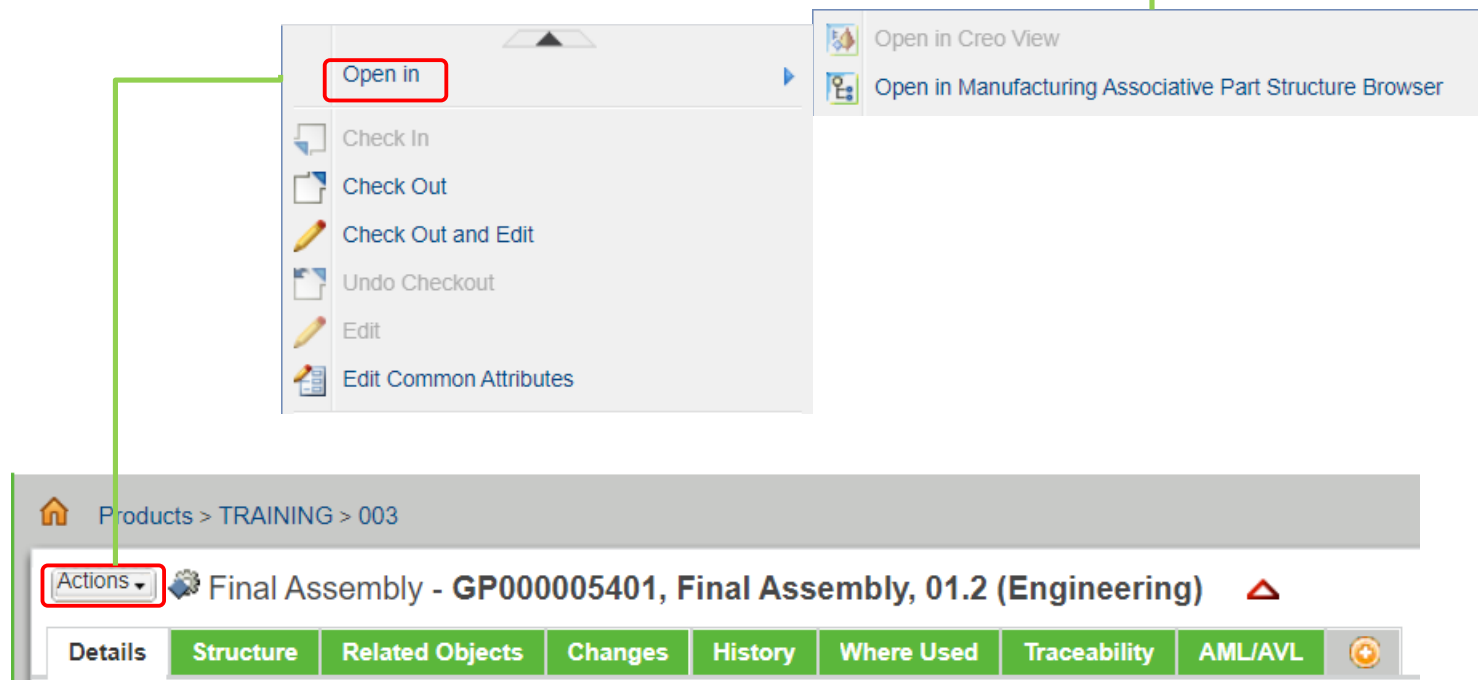


Opening Parts in MAPSB

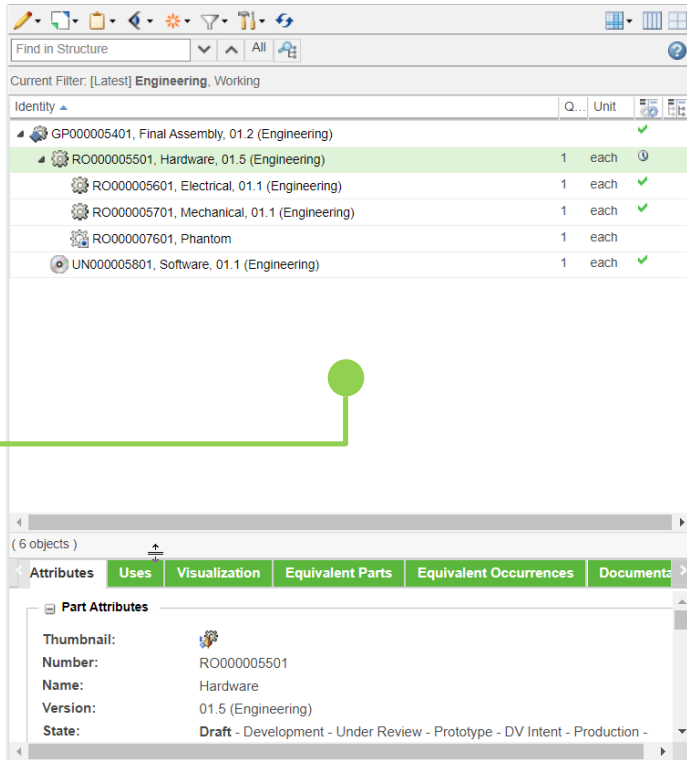


The screenshot illustrates the process of opening parts in the Manufacturing Associative Part Structure Browser (MAPSB). It shows two key UI elements:

- Context Menu:** A menu is open over a part, with the **Open in** option highlighted by a red box. A secondary menu is visible to the right, listing:
 - Open in Creo View
 - Open in Manufacturing Associative Part Structure Browser
- Actions Menu:** At the bottom, the **Actions** dropdown menu is also highlighted with a red box. It displays the current assembly path: **Products > TRAINING > 003** and the assembly name: **Final Assembly - GP000005401, Final Assembly, 01.2 (Engineering)**. Below this, a row of tabs is visible: **Details**, **Structure**, **Related Objects**, **Changes**, **History**, **Where Used**, **Traceability**, and **AML/AVL**.

Manufacturing Associative Part Structure Browser

Upstream View




Identity	Q...	Unit	
GP000005401, Final Assembly, 01.2 (Engineering)			✓
RO000005501, Hardware, 01.5 (Engineering)	1	each	✓
RO000005601, Electrical, 01.1 (Engineering)	1	each	✓
RO000005701, Mechanical, 01.1 (Engineering)	1	each	✓
RO000007601, Phantom	1	each	○
UN000005801, Software, 01.1 (Engineering)	1	each	✓

(6 objects)

Attributes Uses Visualization Equivalent Parts Equivalent Occurrences Documents

Part Attributes

Thumbnail: 

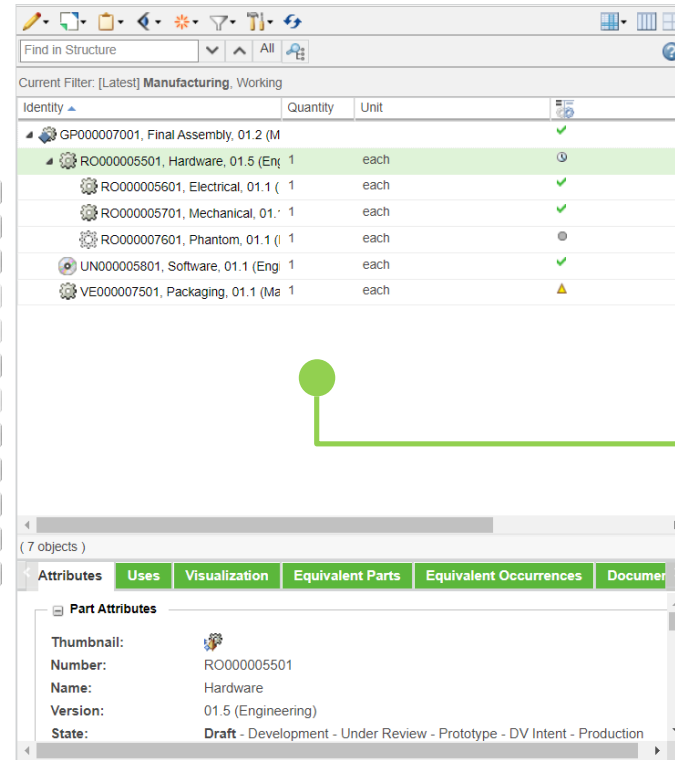
Number: RO000005501

Name: Hardware

Version: 01.5 (Engineering)

State: Draft - Development - Under Review - Prototype - DV Intent - Production -

Downstream View




Identity	Quantity	Unit	
GP000007001, Final Assembly, 01.2 (M			✓
RO000005501, Hardware, 01.5 (Eng	1	each	✓
RO000005601, Electrical, 01.1 (1	each	✓
RO000005701, Mechanical, 01.1	1	each	✓
RO000007601, Phantom, 01.1 (I	1	each	○
UN000005801, Software, 01.1 (Eng	1	each	✓
VE000007501, Packaging, 01.1 (Ma	1	each	▲

(7 objects)

Attributes Uses Visualization Equivalent Parts Equivalent Occurrences Documents

Part Attributes

Thumbnail: 

Number: RO000005501

Name: Hardware

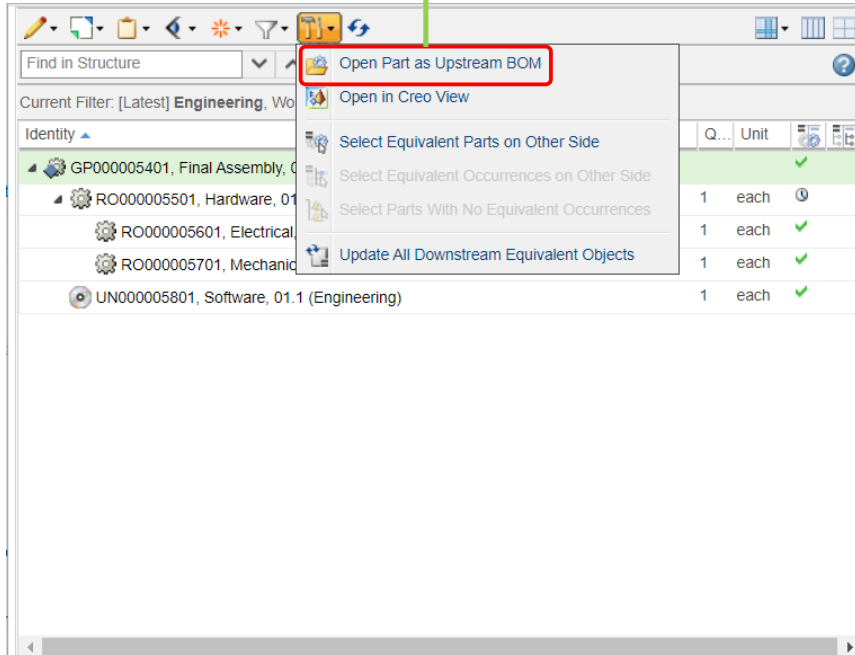
Version: 01.5 (Engineering)

State: Draft - Development - Under Review - Prototype - DV Intent - Production -

Opening Parts in MAPSB

Upstream
BOM

Downstream
BOM



Find in Structure

Current Filter: [Latest] **Engineering**, Wo

Identity

- GP000005401, Final Assembly, 0
- RO000005501, Hardware, 01.1 (1 each ✓)
- RO000005601, Electrical, 01.1 (1 each ✓)
- RO000005701, Mechanical, 01.1 (1 each ✓)
- UN000005801, Software, 01.1 (Engineering) (1 each ✓)

Open Part as Upstream BOM

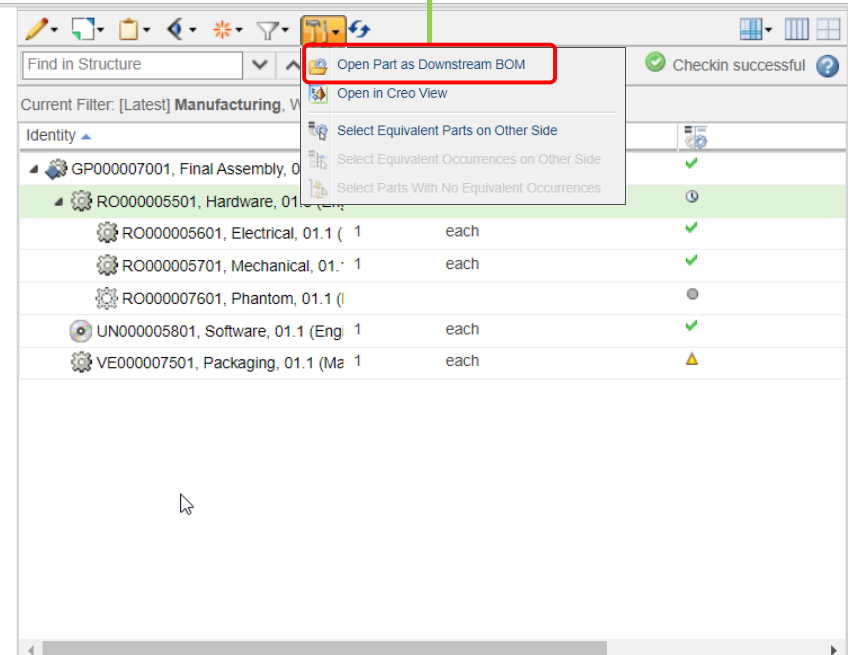
Open in Creo View

Select Equivalent Parts on Other Side

Select Equivalent Occurrences on Other Side

Select Parts With No Equivalent Occurrences

Update All Downstream Equivalent Objects



Find in Structure

Current Filter: [Latest] **Manufacturing**, W

Identity

- GP000007001, Final Assembly, 0
- RO000005501, Hardware, 01.1 (1 each ✓)
- RO000005601, Electrical, 01.1 (1 each ✓)
- RO000005701, Mechanical, 01.1 (1 each ✓)
- RO000007601, Phantom, 01.1 (1 each ✓)
- UN000005801, Software, 01.1 (Eng 1 each ✓)
- VE000007501, Packaging, 01.1 (Ma 1 each ⚠)

Open Part as Downstream BOM

Open in Creo View

Select Equivalent Parts on Other Side

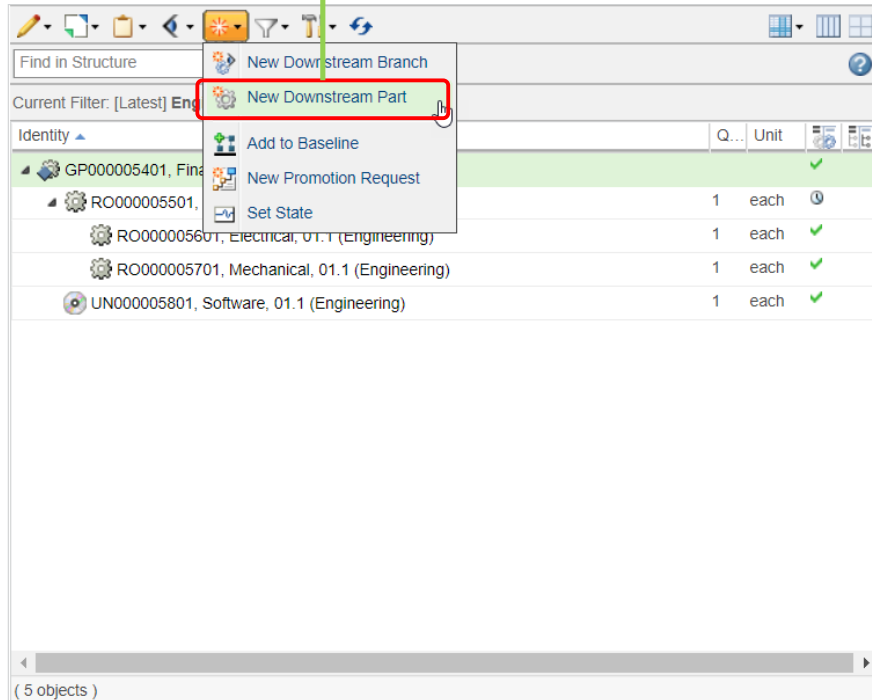
Select Equivalent Occurrences on Other Side

Select Parts With No Equivalent Occurrences

Checkin successful

Creating new Manufacturing BOM

New Downstream Part

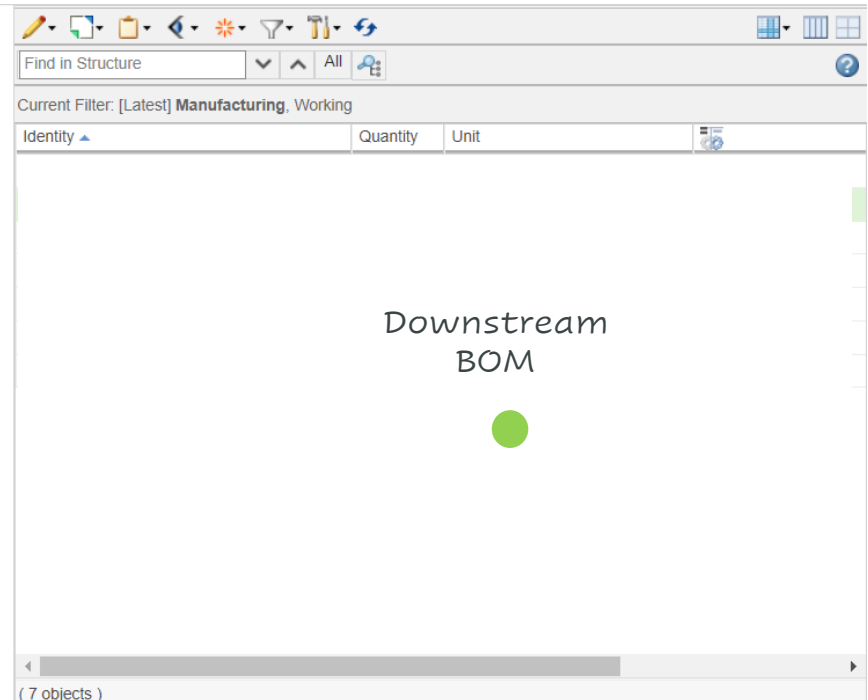


Find in Structure

Current Filter: [Latest] Eng

Identity	Q...	Unit	
GP000005401, Fine			✓
RO000005501,	1	each	✓
RO000005601, Electrical, 01.1 (Engineering)	1	each	✓
RO000005701, Mechanical, 01.1 (Engineering)	1	each	✓
UN000005801, Software, 01.1 (Engineering)	1	each	✓

(5 objects)



Find in Structure

Current Filter: [Latest] Manufacturing, Working

Identity	Quantity	Unit	
----------	----------	------	--

Downstream BOM

(7 objects)

Creating Equivalent Links

1

Select Component Upstream

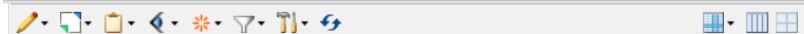


2

Select Component Downstream

Manufacturing Associative Part Structure Browser - Google Chrome

magna-dev1.ptcmscloud.com/Windchill/ptc1/mapsb/mapsb?oid=wt.part.WTPart:519738&locale=en_US&uniqueId=1425374&un=-7973953350063076370&ur=wt.part.WTPart:519738&dn=80...



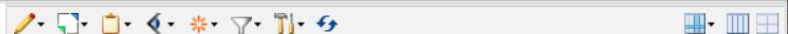
Find in Structure

Current Filter: [Latest] **Engineering**, Working

Identity	Q...	Unit	
GP000005401, Final Assembly, 01.2 (Engineering)			✓
RO000005501, Hardware, 01.6 (Engineering)	1	each	ⓘ
RO000005601, Electrical, 01.1 (Engineering)	1	each	✓
RO000005701, Mechanical, 01.1 (Engineering)	1	each	✓
UN000005801, Software, 01.1 (Engineering)	1	each	✓

Manufacturing Associative Part Structure Browser - Google Chrome

magna-dev1.ptcmscloud.com/Windchill/ptc1/mapsb/mapsb?oid=wt.part.WTPart:519738&locale=en_US&uniqueId=1425374&un=-7973953350063076370&ur=wt.part.WTPart:519738&dn=80...



Find in Structure

Current Filter: [Latest] **Manufacturing**, Working

Identity	Quantity	Unit	
GP000007001, Final Assembly, 01.2 (Manufactu			✓
RO000005501, Hardware, 01.5 (Engineering	1	each	ⓘ
RO000005601, Electrical, 01.1 (Engineer	1	each	✓
RO000005701, Mechanical, 01.1 (Engine	1	each	✓
RO000007601, Phantom, 01.1 (Manufact			⊙
UN000005801, Software, 01.1 (Engineering)	1	each	✓
VE000007501, Packaging, 01.1 (Manufacturi	1	each	⚠

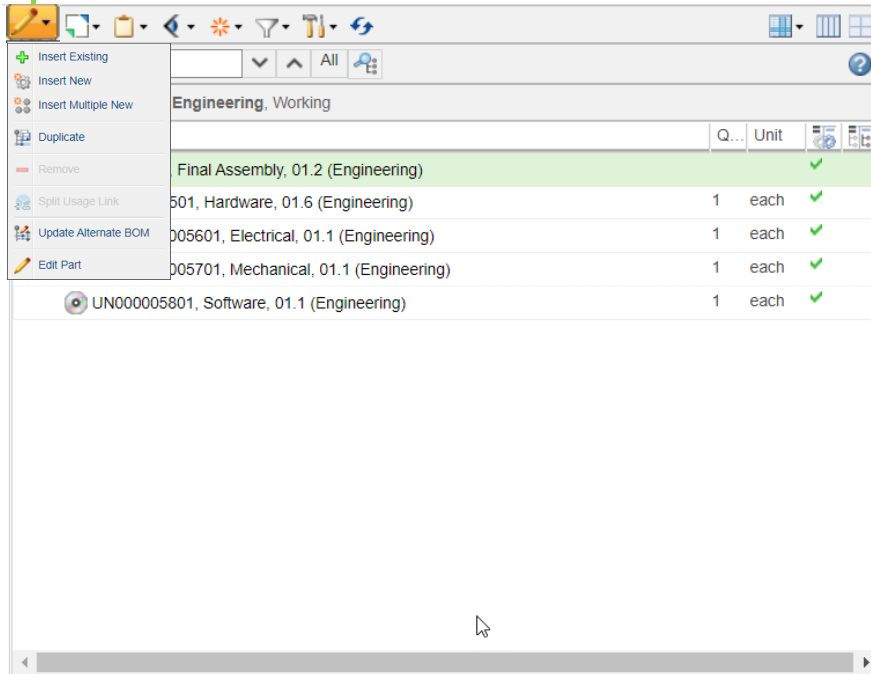
3

Click Create Equivalent Links



Editing Upstream and Downstream BOMs

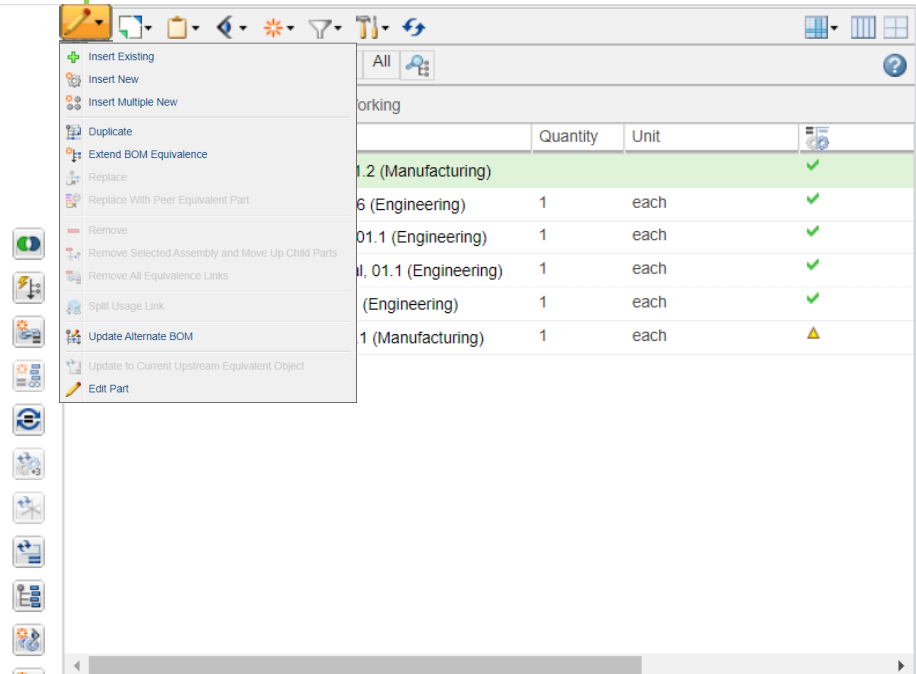
Upstream BOM edit



Engineering, Working

	Q...	Unit	
Final Assembly, 01.2 (Engineering)			✓
501, Hardware, 01.6 (Engineering)	1	each	✓
005601, Electrical, 01.1 (Engineering)	1	each	✓
005701, Mechanical, 01.1 (Engineering)	1	each	✓
UN000005801, Software, 01.1 (Engineering)	1	each	✓

Downstream BOM Edit



orking

	Quantity	Unit	
01.2 (Manufacturing)			✓
01.6 (Engineering)	1	each	✓
01.1 (Engineering)	1	each	✓
01, 01.1 (Engineering)	1	each	✓
(Engineering)	1	each	✓
1 (Manufacturing)	1	each	⚠