

About MBD BOM

MBD BOM Tool is a Custom Developed tool inside Creo (Pro/ENGINEER) for creating BOM Table / Weld BOM output from 3D models and place it in MBD. The attributes of the BOM (like Revision, Quantity... etc.) will be pulled from the part parameter and Create a Note like table and required information in the MBD Layout.

S. NO	SEQ ID	WELD PROCESS	TYPE	WELD MATERIAL	WELD LENGTH	MASS
1	1	2F	FILLET	E7175	110	0.0432775
2	2	2F	FILLET	E7175	110	0.0432775
3	3	2F	FILLET	E7175	110	0.0432775
4	4	2F	FILLET	E7175	110	0.0432775
5	5	2F	FILLET	E7175	110	0.0432775
6	6	2F	FILLET	E7175	110	0.0432775
7	7	2F	FILLET	E7175	110	0.0432775
8	8	2F	FILLET	E7175	110	0.0432775
9	9	2F	FILLET	E7175	110	0.0432775
10	10	2F	FILLET	E7175	110	0.0432775
11	11	2F	FILLET	E7175	110	0.0432775
12	12	2F	FILLET	E7175	110	0.0432775
13	13	2F	FILLET	E7175	110	0.0432775
14	14	2F	FILLET	E7175	110	0.0432775
15	15	2F	FILLET	E7175	110	0.0432775
16	16	2F	FILLET	E7175	110	0.0432775
17	17	2F	FILLET	E7175	110	0.0432775
18	18	2F	FILLET	E7175	110	0.0432775
19	19	2F	FILLET	E7175	110	0.0432775
20	20	2F	FILLET	E7175	110	0.0432775
21	21	2F	FILLET	E7175	110	0.0432775
22	22	2F	FILLET	E7175	110	0.0432775
23	23	2F	FILLET	E7175	110	0.0432775
24	24	2F	FILLET	E7175	110	0.0432775
25	25	2F	FILLET	E7175	400	0.321866
26	26	2F	FILLET	E7175	852.839	0.321866
27	27	2F	FILLET	E7175	400	0.157373
28	28	2F	FILLET	E7175	400	0.157373
29	29	2F	FILLET	E7175	244	0.0959974
30	30	3F	FILLET	E7175	300	0.11883
31	31	2F	FILLET	E7175	244	0.0959974
32	32	3F	FILLET	E7175	300	0.11883
33	33	4F	FILLET	E7175	852.841	0.321867
34	34	4F	FILLET	E7175	194	0.0132558
35	35	4F	FILLET	E7175	168	0.0762958
36	36	2F	FILLET	E7175	852.841	0.321867
37	37	2F	FILLET	E7175	743.839	0.29215
38	38	2F	FILLET	E7175	743.839	0.29215
39	39	3F	FILLET	E7175	200	0.0786864
40	40	3F	FILLET	E7175	11025	4.33759
41	41	3F	FILLET	E7175	11025	4.33759
42	42	4F	FILLET	E7175	171.133	0.0673261
43	43	4F	FILLET	E7175	100	0.0393452
44	44	4F	FILLET	E7175	100	0.0393452
45	45	4F	FILLET	E7175	171.133	0.0673261

Total Weld Length = 32527.3 Total Weld Mass = 12.7873

Highlights

- Works with PTC Creo (Pro/ ENGINEER) Base Licenses
- One-click solution that automatically determines and documents BOM content from the 3D Model.
- Can Recognizes all Parametric attributes & Materials assign to part.
- Can export / Create Various types of BOM / Weld Details.
- Can be able to export Customized spreadsheet (Excel) output as per requirement or company standard along with required parameter / attribute information.

Benefits

- **Speed** – One click solution to propagate necessary details
- **Error Free** – Eliminates manual / typo errors.
- **Enhanced User Productivity** - Eliminate Designer/Creo User's non-productive (manual entries) activities, saving up to 90% of preparation time
- **Standardization** – Standardization of Process as per company standards
- **Simplify tasks** – BOM details no longer has to be created manually referring to Top Level Assembly and parts
- **ROI** – quick Return on Investment (ROI) considering the significant time savings and reduced ECN's

For more info contact CADOpt Technologies Private Limited at: info@CADOpt.com or visit our website at www.CADOpt.com