Inhaltsverzeichnis

5. Structure Manager	3
5.1. basics	3
5.1.1. introduction	3
5.1.2. opening the structure manager	3
5.1.3 Overview of the UI	4
5.1.4. Anpassen der Oberfläche	5
5.2 Introduction to the Structure Manager	5
5.2.1. change status rule	5
5.2.2. precise / imprecise assembly structures	7
5.3 Working with the Structure Manager	8
5.3.1. creating a structure	8
5.3.2. create a structure object	8
5.3.3 Creating components	9
5.3.4 Changing and deleting components	10
5.3.5 Replacing components	10
5.3.6. item numbers and quantities	11
5.3.7. packed display of lines	11
5.3.8. forced components	12
5.3.9. arrangements	12
5.3.10. Structural component properties	13
5.3.11. Capturing configurations	14
5.4. comparison of product structures	15
5.4.1. basics	15
5.4.2. procedure	16
5.5 Working with "auxiliary parts" and non-geometric parts	17
5.5.1 Overview	17
5.5.2 Non-geometric parts	17
5.5.3 "Auxiliary parts"	20
5.5.4 Display in the Structure Manager	20

5. Structure Manager

5.1. basics

5.1.1. introduction

The Structure Manager allows you to create general product structures (BOM = Bill of Material) that can be configured to display the product structure at a specific time or for a specific unit, such as

- The valid component structure of an assembly
- A specific approved manufacturing design of the product
- The current design structure in product development
- The product structure that was valid on a certain date
- A specific variant of a product

By creating a single generic structure that can then be configured to meet individual user requirements, assembly structures do not need to be duplicated. This avoids the associated problems of maintenance, redundant information and search complexity. The list is similar to the bill of materials that design departments use to list manufacturing information.

5.1.2. opening the structure manager

Start the Structure Manager (PSE) in the navigation window of the TC Client.



This opens the application with a new and empty window.



To open an existing BOM view revision status (BVR = BOM View Revision) in the Structure Manager, use one of the following options:

• Double click on the parts list view (View)



• Right mouse button on selected item / item revision or view → Send to → structure management

ERI	ď	Ausschneiden	Strg+X		
X.0001.8	D	Kopieren	Strg+C	L	
X.0001.8 X.0001.8		Bericht erstellen		L	
X.0004.4		Öffnen mit	•		
04.0527		Senden an	×.		Berichterstellung
		Einchecken/Auschecken	۱.	-2	Beziehungs-Browser
	_			9	Fertigungsprozessplanung
	\$1	Aktualisieren	F5	1	Lifecycle-Viewer
	i	Eigenschaften bearbeiten		■	Mehrfachstücklistenverwaltung
	8	Zugriff		۲	Mein Teamcenter
		Projekt	+	٨	Multi-Structure-Management
		Zu Favoriten hinzufügen		7	Struktur-Management
	_			• <mark>0</mark> •	Workflow Viewer
				ġ.	Zeitplan-Management

5.1.3 Overview of the UI

	X.0000.3311-00 STA	ENDERBAUGRUPPE (Ansicht) - Latest Workir	ng - Datum - "Heute" 🔁	
	Stücklistenein	trag Regel konfigurie	. 🛆 Elementär	nderungsstatus Po	
	A.0000.3311-00	STAEND	ER		
	i∰∰ X.0000.3011-	-00 SCH Hat Status(Beliebi	ig ER	10	
	🖶 💣 X.0000.2875-	-00 GEG Hat Status(Beliebi	ig ER	20	
	🖨 💣 X.0000.3390-	-00 TEM Hat Status(Beliebi	ig ER	30	
	₽ <i>₫</i> X.0000.30	600-00 K Hat Status(Beliebi	ig ER	10	
		0.2952 Hat Status(Beliebi	ig ER 🦱	10	
		0.3115 Hat Status(Beliebi	ig ER 🍯	20	
1.	Display of the assembly stru	ucture in the form of ex	(pandable tre	ee diagrams in list form	
	Display of the columns can	be configured as desire	ed.		
2.					
3.	Usually corresponds to the openative auxiliar	design structure comin	g from the C	AD \rightarrow However, components	without
	geomea y (addicive, duxiliar	j materials, m) can als			



5.1.4. Anpassen der Oberfläche



5.2 Introduction to the Structure Manager

5.2.1. change status rule

For each BOM entry in the structure, this configuration method determines the change status of the associated element, which is configured according to the change status attributes - for example, **release status, validity, or owner**. When you open a structure in the Structure Manager, a change status rule is always active. This rule consists of various parameters, which Teamcenter uses for evaluation. According to the criteria defined in the change status rule, an available change status is

provided for each element in the structure. If no change statuses are found, the Structure Manager displays three question marks ??? for the corresponding entry and the structure cannot be extended beyond this point.

[🔊 Struktur-Management 🛛			
	X.0000.3311-00 STAENDERBAUGRUPP	E (Ansicht) - Latest Wo	rking - Datum - "Heute"	
	Stücklisteneintrag	Regel konfiguriert v	Elementänderungsstatus	P
	X.0000.3311-00 STAENDERBAUG		ER	
	ⓑ 💣 X.0000.3011-00 SCHMIERUN	Hat Status(Beliebig	ER	10
	🖶 💣 X.0000.2875-00 GEGENLAGE	Hat Status(Beliebig	ER	20

Komponente	Änderungsstand	Status	Laderegel
	Revision 1	Gesperrt	Alter Stand
Komponente	Revision 2	Produktiv	Aktueller Stand
	Revision 3		Zukünftig. Stand

Assembly structures can be changed in the Structure Manager to

- specific times
- with certain characteristics

can be considered at any time.

Future developments can also be taken into account by indicating new revisions that are still in progress.



When you open a structure in the Structure Manager, **always** a change status rule is active. To apply a change status rule to the current product structure, use the icon in the toolbar or call the following menu function \rightarrow **Tools** \rightarrow **Change status rule**.

5.2.2. precise / imprecise assembly structures

7/26

The Structure Manager allows you to create and manage the following assembly accuracies:

Imprecise assemblies → are dynamic element structures

An imprecise assembly contains links (items) to parts of its component.

With imprecise assemblies you can see the product structure (BOM) that is configured with the relevant element change statuses. The change status rule selected for the window is taken into account.

Precise assemblies \rightarrow are fixed structures of specific part change states

A precise assembly contains links (items) to elementary change states of its component. If you change a component to a new change status, you must update the assembly manually so that the old change status of the component is removed and the new change status is added.

(In the future, FFG will work with imprecise assembly structures)



Precise assemblies are helpful in the case of prescribed, so-called revision control, such as in the case of safety-relevant or documentation-obligatory products. Changes to approved precision assemblies always result in a revision of the entire assembly.

5.3 Working with the Structure Manager

5.3.1. creating a structure

You can create the product structure manually in Teamcenter, import it from the CAD system or clone an existing structure to use it as a basis for a structure. Generally, assemblies are created in the MCAD system and transferred to Teamcenter.

Create an assembly in Teamcenter Structure Manager:

```
a.
b. Send an existing item revision in the context menu with \rightarrow Send to \rightarrow Structure Management.
Now the components can be added.
```

In both cases, a BOM view is automatically assigned to the revision, following the change status rule.

The designer creates his assembly in the integrated CAD system and saves it in Teamcenter. This means that all modifications in the native CAD design are automatically saved and synchronized in Teamcenter.

5.3.2. create a structure object

Create a new BOM view change status directly on a previously selected item revision in the menu **File** \rightarrow **New** \rightarrow **BOM view change status** or CTRL+B.

9/26	Printed on 2025/07/06 19:24
찿 Neuer Änderun	gsstand der Stücklistenansicht
گا ت	
	stellen neuer Änderungsstand der SLA für: ement-ID / Änderungsstand-ID - Name
MEProcess X.	0000.3091 / 00 - ABSTECKBOLZEN
■L ^C Erst MESetup	ellt als: Präzise Unpräzise Die Liste der Ansichtstypen zeigt all verfügbaren Ansichtstypen auf Grundlage der eingegebenen Element- und Änderungsstand-IDs an. Wenn eine beliebige ID ungültig ist oder alle Ansichtstypen verwendet werden,
	ist die Liste der Ansichtstypen leer. Sie können eine andere ID eingeben wodurch die verfügbaren Ansichtstypen ermittelt und angezeigt werden.
Mehr	✓ Beim Erstellen öffnen
	OK Anwenden Abbrechen
View Type	An attribute of a BOM view change state that indicates its purpose (such as design, manufacturing). The administrator can define any number of view types.
Change Status	Element ID and Change Status ID
precision option	Definition of a precise or imprecise structure

5.3.3 Creating components

Once the assembly structure is created, the component can be added using various approaches.

1.	Create item with File → New → Item
2.	Copy / Paste method: a.) Copy the component (or subassembly) to "My Teamcenter" (CTRL+C) b.) Switch to the Structure Manager c.) Select the line under which the component is to be inserted d.) Paste with (CTRL+V)
3.	Quickly add components from the status bar Menu \rightarrow Edit \rightarrow Add

2025/07/06 19:24

👌 Hinzufügen	23	J			
Hinzufügen zu:	•				
Hinzuzufügende Komponente:		💆 N	lach Namen öffne	en	×
Element-ID: X.0000.0005	Änderungsstand: 00 🔻	Nam	e		
Elementname: MAIN SPINDLE		ID	X.*	-2-	Suchen
Name: X.0000.0005 MAIN SPINDLE					
Ansichtstyp:		ОБј	ekt	Тур	Beziehung I
			X.0000.2881 KAB	FFG Engineering	tem (
			X.0000.2883 PLU X.0000.2884 PNF	FFG Engineering	item (
Als Ersetzung des ausgewählten Eintrags		3	X.0000.2886 HA	FFG Engineering	Item 3 0
Als neue Ebene oberhalb der ausgewählten Einträge		31	X.0000.2887 BEF	FFG Engineering	ltem (
		•			4
Anzahl Positionen		2629	8 Objekt(e) gefun	den (26-30 angez	e 📢 🕨 🗐 🐚
Anzahl pro Position				-	
Positionsnummer 40					
OK Anwenden Löschen	Abbrechen				
1. Open object by name					
2. Search Item-ID					
3. Open the corresponding item with a do	ouble click				
4. Select desired change status					
5. Define number of positions					
6. Assign position number					

5.3.4 Changing and deleting components

×	Delete Component Removes the selected component and deletes the item from the database irretrievably!
	The selected component is removed This action only affects the removal of the component from the assembly structure. The data record of the component is retained.

5.3.5 Replacing components

1.	Menu item \rightarrow Edit \rightarrow Replace (without)		
	The selected component is immediately replaced with the one from the clipboard.		
2. Menu item \rightarrow Edit \rightarrow Replace			
	A selection dialog appears in which the element ID of the replacing component can be entered. If the replacing component is contained in the clipboard, the fields for the element ID and change status are already filled in. You can change the ID if necessary, but not the part name; the part name is derived from the part ID entered		

11/26

Ersetzen]	
Original X.0000.2945-00 STAUFFSCHELLE	🎐 Nach Namen öffnen	x
Ersatz Element-ID: Änderungsstand:	Name 2 ID X.* Suchen	
Elementname: Name: Ansichtstyp: Ersetzen	Objekt Typ Beziehung Eig X.0000.0002 LO FFG Engineering Item Do X.0000.0003 PIN FFG Engineering Item Do X.0000.0004 HO FFG Engineering Item Do X.0000.0005 MAI FFG Engineering Item Do Y.0000.0005 MAI FFG Engineering Item Do	gent Grupp Ie, Jo ELFFG Ie, Jo ELFFG Ie, Jo ELFFG Ie, Jo ELFFG IFFG
1. Open object by name	<u></u>	
2. Search Item-ID		
 Open the corresponding item with a double click 		
4. Select desired change status		
5. Define replacing object		
<mark>6.</mark> Confirm process		

5.3.6. item numbers and quantities

An adjustment of the position numbers (also Search Number / Find No.) causes an update of the display sequence of the BOM structure.

	Stücklisteneintrag	Regel konfiguriert v	Elementänderungsstatus	Pos.	Menge	Maßeinheit
6	X.0000.2996-00 HALTERUNG (An		ER			
	🖉 🛷 X.0000.3091-00 ABSTECKBOL	Hat Status(Beliebig	ER	10		jede
		Hat Status(Beliebig	ER	20		jede
	X.0000.2945-00 STAUFFSCHE	Hat Status(Beliebig	ER	30		jede

If no special unit of measurement is defined in the item, the system uses the unit of measure Every/Each. In the system, the default entry **Each** is configured to **Piece**. The specified value must be an **integer**.

A unit of measure at the item (not in the structure) cannot be changed afterwards, as long as this is built into a structure!

The Quantity column is the total quantity represented by the item, which is greater than one if the item is compressed or if the component serves as a collective item.

5.3.7. packed display of lines

Stücklisteneintrag 000008/A;1-BG (Ansicht) 000012/A;1-Komp3 (Ansicht)	Select the lines that you want to pack or unpack. The item number (search number) must be identical for all components.
8 Po.	Perform packing / Unpack selected lines
Stücklisteneintrag > 000008/A;1-BG (Ansicht) > 3000012/A;1-Komp3 (Ansicht) × 2	Result

5.3.8. forced components

CAD components which are positioned in the CAD system with an assembly constraint are marked with a corresponding icon in the Structure Management and receive the attribute Position constrained = TRUE in the structure component properties.

Stücklisteneintrag	Regel konfiguriert v	Elementänderungsstatus	Pos.	Menge	Maßeinheit	Position zwangsbedingt
X.0001.8631-00 MULTI SPINDLE HEAD (Ansicht)						Falsch
🖨 🛷 X.0001.8637-00 ABSTECKBOLZEN (Ansicht)	In Arbeit()		10		jede	Falsch
X.0001.8644-00 ZYLINDERSCHRAUBE	In Arbeit()		10		jede	💿 Wahr
	In Arbeit()		20		jede	💿 Wahr
Time 2001.8644-00 ZYLINDERSCHRAUBE	In Arbeit()		30		jede	💿 Wahr
Time Transformed Street	In Arbeit()		40		jede	💿 Wahr
Time 2001.8644-00 ZYLINDERSCHRAUBE	In Arbeit()		50		jede	💿 Wahr
	In Arbeit()		60		jede	💿 Wahr
🖨 💣 X.0001.8637-00 ABSTECKBOLZEN (Ansicht)	In Arbeit()		20		jede	Falsch
T.0001.8644-00 ZYLINDERSCHRAUBE	In Arbeit()		10		jede	💿 Wahr
	In Arbeit()		20		jede	💿 Wahr

5.3.9. arrangements

In CAD, you can define arrangements to determine alternative items for components in the assembly and save these alternatives with the assembly. For example, the assembly of a machine can have several arrangements if individual components are to represent different usage positions of the machine.

The position of certain components is overwritten accordingly. You can also suppress components in a particular arrangement, for example, to hide ejectors. If you manage an assembly with arrangements in Teamcenter, each component in CAD has a corresponding position in Teamcenter and each overwriting or suppression has a corresponding absolute position.

If the structure contains orders, permanent transformations are applied to all orders by default.

5.3.10. Structural component properties

You can add non-geometric components to assemblies in the MCAD system or in Structure Management. These do not have geometry for display in the graphics window of the CAD system. Examples of non-geometric components are

- Lacquer
- Adhesive
- Lubricants
- Hydraulic fluids
- Instruction leaflet

A component used only as reference is removed from the parts list of its parent component in the MCAD system and from the view of its parent component in Teamcenter Structure Manager. Examples for reference components are

- Auxiliary or dummy parts
- Supplied or purchased parts whose structure is used in CAD, but is purchased as a complete part. Therefore, only one item should appear in the BOM.

In the CAD system NX the properties of the corresponding components can be defined. A multiple selection is possible.

	Right click	on desire	ed part	→ Prope	erties							
	Compor	nent Proper	ties			Ċ	×					
	Assembly	Attributes	Weight	Part File	General	Parameters						
	General					v	=					
	Compone	ent				^	-					
	Compo Compo	onent is Refer onent is Non-	ence-Only Geometric									
				ОК	Арр	ly Cance	1					
\bigcirc	Componen	t serves e	exclusiv	ely as r	eferenc	e						
	🗹 🍞 X.0001.8	644-00 ZYLIND	ERSCHRAU	3E X.00	01.8644	C	00	\bigcirc	ZYLIND	ERSCHRAU	IBE	
8	Componen	t is not g	eometri	c								
	⊡ [] 🔂 X.000	1.8642-00			X.00	001.8642			00			

In Teamcenter Structure Manager the reference components are not displayed. Of course, this also applies to the components suppressed in the MCAD system.

The non-geometric components get the attribute UG-Geometry=NO and are marked with a special icon. Components with a UOM <> each (each)/piece are automatically loaded into the CAD as reference components.

13/26

If a sub-assembly is marked as non-geometric, all underlying components are not loaded into NX either.

Stücklisteneintrag	GEOMETRIE
🔗 X.0001.8631-00 MULTI SPINDLE HEAD MEHRSI	PINDELKO
I → J X.0001.8637-00 ABSTECKBOLZEN (Ansicht)	
🖶 🛷 X.0001.8637-00 ABSTECKBOLZEN (Ansicht)	
🖨 🚰 🌆 X.0001.8642-00 (Ansicht)	NO
🗄 💣 X.0001.8633-00 (Ansicht)	

Altreps (alternative representations) can be used to define different physical configurations or shapes of a flexible part (for example, a tube or hose).

In Teamcenter Structure Manager, alternative representations of components are defined and displayed using the column UG ALTREP.

📝 Struktur-Management 🗙							3
I000007/A;1-Base Assembly (Ansicht) - Latest Wor	'king - Datum - "	Heute"					3
Stücklisteneintrag	Elementtyp	Regel konfiguriert von	Pos.	Element	UG-GEOMETRIE	UG ALTREP	
I000007/A;1-Base Assembly (Ansicht)	Element						
	Element	In Arbeit()	10			I000004-A_A01	1
	Element	In Arbeit()	20				1
	Element	In Arbeit()	30				٩,
- 🤣 🗇 I000008/A;1-Assembly instruction	Element	Hat Status(Beliebiger Fr	40	30	NO		À
1000010/A:2-E-Assy F63v (Ansicht)	Element	In Arbeit()	50				5

5.3.11. Capturing configurations

Teamcenter has, among others, the following formats for permanently recording the configuration of a structure.

5.3.11.1. Snapshot

A snapshot is a workspace folder that stores a reference to all element change states **contained in a** configured structure.

You can use a snapshot to save the product structure with a particular configuration and implemented change state rules and display it again at a later time by sending the snapshot folder to the Structure Manager. However, all change statuses that have not been released can be changed, such as linked data and CAD models.

For this reason, it makes sense to create snapshots only of completely released product structures!

5.3.11.2. Snapshot manuell erstellen

1.	Configure the structure to be saved by applying the corresponding change status rule.
2.	Create via \rightarrow File \rightarrow New \rightarrow Snapshot
	Schnappschuss erstellen
	Name * Beschreibung
	OK Abbrechen
3.	A new folder (type Snapshot) with the referenced snapshot data is stored in the folder "Newstuff".
4.	It is recommended to attach the snapshot to an element change status. a.) Copy the snapshot folder to the clipboard b.) Select the element modification state and choose \rightarrow Edit \rightarrow Insert content c.) Select the type 2D snapshot and confirm the dialog
	You open a snapshot by simply sending it to the Structure Manager.

5.3.11.3. Baseline

Baselines correspond approximately to a development status documentation, which contains a copy of the entire "in progress" data for the structure.

With a baseline, Teamcenter creates a new dataset and attaches a copy of the configured structure to it. Teamcenter creates a new change status in the structure for each unreleased change status and releases it with a predefined status, for example with the status Baseline. A baseline change state rule is then applied to the base configuration (for example to change states with the status Production) and all new change states created by "Baseline" are also added. This procedure configures a fully released structure and thus ensures that the models are always the same at the time of baseline creation.

Create baselines sparingly, as each baseline creates a fully released structure and thus (possibly) many new element change states and copies of the linked data and CAD models are created!

5.4. comparison of product structures

5.4.1. basics

With the command **"Compare"** you can display and compare the structural differences. The comparison is performed on the extended structure and you can select the areas of the structure to be compared. You can define the **change status rule** and the **variant rule** separately for each structure, allowing **different configurations** to be compared.

The comparison determines the differences in number and change status in three modes:

1. Single-level

Compares only the first level of product structures.

2. Multilevel

Performs a one-step comparison at the top level and then performs further one-step comparisons on the subassemblies that occur in the two product structures.

3. Low level only

Compares only the parts at the lowest level in the product structure, ignoring any assemblies that exist above it in the meantime. This is useful for checking whether individual parts are consistent.

5.4.2. procedure

You can use these comparisons

- Detect component differences between assemblies
- Perform consistency check between multiple views of the same part
- Determine differences between different configured structures

preparation:

1.	Load the first module as usual
2.	Splitting windows
3.	Possibly click on the empty window to set it to active
4.	Load a second assembly from My Teamcenter
	Send to \rightarrow Structure Manager
5.	Menu item \rightarrow Tools \rightarrow Compare

An example of a single-level comparison with a BOM comparison report:

013031-00 WOE IT SPINDEE TIEND WEI IKSPI	INDELKOPF (Ansicht) - Latest Work	ing - Datum - Heute			A.0004.7079-00 WOLTI SPINDLE HEAD MEHRSPINDELKOP	'F (Ansicht) - Latest Work	ing - Datum - "Heute"	
Stücklisteneintrag	GEOMETRIE	Regel konfiguriert von	Eleme Pos.	Menge	Stücklisteneintrag	GEOMETRIE	Regel konfiguriert von	Eleme Pos. Meng
K.0001.8631-00 MULTI SPINDLE HEAD MEHE	RSPINDELKO				X.0004.7679-00 MULTI SPINDLE HEAD MEHRSPINDEL	ко		
🖗 X.0001.8637-00 ABSTECKBOLZEN (Ansich	t)	In Arbeit()	10	jer	🕀 🕣 X.0004.7680-00 ABSTECKBOLZEN (Ansicht)		In Arbeit()	10
X.0001.8637-00 ABSTECKBOLZEN (Ansich	t)	In Arbeit()	20	jer	📴 🝜 X.0004.7680-00 ABSTECKBOLZEN (Ansicht)		In Arbeit()	20
X.0001.8642-00 (Ansicht)		In Arbeit()	30	jer	🕀 🐨 🊰 🔂 X.0004.7684-00 X.0001.8642 (Ansicht)	NO	In Arbeit()	30
X.0001.8633-00 (Ansicht)		In Arbeit()	40	jer			In Arbeit()	40
1			Stückl Modus: Bericht	istenvergleich Einzelebene (n ☑ Anwenden	Abbrechen			
Stücklistenvergleichsbericht - X00	01 8631-00 MULTI SPINDLE HEAD I	MEHRSPINDELKOPE (Ansight)	-> X 0004 7679-00 N		HEAD MEHRSPINDELKOPE (Ansight) Finzelebene (mit Pos) I H Var: Kein I H Revolu	atest Working RH Var Kein F	RH Revel atest Working
nent-ID	Elementname	Pos.	· ////////////////////////////////////	ISE IT SPINDLE	Änderungsstand Anz	y conversion content Revie	Mehrfeldschlüs	sel-Informationen für Fleme
01.8637	ABSTECKBOLZEN	10			00->() 1->0		_=item id=V	0001.8637.object type
2210007	ABSTECKBOLZEN	10			()->00		,=item_id=X.	0004.7680.object_type
04.7680					0-21		/	
04.7680	ABSTECKBOLZEN	20			00->() 1->0		.=1tem 1d=X.	0001.8637.object type
04.7680 01.8637 04.7680	ABSTECKBOLZEN ABSTECKBOLZEN	20			()->00 0->1		,=1tem_1d=X.	0001.8637,object_type 0004.7680.object_type
04.7680 11.8637 04.7680 11.8642	ABSTECKBOLZEN ABSTECKBOLZEN X.0001.8642	20 20 30			00->() 1->0 ()->00 0->1 00->() 1->0	N	,=1tem_id=X. ,=item_id=X.	0001.8637,object_type 0004.7680,object_type 0001.8642.object_type

Printed on 2025/07/06 19:24

At the end the comparison can be removed again in the menu \rightarrow Tools \rightarrow Delete comparison.

5.5 Working with "auxiliary parts" and non-geometric parts

5.5.1 Overview

17/26

This specification provides for a single integrated structure, i.e. both the *"design view"* and the *"production view"* must be able to be mapped consistently in this structure.

An essential aspect of this concept is the fact that in the previous PLM system Agile there is a separate design structure *"document structure"* and a product structure *"article structure"* and these must be merged into an integrated overall structure.

The differences in the use of the components are called *"non-geometric parts"* and *"auxiliary parts"*.

5.5.2 Non-geometric parts

Non-geometric parts are those that are not included in the design structure, but are nevertheless procured via the product structure. Examples are glue, oil, or text items.

The CAD system NX is inherently capable of hiding parts without geometry or marking them as "nongeometric". For this purpose, the Occurence-Note **"UG GEOMETRY"** is set to the value **"NO"** at a revision in the BOMLine.

Example: The following assembly contains non-geometric parts (GEOMETRY=NO).

🚰 Struktur-Management 🔀			
X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHTUNG ((Ansicht) - Latest Work	ing - Datum - "Heute"	
Stücklisteneintrag	GEOMETRIE	SAP Transfer ∇	Pos.
X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHT			
🖶 💣 🌮 X.0000.2057-00 SWIVELLING CLAMP CYL. SCHWEN		N	10
🚽 🐨 🐨 X.0000.2058-00 CLAMPING IRON SPANNEISEN		N	10
		N	20
	NO		5
🚽 🐨 🐨 X.0000.2060-00 BASE PLATE GRUNDPLATTE			20
			30
			40
			50
X.0000.2064-00 WORKPIECE WERKSTUECK			60
			70
			80
🚽 🗗 X.0000.2067-00 SUB. DET. F. WELDMENT HILFSTEIL	. NO		90
	NO		100
	NO		110

The representation in NX looks as follows:



5.5.2.1 Setting non-geometric components in NX

In NX a component can be marked as non-geometric via RMB \rightarrow Properties \rightarrow *"Component is Non-Geometric"*.



5.5.2.2 Setting non-geometric components in Teamcenter

In Teamcenter a component can be set to non-geometric in the Structure Manager by setting the Occurrence Note **"GEOMETRY"** to **"NO"**.



5.5.3 "Auxiliary parts"

An **"auxiliary part "** is a part in a bill of material that is not to be transferred to the ERP system (SAP). Usually, such parts are used to group parts together or they are built into the structure for functional reasons. In general, these parts have geometry, i.e. they are displayed in the CAD system and used in the CAD structure. By default, Teamcenter/NX does not offer the possibility to mark such parts as *"non ERP-relevant"*. Therefore, the Occurrence-Note *"FFG4occSAPTransfer"* is introduced, which makes it clear to the SAP interface whether this node (component or whole sub-assembly) should be flitted out during the SAP transfer.

5.5.3.1 Logic for the SAP transfer

If the value "N" is set, the corresponding node is not transferred, that is, the entire branch is filtered out, regardless of whether the nodes below it have set the SAP transfer flag or not. If the flag has no value, the node is transferred to SAP.

Struktur-Management 🔀						
X.0000.2056-00 CLAMPING FIXTURE SPANNVOR	RICHTUNG (Ansic	ht) - Latest Wor	king - Datum - "H	leute"		
Stücklisteneintrag		GEOMETRIE	SAP Transfe	ar ∇	Pos.	Eig
🝠 X.0000.2056-00 CLAMPING FIXTURE SPANN	VORRICHT					
🖨 💣 X.0000.2057-00 SWIVELLING CLAMP CYL.	SCHWEN		N	10		
	NNEISEN		N	10		
🖉 🖉 X.0000.2059-00 HOUSING GEHAEUSE			N	20		
	NO			5		
	Notiz für X.0000.20	58-00 CLAMPIN	IG IRON SFANN	EISEN	l	×)
X.0000.2063-00 BRIDGE BRUECKE	ahängte Werteliste	N				
X.0000.2064-00 WORKPIECE WERK	jenangte wertenste					
X.0000.2065-00 INDEX INDEX N		Wert		Beschreibu	ng	
		N		No SAP Tra	nsfer	
🐨 🚰 🗇 X.0000.2067-00 SUB. DET. F. WEL						
2.0000.2058-00 CLAMPING IRON						
		ОК	Abbrech	en		
				-	-	

5.5.3.2 Marking "Auxiliary parts" in Teamcenter

In Structure Manager you can edit the value of the Occurrence Note by double-clicking on the corresponding column. Possible values are **"N**" or an empty field.

5.5.4 Display in the Structure Manager

In the Structure Manager, a structure can be filtered according to criteria. *ClosureRules* are used for filtering. In the preference *ClosureRulesForBomExpansion* those *ClosureRules* are defined, which can be used in the Structure Manager to display the structure. The structure itself is not changed.

5.5.4.1 Setting the view via the Closure Rule

A view in the Structure Manager can be set as follows: Tools → **"Set/display closing rule for**

enhancements "

沙 Struktur-Management - Tea	mcer	nter 12				
Datei Bearbeiten Ansicht 🛛	Werl	zeuge Fenster Hilfe				
🕅 🖌 🗈 💼 🗶		Einchecken/Auschecken	•	🖥 🌽 🕮 🍇 🔍 м 🔺 🕨 😻 🚳 т		
🕸 🕶 🎱 😁 Struktur		Projekt	•	FG / Plot - [dev00] [00002] [] [] [])		
		Änderungsstandregel	•	uktur-Management 🔀		
▼ Suchen		Gültigkeit	•	0 2056-00 CLAMPING EXTURE I SPANNVORRICHTUNG (Ansicht) - Latest Work	ing - Datum - "Heute"
×.0000.2056 ▼ Quick-Links	8	Abschlussregel für Erweiterung anzeigen/festlegen		Stücklisteneintrag	GEOMETRIE	SAP Transfer ∇
😓 Persönliche Ablage		Alle Verlaufs-Zeilen	•	.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHT X.0000.2057-00 SWIVELLING CLAMP CYL. SCHWEN		N
🗞 Meine Arbeitsliste		Exportieren	•			Ν
🗟 Meine gespeicherten Such 🌚 Meine Links	ġ	Baseline		2.0000.2059-00 HOUSING GEHAEUSE	NO	Ν
✓ Offene Elemente	3	Globale Alternativen verwalten Vergleichen		X.0000.2060-00 BASE PLATE GRUNDPLATTE		
💣 X.0000.2056-00 CLAMPIN		Vergleich löschen		X.0000.2063-00 BRIDGE BRUECKE		
X.0000.2056 CLAMPING FI	25	Grafischer Stücklistenvergleich		X.0000.2064-00 WORKPIECE WERKSTUECK		
🏷 Home 🛛	в,	Zwischenzeitliche Datenerfassung		X.0000.2065-00 INDEX INDEX		
		Aufstellungsbericht	Þ	X.0000.2066-00 PAD AUFLAGE	NO	
				X.0000.2059-00 CLAMPING IRON SPANNEISEN I X.0000.2059-00 HOUSING GEHAEUSE	NO	

The dialog for the closing rules opens:

,											
Abschlussregeln BOMExpandSkipByProjAssignmen BOMExpandProcessByProjectAssic BOMExpandSkipByItemType BOMExpandProcessByItemType	Beschreibung Bedingungsk	Beschreibung Skip expansion of BOMLine based on bomline property. The qualified BOMLine will be visi Bedingungsklauseln									
	Primäres	Sekundär	Verbunde	Aktionstyp	Bedingungsklausel						
BOMExpBrocessVariableItemType BOMExpProcessVariableItemType BOMExpandSkipByPartSource BOMExpandProcessByPartSource BOMExpandAlternativeScope FFG4BOMExpandProcessByPartTyj FFG4BOMExpandSkipByGeometry FFG4BOMExpandSkipBySAPTransf	BOMLine	Item	bl_item	SKIP	PRIMARY.FFG4occSAP	Fransfer=="N"					
		(Ж		Abbrechen	Festlegung der Regel aufh	nebe				

Select the desired rule and confirm it with **OK**.

The view is updated according to the rule.

	7 Struktur-Management 🔀					
ſ	X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHTUNG (.	Ansicht) - Latest Wor	king - Datum - "Heute"	- FFG4BOMExpand	dSkipBySA	\PTransfer
	Stücklisteneintrag	GEOMETRIE	SAP Transfer ∇	Pos.	Eig	Referenzkennung
I	X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHT					
I		NO		5		
I	🚽 💞 X.0000.2060-00 BASE PLATE GRUNDPLATTE			20		
I	700 X.0000.2061-00 BRIDGE BRUECKE			30		
I	🚽 🐨 X.0000.2062-00 INDEX INDEX			40		
I				50		
I	X.0000.2064-00 WORKPIECE WERKSTUECK			60		
I				70		
I	X.0000.2066-00 PAD AUFLAGE			80		
I	🛛 🛷 🗇 X.0000.2067-00 SUB. DET. F. WELDMENT HILFSTEIL	NO		90		
	ICON SPANNEISEN X.0000.2058-00 CLAMPING IRON SPANNEISEN	NO		100		
		NO		110		

To reset the view, press *"Cancel rule definition"* in the previous dialog.

Abschlussregeln	Beschreibung	Skip expans	ion of BOMLin	e based on bo	omline property. The qualified BOMLine will be visible.					
BOMExpandSkipByProjAssignmen BOMExpandProcessByProjectAssic BOMExpandSkipByItemType	Bedingungsk	Bedingungsklauseln								
BOMExpandProcessByItemType BOMExpandSkipByVariableItemTy BOMExpProcessVariableItemType	Primäres	äres Sekundär Verbunde Aktionstyp Bedingungsklausel								
	BOMLine	Item	bl_item	SKIP	PRIMARY.FFG4occSAPTransfer=="N"					
BOMExpandSkipByPartSource										
30MExpandProcessByPartSource										
FG4BOMExpandProcessByPartTy				1	1					
FG4BOMExpandSkipByGeometry FG4BOMExpandSkipBySAPTransf										

5.5.4.2 Examples

5.5.4.2.1 View of the unfiltered structure

📝 Struktur-Management 🔀					
X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHT	UNG (Ansicht) - Lates	t Working - Datum - '	Heute"		
ାନ୍ତି Stücklisteneintrag	GEOMET	RIE SAP Trans	fer $ abla$ Pos	s. Eig	Referenzkennung
F X.0000.2056-00 CLAMPING FIXTURE SPANNVORRIG	CHT				•
🖨 🛷 X.0000.2057-00 SWIVELLING CLAMP CYL. SCHV	VEN	Ν	10		
🚽 🖓 X.0000.2058-00 CLAMPING IRON SPANNEIS	EN	Ν	10		
2.0000.2059-00 HOUSING GEHAEUSE		N	20		
	NO		5		
X.0000.2060-00 BASE PLATE GRUNDPLATTE			20		
70 X.0000.2061-00 BRIDGE BRUECKE			30		
700 X.0000.2062-00 INDEX INDEX			40		
X.0000.2063-00 BRIDGE BRUECKE			50		
X.0000.2064-00 WORKPIECE WERKSTUECK			60		
			70		
2.0000.2066-00 PAD AUFLAGE			80		
🖉 🗇 X.0000.2067-00 SUB. DET. F. WELDMENT HIL	FSTEIL NO		90		
X.0000.2058-00 CLAMPING IRON SPANNEISE	EN NO		100		
	NO		110		

5.5.4.2.2 Design view

	GEOMETE		D Transfer ∇	Pos	Fig	Referenzkennung	Flementänderungss	Regel konfig
	GEOMET	ul 3A		FUS		Referenzkennung	Liementanderungss	Reger koning
A 0000.2050-00 CLAMPING FLATORE SPANNVORNICHT		Ν		10				In Arbeit()
X 0000 2058-00 CLAMPING IRON LISPANNEISEN		N		10				In Arbeit()
2 X.0000.2059-00 HOUSING I GEHAEUSE		N		20				In Arbeit()
X.0000.2060-00 BASE PLATE GRUNDPLATTE				20				In Arbeit()
700 X.0000.2061-00 BRIDGE BRUECKE				30				In Arbeit()
				40				In Arbeit()
				50				In Arbeit()
				60				In Arbeit()
				70				In Arbeit()
				80				In Arbeit()
	Deschreipung	SKID expans	IOD OF BUIVILIE	ie based on br	TELEVISION PROFESSIONAL CONTRACTOR			
BOMExpandSkipByProjAssignment BOMExpandProcessByProjectAssign BOMExpandSkipBytemType	Bedingungsk	lauseln			mine property. m	e quanneu boincine win be	visible.	
BOMExpandSkipByProjAssignment BOMExpandProcessByProjectAssign BOMExpandSkipByItemType BOMExpandProcessByItemType	Bedingungski Primäres	lauseln Sekundär	Verbunde	Aktionstyp	Bedingungsklaus		visible.	
BOMExpandSkipByProjAssignment BOMExpandProcessByProjectAssign BOMExpandSkipByItemType BOMExpandProcessByItemType BOMExpandProcessVariableItemType BOMExpandSkipByPartSource BOMExpandSkipByPartSource BOMExpandProcessByPartSource BOMExpandProcessByPartSource FFGBBOMExpandSkipByGeometry FFGBBOMExpandSkipByGeometry	Bedingungski Primäres BOMLine	lauseln Sekundär Item	Verbunde bl_item	Aktionstyp SKIP	Bedingungsklaus PRIMARY.UG GEG	el DMETRY=="NO"	visible.	

5.5.4.2.3 SAP view

📝 Struktur-Management 🔀													
X.0000.2056-00 CLAMPING FIXTURE SPANNVO	RRICHTUNG (Ansi	cht) - Latest Workir	ng - Datum - "Heute" -	FFG4BON	//ExpandSkipBy	SAPTransfer							
Stücklisteneintrag		GEOMETRIE	SAP Transfer ∇	P	os. Eig	. Re	ferenzkennung	Ele	ementänderungss	Regel konfiguriert von	Maßeinheit		
X.0000.2056-00 CLAMPING FIXTURE SPANN	VORRICHT												
	NO			5				SE		Hat Status(Beliebiger Fr	. jede	GE	OME
	TTE			20						In Arbeit()	jede	Ref	ferer
70 X.0000.2061-00 BRIDGE BRUECKE				30						In Arbeit()	jede	Ref	ferer
				40						In Arbeit()	jede	Ref	ferer
				50						In Arbeit()	jede	EN	πITY
X.0000.2064-00 WORKPIECE WERKSTUE	CK .			60						In Arbeit()	jede	EN	TITY
2 X.0000.2065-00 INDEX INDEX				70						In Arbeit()	jede	Ref	ferer
2.0000.2066-00 PAD AUFLAGE				80						In Arbeit()	jede	Ref	ferer
2 X.0000.2067-00 SUB. DET. F. WELDMER	IT HILFSTEIL NO	🏼 🌺 Abschlussre	gel für Erweiterung an	zeigen/fe	stlegen - FFG4E	BOMExpandSk	ipBySAPTransf	er		the second second		×	
X.0000.2058-00 CLAMPING IKON SPA	INNEISEN NO	8											
X.0000.2059-00 HOUSING GEHAEUSE	NO												-1
		Abschlussree BOMExpano BOMExpano BOMExpano	geln dSkipByProjAssignmen dProcessByProjectAssig dSkinByltemType	t jn	Beschreibung Skip expansion of BOMLine based on bomline property. The qualified BOMLine will be visible. Bedingungsklauseln								
		BOMExpan	dProcessByItemType		Primäres	Sekundär	Verbunde	Aktionstyp	Bedingungsklau	sel			Ш
		BOMExpPrc BOMExpan BOMExpan FFG4BOME FFG4BOME FFG4BOME	USADBY valabletem Type cessVariabletem Type dSkipByPartSource dProcessByPartSource dAlternativeScope xpandProcessByPartTyy xpandSkipBySAPTranst	pe er	BOMLine	Item	bl_item	SKIP	PRIMARY.FFG4o	Abbrechen	estlegung der Regel a	ufheben	

5.5.4.3 Comparison of the views

In the Structure Manager, design and SAP views can be displayed side by side and compared. To do this, first open a new window with the selected button.

	7 Struktur-Management 🔀									
ſ	X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHTUNG ((Ansicht) - Latest Wor	king - Datum - "Heute"							
	Stücklisteneintrag	GEOMETRIE	SAP Transfer ∇	Po	s. Eig	Referenzkennung	Elementänderungss	Regel konfiguriert von	Maßeinheit	Alle Notizen
	X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHT									
	SCHWEN		N	10				In Arbeit()	jede	Reference Set, NX-N
			N	10				In Arbeit()	jede	Reference Set, ENTIT
	X.0000.2059-00 HOUSING GEHAEUSE		N	20				In Arbeit()	jede	Reference Set, ENTIT
		NO		5			SE	Hat Status(Beliebiger Fr	jede	GEOMETRIE, NX-NAI
	🐨 💞 X.0000.2060-00 BASE PLATE GRUNDPLATTE			20				In Arbeit()	jede	Reference Set, ENTIT
				30				In Arbeit()	jede	Reference Set, ENTIT
				40				In Arbeit()	jede	Reference Set, ENTIT
				50				In Arbeit()	jede	ENTITY-HANDLE: RI
	X.0000.2064-00 WORKPIECE WERKSTUECK			60				In Arbeit()	jede	ENTITY-HANDLE,N>
				70				In Arbeit()	jede	Reference Set, ENTIT
				80				In Arbeit()	jede	Reference Set, ENTIT
	- F. WELDMENT HILFSTEIL X.0000.2067-00 SUB. DET. F. WELDMENT HILFSTEIL	NO		90				In Arbeit()	jede	GEOMETRIE, NX-NAI
	TI X.0000.2058-00 CLAMPING IRON SPANNEISEN	NO		100				In Arbeit()	jede	Reference Set, NX-N
		NO		110				In Arbeit()	jede	Reference Set, NX-N

Afterwards the Structure can be opened in the Teamcenter Navigator via **RMT** -> **"Send to"** -> **"Structure Manager "** in this new window.

🐎 Home 🧊 X.0000.2056 CLA	MPIN	G FIXTURE SPANNVORRICHTUN	G 🔀		- 8	🎽 Übersicht 🖾 📑		
- 🔿 X 0000 2055 CLAMPINI				E 4	V V			
■ X.0000.2058 CLAMPING		URE SPANINVORACH TUNG		_		<i>₽</i> X.0000.205		
X.0000.2056-00 CLA > Q Ansicht		Set Class Attributes		Г		Übersicht Custome		
X.0000.2056-00- X.0000.2056-00-	Å	Neue Änderung in Kontext		Ŀ		Kopieren		
▷ ■ X.0000.2056/00- > SAP Transferfor	Ausschneiden	Ausschneiden Kopieren	Strg+X Strg+C					
	Bericht erstellen Öffnen mit		×			Material Nr.: EI SAP ProjNr.: Ben.ID:		
		Senden an	۱.		Berichterstellung	ng		
		Einchecken/Auschecken	•	-2 >	Beziehungs-Brow	splanung		
	 Image: A Image: B Image: B	Aktualisieren Eigenschaften bearbeiten	F5	1	Lifecycle-Viewer	spianung -		
		Zugriff Projekt	+		Mein Teamcenter			
		Zu Favoriten hinzufügen		1	Struktur-Manage	ment		
		Briefcase	×	ণ উ	Workflow Viewer Zeitplan-Manage	ment		

The comparison can be started via **"Tools" -> "Comparison… "**.

Example: Comparison of the entire structure with the design structure:

Printed on 2025/07/06 19:24

📝 Struktur-Management 🛛					- 8
X.0000.2056-00 CLAMPING FIXTURE SPA	NNVORRICHTUNG (Ansicht) - Latest Workin	g - D 📄 🎬 📃 📄	X.0000.2056-00 CLAMPING FIXTURE SPANNVC	RRICHTUNG (Ansicht) - Latest W	/orking - D 📄 🏥 📰 📄
Stücklisteneintrag	GEOMETRIE	SAP Transfer ∇	Stücklisteneintrag	GEOMETRIE	SAP Transfer
P X.0000.2056-00 CLAMPING FIXTURE 5	SPANNVORRICHT		X.0000.2056-00 CLAMPING FIXTURE SPAN	VVORRICHT	·
🖨 💣 X.0000.2057-00 SWIVELLING CLAM	IP CYL. SCHWEN	N 10	🖨 💣 X.0000.2057-00 SWIVELLING CLAMP CYL	SCHWEN	N 10
	IN SPANNEISEN	N 10		ANNEISEN	N 10
X.0000.2059-00 HOUSING GEH	IAEUSE	N 20	2000 X.0000.2059-00 HOUSING GEHAEUS	E	N 20
G.9000.0000-00	NO	5	2.0000.2060-00 BASE PLATE GRUNDPLA	ATTE	20
2 X.0000.2060-00 BASE PLATE GRUN	NDPLATTE	20	**************************************		30
2 0000 2062 00 INDEX I INDEX	KE	30	3 X 0000 2062 00 PRIDCE PRIECKE		40
2 0000 2063-00 BRIDGE BRUECKE		40	X.0000.2003-00 BRIDGE BROECKE	CK.	50
2.0000.2064-00 WORKPIECE WER	KSTUECK	60	2,0000,2004 00 WORKHIECE WERKSTOP	CK .	70
2.0000.2065-00 INDEX INDEX		70	2 X.0000.2066-00 PAD AUFLAGE		80
🚽 X.0000.2066-00 PAD AUFLAGE		80			
	LDMENT HILFSTEIL NO	90			
	N SPANNEISEN NO	100			
🖉 🗇 🔂 X.0000.2059-00 HOUSING GEH	AEUSE NO	110			
		Stücklistenverglei	:h 🔀		
		Modus: Multi-Ebene	(mit Pos.) 👻		
		Bericht 🔽			
		Anwenden	Abbrechen		
< III		۱. ۲	< III		•
Stücklistenvergleichsbericht - X.0000.2056-	-00 CLAMPING FIXTURE SPANNVORRICHT	JNG (Ansicht) -> X.0000.20	56-00 CLAMPING FIXTURE SPANNVORRICHTUN	IG (Ansicht) Multi-Ebene (mit Po	s.) LH Var: Kein LH Rev:Latest
Element-ID	Elementname	Pos.	Änderungsstand	Anz	Me
X.0000.2056					A
G.9000.0000	G.9000.0000	5	00->()	1->0	,=i =
X.0000.2067	SUB. DET. F. WELDMENT	90	00->()	1->0	,=i
▲.0000.2058	CLAMPING IRON	1100	00->()	1->0	,=1 * }
🕒 💟 🖄 🔝 💷					

Example: Comparison of the entire structure with the SAP structure:

📝 Struktur-Management 🔀							
X.0000.2056-00 CLAMPING FIXTURE	SPANNVORRICHTUNG (An	sicht) - Latest Workin	g 🛅 🏙 📃 🔲	X.0000.2056-00 CLAMPING FIXTURE	SPANNVORRICHTUNG (Ans	sicht) - Latest Working	
Stücklistenein	itrag	GEOMETRIE	SAP Transfer ∇	Stücklisteneint	trag	GEOMETRIE	SAP Transfer
# X.0000.2056-00 CLAMPING FIXTU	URE SPANNVORRICHT			# X.0000.2056-00 CLAMPING FIXTU	JRE SPANNVORRICHT		
🖨 🕣 X.0000.2057-00 SWIVELLING 🕯	CLAMP CYL. SCHWEN		N 10		NO	D	5
	IG IRON SPANNEISEN	I	N 10		GRUNDPLATTE		20
X.0000.2059-00 HOUSING	GEHAEUSE	I	N 20		RUECKE		30
	N	0	5	2.0000.2062-00 INDEX INI	DEX		40
X.0000.2060-00 BASE PLATE	GRUNDPLATTE		20	2.0000.2063-00 BRIDGE BRU	ECKE		50
**************************************	RUECKE		30	20000.2064-00 WORKPIECE	WERKSTUECK		60
→ → × 0000.2062-00 INDEX IN	IDEX		40	2 X 0000.2065-00 INDEX INDEX	X.		/0
X 0000 2064 00 WORKDECE			0C 60	20000.2006-00 PAD AUFLAU		0	80
X 0000 2065-00 INDEX INDE	Y		70	2000 2058-00 CLAMPING	G TRONUSDANNETSEN NO	0	90
X 0000 2065-00 INDEX INDEX	A GE		70 80	2000 2059-00 HOUSING	I GEHAEUSE NO	0	11
	E. WELDMENT I HILESTELL NO	0	90		TOETIMEOSE NO	0	
2 X.0000.2058-00 CLAMPIN	G IRON I SPANNEISEN NO	0	10				
2000.2059-00 HOUSING	GEHAEUSE NO	0	11				
·			•	•			
Stücklistenvergleichsbericht - X.0000	0.2056-00 CLAMPING FIXTUR	E SPANNVORRICHT	UNG (Ansicht) -> X.0000.	2056-00 CLAMPING FIXTURE SPANN	VORRICHTUNG (Ansicht) Mu	ulti-Ebene (mit Pos.) L	H Var: Kein LH Rev:L
Element-ID	Elementname	Pos.		Änderungsstand	Anz	Mehrfeldschl	üssel-Informationen
X.0000.2056							
X.0000.2057	SWIVELLING CLAMP CYL.	10		00->()	1->0	,=item_id=)	X.0000.2057,ob
<			11	l			۰.
A A A A	+						

Example: Comparison of the design structure with the SAP structure:

📝 Struktur-Management 🛛											
X.0000.2056-00 CLAMPING FIXTURE	SPANNVORRICHTUNG (Ar	nsicht) - Latest Workin	g 🛅 🏢 🔛	X.0000.2056-00 CLAMPING FIXT	JRE SPANNVORRICHTUNG (A	Ansicht) - Latest Workin	ıg 🛅 🏥 🔜 🖂				
Stücklisteneintrag	g A	GEOMETRIE	SAP Transfer	Stücklisteneintrag GEOMETRIE SAP Trans							
X.0000.2056-00 CLAMPING FIXTUR	RE SPANNVORRICHT			S X.0000.2056-00 CLAMPING FIXTURE SPANNVORRICHT							
🖨 🛷 X.0000.2057-00 SWIVELLING CL	AMP CYL. SCHWEN	1	N 10			NO	5				
	IRON SPANNEISEN	1	N 10		TE GRUNDPLATTE		20				
	GEHAEUSE	1	N 20		E BRUECKE		30				
🚽 🚽 X.0000.2060-00 BASE PLATE G	RUNDPLATTE		20		INDEX		40				
🚽 🚽 🗑 😧 X.0000.2061-00 BRIDGE BRI	UECKE		30		BRUECKE		50				
🚽 🚽 🧐 😧 X.0000.2062-00 INDEX INDE	EX		40		CE WERKSTUECK		60				
🖌 🚽 X.0000.2063-00 BRIDGE BRUEC	CKE		50		IDEX		70				
X.0000.2064-00 WORKPIECE W	VERKSTUECK		60		FLAGE		80				
X.0000.2065-00 INDEX INDEX			70	X.0000.2067-00 SUB. DET. F. WELDMENT HILFSTEIL NO							
🖉			80		PING IRON SPANNEISEN	NO	10				
< III			F.	< <u> </u>			4				
Stücklistenvergleichsbericht - X.0000.2	056-00 CLAMPING FIXTUR	E SPANNVORRICHT	UNG (Ansicht) -> X.0000	.2056-00 CLAMPING FIXTURE SPA	NNVORRICHTUNG (Ansicht)	Multi-Ebene (mit Pos.)	LH Var: Kein LH Rev:L				
Element-ID E	lementname	Pos.		Änderungsstand	Anz	Mehrfeldschlü	ssel-Informatione				
X.0000.2056											
G.9000.0000 G	.9000.0000	5	1	()->00	0->1	,=item_id=G	.9000.0000,ob				
X.0000.2057 SI	WIVELLING CLAMP CYL.	10	0	00->()	1->0	,=item_id=X	.0000.2057,ob				
X.0000.2067 SI	UB. DET. F. WELDMENT	90	1	()->00	0->1	,=item_id=X	.0000.2067,ob				
X.0000.2058 CLAMPING IRON 100				()->00	0->1	,=item_id=X	.0000.2058,ob				
X.0000.2059 H	OUSING	110		()->00	0->1	,=item_id=X	.0000.2059,ob				
	+										