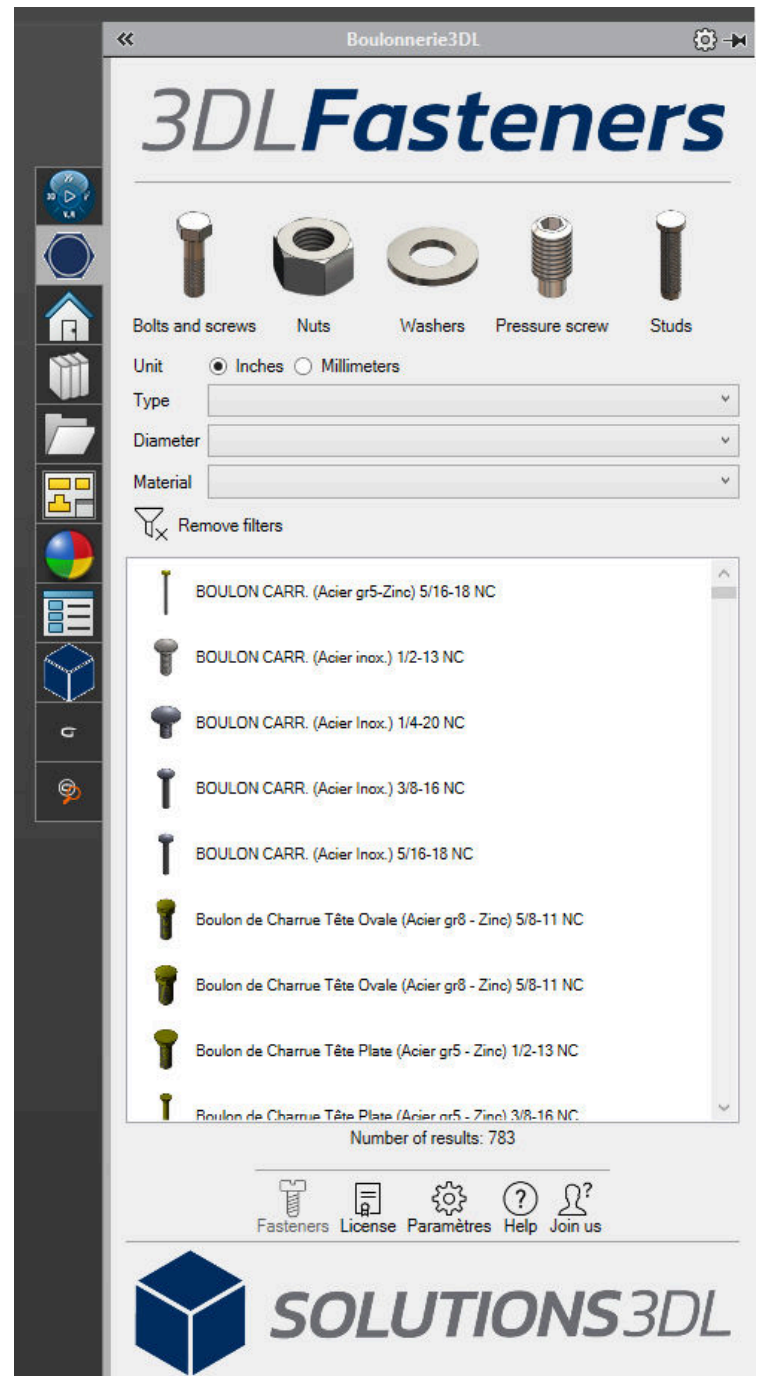


- ✓ Are you being pushed to include fasteners in your assemblies by your team?
- ✓ You not have the TOOLBOX SolidWorks module, or you find it to hard to use?
- ✓ Our add-in, the **3DL Fasteners** is there to help!
- ✓ With the 3DL Fasteners add-in, there is no reason to not include fasteners in your project.
- ✓ It is easy to use, and components have been drawn with a key feature in mind: performance.



More information

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I want this add-in.

Here are some of the key points of the add-in:

1. Comparison table between SolidWorks' TOOLBOX add-in & the **3DL Fasteners** add-in for SolidWorks.

Comparison between products	TOOLBOX	3DL Fasteners
Works with SolidWorks standard (basic edition).	✗	✓
Easy-to-use for any SolidWorks user.	✗	✓
French and English descriptions up to date on every component.	✗	✓
Easy to modify your conception.	✓*	✓
Components' materials are easily recognizable with their colors.	✗	✓
Components' weight is always up to date.	✗	✓
Contains a codification that can be used by your ERP system.	✗	✓
Easy to configure to fit your needs.	✗	✓

* TOOLBOX is complex and long to set-up.

** Our library can be upgraded if you need it, our drawing department can include new parts customized to your specific needs.

2. Simple and quick usage, the 3D files are all up to date and ready to be used!
3. Properties are already filled in. (Description-FR, Description-EN, IsFastener=1, etc.!)
4. All files have a standard and meaningful codification, allowing users to quickly identify the part they are working with.
5. This unique component # can also be used by your ERP system.
6. The 3D is simplified to get the maximum performance. Components are quick to load in SolidWorks and light in weight for your disk.
7. Bolts are designed in Part Tables, which allows you to quickly go from a length to another.
8. Components have different colors which represent materials, it is clear what you are working with.
9. All components have a common face name, allowing you to replace a bolt by a washer, a nut or vis-versa, without losing any constraints. Your document stays error-free, and you can focus on conception.
10. Parts have constraint references allowing a quick and easy integration in your conceptions.
11. Parts have been converted into the TOOLBOX type, which allows you to lock the rotation of the coaxial constraint.
12. Library includes bolts, mechanical screws, washers, nuts and many more. There are 4700 components total (including parts & configurations).

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Complete list of components in the 3DL Fasteners library:

- BBHI BUTTON HEAD CAP SCREW (in) Steel, zinc and Stainless steel, sizes #10 to 1/2"
- BCAI CARRIAGE BOLT (in) Zinc Steel gr5, Stainless steel, sizes 1/4" to 1/2"
- BCAM CARRIAGE BOLT (mm) Zinc Steel grade 8.8 and Stainless-Steel sizes M6 to M10
- BEPI SHOULDER SCREW (in) Steel and Stainless Steel, sizes 1/4" to 1"
- BFEI FLAT HEAD CAP SCREW PHILLIPS PAN HEAD (in) Stainless-Steel 316 and 304, ASME Steel, sizes #8 to 1/2"
- BFEM FLAT HEAD CAP SCREW PHILLIPS PAN HEAD (mm) Stainless-Steel 304 and Steel grade 4.8, sizes M4 to M10
- BFFI FLAT HEAD CAP SCREW SLOT DRIVE (in) Steel, brass and Stainless-Steel, sizes #10 to 1/2"
- BFHI FLAT HEAD CAP SCREW (in) Steel and Stainless-Steel, sizes #8 to 1"
- BFHM FLAT HEAD CAP SCREW (mm) Black steel M4 to M10 and Stainless Steel M4 to M12
- BHEI HEX. BOLT (in) Zinc Steel Gr5 and Gr8, sizes #6 to 1&3/4" and Stainless-Steel sizes #6 to 3/4", Steel A325 Galvanized, sizes 1/2 to 1"
- BHEM HEX. BOLT (mm) Steel grade 8.8, M5, M6. Steel grade 8.8 Zinc M6 to M30 Stainless Steel M6, M22
- BHTI HEX. BOLT (FULL THREAD) (in) Zinc Steel Gr5, sizes 3/8" and 1/2"
- BLAI HEX. LAG BOLT (in) Steel gr5 Zinc, sizes ¼ to 3/4"
- BPGI PLOW BOLT FLAT HEAD (in) Zinc Steel gr5, sizes 3/8" to 5/8"
- BPOI PLOW BOLT OVAL HEAD (in) Zinc Steel gr8, sizes 5/8" à 3/4"
- BSHI SOCKET HEAD CAP SCREW (in) Zinc Steel sizes #8 to 1 1/2", Stainless-Steel sizes #8 to 1&1/2"
- BSHM SOCKET HEAD CAP SCREW (mm) Zinc Steel. M6 to M16 and Stainless-Steel, M3 to M16
- BSQI SQUARE BOLT (in) Zinc Steel sizes ¼" to ¾"
- BSTI SOCKET HEAD CAP SCREW - Full Thread (in) Zinc Steel, sizes 1/4" to 5/8 NC
- BSTM SOCKET HEAD CAP SCREW - Full Thread (mm) Zinc Steel, sizes M6 to M16
- BTFI TRUSS HEAD CAP SCREW SLOTTED (in) Zinc Steel #10-20, #10-32. Stainless-Steel sizes #8 and 1/4"
- ECAI CAP NUT (in) Zinc Steel and Stainless-Steel, sizes #6, 1/4", 5/16" and 3/8"
- EHDI DISORTED THREAD NUT (in) Steel gr5 et Stainless-Steel 304 sizes ¼" to 1"
- EHEI HEX. NUT (in) Zinc Steel Gr5 sizes 3/4 to 1 1/4, Zinc Steel Gr2, naked and Stainless-Steel, #10 to sizes 1 1/2"
- EHEM HEX. NUT (mm) COARSE. Gr8 Steel and Gr8 Steel Zinc, Stainless-Steel M4 to M24
- EHFH HEX. FLANGE NUT (in) Gr5 Zinc Steel, ¼, 5/16 and 3/8"
- EHJI HEX. JAM NUT (in) Gr2 Zinc Steel, naked and Stainless Steel, sizes 1/4 to 1 1/2" NC & NF
- EHNI HEX. NYLON LOCK NUT (in) Gr5 Zinc Steel sizes ½ and 3/4, Gr8 sizes 5/8 and Gr2, naked, Stainless-Steel sizes #6 to size 1 ½"
- EHNH HEX. NYLON LOCK NUT (mm) Gr8 Zinc Steel, sizes M8 to M20 and Stainless-Steel sizes M8 and M20
- ESHI HEAVY SQUARE NUT (in) Steel, Galvanised Steel, sizes 1/4 to 1&1/2
- ESQI SQUARE NUT (in) Steel, Galvanised Steel, sizes 1/4 to 1&1/2"
- EWII WING NUT (in) Zinc Steel, Stainless-Steel, Brass, sizes 1/4 to 3/4"
- GSFI WELD STUD FULL THREAD (in) Steel sizes 3/8 to 5/8
- GSPI WELD STUD PARTIAL THREAD (mm) Steel sizes 3/8 à 5/8

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- RBEI BELLEVILLE WASHER (in) in a limited quantity (6)
- RBVI BEVELED WASHER (in) Cast Iron, sizes 3/8 to 1 1/4". Galvanized Cast Iron sizes 5/16 to 3/4"
- RFEI FLAT WASHER FENDER (in) Steel sizes #10 to 1/2"
- RFLI FLAT WASHER USS STANDARD (in) Zinc Steel, naked and Stainless-Steel, sizes #8 to 1&1/8". F436 Steel sizes 1/2 to 1"
- RFLM FLAT WASHER DIN 125A (mm) Zinc Steel, sizes M4 to M24
- RHAI HARDENED FLAT WASHER F436 (in) F436 Steel, sizes 3/8" to 1&1/2"
- RHCI LOCK WASHER HIGH-COLLAR (in) Steel sizes #8 to 5/8"
- RHCM LOCK WASHER HIGH-COLLAR DIN 912(mm) Steel, sizes 5mm to 12mm
- RLOI LOCK WASHER (in) Zinc Steel, naked, Stainless Steel, #10 to 2"
- RLOM LOCK WASHER (mm) Zinc Steel, naked and Stainless Steel, 6mm à 12mm
- RNAI SAE FLAT WASHER (in) Zinc Steel, 316 and 304 Stainless Steel, sizes #8 to 1&1/4"
- RNAM WASHER WITH REDUCED O.D. DIN 433(mm) Zinc Steel, 316 Stainless Steel, sizes 4mm to 16mm
- SSHI SET SCREW (po) Steel and Stainless-Steel, flat, cone and cup point, sizes #6 to 3/4". NC and NF
- SSHM SET SCREW (mm) Cup point, Steel and Stainless-Steel, sizes M3 to M10
- SSQI SET SCREW SQUARE HEAD (po) Flat point et Cup point. Stainless-Steel and Steel, sizes 1/4" to 1"
- SSQM SET SCREW SQUARE HEAD (mm) Dog point. Steel sizes M6 to M20

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