

**A**masty

For more details see the [Product Parts Finder for Magento 2](#) extension page.

# Product Parts Finder for Magento 2



Enhance your store with the extended search options:

- Create year-make-model and similar filters
- Display part finders on home and category pages
- Add multiple select options to each filter
- Import values for finder options
- Customize filter display

## Create a new Product Parts Finder

To create a new product parts' *Finder*, navigate to in **Catalog > Product Finder > Press Add New Item** Button

### General

Title \*

Number of Dropdowns \*

Specify **Title** and a **Number of Dropdowns**.

Consider, that you can specify **number of dropdowns** only in this form. The other suggested fields will be available for [editing](#) afterwards as well.

Hit **Save and Continue Edit** to proceed.

# Edit a Product Parts Finder

**FINDER OPTIONS**

- General
- Dropdowns
- Products
- Import
- Import History
- Universal Products
- Universal Products Import

## General

**Title \***

**Template**    
  
  
The `horizontal` option is responsive and set by default

**Custom Destination URL**   
E.g. special-category.html In most cases you don't need to set it. Useful when you have 2 or more finders and want to show search results at specific categories. It's NOT the url key. You can modify /amfinder/ url key in app/code/Amasty/Finder/etc/config.xml

**Add Finder to the Default Category**    
Keep 'Yes' to get the Finder working properly at the home and cms pages.

**Finder block visibility on the Default Category**    
Keep 'Hide' to not display this finder block on the default category on the frontend. It is useful when there are several finders added to the default category but you need to display only one of them at the frontend.

- **Title** - Finder block name.
- **Template** - Choose the Finder block layout from a dropdown. Can be set either as **vertical** or **horizontal** (which is **responsive** and set by default).
- **Custom Destination URL** - determines the page to which the Finder will redirect customers when the **Find** button is pressed.
- **Add Finder to the Default Category** - Set to Yes to manage a proper work of a finder at the home and CMS pages.
- **Add Finder to the Search Page** - Set to Yes to display finder on a search result page.

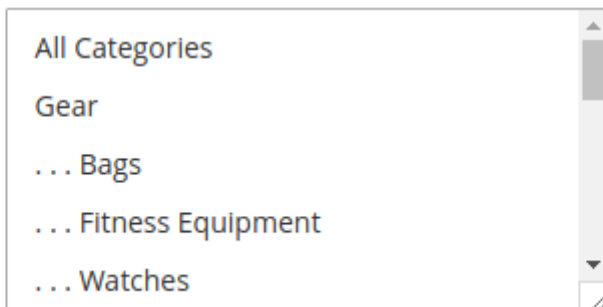
Add Finder to the Search Page

**Add the finder block in**

content

Place the product finder in particular themes, categories, and other locations. Possible options: sidebar.main, content, footer.

**Categories**



- **Categories** - Multi-select categories.
- **Add the finder block in** - Specify where to display a finder block: a sidebar, content, or footer.

**content**

[Home](#) > [Gear](#) > [Bags](#)

# Bags

## Compare Products

You have no items to compare.

## My Wish List

You have no items in your wish list.

| Manufacturer                        | Material                             | Color |
|-------------------------------------|--------------------------------------|-------|
| Adidas                              | Canvas                               | Grey  |
| <input type="button" value="Find"/> | <input type="button" value="Reset"/> |       |



1 Item

Sort By

Position



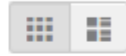
Rival Field Messenger  
★★★★☆ 2 reviews  
\$45.00

[sidebar.main](#)

Home > Gear > Bags

# Bags

## Shopping Options



Items 1-9 of 14

STYLE

ACTIVITY

FEATURES

MATERIAL

PRICE

STRAP/HANDLE



Joust Duffle Bag

★★★★☆ 2 reviews

\$34.00

Overnight Duffle

★★★★☆ 3 reviews

\$45.00

**Manufacturer**

Puma

**Material**

Canvas

**Color**

Black



## Compare Products

You have no items to compare.

## My Wish List

You have no items in your wish list.

Savvy Shoulder Tote

★★★★☆ 2 reviews

\$24.00 Regular Price \$32.00

Compete Track Tote

★★★★☆ 2 reviews

\$32.00

**Code for inserting**

```
{{block class="Amasty\Finder\Block\Form" block_id="finder_form" id="1"}}
```

**Code for inserting in Layout Update XML**

```
<referenceContainer name="content"> <block class="Amasty\Finder\Block\Form" name="amasty.finder.1"> <arguments> <argument name="id" xsi:type="string">1</argument> <argument name="template" xsi:type="string">horizontal</argument> </arguments> </block> </referenceContainer>
```

- **Code for inserting** - the code for inserting in **CMS block**, which in its turn can be added to **CMS page**.

Go to **Content > Block > Click Add New Block**. Paste a code.

## Bags Finder

demouser

← Back   Delete Block   Reset   Save and Continue Edit   **Save Block**

Enable Block  Yes

Block Title \*

Identifier \*

Store View \* 

- All Store Views
- Main Website**
- Main Website Store**
- Default Store View

Show / Hide Editor

```
{{block class="Amasty\Finder\Block\Form" block_id="finder_form" id="3"}}
```

- **Code for inserting in Layout Update XML** - the code for inserting in **Layout Update XML**.

To add a product parts finder to a category manually, navigate to **Catalog > Categories > Select**

your category (i.e. **Wheels**). In the *Design* section find *Layout Update XML* field and **paste** the code there.

## Design

Use Parent Category Settings

**Theme**  
[store view] -- Please Select --

**Layout**  
[store view] No layout updates

**Layout Update XML**  
[store view]

```
<referenceContainer name="content">  
<block class="Amasty\Finder\Block\Form"  
name="amasty.finder.1">1 <arguments>  
<argument name="id"
```

Apply Design to Products

## Dropdowns

There is no limit to the number of dropdowns in a single *Finder* block.

### Dropdown #1

**Name \*** Make

**Sort \*** alphabetically, asc

- alphabetically, asc
- alphabetically, desc
- numerically, asc
- numerically, desc

**Range \*** No

- **Name** - the dropdown name that will be displayed on the storefront.
- **Sort** - select a sorting method for data in dropdown.



- **Range** - if you enable this option and then import the data for this drop-down using ranges like “2006-2017” in CSV, the *Finder* will automatically create rows for each individual value in the range.

Please, note that **Range** will only work for data you import **after** the **Range** option is enabled.

## Range

By enabling *Range* in the dropdown settings you'll be able to automatically generate records for numeric data, like a list of years.

### Dropdown #3

---

|         |   |
|---------|---|
| Name *  | <input type="text" value="Year"/>               |
| Sort *  | <input type="text" value="numerically, asc"/> ▼ |
| Range * | <input type="text" value="Yes"/> ▼              |

Now, when you import a CSV or XLS file you can simply define a range like “**2001-2017**” and it will generate 17 **records** automatically when the file is imported.

Here's how the CSV example may look like: Make1,Model1,“2001-2017”,SKU1

The example above will create 17 records in the Finder database which will differ only by the Year value.

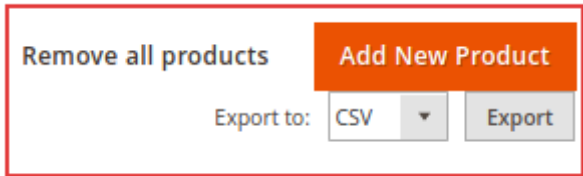
## Add Products to a Finder

There are three ways to add products to a Finder:

- [manually](#) fulfill product forms;
- create and import a [CSV file](#);
- create and upload a CSV file to a specific [folder](#) in the Magento directory.

### Manually

To add a new product parts' finder manually, go to **Catalog → Product Parts Finder → Edit Parts Finder → Products**



Click *Add New Product* button to fulfill a product form.

## Add new Product

← Back    Reset    **Save**

### General

SKU

Make

Model

Diameter

## Import via CSV file

You can import records to the finder with **CSV** files.

To add a new product parts' finder via import, go to **Catalog → Product Parts Finder → Edit Parts Finder → Import**

Deciding on CSV format is very simple: count the number of **dropdowns** you have and add one more for the **SKU** column. For example, if you have **three dropdowns**, adding **one** makes it **four-column CSV**.

[Below you can see an example CSV file with the data containing all the variations for \*Make\*, \*Model\* and \*Diameter\* and assign these variations to products in Magento Catalog.](#)

```
1 Audi, A5, 19", 34-wa
2 Audi, A6, 18", 36-wa
3 Audi, A7, 18", 38-wa
4 Chevrolet, Trax, 19", 41-wa
5 Chevrolet, Cruze, 20", 43-wa
6 Mazda, 7, 18", 51-wa
```

Open the **Import** tab, drag and drop the CSV file and hit **Import**. After the import is done, hit the **Save and Continue Edit** button.

### Upload Files

Delete Existing Data \*

## Drag & Drop CSV Files Here

-or-

Click to open the file Browser

Search [Reset Filter](#)

Actions  1 records found

20

 per page 

1

of 1

| <input type="checkbox"/> | Files are sorted by priority         | Path   | State    | Errors | Mode         | Run                                   | Action  |
|--------------------------|--------------------------------------|--|----------|--------|--------------|---------------------------------------|---|
| <input type="checkbox"/> | Any <input type="button" value="v"/> |  |          |        |              |                                       |   |
| <input type="checkbox"/> | import.csv                           | /magento<br>/pub/media<br>/amasty<br>/finder<br>/ftp_import<br>/1/import.csv | Uploaded | 0      | Add Products | <input type="button" value="Import"/> | <a href="#" style="color: #3498db; text-decoration: none;">Delete</a> |

### Import from the folder

This variant is useful when you want to import a large file which your web-server might not allow to upload due to size restrictions.

To import files from a folder, you should put the file to the following directory:

**/magento\_folder/pub/media/amasty/finder/ftp\_import/finder\_id/**

Please note that the **finder\_id** part in the path should be replaced with the ID of the Finder you want to import the file into. After the file upload is done, open the **Import** tab and the file you've uploaded will appear ready to import.

## Extension Settings

You will find the settings menu at **Stores > Configuration > Amasty Extensions > Product Parts Finder**

## General

**Display `Find` button when**  [store view]

**Use `universal` products**  [global]  
 Allows to add set of products to any search, but might slow down the pages in some cases

**Apply filter for current category only**  [store view]

**Custom Destination URL**   
[store view]  
 Eg. special-category.html In most cases you don't need to set it. Useful when you want to redirect all search results to one category. It's NOT the url key. You can modify /amfinder/ url key in app/code/Amasty/Finder/etc/config.xml

**Start search when value in the last dropdown is selected**  [store view]

**Reset finder**  [store view]

**Clear other (previous) finders conditions**  [store view]  
 Useful when you have 2 or more finders at the same page.

**Redirect to product page when there is only one product in result**  [store view]

- **Display `Find` button when** - this setting controls when the **Find** button will be displayed: after picking options in **all dropdowns** or after picking the **first**.
- **Use `universal` products** - enables and disables Universal products in one click.
- **Show `universal` products last** - when enabled, **Universal** products will be put at the end of filtered results.
- **Apply filter for current category only** - useful when you have one **Finder** instance across the whole store. When enabled, filtering parameters will be reset when a customer browses different categories.
- **Custom Destination URL** - **Find** button will redirect to the page specified in this setting. It can

be set individually for each **Finder** instance.

- **Start search when value in the last dropdown is selected** - when enabled, the Finder will automatically initiate filtering once value in the last dropdown is selected.
- **Reset finder to** - sets the destination of **Reset** button.
- **Clear other (previous) finders conditions** - when enabled and you have more than one **Finder** on the page, only selection in the active instance will apply filtering, all other **Finders** will be reset.
- **Redirect to product page when there is only one product in result** - When there is only one position in the search results, it is possible to redirect straight to the product page. Instead of displaying the list with one item, you can lead the customers to a wanted product.
- **Enable 'Chosen' plugin** - Set to Yes to apply responsive user-friendly design for parts finder.

Enable 'Chosen' plugin [store view]

Chosen is a jQuery plugin that makes select boxes much more user-friendly and equips it with the search. Read more [here](#)

With a plugin

The screenshot shows a search filter interface with three dropdown menus: 'Manufacturer' (selected: Adidas), 'Material' (selected: Canvas), and 'Color' (selected: Grey). Below the dropdowns are two buttons: 'Find' (blue) and 'Reset' (grey).

### Import

Import history lifetime (days) [global]

Max rows per import [global]

- **Import history lifetime (days)** - sets the lifetime of import error log.
- **Max rows per import** - a batch size in lines which the import script will try to process during one run.

## API support

API support implies that you can utilize Magento web API functionality. You can find more information on [Magento site](#).

### DropdownRepositoryInterface

- save(\Amasty\Finder\Api\Data\DropdownInterface \$dropdown) - saves a dropdown;
- getById(\$id) - gets a dropdown by ID;
- getDropdownModel() - gets a dropdown's model;
- getByFinderId(\$finderId) - gets a dropdown by Finder ID;
- delete(\Amasty\Finder\Api\Data\DropdownInterface \$dropdown) - deletes a dropdown;
- deleteById(\$id) - deletes a dropdown by ID;
- getList() - gets a list of all dropdowns.

### FinderRepositoryInterface

- save(\Amasty\Finder\Api\Data\FinderInterface \$finder) - saves a finder;
- isDeletable(\$mapId) - checks if a finder is deletable;
- getById(\$id) - gets a finder by ID;
- importUniversal(\$finder, \$file) - imports Universal Products;
- getFinderModel() - gets a finder's model;
- addConditionToProductCollection(\$collection, \$valueId,\$countEmptyDropdowns, \$finderId,\$isUniversal,\$isUniversalLast) - sets a filtration;
- getWithoutId(\$id) - gets all the finders without a current;
- delete(\Amasty\Finder\Api\Data\FinderInterface \$finder) - deletes a finder;
- deleteByIds(\$ids) - deletes various finders by IDs;
- deleteById(\$id) - deletes a finder by ID;
- getFindersByIds(\$ids) - gets various finders by IDs;
- getList() - gets all the finders by the list;
- updateLinks() - updates links to dropdowns in a database;
- getFindersOnDefaultCategory() - gets finders for display on a default category;
- getFindersCategory(\$categoryId) - gets finder for a current category;

### MapRepositoryInterface

- save(\Amasty\Finder\Api\Data\MapInterface \$map) - saves a mapping;
- saveMap(\$valueId, \$sku) - saves with updated data;
- getById(\$id) - gets a mapping by ID;
- getByValueId(\$id) - gets a mapping by value;
- delete(\Amasty\Finder\Api\Data\MapInterface \$map) - deletes a mapping;
- deleteById(\$id) - deletes a mapping by ID;
- getList() - gets a list of all mapping;

### UniversalRepositoryInterface

- save(\Amasty\Finder\Api\Data\UniversalInterface \$universal) - saves a universal product;

- getByld(\$id) - gets a universal product by ID;
- delete(\Amasty\Finder\Api\Data\UniversalInterface \$universal) - deletes a universal product;
- deleteByld(\$id) - deletes a universal product by ID;
- deleteBylds(\$ids) - deletes universal products by IDs;
- getList() - gets all the universal products;

## ValueRepositoryInterface

- save(\Amasty\Finder\Api\Data\ValueInterface \$value)
- saveValue(\$parentId, \$dropdownId, \$name)
- saveNewFinder(array \$data) - saves a new finder;
- getValueModel() - gets a model;
- getByld(\$id) - gets by ID;
- getByParentAndDropdownIds(\$parentId, \$dropdownId)
- getByParentId(\$id)
- getSkuByld(\$newId, \$finderId) - gets SKU by finder's ID;
- delete(\Amasty\Finder\Api\Data\ValueInterface \$value)
- deleteByld(\$id)
- deleteOldData(\$finder)
- getList()

## Troubleshooter

- **The finder block should be added to the results page.** Filtering will work only when the Finder block is on the same page with resulting products. If you don't want it to be displayed you can hide it with CSS, but you still need to place the block on the results page.
- **Make sure that there are products to filter on the page which the finder uses to display results.** The finder works as a product filter. If there are no products to filter the Finder won't be able to do much.

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