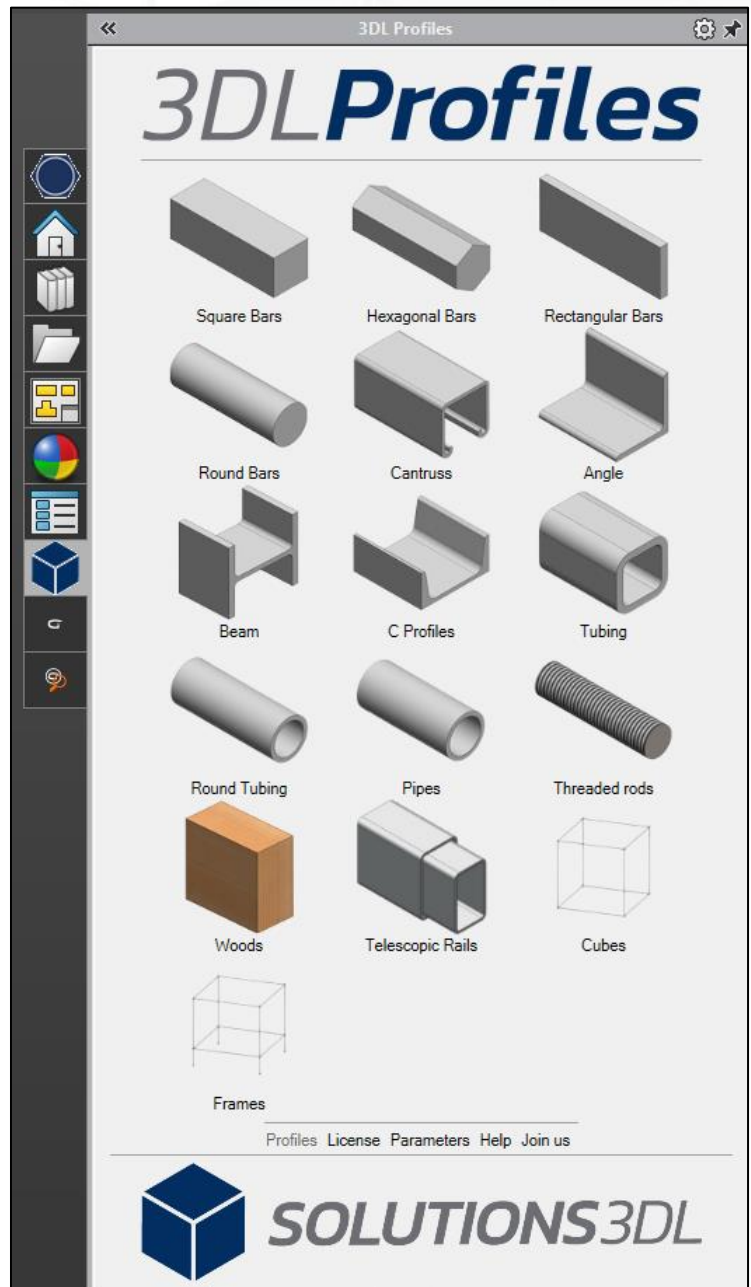


You waste a lot of time drawing your profiles in SolidWorks. You don't have the SolidWorks TOOLBOX module, or do you find it too complicated to use?

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. **Quickly modify** your current profiles for something else, **without losing mates** when possible.
3. **Highly reduces the error risk** while designing with automation.
4. The add-in installs and configures itself in a few simple steps, **generally under 2 minutes**.
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](mailto:info@solutions3dl.com)  
Cellphone : (418) 222-1085  
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7. Here's a comparison table between **TOOLBOX** and the **3DL Profiles** add-in.

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	✗	✓
Good type of hatching according to material	✗	✓
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	✗	✓
Generate an optimized cut report	✗	✓

\* 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 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 **unique raw material codification** that can also be used for your **ERP software**.

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- 14. Files are made up with **design tables**, making it easy to customize them and to add your own components.
- 15. Libraries have the **same sketch entities**, so you can **replace** one profile with another and lose as few mates as possible.

- 16. **Automatically optimize your cut lists** to reduce material waste and maximize profitability with our latest addition, the **OptiCut** feature.

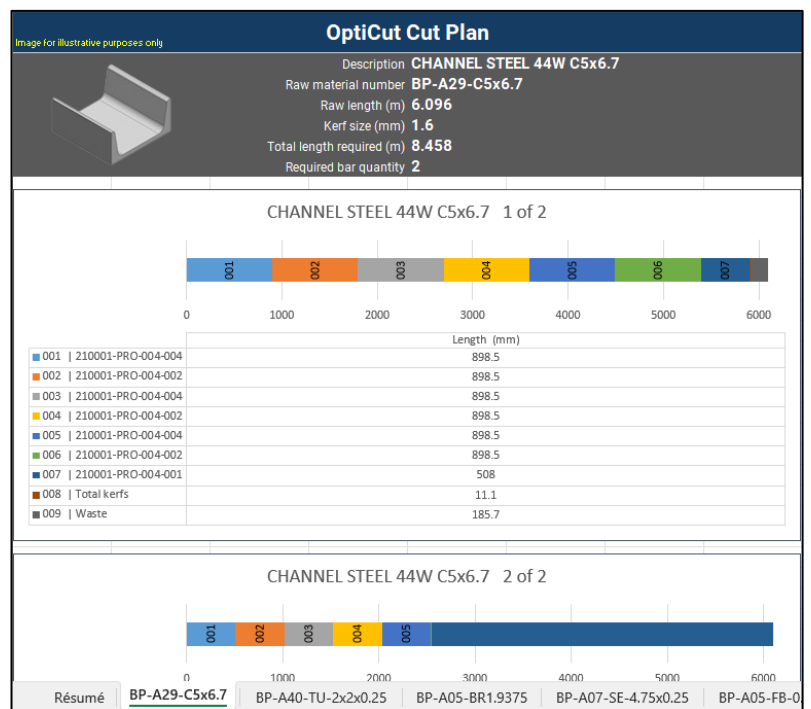


Here is a small OptiCut report example

- 17. **Generate a clear report and a reliable purchase list**, ready for production, to eliminate errors and avoid over or under-ordering of material.

OptiCut summary					
Assembly name: 210001-A-000			Date: 2026-02-02		
Generated by: 3DL\dessinateur1			3DL Profiles software version: 3.0.1		
Raw material number	Description	Raw length (m)	Total length required (m)	Required bar quantity	Comment
BP-A29-C5x6.7	CHANNEL STEEL 44W C5x6.7	6.096	8.458	2	
BP-A40-TU-2x2x0.25	SQUARE TUBING STEEL ASTM A-500 GR.C 2x2x0.25"	7.315	9.163	2	
BP-A05-BR1.9375	ROUND BAR STEEL 1018 (1020) CR DIA.1.9375"	6.096	6.496	2	
BP-A07-SE-4.75x0.25	ROUND TUBING STEEL SEAMLESS 1026(1018)-519 CD 4.75x0.25"	6.096	4.591	1	
BP-A05-FB-0.75x2.5	FLAT BAR STEEL 1018 (1020) CR 0.75x2.5"	6.096	5.147	1	

- 18. The add-in contains **3D Sketch starting templates**.
- 19. The add-in allows you to **automatically export some of the Cut List properties to your part properties**, whenever you modify a profile. This is very strong and ensures your **BOM is always up to date with your 3D model**.
- 20. 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.



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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
- 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 Cl (mm)

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- 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

#### Cantruss

- Cantruss 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
- Channel Steel 50W
- CS Channel Aluminum 6061-T6 (Squared ends)
- MC Channel Steel 44W
- MC Channel Steel 50W

#### 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"

#### Tube (rectangle and square)

- Rect. Tubing Aluminum (Round corners Extruded)
- Rect. Tubing Aluminum (Square corners Extruded)
- 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 Extruded)
- Square Tubing Aluminum (Square corners Extruded)
- 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
- 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 Tubing

- 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

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- 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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