BOM Basics

Purpose
This page has been created to provide a brief overview on the basics for bill of materials.

BOM definition
A bill of material is a complete, formally structured list of the components that make up a product or assembly. The list contains the object number of each component, together with the quantity and unit of measure.” (German standard (DIN) number 199, part 2, number 51)

Transactions
CS01 Create BOM
CS02 Change BOM
CS03 Display BOM

BOM types
- **Material BOM**: represents the structure of products that are manufactured
- **Document BOM**: combines multiple documents (drawings, designs, manuals) into a single information record
- **Sales order BOM**: represents the specific BOM used to manufacture a product for a specific sales order
- **Equipment BOM**: describes the structure of equipment and to assign spare parts to equipment for maintenance purposes
- **Functional location BOM**: groups together the elements of a technical structure, such as the functional unit of an entire plant.
- **Work breakdown structure (project) BOM**: BOM with Reference to a Production Lot
- **Standard BOM**

Item categories
- Stock item (L)
- Non-stock item (N)
- Document item (D)
- Text item (T)
- Class item (K)
- Variable size item (cut to size) R

Technical type of BOMs
- **Multiple BOM (M)**: (also called BOM group) groups together several BOMs that describe one object (for example, a product) with different combinations of materials for different processing methods. BOM header will be same , components in alternatives will be different.
- **Variant BOM(V)**: groups together several BOMs that describe different objects (for example, products) with a high proportion of identical parts. BOM header will be different, with almost same set of components, very few components will be changed.

Area of validity
- **Group BOM**: a material BOM created without reference to any plant
- **Plant specific BOM**: a material BOM restricted to that plant only

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