

Production Order Configuration

SAP PP

Agenda: Production Order Configuration

- Master Data Configuration
- Transaction Configuration

BOM Configuration

- **BOM Header**
 1. **BOM Usage (OS20)**
 2. **BOM Status (OS23)**
 3. **BOM Usage / Material Types (OS24)**
 4. **Define Order of Priority for BOM Usages (OS31)**
 5. **Bill of Material Allocation (OS30)**
- **BOM Item**
 1. **Item Categories / Material Type / Object Type**
 2. **Variable Size / item Formulas**
 3. **Spare Parts / Material Provision Indicators**
- **Others**
 1. **Default Setting / Parameters**
 2. **User specific Setting**

BOM Usage – CSo1

Create material BOM: Initial Screen

Create variant of...

Material

Plant

BOM Usage →

Alternative BOM

Validity

Change Number

Valid From

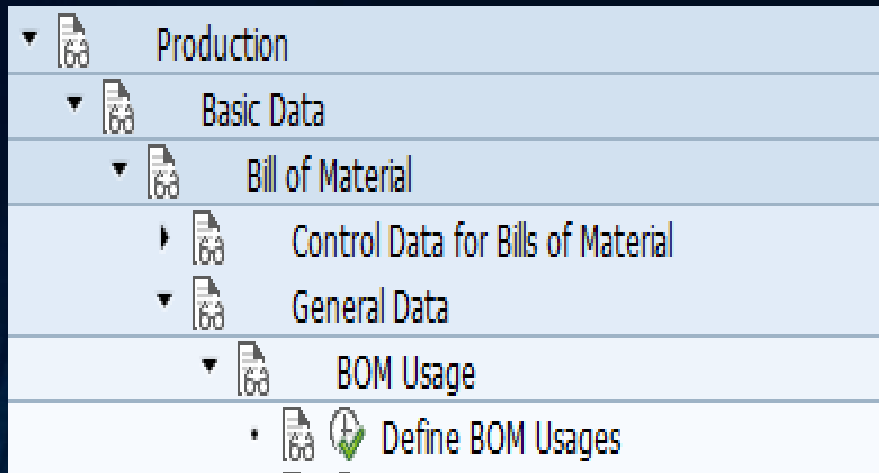
BOM Usage (1) 12 Entries found

Restrictions

Usage	Prod.	Eng/des.	PM	Spare	CostRel	Sales	Usage text
1	+	.	-	.	.	-	Production
2	.	+	-	.	.	-	Engineering/Design
3	.	.	-	.	.	.	Universal
4	-	-	+	.	.	-	Plant Maintenance
5	.	.	-	.	.	+	Sales and Distribution
6	.	.	-	.	+	.	Costing
7	.	-	-	-	.	.	Empties
8	-	.	-	-	-	-	Stability Study
B	.	.	-	.	.	+	Sales Bundles (IS-HT-SW)
C	-	-	+	.	.	-	Configuration Control
M	External Munitions Display
U	.	-	.	-	-	-	IUID Embedded Items

12 Entries found

BOM Usage – OS20



Change View "BOM Usage - Item Statuses": Overview

New Entries

BOM Usg	Prod.	Eng/des.	Spare	PM	Sales	CostRel	Usage text
1	+	.	.	-	-	.	Production
2	.	+	.	-	-	.	Engineering/Design
3	.	.	.	-	.	.	Universal
4	-	-	.	+	-	.	Plant Maintenance
5	.	.	.	-	+	.	Sales and Distribution
6	.	.	.	-	.	+	Costing
7	.	-	-	-	-	-	
8	-	.	-	-	-	-	
B	.	.	.	-	-	-	
C	-	-	.	+	-	-	
M	-	-	
U	.	-	-	.	-	-	

Indicator: item relevant to engineering (1...)

Engineering/design	Short Descript.
+	Required entry
.	Optional entry
-	No entry

3 Entries found

BOM Status – CS01 Active, Inactive

The image shows two SAP windows. The main window is the BOM configuration screen, and the smaller window is the BOM status overview.

BOM Configuration Data:

- BOM: INTERNAL
- Alternative BOM: 2
- BOM Usage: 1 Production
- Technical type: M Multiple BOM
- BOM group: [Empty]

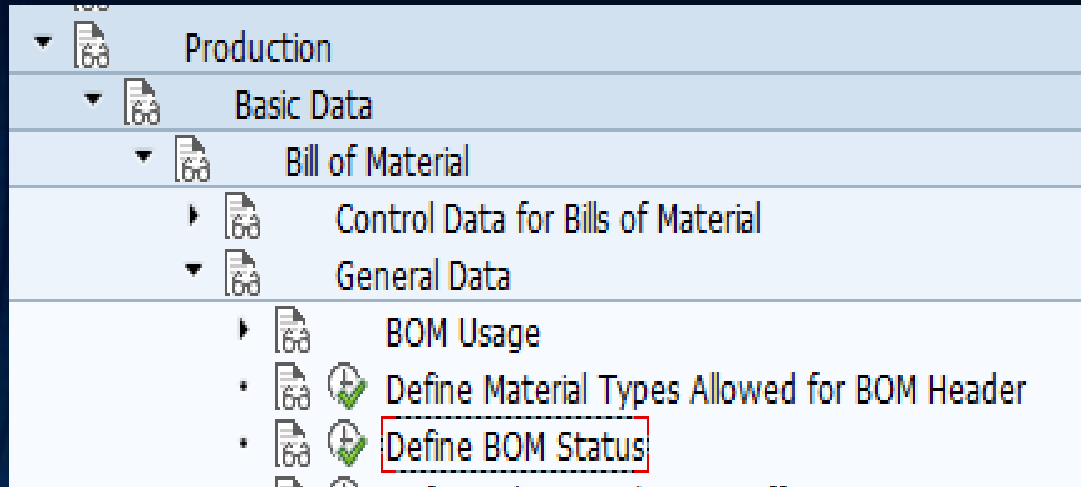
Validity Data:

- Change Number: [Empty]
- Valid From: 07.10.2020
- BOM status: 01
- Authorization group: [Empty]

BOM Status Overview (BOM status (2) - 4 Entries found):

BOM St.	MRPEXplo	PlanOrd	Rel cstg	RelWkSch.	Rel ords	Coll is	SalesOrd	Ext
01	✓	✓	✓	✓	✓	✓	✓	
02	□	□	□	□	□	□	□	
03	✓	✓	□	✓	□	□	✓	

BOM Status – OS23

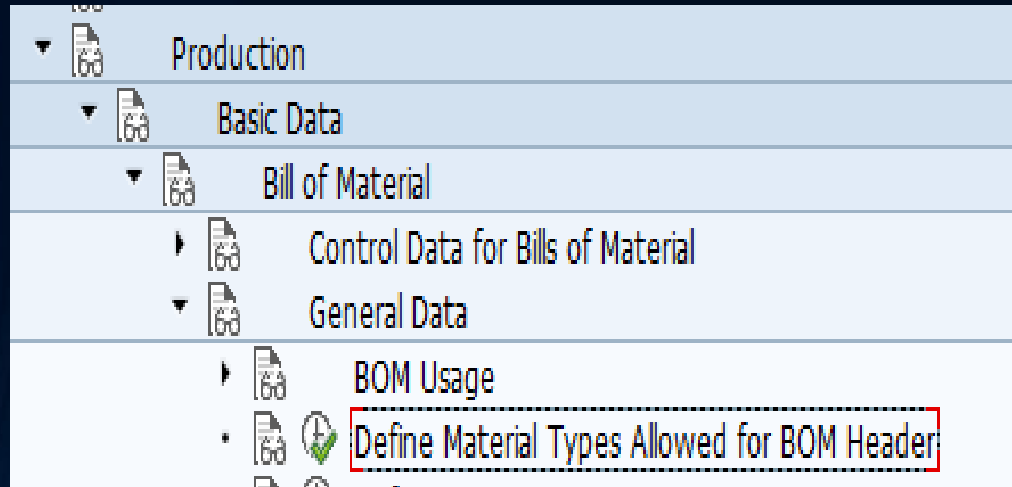


Change View "BOM Statuses": Overview

New Entries

BOM St.	ExMs ID	MRPExplo	PlanOrd	Rel cstg	RelWkSch.	Rel ords	Coll is	SalesOrd	Di
1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

BOM Usage / Material Type – OS24

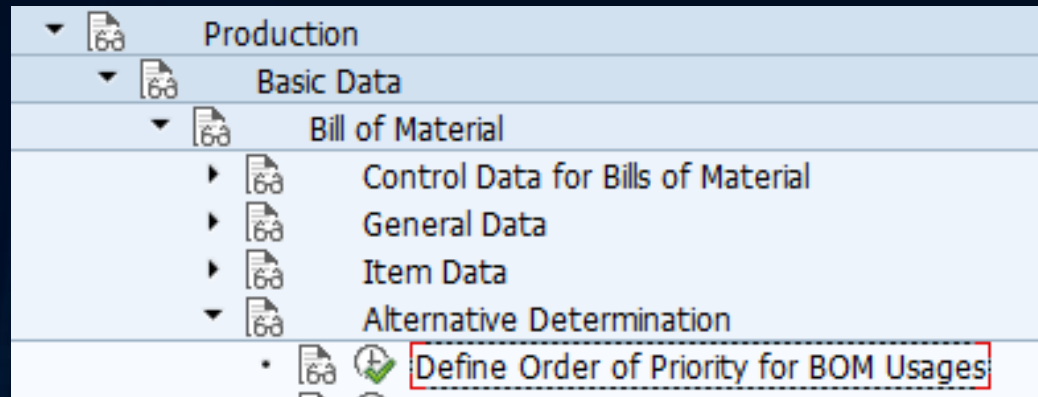


Change View "Material Types Allowed in BOM Header": Overview

New Entries

BOM Usgr	Mat type headr	Allowed
*	INTR	-
1	*	+
2	*	+
3	*	+
4	*	+
5	*	+
6	*	+
7	*	+
B	*	+
U	*	+

Define Order of Priority for BOM Usages



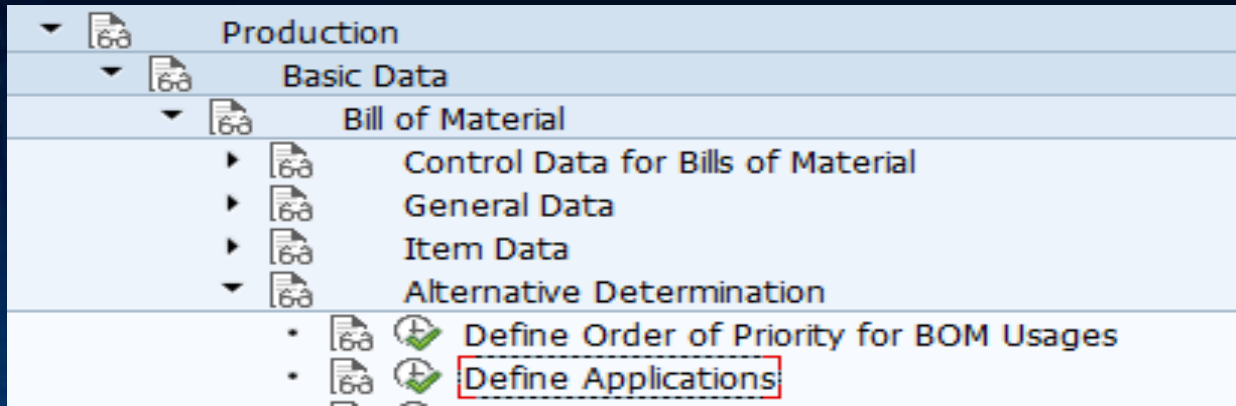
Change View "Order of Priority for BOM Usages": Overview

New Entries

	SelID	SelPr	BOMUsc	
	01	1	1	▲
	01	2	3	▼
	02	1	2	□
	02	2	3	
	03	1	4	
	04	1	5	
	04	2	3	
	04	3	7	
	04	99	B	
	05	1	6	
	05	2	1	
	05	3	3	
	10	1	U	
	40	1	1	
	40	2	3	▲
	99	1	M	▼

BOM Header – Define Order Priority for BOM Usage

Bill of Material Allocation – OS30



Change View "Application-Specific Criteria for Altern. Determination":

New Entries

Appl...	SelID	AltSel	ProdVers	Application description	ExpIMRP	PlndOr	RelCstg	RelWkSch	RelOrd.	CollWith	SalesOrd.
BEST	01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inventory Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CC01	CC	<input type="checkbox"/>	<input type="checkbox"/>	Configuration Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DFPS	99	<input checked="" type="checkbox"/>	<input type="checkbox"/>	External Batches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INST	03	<input type="checkbox"/>	<input type="checkbox"/>	Plant Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IUID	10	<input type="checkbox"/>	<input type="checkbox"/>	IUID Embedded Items	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PC01	05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Costing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PI01	40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Process Manufacturing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PP01	01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Production - General	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SD01	04	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sales and Distribution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Selection ID (1) 17 Entries found

Restrictions

SelID	SelPr	Usage	Usage text
01	01	1	Production
	02	3	Universal
02	01	2	Engineering/Design
	02	3	Universal
03	01	4	Plant Maintenance
04	01	5	Sales and Distribution
	02	3	Universal
	03	7	Empties
	99	B	Sales Bundles (IS-HT-SW)
05	01	6	Costing
	02	1	Production
	03	3	Universal
10	01	U	IUID Embedded Items
40	01	1	Production
	02	3	Universal
99	01	M	External Munitions Display
CC	01	C	Configuration Control

17 Entries found

BOM Header – BOM Application

BOM Application – CS13

The screenshot shows the SAP 'Explode BOM: Summarized BOM: Initial Screen' interface. The main form contains the following fields:

- Material:
- Plant:
- Alternative BOM:
- BOM Application:

Below these fields is a 'Selection' section with the following fields:

- Valid From:
- Change Number:
- Required qty:

A dropdown menu is open over the 'BOM Application' field, titled 'Application (2) 9 Entries found'. The menu has a 'Restrictions' tab and a toolbar with icons for selection, deletion, and printing. The dropdown list contains the following entries:

Applic.	Application description
BEST	Inventory Management
CC01	Configuration Control
DFPS	External Batches
INST	Plant Maintenance
IUID	IUID Embedded Items
PC01	Costing
PI01	Process Manufacturing
PP01	Production - General
SD01	Sales and Distribution

The dropdown menu also shows '9 Entries found' at the bottom.

BOM Header – BOM Application

Thank you