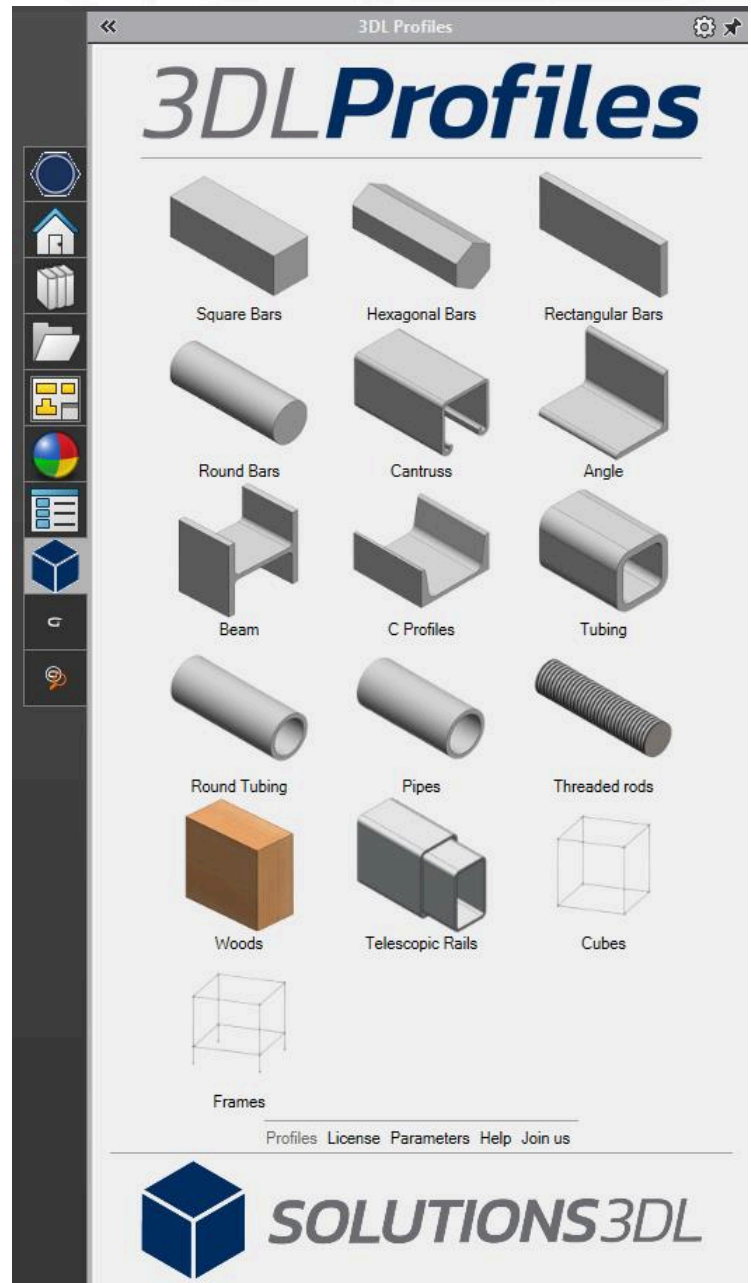


You waste a lot of time drawing your profiles in SolidWorks. You don't have the SolidWorks TOOLBOX module, or you find it too complicated to use? Our **3DL Profiles** add-in can help.

Here are the advantages of our 3DL Profiles add-in:

1. Your profiles are quick to design.
2. Rapidly modify your profiles for something else.
3. Highly reduces the error risk while drawing.
4. The add-in installs and configures itself in a few simple steps.
5. Integrated into the SolidWorks Task pane tabs with a user help file.
6. Add-in available in English and French.



For further information

info@solutions3dl.com

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7. Here's a comparison table between TOOLBOX and the 3DL Profiles Library.

Comparison between profile libraries	TOOLBOX	Profils 3DL
Works with SolidWorks standard (basic)	✗	✓
Easy to use for SolidWorks users	✗	✓
English and French descriptions already filled in	✗	✓
Automatic length management in a property	✗	✓
Easy to modify your design	✓*	✓
Automatically set the right weight	✗	✓
Permetts d'avoir le bon type de hachure selon le matériel	✗	✓
Contains a codification that can be used for your ERP/MRP software	✗	✓
Includes beams, angles, tubes, pipes	✓	✓
Includes Unistrut profiles, T and Z sections	✓	✗**
Includes flat bars, round bars, threaded rods, cantruss and lumbers	✓	✓
Easily customized	✗	✓

* TOOLBOX generates new configurations each time the file is modified, making it complex and error-prone for the user.

** Our library can be upgraded if you need new profiles using our drawing service.

8. Quick and easy to use, because the profiles are already designed and ready to use.
9. The library contains profiles with materials available on the market. No need to consult your catalogs.
10. It's easy to modify your design. Change from angle to channel in just a few clicks.
11. The library also includes a material database. The material changes automatically when the profile is changed. For example, a steel angle becomes an aluminum tubing, and the weight and the hatchings are automatically updated.
12. Properties are already filled in. Example: English and French description, e.g. I-PROFILE 44W S5x10)
13. The files include a raw material codification that can also be used for your ERP software.
14. Files are made up with design tables, making them easy to customize.

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15. Libraries have the same sketch entities, so you can replace one profile with another with as few mates as possible.
16. The add-in contains 3D Sketch starting templates.
17. The add-in allows to automatically export some of the Cut List properties to your part properties.
18. The add-in includes in his library: beams, c profiles, angles, can trust, tubes (rectangular, squared and round), telescopic tubes, bars (rectangular, hexagonal, round or square) and even carpentry woods. Consult the list below for the listing of all our components.

Here is the complete list:

Square bars

- Square bar Aluminum 6061-T6
- Square bar Brass ASTM-B16-360
- Square bar Stainless Steel 18-8
- Square bar Stainless Steel 304
- Square bar Stainless Steel 304L CD
- Square bar Stainless Steel 304L
- Square bar Stainless Steel 316L
- Square bar Steel 1018 (1020) CR
- Square bar Steel 300 W
- Square bar Steel 300 W HT
- Square bar Steel 350 W
- Square bar Steel 4140 ANN
- Square bar Steel 4140 HT
- Square bar Steel 44W
- Square bar Steel CHT-100
- Square bar Steel QT 400F
- Square bar Steel QT 500
- Square bar Teflon
- Square bar UHMW Black
- Square bar UHMW White

Hex Bars

- Hex Bar Aluminum 6061
- Hex Bar Brass SAE 360
- Hex Bar Stainless Steel 303 CD
- Hex Bar Stainless Steel 304 L
- Hex Bar Stainless Steel 316 L
- Hex Bar Steel 1018 (1020) CR
- Hex Bar Steel 1045 HR
- Hex Bar Steel 1213-1215 CR

- Hex Bar Steel 4140 CF ANN
- Hex Bar Steel C12L14

Flat Bars

- Flat Bar Aluminum 6061-T6
- Flat Bar Aluminum Bronze C954
- Flat Bar Brass ASTM-B16-360
- Flat Bar Bronze 660
- Flat Bar Plastic Polyethylene UHMW
- Flat Bar Stainless Steel 304 CD
- Flat Bar Stainless Steel 316 L
- Flat Bar Steel 1018 (1020) CR
- Flat Bar Steel 300W
- Flat Bar Steel 4140 ANN
- Flat Bar Steel 4140 HT
- Flat Bar Steel 44W
- Flat Bar Steel 50W
- Flat Bar Steel A36

Round Bars

- Round Bar Aluminum 6061-T6
- Round Bar Aluminum Bronze C954
- Round Bar Brass C464
- Round Bar Brass
- Round Bar Bronze SAE 660
- Round Bar Plastic Nycast Nyloil
- Round Bar Plastic Nycast Nylon MoS2
- Round Bar Plastic Nylatron GSM
- Round Bar Plastic Nylon Type 6
- Round Bar Plastic Polyethylene UHMW
- Round Bar Plastic PVC Grey
- Round Bar Plastic Teflon

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- Round Bar Stainless Steel 17-4 PH
- Round Bar Stainless Steel 304 CD
- Round Bar Stainless Steel 316 CD
- Round Bar Stainless Steel 410
- Round Bar Stainless Steel 416
- Round Bar Steel 1018 (1020) CR
- Round Bar Steel 1018 (1020) HR
- Round Bar Steel 1045 CHR
- Round Bar Steel 1045 CR
- Round Bar Steel 1045 G&P (mm)
- Round Bar Steel 1045 G&P
- Round Bar Steel 1045 HR
- Round Bar Steel 1045 IND. CHR.
- Round Bar Steel 1117 CF
- Round Bar Steel 1144 STRESSPROOF
- Round Bar Steel 300W HR
- Round Bar Steel 4140 ANN (mm)
- Round Bar Steel 4140 ANN
- Round Bar Steel 4140 CD ANN
- Round Bar Steel 4140 CI (mm)
- Round Bar Steel 4140 HT
- Round Bar Steel 4140 HTSR
- Round Bar Steel 4142 HT GROUND
- Round Bar Steel 4150 HR
- Round Bar Steel 4340 ANN
- Round Bar Steel 4340 HT G&P
- Round Bar Steel 4340 HT
- Round Bar Steel 4340 HTSR
- Round Bar Steel 52100 CF
- Round Bar Steel 52100 HR
- Round Bar Steel 8620 HR
- Round Bar Steel 9310 HR
- Round Bar Steel A2
- Round Bar Steel A36
- Round Bar Steel C12L14
- Round Bar Steel D2
- Round Bar Steel O1
- Round Bar Steel W1

CanTrust

- Cantrust Galvanized Steel 1.625

Woods

- Cedar
- Spruce

Angles

- Angle Aluminum (Square corners) 6061-T6
- Angle Stainless Steel 304 HR
- Angle Stainless Steel 304 L
- Angle Stainless Steel 316 HR
- Angle Steel 300W
- Angle Steel 350W
- Angle Steel 44W
- Angle Steel 50W

Beams

- H Beam Steel 44W
- I Beam Steel 44W
- M Beam Steel 44W

Channels

- Channel Aluminum 6061-T6
- Channel Steel 44W

Threaded Rods

- Threaded Rod UNF Steel GR. B7 (A-193) HT Plated
- Threaded Rod ACME Steel
- Threaded Rod UNC Stainless Steel 18-8
- Threaded Rod UNC Steel C1010 GR2. Black"
- Threaded Rod UNC Steel C1010 GR2. Plated"
- Threaded Rod UNC Steel C1010 HDG"
- Threaded Rod UNC Steel GR. B7 (A-193) HT Plated"
- Threaded Rod UNF Stainless Steel 18-8"
- Threaded Rod UNF Steel C1010 GR2. Black"

Tubings (rectangle and quare)

- Rect Tubing Aluminum (Round corners Extrudex)
- Rect Tubing Aluminum (Square corners Extrudex)
- Rect Tubing Aluminum 6061-T6 (Round corners)
- Rect Tubing Aluminum 6063-T5 (Square corners)
- Rect Tubing Stainless Steel 304-304L Mill Finish
- Rect Tubing Stainless Steel 304-304L No 4 Finish
- Rect Tubing Steel ASTM A-500 GR.C
- Square Tubing Aluminum (Round corners Extrudex)
- Square Tubing Aluminum (Square corners Extrudex)
- Square Tubing Aluminum 6061-T6 (Round corners)
- Square Tubing Aluminum 6063-T5 (Square corners)
- Square Tubing Stainless Steel 304 No 4 Finish
- Square Tubing Steel ASTM A-500 GR.C
- Square Tubing Steel Hitch A500

Telescopic Rails

- Rectangular Telescoping Rail Aluminum

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- Round Telescoping Rail 304 Stainless
- Round Telescoping Rail Aluminum
- Round Telescoping Rail Carbon Steel
- Square Telescoping Rail 304 Stainless
- Square Telescoping Rail Aluminum
- Square Telescoping Rail Carbon Steel
- Square Telescoping Rail Carbon Steel-Galvanized

Round Tubings

- Round Tubing Aluminum 6061
- Round Tubing Steel ASTM A-500 GR
- Round Tubing Steel CREW A-513
- Round Tubing Steel Seamless (0-2 OD) 1026(1018)A-519 CD
- Round Tubing Steel Seamless (2-3 OD) 1026(1018)A-519 CD

- Round Tubing Steel Seamless (3-4 OD) 1026(1018)A-519 CD
- Round Tubing Steel Seamless (4-5 OD) 1026(1018)A-519 CD
- Round Tubing Steel Seamless (5-7 OD) 1026(1018)A-519 CD
- Round Tubing Steel Seamless (7-10 OD) 1026(1018)A-519 CD
- Round Tubing Steel Seamless (10-13 OD) 1026(1018)A-519 CD

Pipes

- Commercial Pipe Galvanized Steel
- Water Pipe Stainless Steel S40
- Water Pipe Steel A53B S160
- Water Pipe Steel A53B S40
- Water Pipe Steel A53B S80

Contact us to find out more!

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