## ## Introduction

This guide will teach you how to add a Quantity Multiplier to a product. The Quantity Multiplier is used to show the buyer user how many units per single line item they are ordering.

<div class="note">Please note the Quantity Multiplier is static numerical text that is displayed on the product detail page. It is <strong>not</strong> used to calculate total quantity of a line item.</div>

## ## Prerequisites

* [Create and Assign a Product]([https://documentation.ordercloud.io/use-case-guides/product-catalog-management/create-and-assign-a-produc](https://documentation.ordercloud.io/use-case-guides/product-catalog-management/create-and-assign-a-product)t)

## 1. Creating a Quantity Multiplier for a Product

When creating a new product, simply set the `QuantityMultiplier` to the desired value. In our example, our `exampleproduct` is sold in quantities of `1000`:

<div class="api-reference">API reference: [Create New Product](<https://documentation.ordercloud.io/api-reference#Products_Create>)</div>

```

POST https://api.ordercloud.io/products HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json

{

"ID": "exampleproduct",

"Name": "Example Product",

"QuantityMultiplier": 1000,

"Active": true,

"Type": "Static"

}

```

## 2. Update the Quantity Multiplier on an Existing Product

Now let’s pretend the quantity of units sold in our `exampleproduct` has changed from `1000` units per box to `1500` units per box. Since the product has already been created, we can easily update the `QuantityMultiplier` of our product using the `Patch` method. Start by entering the `productID` for the product being updated (`exampleproduct`) and only include the value you would like to `Patch` in the Request Body:

<div class="api-reference">API reference: [Update Product](https://documentation.ordercloud.io/api-reference#Products\_Update)</div>

```

PATCH https://api.ordercloud.io/products HTTP/1.1

Authentication: Bearer put\_access\_token\_here

Content-Type: application/json

{

"QuantityMultiplier": 1500

}

```

## Conclusion

You should now be able to set a Quantity Multiplier on your products. Often times, your `QuantityMultiplier` will be set to `1` because the Quantity Multiplier is used to specify how many units are in each single line item.