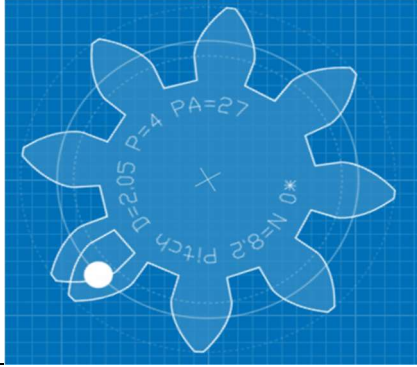
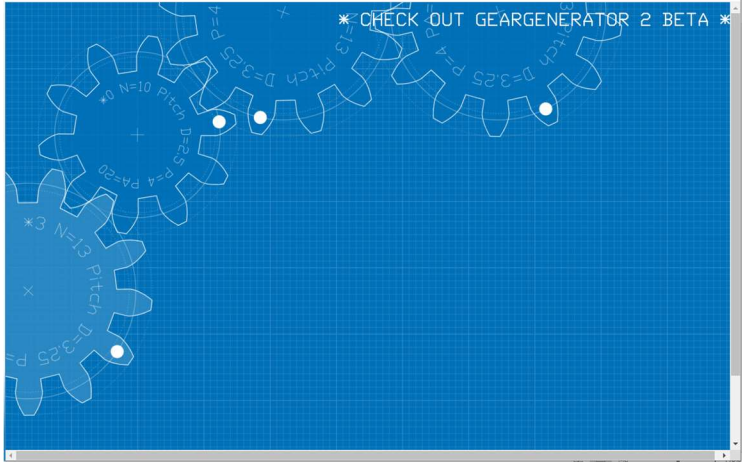
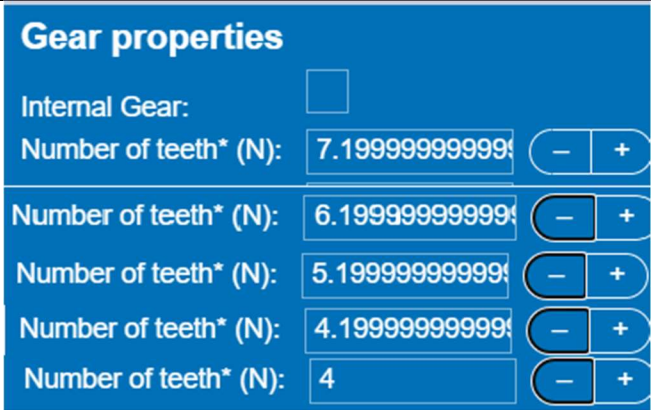
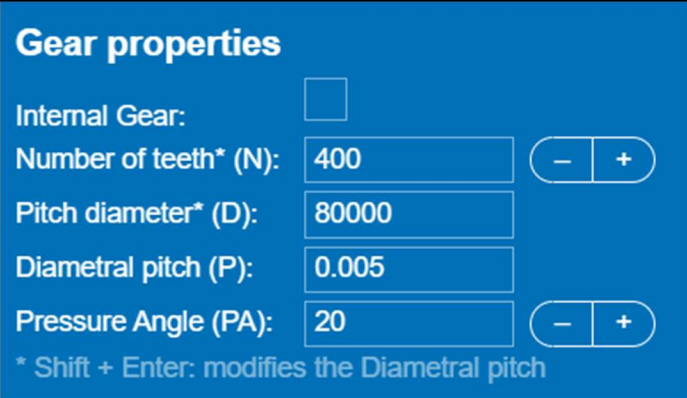


Bug Reports

ID	1
Project	Gear Generator
Created	10.09.2023
Summary	Number of teeth (N) accepts decimal numbers
Category	Problem
Severity	Normal
Description	<p>The Number of teeth field accepts numbers with decimals and the gear displays asymmetrical teeth.</p> <p>How to recreate:</p> <ol style="list-style-type: none">1. Click on the Clear button2. Gear #0 is selected3. Set the Number of teeth (N) = 8.24. Click Enter and OBSERVE that the displayed gear has asymmetrical teeth
Environment	Version 1.5
Attachments	
Reporter	Cristina Sipos

ID	2
Project	Gear Generator
Created	10.09.2023
Summary	The bottom and right-side scroll bars do not work properly
Category	Problem
Severity	Normal
Description	<p>When multiple gears are added (4) and the connection angle is changed for different gears (Gear#0, CA=0; Gear#1, CA=40; Gear#2, CA=0; Gear#3, CA=-125), the bottom and the right side scroll bars do not work properly, and the gears are truncated.</p> <p>How to recreate:</p> <ol style="list-style-type: none"> 1. Click on the Clear button 2. Add three more gears 3. Set the number of teeth for each gear: G#0=10, G#1=13, G#2=13, G#3=13 4. Set the connection angle for each gear: CA=0, CA=40, CA=0, CA= -125 5. Scroll down and up the right sidebar, and left-right the bottom bar, and OBSERVE that the bars are not working properly
Environment	Version 1.5
Attachments	
Reporter	Cristina Sipos

ID	3
Project	Gear Generator
Created	10.09.2023
Summary	The Number of teeth input field decreases non-uniformly at a certain set of values of "N"
Category	Problem
Severity	Normal
Description	<p>When the input of the Number of teeth is set to 8.2 and the "-" button is clicked repeatedly, the number decreases non-uniformly to 7.199999999999999, 6.199999999999999, 5.199999999999999, 4.199999999999999, and then to 4.</p> <p>How to recreate:</p> <ol style="list-style-type: none"> 1. Click on the Clear button 2. Gear #0 is selected 3. Set the Number of teeth (N) = 8.2 4. Click on the "-" button repeatedly and OBSERVE how the number decreases non-uniformly
Environment	Version 1.5
Attachments	 <p>The screenshot shows a blue interface titled "Gear properties". It features an "Internal Gear:" checkbox which is unchecked. Below it are five input fields for "Number of teeth* (N)", each with a minus (-) and plus (+) button to its right. The values in the input fields are 7.199999999999999, 6.199999999999999, 5.199999999999999, 4.199999999999999, and 4, showing a non-uniform decrease.</p>
Reporter	Cristina Sipos

ID	4
Project	Gear Generator
Created	10.09.2023
Summary	Diametral pitch (P) goes under its limits when clicking on Shift + Enter
Category	Problem
Severity	Normal
Description	<p>When using certain data inputs for N and D fields, I found out that when clicking on Shift + Enter the Diametral pitch (P) goes under its limit.</p> <p>How to recreate:</p> <ol style="list-style-type: none"> 1. Click on the Clear button 2. Gear #0 is selected 3. Set the Number of teeth (N) = 400 4. Set the Pitch diameter (D) = 80000 5. Click on the Shift + Enter buttons and OBSERVE that Diametral pitch (P) is set to 0.005
Environment	Version 1.5
Attachments	 <p>Gear properties</p> <p>Internal Gear: <input type="checkbox"/></p> <p>Number of teeth* (N): <input type="text" value="400"/> – +</p> <p>Pitch diameter* (D): <input type="text" value="80000"/></p> <p>Diametral pitch (P): <input type="text" value="0.005"/></p> <p>Pressure Angle (PA): <input type="text" value="20"/> – +</p> <p>* Shift + Enter: modifies the Diametral pitch</p>
Reporter	Cristina Sipos