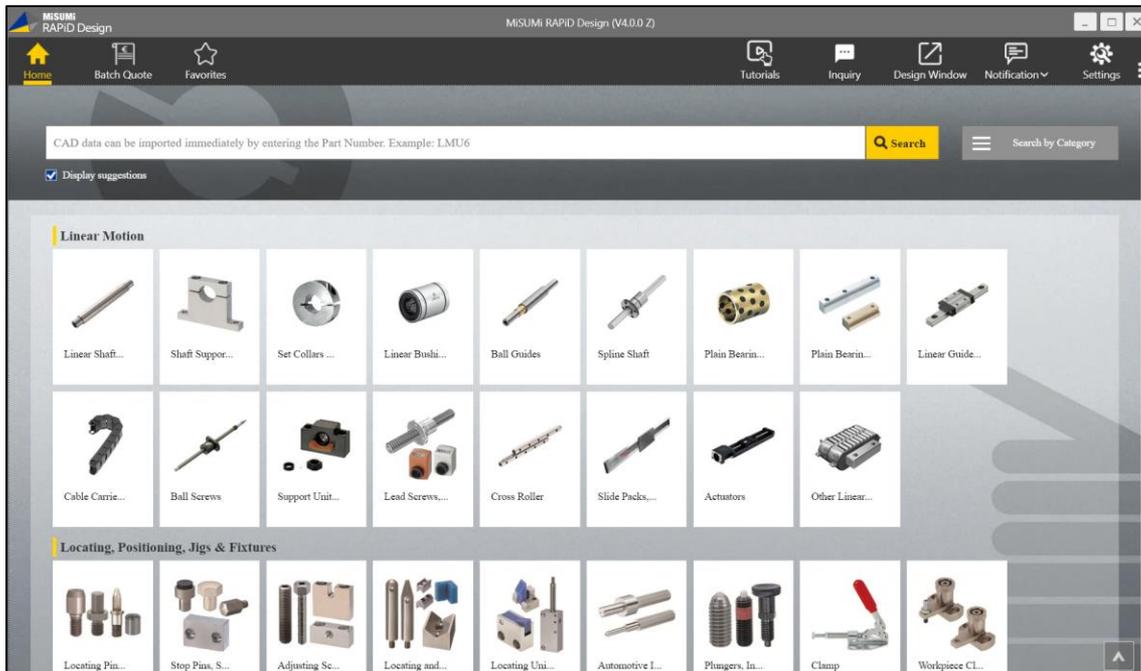




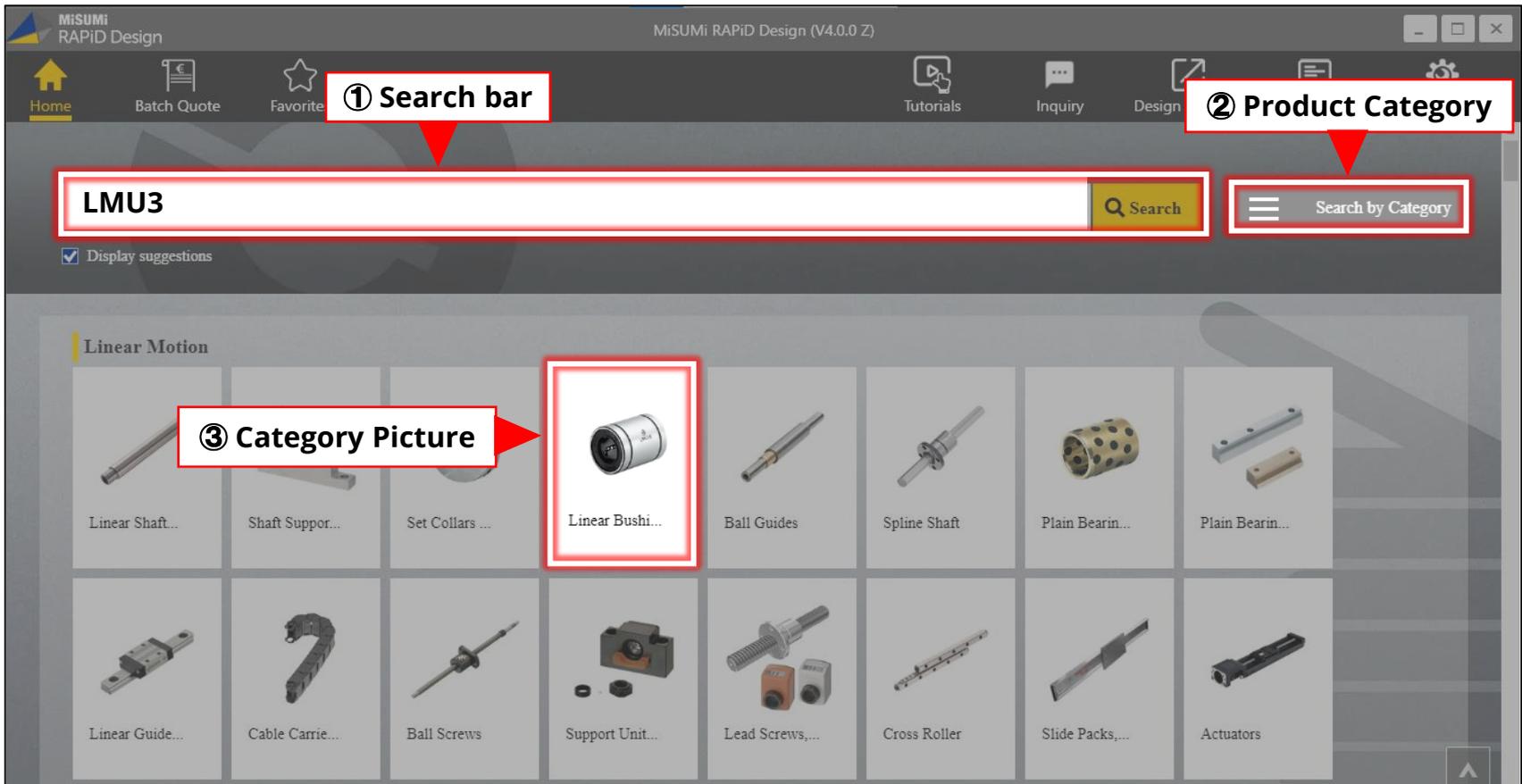
MISUMI
RAPiD Design

Easy operation method for the Mechanical Standard Parts Library



- ✓ Directly import CAD data to SOLIDWORKS
- ✓ The part number is automatically generated
- ✓ Dimensions and specifications can be changed on CAD at any time

Select the desired product from the search screen



Select the brand name or specifications to narrow down the products

MiSUMI RAPID Design

MiSUMI RAPID Design (V4.0.0 Z)

Home Batch Quote Favorites Tutorials Inquiry Design Window Notification Settings

Back to Previous Linear Bushings / Linear Ball Bearin... CAD data can be imported immediately by entering Search Display suggestions Search by Category

Product Search Top > Automation Components > Linear Motion > Linear Bushings / Linear Ball Bearings / Linear Ball Bushings

Narrowing down conditions Release all All 46Item(s) Number of results 30Item(s) 1 2 Next >>

Brand Filter by Manufacturer

Type2

RoHS Info...

Style

Features, ...

Flange Type

Diameter o...

Overall Le...

Material of...

Outer Cyli...

Motion

Lubricatio...

Ball Recir...

Outer Dia...

Accuracy

Eccentricit...

MISUMI (46)

NTN (1)

THK (25)

Narrow down by specifications and dimensions

Type2

Straight Flange Housing

Related Components Standard Flange Center Flange

Housing Wide Block

Illustration

RoHS Information

Brand	MiSUMI	MiSUMI	MiSUMI	MiSUMI
	MISUMI	MISUMI	MISUMI	MISUMI
Outline Drawing/Photo				
Series name	Linear Ball Bearings / Stainless Steel, Steel / Chrome-, Nickel-Plated / Double Ring Groove	Linear ball bearings / flange selectable / stainless steel, steel / treatment selectable / seal selectable	Linear ball bearings / flange selectable / stainless steel, steel / treatment selectable / double bush / seal selectable	Linear ball bearings / flange selectable / stainless steel, steel / double bush / long version
CAD	2D / 3D	2D / 3D	2D / 3D	2D / 3D
Type2	Straight	Standard Flange	Standard Flange	Center Flange
RoHS Information	RoHS Requirements Fulfilled	RoHS Requirements Fulfilled	RoHS Requirements Fulfilled	RoHS Requirements Fulfilled
Style	Standard	Standard	Standard	-
Features, Areas of Application	Anti-Reflection ~ Vacuum	Anti-Reflection ~ Vacuum	Anti-Reflection ~ Not Applicable	Corrosion and Chemical Resistance ~ Not Applicable
Flange Type	-	-	-	-

Select specifications on the design screen

Part Number candidates : There are 570 candidates.

Click

Part Number candidates : There are 570 candidates.

- LMU3
- LMU3A
- LMU3G
- LMU3H
- LMU3L
- LMU3Y
- LMU4A
- LMU4G
- LMU4H
- LMU4L

See all part numbers

Specifications / Alteration

Price / Delivery

Narrowing down conditions

Features, Areas of Application ?

[d_i] Inner Diameter(m) ?

[L] Length (Total)(m) ?

Material of Outer Cylinder

Outer Cylinder Surface Treatment

Grease coating Please make a selection. v

[D] Outer Diameter(m) ? Please make a selection. v

Eccentricity(μm) Please make a selection. v

Basic Rated Load, Dy Please make a selection. v

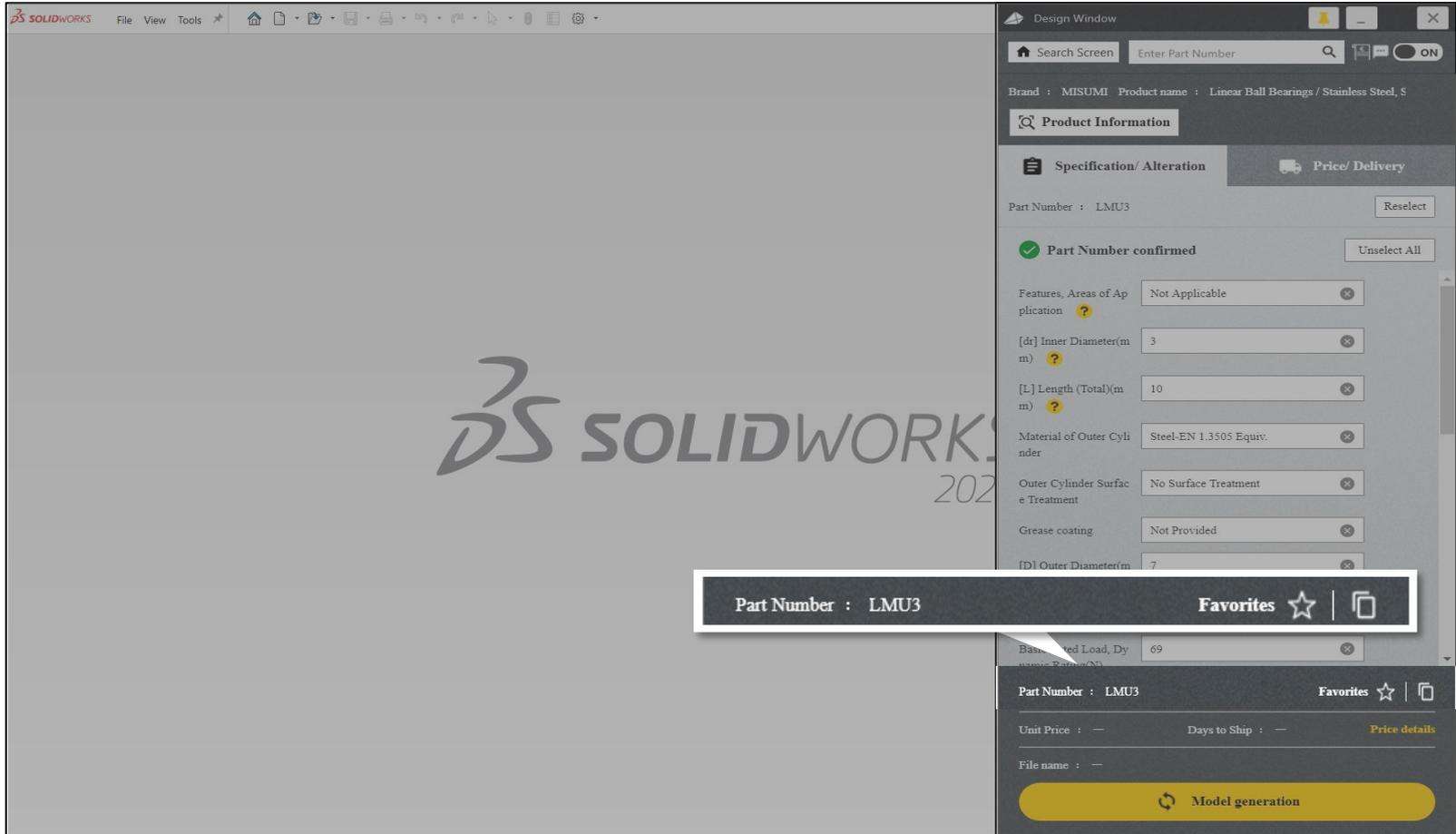
Part Number : Please confirm the specifications

Unit Price : — Days to Ship : — [Price details](#)

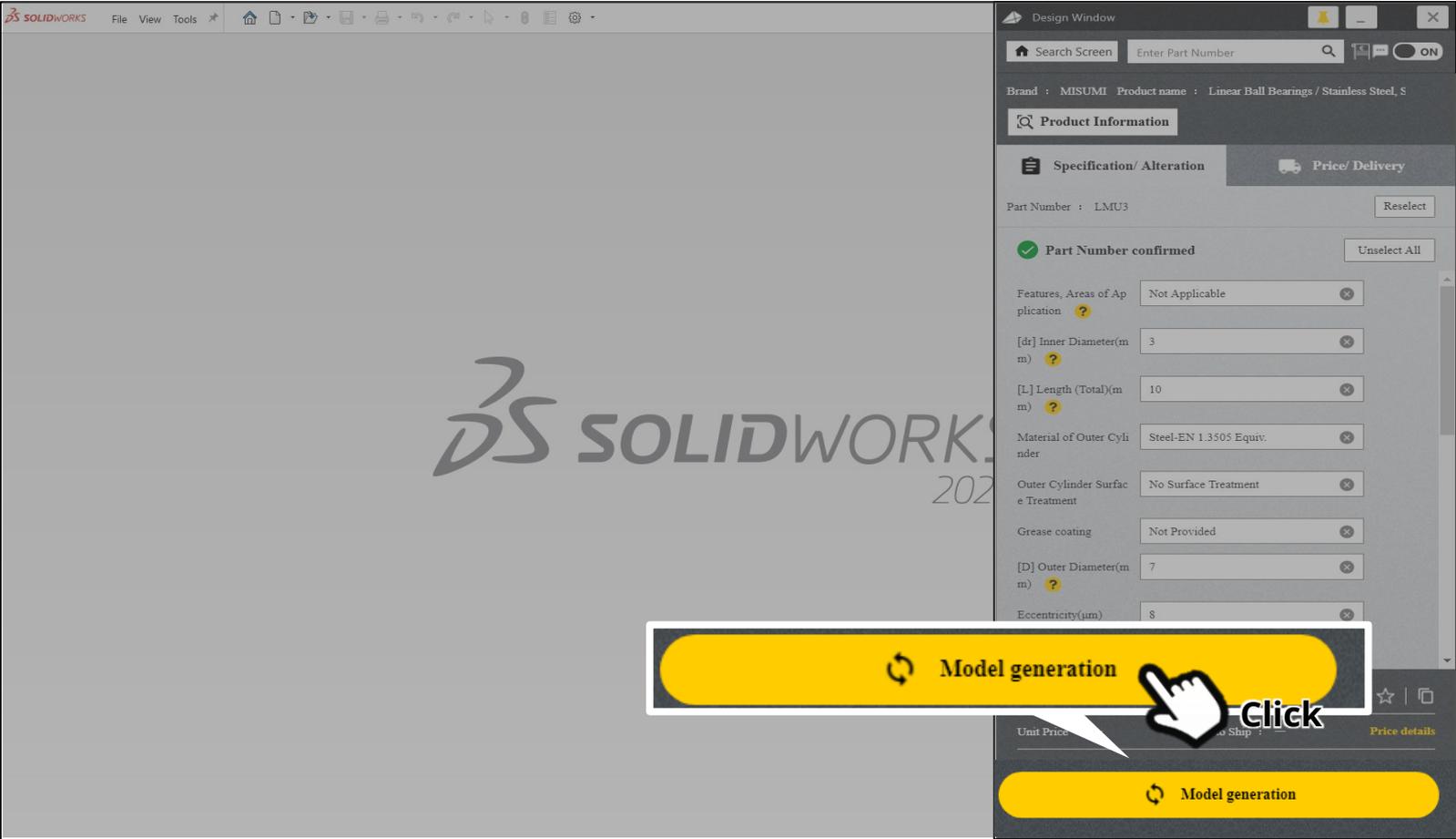
File name : —

Model generation

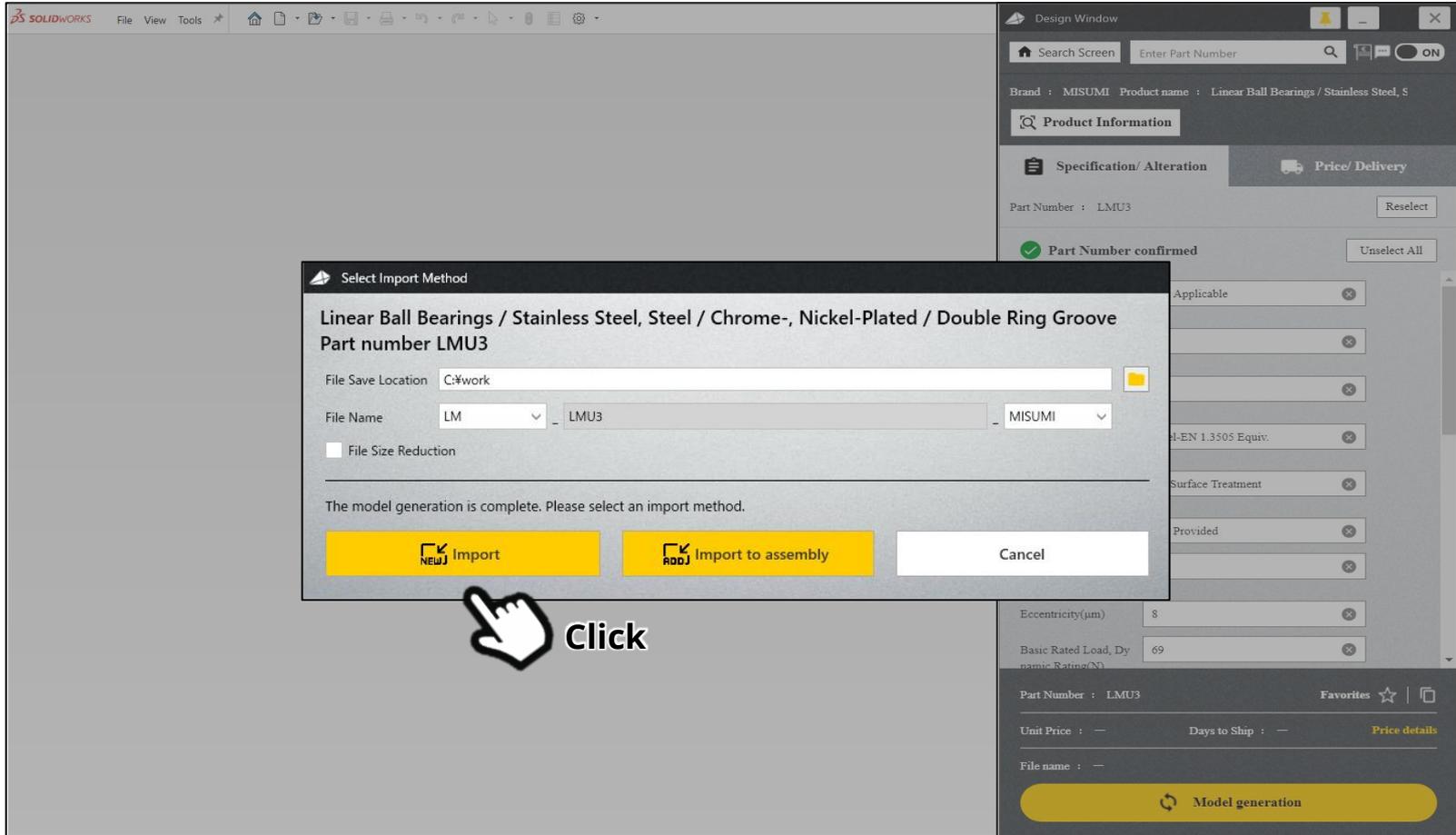
Part numbers are automatically generated according to specifications



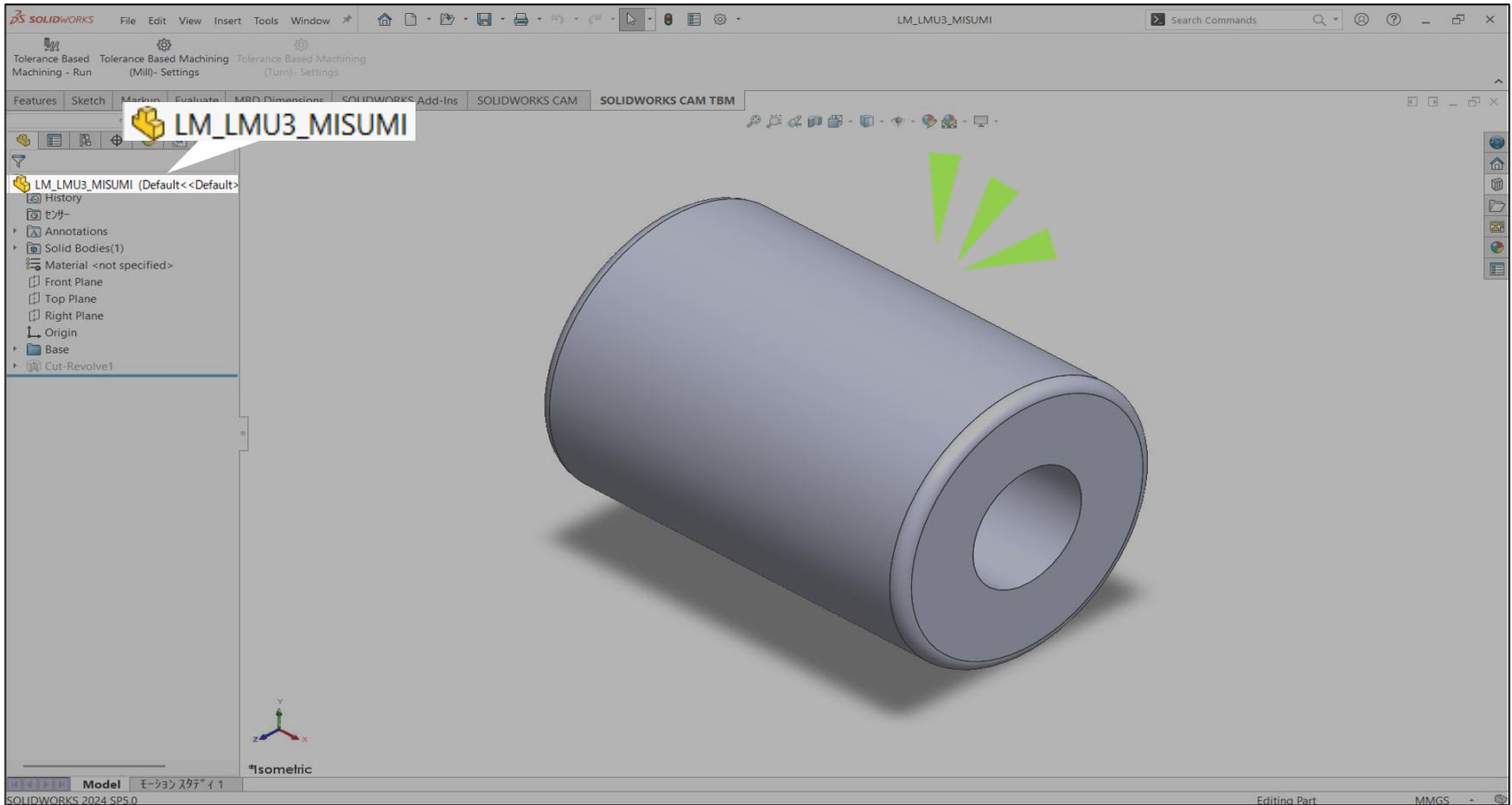
Click "Model generation"



Click the "Import" button



The model is imported into CAD



Frequently used model numbers can be added as favorites

The image shows the SolidWorks CAM TBM interface. The main window displays a 3D model of a ball bearing. The left sidebar shows the model tree with the following structure:

- LM_LMU3_MISUMI (Default) <<Default>>
 - History
 - ヒストリ
 - Annotations
 - Solid Bodies(1)
 - Material <not specified>
 - Front Plane
 - Top Plane
 - Right Plane
 - Origin
 - Base
 - Cut-Revolve1

The right-hand 'Design Window' panel is active, showing product information for 'LMU3'. A callout box with a yellow star and the text 'Favorites' and 'Click' points to the star icon in the 'Favorites' section of the panel.

Product Information:

- Brand: MISUMI
- Product name: Linear Ball Bearings / Stainless Steel, S
- Part Number: LMU3
- Material of Outer Cylinder: Steel-EN 1.3505 Equiv.
- Outer Cylinder Surface Treatment: No Surface Treatment
- Grease coating: Not Provided
- Basic Rated Load, Dynamic Rating(N): 69

Specifications:

- Features, Areas of Application: Not Applicable
- [d_r] Inner Diameter(m): 3
- [L] Length (Total)(m): 10
- [D] Outer Diameter(m): 7
- Eccentricity(μm): 0

Design Window Summary:

- Part Number: LMU3
- Unit Price: —
- Days to Ship: —
- File name: LM_LMU3_MISUMI.SLDPRT
- Model generation button

Point

When making design changes, specifications can be changed on the design screen

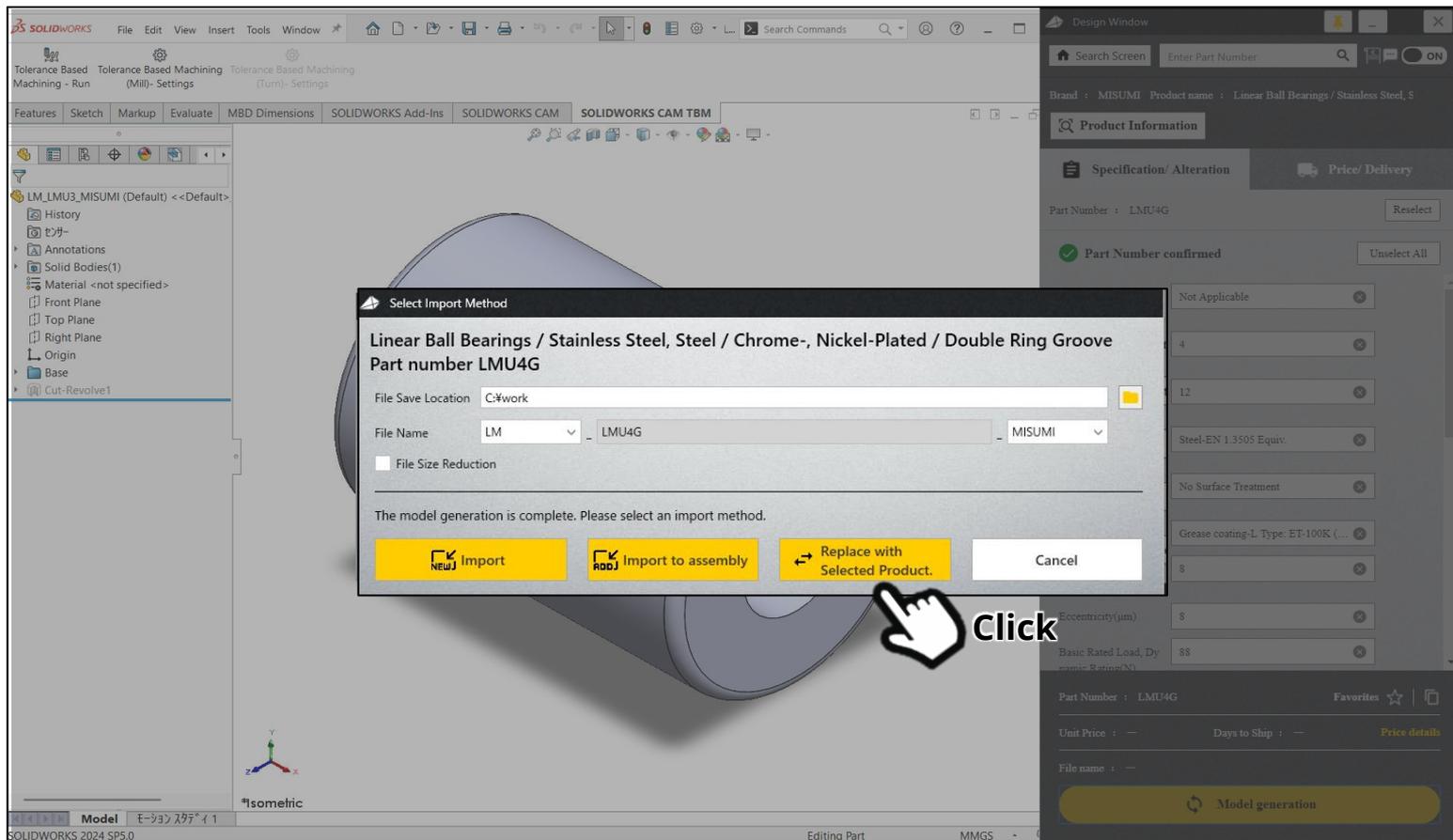
The image shows a screenshot of the SolidWorks CAM TBM software interface. The main window displays a 3D model of a cylindrical bearing. On the right side, there is a 'Design Window' panel with a search bar and product information. Below this, there is a 'Specification/ Alteration' section with a 'Price/ Delivery' tab. The 'Specification/ Alteration' section shows the following details:

- Part Number : LMU4G (Reselect)
- Part Number confirmed (Unselect All)
- Features, Areas of Application : Not Applicable
- [dr] Inner Diameter(m) : 4
- [L] Length (Total)(m) : 12
- Material of Outer Cylinder : Steel-EN 1.3505 Equiv.

Two yellow callout boxes with a circular refresh icon and the text 'Model generation' are overlaid on the interface. The first callout is positioned over the 'Inner Diameter' and 'Length' input fields, with a hand cursor pointing to the 'Inner Diameter' field and the word 'Click' next to it. The second callout is positioned over the 'Model generation' button at the bottom of the panel, with a hand cursor pointing to the button and the word 'Click' next to it.

Point

When making design changes, specifications can be changed on the design screen



Point

When making design changes, specifications can be changed on the design screen

