



WHITE PAPER

TRIMIT ASSORTMENTS 24.1

This document contains information about the Assortments functionality in TRIMIT 24.1 for Microsoft Dynamics 365 Business Central 2024, Wave 1 (W1).

Version: 24.1
Date: 26-07-2024

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INTRODUCTION

TRIMIT Assortments enables the user to combine different variants of a Master within a specific “package”: The **Assortment**.

An Assortment will be bought/produced as a whole “package” and will be sold as a whole “package”.

It is also possible to “explode” an Assortment into the individual Items that it contains.

Because the functionality of **TRIMIT Assortments** is mainly used in Fashion, this White Paper will be focused on the Color/Size combinations.

You can create Assortments for a Master based on 1 Color and several Sizes, 1 Size and several Colors, but also based on several Colors and several Sizes.

You can set it up for using a specific Matrix exclusively for the Assortments (Assortment Matrix), but also as part of the regular Matrix of Colors or Sizes.

The audience for this document is the Consultant or very skilled User.

It will only describe the TRIMIT fields/functionality and not the standard Business Central fields/functionality.

Be aware of not changing settings and parameters in a live database without consulting the implementing partner.

The functionality described is the functionality as of **TRIMIT 24.1 for Business Central W1 BC24.X**.

The pictures in this White Paper are based on the demo database for **TRIMIT 24.1**, which is based on Microsoft Dynamics 365 Business Central 2024 Release Wave 1, in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. of Microsoft Dynamics 365 Business Central).

COMPONENTS

TRIMIT Assortments contains the following objects:

The tables	6037118	<i>trm Assortment</i>
	6038139	<i>trm Portal Assortment Content</i>

The pages	6037125	<i>trm Matrix Orders Assort List</i>
	6037134	<i>trm Assortments</i>

Besides these special Assortment objects, many other objects have been changed regarding the Assortments, like i.e., the Lines of Sales Documents and Purchase Documents where the **Type** of the Line can also be *Assortment Matrix*.

ONE COLOR / MANY SIZES ASSORTMENT

I.e., an Assortment with 1 x S, 2 x M, 2 x L and 1 x XL for one Color of a Master.

This can be setup for a special **Assortment Matrix** or as Assortment Sizes in a regular **Matrix**.

Regardless the setup you can choose, you usually want to have the same content for a specific Assortment based on a VarDim Type of Sizes, regardless the Master.

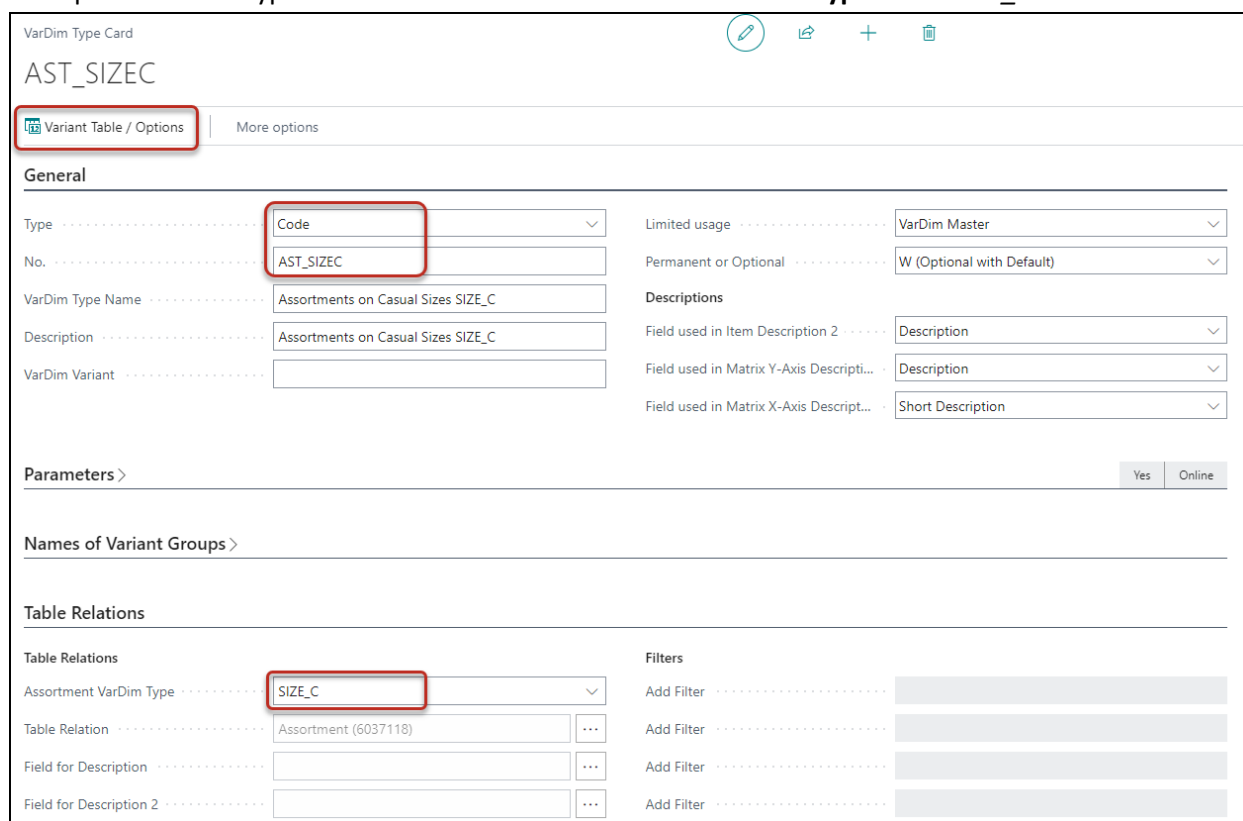
That is why you should start by creating the content for these Assortments via a special VarDim Type of the **Type Code**. – even though it is also possible to determine the content of an Assortment manually.

For this see [When Not using Separate Code VarDim Type](#).

SETUP ASSORTMENTS IN A SEPARATE VARDIM TYPE

When you want to create a **VarDim Type** specifically for Assortments, you need to make a connection to the actual Sizes VarDim Type from which you choose the Sizes and Quantities that are in the Assortment.

Example: a VarDim Type for Assortments related to a Sizes **VarDim Type** called *SIZE_C* could look like this:



VarDim Type Card

AST_SIZE_C

Variant Table / Options | More options

General

Type: Code (selected)
 No.: AST_SIZE_C
 VarDim Type Name: Assortments on Casual Sizes SIZE_C
 Description: Assortments on Casual Sizes SIZE_C
 VarDim Variant:
 Limited usage: VarDim Master
 Permanent or Optional: W (Optional with Default)
 Descriptions:
 Field used in Item Description 2: Description
 Field used in Matrix Y-Axis Descripti...: Description
 Field used in Matrix X-Axis Descript...: Short Description

Parameters > Yes Online

Names of Variant Groups >

Table Relations

Table Relations:
 Assortment VarDim Type: SIZE_C (selected)
 Table Relation: Assortment (6037118)
 Field for Description:
 Field for Description 2:
 Filters:
 Add Filter:
 Add Filter:
 Add Filter:
 Add Filter:

Type must be *Code* and in **Assortment VarDim Type** you need to enter the VarDim Type which is the related Sizes VarDim Type for which you want to create the Assortments.

When you click **Variant Table/Assortment** you can enter the Codes and the Descriptions within the VarDim Type *AST_SIZE_C* for the Assortments.

The **Description** will also be used in **Description 2** of the special Assortment Items. Therefore, we advise to make the **Description** meaningful and telling something regarding the content of the Assortment.

Assortments

✓ Saved





 Search

 New

 Edit List

 Delete

More options







Code ↑	Description	Short Description	Quantity in Assortment	Number of Variants
→ AA	 XS-L / 1221	AA	6	4
BB	S-XL / 1221	BB	6	4
CC	M-XXL / 1221	CC	6	4
DD	XS-L / 1222	DD	2	1
EE	S-XL / 1222	EE	7	4
FF	M-XXL / 1222	FF	7	4
GG	XS-XL / 12211	GG	7	5
HH	S-XXL / 12211	HH	7	5
II	XXL-5XL / 1221	II	6	4
JJ	XXL-5XL / 1222	JJ	7	4
KK	XL-5XL / 12211	KK	7	5
LL	XL-5XL / 12221	LL	8	5
MM	M-5XL / 1233211	MM	13	7
NN	XS-5XL / 111111111	NN	9	9

These Codes will also be created as **Values** in the Sizes VarDim Type itself of the **Assortment VarDim Type** (**SIZE_C** in this example) with a checkmark in the field **Assortment**.

VarDim Variant Option No. SIZE_C - 20 🔍 ⌵ + New Edit List										
Value ↑	Description	Short Description	Assortment	Color Reference	RGB Code	No Image	Picture	Attribute Value	Group 0 Name	
→ 01	XS	XS	☐	—		☐	+	XS	XS-M	
02	S	S	☐	—		☐	+	S	XS-M	
03	M	M	☐	—		☐	+	M	XS-M	
04	L	L	☐	—		☐	+	L	L-XXL	
05	XL	XL	☐	—		☐	+	XL	L-XXL	
06	XXL	XXL	☐	—		☐	+	XXL	L-XXL	
07	3XL	3XL	☐	—		☐	+	3XL	3XL-5XL	
08	4XL	4XL	☐	—		☐	+	4XL	3XL-5XL	
09	5XL	5XL	☐	—		☐	+	5XL	3XL-5XL	
AA	XS-L / 1221	AA	☒	—		☐	+			
BB	S-XL / 1221	BB	☒	—		☐	+			
CC	M-XXL / 1221	CC	☒	—		☐	+			
DD	XS-L / 1222	DD	☒	—		☐	+			
EE	S-XL / 1222	EE	☒	—		☐	+			
FF	M-XXL / 1222	FF	☒	—		☐	+			
GG	XS-XL / 12211	GG	☒	—		☐	+			
HH	S-XXL / 12211	HH	☒	—		☐	+			
II	XXL-5XL / 1221	II	☒	—		☐	+			
JJ	XXL-5XL / 1222	JJ	☒	—		☐	+			
KK	XL-5XL / 12211	KK	☒	—		☐	+			
LL	XL-5XL / 12221	LL	☒	—		☐	+			
MM	M-5XL / 1233211	MM	☒	—		☐	+			
NN	XS-5XL / 111111111	NN	☒	—		☐	+			

CODE

The Code for this Assortment.

The number of digits of this Code must be the same as the number of digits of the Values of the related Sizes VarDim Type and make sure that the Codes of the Assortments do not interfere with the Values you have used in the related Sizes VarDim Type.

I.e., A1, A2, A3, A3 or AA, BB, CC, DD, EE, etc. if the regular Sizes have numeric values.

DESCRIPTION

A Description for this Assortment.

Be aware that this Description will become part of **Description 2** of the special Assortment Items that can be created for a Master.

SHORT DESCRIPTION

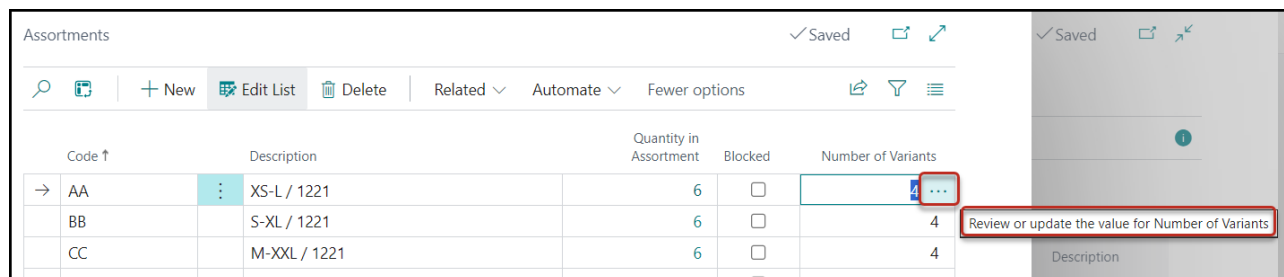
A Short Description for this Assortment that might be used as name for the Columns in a Matrix based on the **Field Used in Matrix X-Axis Description** of the VarDim Type.

QUANTITY IN ASSORTMENT

Will be calculated by the System based on the total pieces/units that are in this Assortment.

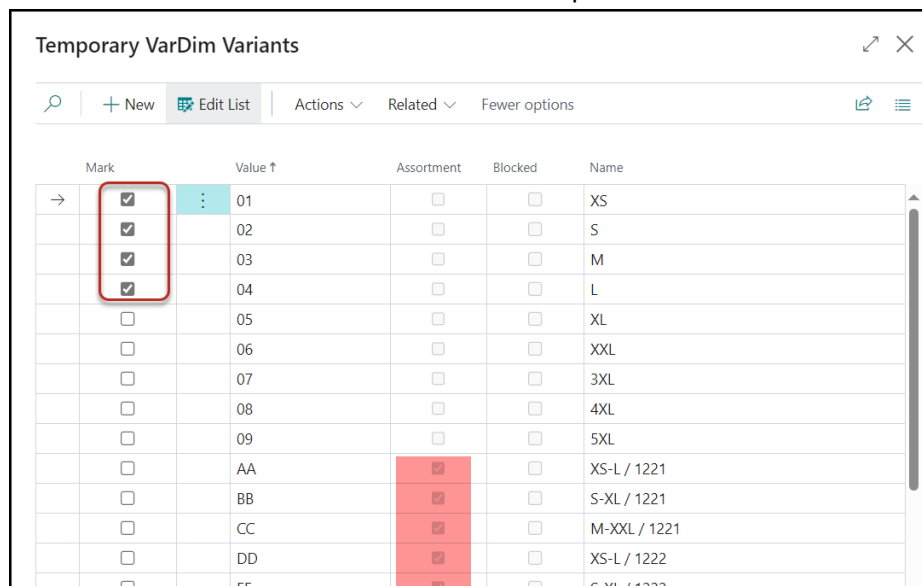
NUMBER OF VARIANTS

In the Field **Number of Variants**, you can click the **three dots** to *Review or update the value for number of Variants*.



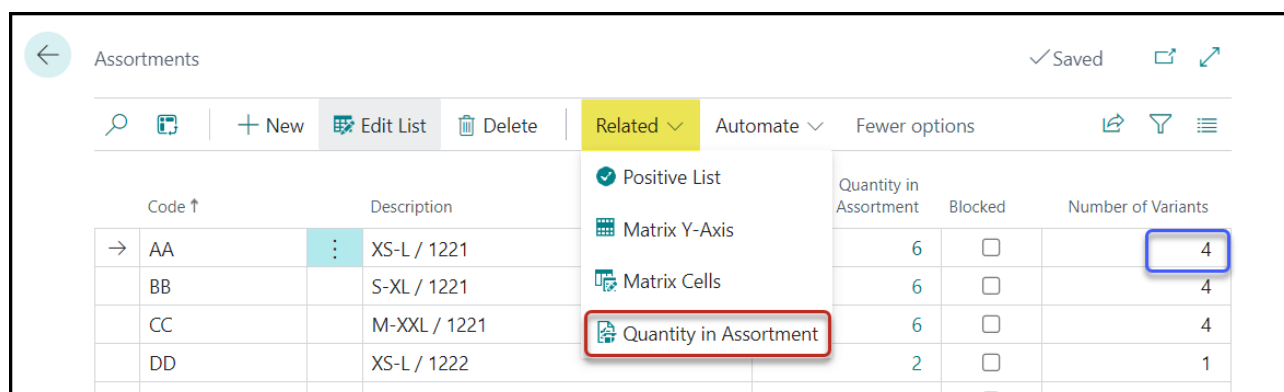
Code ↑	Description	Quantity in Assortment	Blocked	Number of Variants
→ AA	XS-L / 1221	6	☐	4
BB	S-XL / 1221	6	☐	4
CC	M-XXL / 1221	6	☐	4

In this page you need to **Mark** the Sizes that are in the Assortment. Be aware that you do not choose the **Values** with a checkmark in **Assortment** that represent the Assortments itself.



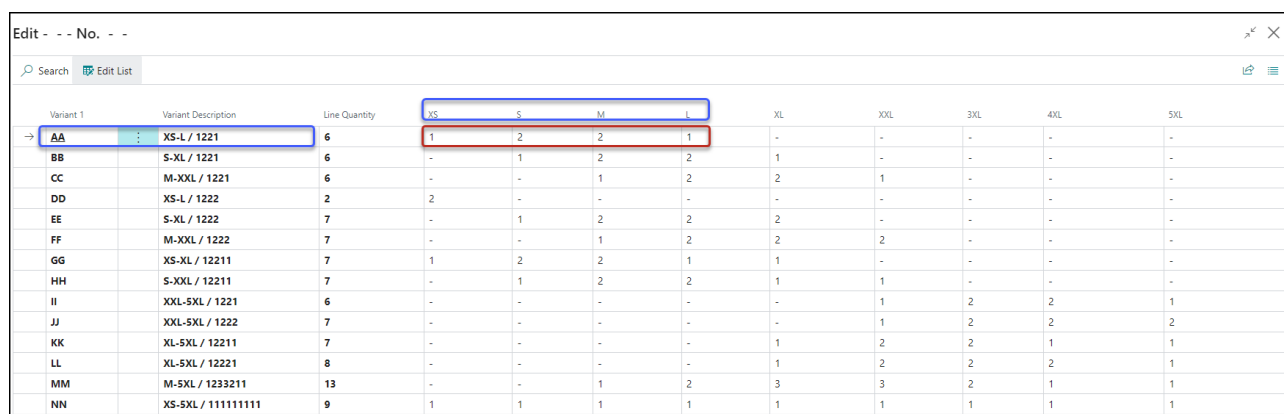
Mark	Value ↑	Assortment	Blocked	Name
→ ☒	01	☐	☐	XS
☒	02	☐	☐	S
☒	03	☐	☐	M
☒	04	☐	☐	L
☐	05	☐	☐	XL
☐	06	☐	☐	XXL
☐	07	☐	☐	3XL
☐	08	☐	☐	4XL
☐	09	☐	☐	5XL
☐	AA	☒	☐	XS-L / 1221
☐	BB	☒	☐	S-XL / 1221
☐	CC	☒	☐	M-XXL / 1221
☐	DD	☒	☐	XS-L / 1222
☐	EE	☒	☐	S-XL / 1222

Press **Esc** to go back to the Assortments page. The **Number of Variants** is now based on the number of Sizes that you marked.



Code	Description	Quantity in Assortment	Blocked	Number of Variants
AA	XS-L / 1221	6	☐	4
BB	S-XL / 1221	6	☐	4
CC	M-XXL / 1221	6	☐	4
DD	XS-L / 1222	2	☐	1
EE	S-XL / 1222	7	☐	4

Via **Related, Quantity in Matrix**, you can now enter the quantities per marked Size that you want to have in the Assortment.

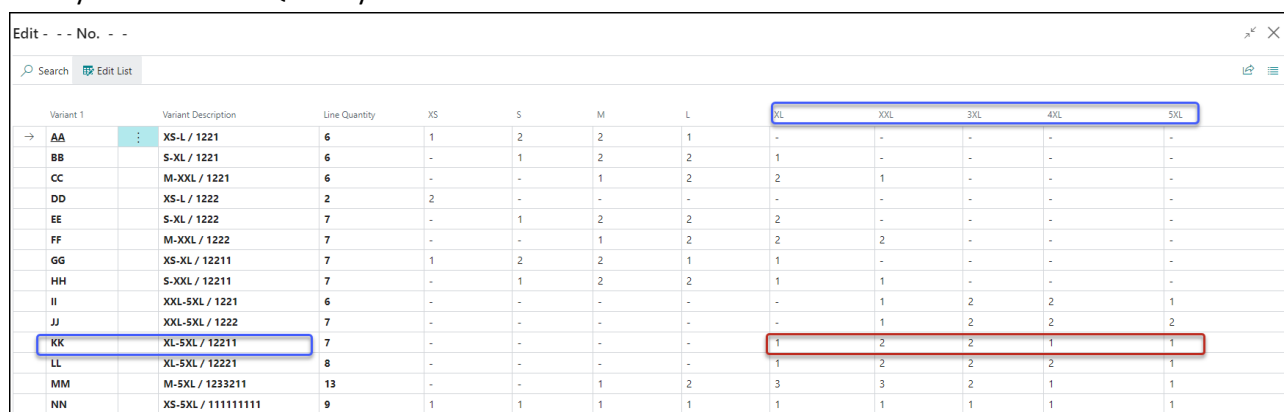


Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL	4XL	5XL
AA	XS-L / 1221	6	1	2	2	1	-	-	-	-	-
BB	S-XL / 1221	6	-	1	2	2	1	-	-	-	-
CC	M-XXL / 1221	6	-	-	1	2	2	1	-	-	-
DD	XS-L / 1222	2	2	-	-	-	-	-	-	-	-
EE	S-XL / 1222	7	-	1	2	2	2	-	-	-	-
FF	M-XXL / 1222	7	-	-	1	2	2	2	-	-	-
GG	XS-XL / 12211	7	1	2	2	1	1	-	-	-	-
HH	S-XXL / 12211	7	-	1	2	2	1	1	-	-	-
II	XXL-5XL / 1221	6	-	-	-	-	-	1	2	2	1
JJ	XXL-5XL / 1222	7	-	-	-	-	-	1	2	2	2
KK	XL-5XL / 12211	7	-	-	-	-	1	2	2	1	1
LL	XL-5XL / 12221	8	-	-	-	-	1	2	2	2	1
MM	M-5XL / 1233211	13	-	-	1	2	3	3	2	1	1
NN	XS-5XL / 111111111	9	1	1	1	1	1	1	1	1	1

In this page, you will see all the Sizes but a “-” in the Sizes that are not part of the Assortment.

In the picture above: for Assortment AA, we choose the Sizes XS, S, M and L, so only for these Sizes you can enter a Quantity in the Matrix.

In the picture below: for Assortment KK, we choose the Sizes XL, XXL, 3XL, 4XL and 5XL, so only for these Sizes you can enter a Quantity in the Matrix.



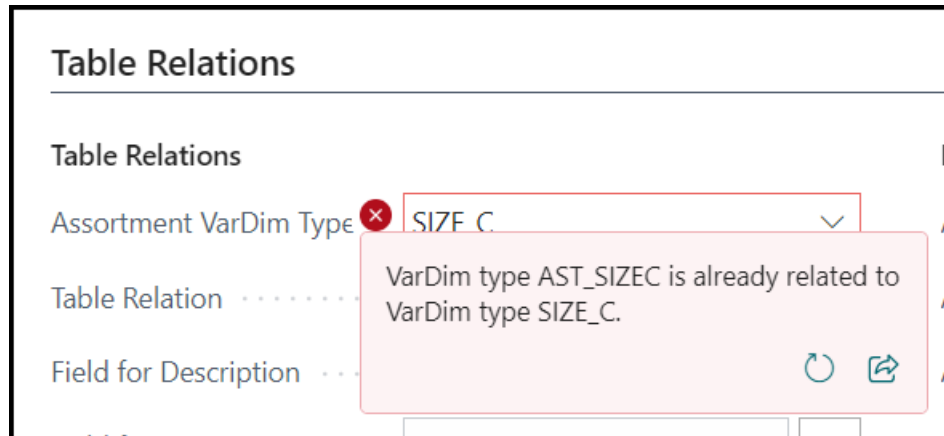
Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL	4XL	5XL
AA	XS-L / 1221	6	1	2	2	1	-	-	-	-	-
BB	S-XL / 1221	6	-	1	2	2	1	-	-	-	-
CC	M-XXL / 1221	6	-	-	1	2	2	1	-	-	-
DD	XS-L / 1222	2	2	-	-	-	-	-	-	-	-
EE	S-XL / 1222	7	-	1	2	2	2	-	-	-	-
FF	M-XXL / 1222	7	-	-	1	2	2	-	-	-	-
GG	XS-XL / 12211	7	1	2	2	1	1	-	-	-	-
HH	S-XXL / 12211	7	-	1	2	2	1	1	-	-	-
II	XXL-5XL / 1221	6	-	-	-	-	-	1	2	2	1
JJ	XXL-5XL / 1222	7	-	-	-	-	-	1	2	2	2
KK	XL-5XL / 12211	7	-	-	-	-	1	2	2	1	1
LL	XL-5XL / 12221	8	-	-	-	-	1	2	2	2	1
MM	M-5XL / 1233211	13	-	-	1	2	3	3	2	1	1
NN	XS-5XL / 111111111	9	1	1	1	1	1	1	1	1	1

It is quicker to create first the several Assortments and choose their Sizes, and then afterwards go to **Related, Quantity in Matrix**; then you can quicker enter all the quantities for the Sizes that are applicable for all the **Variant 1** values.

NOTE

You can only create 1 VarDim Type for Assortments per Sizes VarDim Type (Field **Assortment VarDim Type** in the Assortment VarDim Type).

The system will check if there is already a connection and will give an error message if you want to create two different VarDim Types of the **Type Code** with the same **Assortment VarDim Type**. I.e.,



Now you need to connect the Assortment Sizes to the Master.

This can be done in two ways:

- Connecting to a Master via a special [Assortment Matrix](#).
- Connecting to a Master in a regular [Matrix](#).

NOTE

Regardless which method you choose, you need to make sure up front, that all the regular Sizes that you have chosen in the Assortments are available for the Master as well.

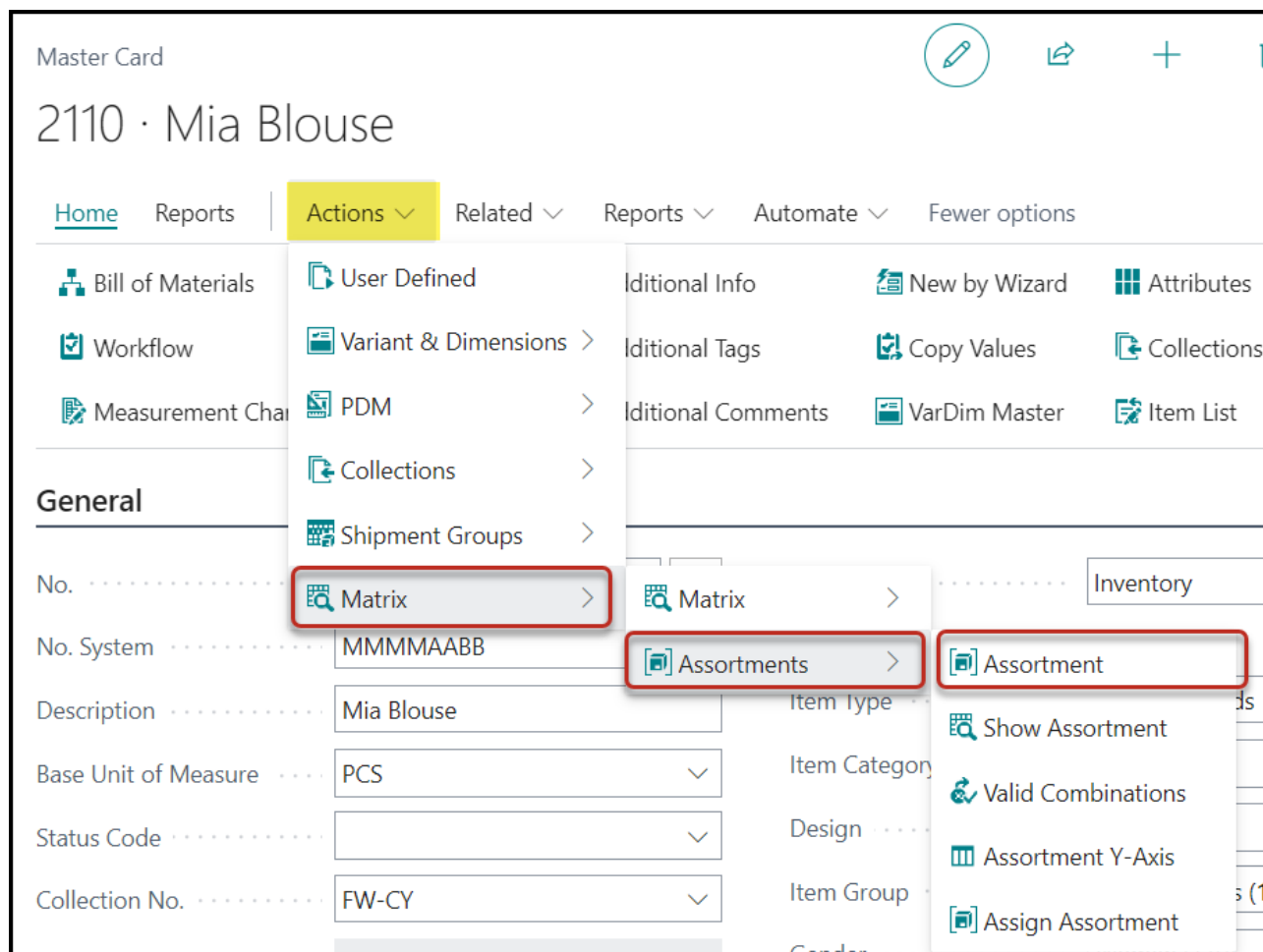
Therefore, based on the Assortments AA and KK shown in the picture on previous page, where you see Assortments with Sizes XS – 5XL, it means, that the Master that could have Assortment AA and KK, should be able to have the Sizes XS – 5XL as well.

That is done by clicking **Actions, Matrix, Matrix, Matrix** in the Master List/Card.

CONNECTING VIA A SPECIAL ASSORTMENT MATRIX

Once you created the Assortment Sizes as described in [Setup Assortments in a Separate VarDim Type](#), you can connect them to your Masters.

In the Master Card click **Actions, Matrix, Assortments, Assortment** to choose the applicable Assortments for the **Assortment Matrix** of the Master:



Pressing **<Enter>** on the first field **Relation 2 Name** makes sure that the Record is created automatically, and you can select the **Options Var1** (the Colors for which you want to use Assortments) and the **Options Var2** (the different Assortments – like AA - that are applicable).

I.e., for **Master 2110**, the system will determine that for **SIZE_C** (Variant 2 in the VarDim Master), there is a **VarDim Type** of **Type Code** with the **Assortment VarDim Type SIZE_C**, so the **VarDim Type Variant 2** will not be filled with **SIZE_C** but with **AST_SIZE_C**.

And the lookup on the **Options Var 2** will only show the Variants in the **VarDim Type AST_SIZE_C** that you can Mark.

- Assortment Matrix - Relation 1 NO. 2110 - Mia Blouse

+ New
Edit List
Delete
Related
Fewer options

Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant 3
→ 2110	Mia Blouse	COLOR_1	4	AST_SIZE_C	5	

Temporary VarDim Variants

+ New
Edit List
Actions
Related
Fewer options

Mark	Value ↑	Assortment	Blocked	Name
→ ☒	AA	☒	☐	XS-L / 1221
☒	BB	☒	☐	S-XL / 1221
☒	CC	☒	☐	M-XXL / 1221
☐	DD	☒	☐	XS-L / 1222
☐	EE	☒	☐	S-XL / 1222
☐	FF	☒	☐	M-XXL / 1222
☒	GG	☒	☐	XS-XL / 1221
☒	HH	☒	☐	S-XXL / 1221
☐	II	☒	☐	XXL-5XL / 1221
☐	JJ	☒	☐	XXL-5XL / 1222
☐	KK	☒	☐	XL-5XL / 1221

SPECIAL CONTENT OF FIELDS IN ASSORTMENT ITEMS

The Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will automatically get some specific content.

Item Card | Work Date: 6-9-2020

211030AA · Mia Blouse

Process
Item
Prices & Discounts
Request Approval
Actions
Related
Fewer options

Costs

Direct Unit Cost

Direct Unit Cost Calculation Method
Items in Assortment

Unit Cost Calculation

Base Calc. Unit Cost Material
Last Direct Cost + Indirect Cost

Overhead Calculation
Unit Cost Material

Overhead %
0,00

Unit Cost Calculation Method Sales
Item Unit Cost

Management Level Unit Cost
0

Calculation of Unit Cost in BOM Struct...

Calculated Unit Costs

Calc. Unit Cost Material
135,00

Calc. Unit Cost Time
0,00

Calc. Unit Cost Machine
0,00

Calc. Unit Cost Overhead
0,00

Calc. Unit Cost Total
135,00

Standard Unit Cost

Std. Unit Cost Material
135,00

Std. Unit Cost Time
0,00

Std. Unit Cost Machine
0,00

Std. Unit Cost Overhead
0,00

Std. Unit Cost Total
135,00

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Sale	
Unit List Price	0.00
Private Label	☐
Master Private Label	☐
Price Calculation	
Unit Price Calculation Method	Items in Assortment
Management Level Unit Price	0
VarDim Addition to Unit Price	No
Commission / Bonus	
Item Commission Group	
Item Bonus Group	

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

In other words: The **Direct Unit Cost** and the **Unit Price** for the Assortment Items will simply be based on the sum of the Direct Unit Costs and Unit Prices of the underlying Items. Of course, this also influences the **Unit Cost** (based on the **Direct Unit Cost**) of the Assortment Items.

I.e., if an Item has a **Direct Unit Cost** of 30, and there are 6 pieces in an Assortment, the **Direct Unit Cost** for the Assortment becomes $30 \times 6 = 180$.

NOTE

Keep in mind that Masters (with Assortment Items) or specific Assortment Items cannot be connected to a Campaign (Price Group Parameters) if the **Type** is set to *Get 1 for free* or *Mix & Match* unless the Assortment Items have the **Unit Price Calculation Method** set to *Price List*.

See **White Paper – TRIMIT Price Group Parameters and Campaigns** for more details.

If this is not what you want, you need to change these two fields manually in the Item Cards.

Costs	
Direct Unit Cost	
Direct Unit Cost Calculation Method	Items in Assortment
Unit Cost Calculation	
Base Calc. Unit Cost Material	Price List
	Sum Total of Component Direct Unit Cost
	Items in Assortment

Sale	
Unit List Price	0.00
Private Label	☐
Master Private Label	☐
Price Calculation	
Unit Price Calculation Method	Items in Assortment
Management Level Unit Price	Price List
VarDim Addition to Unit Price	Unit Cost + CM
	Sum Total of Component Unit Prices
	Related Order No.
	Items in Assortment

In that case, you can enter the **Last Direct Cost** and (Calculated/Standard) **Unit Cost** on the Assortment Items manually.

And enter the Sales Prices specifically for these Assortment Items by using the **Search Expression** or **Formulas** in the Master Sales Prices, or by entering the Sales Prices related to the individual Assortment Items.

Be aware, that if you use the regular Sizes VarDim Type (i.e., *SIZE_C*) in the **Search Expression** of the Sales Prices or Purchase Prices for a Master, you will – by default – only see the regular Sizes if you click **Search Table Lines**.

Item 2110

✓ Saved

Sales Prices Search + New Edit List Delete Dimension Prices **Search Table Lines** Formula Lines More options

General

Sales Type Filter: None Item/Master No. Filter: 2110

Sales Code Filter: Starting Date Filter:

Item Type Filter: Master Currency Code Filter:

Sales Type ↑	Sales Code ↑	Item No. ↑	Unit of Measure Code ↑	Minimum Quantity ↑	Curre... Code ↑	Unit Price	Dimension Prices	Starting Date ↑	Ending Date	Search Expression	Search Table	Use Search Table Result	Formula	Price Includes VAT	VAT Bus. Posting (Price)
Customer Price Group	RETAIL	2110	PCS	0		79.00	0					Default		☒	DOME!
Customer Price Group	RETAIL	2110	PCS	0	DKK	675.00	0					Default		☒	DOME!
Customer Price Group	RETAIL	2110	PCS	0	EUR	119.00	0					Default		☒	DOME!
Customer Price Group	RETAIL	2110	PCS	0	NOK	729.00	0					Default		☒	DOME!
Customer Price Group	RETAIL	2110	PCS	0	SEK	790.00	0					Default		☒	DOME!
Customer Price Group	RETAIL	2110	PCS	0	USD	124.00	0					Default		☒	DOME!
→ All Customers	:	2110	PCS	0		39.99	0			SIZE_C		Default		☐	
All Customers		2110	PCS	0	EUR	49.99	0					Default		☐	

You need to enter the Assortment Sizes manually to be able to enter the special **Unit Price** for the Assortments.

Edit - Search Table Lines

Search + New Edit List Delete Search Table Header Maintain

Inactive	Not Valid	SIZE_C ↑	Casual Sizes XS - 5XL	Unit Price
→	☐	01	XS	39.99
	☐	02	S	39.99
	☐	03	M	39.99
	☐	04	L	39.99
	☐	05	XL	39.99
	☐	06	XXL	39.99
	☐	07	3XL	39.99
	☒	AA	XS-L / 1221	220.0
	☒	DD	XS-L / 1222	260.0

CONNECTING IN A REGULAR MATRIX

Once you created the Assortment Sizes as described in [Setup Assortments in a Separate VarDim Type](#), you can connect them to your Masters.

In the Master Card go to **Actions, Matrix, Matrix, Matrix**:

Master Card

2130 · Rose Shirt

Home Reports **Actions** Related Reports Automate Fewer options

Bill of Materials User Defined Additional Info New by Wizard Attributes Inventory Profile

Workflow Variant & Dimensions Additional Tags Copy Values Collections Statistics

Measurement Chain PDM Additional Comments VarDim Master Item List Product Information

General

No. Matrix Matrix Matrix

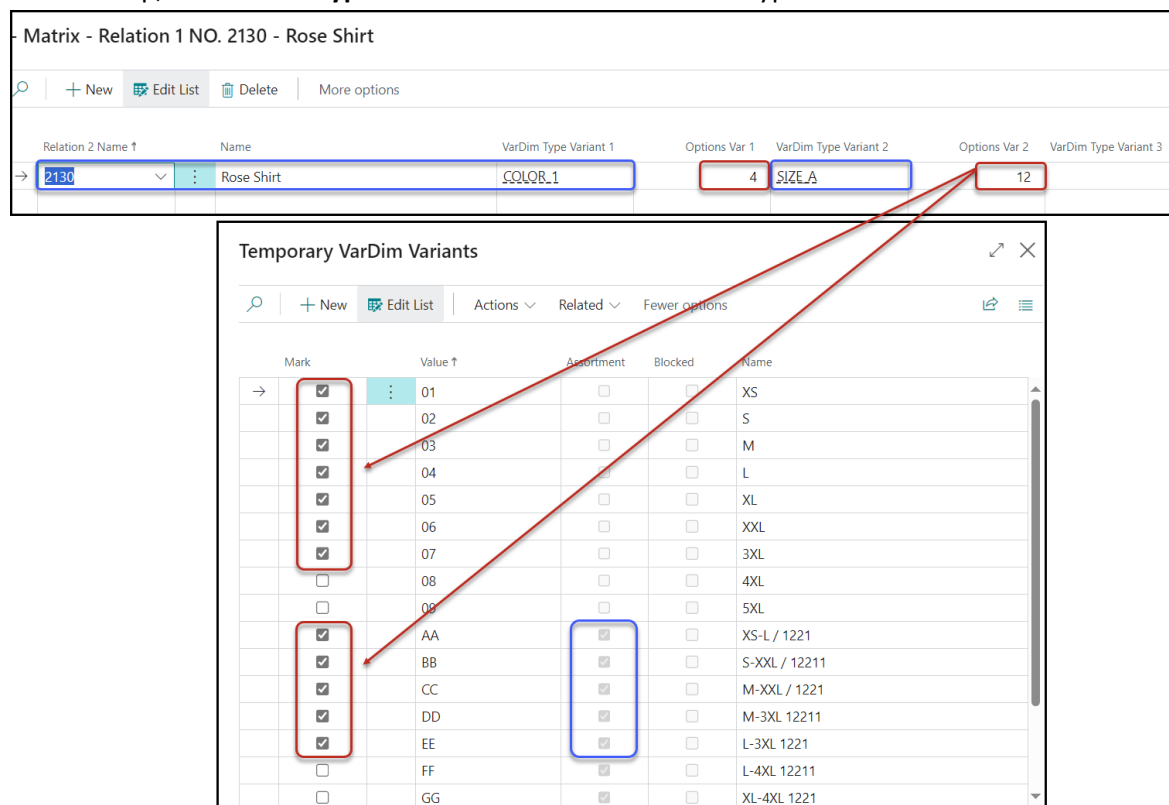
No. System MMMMAABB Assortments Show Matrix

Description Rose Shirt Item Type

Base Unit of Measure PCS Item Category

Pressing **<Enter>** on the first field **Relation 2 Name** makes sure that the Record is created, and you can select the **Options Var1** (the Colors for which you want to use the regular Sizes and the Assortment Sizes) and the **Options Var2** (the regular Sizes and the Assortment Sizes).

In this setup, the **VarDim Type Variant 2** remains the VarDim Type with *Variant 2* in the VarDim Master.



Matrix - Relation 1 NO. 2130 - Rose Shirt

Relation 2 Name ↑ Name VarDim Type Variant 1 Options Var 1 VarDim Type Variant 2 Options Var 2 VarDim Type Variant 3

→ 2130 Rose Shirt COLOR_1 4 SIZE_A 12

Temporary VarDim Variables

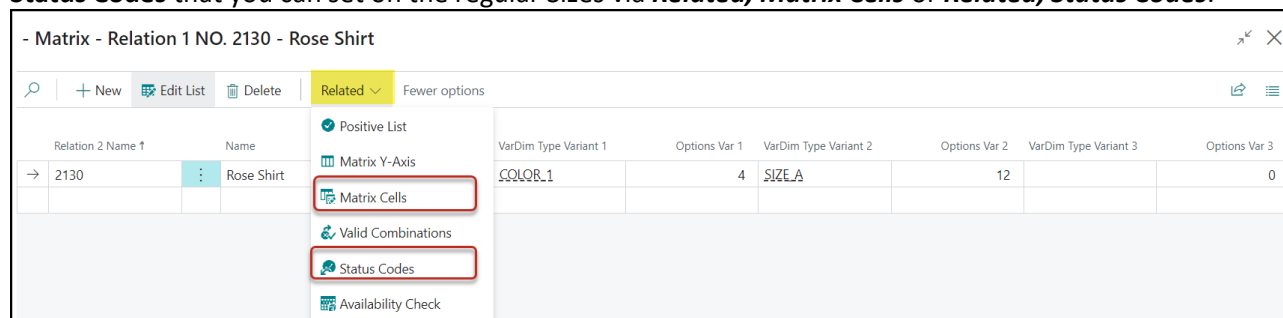
Mark Value ↑ Assortment Blocked Name

☒	01	☐	☐	XS
☒	02	☐	☐	S
☒	03	☐	☐	M
☒	04	☐	☐	L
☒	05	☐	☐	XL
☒	06	☐	☐	XXL
☒	07	☐	☐	3XL
☐	08	☐	☐	4XL
☐	09	☐	☐	5XL
☒	AA	☒	☐	XS-L / 1221
☒	BB	☒	☐	S-XXL / 12211
☒	CC	☒	☐	M-XXL / 1221
☒	DD	☒	☐	M-3XL 12211
☒	EE	☒	☐	L-3XL 1221
☐	FF	☒	☐	L-4XL 12211
☐	GG	☒	☐	XL-4XL 1221

After you have marked the applicable Values (Sizes and Assortment Sizes), click **Close**.

To use the regular Sizes in your Assortment Sizes, you need to select the regular Sizes (XS – 5XL if applicable) as well, so you are not able to choose only the Assortment Sizes!
You need the regular Sizes to determine the content of Items in an Assortment.

If it should not be possible to sell the regular Sizes, but only the Assortment Sizes, you can make use of the **Status Codes** that you can set on the regular Sizes via **Related, Matrix Cells** or **Related, Status Codes**:



Matrix - Relation 1 NO. 2130 - Rose Shirt

Relation 2 Name ↑ Name VarDim Type Variant 1 Options Var 1 VarDim Type Variant 2 Options Var 2 VarDim Type Variant 3 Options Var 3

→ 2130 Rose Shirt COLOR_1 4 SIZE_A 12 0

Related

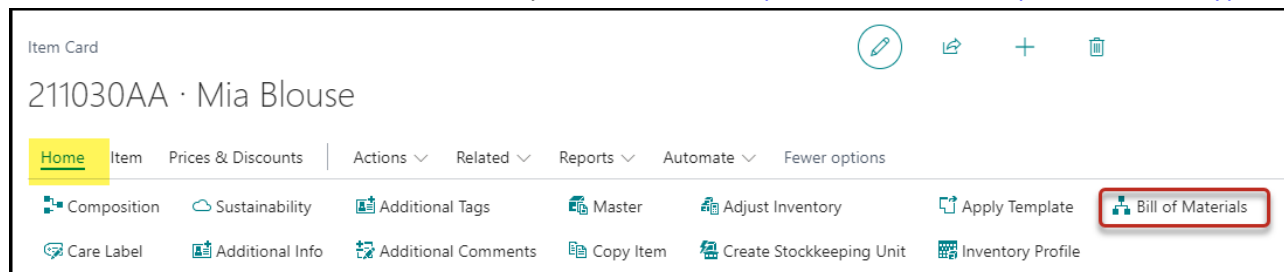
- Positive List
- Matrix Y-Axis
- Matrix Cells
- Valid Combinations
- Status Codes
- Availability Check

Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will automatically get some specific content.

See [Special content of Fields in Assortment Items](#)

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The content of Assortment Items can be seen in the Bill of Materials of the Assortment Items (via **Home, Bill of Materials**) regardless, if the Assortment Item is part of an **Assortment Matrix** or a regular **Matrix**. This Bill of Materials is created automatically based on the [Setup Assortments in a separate VarDim Type](#):



Item Card

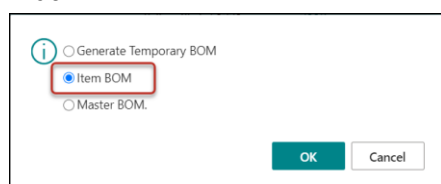
211030AA · Mia Blouse

Home Item Prices & Discounts Actions Related Reports Automate Fewer options

Composition Sustainability Additional Tags Master Adjust Inventory Apply Template **Bill of Materials**

Care Label Additional Info Additional Comments Copy Item Create Stockkeeping Unit Inventory Profile

Matrix



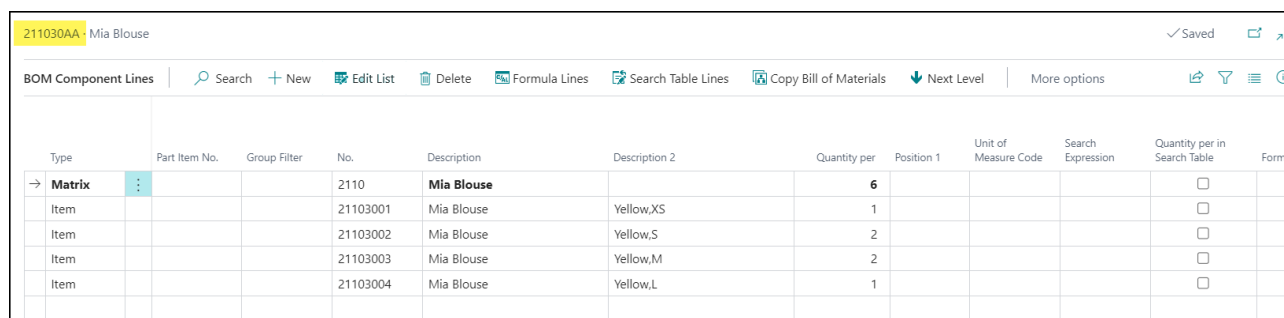
Generate Temporary BOM

Item BOM

Master BOM.

OK Cancel

Choose **Item BOM** and click **OK**.



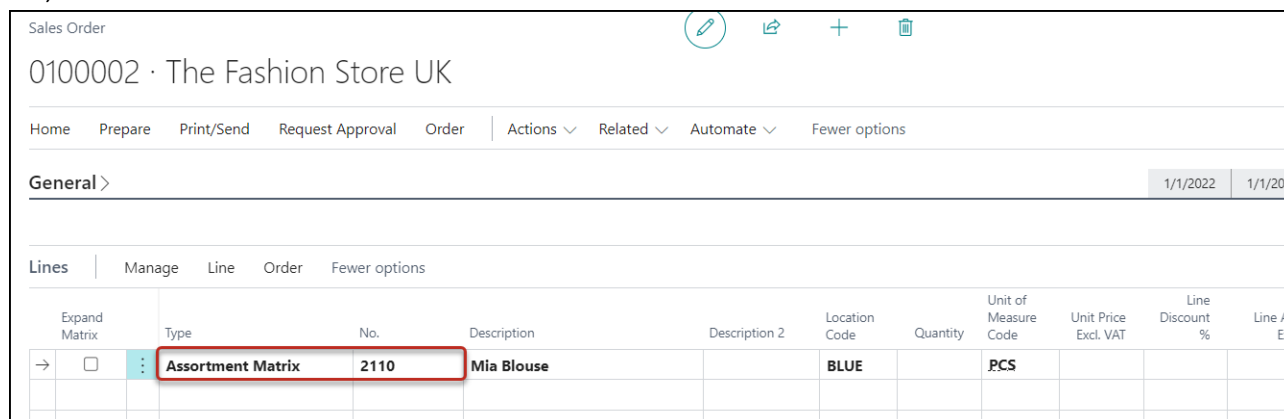
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Position 1	Unit of Measure Code	Search Expression	Quantity per in Search Table	Formula
→ Matrix			2110	Mia Blouse		6					
Item			21103001	Mia Blouse	Yellow,XS	1					
Item			21103002	Mia Blouse	Yellow,S	2					
Item			21103003	Mia Blouse	Yellow,M	2					
Item			21103004	Mia Blouse	Yellow,L	1					

HOW TO USE THE ASSORTMENTS

BY USING AN ASSORTMENT MATRIX

In the Lines of a Sales Document, Purchase Document and Production Collecting Order you can choose (Line) **Type Assortment Matrix** to enter the quantities per Color/Assortment of a Master.

I.e., in the Sales Order:



Sales Order

0100002 · The Fashion Store UK

Home Prepare Print/Send Request Approval Order Actions Related Automate Fewer options

General > 1/1/2022 1/1/2022

Lines Manage Line Order Fewer options

Expand Matrix	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Ar Ext
→	Assortment Matrix	2110	Mia Blouse		BLUE		PCS			

You will only see the Colors and the Assortments in the Matrix:

Edit - - Sales Order 0100002 - No. 2110 - Mia Blouse -									
Search Edit List Matrix Inventory Profile More options									
Variant 1	Variant Description			Line Quantity	AA	BB	CC	GG	HH
30	Yellow			2	2 [6]	[4]	[4]	[4]	[0]
60	Forest Green			3	[0]	3 [7]	[7]	[4]	[0]
70	Red			2	[3]	[5]	2 [3]	[3]	[10]
→ 73	Pink				[2]	[3]	[3]	[2]	[0]

In the Sales Lines, you will see the special Assortment Sizes:

Lines Manage Line Order Fewer options												
Expand Matrix	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT	Related Order No.	
☒	Assortment Matrix	2110	Mia Blouse		BLUE	7	PCS	239.94		1,679.58	—	
☐	Item	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE	2	PCS	239.94		479.88	—	
☐	Item	211060BB	Mia Blouse	Forest Green,S-XL / 1221	BLUE	3	PCS	239.94		719.82	—	
☐	Item	211070CC	Mia Blouse	Red,M-XXL / 1221	BLUE	2	PCS	239.94		479.88	—	

In the Lines of an Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Assortment Matrix**, to enter the quantities per Color/Assortment of a Master.

I.e., in the Item Journal:

Item Journals												
Batch Name DEFAULT												
Manage Home Line More options												
Post Calculate Warehouse Adjustment... Print... Get Standard Journals... Recalculate Unit Amount Inventory Profile Explode BOM												
Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2					
Assortment Matrix	1/1/2022	☒	Positive Adjmt.	T00007	2110	Mia Blouse						

Edit - - No. 2110 - Mia Blouse -												
Search Edit List Matrix Inventory Profile More options												
Variant 1	Variant Description			Line Quantity	AA	BB	CC	GG	HH			
30	Yellow			1	1							
60	Forest Green			2		2						
70	Red											
→ 73	Pink											

Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	New Location Code	Quantity	Unit of Measure Code	Unit Amount
Assortment Matrix	1/1/2022	☒	Positive Adjmt.	T00007	2110	Mia Blouse		BLUE		3	PCS	135.00
Item	1/1/2022	☐	Positive Adjmt.	T00007	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE		1	PCS	135.00
Item	1/1/2022	☐	Positive Adjmt.	T00007	211060BB	Mia Blouse	Forest Green,S-XL / 1221	BLUE		2	PCS	135.00

In all these situations, you can see the content of the Assortment Items in the Matrix:

In the Cell of the Matrix regarding Assortments, you can enter an *M* or *m* to see the content of that specific Assortment. I.e., if you enter an *M* in the Matrix Cell of *Yellow/AA* of the Sales line above, it will show:

Edit - - No. 2110 - Mia Blouse -									
Search Edit List Matrix Inventory Profile More options									
Variant 1	Variant Description	Line Quantity	XS	S	M	L	XL	XXL	3XL
→ 30	Yellow	6	1	2	2	1			
60	Forest Green								
70	Red								
73	Pink								

It is also possible to see the **Item Bill of Materials** for these Assortment Sizes, by entering a *B* or *b*.

I.e., if you enter an *B* in the Matrix Cell of *Yellow/AA* of the Sales line above, it will show:

BOM Component Lines 211030AA - Mia Blouse											
+ New Edit List Delete Formula Lines Search Table Lines Copy Bill of Materials Next Level More options											
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula	Work Ce
→ Matrix			2110	Mia Blouse		6					
Item			21103001	Mia Blouse	Yellow,XS	1					
Item			21103002	Mia Blouse	Yellow,S	2					
Item			21103003	Mia Blouse	Yellow,M	2					
Item			21103004	Mia Blouse	Yellow,L	1					

BY USING A REGULAR MATRIX

Besides using the Assortments in a specific **Assortment Matrix** Line on your documents, you can also use Assortments as extra “Assortment Sizes” in the regular Sizes VarDim Type, and therefore in a regular **Matrix** Line on your documents.

The advantage of this setup is that when you open the Matrix in a Sales-/Purchase Document, Production Collecting Order, or the Item Journal, you will not only see the regular Sizes, but also the Assortment Sizes in the columns. The **Type** of the Line in your documents/journals, however, will simply remain *Matrix*. The Assortment Sizes can simply be used as a regular Color/Size in a Matrix.

In the Lines of a Sales Document, Purchase Document and Production Collecting Order you can choose **Type Matrix** to enter the quantities per Color/Assortment and/or Color/Size of a Master.

In the Lines of an Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Matrix**, to enter the quantities per Color/Assortment and/or Color/Size of a Master.

I.e., in the Matrix of a Sales Order:

- Sales Order 0100001 - No. 2130 - Rose Shirt -														
Search Edit List Matrix Inventory Profile More options														
Variant 1	Variant Description	Line Quant...	AA	BB	CC	DD	EE	XS	S	M	L	XL	XXL	3XL
→ 01	White		[1]	[0]	[0]	[0]	[1]	[17]	[36]	[54]	[71]	[53]	[36]	[18]
30	Yellow		[0]	[1]	[0]	[0]	[0]	[18]	[36]	[54]	[70]	[52]	[34]	[17]
65	Lawn Green		[0]	[0]	[1]	[0]	[0]	[17]	[34]	[51]	[68]	[51]	[34]	[17]
99	Black		[0]	[0]	[0]	[1]	[0]	[19]	[37]	[55]	[72]	[53]	[34]	[17]

In the Cell of the Matrix regarding Assortments, you can enter an *M* or *m* to see the content of that specific Assortment. I.e., if you enter an *M* in the Matrix Cell of *White/AA* it will show:

-- No. 2130 - Rose Shirt -															
Edit List Matrix Inventory Profile More options															
Variant 1	Variant Description	Line Quant...	AA	BB	CC	DD	EE	XS	S	M	L	XL	XXL	3XL	
→ 01	White	6	-	-	-	-	-	-	1	2	2	1			
30	Yellow		-	-	-	-	-	-							
65	Lawn Green		-	-	-	-	-	-							
99	Black		-	-	-	-	-	-							

It is also possible to see the **Item Bill of Materials** for these Assortment Sizes, by entering a *B* or *b*.

I.e., if you enter an *B* in the Matrix Cell of *White/AA* it will show:

BOM Component Lines - 213001AA · Rose Shirt										
+ New Edit List Delete Formula Lines Search Table Lines Copy Bill of Materials Next Level More options										
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula
→ Matrix			2130	Rose Shirt		6			☐	
Item			21300102	Rose Shirt	White,S	1	PCS		☐	
Item			21300103	Rose Shirt	White,M	2	PCS		☐	
Item			21300104	Rose Shirt	White,L	2	PCS		☐	
Item			21300105	Rose Shirt	White,XL	1	PCS		☐	

SETUP ASSORTMENTS IN A SIZES VARDIM TYPE

Only in case the Assortments are not setup by using the **Assortment Matrix**, but by using the regular **Matrix**, you are able to create the content of the Assortments manually for every Master itself, and not via the [Setup Assortments in a separate VarDim Type](#).

Without a special VarDim Type for Assortments, you are still able to add Assortment Sizes in a regular Size VarDim Type, but in that case, for every Master, you need to specify what the content is for a specific Assortment.

This means, that Assortment Size AA could have a different content for Master 1 as for Master 2 although they might have the same VarDim Type for the Sizes.

The disadvantage of this individual setup might be that you have to specify the content of every Color/Assortment Size for every Master individually, but when using the [Setup Assortments in a separate VarDim Type](#), you only have to set it up once in the specific Assortment-VarDim Type.

But you can also make use of the **Matrix Distribution** to make sure that you always have the same quantities of the individual Sizes for a specific Assortment.

WHEN NOT USING SEPARATE CODE VARDIM TYPE

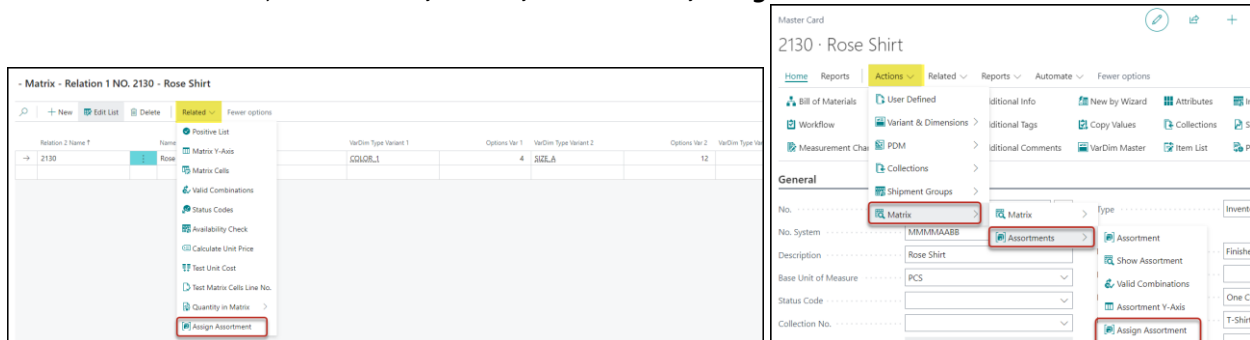
When you want to add Assortment Sizes to a regular Sizes VarDim Type, you can simply create extra Values (Variants) in the Sizes VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment.

I.e.

VarDim Variant Option No. SIZE_A - 23 🔍 ⌵ + New 🗨 Edit List ...					
Value ↑	Description	Short Description	Assortment	Hex Code	
01	XS	XS	☐		
02	S	S	☐		
03	M	M	☐		
04	L	L	☐		
05	XL	XL	☐		
06	XXL	XXL	☐		
07	3XL	3XL	☐		
08	4XL	4XL	☐		
09	5XL	5XL	☐		
AA	S-XL 1221	AA	☒		
BB	S-XXL 1221	BB	☒		
CC	M-XXL 1221	CC	☒		
DD	M-3XL 1221	DD	☒		
EE	L-3XL 1221	EE	☒		
FF	L-4XL 1221	FF	☒		
GG	XL-4XL 1221	GG	☒		
HH	XL-5XL 1221	HH	☒		
II	XXL-5XL 1221	II	☒		
→ ZZ	⋮ M-XXL 1221 - mixed Colors	ZZ	☒		

Now, the content of an actual Assortment is NOT setup via a separate VarDim Type with the **Assortment VarDim Type** filled, but via the Master to which you connect this specific Sizes VarDim Type. After you have chosen the Sizes (including Assortment Sizes), you still need to determine the content of the Assortments itself. In the **Matrix Relation** page, you need to click **Related, Assign Assortments**. Or in the Master Card, click **Actions, Matrix, Assortments, Assign Assortments**.



- Matrix Master - No. 2130 - Rose Shirt -

Variant 1	Variant Description	Line Quantity	AA	BB	CC	DD	EE	XS	S	M	L	XL	XXL	3XL
01	White		[6]	[7]	[6]	[7]	[6]	-	-	-	-	-	-	-
30	Yellow		[6]	[7]	[6]	[7]	[6]	-	-	-	-	-	-	-
65	Lawn Green		[6]	[7]	[6]	[7]	[6]	-	-	-	-	-	-	-
99	Black		[6]	[7]	[6]	[7]	[6]	-	-	-	-	-	-	-

In every Matrix Cell of an Assortment Size, you need to enter an *M* or *m* to fill the actual content of the Assortment.

I.e., if you enter *M* in the Matrix Cell of *White/AA* and click **<Enter>** you can fill the quantities for the *White/AA*:

- - No. 2130 - Rose Shirt -

Variant 1	Variant Description	Line Quantity	AA	BB	CC	DD	EE	XS	S	M	L	XL
01	White	6		-	-	-	-	-	1	2	2	1
30	Yellow		-	-	-	-	-					
65	Lawn Green		-	-	-	-	-					
99	Black		-	-	-	-	-					

This must be done for every Color/Size combination; so, based on the pictures above with 4 Colors and 5 Assortment Sizes: 20 times!

As you can see; the content of the Color/Assortment is related to the Master; not to a specific VarDim Type. Therefore, NOT using the [Setup Assortments in a Sizes VarDim Type](#) means that you have to determine the content of every Color/Assortment combination in every Master where you want to use these Assortment Sizes.

Based on the selected Colors and Sizes via **Actions, Matrix, Matrix, Matrix** in the Master List/Card, the Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will get automatically some specific content, the same way as in [Setup Assortments in a separate VarDim Type](#):

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

The same way as in [Special content of Fields in Assortment Items](#).

HOW TO MAKE USE OF THE MATRIX DISTRIBUTION

If the quantities per Size in an Assortment should always be the same and not depending on the Colors, you can also make use of the **Matrix Distribution** of the Sizes VarDim Type.

Therefore: go to the **VarDim Type** List, select the Sizes VarDim Type, and click **Actions, Distribution, Matrix Distribution**

VarDim Types: All ▾						
+ New 🗑 Delete ✎ Edit List 📄 Variant Table / Options ⌵ Actions ▾ 🔗 Related ▾ ⚙ Automate ▾ ⋮						
Type	No. ↑	VarDim Variant	VarDim Type Name	Dim	varDim Attribute Name	
Variant	SHOE_US	2 /	US Shoe Sizes 5 - 13	No	er	
Variant	SHOE_WIDTH	67	Shoe Width	No	VarDim Master	
Variant	SIZE_A	23	Casual Sizes and Assortments	No	VarDim Master	
Variant	SIZE_C	20	Casual Sizes XS - 5XL	No	VarDim Master	
					TRIMIT_SIZE	

Suppose, Assortment AA is S-XL 1221 you can create a Matrix Distribution for **Code AA**:

Edit - Matrix Orders Matrix Sheet									
🔍 Search + New ✎ Edit List 🗑 Delete ⏮ Previous Set ⏭ Next Set 📄 Open in Excel 🔗 Related ⋮ Fewer options									
Code ↑	Description	Total Quantity	XS	S	M	L	XL	XXL	3XL
→ AA	S-XL / 1221	6,00		1	2	2	1		

And the moment you need to enter the quantities per Color/Assortment Size for a Master, as shown on the previous page, you can use the **Matrix Distribution Code AA**, to quickly fill the quantities per Size that are in that Assortment.

🔍 Search + New ✎ Edit List ⚙ Process 📄 Open in Excel 🔗 Related ⋮ Fewer options									
Variant 1	Variant Description	Line Quantity	Matrix Distribution Code	XS	S	M	L	XL	XXL
03	Snow								
21	Light Blue								
→ 25	Navy	6	AA		1	2	2	1	

NOTE

When using the **Matrix Distribution**, it is convenient to use the same codes for the Matrix Distribution as the Assortment Size (AA -> AA)

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The content of Assortment Items can also be seen in the Bill of Materials of the Assortment Items in the Item Card (via **Home, Bill of Materials**):

Item Card									
213001AA · Rose Shirt									
Home Item Prices & Discounts ⌵ Actions ▾ 🔗 Related ▾ 📄 Reports ▾ ⚙ Automate ▾ ⋮ Fewer options									
Composition	Sustainability	Additional Tags	Master	Adjust Inventory	Apply Template	Bill of Materials			
Care Label	Additional Info	Additional Comments	Copy Item	Create Stockkeeping Unit	Inventory Profile				

Generate Temporary BOM

Item BOM

Master BOM

OK

Cancel

Choose *Item BOM* and click **OK**.

213001AA - Rose Shirt | Work Date: 6-9-2020

BOM Component Lines

Search

New

Edit List

Delete

Formula Lines

Search Table Lines

Group Filter

Copy Bill of Materials

Next Level

Master Wor

Group Filter	No.	Description	Description 2	Part Item No.	Quantity per	Unit of Measure Code	Search Expression	Quantity per in Search Table	Formula	Work Center	Info... Item
→ ...	2130	Rose Shirt			6			☐			☐
	21300102	Rose Shirt	White.S		1	PCS		☐			☐
	21300103	Rose Shirt	White.M		2	PCS		☐			☐
	21300104	Rose Shirt	White.L		2	PCS		☐			☐
	21300105	Rose Shirt	White.XL		1	PCS		☐			☐

ONE SIZE / MANY COLORS ASSORTMENTS

I.e., an Assortment with 1 x Blue, 1 x White for one Size of a Master.

This can be setup for a special **Assortment Matrix** or as Assortment Sizes in a regular **Matrix**.

Regardless the setup you can choose, you usually want to have the same content for a specific Assortment based on a VarDim Type of Colors, regardless the Master.

That is why you should start by creating the content for these Assortments via a special VarDim Type of the **Type Code**. – even though it is also possible to determine the content of an Assortment manually.

I.e., an Assortment with 1 x S, 2 x M, 2 x L and 1 x XL for a color of a Master.

This can be setup for a special **Assortment Matrix** or as Assortment Sizes in a regular **Matrix**.

Regardless the setup you can choose, you usually want to have the same content for a specific Assortment based on a VarDim Type of Sizes, regardless the Master.

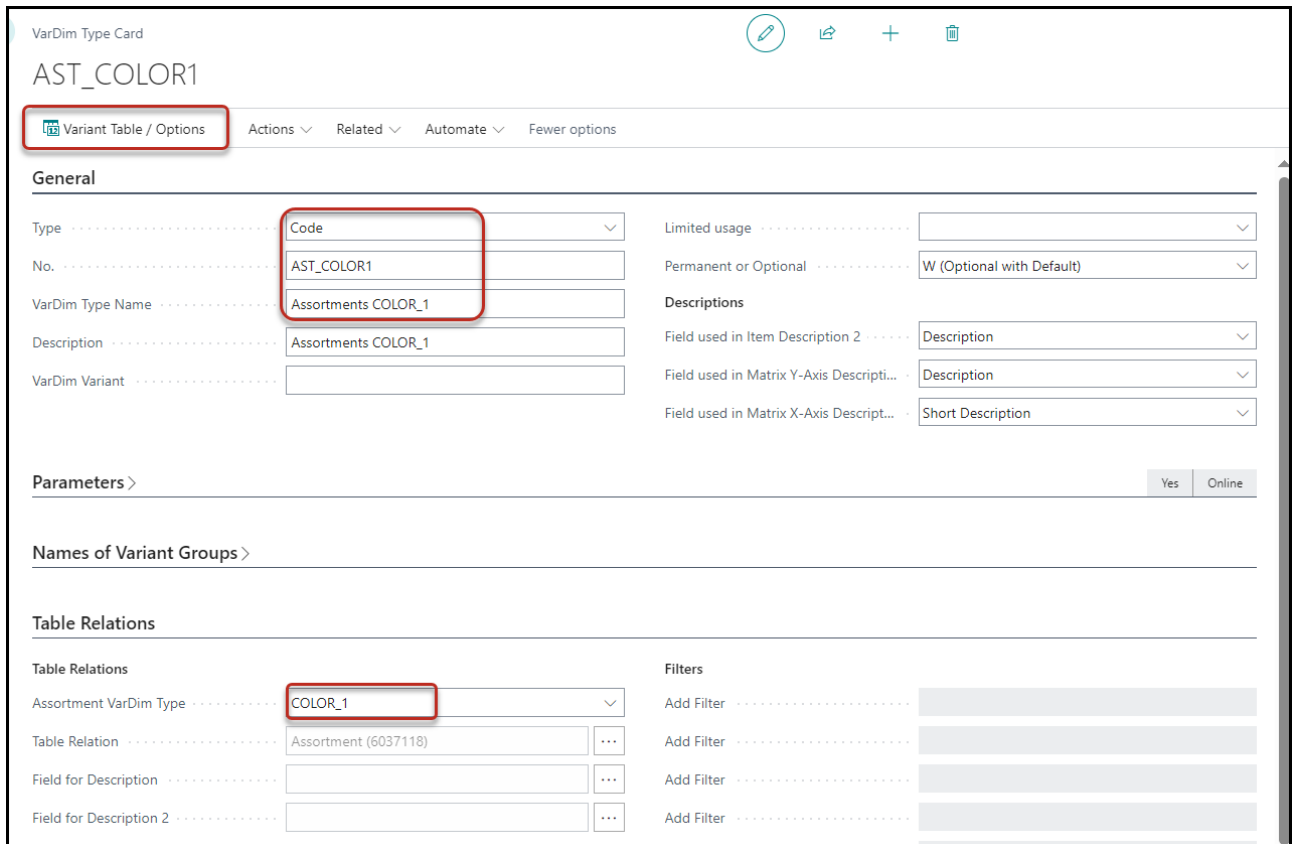
That is why you should start by creating the content for these Assortments via a special VarDim Type of the **Type Code**. – even though it is also possible to determine the content of an Assortment manually.

For this see [When Not using Separate Code VarDim Type](#).

SETUP ASSORTMENTS IN A SEPARATE VARDIM TYPE

When you want to create a **VarDim Type** specifically for Assortments, you need to make a connection to the actual Colors VarDim Type from which you choose the Colors and Quantities that are in the Assortment.

Example: a VarDim Type for Assortments related to a Colors **VarDim Type** called **COLOR_1** could look like this:



VarDim Type Card

AST_COLOR1

Variant Table / Options Actions Related Automate Fewer options

General

Type Code Limited usage

No. AST_COLOR1 Permanent or Optional W (Optional with Default)

VarDim Type Name Assortments COLOR_1

Description Assortments COLOR_1

VarDim Variant

Descriptions

Field used in Item Description 2 Description

Field used in Matrix Y-Axis Descripti... Description

Field used in Matrix X-Axis Descripti... Short Description

Parameters > Yes Online

Names of Variant Groups >

Table Relations

Table Relations

Assortment VarDim Type COLOR_1

Table Relation Assortment (6037118)

Field for Description

Field for Description 2

Filters

Add Filter

Add Filter

Add Filter

Add Filter

Type must be *Code* and in **Assortment VarDim Type** you need to enter the VarDim Type which is the related Colors VarDim Type for which you want to create the Assortments.

When you click **Variant Table/Assortment** you can enter the Codes and the Descriptions within the VarDim Type **AST_COLOR_1** for the Assortments.

The **Description** will also be used in **Description 2** of the special Assortment Items. Therefore, we advise to make the **Description** meaningful and telling something regarding the content of the Assortment.

Assortments					
✓ Saved					
+ New Edit List Delete Related Automate Fewer options					
Code ↑	Description	Short Description	Quantity in Assortment	Bloc...	Number of Variants
00	Mixed Colors	Mixed Colors	0	☐	0
→ AA	Black/White, 11	Blk/Whit	2	☐	2
BB	Black/Red, 11	Blk/Red	2	☐	2
CC	Blue/White, 11	Blu/Whit	2	☐	2
DD	Blue/Red, 11	Blu/Red	2	☐	2
EE	Black/White/Red, 121	Blk/Whit/Red	4	☐	3
FF	White 2	White2	2	☐	1
GG	White 5	White5	5	☐	1

These Codes will also be created as **Values** in the Colors VarDim Type itself of the **Assortment VarDim Type** (**COLOR_1** in this example) with a checkmark in the field **Assortment**.

VarDim Variant Option No. COLOR_1 - 10									
+ New Edit List									
Value ↑	Description	Short Description	Assortment	Color Reference	RGB Code	No Image	Picture	Attribute Value	
00	Mixed Colors	Mixed Colors	☒	—	—	☐	+	Mixed	
01	White	White	☐	—	—	☐	+	White	
02	No Color	No Color	☐	—	—	☐	+	No Color	
03	Snow	Snow	☐	—	—	☐	+	White	
04	No Pocket	No Pocket	☐	—	—	☐	+	No Pocket	
20	Royal Blue	Royal Blue	☐	—	—	☐		Blue	
21	Light Blue	LT Blue	☐	—	—	☐		Blue	
23	Ocean Blue	Ocean	☐	—	—	☐		Blue	
25	Navy	Navy	☐	—	—	☐		Blue	
27	Steelblue	Steelblue	☐	—	—	☐		Blue	
30	Yellow	Yellow	☐	—	—	☐		Yellow	
35	Orange	Orange	☐	—	—	☐		Red	
37	Dark Orange	Dk Orange	☐	—	—	☐		Red	
40	Brown	Brown	☐	—	—	☐		Brown	
50	Sand	Sand	☐	—	—	☐		Brown	
60	Forest Green	Forest	☐	—	—	☐		Green	
65	Lawn Green	Lawn	☐	—	—	☐		Green	
70	Red	Red	☐	—	—	☐		Red	
72	Fire Red	Fire Red	☐	—	—	☐		Red	
73	Pink	Pink	☐	—	—	☐		Red	
75	Magenta	Magenta	☐	—	—	☐		Red	
80	Purple	Purple	☐	—	—	☐		Blue	
90	Grey	Grey	☐	—	—	☐		Black	
92	Charcoal	Charcoal	☐	—	—	☐		Black	
99	Black	Black	☐	—	—	☐		Black	
AA	Black/White, 11	Blk/Whit	☒	—	—	☐	+		
BB	Black/Red, 11	Blk/Red	☒	—	—	☐	+		
CC	Blue/White, 11	Blu/Whit	☒	—	—	☐	+		
DD	Blue/Red, 11	Blu/Red	☒	—	—	☐	+		
EE	Black/White/Red, 121	Blk/Whit/Red	☒	—	—	☐	+		
FF	White 2	White2	☒	—	—	☐	+		
GG	White 5	White5	☒	—	—	☐	+		

CODE

The Code for this Assortment.

The number of digits of this Code must be the same as the number of digits of the Values of the related Colors VarDim Type and make sure that the Codes of the Assortments do not interfere with the Values you have used in the related Colors VarDim Type.

I.e., A1, A2, A3, A3 or AA, BB, CC, DD, EE, etc. if the regular Colors have numeric values.

DESCRIPTION

A Description for this Assortment.

Be aware that this Description will become part of **Description 2** of the special Assortment Items that can be created for a Master.

SHORT DESCRIPTION

A Short Description for this Assortment that might be used as name for the Columns in a Matrix based on the **Field Used in Matrix X-Axis Description** of the VarDim Type.

QUANTITY IN ASSORTMENT

Will be calculated by the System based on the total pieces/units that are in this Assortment.

NUMBER OF VARIANTS

In the Field **Number of Variants**, you can click the **three dots** to *Review or update the value for number of Variants*.

Assortments ✓ Saved

🔍
📄
+ New
Edit List
🗑️ Delete
Related ▾
Automate ▾
Fewer options
🔗
🔍
☰

	Code ↑	Description	Short Description	Quantity in Assortment	Bloc...	Number of Variants
	00	Mixed Colors	Mixed Colors	0	☐	0
→	AA	⋮ Black/White, 11	Blk/Wht	2	☐	2 ...
	BB	Black/Red, 11	Blk/Red	2	☐	2

In this page you need to **Mark** the Colors that are in the Assortment. Be aware that you do not choose the **Values** with a checkmark in **Assortment** that represent the Assortments itself.

Temporary VarDim Variants					
+ New Edit List Actions Related Fewer options					
Mark		Value T	Assortment	Blocked	Name
→	☐	00	☒	☐	Mixed Colors
	☒	01	☐	☐	White
	☐	02	☐	☐	No Color
	☐	03	☐	☐	Snow
	☐	04	☐	☐	No Pocket
	☐	20	☐	☐	Royal Blue
	☐	21	☐	☐	Light Blue
	☐	23	☐	☐	Ocean Blue
	☐	25	☐	☐	Navy
	☐	27	☐	☐	Steelblue
	☐	30	☐	☐	Yellow
	☐	35	☐	☐	Orange
	☐	37	☐	☐	Dark Orange
	☐	40	☐	☐	Brown
	☐	50	☐	☐	Sand
	☐	60	☐	☐	Forest Green
	☐	65	☐	☐	Lawn Green
	☐	70	☐	☐	Red
	☐	72	☐	☐	Fire Red
	☐	73	☐	☐	Pink
	☐	75	☐	☐	Magenta
	☐	80	☐	☐	Purple
	☐	90	☐	☐	Grey
	☐	92	☐	☐	Charcoal
	☒	99	☐	☐	Black
	☐	AA	☒	☐	Black/White, 11
	☐	BB	☒	☐	Black/Red, 11
	☐	CC	☒	☐	Blue/White, 11
	☐	DD	☒	☐	Blue/Red, 11
	☐	EE	☒	☐	Black/White/Red, 121

Press **Esc** to go back to the Assortments page. The **Number of Variants** is now based on the number of Colors that you marked.

Via **Related, Quantity in Matrix**, you can now enter the quantities per marked Color that you want to have in the Assortment.

In this page, you will see all the Colors but a “-” in the Colors that are not part of the Assortment.

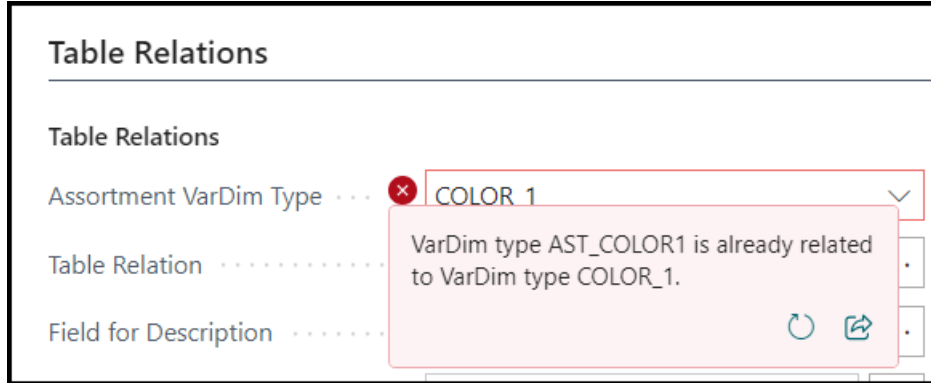
In the picture below: for Assortment *EE*, we chose the Colors *Black*, *White* and *Red*, so only for these Colors you can enter a Quantity in the Matrix.

It is quicker to create first the several Assortments and choose their Colors, and then afterwards go to ***Related, Quantity in Matrix***; then you can quicker enter all the quantities for the Colors that are applicable for all the **Variant 1** values.

NOTE

You can only create 1 VarDim Type for Assortments per Colors VarDim Type (Field **Assortment VarDim Type** in the Assortment VarDim Type).

The system will check if there is already a connection and will give an error message if you want to create two different VarDim Types of the **Type Code** with the same **Assortment VarDim Type**. I.e.,



Now you need to connect the Assortment Colors to the Master.

This can be done in two ways:

- Connecting to a Master via a special [Assortment Matrix](#).
- Connecting to a Master in a regular [Matrix](#).

NOTE

Regardless which method you choose, you need to make sure up front, that all the regular Colors that you have chosen in the Assortments are available for the Master as well.

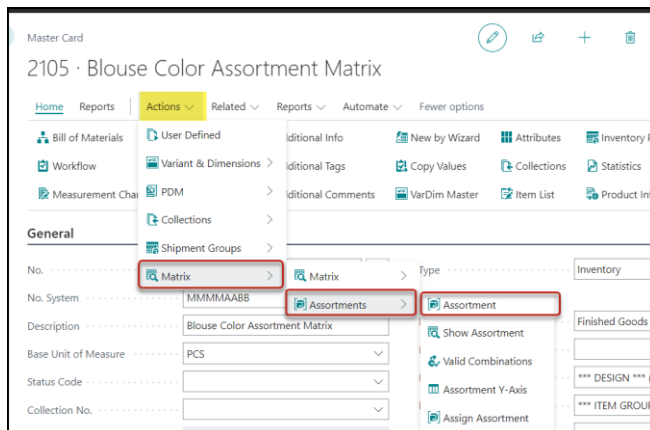
Therefore, based on the Assortments *AA* and *EE* shown in the picture on previous page, where you see Assortments with Colors *Black*, *White*, *Red*, it means, that the Master that could have Assortment *AA* and *EE*, should be able to have the Colors *Black*, *White*, *Red* as well.

That is done by clicking **Actions, Matrix, Matrix, Matrix** in the Master List/Card.

CONNECTING VIA A SPECIAL ASSORTMENT MATRIX

Once you created the Assortment Sizes as described in [Setup Assortments in a Separate VarDim Type](#), you can connect them to your Masters.

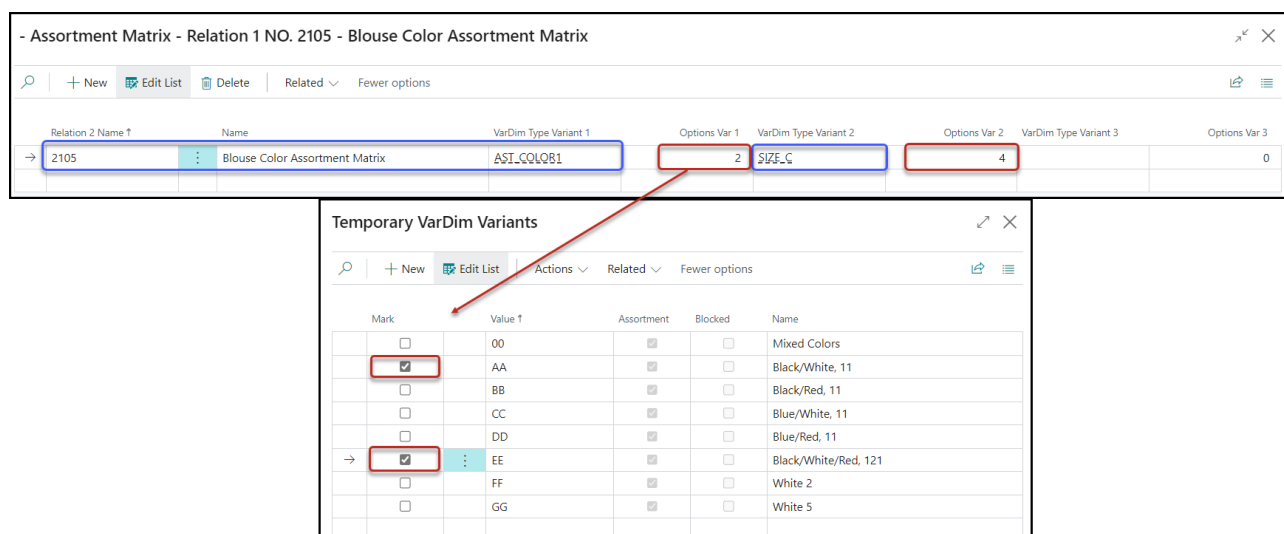
In the Master Card click **Actions, Matrix, Assortments, Assortment** to choose the applicable Assortments for the **Assortment Matrix** of the Master:



Pressing **<Enter>** on the first field **Relation 2 Name** makes sure that the Record is created automatically, and you can select the **Options Var1** (the Colors for which you want to use Assortments) and the **Options Var2** (the different Assortments – like AA - that are applicable).

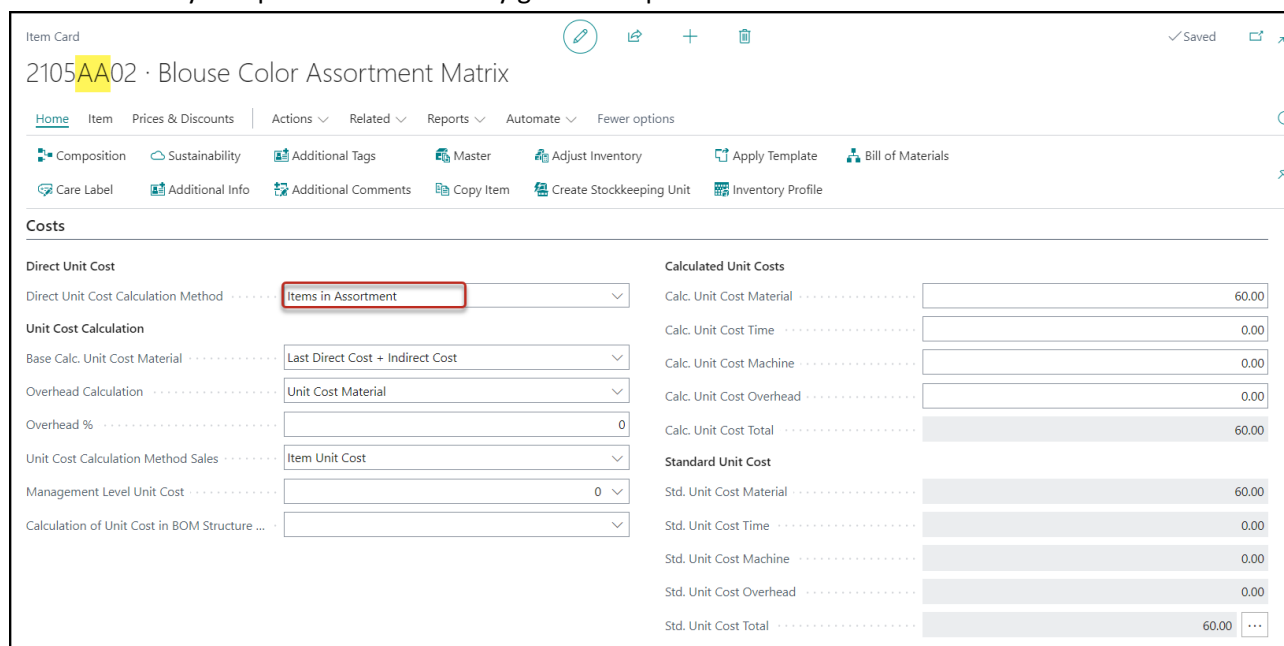
I.e., for **Master 2105**, the system will determine that for **COLOR_1** (Variant 1 in the VarDim Master), there is a **VarDim Type** of **Type Code** with the **Assortment VarDim Type COLOR_1**, so the **VarDim Type Variant 1** will not be filled with **COLOR_1** but with **AST_COLOR1**.

And the lookup on the **Options Var 1** will only show the Variants in the **VarDim Type AST_COLOR1** that you can Mark.

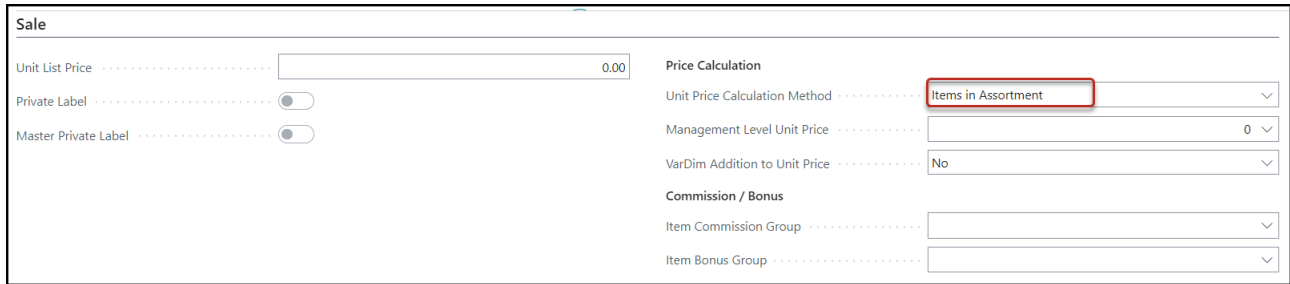


SPECIAL CONTENT OF FIELDS IN ASSORTMENT ITEMS

The Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will automatically get some specific content.



Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.



Unit Price Calculation Method will by default be filled with *Items in Assortment*.

In other words: The **Direct Unit Cost** and the **Unit Price** for the Assortment Items will simply be based on the sum of the Direct Unit Costs and Unit Prices of the underlying Items. Of course, this also influences the **Unit Cost** (based on the **Direct Unit Cost**) of the Assortment Items.

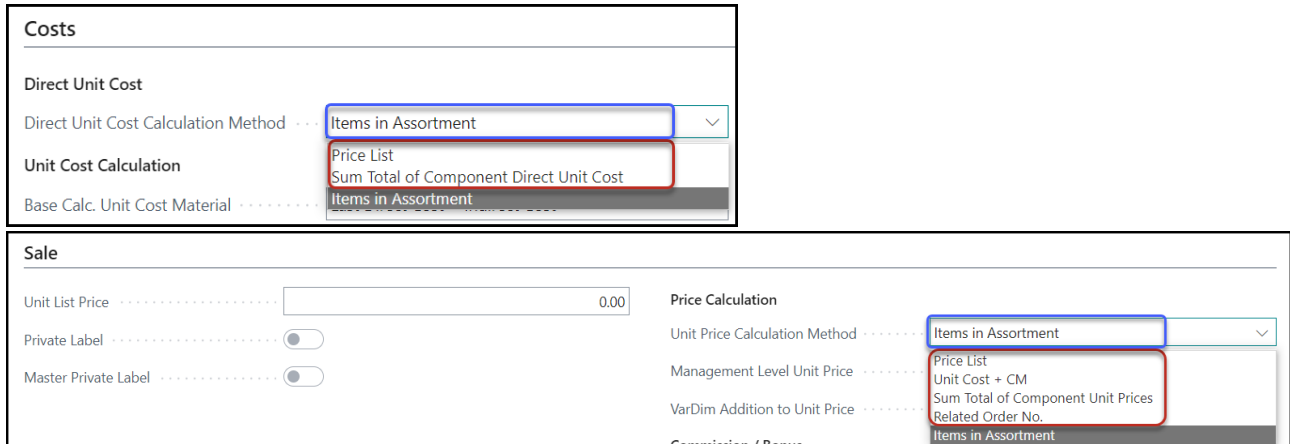
I.e., if an Item has a **Direct Unit Cost** of 30, and there are 2 pieces in an Assortment, the **Direct Unit Cost** for the Assortment becomes $30 \times 2 = 60$.

NOTE

Keep in mind that Masters (with Assortment Items) or specific Assortment Items cannot be connected to a Campaign (Price Group Parameters) if the **Type** is set to *Get 1 for free* or *Mix & Match* unless the Assortment Items have the **Unit Price Calculation Method** set to *Price List*.

See **White Paper – TRIMIT Price Group Parameters and Campaigns** for more details.

If this is not what you want, you need to change these two fields manually in the Item Cards.



In that case, you can enter the **Last Direct Cost** and (Calculated/Standard) **Unit Cost** on the Assortment Items manually.

And enter the Sales Prices specifically for these Assortment Items by using the **Search Expression** or **Formulas** in the Master Sales Prices, or by entering the Sales Prices related to the individual Assortment Items.

Be aware, that if you use the regular Color VarDim Type (i.e., *COLOR_1*) in the **Search Expression** of the Sales Prices or Purchase Prices for a Master, you will – by default – only see the regular Colors if you click **Search Table Lines**.

Item 2105

Sales Prices | Search Table Lines | Formula Lines | More options

General

Sales Type Filter: None | Item/Master No. Filter: 2105

Sales Code Filter: | Starting Date Filter: |

Item Type Filter: Master | Currency Code Filter: |

Sales Type ↑	Sales Code ↑	Item No. ↑	Unit of Measure Code ↑	Minimum Quantity ↑	Currency Code ↑	Unit Price	Dimension Prices	Starting Date ↑	Ending Date	Search Expression	Search Table	Use Search Table Result	Formula
→ All Customers		2105	PCS	0		30.00	0			COLOR_1		Default	

You need to enter the Assortment Colors manually to be able to enter the special **Unit Price** for the Assortments.

Search Table Lines

+ New | Edit List | Delete | Search Table Header | Maintain

Inactive	Not Valid	COLOR_1 ↑	Garment/Fabric Colors	Unit Price
→	☐	01	White	30.0
	☐	20	Royal Blue	30.0
	☐	70	Red	30.0
	☐	99	Black	30.0
	☐	AA	Black/White, 11	55.0
	☐	EE	Black/White/Red, 121	110.0

CONNECTING IN A REGULAR MATRIX

Once you created the Assortment Sizes as described in [Setup Assortments in a Separate VarDim Type](#), you can connect them to your Masters.

In the Master Card go to **Actions, Matrix, Matrix, Matrix**:

Master Card

2106 · Blouse Color Matrix

Home | Reports | Actions | Related | Reports | Automate | Fewer options

Bill of Materials | User Defined | Additional Info | New by Wizard | Attributes | Inventory Profile

Workflow | Variant & Dimensions > | Additional Tags | Copy Values | Collections | Statistics

Measurement Char | PDM > | Additional Comments | VarDim Master | Item List | Product Information

General

Collections >

Shipment Groups >

No. > Matrix > Matrix > Matrix > Inventory

No. System: MMMMAABB

Description: Blouse Color Matrix

Base Unit of Measure: PCS

Status Code: *** DESIGN *** (0)

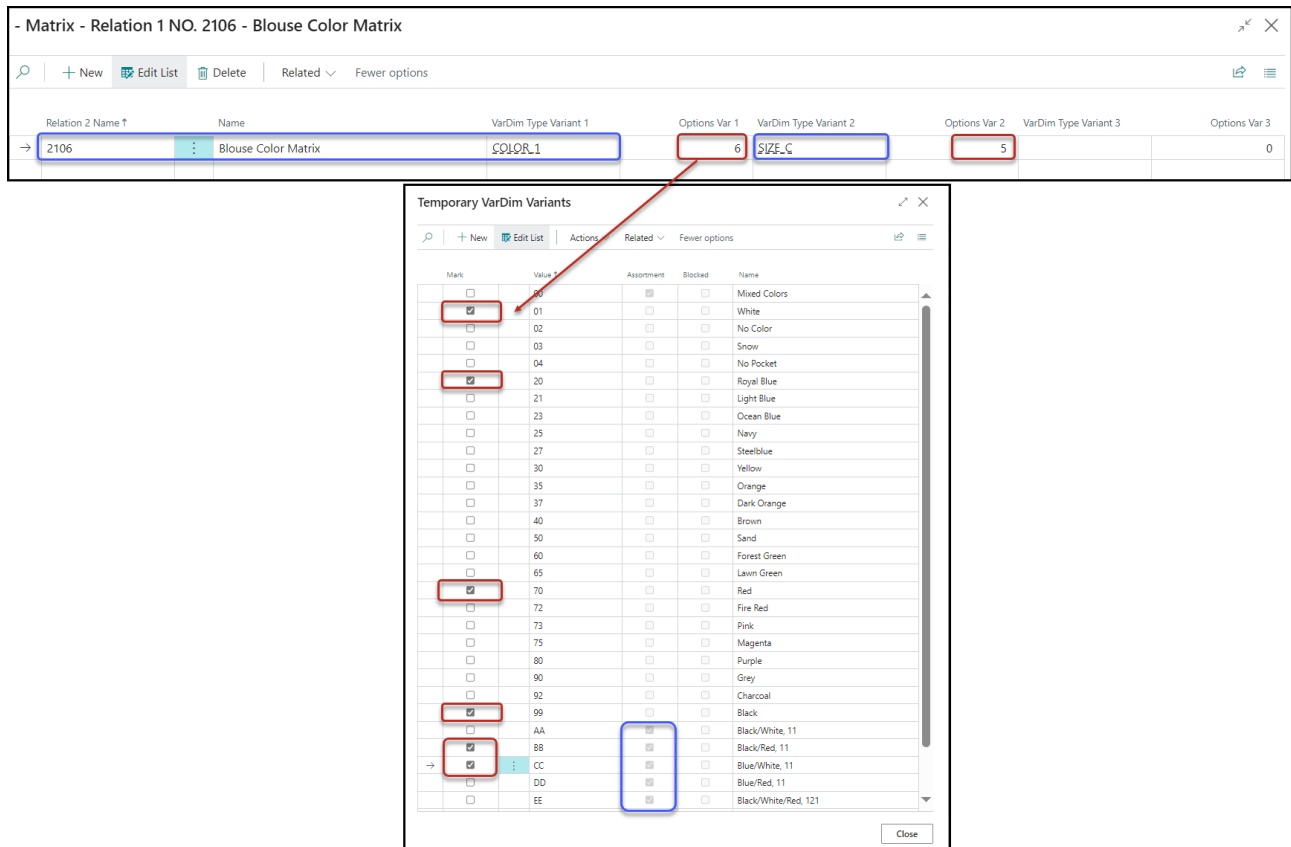
Assortments > Show Matrix

Valid Combinations

Matrix Y-Axis

Pressing **<Enter>** on the first field **Relation 2 Name** makes sure that the Record is created, and you can select the **Options Var1** (the regular Colors and the Assortment Colors) and the **Options Var2** (the regular Sizes).

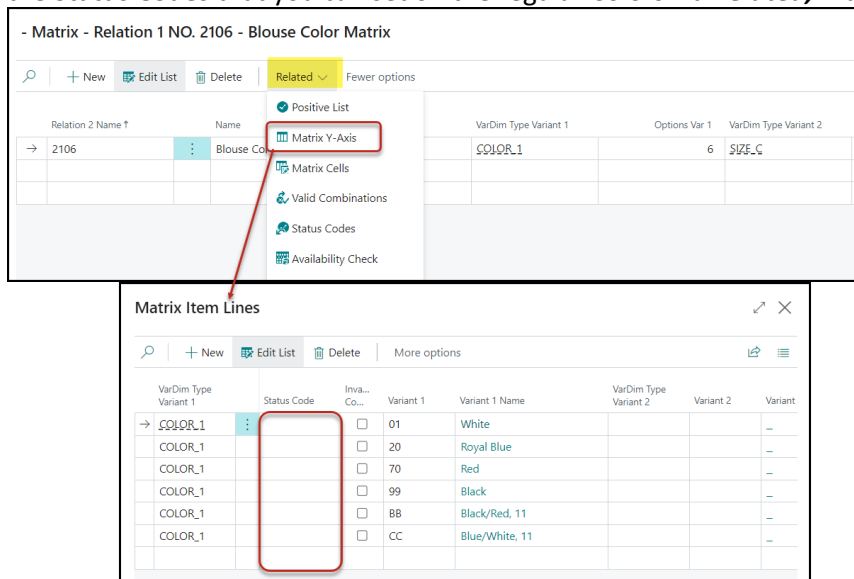
In this setup, the **VarDim Type Variant 1** remains the VarDim Type with *Variant 1* in the VarDim Master.



After you have marked the applicable Values (Colors and Assortment Colors and of course the Sizes), click **Close**.

To use the regular Colors in your Assortment Colors, you need to select the regular Colors (*Black, Red, Blue, White* if applicable) as well, so you are not able to choose only the Assortment Colors!
You need the regular Colors to determine the content of Items in an Assortment.

If it should not be possible to sell the regular Colors, but only the Assortment Colors, you can make use of the **Status Codes** that you can set on the regular Colors via **Related, Matrix Y-Axis**:

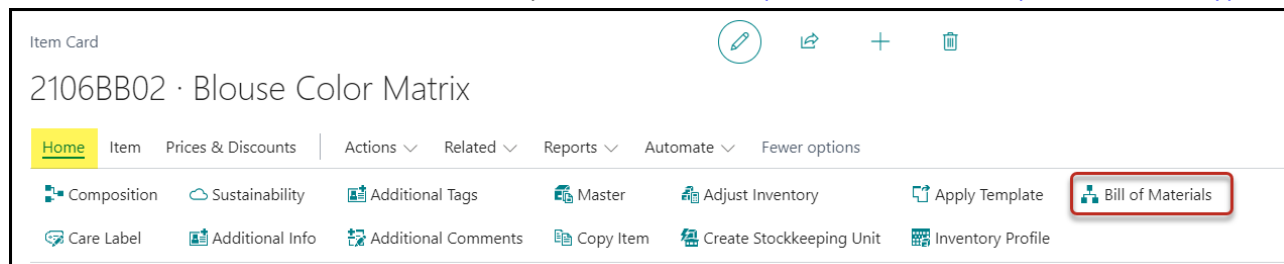


Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will automatically get some specific content.

See [Special content of Fields in Assortment Items.](#)

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The content of Assortment Items can be seen in the Bill of Materials of the Assortment Items (via **Home, Bill of Materials**) regardless, if the Assortment Item is part of an **Assortment Matrix** or a regular **Matrix**. This Bill of Materials is created automatically based on the [Setup Assortments in a separate VarDim Type](#):



Item Card

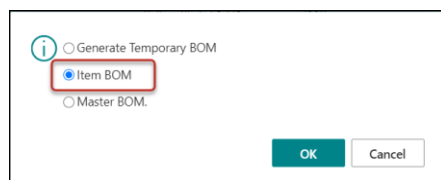
2106BB02 · Blouse Color Matrix

Home Item Prices & Discounts Actions Related Reports Automate Fewer options

Composition Sustainability Additional Tags Master Adjust Inventory Apply Template **Bill of Materials**

Care Label Additional Info Additional Comments Copy Item Create Stockkeeping Unit Inventory Profile

Matrix



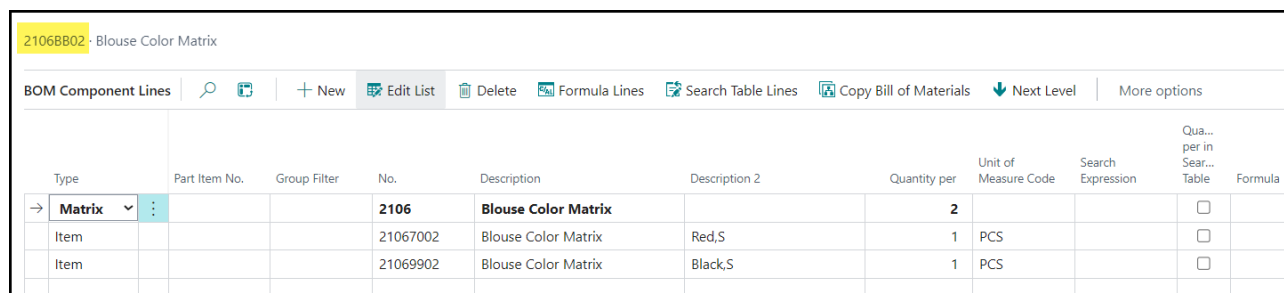
Generate Temporary BOM

Item BOM

Master BOM.

OK Cancel

Choose **Item BOM** and click **OK**.



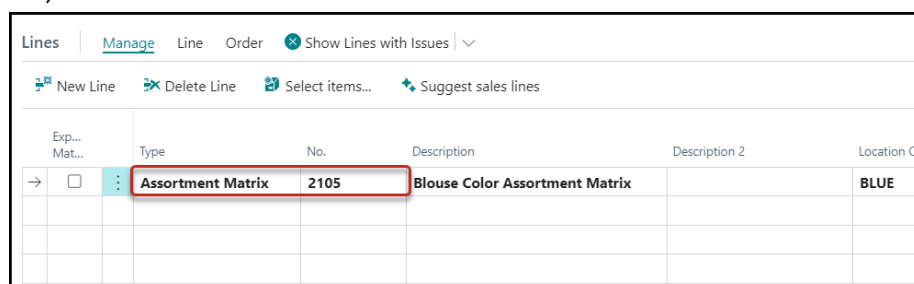
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula
→ Matrix			2106	Blouse Color Matrix		2			☐	
Item			21067002	Blouse Color Matrix	Red,S	1	PCS		☐	
Item			21069902	Blouse Color Matrix	Black,S	1	PCS		☐	

HOW TO USE THE ASSORTMENTS

BY USING AN ASSORTMENT MATRIX

In the Lines of a Sales Document, Purchase Document and Production Collecting Order you can choose (Line) **Type Assortment Matrix** to enter the quantities per Assortment/Size of a Master.

I.e., in the Sales Order:



Exp... Mat...	Type	No.	Description	Description 2	Location Co
→ ☐	Assortment Matrix	2105	Blouse Color Assortment Matrix		BLUE

You will only see the Color Assortments and the Sizes in the Matrix:

Sales Order 0100002 - No. 2105 - Blouse Color Assortment Matrix -							
Edit List Matrix Inventory Profile More options							
Variant 1	Variant Description	Line Quantity	S	M	L	XL	
AA	Black/White, 11	6	1 [0]	2 [0]	2 [0]	1 [0]	
EE	Black/White/Red, 121		[0]	[0]	[0]	[0]	

In the Sales Lines, you will see the special Assortment Colors:

Lines Manage Line Order Show Lines with Issues New Line Delete Line Select items... Suggest sales lines									
Expand Matrix	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Discount %
☒	Assortment Matrix	2105	Blouse Color Assortment Matrix		BLUE	6	PCS	60.00	
☐	Item	2105AA02	Blouse Color Assortment Matrix	Black/White, 11,S	BLUE	1	PCS	60.00	
☐	Item	2105AA03	Blouse Color Assortment Matrix	Black/White, 11,M	BLUE	2	PCS	60.00	
☐	Item	2105AA04	Blouse Color Assortment Matrix	Black/White, 11,L	BLUE	2	PCS	60.00	
☐	Item	2105AA05	Blouse Color Assortment Matrix	Black/White, 11,XL	BLUE	1	PCS	60.00	

In the Lines of an Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Assortment Matrix**, to enter the quantities per Color/Assortment of a Master.

I.e., in the Item Journal:

Item Journals Batch Name Manage Home Line Page More options									
Post Calculate Warehouse Adjustment... Print... Get Standard Journals... Recalculate Unit Amount Inventory Profile Explode BOM									
Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	New Location Code
Assortment Matrix	1/1/2024	☐	Positive Adjmt.	T00008	2105	Blouse Color Assortment Ma...		BLUE	

No. 2105 - Blouse Color Assortment Matrix -									
Edit List Matrix Inventory Profile More options									
Variant 1	Variant Description	Line Quantity	S	M	L	XL			
AA	Black/White, 11	30	10	5	5	10			
EE	Black/White/Red, 121								

Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Qty
Assortment Matrix	1/1/2024	☒	Positive Adjmt.	T00008	2105	Blouse Color Assortment Ma...		BLUE			
Item	1/1/2024	☐	Positive Adjmt.	T00008	2105AA02	Blouse Color Assortment Matrix	Black/White, 11,S	BLUE			
Item	1/1/2024	☐	Positive Adjmt.	T00008	2105AA03	Blouse Color Assortment Matrix	Black/White, 11,M	BLUE			
Item	1/1/2024	☐	Positive Adjmt.	T00008	2105AA04	Blouse Color Assortment Matrix	Black/White, 11,L	BLUE			
Item	1/1/2024	☐	Positive Adjmt.	T00008	2105AA05	Blouse Color Assortment Matrix	Black/White, 11,XL	BLUE			

In all these situations, you can see the content of the Assortment Items in the Matrix:

In the Cell of the Matrix regarding Assortments, you can enter an *M* or *m* to see the content of that specific Assortment. I.e., if you enter an *M* in the Matrix Cell of AA/S of the Sales line above, it will show:

-- No. 2105 - Blouse Color Assortment Matrix -									
Edit List Matrix Inventory Profile More options									
Variant 1	Variant Description		Line Quantity	S	M	L	XL	XXL	
→ 01	White		1	1					
20	Royal Blue								
70	Red								
99	Black		1	1					

It is also possible to see the **Item Bill of Materials** for these Assortment Sizes, by entering a *B* or *b*.

I.e., if you enter an *B* in the Matrix Cell of AA/S of the Sales line above, it will show:

BOM Component Lines - 2105AA02 - Blouse Color Assortment Matrix														
New Edit List Delete Formula Lines Search Table Lines Copy Bill of Materials Next Level More options														
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula	Work Center	Info... Item	Excl... from Tran... on Prod. Coll... Order	
→ Matrix			2105	Blouse Color Assortment Matrix		2			☐			☐	☐	
Item			21050102	Blouse Color Assortment Matrix	White.S	1	PCS		☐			☐	☐	
Item			21059902	Blouse Color Assortment Matrix	Black.S	1	PCS		☐			☐	☐	

BY USING A REGULAR MATRIX

Besides using the Assortments in a specific **Assortment Matrix** Line on your documents, you can also use Assortments as extra “Assortment Colors” in the regular Colors VarDim Type, and therefore in a regular **Matrix** Line on your documents.

The advantage of this setup is that when you open the Matrix in a Sales-/Purchase Document, Production Collecting Order, or the Item Journal, you will not only see the regular Colors, but also the Assortment Colors in the Lines. The **Type** of the Line in your documents/journals, however, will simply remain *Matrix*. The Assortment Colors can simply be used as a regular Color/Size in a Matrix.

In the Lines of a Sales Document, Purchase Document and Production Collecting Order you can choose **Type Matrix** to enter the quantities per Color/Size and/or Color Assortment/Size of a Master.

In the Lines of an Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Matrix**, to enter the quantities per Color/Size and/or Color Assortment/Size of a Master.

I.e., in the Matrix of a Sales Order:

- Sales Order 0100002 - No. 2106 - Blouse Color Matrix -									
Edit List Matrix Inventory Profile More options									
Variant 1	Variant Description		Line Quantity	S	M	L	XL	XXL	
→ 01	White			[0]	[0]	[0]	[0]	[0]	
20	Royal Blue			[0]	[0]	[0]	[0]	[0]	
70	Red			[0]	[0]	[0]	[0]	[0]	
99	Black			[0]	[0]	[0]	[0]	[0]	
BB	Black/Red, 11			[0]	[0]	[0]	[0]	[0]	
CC	Blue/White, 11			[0]	[0]	[0]	[0]	[0]	

In the Cell of the Matrix regarding Assortments, you can enter an *M* or *m* to see the content of that specific Assortment. I.e., if you enter an *M* in the Matrix Cell of *BB/M* it will show:

No. 2106 - Blouse Color Matrix -								
Edit List Matrix Inventory Profile More options								
Variant 1	Variant Description	Line Quantity	S	M	L	XL	XXL	
01	White							
20	Royal Blue							
70	Red	1		1				
99	Black	1		1				
BB	Black/Red, 11		-	-	-	-	-	
CC	Blue/White, 11		-	-	-	-	-	

It is also possible to see the **Item Bill of Materials** for these Assortment Sizes, by entering a *B* or *b*.

I.e., if you enter an *B* in the Matrix Cell of *BB/M* it will show:

BOM Component Lines - 2106BB03 - Blouse Color Matrix													
New Edit List Delete Formula Lines Search Table Lines Copy Bill of Materials Next Level More options													
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula	Work Center	Info... Item	Excl... from Tran... on Prod. Coll... Order
Matrix			2106	Blouse Color Matrix		2			☐			☐	☐
Item			21067003	Blouse Color Matrix	Red,M	1	PCS		☐			☐	☐
Item			21069903	Blouse Color Matrix	Black,M	1	PCS		☐			☐	☐

SETUP ASSORTMENTS IN A COLORS VARDIM TYPE

Only in case the Assortments are not setup by using the **Assortment Matrix**, but by using the regular **Matrix**, you are able to create the content of the Assortments manually for every Master itself, and not via the [Setup Assortments in a separate VarDim Type](#).

Without a special VarDim Type for Assortments, you are still able to add Assortment Colors in a regular Color VarDim Type, but in that case, for every Master, you need to specify what the content is for a specific Assortment.

This means, that Assortment Color **BB** could have a different content for Master 1 as for Master 2 although they might have the same VarDim Type for the Colors.

The disadvantage of this individual setup might be that you have to specify the content of every Assortment Color/ Size for every Master individually, but when using the [Setup Assortments in a separate VarDim Type](#), you only have to set it up once in the specific Assortment-VarDim Type.

For Color Assortments you are not able to use the **Matrix Distribution** functionality as described in [How to make use of the Matrix Distribution](#), because the **Matrix Distribution** can only be used for a distribution over the Sizes.

WHEN NOT USING SEPARATE CODE VARDIM TYPE

When you want to add Assortment Colors to a regular Colors VarDim Type, you can simply create extra Values (Variants) in the Colors VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment.

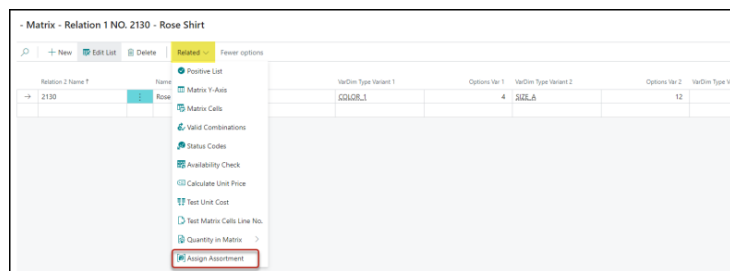
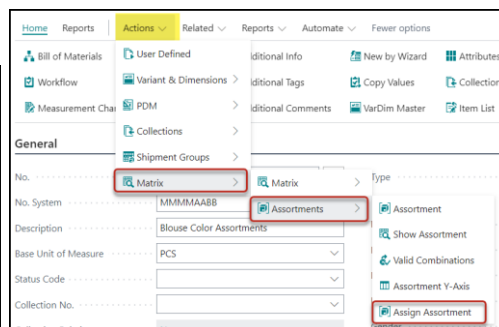
I.e.

VarDim Variant Option No. COLOR_A - 120								
🔍 + New Edit List ...								
Value ↑	Description	Short Description	Assortment	Color Reference	RGB Code	No Image	Picture	
→ 01	White	White	☐			☐	+	
20	Royal Blue	Blue	☐			☐	+	
70	Red	Red	☐			☐	+	
99	Black	Black	☐			☐	+	
AA	Black/White 11	Blk/Wht	☒			☐	+	
BB	Black/Red 11	Blk/Red	☒			☐	+	
CC	Blue/White 11	Blu/Wht	☒			☐	+	
DD	Blue/Red 11	Blu/Red	☒			☐	+	
EE	Black/White/Red 121	Blk/Wht/Red	☒			☐	+	
FF	White 2	White2	☒			☐	+	
GG	White 5	White5	☒			☐	+	

Now, the content of an actual Assortment is NOT setup via a separate VarDim Type with the **Assortment VarDim Type** filled, but via the Master to which you connect this specific Colors VarDim Type.

After you have chosen the Colors (including Assortment Colors), you still need to determine the content of the Assortments itself. In the **Matrix Relation** page, you need to click **Related, Assign Assortments**.

Or in the Master Card, click **Actions, Matrix, Assortments, Assign Assortments**.

Variant 1	Variant Description	Line Quantity	S	M	L	XL
01	White		-	-	-	-
20	Royal Blue		-	-	-	-
70	Red		-	-	-	-
99	Black		-	-	-	-
AA	Black/White 11		[2]	[2]	[2]	[2]
BB	Black/Red 11		[2]	[2]	[2]	[2]
CC	Blue/White 11		[0]	[0]	[0]	[0]
FF	White 2		[0]	[0]	[0]	[0]
GG	White 5		[0]	[0]	[0]	[0]

In every Matrix Cell of an Assortment Color, you need to enter an *M* or *m* to fill the actual content of the Assortment.

I.e., if you enter *M* in the Matrix Cell of *White/AA* and click **<Enter>** you can fill the quantities for the *AA/S*:

Variant 1	Variant Description	Line Quantity	S	M	L	XL
01	White	1	1			
20	Royal Blue					
70	Red					
99	Black	1	1			
AA	Black/White 11		-	-	-	-
BB	Black/Red 11		-	-	-	-
CC	Blue/White 11		-	-	-	-
FF	White 2		-	-	-	-
GG	White 5		-	-	-	-

This must be done for every Color/Size combination; so, based on the pictures above with 5 Assortment Colors and 4 Sizes: 20 times!

As you can see; the content of the Assortment/Size is related to the Master; not to a specific VarDim Type. Therefore, NOT using the [Setup Assortments in a Sizes VarDim Type](#) means that you have to determine the content of every Assortment/Size combination in every Master where you want to use these Assortment Colors.

Based on the selected Colors and Sizes via **Actions, Matrix, Matrix, Matrix** in the Master List/Card, the Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will get automatically some specific content, the same way as in [Setup Assortments in a separate VarDim Type](#):

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

The same way as in [Special content of Fields in Assortment Items](#).

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The content of Assortment Items can also be seen in the Bill of Materials of the Assortment Items in the Item Card (via **Home, Bill of Materials**):

Item Card

2106BB06 · Blouse Color Matrix

Home

Item

Prices & Discounts

Actions

Related

Reports

Automate

Fewer options

Composition

Sustainability

Additional Tags

Master

Adjust Inventory

Apply Template

Bill of Materials

Care Label

Additional Info

Additional Comments

Copy Item

Create Stockkeeping Unit

Inventory Profile

Generate Temporary BOM

Item BOM

Master BOM

OK

Cancel

Choose *Item BOM* and click **OK**.

2106BB06 · Blouse Color Matrix										
BOM Component Lines 🔍 📄 + New ✎ Edit List 🗑 Delete 📑 Formula Lines 🔍 Search Table Lines 📄 Copy Bill of Materials ⬇ Next Level ⋮ More options										
Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula
→ Matrix ▾ ⋮			2106	Blouse Color Matrix		2			☐	
Item			21067006	Blouse Color Matrix	Red,XXL	1	PCS		☐	
Item			21069906	Blouse Color Matrix	Black,XXL	1	PCS		☐	

MANY COLORS / MANY SIZES ASSORTMENT

The previous explained Assortments were all Assortments based on 1 Variant (the [Sizes](#) or the [Colors](#)). You can however also create Assortments based on a combination of several Colors and several Sizes from a Master.

This setup is comparable with the setup of the Assortments in a Size VarDim Type [When Not using Separate Code VarDim Type](#) and the Assortments in a Color VarDim Type [When Not using separate Code VarDim Type](#).

SETUP ASSORTMENTS IN A SIZES VARDIM TYPE

When you want to add Assortment Sizes to a regular Sizes VarDim Type, you can simply create extra Values (Variants) in the Sizes VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment. I.e.

VarDim Variant Option No. SIZE_A - 23					
Value ↑	Description	Short Description	Assortment	Hex Code	N
01	XS	XS	☐		
02	S	S	☐		
03	M	M	☐		
04	L	L	☐		
05	XL	XL	☐		
06	XXL	XXL	☐		
07	3XL	3XL	☐		
08	4XL	4XL	☐		
09	5XL	5XL	☐		
AA	S-XL 1221	AA	☒		
BB	S-XXL 1221	BB	☒		
CC	M-XXL 1221	CC	☒		
DD	M-3XL 1221	DD	☒		
EE	L-3XL 1221	EE	☒		
FF	L-4XL 1221	FF	☒		
GG	XL-4XL 1221	GG	☒		
HH	XL-5XL 1221	HH	☒		
II	XXL-5XL 1221	II	☒		
→ ZZ	⋮ M-XXL 1221 - mixed Colors	ZZ	☒		

SETUP ASSORTMENTS IN A COLORS VARDIM TYPE

When you want to add Assortment Colors to a regular Colors VarDim Type, you can simply create extra Values (Variants) in the Colors VarDim Type with a checkmark in the field **Assortment**.

Again, it is important that the **Description** of the **Value** tells you something regarding the content of the Assortment.

VarDim Variant Option No. COLOR_A - 120

Value ↑	Description	Short Description	Assortment	Color Reference	RGB Code	No Image	Picture
01	White	White	☐			☐	+
20	Royal Blue	Blue	☐			☐	+
70	Red	Red	☐			☐	+
99	Black	Black	☐			☐	+
AA	Black/White 11	Blk/Wht	☒			☐	+
BB	Black/Red 11	Blk/Red	☒			☐	+
CC	Blue/White 11	Blu/Wht	☒			☐	+
DD	Blue/Red 11	Blu/Red	☒			☐	+
EE	Black/White/Red 121	Blk/Wht/Red	☒			☐	+
FF	White 2	White2	☒			☐	+
GG	White 5	White5	☒			☐	+

Now, the content of an actual Assortment (for Colors and Sizes) is NOT setup via the VarDim Type, but via the Master to which you connect this specific Colors VarDim Type and Sizes VarDim Type.

HOW TO CONNECT COLOR AND SIZE ASSORTMENTS TO A MASTER

Once you created the Assortment Colors and Sizes, you can connect them to your Masters.

In the Master Card go to **Actions, Matrix, Matrix, Matrix**:

Pressing **<Enter>** on the first field **Relation 2 Name** makes sure that the line is created, and you can select the **Options Var1** (the different regular Colors and the Assortment Colors)

- Matrix - Relation 1 NO. 2109 - T-Shirt Assortment

Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant 3	Options Var 3
2109	T-Shirt Assortment	COLOR_A	6	SIZE_A	7		0

Temporary VarDim Variants

Mark	Value ↑	Assortment	Blocked	Name
☒	01	☐	☐	White
☐	20	☐	☐	Royal Blue
☒	70	☐	☐	Red
☒	99	☐	☐	Black
☐	AA	☒	☐	Black/White 11
☐	BB	☒	☐	Black/Red 11
☐	CC	☒	☐	Blue/White 11
☐	DD	☒	☐	Blue/Red 11
☒	EE	☒	☐	Black/White/Red 121
☐	FF	☒	☐	White 2
☒	GG	☒	☐	White 5

After you have marked the applicable Values (Colors and Assortment Colors), click **Close**.

To use the regular Colors in your Assortment Colors, you also need to select the regular Colors (01 – 99 if applicable) as well, so you are not able to choose only the Assortment Colors!

After you have selected the **Options Var1**, you need to select the **Options Var2** (the different regular Sizes and the Assortment Sizes).

- Matrix - Relation 1 NO. 2109 - T-Shirt Assortment

Relation 2 Name ↑	Name	VarDim Type Variant 1	Options Var 1	VarDim Type Variant 2	Options Var 2	VarDim Type Variant 3	Options Var 3
→ 2109	T-Shirt Assortment	COLOR-A	6	SIZE-A	7		0

Temporary VarDim Variants

Mark	Value ↑	Assortment	Blocked	Name
☐	01	☐	☐	XS
☒	02	☐	☐	S
☒	03	☐	☐	M
☒	04	☐	☐	L
☒	05	☐	☐	XL
☐	06	☐	☐	XXL
☐	07	☐	☐	3XL
☐	08	☐	☐	4XL
☐	09	☐	☐	5XL
☐	AA	☒	☐	XS-L / 1221
☐	BB	☒	☐	S-XXL / 12211
☒	CC	☒	☐	M-XXL / 1221
☐	DD	☒	☐	M-3XL 12211
☐	EE	☒	☐	L-3XL 1221
☐	FF	☒	☐	L-4XL 12211
☐	GG	☒	☐	XL-4XL 1221
☐	HH	☒	☐	XL-5XL 12211
☐	II	☒	☐	XXL-5XL 1221
☐	ZZ	☒	☐	M-XXL 1221 - 4 Colors

Now we still need to determine the content of the Assortments itself.

In the **Matrix Relation** page, you need to click **Related, Assign Assortments**.

Or in the Master Card, click **Actions, Matrix, Assortments, Assign Assortments**.

- Matrix - Relation 1 NO. 2109 - T-Shirt Assortment

Related

- Positive List
- Matrix Y-Axis
- Matrix Cells
- Valid Combinations
- Status Codes
- Availability Check
- Calculate Unit Price
- Test Unit Cost
- Test Matrix Cells Line No.
- Quantity in Matrix
- Assign Assortment**

Master Card

2109 · T-Shirt Assortment

Home Reports **Actions** Related Reports Automate Fewer options

Bill of Materials User Defined Additional Info New by Wizard Attributes

Workflow Variant & Dimensions Additional Tags Copy Values Collections

Measurement Chain PDM Additional Comments VarDim Master Item List

Collections

Shipment Groups

General

No. Matrix

No. System MMMMAABB

Description T-Shirt Assortment

Base Unit of Measure PCS

Status Code

Collection No.

Matrix

Assortments

Assortment

Show Assortment

Valid Combinations

Assortment Y-Axis

Assign Assortment

- Matrix Master - No. 2109 - T-Shirt Assortment -

Edit List Matrix Inventory Profile More options

Variant 1	Variant Description	Line Quantity	BB	CC	S	M	L	XL	XXL
01	White		[0]	[0]	-	-	-	-	-
70	Red		[0]	[0]	-	-	-	-	-
99	Black		[0]	[0]	-	-	-	-	-
AA	Black/White 11		[0]	[0]	[0]	[0]	[0]	[0]	[0]
EE	Black/White/Red 121		[0]	[0]	[0]	[0]	[0]	[0]	[0]
GG	White 5		[0]	[0]	[0]	[0]	[0]	[0]	[0]

In every Matrix Cell of one Color/Assortment Size (BB/CC), you need to enter an *M* or *m* to fill the actual content of the Assortment as we did before in [Setup Assortments in a Sizes VarDim Type](#).

In every Matrix Cell of an Assortment Color (AA/EE/GG)/Size, you need to enter an *M* or *m* to fill the actual content of the Assortment as we did before in [Setup Assortments in a Colors VarDim Type](#). But if you did create a VarDim Type with the **Assortment VarDim Type** filled with the right Color VarDim Type, it will be able to fill the Matrices for the Assortment Colors/Single Sizes Matrix Cells.

In every Matrix Cell of an Assortment Color (AA/EE/GG)/Assortment Size (BB/CC), you need to enter an *M* or *m* to fill the actual content of the Assortment as we did before.

I.e., if you enter *M* in the Matrix Cell of AA/BB and click **<Enter>** you can fill the quantities for the Colors and Sizes in that Assortment.

-- No. 2109 - T-Shirt Assortment -

Edit List Matrix Inventory Profile More options

Variant 1	Variant Description	Line Quantity	BB	CC	S	M	L	XL	XXL
01	White	7	-	-	1	2	2	1	1
70	Red		-	-					
99	Black	7	-	-	1	2	2	1	1
AA	Black/White 11		-	-	-	-	-	-	-
EE	Black/White/Red 121		-	-	-	-	-	-	-
GG	White 5		-	-	-	-	-	-	-

This must be done for every Color/Size combination that did not get automatically already the content.

As you can see; the content of these Multi Color/Multi Size Assortment is related to the Master; not to a specific VarDim Type.

Therefore, it means that you must determine the content of every Assortment combination in every Master where you want to use these Assortments.

Based on the selected Colors and Sizes via **Actions, Matrix, Matrix, Matrix** in the Master List/Card, the Items that might be created automatically – based on the parameter **Create All Matrix Related Items** in the Inventory setup – will automatically get some specific content, as we have seen before.

Direct Unit Cost Calculation Method will by default be filled with *Items in Assortment*.

Unit Price Calculation Method will by default be filled with *Items in Assortment*.

NOTE

Keep in mind that Masters (with Assortment Items) or specific Assortment Items cannot be connected to a Campaign (Price Group Parameters) if the **Type** is set to *Get 1 for free* or *Mix & Match* unless the Assortment Items have the **Unit Price Calculation Method** set to *Price List*.

See **White Paper – TRIMIT Price Group Parameters and Campaigns** for more details.

In other words: The **Direct Unit Cost** and the **Unit Price** for the Assortment Items will simply be based on the sum of the Direct Unit Costs and Unit Prices of the underlying Items. Of course, this also influences the **Unit Cost** (based on the **Direct Unit Cost**) of the Assortment Items.

I.e., if 1 Item has a **Direct Unit Cost** of 30, and there are 14 pieces in an Assortment, the **Direct Unit Cost** for the Assortment becomes $30 \times 14 = 420$.

If this is not what you want, you need to change these two fields manually in the Item Card.

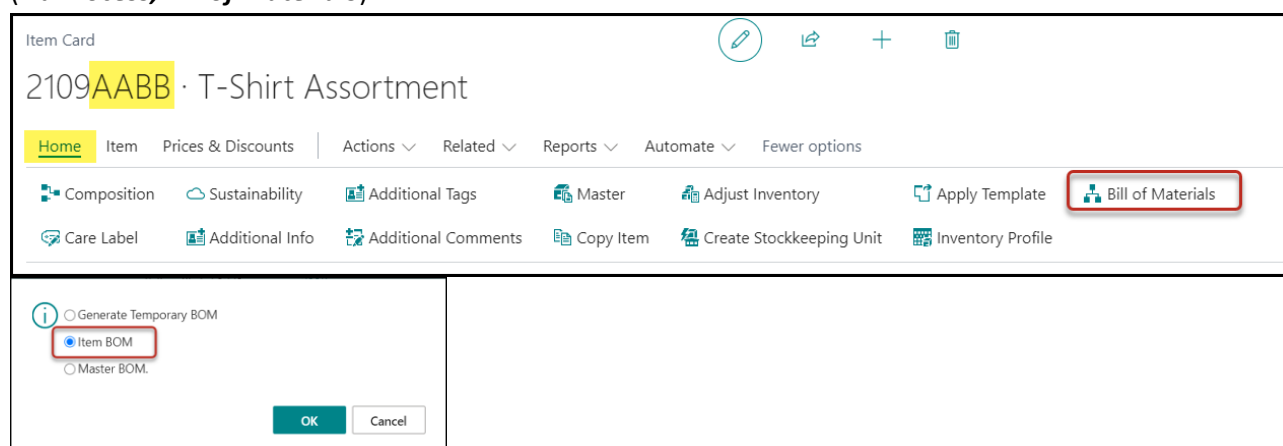
In that case, you can enter the **Last Direct Cost**, (Standard/Calculated) **Unit Cost** on the Assortment Items manually and make sure that you have entered the Sales Prices specifically for these Assortment Items by using the Search Expression or Formulas in the Master Sales Prices, or by entering the Sales Prices related to the individual Assortment Items as described before.

HOW TO MAKE USE OF THE MATRIX DISTRIBUTION

Also, for the Assortments of many Colors/many Sizes, you can use the **Matrix Distribution** for the quantities per Size as described in [How to make use of the Matrix Distribution](#).

HOW TO SEE THE CONTENT OF AN ASSORTMENT ITEM

The underlying Items of Assortment Items can also be seen in the Bill of Materials of the Assortment Items (via **Process, Bill of Materials**):



Item Card

2109AABB · T-Shirt Assortment

Home Item Prices & Discounts Actions Related Reports Automate Fewer options

Composition Sustainability Additional Tags Master Adjust Inventory Apply Template **Bill of Materials**

Care Label Additional Info Additional Comments Copy Item Create Stockkeeping Unit Inventory Profile

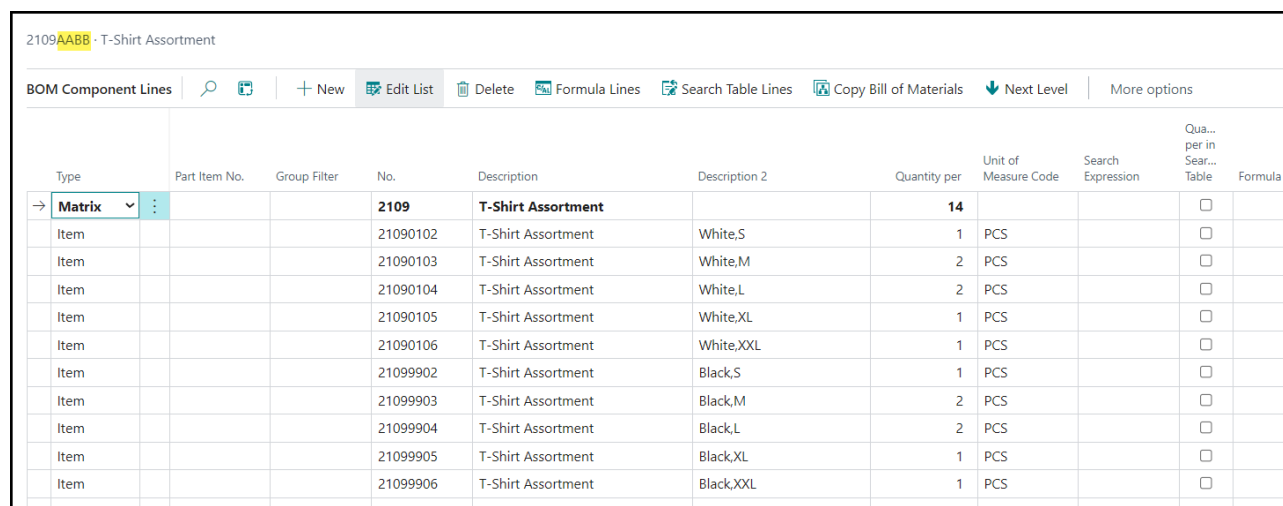
Generate Temporary BOM

Item BOM

Master BOM.

OK Cancel

Choose **Item BOM** and click **OK**.



2109AABB · T-Shirt Assortment

BOM Component Lines

+ New Edit List Delete Formula Lines Search Table Lines Copy Bill of Materials Next Level More options

Type	Part Item No.	Group Filter	No.	Description	Description 2	Quantity per	Unit of Measure Code	Search Expression	Qua... per in Sear... Table	Formula
→ Matrix			2109	T-Shirt Assortment		14			☐	
Item			21090102	T-Shirt Assortment	White,S	1	PCS		☐	
Item			21090103	T-Shirt Assortment	White,M	2	PCS		☐	
Item			21090104	T-Shirt Assortment	White,L	2	PCS		☐	
Item			21090105	T-Shirt Assortment	White,XL	1	PCS		☐	
Item			21090106	T-Shirt Assortment	White,XXL	1	PCS		☐	
Item			21099902	T-Shirt Assortment	Black,S	1	PCS		☐	
Item			21099903	T-Shirt Assortment	Black,M	2	PCS		☐	
Item			21099904	T-Shirt Assortment	Black,L	2	PCS		☐	
Item			21099905	T-Shirt Assortment	Black,XL	1	PCS		☐	
Item			21099906	T-Shirt Assortment	Black,XXL	1	PCS		☐	

HOW TO USE THESE ASSORTMENTS

These Assortments can simply be used as a regular Color/Size in a Matrix.

In the Lines of the Sales Document, Purchase Document and Production Collecting Order you can choose **Type Matrix** to enter the quantities per Color/Assortment of a Master.

In the Lines of the Item Journal, Reclassification Journal and Physical Inventory Journal you can choose **Matrix Type Matrix**, to enter the quantities per Color/Assortment of a Master.

I.e., in the Matrix of a Sales Order:

- Sales Order 0100002 - No. 2109 - T-Shirt Assortment -										
X This quantity for Item 2109AABB is available in week 27 at the earliest.										
Edit List Matrix Inventory Profile More options										
Variant 1	Variant Description	Line Quantity	BB	CC	S	M	L	XL	XXL	
01	White		-	-	[0]	[0]	[0]	[0]	[0]	
70	Red		-	-	[0]	[0]	[0]	[0]	[0]	
99	Black		-	-	[0]	[0]	[0]	[0]	[0]	
→ AA	Black/White 11	5	5 [0]	-	-	-	-	-	-	
EE	Black/White/Red 121		-	-	-	-	-	-	-	
GG	White 5		-	-	-	-	-	-	-	

Lines Manage <u>Line</u> <u>Order</u> Show Lines with Issues										
Functions Item Availability by Related Information Inventory Profile VarDim Related Order No.										
Expand Matrix	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Discr.	
☒	Matrix	2109	T-Shirt Assortment		BLUE	5	PCS	420.00		
☐	Item	2109AABB	T-Shirt Assortment	Black/White 11,S-XXL / 12211	BLUE	5	PCS	420.00		

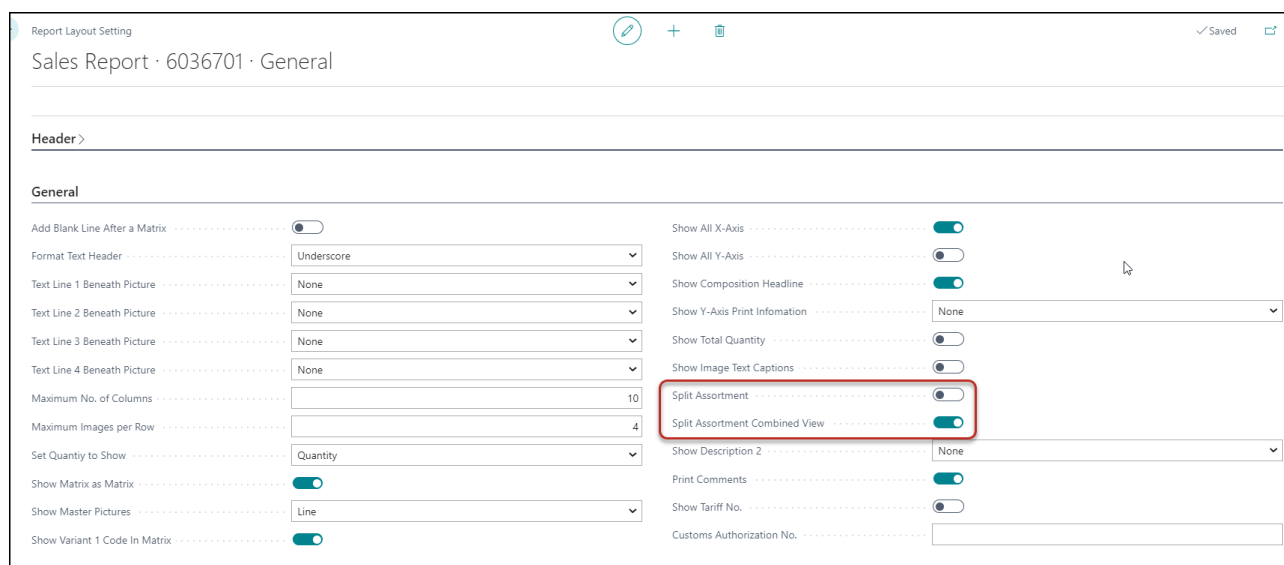
NOTE

You can only enter Quantities on the Matrix Cells of the single Color/single Size and for the combinations, for which you did fill the content of the Assortments.

PRINTING SALES-/PURCHASE DOCUMENT

Specifically, regarding Assortments used in Sales-/Purchase Lines, it is important to set the Assortment-related fields in the **Report Layout Settings** for the following TRIMIT Reports (or for the customized Reports based on these TRIMIT Reports):

6036700	trm Sales Quote
6036701	trm Sales Order
6036702	trm Sales Invoice
6036703	trm Sales Credit Memo
6036704	trm Sales Shipment
6036730	trm Purchase Order



Report Layout Setting

Sales Report · 6036701 · General

Header >

General

Add Blank Line After a Matrix: ☐

Format Text Header: Underscore

Text Line 1 Beneath Picture: None

Text Line 2 Beneath Picture: None

Text Line 3 Beneath Picture: None

Text Line 4 Beneath Picture: None

Maximum No. of Columns: 10

Maximum Images per Row: 4

Set Quantity to Show: Quantity

Show Matrix as Matrix: ☒

Show Master Pictures: Line

Show Variant 1 Code In Matrix: ☒

Show All X-Axis: ☒

Show All Y-Axis: ☒

Show Composition Headline: ☒

Show Y-Axis Print Information: None

Show Total Quantity: ☒

Show Image Text Captions: ☒

Split Assortment: No

Split Assortment Combined View: Yes

Show Description 2: None

Print Comments: ☒

Show Tariff No.: ☐

Customs Authorization No.:

SPLIT ASSORTMENT

This field and **Split Assortment Combined View** determine how the information of an **Assortment Matrix** line or a **Matrix** line with single Sizes and Assortments will be printed.
Default is *No*.

SPLIT ASSORTMENT COMBINED VIEW

This field and **Split Assortment** determine how the information of an **Assortment Matrix** line will be printed or a **Matrix** line with single Sizes and Assortments will be printed.
Default is *Yes*.

I.e.: 2110 is a Master with an Assortment Matrix for single Color/Assortment Sizes and 2130 is a Master with a Matrix for single Color/Sizes and single Color/Assortment Sizes.

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	10	79,00	255,936	2.559,36
 No / No					
	AA BB CC GG HH				
30 Yellow	1 2		592,50		
60 Forest Green		2 1	625,42		
70 Red			691,25		
73 Pink		1 3	592,50		
2130	Rose Shirt	26	10,00	15,69231	408,00
					
	XS S M L XL XXL 3XL AA BB				
01 White		1 2 3	25,56		
99 Black		2 3 3 3	26,47		
	L2 CC DD EE				
01 White	L2				
99 Black	L2 2 1				

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	64	79,00	39,99	2.559,36
 Yes / No					
	XS S M L XL XXL 3XL				
30 Yellow	1 4 6 5 2	70,22			
60 Forest Green	1 2 4 5 5 2	0,00			
70 Red	3 6 6 3 3	0,00			
73 Pink	1 2 2 1	0,00			
2130	Rose Shirt	77	10,00	5,2987	408,00
					
	XS S M L XL XXL 3XL				
01 White	4 8 9 3 2	8,08			
99 Black	5 12 15 12 6 1	8,63			

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	64	79,00	39,99	2.559,36
 No / Yes					
	XS S M L XL XXL 3XL				
30 Yellow	1 4 6 5 2		70,22		
60 Forest Green	1 2 4 5 5 2		0,00		
70 Red	3 6 6 3 3		0,00		
73 Pink	1 2 2 1		0,00		
2130	Rose Shirt	77	10,00	5,2987	408,00
					
	XS S M L XL XXL 3XL AA BB				
01 White	4 [3] 8 [6] 9 [6] 3 [3] 2 [2] 1* 2*		8,08		
99 Black	5 [3] 12 [9] 15 [12] 12 [9] 6 [6] 1 [1] 3*		8,63		
	L2 CC DD EE				
01 White	L2				
99 Black	L2 2* 1*				

No.	Description	Quantity	List Price	Unit Price	Amount
2110	Mia Blouse	64	79,00	39,99	2.559,36
 Yes / Yes					
	XS S M L XL XXL 3XL				
30 Yellow	1 4 6 5 2		70,22		
60 Forest Green	1 2 4 5 5 2		0,00		
70 Red	3 6 6 3 3		0,00		
73 Pink	1 2 2 1		0,00		
2130	Rose Shirt	77	10,00	5,2987	408,00
					
	XS S M L XL XXL 3XL AA BB				
01 White	4 [3] 8 [6] 9 [6] 3 [3] 2 [2] 1* 2*		8,08		
99 Black	5 [3] 12 [9] 15 [12] 12 [9] 6 [6] 1 [1] 3*		8,63		
	L2 CC DD EE				
01 White	L2				
99 Black	L2 2* 1*				

I.e.: 2105 is a Master with an Assortment Matrix for Assortment Colors/Sizes and 2106 is a Master with a Matrix for Colors/Sizes and Assortment Color/Sizes.

No.	Description	Quantity	RRP	Unit Price	Amount										
2105	Blouse Color Assortment Matrix	6		60.00	360.00										
 NO / NO															
AA Black/White,	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td></tr><tr><td>1</td><td>2</td><td>2</td><td>1</td></tr></table>	S	M	L	XL	1	2	2	1	6		60.00	360.00		
S	M	L	XL												
1	2	2	1												
2106	Blouse Color Matrix	22		60.00	1,320.00										
															
BB Black/Red, 11	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>2</td><td>3</td><td>3</td><td>2</td><td>2</td></tr></table>	S	M	L	XL	XXL	2	3	3	2	2	12		60.00	720.00
S	M	L	XL	XXL											
2	3	3	2	2											
CC Blue/White, 11	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>1</td><td>2</td><td>3</td><td>3</td><td>1</td></tr></table>	S	M	L	XL	XXL	1	2	3	3	1	10		60.00	600.00
S	M	L	XL	XXL											
1	2	3	3	1											
Total					1,680.00										
25 % VAT					420.00										
Total Incl. VAT					2,100.00										

No.	Description	Quantity	RRP	Unit Price	Amount										
2105	Blouse Color Assortment Matrix	12		30.00	360.00										
 NO / YES															
	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>1</td><td>2</td><td>2</td><td>1</td><td></td></tr></table>	S	M	L	XL	XXL	1	2	2	1		6		30.00	180.00
S	M	L	XL	XXL											
1	2	2	1												
01 White															
99 Black	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>1</td><td>2</td><td>2</td><td>1</td><td></td></tr></table>	S	M	L	XL	XXL	1	2	2	1		6		30.00	180.00
S	M	L	XL	XXL											
1	2	2	1												
2106	Blouse Color Matrix	44		30.00	1,320.00										
															
	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>1 [1]</td><td>2 [2]</td><td>3 [3]</td><td>3 [3]</td><td>1 [1]</td></tr></table>	S	M	L	XL	XXL	1 [1]	2 [2]	3 [3]	3 [3]	1 [1]	10		30.00	300.00
S	M	L	XL	XXL											
1 [1]	2 [2]	3 [3]	3 [3]	1 [1]											
01 White															
20 Royal Blue	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>1 [1]</td><td>2 [2]</td><td>3 [3]</td><td>3 [3]</td><td>1 [1]</td></tr></table>	S	M	L	XL	XXL	1 [1]	2 [2]	3 [3]	3 [3]	1 [1]	10		30.00	300.00
S	M	L	XL	XXL											
1 [1]	2 [2]	3 [3]	3 [3]	1 [1]											
70 Red	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>2 [2]</td><td>3 [3]</td><td>3 [3]</td><td>2 [2]</td><td>2 [2]</td></tr></table>	S	M	L	XL	XXL	2 [2]	3 [3]	3 [3]	2 [2]	2 [2]	12		30.00	360.00
S	M	L	XL	XXL											
2 [2]	3 [3]	3 [3]	2 [2]	2 [2]											
99 Black	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>2 [2]</td><td>3 [3]</td><td>3 [3]</td><td>2 [2]</td><td>2 [2]</td></tr></table>	S	M	L	XL	XXL	2 [2]	3 [3]	3 [3]	2 [2]	2 [2]	12		30.00	360.00
S	M	L	XL	XXL											
2 [2]	3 [3]	3 [3]	2 [2]	2 [2]											
BB Black/Red, 11	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>2*</td><td>3*</td><td>3*</td><td>2*</td><td>2*</td></tr></table>	S	M	L	XL	XXL	2*	3*	3*	2*	2*	0			
S	M	L	XL	XXL											
2*	3*	3*	2*	2*											
CC Blue/White, 11	<table><tr><td>S</td><td>M</td><td>L</td><td>XL</td><td>XXL</td></tr><tr><td>1*</td><td>2*</td><td>3*</td><td>3*</td><td>1*</td></tr></table>	S	M	L	XL	XXL	1*	2*	3*	3*	1*	0			
S	M	L	XL	XXL											
1*	2*	3*	3*	1*											
Total					1,680.00										
25 % VAT					420.00										
Total Incl. VAT					2,100.00										

No.	Description	Quantity	RRP	Unit Price	Amount
2105	Blouse Color Assortment Matrix	12		30.00	360.00
 YES / YES					
	S M L XL XXL				
01 White	1 2 2 1	6		30.00	180.00
99 Black	1 2 2 1	6		30.00	180.00
2106	Blouse Color Matrix	44		30.00	1,320.00
					
	S M L XL XXL				
01 White	1 [1] 2 [2] 3 [3] 3 [3] 1 [1]	10		30.00	300.00
20 Royal Blue	1 [1] 2 [2] 3 [3] 3 [3] 1 [1]	10		30.00	300.00
70 Red	2 [2] 3 [3] 3 [3] 2 [2] 2 [2]	12		30.00	360.00
99 Black	2 [2] 3 [3] 3 [3] 2 [2] 2 [2]	12		30.00	360.00
BB Black/Red, 11	2* 3* 3* 2* 2*	0			
CC Blue/White, 11	1* 2* 3* 3* 1*	0			
Total					1,680.00
25 % VAT					420.00
Total Incl. VAT					2,100.00

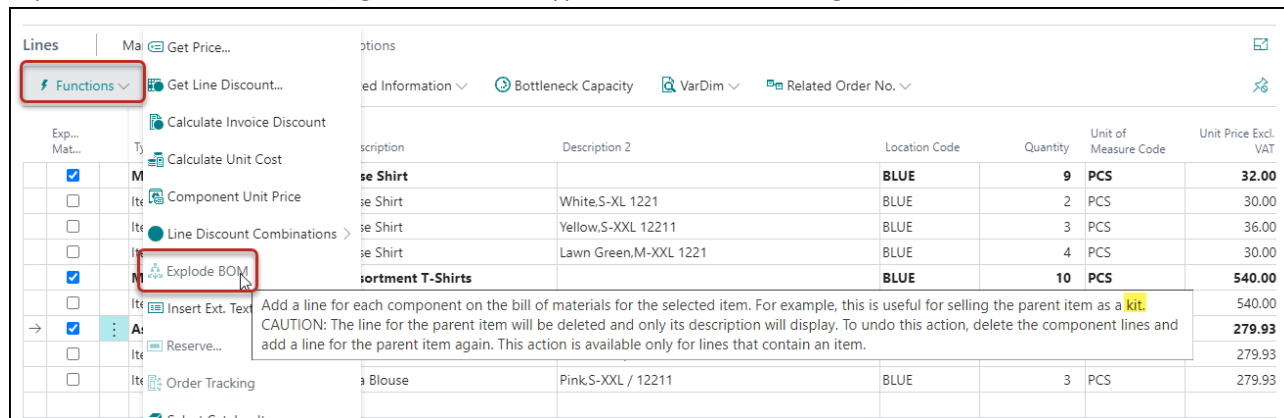
NOTE

For the other fields in the **Report Layout Settings**, see the **White Paper – TRIMIT Reports**.

EXPLODING ASSORTMENT

IN SALES-/PURCHASE-/TRANSFER ORDERS

In a Sales Order you can use **Explode BOM** (via **Line, Functions, Explode BOM**) on an Item Line that represents an Assortment (regardless which type of Assortment it might be).

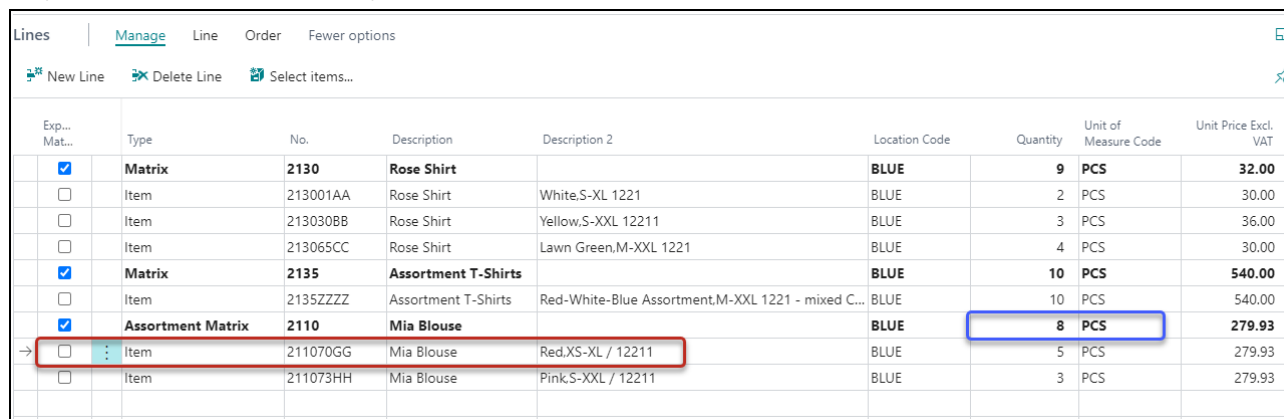


Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT
Rose Shirt		BLUE	9	PCS	32.00
Rose Shirt	White,S-XL 1221	BLUE	2	PCS	30.00
Rose Shirt	Yellow,S-XXL 12211	BLUE	3	PCS	36.00
Rose Shirt	Lawn Green,M-XXL 1221	BLUE	4	PCS	30.00
Assortment T-Shirts		BLUE	10	PCS	540.00
Mia Blouse	Pink,S-XXL / 12211	BLUE	3	PCS	279.93

NOTE

Kit = Business Central functionality comparable to the TRIMIT Assortment.
But we will always advise to use the TRIMIT Assortments.

I.e., this Item Line with a Color/Assortment Size:



Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT
Matrix	2130	Rose Shirt		BLUE	9	PCS	32.00
Item	213001AA	Rose Shirt	White,S-XL 1221	BLUE	2	PCS	30.00
Item	213030BB	Rose Shirt	Yellow,S-XXL 12211	BLUE	3	PCS	36.00
Item	213065CC	Rose Shirt	Lawn Green,M-XXL 1221	BLUE	4	PCS	30.00
Matrix	2135	Assortment T-Shirts		BLUE	10	PCS	540.00
Item	2135ZZZZ	Assortment T-Shirts	Red-White-Blue Assortment,M-XXL 1221 - mixed C...	BLUE	10	PCS	540.00
Assortment Matrix	2110	Mia Blouse		BLUE	8	PCS	279.93
Item	211070GG	Mia Blouse	Red,XS-XL / 12211	BLUE	5	PCS	279.93
Item	211073HH	Mia Blouse	Pink,S-XXL / 12211	BLUE	3	PCS	279.93

Will then explode after confirming following message:



Explode the BOM?

Yes No

Into:

Lines Manage <u>Line</u> Order Fewer options									
Functions Item Availability by Related Information Bottleneck Capacity VarDim Related Order No.									
Exp... Mat...	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	
☒	Matrix	2130	Rose Shirt		BLUE	9	PCS	32.00	
☐	Item	213001AA	Rose Shirt	White,S-XL 1221	BLUE	2	PCS	30.00	
☐	Item	213030BB	Rose Shirt	Yellow,S-XXL 12211	BLUE	3	PCS	36.00	
☐	Item	213065CC	Rose Shirt	Lawn Green,M-XXL 1221	BLUE	4	PCS	30.00	
☒	Matrix	2135	Assortment T-Shirts		BLUE	10	PCS	540.00	
☐	Item	2135ZZZZ	Assortment T-Shirts	Red-White-Blue Assortment,M-XXL 1221 - mixed C...	BLUE	10	PCS	540.00	
☒	Assortment Matrix	2110	Mia Blouse		BLUE	3	PCS	279.93	
☐	Item	211073HH	Mia Blouse	Pink,S-XXL / 12211	BLUE	3	PCS	279.93	
☐	Item	21107001	Mia Blouse	Red,XS	BLUE	5	PCS	39.99	
☐	Item	21107002	Mia Blouse	Red,S	BLUE	10	PCS	39.99	
☐	Item	21107003	Mia Blouse	Red,M	BLUE	10	PCS	39.99	
☐	Item	21107004	Mia Blouse	Red,L	BLUE	5	PCS	39.99	
☐	Item	21107005	Mia Blouse	Red,XL	BLUE	5	PCS	39.99	

I.e., this Item Line with an Assortment Color/Size:

Lines Manage <u>Line</u> Order Show Lines with Issues									
Functions Item Availability by Related Information Inventory Profile VarDim Related Order No.									
Expand Matrix	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Amount Excl. VAT
☒	Assortment Matrix	2105	Blouse Color Assortment Matrix		BLUE	5	PCS	60.00	300.00
☐	Item	2105AA03	Blouse Color Assortment Matrix	Black/White, 11,M	BLUE	2	PCS	60.00	120.00
☐	Item	2105AA04	Blouse Color Assortment Matrix	Black/White, 11,L	BLUE	2	PCS	60.00	120.00
☐	Item	2105AA05	Blouse Color Assortment Matrix	Black/White, 11,XL	BLUE	1	PCS	60.00	60.00
☐	Matrix	2106	Blouse Color Matrix		BLUE	22	PCS	60.00	1,320.00

Will explode to:

Lines Manage <u>Line</u> Order Show Lines with Issues									
Functions Item Availability by Related Information Inventory Profile VarDim Related Order No.									
Expand Matrix	Type	No.	Description	Description 2	Location Code	Quantity	Unit of Measure Code	Unit Price Excl. VAT	Line Amount Excl. VAT
☒	Assortment Matrix	2105	Blouse Color Assortment Matrix		BLUE	3	PCS	60.00	180.00
☐	Item	2105AA04	Blouse Color Assortment Matrix	Black/White, 11,L	BLUE	2	PCS	60.00	120.00
☐	Item	2105AA05	Blouse Color Assortment Matrix	Black/White, 11,XL	BLUE	1	PCS	60.00	60.00
☐	Matrix	2106	Blouse Color Matrix		BLUE	22	PCS	60.00	1,320.00
☐	Item	21050103	Blouse Color Assortment Matrix	White,M	BLUE	2	PCS	30.00	60.00
☐	Item	21059903	Blouse Color Assortment Matrix	Black,M	BLUE	2	PCS	30.00	60.00

After the **Explode BOM** function, you lose the fact that the customer bought an Assortment, but only see the underlying Items (and simply as Item Lines – not as part of a Matrix!!), and the **Unit Price Excl. VAT** will be determined again based on the Sales Prices of the individual Items!

Therefore, if you have a special Assortment Price which is not the sum of the individual Sales Prices of the Items it contents, you need to change the **Unit Price Excl. VAT** on the new created Item Lines manually. The **Quantity** of the original (Assortment) Matrix will also be corrected.

The new Item Lines will always be added at the end of all the Sales Lines.

This function is also available in other Sales-/Purchase Documents and Transfer Orders via **Line, Functions, Explode BOM** or **Functions, Explode BOM**.

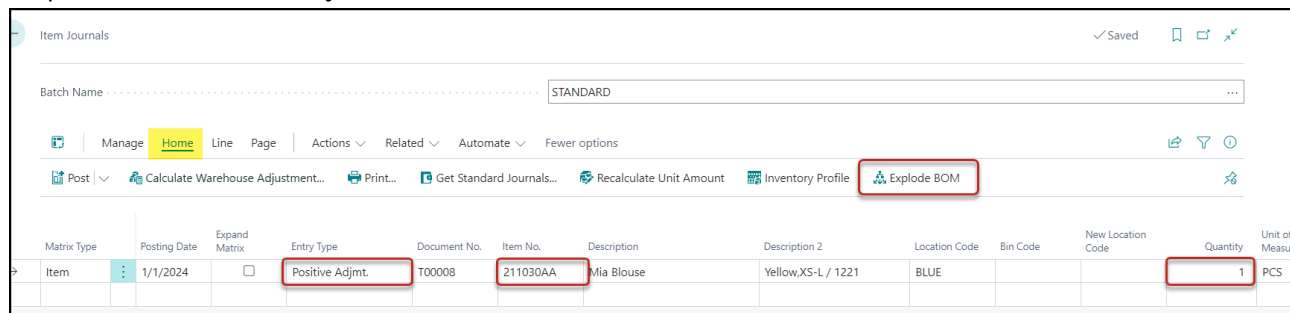
IN ITEM-/PHYSICAL INVENTORY JOURNAL

In case you want to explode an Assortment-Item into its regular Items, you can use the **Item Journal**. But now you have two possibilities.

EXPLODE AN ASSORTMENT

Instead of an Assortment Item, you want to post the individual Items, and therefore want to explode the BOM of the Assortment. I.e.:

Step 1: enter a **Positive Adjustment** for the Assortment Item.



The screenshot shows the 'Item Journals' window with the 'Batch Name' set to 'STANDARD'. The 'Entry Type' is 'Positive Adjmt.' and the 'Item No.' is '211030AA'. The 'Quantity' is '1' and the 'Unit of Measure' is 'PCS'. The 'Explosion BOM' button is highlighted with a red box.

Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Quantity	Unit of Measure
Item	1/1/2024	☐	Positive Adjmt.	T00008	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE			1	PCS

Step 2: click **Home, Explode BOM**

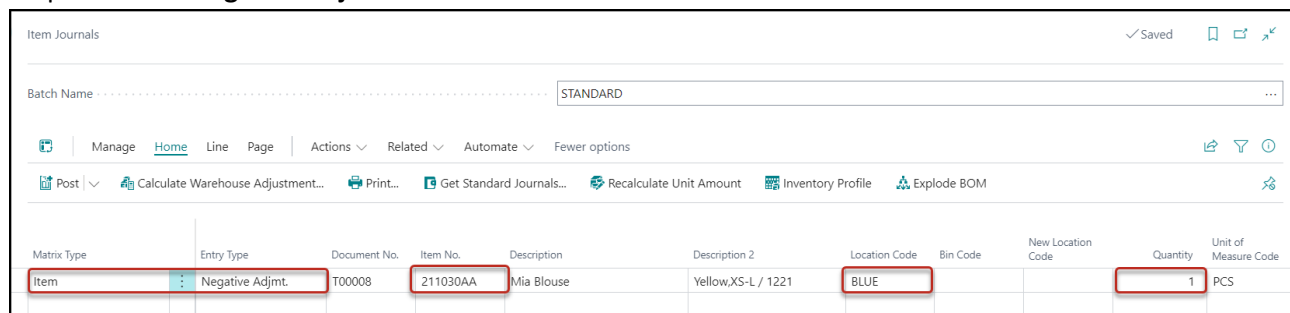
Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Quantity	Unit of Measure
Item	1/1/2024	☐	Purchase	*		Mia Blouse					0	
Item	1/1/2024	☐	Positive Adjmt.	T00008	21103001	Mia Blouse	Yellow,XS	BLUE			1	PCS
Item	1/1/2024	☐	Positive Adjmt.	T00008	21103002	Mia Blouse	Yellow,S	BLUE			2	PCS
Item	1/1/2024	☐	Positive Adjmt.	T00008	21103003	Mia Blouse	Yellow,M	BLUE			2	PCS
Item	1/1/2024	☐	Positive Adjmt.	T00008	21103004	Mia Blouse	Yellow,L	BLUE			1	PCS

The original Item Line with the Assortment Item will be deleted and replaced by the Item Lines of the individual Items of the Assortment Item.

UNPACK AN ASSORTMENT

You want to unpack an Assortment Item to its individual Items is also a possibility in the Item Journal: posting a Negative Adjustment for the Assortment Item and Positive Adjustments for the individual Items of the Assortment Item.

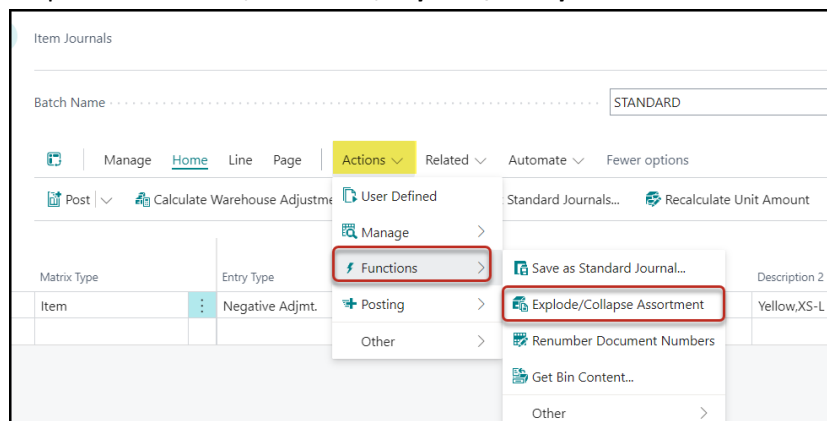
Step 1: enter a **Negative Adjustment** for the Assortment-Item.



The screenshot shows the 'Item Journals' window with the 'Batch Name' set to 'STANDARD'. The 'Entry Type' is 'Negative Adjmt.' and the 'Item No.' is '211030AA'. The 'Quantity' is '1' and the 'Unit of Measure' is 'PCS'. The 'Location Code' is 'BLUE'.

Matrix Type	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Quantity	Unit of Measure
Item	Negative Adjmt.	T00008	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE			1	PCS

Step 2: click **Actions, Functions, Explode/Collapse Assortment**

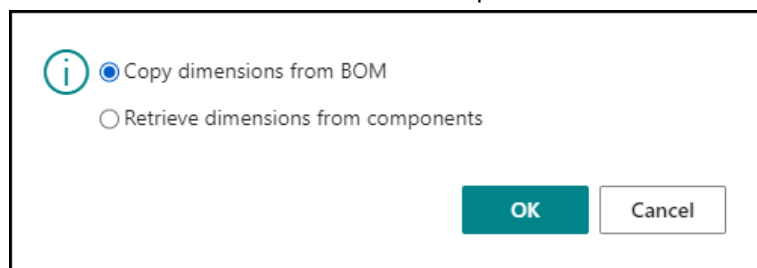


The screenshot shows the 'Item Journals' window with the 'Batch Name' set to 'STANDARD'. The 'Actions' menu is open, and the 'Functions' sub-menu is selected. Within the 'Functions' sub-menu, the 'Explode/Collapse Assortment' option is highlighted.

This function will automatically create the “regular” Item Lines with a *Positive Adjustment*, based on the content of the Assortment.

You will get a message to determine where to take the Dimensions from:

- Copy Dimension from BOM = Copy Dimensions from Assortment-Item
- Retrieve Dimensions from Components = Take Dimensions from “regular” Items:



The dialog box has two radio buttons. The first option, 'Copy dimensions from BOM', is selected. The second option is 'Retrieve dimensions from components'. There are 'OK' and 'Cancel' buttons at the bottom.

Matrix Type	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Quantity	Unit of Measure Code
Item	Negative Adjmt.	T00008	211030AA	Mia Blouse	Yellow,XS-L / 1221	BLUE			1	PCS
Item	Positive Adjmt.	T00008	21103001	Mia Blouse	Yellow,XS	BLUE			1	PCS
Item	Positive Adjmt.	T00008	21103002	Mia Blouse	Yellow,S	BLUE			2	PCS
Item	Positive Adjmt.	T00008	21103003	Mia Blouse	Yellow,M	BLUE			2	PCS
Item	Positive Adjmt.	T00008	21103004	Mia Blouse	Yellow,L	BLUE			1	PCS

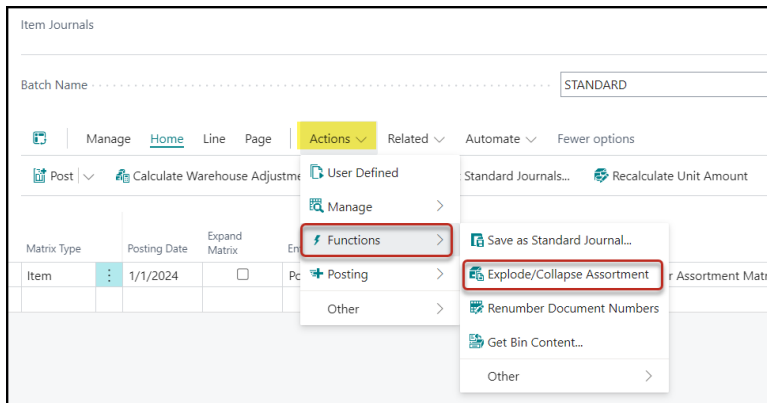
PACK AN ASSORTMENT

In case you want to pack an Assortment-Item from its regular Items, you can use the **Item Journal** as well.

Step 1: enter a **Positive Adjustment** for the Assortment-Item

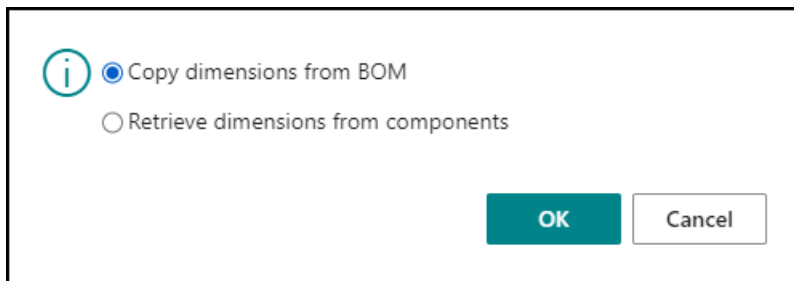
Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Quantity	Unit of Measure
Item	1/1/2024	☐	Positive Adjmt.	T00008	2105AA04	Blouse Color Assortment Matrix	Black/White, 11,L	BLUE			1	PCS

Step 2: click *Actions, Functions, Explode/Collapse Assortment*



This function will automatically create the “regular” Item Lines with a **Negative Adjustment**, based on the content of the Assortment Item.

You will get a message to determine where to take the Dimensions from:



Matrix Type	Posting Date	Expand Matrix	Entry Type	Document No.	Item No.	Description	Description 2	Location Code	Bin Code	New Location Code	Quantity	Unit of Measure
Item	1/1/2024	☐	Positive Adjmt.	T00008	2105AA04	Blouse Color Assortment Matrix	Black/White, 11,L	BLUE			1	PCS
Item	1/1/2024	☐	Negative Adjmt.	T00008	21050104	Blouse Color Assortment Matrix	White,L	BLUE			1	PCS
Item	1/1/2024	☐	Negative Adjmt.	T00008	21059904	Blouse Color Assortment Matrix	Black,L	BLUE			1	PCS