquiry by email.
- Open the AI support chat.
- Visit the support page.



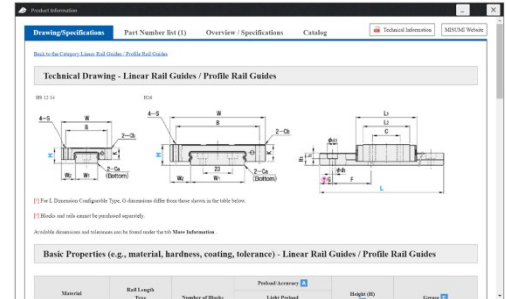
	“Search Screen” button: This button opens the home screen to start a visual search using the thumbnails in the component library. The window is automatically displayed on top of the CAD application. TIP! Close the “Home” parts library window after searching for parts and, if necessary, reopen it using the “Search Screen” button.
	Search bar: Search via text input. Click the magnifying glass icon or press the Enter key to start the search using the search term you have entered. TIP! A search using the full part number skips the selection process. The model can be generated straight away.
	“Product Information” button: This button opens the “Product Information” window. (See “Window: Product Information”)
	“MISUMI Website” button: The MISUMI Website button opens the product page corresponding to the product preselection in the MISUMI webshop. The information entered in the design window is transferred directly to the webshop and does not need to be re-entered.
	“Favorites” button: This button allows you to add a favorite directly from the design window or remove it from the favorites list by clicking on the star. • Yellow star = Save to favorites list. • White star = Do not save as a favorite. TIP! To view the list of favorites you have created, please use the Favorites button on the home screen (Component Library). (For further information, see “Window: Favorites” and “Component Library: The RAPiD Design Home Screen”)
	Copy Part Number button: The Copy Part Number button copies the part number of the fully configured item to your computer’s clipboard. TIP! Use this function to avoid errors when manually copying part numbers. Simply paste the part number stored in the clipboard wherever you need it.
	“Price details” button: Clicking this button switches the design window view to the “Price/Delivery” tab. To request a real-time quote and delivery time for the fully configured component, please enter the required quantity in the “Price/Delivery” tab of the design window and then click the “Check price” button.

Window: Product Information

In the “Product Information” window, you will find detailed technical information such as drawings, material tables and specification tables.

You can switch between the views by selecting the relevant tab. Clicking the “MISUMI Website” button opens the corresponding product page in the MISUMI webshop.

If you change the selected component in the CAD environment, the “Product Information” window is updated automatically.



TIP!

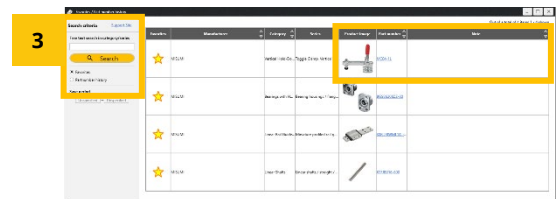
In the “Part Numbers list” tab, a clear list of possible part numbers corresponding to your preselection is displayed in the design window, based on the progress of the configuration.

Window: Favorites

In the “Favorites / Part number history” window, you will find all the parts you have saved as favorites.

Your favorites are stored permanently.

To remove a part from the favorites list, please click the “★” icon.



TIP!

The number of saved favorites directly affects the loading times of the favorites list. Reduce loading times by adding only one variant of each favoured component and customising it to your requirements in the design window as needed.

3

Free text search in category/series

MISUMI

Search

☒ Favorites

☐ Partnumber history

Part number history:
Maximum retention period: 999 days



Search function:

Use the search function to quickly find components in your favorites list or parts number history. This search is case-insensitive.

Entries in the “Notes” field are also included in the search.

Unique entries make it easier to organise and retrieve information.

TIP!

Narrow down the search period in the part number history.

By clicking on the star, you can add components from the part number history to your favorites or remove them from your favorites.

(For settings on the retention period, see “Settings”)

Apply component:

Click on the component number – in the example, “MC04-1L” – to transfer the component from the favorites list into the design window.

You can import the component directly from the design window into the CAD environment or adjust individual parameters before importing.

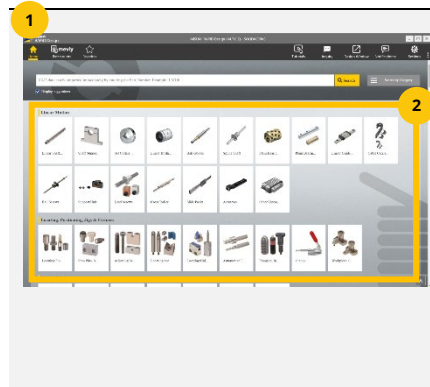


To sort your favorites, use the “📁” button in the relevant column header.

Please note that only one sorting order is displayed at a time.

Further sort orders will only take effect once the previous sort order has been deactivated.

Visual component search in the component library

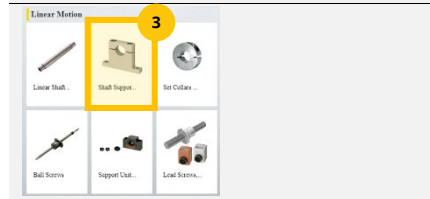


Intuitive/visual search by main category and images:

1. Reset the component library by pressing the "Home" button.
2. Look for the tile with the image of the category you are looking for in the category overview. You can view all available categories by scrolling with the mouse or the scroll bar.

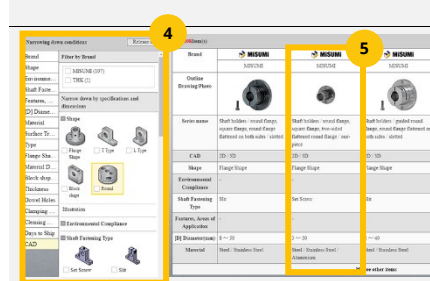
TIP!

Use the "Search by Category" function to reduce the number of categories (category images) displayed.
Press the "Home" button to reset the search.



3. Selecting a tile narrows down the search results to that category and displays the relevant subcategories.

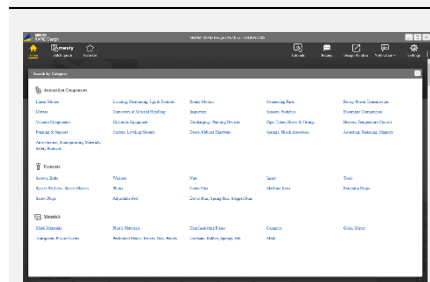
Repeat this process using the category tiles until an overview of the search criteria appears on the left-hand side of the selection window. (see point 4)



4. By "Narrowing down conditions", you can further narrow down the search results.

The display of matching parts is updated based on the criteria you have defined.

5. Selecting a component adds it to the design window, where it can be fully configured.

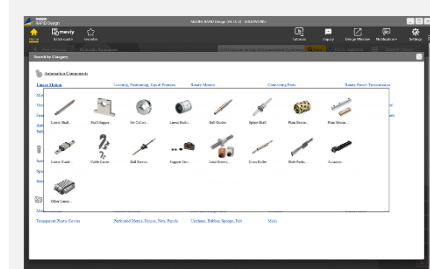


TIP!

Preselection via the main category of the component library

Use the "Search by Category" function to display an overview of the main categories without preview images.

Select the desired category by clicking with the mouse and continue with steps 3 to 5.



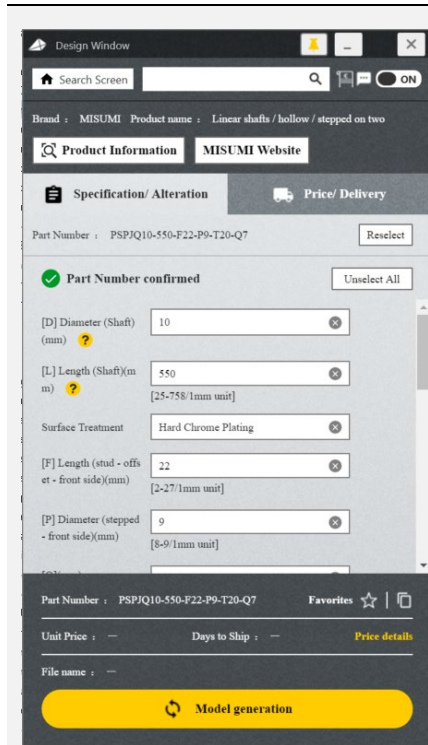
As an alternative to the previous method, you can also select the sub-category directly in the preview window shown here.

If you hover the mouse pointer over a main category, the subcategories it contains are displayed with a category image.
You can now move the mouse pointer over the desired sub-category and select it by clicking the mouse.

The rest of the selection process is carried out as described in steps 4 and 5.

Creating components

Generate a CAD model in the design window



The design window guides you step by step through the configuration process.

Depending on the component, there are different input options for the configuration.

- When you click on a selection field, an overview of the available options is displayed.
- Input fields require you to enter a value that must fall within the value range defined below the field.

When the “Model generation” button changes from grey to yellow, the component has been fully configured.

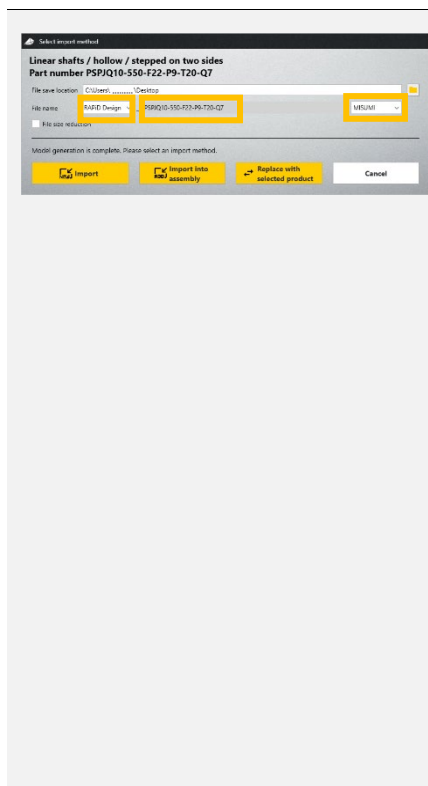
Once the model has been successfully generated, a window will appear allowing you to specify the file name and save location.

TIP!

MISUMI offers additional options or customisations for many parts.

Filling in the relevant field applies the customisation to the component. However, this is not usually shown graphically on the CAD model.

Importing the generated model into the CAD environment



When importing the component, you can add any free-form text before and after the part number. The component name created in this way is displayed in the CAD software's file tree.

The component name defined here is also used as the filename for your locally saved file.

A separate subfolder is created for each component and permanently stored at the save location. If a component is subsequently modified, the old component subfolder remains in the project folder. Multiple variants of a component thus result in multiple component subfolders stored in the project folder.

If you wish to import an identical component again, this can be done easily by modifying the free text at the beginning or end of the name. This is particularly useful if you may wish to modify the component again at a later date.

TIP!

RAPiD Design adds a number of features to each CAD model so that its shape and dimensions can still be modified after importing into the CAD environment. Although these features are disabled in the directory tree, they increase its size considerably.

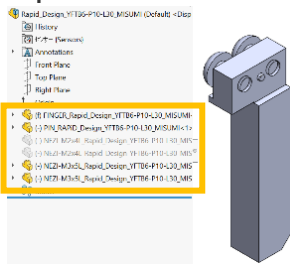
By ticking the “File size reduction” box, you can reduce the size of the model.

Note!

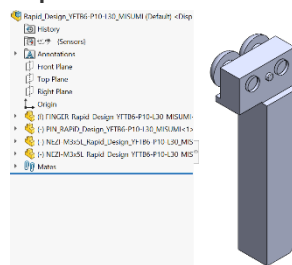
Once the file size has been reduced, the model can no longer be edited in RAPiD Design. (See “File size reduction”)

File size reduction (removal of editing functions)

Import without file size reduction



Import with file size reduction



TIP!

To reactivate all features removed by the file size reduction, select the component in the CAD environment, regenerate the model, change the file name in the front field (free text entry) and, during import, select the option “Replace with selected product”.

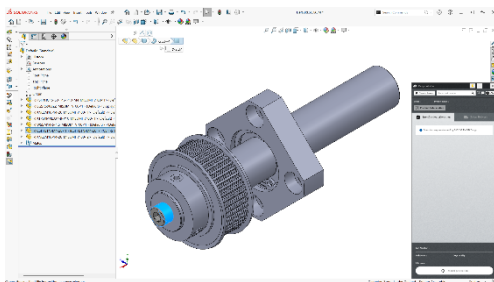
Customising CAD models in RAPiD Design

Note!

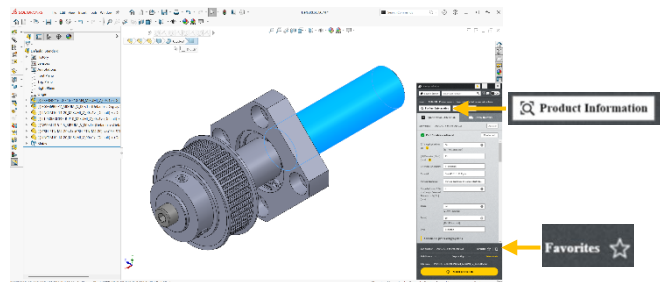
RAPiD Design editing can only be applied to components that were also created in RAPiD Design. Editable parts are automatically recognised and loaded into the design window. This process may take a few seconds.

If you need to adjust a field that is not displayed in , you can reconfigure the component by clicking the “Unselect” button.

Components that cannot be edited in RAPiD Design



Components that can be edited in RAPiD Design



1. Select the component to be customised in the CAD environment (the details will be loaded into the design window).
2. Enter the new value in the relevant field and confirm it using the “Tab” key or “Enter” key.
3. Once the component has been fully configured, the “Model generation” button will change from grey to yellow.
4. If desired, define further customisations in the **“Additional processing/options”** section of the design window.
5. Start model generation and import the component by selecting “Replace with selected product”.

Note!

When importing using “Replace component”, only **one** component is ever replaced, regardless of how many identical components you have selected in the CAD environment.
(For further information, see: Using identical parts)

TIP!

To reactivate files with reduced file sizes, select the component in the CAD environment, regenerate the model, change the file name in the front field (free text input) and, during import, select the option “Replace with selected product”.

Click the “Product Information” button to view further details about the item and any additional editing functions. Click the star to add the component to your favorites.

Use of identical components

Note!

RAPiD Design only allows you to edit components used in an assembly if they were also created in RAPiD Design. Editable parts are automatically recognised and loaded into the design window.

If you need to modify several identical components, create the new component in RAPiD Design, import it into the CAD environment and use the CAD software's "Replace Component" function.

Importing identical components

RAPiD Design does not support the direct import of multiple components with identical names into the CAD environment.

For each component imported by RAPiD Design into the CAD environment, a separate subfolder is created in the defined project folder. If a component is subsequently modified, the old component subfolder remains in the project folder. Multiple variants of a component therefore result in multiple component subfolders being stored in the project folder.

If several identical components are to be used in an assembly, a distinction must be made as to whether they are to be customisable later either separately (with unique names) or collectively (with identical names).

Importing identical components with name customisation

When importing a component, you can add any free text before and after the part number. The component name created in this way is displayed in the CAD software's file tree. The name of the file saved on your computer in the selected location corresponds to the combination you specify here.

Identical components can thus be distinguished during the import process based on the free text. This is particularly advantageous if you wish to uniquely identify the component at a later stage.



Any free text can be added to the text fields before and after the part number (middle section).

For example, if you enter "Part_1" for the first imported component and "Part_2" for the second identical imported component, both parts can be clearly identified later.

TIP!

Enabling the "File size reduction" function can significantly reduce the file size in some cases. Instead of all optional component options, only the component information required for the selected configuration is then imported.

Creating a parts list in RAPiD Design

In addition to the parts list generated by your CAD software, you can also view and export a bill of materials (BOM) for your project in RAPiD Design. The settings defined in the CAD environment regarding whether a component should be included in the BOM are considered by RAPiD Design when creating the BOM.

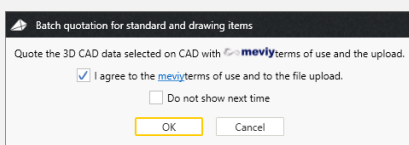
To create a bill of materials in RAPiD Design, a part or assembly must be open and selected in SOLIDWORKS.

The generated bill of materials contains all the components included and released by you in the assembly, regardless of whether they were created by RAPiD Design.

From the bill of materials overview, you can have the drawing parts contained in the assembly checked for manufacturability by the MISUMI on-demand manufacturing service **meviy** and request a batch quotation. You can also export the bill of materials as a CSV file or add the entire bill of materials directly to your MISUMI shopping cart.

To open the bill of materials, use:

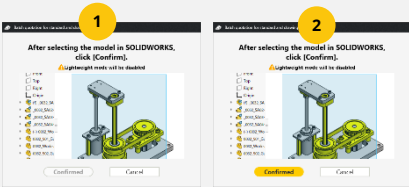
The  button "Bill of Materials" in the Design window or the  button "Batch quote" in the Component Library window (see: Getting Started / Design Window or Component Library)



Accepting the meviy End User Licence Agreement:

1. Please accept the [terms and conditions](#) of the End User Licence Agreement for the MISUMI on-demand manufacturing service, meviy.

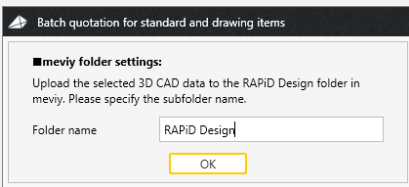
Once you have confirmed, you will be automatically logged in to MISUMI and meviy.



- In the CAD environment, select the components to be included in the bill of materials or the complete assembly.

View of the selection confirmation:

- without a component selected
- with component selected



- Enter a name for the folder used by meviy and confirm by clicking OK.

Note:

The bill of materials distinguishes between MISUMI standard parts and drawing parts.

Components identified as drawing parts are uploaded to the folder defined here on the website of the MISUMI On-Demand Service meviy for automatic checking of manufacturability.

The upload may take some time for complex components.

Example of a bill of materials (BOM)

The list shown contains:

- MISUMI standard parts (Nos. 1 to 6)
- MISUMI parts to drawing – quotation and manufacture available from meviy (Nos. 7 and 9)

No.	File name	Part number	Manufacturer name	Qty	Product image	Batch quotation for standard and drawing items	Quotation	Process	Material	Unit price	Subtotal	Delivery
1	BGSR600Z	BGSR600Z	MISUMI	1		Standard item	-	-	-	3676	3676	8 Days
2	WSSM14-5	WSSM14-5-15	MISUMI	1		Standard item	-	-	-	177	177	8 Days
3	KTPSKMLD	KTPSKMLD37-B-P10	MISUMI	1		Standard item	-	-	-	3720	3720	7 Days
4	RAPiD-Desig	CE4-20	MISUMI	1		Standard item	-	-	-	0.05	5	1 Days
5	KNCML10-1	KNCML10-14-20	MISUMI	1		Standard item	-	-	-	418	418	8 Days
6	new_name_1	PSFRH15-50-F46-P10-M4	MISUMI	1		Standard item	-	-	-	1617	1617	7 Days
7	0075_201_B			1		Drawing item	EN 1.2038					
8	0075_203_A			1		Drawing item						
9	0075_202_S1			1		Drawing item	EN 1.1191					

Estimated amount (total) 96.13 EUR

- To request an automatic quotation from the MISUMI on-demand manufacturing service meviy, press the "Go" button at **Go**.
- Confirm the manufacturing conditions on the meviy website. Further information can be found on the meviy website under ["Technical Information and Applications"](#).

Example of a bill of materials (BOM)

following a successful price and lead time enquiry with meviy.

- Custom enquiry part (No. 8)

An individual manufacturing check by meviy is required for this component.

Please request a manual quotation directly from the component overview on the meviy website.

- Update by pressing the "Batch quotation/Update" button.

No.	File name	Part number	Manufacturer name	Qty	Product image	Batch quotation for standard and drawing items	Quotation	Process	Material	Unit price	Subtotal	Delivery
1	BGSR600Z	BGSR600Z	MISUMI	1		Standard item	-	-	-	3676	3676	8 Days
2	WSSM14-5	WSSM14-5-15	MISUMI	1		Standard item	-	-	-	177	177	8 Days
3	KTPSKMLD	KTPSKMLD37-B-P10	MISUMI	1		Standard item	-	-	-	3720	3720	7 Days
4	RAPiD-Desig	CE4-20	MISUMI	1		Standard item	-	-	-	0.05	5	1 Days
5	KNCML10-1	KNCML10-14-20	MISUMI	1		Standard item	-	-	-	418	418	8 Days
6	new_name_1	PSFRH15-50-F46-P10-M4	MISUMI	1		Standard item	-	-	-	1617	1617	7 Days
7	0075_201_B			1		Drawing item	EN 1.2038					
8	0075_203_A			1		Drawing item						
9	0075_202_S1			1		Drawing item	EN 1.1191					

Estimated amount (total) 96.13 EUR

Check price and delivery time

Check individual items in the design window

1. Select the component created by RAPiD Design in the CAD environment. The component information is displayed in the design window.
2. Switch to the "Price/Delivery" tab or click the "Price details" button.
3. Enter the required quantity in the "Quantity" field and confirm by pressing the Enter key or clicking the "Check price" button. The price and delivery time are checked and displayed in real time.
4. Clicking the "Add to cart" button adds the item, in the quantity specified in the "Quantity" field, to the cart in the MISUMI online shop.

Note:

The item is only added to the MISUMI online shop's cart. This action does not yet trigger an order.

Specification view

Design Window

Search Screen: psbjq10-550-f22-p9-t20-q7

Brand: MISUMI Product name: Linear shafts / hollow / stepped on two

Product Information MISUMI Website

Specification/ Alteration **Price/ Delivery**

Part Number: PSPJQ10-550-F22-P9-T20-Q7

Part Number confirmed

[D] Diameter (Shaft) 10

[L] Length (Shaft) 550

Surface Treatment Hard Chrome Plating

[F] Length (stud - off set - front side) 22

[P] Diameter (stepped - front side) 9

[Q] (mm) 7

[T] Length (stud - stepped - back side) 20

Type PSPJQ

Part Number: PSPJQ10-550-F22-P9-T20-Q7

Unit Price: 46.03€ Days to Ship: 10Days

File name: -

Model generation

Price and delivery time view

Design Window

Search Screen: psbjq10-550-f22-p9-t20-q7

Brand: MISUMI Product name: Linear shafts / hollow / stepped on two

Product Information MISUMI Website

Specification/ Alteration **Price/ Delivery**

Quantity: 1

Unit Price 46.03€

Total 46.03€

Days to Ship 10Days

Add to cart Check price

Part Number: PSPJQ10-550-F22-P9-T20-Q7

Unit Price: 46.03€ Days to Ship: 10Days

File name: -

Model generation

Price and Delivery Time View

Design Window

Search Screen: psbjq10-550-f22-p9-t20-q7

Brand: MISUMI Product name: Linear shafts / hollow / stepped on two

Product Information MISUMI Website

Specification/ Alteration **Price/ Delivery**

Quantity: 1

Unit Price 46.03€

Total 46.03€

Days to Ship 10Days

Add to cart Check price

Quantity slide table

Quantity	Unit Price	Days to Ship
1~4	46.03€	10Days
5~12	41.34€	10Days
13~19	36.66€	10Days
20~50	31.98€	10Days
51~250	27.29€	16Days
251~	27.29€	To Be Quoted

Emergency shipping service

Part Number: PSPJQ10-550-F22-P9-T20-Q7

Unit Price: 46.03€ Days to Ship: 10Days

File name: -

Model generation

Checking multiple items using the bill of materials

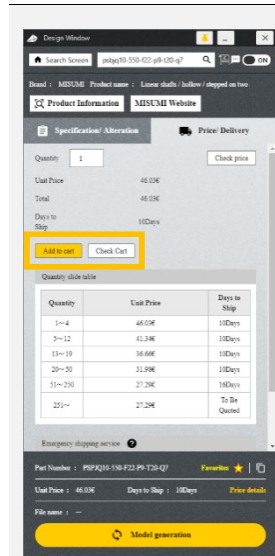
1. Create a bill of materials (see "Creating a parts list / bill of materials in RAPiD Design") and select the components to be included in the bill of materials within the CAD environment. If you select the entire assembly, all components in the CAD environment that have been authorised for display in the bill of materials will be loaded.
2. The price and lead time enquiry for MISUMI standard items is carried out in real time and is displayed immediately in the bill of materials. Following a change to the bill of materials, e.g. changing the quantity of an item, the price enquiry must be run again. To do this, please press the "Batch quotation/Update" button.

Note:

Clicking the "Add to cart" button adds all items in the bill of materials that are marked with a fully displayed price and delivery time to the cart. This action does not yet trigger an order.

Adding items to the MISUMI shopping cart

There are various ways to transfer the items contained in your CAD project to the MISUMI online shop's cart.

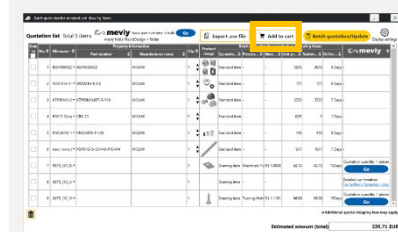


Adding components to the shopping cart individually in the design window:

1. Switch from the standard view to the "Price/Delivery" view.
2. Enter the required quantity for each item.
3. Click the "Check price" button.
4. Add the item to your shopping cart by clicking the "Add to cart" button.

Clicking the "Check Cart" button opens the MISUMI shopping cart in your browser.

(For a more detailed description, see the section: "Checking individual items in the design window")



Adding components from the bill of materials to the shopping cart:

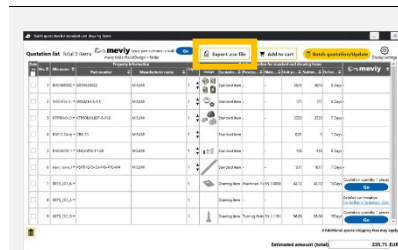
1. Create a bill of materials (see "Create parts list/bill of materials").
2. Enter the required quantity in the "Quantity" column.
3. Click the "Batch quotation/Update" button to retrieve all available prices.
4. Add the item to your shopping cart using the "Add to cart" button.

Note:

Clicking the "Add to cart" button adds all items in the bill of materials that are marked with a fully displayed price and delivery time to the cart. This action does not yet trigger an order.

(For a more detailed description, see "Creating a parts list in RAPiD Design" and "Checking individual items in the design window")

Export components from the bill of materials in CSV format



Export the component list from the bill of materials:

1. Create a bill of materials (see Create parts list/bill of materials).
2. Click the "Export CSV" button to open the export dialogue box.
3. Select the save location and confirm by clicking the "Save" button.
... The file will be saved.

Note!

Default settings for the CSV file created by RAPiD Design:

- The file contains data for a header row.
- Entries are separated by commas (,).
- Cell entries are enclosed in double quotation marks ("").

Settings

To open the “Settings” window, please click on the “Settings” icon in the RAPiD Design component library start window.



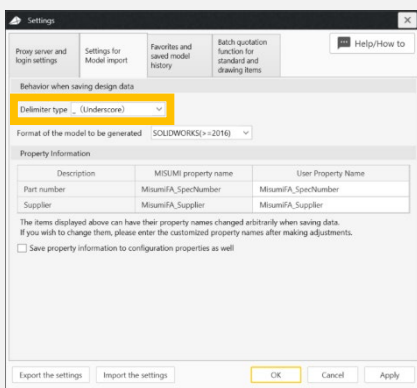
Set the separator for generated part numbers



Any free text can be added before and after the part number in the highlighted fields. Fields and part numbers are linked by a separator. You can set the separator in the “Settings” section to apply universally to all files imported into the CAD environment using RAPiD Design.

For example, if you enter “RAPiD Design” in the front text field and “MISUMI” in the rear text field, a corresponding filename will be created when the separator “_” (underscore) is selected.

In the example: “RAPiD Design_PSPJQ10-550-F22-P9-T20-Q7_MISUMI”



Set separator:

1. Select the desired separator for the component name from the drop-down menu.

The following characters can be used as separators:

Underscore:	“ ”
Hyphen:	“_”
Space:	“ ”

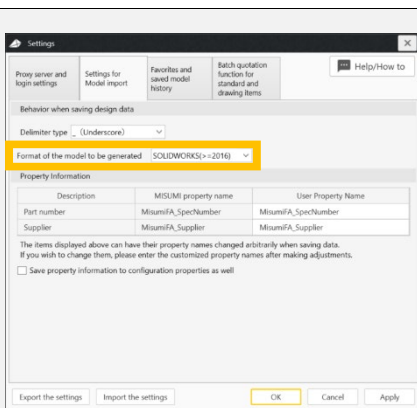
2. If you wish to make any further adjustments, save the settings by pressing the “Apply” button.
(Pressing the “OK” button applies the setting and closes the Settings menu.)

Note!

The selected separator will be used for the names of all components during import.

Existing components will only be renamed after they have been regenerated.

Specify the file format for the generated CAD model



Set the file format for the component imported into the CAD environment:

1. Select the desired CAD format from the drop-down menu.
The following CAD formats can be used:

SOLIDWORKS (<=2016)
STEP (AP214)
Parasolid (x_b)
ACIS

2. If you wish to make any further adjustments, save the settings by clicking the “Apply” button. (Clicking the “OK” button applies the settings and closes the Settings menu.)

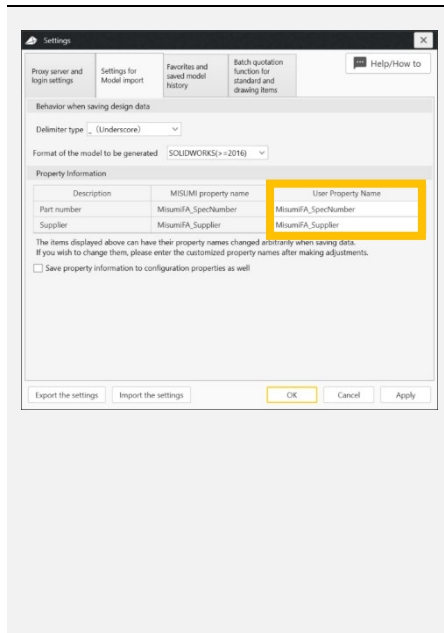
Note!

The selected file format will be used for all components upon import from the moment the change is made. The CAD format of existing components remains unchanged and will only be adjusted after they are regenerated.

Component properties stored in the CAD system

When components are imported into the CAD environment, RAPiD Design transfers various property details. In addition to standard properties, such as geometric properties, RAPiD Design also stores the “Part Number” and “Supplier” (creator name) properties.

Defining the name (field name of the property information) in the bill of materials



Customising the property field name:

1. To adapt the names of the “Part Number” and “Supplier” property fields to your internal naming convention, please use the free-text fields in the “User Property Name” section under the “Settings for Model Import” tab.

The following default values are stored in the property fields:

Property field	Default value
Part number	MismiFA_SpecNumber
Supplier	MismiFA_Supplier

2. If you wish to make any further adjustments, save the settings by clicking the “Apply” button. (Clicking the “OK” button applies the settings and closes the Settings menu.)

Note!

The field name will be used for all components upon import from the time the change is made. The field names of existing components remain unchanged and will only be updated once the component has been regenerated.

Please note!

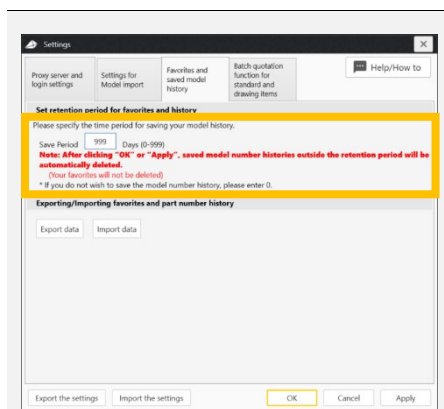
Changing the column labels retrospectively will result in all information stored under the old term for these columns being hidden. To display the new column header and the associated information on the supplier and part number again, all components must be re-imported.

Your data will not be lost if the naming is changed.

By changing the original column names in the RAPiD Design settings, the data can be displayed again at any time. You can save your preferred settings as a CSV file by exporting them (Export Settings) and re-import them if required.

Set the retention period for the part number history of your favorites

RAPiD Design automatically creates a history of the generated CAD models. You can set the length of the retention period in the settings. The default retention period is 999 days. The retention period for favorites is not affected by this setting.



Setting the retention period for the part number history:

1. Go to the “Favorites and saved model history” tab.
2. Set the retention period in days.

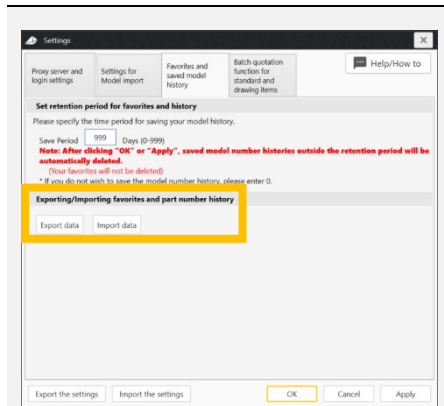
If you wish to make any further adjustments, save the settings by clicking the “Apply” button. (Clicking the “OK” button applies the setting and closes the Settings menu.)

Note!

The maximum retention period is 999 days. If you enter 0 days as the retention period, no component history will be created.

Exporting/importing part number history or favorites

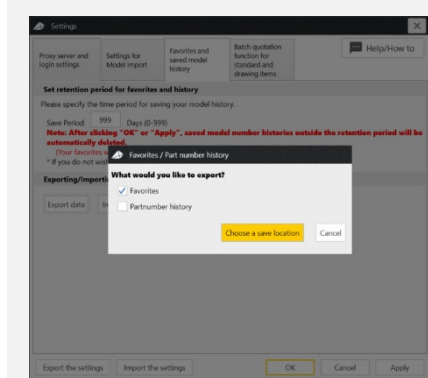
Use the export and import functions to transfer the component history created by RAPiD Design or your favorites to another workstation.



Importing/exporting favorites or part number history:

Open the RAPiD Design component library start window and click on the “Settings” icon.

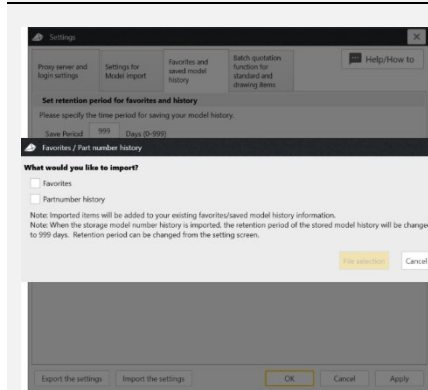
Switch to the “Favorites and saved model history” tab.



Exporting favorites or part number history:

1. Open the export dialogue by clicking the “Export data” button.
2. Select which data you wish to export.
3. Enter a file name and select a save location.

The data will be saved as an (*.xml) file.



Importing favorites or part number history:

1. Open the import dialogue by clicking the “Import data” button.
2. Select which data you wish to import.
3. Select the directory and the file to be imported.

Note!

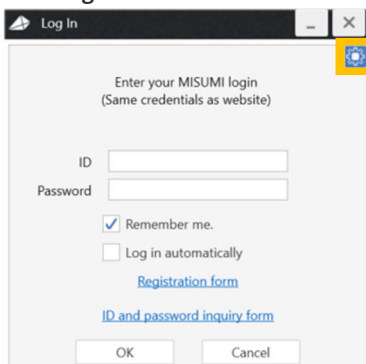
Depending on your selection, your existing history or favorites list will be overwritten during the import.

Before importing, export your favorites or component history so that you can restore them later if necessary.

Setting up a proxy server manually

In some cases, it may be necessary to set up a proxy server manually. You can access the proxy settings via:

The “Log In” window:



or

The “Settings”:

