Setting Up Assembly Order Bill of Materials in Business Central

Today's Presenter

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Assembly BOM setup

Why are there different ways to set up BOMs

- **Depends on how you:**
- • Track your inventory
- • Sell your inventory
- • Ship your inventory

What are the two ways I see companies use BOM's?

- To assemble multiple items into a single sellable package
- To assemble multiple items into a display package so that these can be re-sold as individual units

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Do we need to use BOMs for all assembly orders?

- No
- Most common reason why they don’t use BOMs
- Unique, Make to order items
- Sometimes it doesn't fit their process or business model

Most common BOM setup example

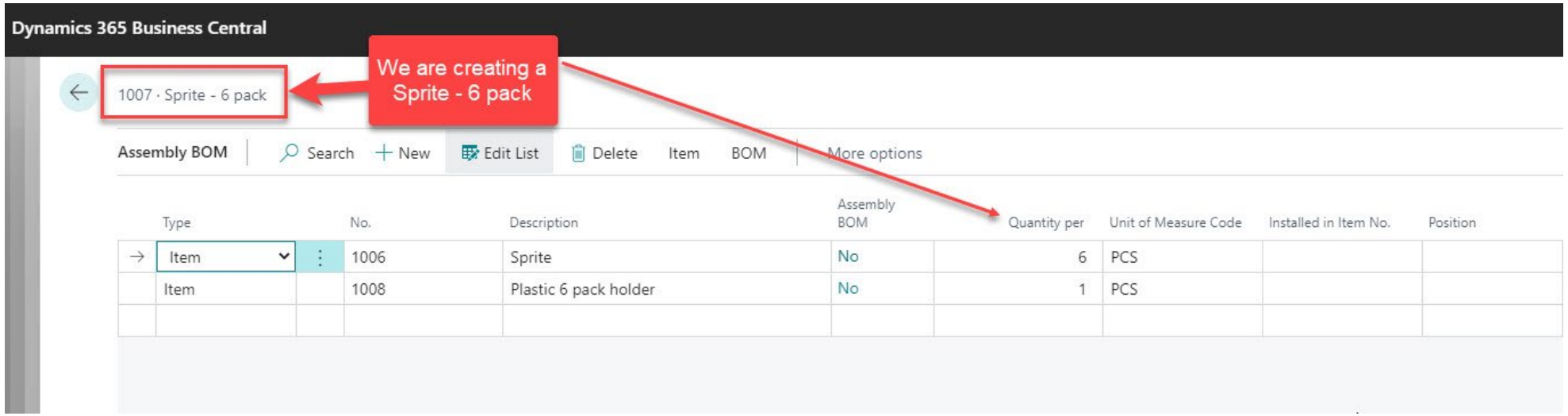
- Six pack of soda
- Three pack of gum
- Holiday package

Case reason for this type of BOM

- Assemble items into a single sellable unit

Six pack of Soda BOM Contains

- ✓ Sprite – Quantity of 6
- ✓ Plastic Holder – Quantity of 1



Six pack of Soda Assembly Order

- ✓ Need 12 cans of Sprite
- ✓ Need 2 plastic six pack holders

Assembly Order

A000-1 · Sprite - 6 pack

Saved

Process | Posting | Release | Prepare | Print | Warehouse | Order | Actions | Related | Automate | Fewer options

Dimensions | Statistics | Comments | Item Tracking Lines | Assembly BOM | Order Tracking | Item Availability by

General

No.	A000-1	Due Date	10/27/2022
Item No.	1007	Starting Date	10/26/2022
Description	Sprite - 6 pack	Ending Date	10/26/2022
Quantity	2	Remaining Quantity	2
Quantity to Assemble	2	Assembled Quantity	0
Unit of Measure Code	PACK	Assemble to Order	No
Posting Date	10/27/2022	Status	Open

Lines | Manage | Line | Functions | Fewer options

Avail. Warni...	Type	No.	Description	Quantity per	Unit of Measure Code	Quantity	Quantity to Consume	Consumed Quantity	Remaining Quantity	Unit Cost	Cost Amount	Location Code
Yes	Item	1006	Sprite	6	PCS	12	12	0	12	1.50	18.00	
Yes	Item	1008	Plastic 6 pack holder	1	PCS	2	2	0	2	0.05	0.10	

Details | Attachments (0)

Assembly Item - Details

Item No.	1007
Standard Cost	0.00
Unit Price	0.00

Component - Item

Item No.	1006
Required Quantity	12

Availability

Due Date	10/26/22
Item Availability	-12
Available Inventory	
Scheduled Receipt	
Reserved Receipt	
Gross Requirement	12
Reserved Requirement	

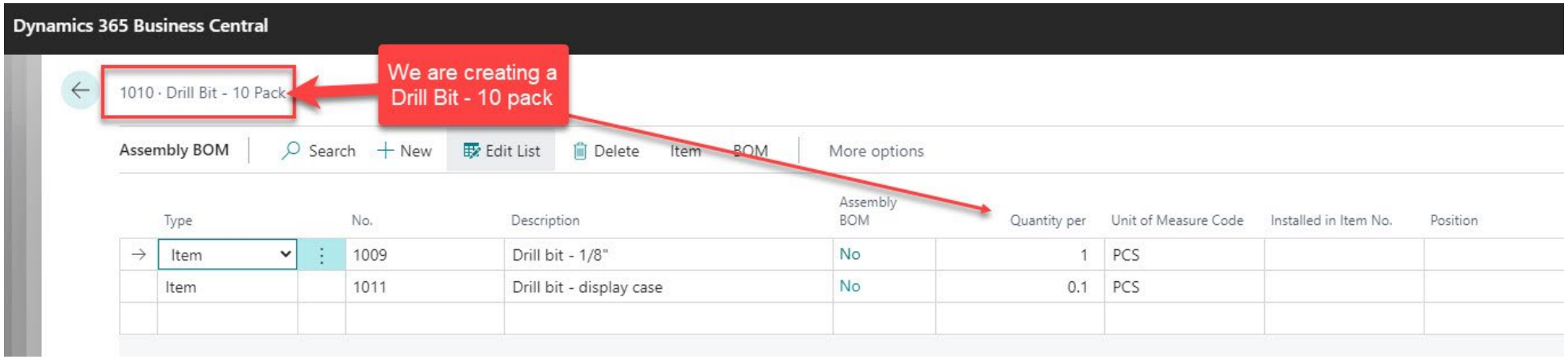
Item

Case reason for this type of BOM

- Assemble items into a display case for a customer to be able to sell these items individually

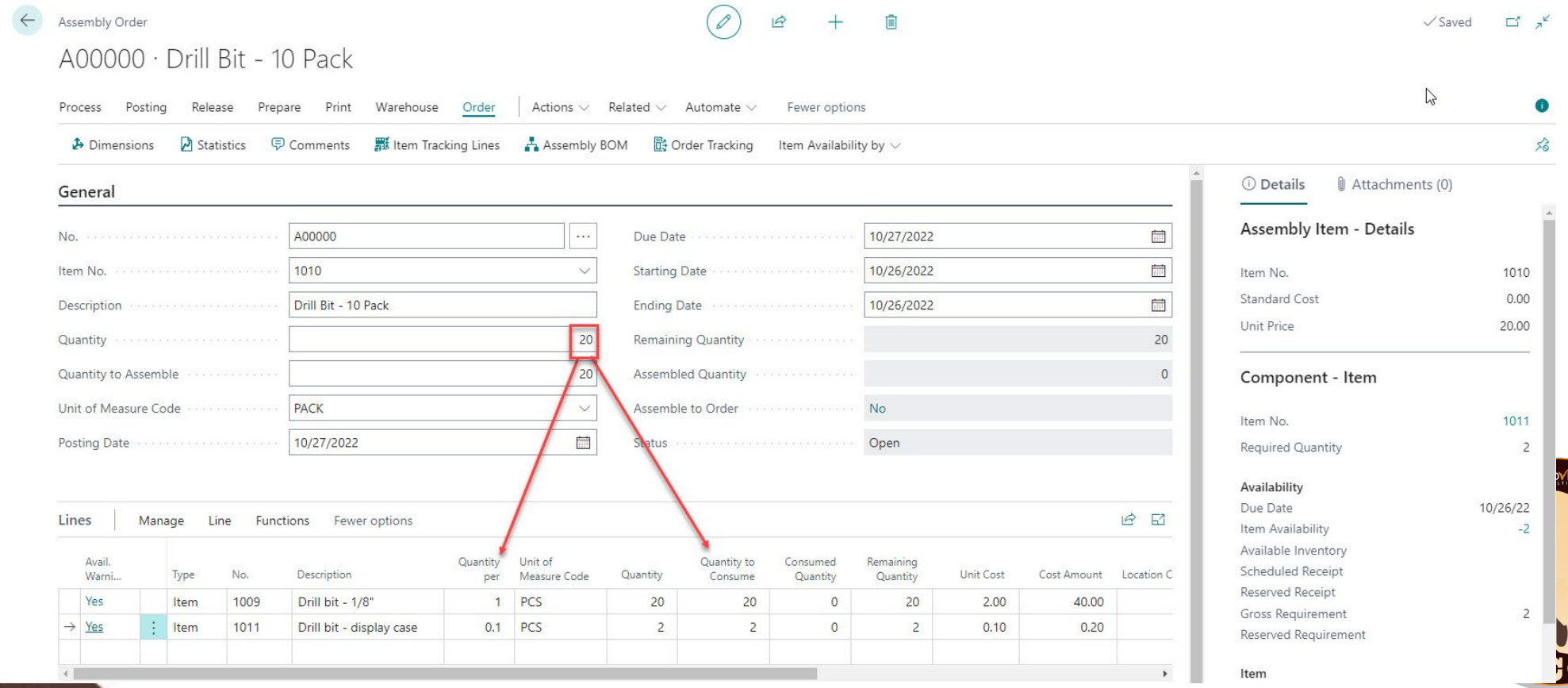
Ten pack of Drill bits contains

- ✓ Drill Bits – Quantity of 1
- ✓ Display case – Quantity of 0.1



Ten pack Drill Bit Assembly Order

- ✓ Need 20 Drill bits
- ✓ Need 2 Drill bit display cases



These are the two most common ways I have seen Assembly BOMs used

This concludes our session on Assembly BOM setup

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Any Questions?

Thanks for Joining Us

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