

- 1. Setup..... 1
 - 1.1. Manufacturing Setup V2 1
- 2. Bill of Materials..... 8
 - 2.1. Production BOM per variant..... 8
- 3. Planning worksheet..... 24
 - 3.1. Planning worksheet with matrix 24

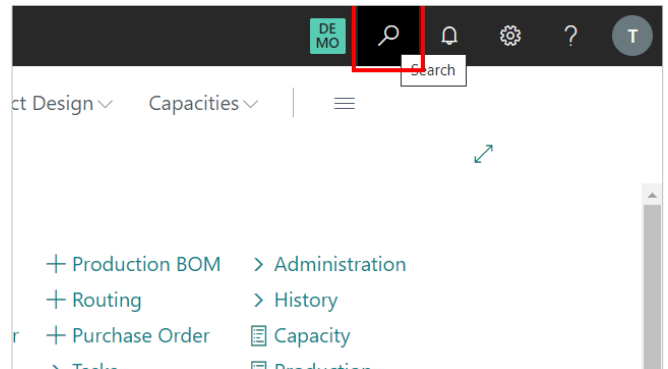
1. Setup

1.1. Manufacturing Setup V2

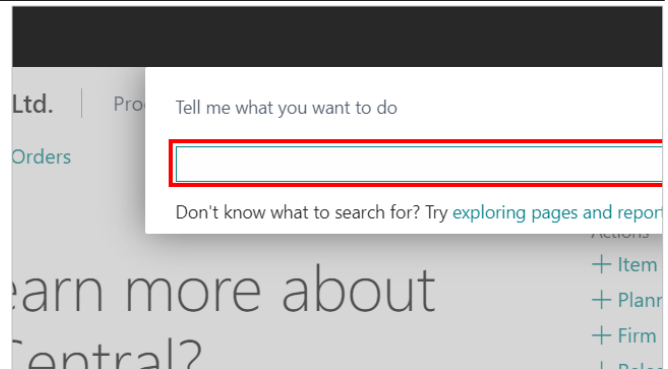
Make sure you have selected Role Center = Manufacturing Manager in "My Settings" before you start this course.

Before running Manufacturing Setup, please make sure you have prepared Number Series for Simulated, Planned, Firm Planned and Released Production Orders and for Work Centers, Machine Centers, Production BOM's and Production Routings.

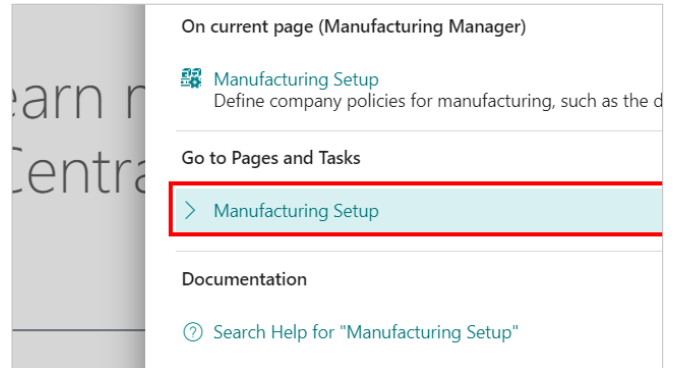
Click on the button **Search**




Click on the Search field
Enter the text **Manufacturing Setup**.



Click on **Manufacturing Setup** 




On current page (Manufacturing Manager)

-  **Manufacturing Setup**
Define company policies for manufacturing, such as the d

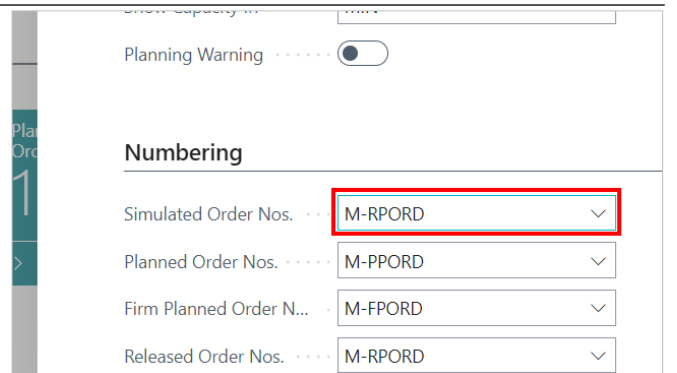
Go to Pages and Tasks

- > Manufacturing Setup**

Documentation

-  Search Help for "Manufacturing Setup"

Click on the field **Simulated Order Numbers.**

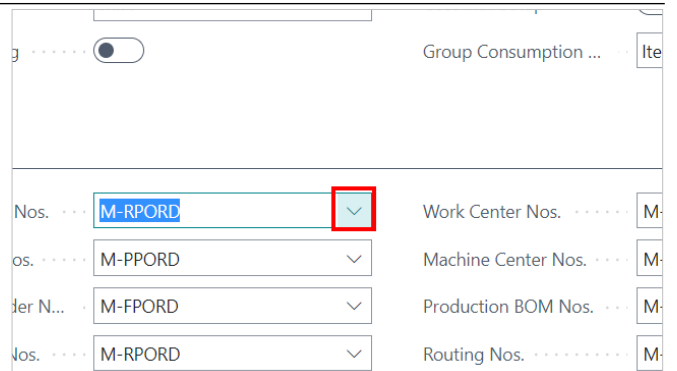


Planning Warning


Numbering

- Simulated Order Nos.
- Planned Order Nos.
- Firm Planned Order N...
- Released Order Nos.

Click on the lookup button **Simulated Order Numbers.**



Group Consumption ... Item

Nos. 

os.

der N...

Nos.

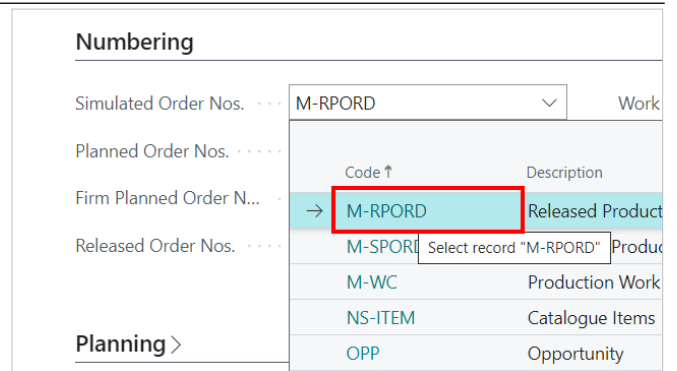
Work Center Nos.

Machine Center Nos.

Production BOM Nos.

Routing Nos.

Select the Number Series you want to use for Simulated Production Orders, for example **M-RPORD**



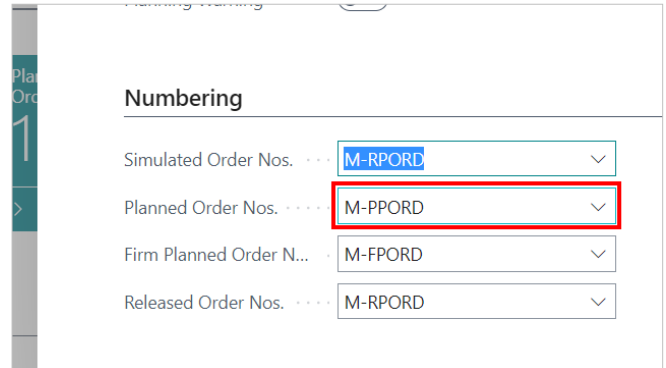
Numbering

- Simulated Order Nos. Work
- Planned Order Nos.
- Firm Planned Order N...
- Released Order Nos.

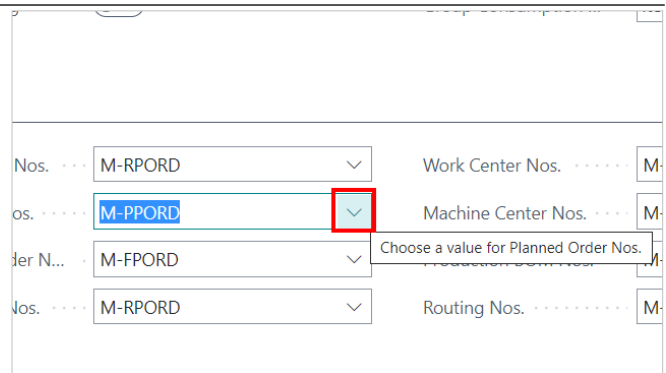
Planning >

Code ↑	Description
M-RPORD	Released Product
M-SPORD	Select record "M-RPORD" Produc
M-WC	Production Work
NS-ITEM	Catalogue Items
OPP	Opportunity

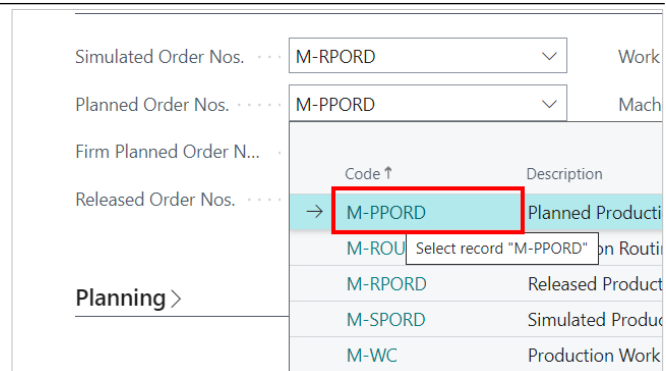
Click on the field **Planned Order Numbers**.



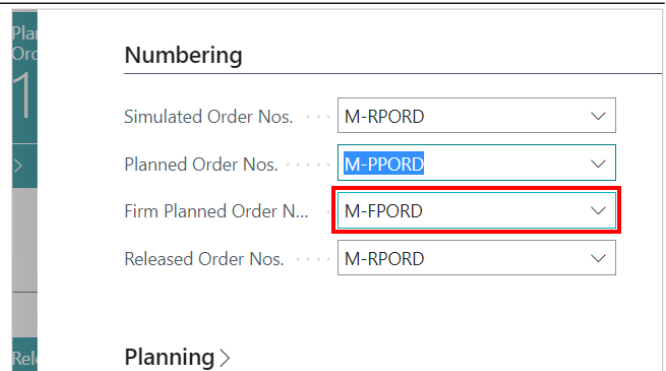
Click on the lookup button **Planned Order Numbers**.



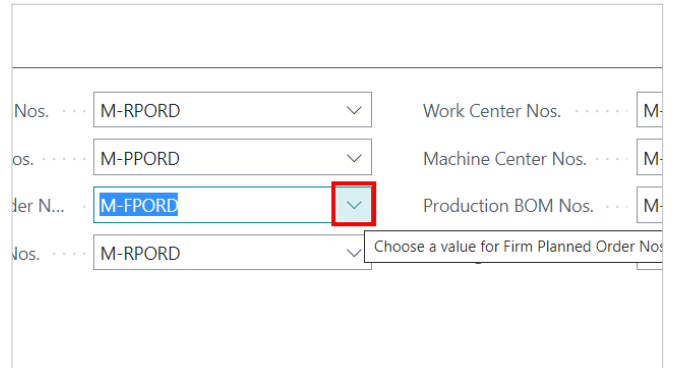
Select the Number Series you want to use for Planned Production Orders, for example **M-PPORD**



Click on the field **Firm Planned Order Numbers**.

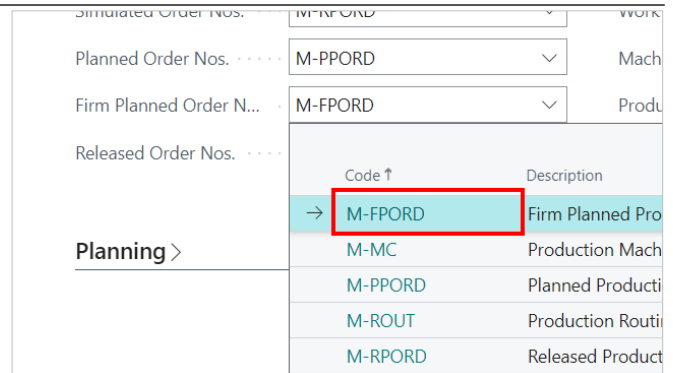


Click on the lookup button **Firm Planned Order Numbers**.



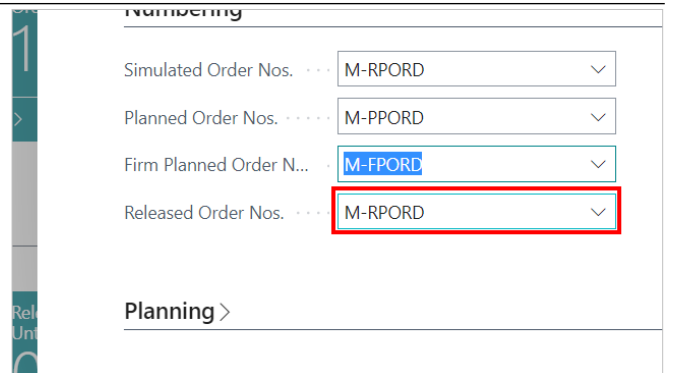
Nos. ... M-RPORD ... Work Center Nos. ... M-
 os. M-PPORD ... Machine Center Nos. ... M-
 der N... M-FPORD ... Production BOM Nos. ... M-
 Jos. M-RPORD ... Choose a value for Firm Planned Order Nos.

Select the Number Series you want to use for Firm Planned Production Orders, for example **M-FPORD**



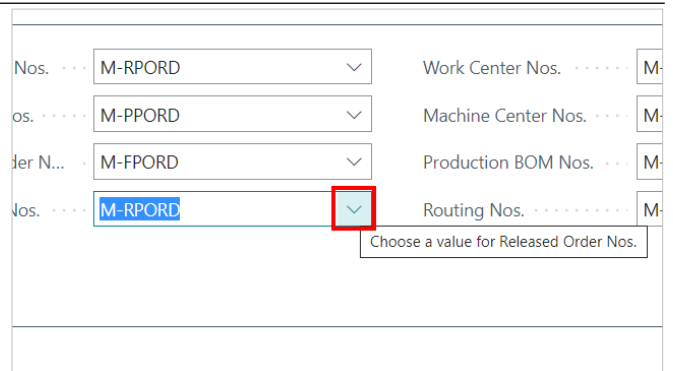
Simulated Order Nos. ... M-FPORD ... work
 Planned Order Nos. M-PPORD ... Mach
 Firm Planned Order N... M-FPORD ... Produ
 Released Order Nos.
 Code ↑ Description
 → M-FPORD Firm Planned Pro
 M-MC Production Mach
 M-PPORD Planned Producti
 M-ROUT Production Routi
 M-RPORD Released Product

Click on the field **Released Order Numbers**.



Numbering
 Simulated Order Nos. ... M-RPORD ...
 Planned Order Nos. M-PPORD ...
 Firm Planned Order N... M-FPORD ...
 Released Order Nos. M-RPORD ...
 Planning >

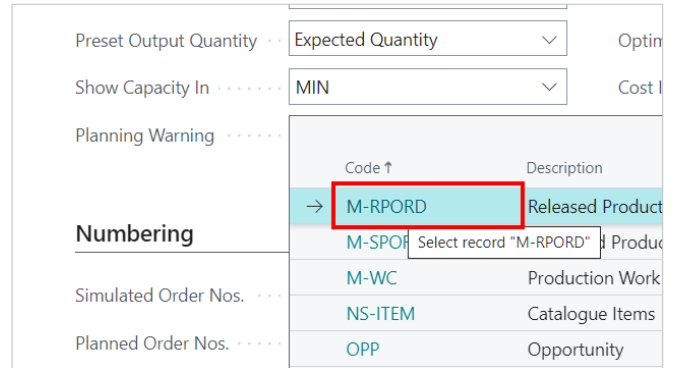
Click on the lookup button **Released Order Numbers**.



Nos. ... M-RPORD ... Work Center Nos. M-
 os. M-PPORD ... Machine Center Nos. ... M-
 der N... M-FPORD ... Production BOM Nos. ... M-
 Jos. M-RPORD ... Routing Nos. M-
 Choose a value for Released Order Nos.

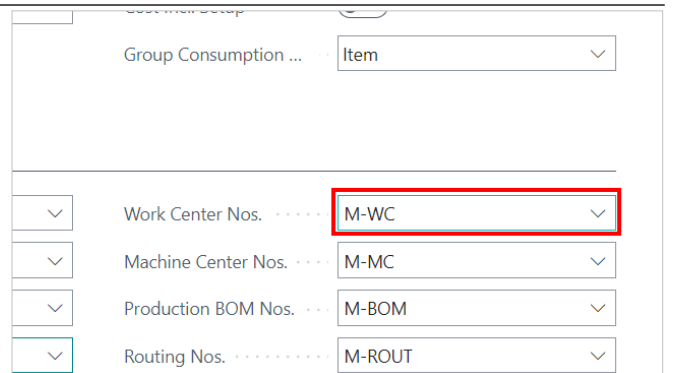
K3 Pebblestone Manufacturing

Select the Number Series you want to use for Released Production Orders, for example **M-RPORD**



Code ↑	Description
M-RPORD	Released Product
M-SPO	Select record "M-RPORD" Product
M-WC	Production Work
NS-ITEM	Catalogue Items
OPP	Opportunity

Click on the field **Work Center Numbers**.



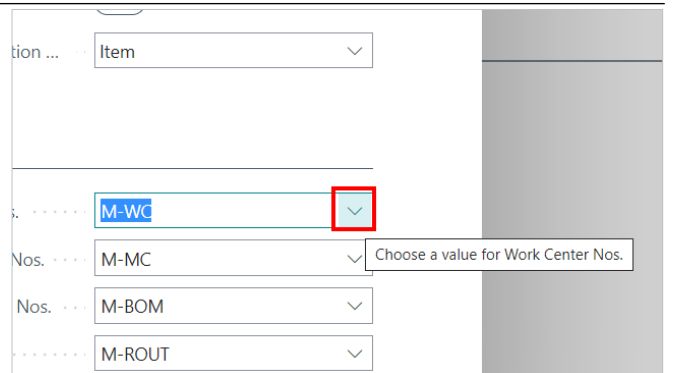
Work Center Nos. : M-WC

Machine Center Nos. : M-MC

Production BOM Nos. : M-BOM

Routing Nos. : M-ROUT

Click on the lookup button **Work Center Numbers**.



Choose a value for Work Center Nos.

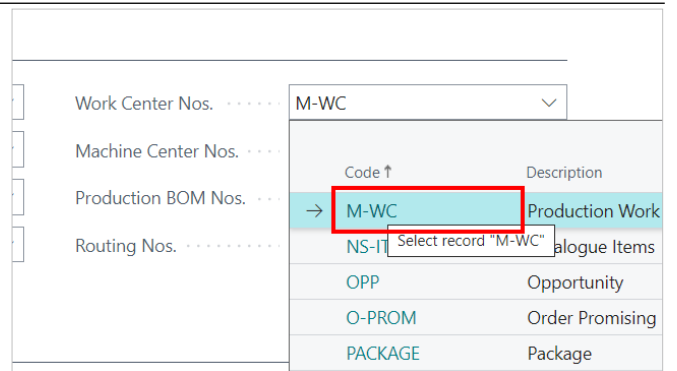
M-WC

M-MC

M-BOM

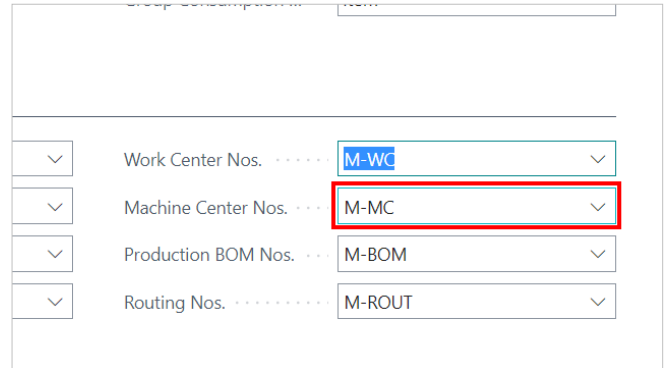
M-ROUT

Select the Number Series you want to use for Work Centers, for example **M-WC**



Code ↑	Description
M-WC	Production Work
NS-IT	Select record "M-WC" Catalogue Items
OPP	Opportunity
O-PROM	Order Promising
PACKAGE	Package

Click on the field **Machine Center Numbers**.



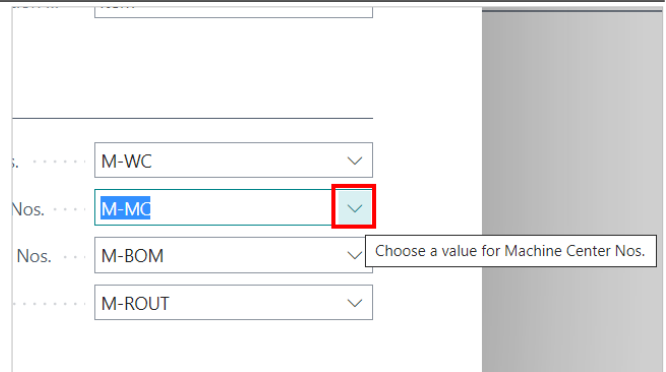
Work Center Nos. M-WC

Machine Center Nos. **M-MC**

Production BOM Nos. M-BOM

Routing Nos. M-ROUT

Click on the lookup button **Machine Center Numbers**.



Work Center Nos. M-WC

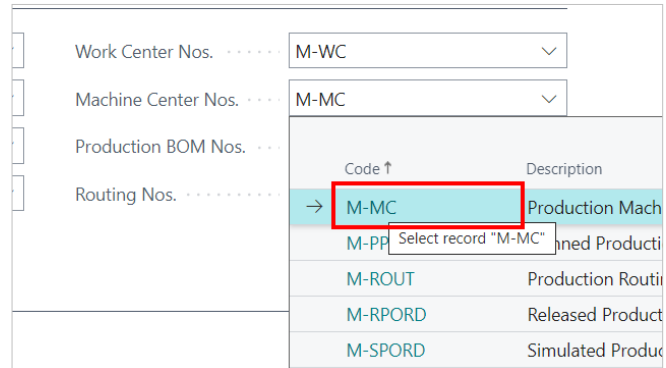
Machine Center Nos. **M-MC**

Production BOM Nos. M-BOM

Routing Nos. M-ROUT

Choose a value for Machine Center Nos.

Select the Number Series you want to use for Machine Centers, for example **M-MC**



Work Center Nos. M-WC

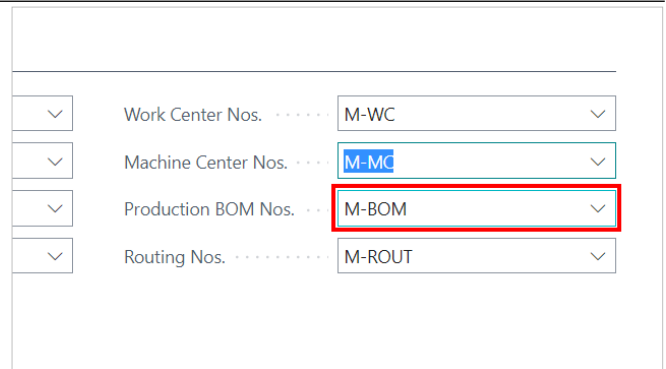
Machine Center Nos. **M-MC**

Production BOM Nos. M-BOM

Routing Nos. M-ROUT

Code ↑	Description
M-MC	Production Mach
M-PP	Select record "M-MC" ned Producti
M-ROUT	Production Routi
M-RPORD	Released Product
M-SPORD	Simulated Produ

Click on the field **Production BOM Numbers**.



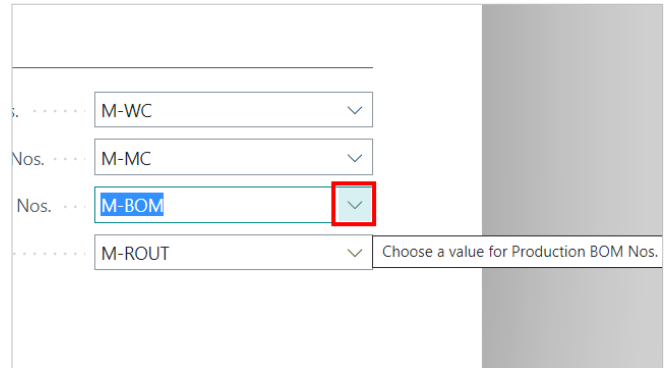
Work Center Nos. M-WC

Machine Center Nos. M-MC

Production BOM Nos. **M-BOM**

Routing Nos. M-ROUT

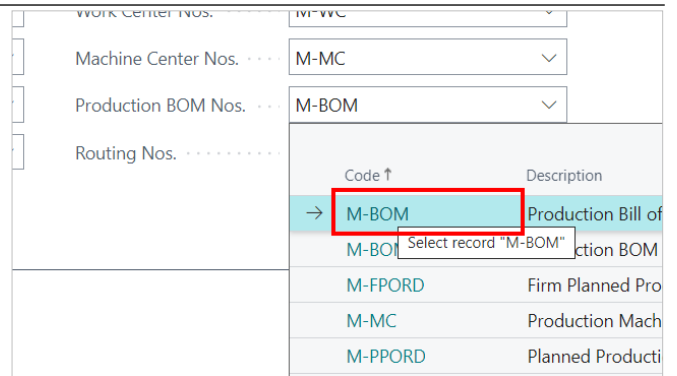
Click on the lookup button **Production BOM Numbers**.



s. M-WC
 Nos. M-MC
 Nos. ... **M-BOM**
 M-ROUT

Choose a value for Production BOM Nos.

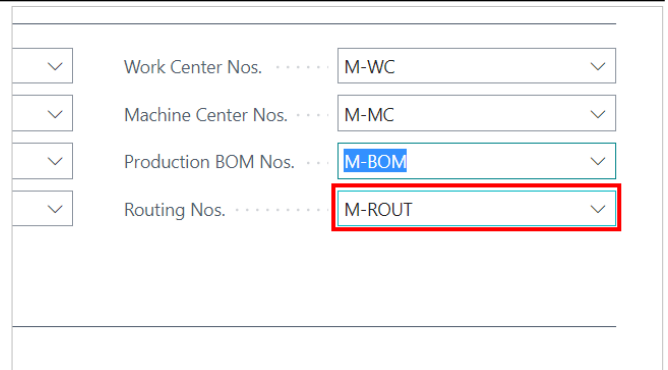
Select the Number Series you want to use for Production BOM's, for example **M-BOM**



Work Center Nos. M-FWC
 Machine Center Nos. M-MC
 Production BOM Nos. ... **M-BOM**
 Routing Nos.

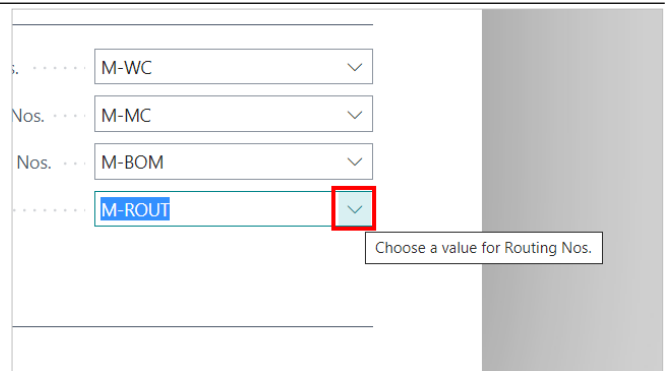
Code ↑	Description
→ M-BOM	Production Bill of
M-BOM	Select record "M-BOM" ction BOM
M-FPORD	Firm Planned Pro
M-MC	Production Mach
M-PPORD	Planned Producti

Click on the field **Routing Numbers**.



Work Center Nos. M-WC
 Machine Center Nos. M-MC
 Production BOM Nos. ... M-BOM
 Routing Nos. **M-ROUT**

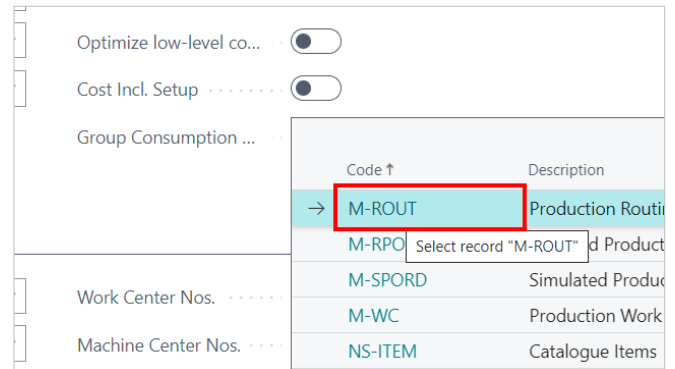
Click on the lookup button **Routing Numbers**.



s. M-WC
 Nos. M-MC
 Nos. ... M-BOM
 **M-ROUT**

Choose a value for Routing Nos.

Select the Number Series you want to use for Production Routings, for example **M-ROUT**
Press the **Esc** key.

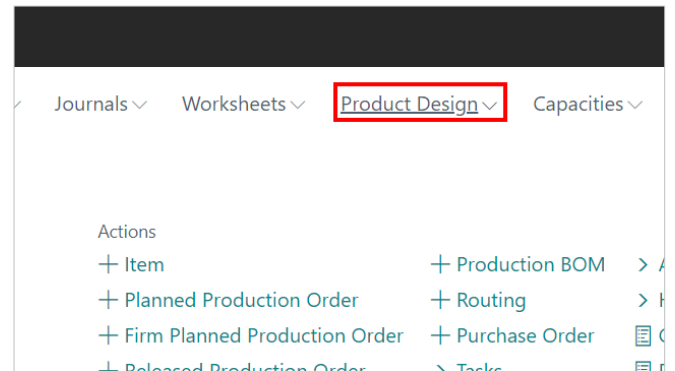


You have now completed the Manufacturing Setup and can proceed with Manufacturing execution. Press the **Esc** key.

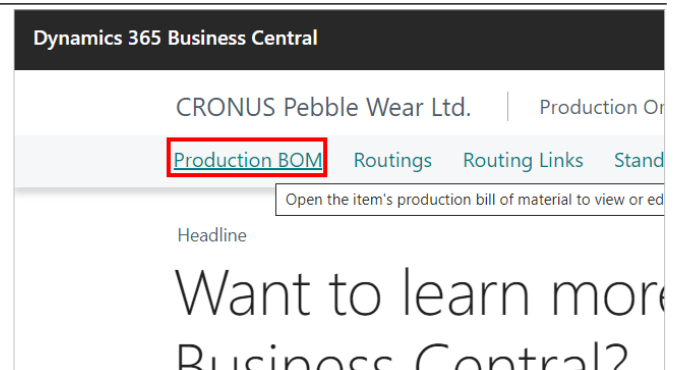
2. Bill of Materials

2.1. Production BOM per variant

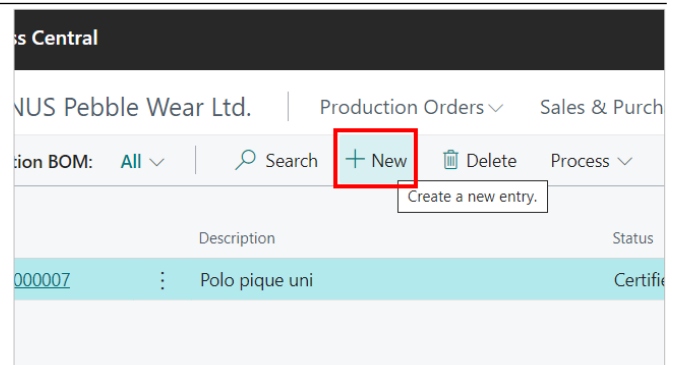
Click on the navigation menu item popup **Product Design**



Click on the navigation menu item **Production BOM**



Click on the navigation menu item **New**



K3 Pebblestone Manufacturing

Click on the field **No.**
Press the **Enter** key to have the system automatically issue the number for the new BOM, based on the number series in the Manufacturing Setup

BOM

Prod. BOM | Related v Automate v Fewer options

..... ...

..... v

.....

..... * v

Click on the field **Item No.**
Enter the number of the Item for which you want to create the new BOM. Press the **TAB** key.

Prod. BOM | Related v Automate v Fewer options

..... PBOM000009 ...

..... v

.....

..... * v

..... v ...

Click on the field **Default Size Code**

..... 10256 v

..... Polo pique uni

..... PCS v

..... XXS-5XL v ...

..... * v

..... v ...

..... v

Select the **Size Code** that you want to make the Default

Range Code

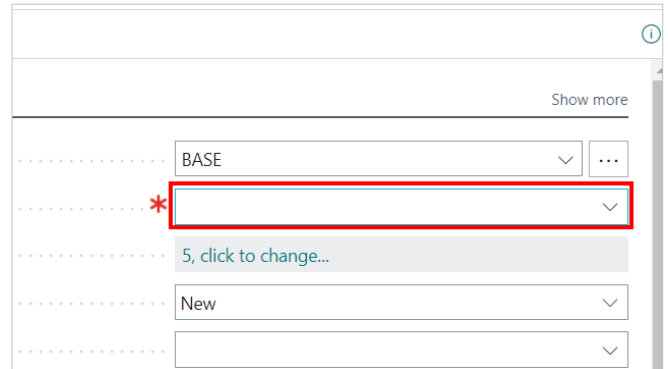
2nd Size Code

Manage Component

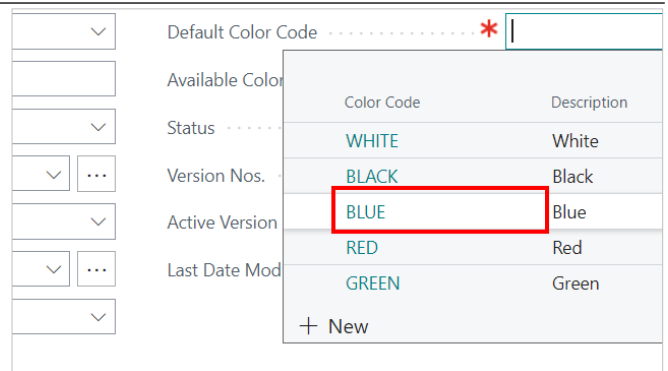
Item Category Code No

Size Code	Description
XS	XS
S	S
M	M
L	L
XL	XL
...	...
+ New	

Click on the field **Default Color Code**



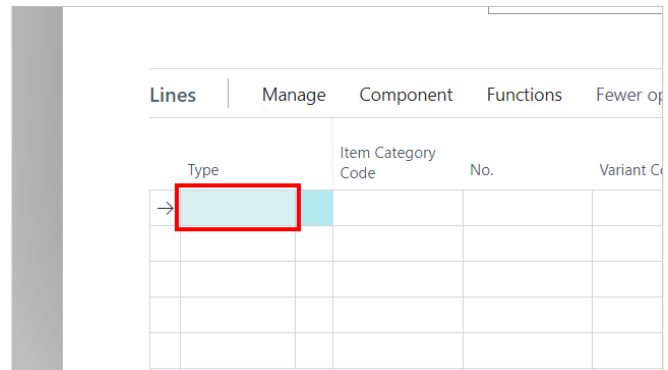
Select the **Color Code** that you want to make the Default



Color Code	Description
WHITE	White
BLACK	Black
BLUE	Blue
RED	Red
GREEN	Green
+ New	

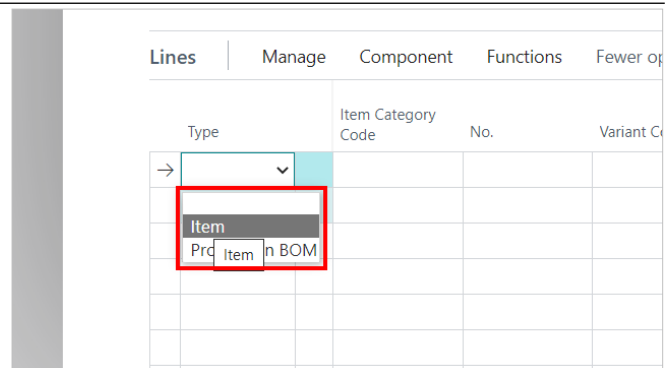
Now move from the header part of the BOM to the lines part

Click on the cell **Type**



Lines	Manage	Component	Functions	Fewer of
Type	Item Category Code	No.	Variant C	
→				

Select **Item** from the list



Lines	Manage	Component	Functions	Fewer of
Type	Item Category Code	No.	Variant C	
→				

Click on the cell **Item Category Code**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	Description
→ Item				

Find and select the Item Category = Fabrics

Code	Description
APRON	Apron
BAGS	Bags
BELTS	Belts
HATS	Hats
TIES	Ties
+ New	

In the next step, you will now only see Materials of the Category = Fabric

Click on the cell **No.**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	Description
→ Item	FABRICS			

Find and select the Fabric you want to use , for example **M-10003 (Fabric Cotton Classic)**

No. ↑	Description
M-10003	Fabric Cotton Classic
M-10004	Select record "M-10003" Classic
M-10005	Fabric Panama
M-10006	Fabric Panama Stretch
M-10007	Fabric Jeans

K3 Pebblestone Manufacturing

Click on the cell **Quantity per** with the value **0**
Enter the quantity you want to use for the Default Size
and press the **TAB** key.

Code	Description	Quantity per	Unit of Measure Code	Inhe... Color
	Fabric Cotton Classic	0	M	<input type="checkbox"/>

Click on **Inherit Color**. This will let the system automatically choose the same color of the Fabric as for the Item.

Quantity per	Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per
3	M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Click on the cell **Growth per**

Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per	Growth %	Grov
M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		0.00	

Select **Size Code** in the list

Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per	Growth %	Grov
M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code	0.00	

K3 Pebblestone Manufacturing

Click on the cell **Growth %** and enter the required percentage. This will let the system automatically add this percentage to the planned quantity for larger sizes and deduct for smaller sizes than the Default size.
Press the **TAB** key.

Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per	Growth %	Grov
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code	0.00	

Click on the cell **Type**

Type	Item Category Code	No.	Variant C
→ Item	FABRICS	M-10003	

Click on the cell **Item Category Code**

Type	Item Category Code	No.	Variant C
→ Item	FABRICS	M-10003	
→ Item			

Find and select the Item Category = Yarns. As a result, the system will only show materials from the Item Category = Yarns in the next step.

Code	Description
PINS	Pins
SOLES	Soles
STRAPS	Straps
YARNS	Yarns
ZIPPERS	Zippers
+ New	

Click on the cell **No.**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	Description
Item	FABRICS	M-10003		Fabric C
→ Item	YARNS			

Find and select the Yarn that you want to add to this BOM, for example **M-10000**

Default Size Code L

Default Size Range Code

Default 2nd Size Code

No. ↑	Description
M-10000	Yarn

Lines	Manage	Component
Type	Item Category Code	
Item	FABRICS	
	YARNS	

+ New

Click on the cell **Quantity per** and enter the Quantity of Yarn that you want to set for the Default size. Press the **TAB** key.

Code	Description	Quantity per	Unit of Measure Code	Inhe... Color
	Fabric Cotton Classic	3	M	<input checked="" type="checkbox"/>
	Yarn	0	M	<input type="checkbox"/>

Click on Inherit Color. This will let the system automatically choose the same color of the Yarn as for the Item.

Quantity per	Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per
3	M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code
5	M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Click on the cell **Growth per**

Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per	Growth %	Growth Value
M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code	3.00	
M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="Size Code"/>	0.00	

Select **Size Code** from the list
Press the **TAB** key.

Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per	Growth %	Growth Value
M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code	3.00	
M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="Size Code"/>	0.00	

Click on the cell Growth Value and enter the required value. This will let the system automatically add this value to the planned quantity for larger sizes and deduct for smaller sizes than the Default size.
Press the **TAB** key.

Inhe... 2nd Size	Growth per	Growth %	Growth Value	Round Methc
<input type="checkbox"/>	Size Code	3.00	0.00	
<input type="checkbox"/>	Size Code	0.00	<input type="text" value="0.00"/>	

Click on the cell **Type**

Type	Item Category Code	No.	Variant C
Item	FABRICS	M-10003	
→ Item	YARNS	M-10000	

Click on the cell **Item Category Code**

Lines	Manage	Component	Functions	Fewer options
Type		Item Category Code	No.	Variant Code
Item		FABRICS	M-10003	
Item		YARNS	M-10000	
→ Item		Item		

Find and select the Category Code = **BUTTONS**. As a result, in the next step only materials of Category Code = Buttons will be shown.

Lines	Manage	Code	Description
Default 2nd Size Code		JEWELS	Jewelry
		APPAREL	Apparel
		BODYWEAR	Bodywear
		DRESSES	Dresses
		JACKETS	Jackets
		LEGWEAR	Legwear
		+ New	

Find and select the Button that you want to use, for example M-10001.

Lines	Manage	Component	Functions	Fewer options
Type		Item Category Code	No.	Variant Code
Item		FABRICS	M-10003	Fabric C
Item		YARNS	M-10000	Yarn
→ Item		BUTTONS		

Click on the cell **Quantity per** with the value **0**
Enter the number of buttons you want to use in this BOM and press the **TAB** key.

Code	Description	Quantity per	Unit of Measure Code	Inhe. Color
	Fabric Cotton Classic	3	M	<input checked="" type="checkbox"/>
	Yarn	5	M	<input checked="" type="checkbox"/>
	Button 13mm	0	PCS	<input type="checkbox"/>

Click on the cell **Variant Code**

Manage	Component	Functions	Fewer options	
	Item Category Code	No.	Variant Code	Description
	FABRICS	M-10003		Fabric Cotton Classic
	YARNS	M-10000		Yarn
	BUTTONS	M-10001		Button 13mm

Select the required variant you want to use in this BOM. By defining it here, this variant will be used on all variants of the Item automatically.

.....

.....

Code ↑	Description
0000000001	Button 13mm Tr

Select record "0000000001"

+ New

Click on the cell **Type**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	
Item	FABRICS	M-10003		
Item	YARNS	M-10000		
→ Item	BUTTONS	M-10001	000000	

Click on the cell **Item Category Code**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	
Item	FABRICS	M-10003		
Item	YARNS	M-10000		
Item	BUTTONS	M-10001	000000	
→ Item				

K3 Pebblestone Manufacturing

Find and select the Item Category = **LABELS**

Default 2nd Size Code		Code	Description
Lines	Manage	HANGERS	Hangers
		HEELS	Heels
		INSOCKS	Insocks
		LABELS	Labels
		LACES	Laces
		LININGS	Linings
		+ New	
Type			
Item			
Item			
Item			
→ Item			

Click on the cell **No.**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	Description
Item	FABRICS	M-10003		Fabric C
Item	YARNS	M-10000		Yarn
Item	BUTTONS	M-10001	0000000001	Button
→ Item	LABELS			

Find and select the label you want to use in this BOM, for example **M-10011 Size Label Unisex**

Default 2nd Size Code		No. ↑	Description
Lines	Manage	M-10010	Brand Label
		M-10011	Size Label Unisex
		M-10012	Transfer Label
		+ New	
Type	Item Category Code		
Item	FABRICS		
Item	YARNS		
Item	BUTTONS		
→ Item	LABELS		

Click on the cell **Quantity per** and enter the quantity of these labels you want to use in this BOM, typically only one. Press the **TAB** key.

Code	Description	Quantity per	Unit of Measure Code	Inhe. Color
	Fabric Cotton Classic	3	M	<input checked="" type="checkbox"/>
	Yarn	5	M	<input checked="" type="checkbox"/>
0001	Button 13mm Transparant	4	PCS	<input type="checkbox"/>
	Size Label Unisex	0	PCS	<input type="checkbox"/>

K3 Pebblestone Manufacturing

Click on Inherit Size. This will let the system automatically choose the same Size of the Label as for the Item.

Quantity per	Unit of Measure Code	Inhe... Color	Inhe... Size	Inhe... 2nd Size	Growth per	Gr
3	M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code	
5	M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Size Code	
4	PCS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
1	<input type="text" value="PCS"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Click on the cell **Type**

Type	Item Category Code	No.	Variant C
Item	FABRICS	M-10003	
Item	YARNS	M-10000	
Item	BUTTONS	M-10001	0000000
→ Item	LABELS	M-10011	

Click on the cell **Item Category Code**

Type	Item Category Code	No.	Variant C
Item	FABRICS	M-10003	
Item	YARNS	M-10000	
Item	BUTTONS	M-10001	0000000
Item	LABELS	M-10011	
→ Item	<input type="text" value=""/>		

Find and select Item Category = **LABELS**

Code	Description
HANGERS	Hangers
HEELS	Heels
INSOCKS	Insocks
LABELS	Labels
LACES	Laces
LININGS	Linings
+ New	

Click on the cell **No.**

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No.	Variant Code	Description
Item	FABRICS	M-10003		Fabric C
Item	YARNS	M-10000		Yarn
Item	BUTTONS	M-10001	0000000001	Button
Item	LABELS	M-10011		Size La
→ Item	LABELS	▼		

Find and select the label that you want to use in this BOM, for example **M-10010 Brand Label**

efault 2nd Size Code

Lines	Manage	Component	Functions	Fewer options
Type	Item Category Code	No. ↑	Description	
Item	FABRICS	M-10010	Brand Label	
Item	YARNS	M-10012	Select record "M-10010" x	
Item	BUTTONS	M-10012	Transfer Label	
Item	LABELS		+ New	

Click on the cell **Variant Code**

Manage	Component	Functions	Fewer options
Item Category Code	No.	Variant Code	Description
FABRICS	M-10003		Fabric Cotton Classic
YARNS	M-10000		Yarn
BUTTONS	M-10001	0000000001	Button 13mm Transpara
LABELS	M-10011		Size Label Unisex
LABELS	M-10010	▼	Brand Label

Select the variant of the Label that you want to use. By choosing one variant here, this will be used on all variants of the Item.

.....

Component	Functions	Fewer options	
Item Category Code	No.	Code ↑	Description
FABRICS	M-10003	0000000001	Brand Label Blue
YARNS	M-10000	0000000001	Select record "0000000001" Whi
BUTTONS	M-10001	0000000003	Brand Label Blac
LABELS	M-10011		+ New

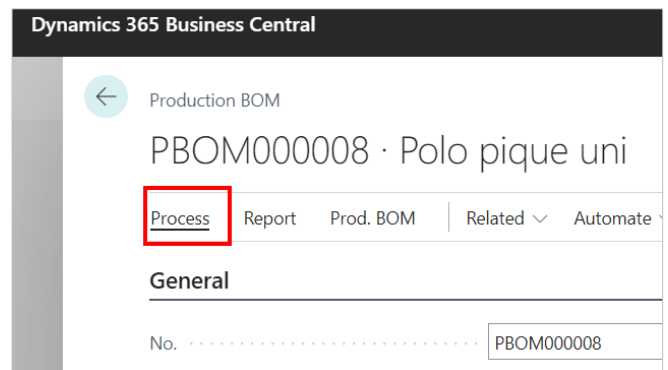
K3 Pebblestone Manufacturing

Click on the cell Quantity per and enter the quantity of these labels you want to use in this BOM, typically only one.
Press the **TAB** key.

Code	Description	Quantity per	Unit of Measure Code	Inhe. Color
	Fabric Cotton Classic	3	M	<input checked="" type="checkbox"/>
	Yarn	5	M	<input checked="" type="checkbox"/>
001	Button 13mm Transparant	4	PCS	<input type="checkbox"/>
	Size Label Unisex	1	PCS	<input type="checkbox"/>
01	Brand Label Blue	0	PCS	<input type="checkbox"/>

Based on the Inherit settings, the system is able to automatically establish the right colors and sizes of components for each variant of the Item. Where we have selected a variant of the component from the start, this will be used for all variants of the Item. For components that have different colors and sizes than the Item, we will need to choose the right component variants manually.

Click on the navigation menu item **Process**



Dynamics 365 Business Central

Production BOM

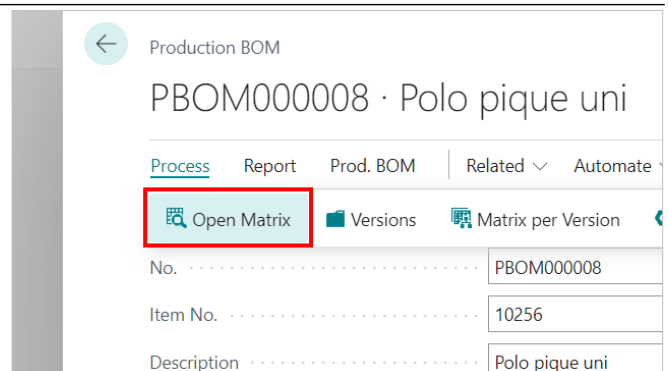
PBOM000008 · Polo pique uni

Process Report Prod. BOM Related Automate

General

No. PBOM000008

Click on the navigation menu item **Open Matrix**



Production BOM

PBOM000008 · Polo pique uni

Process Report Prod. BOM Related Automate

Open Matrix Versions Matrix per Version

No. PBOM000008

Item No. 10256

Description Polo pique uni

Click on the cell **Group**

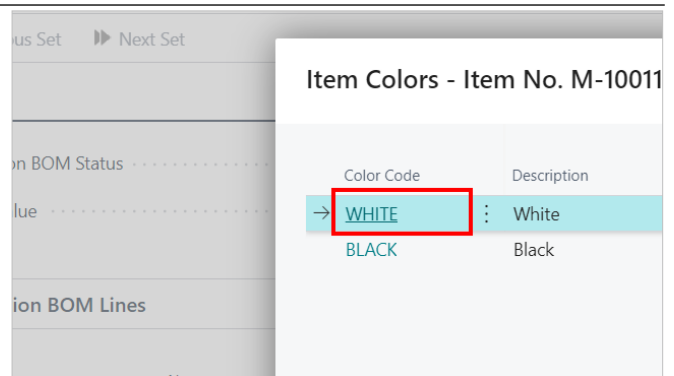
Description	Group	XS
Fabric Cotton Classic	Mixed	Mixed
Yarn	Mixed	Mixed
Button 13mm Transparant	TRANSPARAN	TRANSPARAN
Size Label Unisex		
Brand Label Blue		

K3 Pebblestone Manufacturing

Click on the lookup button in the cell **Group**

	Group	XS	S
Classic	Mixed	Mixed	Mixed
	Mixed	Mixed	Mixed
Transparant	TRANSPARAN	TRANSPARAN	TRANSPARAN
isex	<input type="text" value="..."/>		
lue	<input type="text" value="Choose a value for Group"/>		

Select the required Color from the list. By entering this in the field Group, it will apply it to all sizes on this line.



Color Code	Description
→ WHITE	White
BLACK	Black

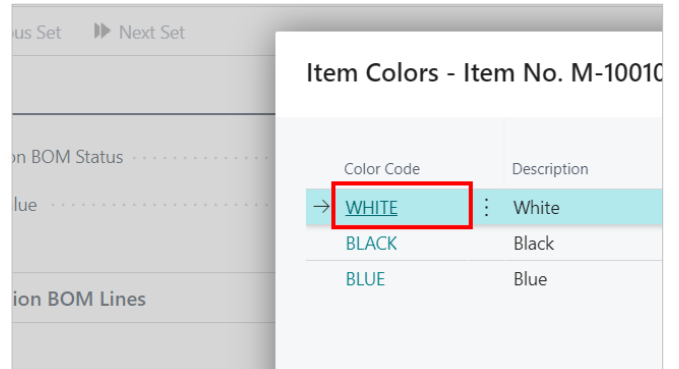
Click on the cell **Group**

Description	Group	XS	S
Fabric Cotton Classic	Mixed	Mixed	
Yarn	Mixed	Mixed	
Button 13mm Transparant	TRANSPARAN	TRANSPARAN	
Size Label Unisex	WHITE <input type="text" value="..."/>	WHITE	
Brand Label Blue	<input type="text" value="..."/>		

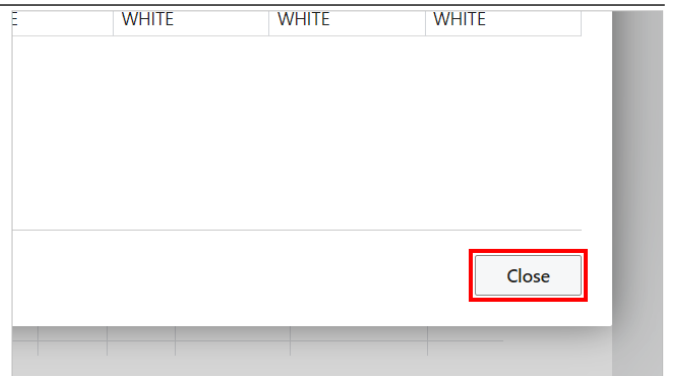
Click on the lookup button in the cell **Group**

	Group	XS	S
Classic	Mixed	Mixed	Mixed
	Mixed	Mixed	Mixed
Transparant	TRANSPARAN	TRANSPARAN	TRANSPARAN
sex	WHITE	WHITE	WHITE
Blue	<input type="text" value="..."/>		
	<input type="text" value="Choose a value for Group"/>		

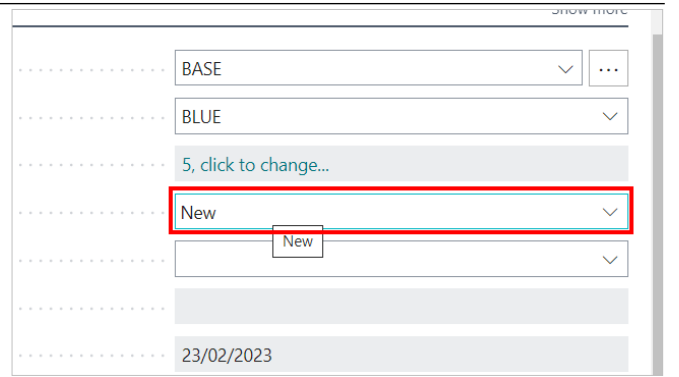
Repeat the previous step for this component.



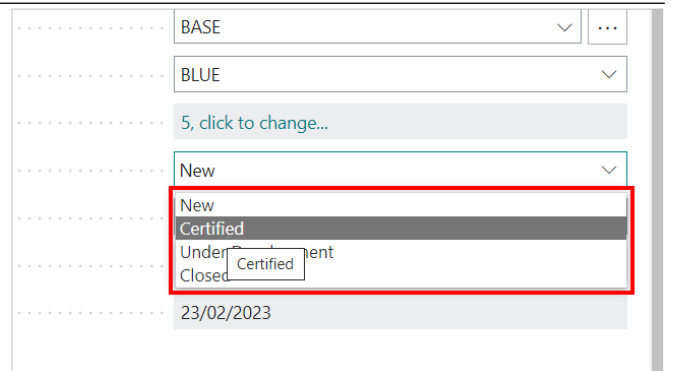
Click on the button **Close**



Click on the field **Status**



Click on the item **Certified** in the list
Press the **Esc** key.

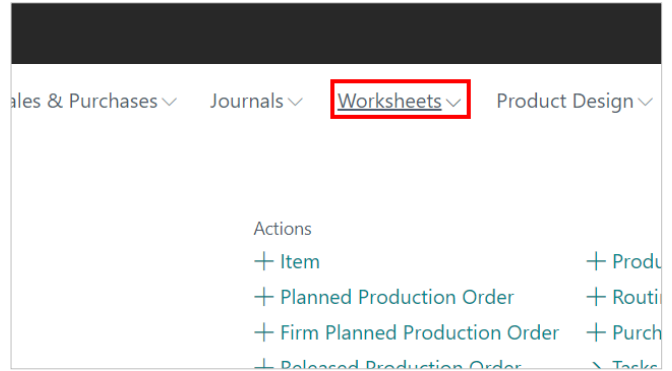


The new BOM is now ready to use in the further Manufacturing process.

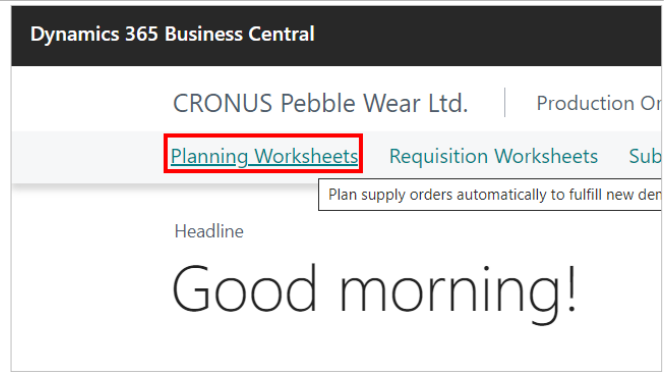
3. Planning worksheet

3.1. Planning worksheet with matrix

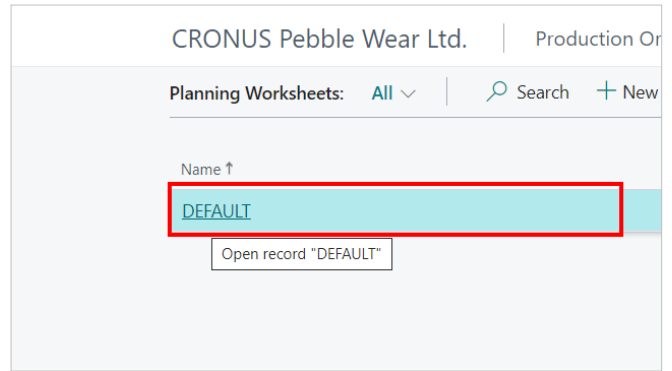
Click on the navigation menu item popup **Worksheets**



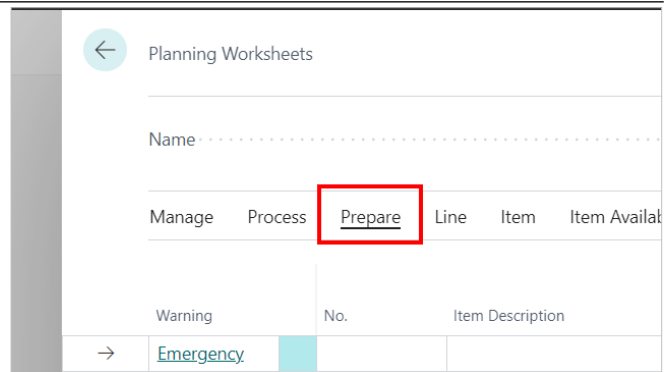
Click on the navigation menu item **Planning Worksheets**



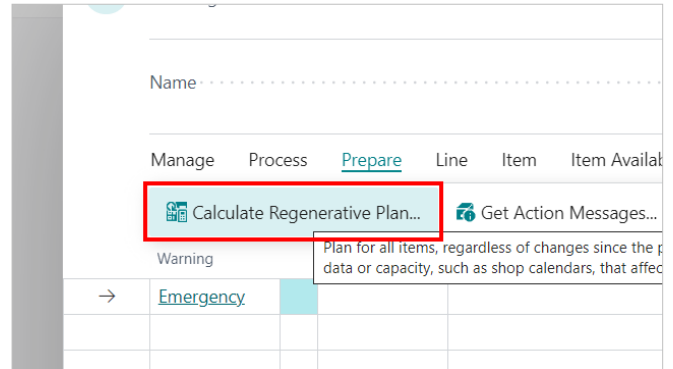
Select the Planning Worksheet Template = **DEFAULT**



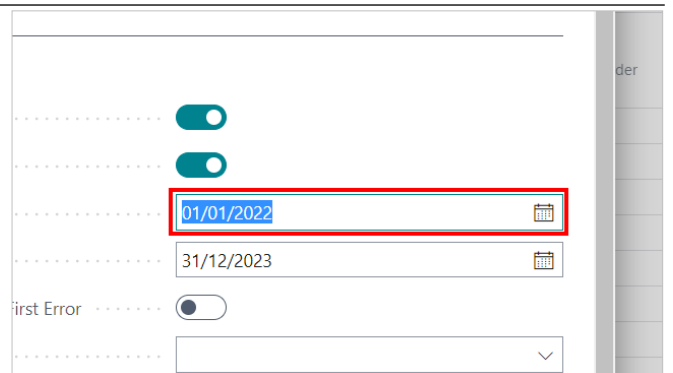
Click on the navigation menu item **Prepare**



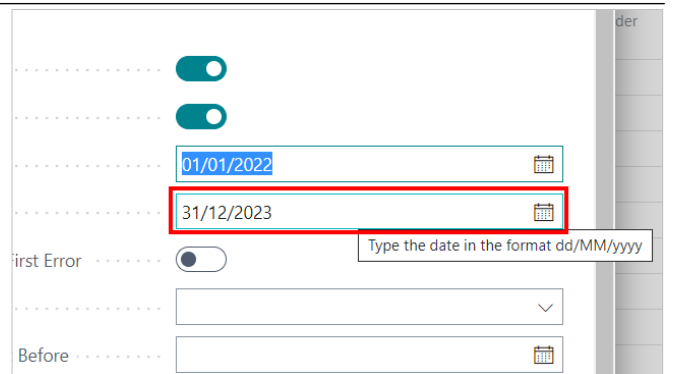
Click on the navigation menu item **Calculate Regenerative Plan...**



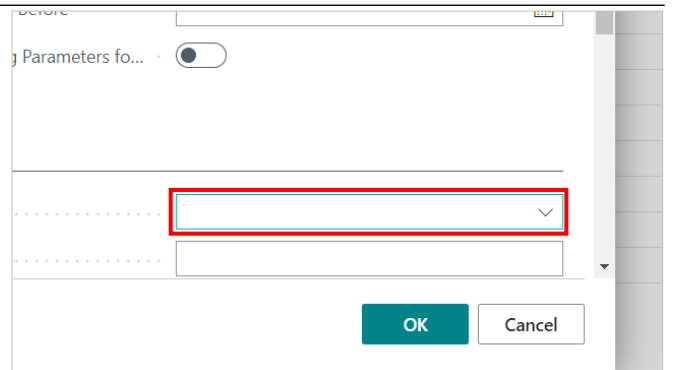
Click on the field **Starting Date** and enter the required Starting date



Click on the field **Ending Date** and enter the required starting date.

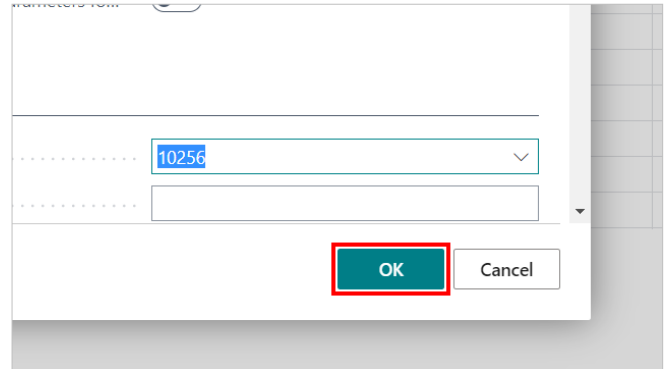


Click on the field **No.**
Enter the Item number(s) for which you want to run the Planning Worksheet, for example **10256**.
The system will automatically include the components from the Bill of Materials that has been defined for the selected Item(s) in the Planning worksheet.

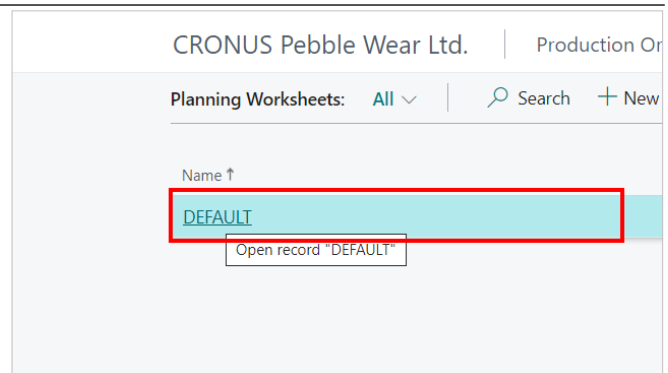


Enter **No..**

Click on the button **OK**



Select the Planning Worksheet Template = **DEFAULT**



Note that the Planning Worksheet now suggests (in the column Reference Order Type) to create Purchase orders for the necessary materials and a Production order to create the Item.

Click on the cell **Quantity** with the value **1,200** in the line of Item = 10256 to open the matrix for this line.

New			2,085	Purchase	28/11/2021
New			3,450	Purchase	29/12/2021
New			4,800	Purchase	29/12/2021
New			1,200	Purchase	28/11/2021
New			1,200	Purchase	28/11/2021
New			1,200	Prod. Order	10/11/2021
				1,200	

Click on the cell **XS** with the value **20**
Change the value to for example **10**. Press the **TAB** key.

es					
	Total	XS	S	M	L
:	240	20	40	60	60
	240	20	40	60	60
	240	20	40	60	60
	240	20	40	60	60
	240	20	40	60	60

K3 Pebblestone Manufacturing

Click on the cell **S** with the value **40**
Change the value to for example **20**. Press the **TAB**
key.

	Total	XS	S	M	L	XL
:	230	10	40	60	60	40
	240	20	40	60	60	40
	240	20	40	60	60	40
	240	20	40	60	60	40
	240	20	40	60	60	40

Click on the cell **M** with the value **60**
Change the value to for example **40**. Press the **TAB**
key.

	Total	XS	S	M	L	XL	XX
	210	10	20	60	60	40	20
	240	20	40	60	60	40	20
	240	20	40	60	60	40	20
	240	20	40	60	60	40	20
	240	20	40	60	60	40	20

Make sure the column **Accept Action Message** is set to **YES** for all lines in the worksheet.

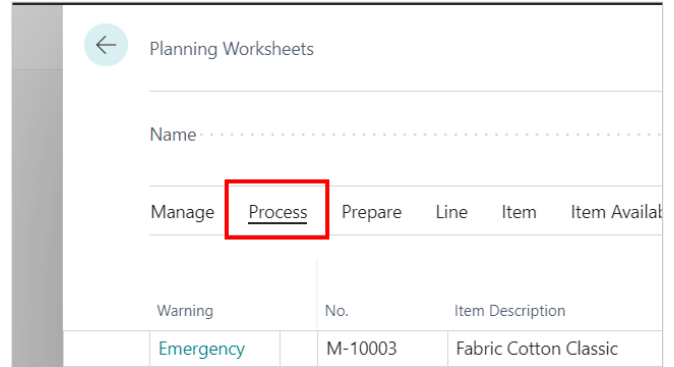
Click on the cell **Accept Action Message**

Actions ▾ Automate ▾ Fewer options						
or Code	Size Code	Action Message	Accept Action Mess...	Orig... Due Date	Quantity	Ref. Order Type
		New	▾		2,085	Purchase
		New			3,450	Purchase
ANSPARAN		New			4,800	Purchase
UE		New			1,200	Purchase
HITE	*	New			1,200	Purchase

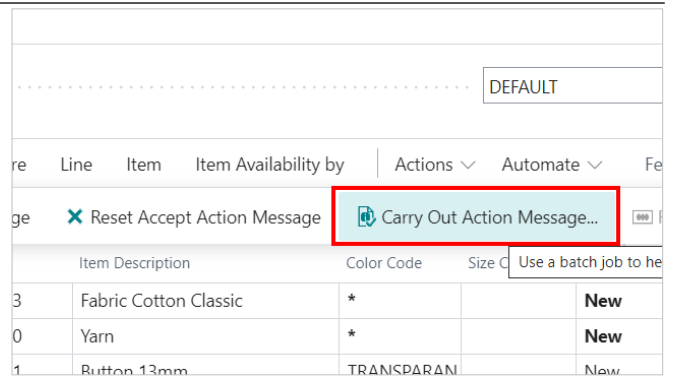
Click on the item **Yes** in the list

Actions ▾ Automate ▾ Fewer options						
or Code	Size Code	Action Message	Accept Action Mess...	Orig... Due Date	Quantity	Ref. Order Type
		New	Yes ▾		2,085	Purchase
		New			3,450	Purchase
ANSPARAN		New			4,800	Purchase
UE		New			1,200	Purchase
HITE	*	New			1,200	Purchase
	*	New			1,150	Prod. Or

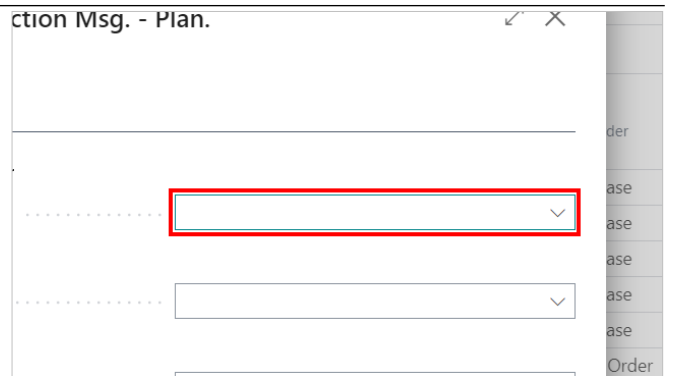
Click on the navigation menu item **Process**



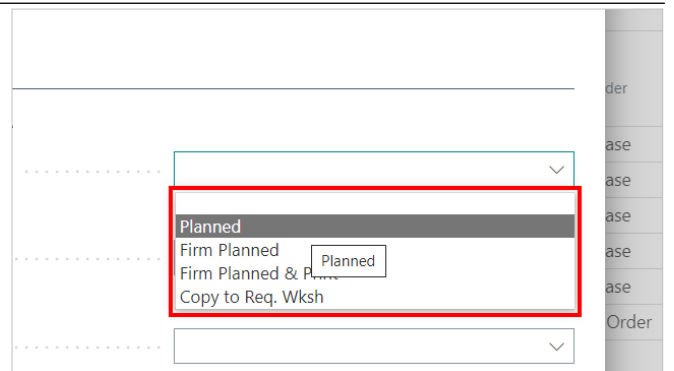
Click on the navigation menu item **Carry Out Action Message...**



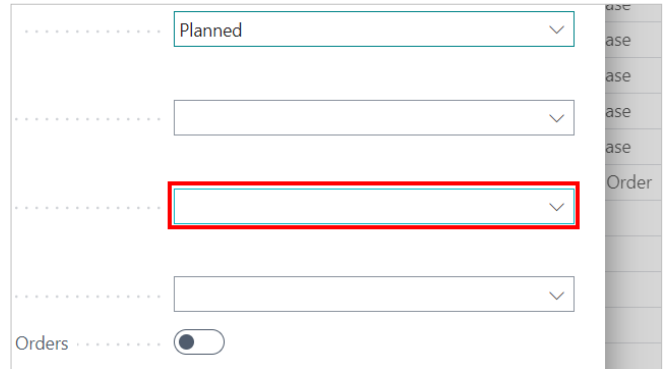
Click on the field **Production Order**



Select **Planned** in the list to let the system create Planned Production orders.



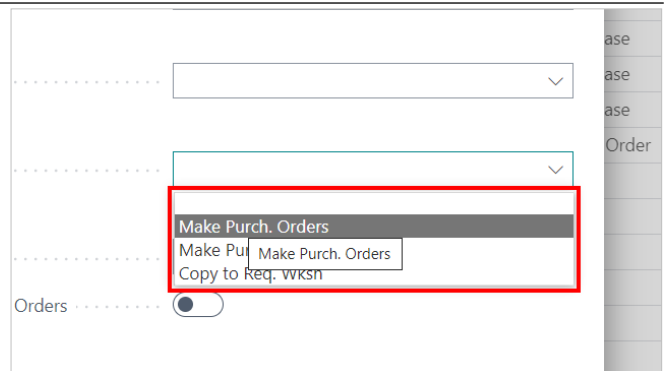
Click on the field **Purchase Order**



Planned

Orders

Select **Make Purchase Orders** in the list to let the system create Purchase orders for the components.



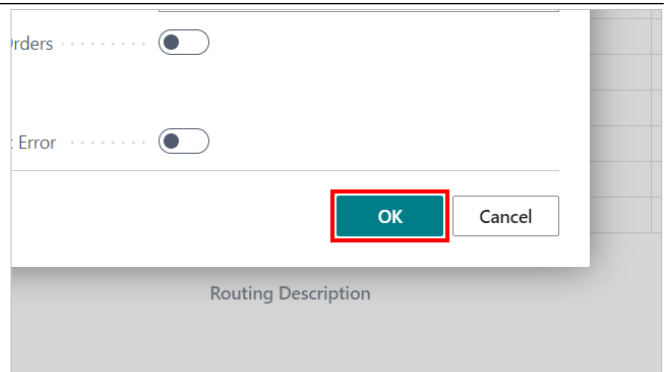
Make Purch. Orders

Make Pur Make Purch. Orders

Copy to Req. WKSN

Orders

Click on the button **OK**



Orders

Error

OK Cancel

Routing Description

After a few moments the worksheet will be empty again. The suggest Production order and Purchase orders have now been automatically created by the system.