

Introduction to MS Dynamics

NAV VIII. [\(Stock Keeping Units\)](#)

Ing.J.Skorkovský,CSc.

MASARYK UNIVERSITY BRNO, Czech Republic
Faculty of economics and business administration
Department of corporate economy

Stockkeeping Units

- Stockkeeping units are a supplement to item cards, they do not replace them, although they are related to them.
- Stockkeeping units allow you to differentiate information about an item for a specific location (such as a warehouse or distribution center) or a specific variant (such as different shelf numbers and different replenishment information), for the same item.

How to create a new SKU

- Open an Item Card
- Button Function
- Create SKU
- Specify Location
- You can specify also condition such as Item in inventory only
- OK

Do we have some SKU already ?

1920-S ANTWERP Conference Table - Item Card

General Invoicing Replenishment Planning Foreign Trade Item Tracking E-Commerce Warehouse

No. 1920-S Search Description ANTWERP CONF...

Description ANTWERP Conference Table Inventory. 96

Base Unit of Measure PCS Qty. on Purch. Order 0

Bill of Materials Qty. on Prod. Order 0

Shelf No. D6 Qty. on Component Lines 0

Automatic Ext. Texts Qty. on Sales Order 7

Created From Nonstoc... Qty. on Service Order 0

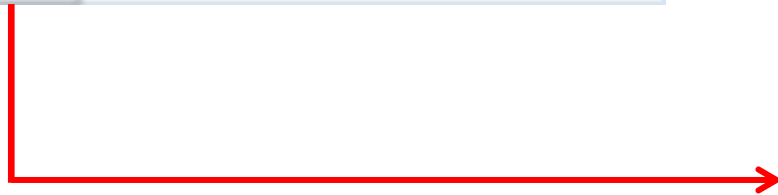
Item Category Code Service Item Group

Product Group Code Blocked

Last Date Modified 11.12.10

Item Sales Purchases Functions Help

- List F5
- Stockkeeping Units
 - Entries
 - Statistics
 - Items by Location
 - Item Availability by
 - Bin Contents
 - Comments
 - Dimensions Shift+Ctrl+D
 - Picture
 - Units of Measure
 - Variants
 - Cross References
 - Substitutions
 - Nonstock Items
 - Translations
 - Extended Texts
 - Assembly List
 - Manufacturing
 - Service Items
 - Troubleshooting
 - Resource
 - Identifiers
- Item Sales Purchases



Creation of the SKU

1920-S ANTWERP Conference Table - Item Card

General Invoicing Replenishment Planning Foreign Trade Item Tracking E-Commerce Warehouse

No. 1920-S Search Description . . . ANTWERP CONF...
Description ANTWERP Conference Table Inventory 96
Base Unit of Measure . . PCS Qty. on Purch. Order . . 0
Bill of Materials Qty. on Prod. Order . . 0
Shelf No. D6 Qty. on Component Lines . . 0
Automatic Ext. Texts . . . Qty. on Sales Order . . 7
Created From Nonstoc... Qty. on Service Order . . 0
Item Category Code Service Item Group
Product Group Code Blocked
Last Date Modified . . . 11.12.10

Item Sales Purchases **Functions** Help

Functions Help

Create Stockkeeping Unit
Calculate Counting Period
Apply Template...

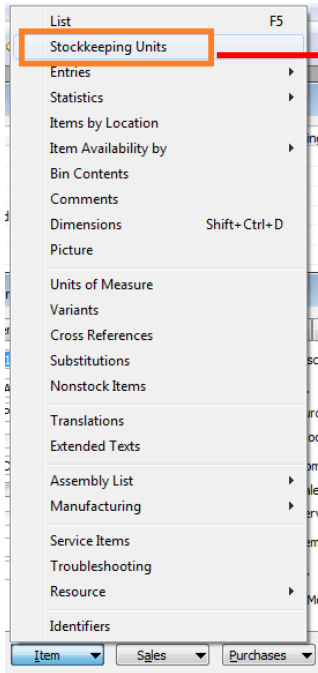
Create Stockkeeping Unit

Item Options

| Field | Filter |
|-------------------------|-------------|
| No. | 1920-S |
| Inventory Posting Group | |
| Location Filter | BLUE |
| Variant Filter | |

OK Cancel Help

SKU list



See all (filter „killer“)



A screenshot of a 'Stockkeeping Unit List' window. The window title is 'Stockkeeping Unit List'. It contains a table with the following columns: 'Item No.', 'Variant Code', 'Location Code', 'R... S...', 'Description', and 'Inventory'. The table lists various items, including 'Base', 'Top Panel', 'Rear Panel', 'Manual for Loudspeakers', 'Stand for Loudspeakers', and 'Loudspeakers'. The item '1920-S' is highlighted with a red box, showing an inventory of 38.

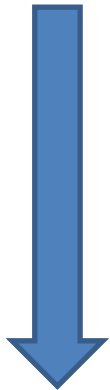
| Item No. | Variant Code | Location Code | R... S... | Description | Inventory |
|-----------|--------------|---------------|-----------|-------------------------------|-----------|
| 70001 | | BLUE | P.. | Base | 2 310 |
| 70001 | | YELLOW | T.. | Base | 15 |
| 70002 | | BLUE | P.. | Top Panel | 2 508 |
| 70002 | | YELLOW | T.. | Top Panel | 3 |
| 70003 | | BLUE | P.. | Rear Panel | 2 094 |
| 70003 | | YELLOW | T.. | Rear Panel | 31 |
| LS-MAN-10 | | SILVER | P.. | Manual for Loudspeakers | 0 |
| LS-MAN-10 | | WHITE | P.. | Manual for Loudspeakers | 140 |
| LS-S15 | | SILVER | T.. | Stand for Loudspeakers LS-150 | 0 |
| LS-S15 | | WHITE | T.. | Stand for Loudspeakers LS-150 | 60 |
| LS-10PC | LS-10PC-B | SILVER | P.. | Loudspeakers, White for PC | 0 |
| LS-10PC | LS-10PC-B | WHITE | P.. | Loudspeakers, White for PC | 0 |
| LS-120 | | SILVER | P.. | Loudspeaker, Black, 120W | 0 |
| LS-120 | | WHITE | P.. | Loudspeaker, Black, 120W | 6 |
| LS-150 | | SILVER | P.. | Loudspeaker, Cherry, 150W | 0 |
| LS-150 | | WHITE | P.. | Loudspeaker, Cherry, 150W | 8 |
| LS-2 | | SILVER | T.. | Cables for Loudspeakers | 0 |
| LS-2 | | WHITE | T.. | Cables for Loudspeakers | 200 |
| LS-75 | LS-75-B | SILVER | P.. | Loudspeaker, Cherry, 75W | 0 |
| LS-75 | LS-75-B | WHITE | P.. | Loudspeaker, Cherry, 75W | 0 |
| 1920-S | | BLUE | P.. | ANTWERP Conference Table | 38 |
| 1928-S | | YELLOW | P.. | AMSTERDAM Lamp | 97 |
| 1972-S | | YELLOW | P.. | MUNICH Swivel Chair. yellow | 90 |

Creation of the second SKU (RED)

| Field | Filter |
|-------------------------|--------|
| No. | 1920-S |
| Inventory Posting Group | |
| Location Filter | RED |
| Variant Filter | |

Quantity in both locations (SKU) are the same as before
Items by location were :

| No. | Description | BLUE | GREEN | RED |
|----------|----------------------------|------|-------|-----|
| ▶ 1920-S | ANTWERP Conference Table | 38 | 65 | 3 |
| 1924-W | CHAMONIX Base Storage Unit | 1 | 8 | 2 |



| Item No. | Variant Code | Location Code | R... S... Description | Inventory |
|----------|--------------|---------------|------------------------------|-----------|
| ▶ 1920-S | | BLUE | P.. ANTWERP Conference Table | 38 |
| 1920-S | | RED | P.. ANTWERP Conference Table | 3 |

SKU Card is more simpler than original Item Card

- SKU has priority over original Item Card

BLUE 1920-S - Stockkeeping Unit Card

General Invoicing Replenishment Planning Warehouse

Item No. 1920-S
Description ANTWERP Conference Table
Location Code. BLUE
Variant Code
Bill of Materials
Shelf No. D6

Inventory. 38
Qty. on Purch. Order 0
Qty. on Prod. Order. 0
Qty. in Transit 0
Qty. on Component Lines 0
Qty. on Sales Order 0
Qty. on Service Order 0
Last Date Modified 03.10.14

SKU Item Functions Help

BLUE 1920-S - Stockkeeping Unit Card

General Invoicing Replenishment Planning Warehouse

Standard Cost 328,00
Unit Cost 311,60
Last Direct Cost 328,00

SKU Item Functions Help

BLUE 1920-S - Stockkeeping Unit Card

General Invoicing Replenishment Planning Warehouse

Replenishment System. Purchase

Purchase

Vendor No. 20000
Vendor Item No. 20-122
Lead Time Calculation

Transfer

Transfer-from Code

Production

Manufacturing Policy Make-to-Stock
Flushing Method. Manual
Components at Location.
Lot Size. 0

SKU Item Functions Help

BLUE 1920-S - Stockkeeping Unit Card

General Invoicing Replenishment Planning Warehouse

Reordering Policy Fixed Reorder...
Include Inventory

Reorder Cycle.
Safety Lead Time
Safety Stock Quantity 10
Reorder Point 15
Maximum Inventory 0
Reorder Quantity 0
Minimum Order Quantity. 0
Maximum Order Quantity 0
Order Multiple. 0

SKU Item Functions Help

Item Card <->SKU Card

1920-S ANTWERP Conference Table - Item Card

General Invoicing Replenishment Planning Foreign Trade Item Tracking E-Commerce Warehouse

No. 1920-S Search Description ANTWERP CONF...

Description ANTWERP Conference Table Inventory. 96

Base Unit of Measure PCS Qty. on Purch. Order 0

Bill of Materials Qty. on Prod. Order 0

Shelf No. D6 Qty. on Component Lines 0

Automatic Ext. Texts Qty. on Sales Order 7

Created From Nonstoc... Qty. on Service Order 0

Item Category Code. Service Item Group

Product Group Code. Blocked.

Last Date Modified 11.12.10

Item Sales Purchases Functions Help



BLUE 1920-S - Stockkeeping Unit Card

General Invoicing Replenishment Planning Warehouse

Item No. 1920-S Inventory. 38

Description ANTWERP Conference Table Qty. on Purch. Order 0

Location Code. BLUE Qty. on Prod. Order 0

Variant Code Qty. in Transit 0

Bill of Materials Qty. on Component Lines 0

Shelf No. D6 Qty. on Sales Order 0

Qty. on Service Order 0

Last Date Modified 03.10.14

SKU Item Functions Help

1920-S ANTWERP Conference Table - Item Card

General Invoicing Replenishment Planning Foreign Trade Item Tracking E-Commerce Warehouse

Reordering Policy Fixed Reorde... Reorder Cycle.

Include Inventory Safety Lead Time

Reserve Optional Safety Stock Quantity 20

Order Tracking Policy None Reorder Point 15

Stockkeeping Unit Exists. Reorder Quantity 0

Critical Maximum Inventory 0

Minimum Order Quantity 0

Maximum Order Quantity 0

Order Multiple 0

Item Sales Purchases Functions Help



BLUE 1920-S - Stockkeeping Unit Card

General Invoicing Replenishment Planning Warehouse

Reordering Policy Fixed Reorde... Reorder Cycle.

Include Inventory Safety Lead Time

Safety Stock Quantity 10

Reorder Point 15

Maximum Inventory 0

Reorder Quantity 0

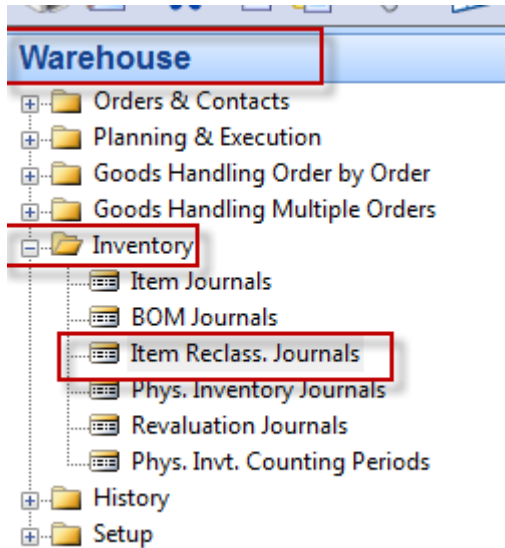
Minimum Order Quantity 0

Maximum Order Quantity 0

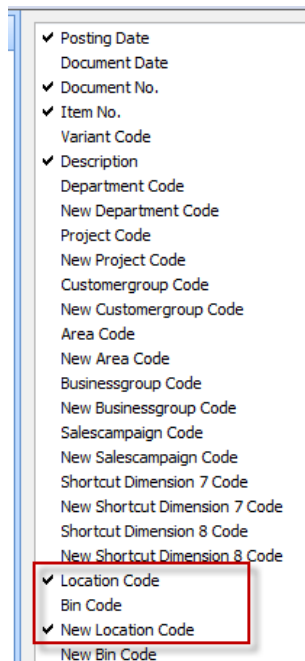
Order Multiple 0

SKU Item Functions Help

Transfer from SKU Blue->SKU Red



By use of Show Column add to the Item Reclass. Journal New Location Code field !!!!

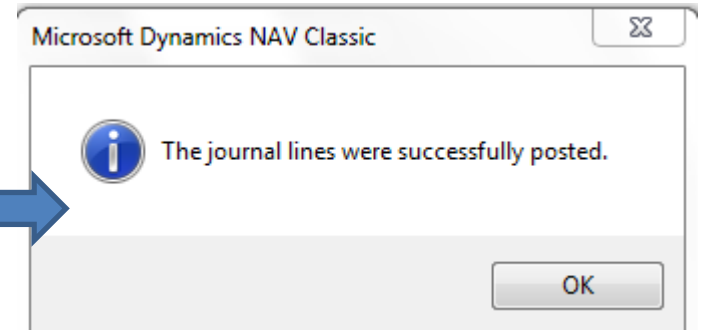
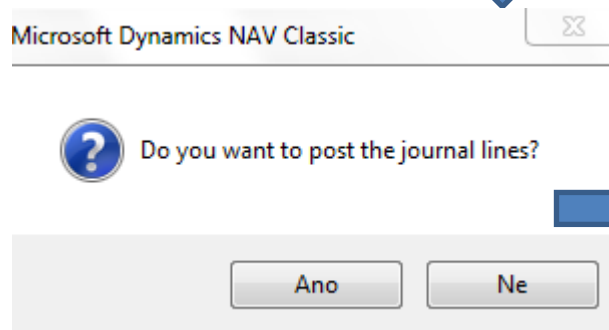


Transfer from SKU Blue->SKU Red

Batch Name DEFAULT

| Posting Date | Document No. | Item No. | Description | Location Code | New Location Code | Quantity | Unit of Measure Code |
|--------------|--------------|----------|--------------------------|---------------|-------------------|----------|----------------------|
| 26.01.12 | T01003 | 1920-S | ANTWERP Conference Table | BLUE | RED | 7 | PCS |

F11



Item Ledger Entries and SKU cards

| Posting Date | Entry Type | Document Type | Document No. | Item No. | Description | Location Code | Quantity | Invoiced Quantity | Remaining Quantity | Sales Amount (Actual) | Cost Amount (Actual) | Co (N |
|--------------|---------------|----------------|--------------|----------|-------------|---------------|----------|-------------------|--------------------|-----------------------|----------------------|-------|
| ▶ 31.12.11 | Positive A... | | START | 1920-S | | BLUE | 38 | 38 | 30 | 0,00 | 11 840,80 | |
| 31.12.11 | Positive A... | | START | 1920-S | | RED | 8 | 8 | 2 | 0,00 | 2 492,80 | |
| 31.12.11 | Positive A... | | START | 1920-S | | GREEN | 67 | 67 | 65 | 0,00 | 20 877,20 | |
| 03.01.12 | Negative ... | | W1-01 | 1920-S | | | -10 | -10 | -10 | 0,00 | -3 280,00 | |
| 12.01.12 | Sale | Sales Shipment | 102007 | 1920-S | | RED | -2 | 0 | 0 | 0,00 | 0,00 | |
| 13.01.12 | Sale | Sales Shipment | 102009 | 1920-S | | GREEN | -2 | -2 | 0 | 840,80 | -656,00 | |
| 17.01.12 | Sale | Sales Shipment | 102014 | 1920-S | | RED | -1 | 0 | 0 | 0,00 | 0,00 | |
| 22.01.12 | Sale | Sales Shipment | 102020 | 1920-S | | RED | -1 | 0 | 0 | 0,00 | 0,00 | |
| 26.01.12 | Sale | Sales Shipment | 102028 | 1920-S | | RED | -1 | 0 | 0 | 0,00 | 0,00 | |
| 26.01.12 | Transfer | | T01001 | 1920-S | | BLUE | -1 | -1 | 0 | 0,00 | -311,60 | |
| 26.01.12 | Transfer | | T01001 | 1920-S | | RED | 1 | 1 | 1 | 0,00 | 311,60 | |
| 26.01.12 | Transfer | | T01002 | 1920-S | | RED | -1 | -1 | 0 | 0,00 | -311,60 | |
| 26.01.12 | Transfer | | T01002 | 1920-S | | BLUE | 1 | 1 | 1 | 0,00 | 311,60 | |
| 26.01.12 | Transfer | | T01003 | 1920-S | | BLUE | -7 | -7 | 0 | 0,00 | -2 181,20 | |
| 26.01.12 | Transfer | | T01003 | 1920-S | | RED | 7 | 7 | 7 | 0,00 | 2 181,20 | |

| Item No. | Variant Code | Location Code | R... S... | Description | Inventory |
|----------|--------------|---------------|-----------|--------------------------|-----------|
| ▶ 1920-S | | BLUE | P... | ANTWERP Conference Table | 31 |
| 1920-S | | RED | P... | ANTWERP Conference Table | 10 |

38-7=31 AND 3+7=10

End of the section VIII.

