How to Use Cutwise Widget

- Overview
- Embed a Cutwise Widget
  - Parameters
  - List of Tab Names
  - Predefined Templates
  - Usage example
- Comparison Widget
  - Parameters
  - Predefined Templates
  - Usage example
- Embed a Cutwise Video Player
  - Parameters
- List of SETUP_PRESET_ID
- Supported web browsers
- Cutwise Widget Versions History

Overview

There are two types of blocks with diamond information from Cutwise that can be embedded in website pages, web systems and platforms or online-presentations.

1. Cutwise Widget shows all captured videos and photos along with Optical Performance Scores
2. Comparison Widget allows you to compare a diamonds.
3. Cutwise Player shows one pre-selected video\image from ViBox or DiBox

⚠️ **Only diamonds published on Cutwise can be shown in Cutwise Widget (status is set to Widget, Cutwise Search or Full Access).**

Embed a Cutwise Widget

This section explains how to embed a Cutwise Widget in your application and also defines the parameters that are available in the Cutwise Widget.

By appending parameters to the iFrame URL, you can customize the view and playback experience in your application. For example, you can choose one of predefined templates for product view.

Embed a Cutwise Widget using an `<iframe>` tag. Define an `<iframe>` tag in your application in which the src URL specifies the content that the widget will load as well as any other widget parameters you want to set. The `<iframe>` tag's **width** and **height** parameters specify the dimensions of the widget. We recommend to set width and height as set in the Predefined Templates table below.

Widget Embedding template

```
<iframe
        name="Cutwise Widget"
        width="{WIDGET_WIDTH}"
        height="{WIDGET_HEIGHT}"
        frameborder="0"
        src="https://widget.cutwise.com/{TEMPLATE_NAME}/v1/{CUTWISE_ID}?autoplay={AUTOPLAY}"
        allowfullscreen
></iframe>
```

Parameters

Parameter name	Available values	Default	Example	Description
CUTWISE_ID		—	`https://widget.cutwise.com/performance/v1/333?autoplay=1`	Product ID to embed. You can see it in cutwise diamond page URL: https://cutwise/diamond/ **333** Link for embedding = https://widget.cutwise.com/performance/v1/**333**
AUTOPLAY	1, 0	1	...&autoplay=1&...	This parameter specifies whether the initial video will automatically start to play when the player loads.
SP[]	integer ID	Default media same as from the diamond page	..&sp[]=43&sp[]=10&... `https://widget.cutwise.com/visual/v1/333?sp[]=43&sp[]=10`	This parameter is available only for **visual** and **visual-performance** templates. You can select any videos to show them on widget, for example: • default: https://widget.cutwise.com/visual/v1/333 • only DiBox2.0 Fire Video and ASET Black Photo: https://widget.cutwise.com/visual/v1/333?sp[]=43&sp[]=10 • or only Color Presets: https://widget.cutwise.com/visual/v1/333?sp[]=64&sp[]=53&sp[]=38 • or only ViBox 360 media: https://widget.cutwise.com/visual/v1/333?sp[]=1&sp[]=2 With desired SETUP_PRESET_ID, like 1,2,10,38 and etc. Media SETUP_PRESET_ID can be found by clicking on image\video thumbnail on stone page and checking sp=N in browser URL or check list of SETUP_PRESET_ID on documentation page: Cutwise Widget#ListofSETUP_PRESET_ID

dd	cw-fancy cw-round	cw-round Default optical performance evaluation as from the diamond page on Cutwise.com	...&dd=cw-fancy&... `https://widget.cutwise.com/performance/v1/333?dd=cw-fancy`	This parameter is available only for **visual-performance**, **performance**, **report** and **RapNet** templates. Show Optical Performance Scores with Grades Relatively to Cutting Form. This parameter affects star rating scale and color (see star parameter). Enabled via specific parameter: ...?**dd=cw-fancy**&... For example Cutwise Widget with this parameter: https://widget.cutwise.com/performance/v1/34294?**dd=cw-fancy**
star	1, 0	0	...&star=1&... `https://widget.cutwise.com/performance/v1/333?star=1`	This parameter is available only for **visual-performance**, **performance**, **report** and **RapNet** templates. Show Optical Performance Scores as Star Rating. Enabled via specific parameter: ...?**star=1**&... For example Cutwise Widget with this parameter: https://widget.cutwise.com/visual-performance/v1/335?**star=1**
tabs	tab names	all tabs	...&tab=fire,bril,osym&...	This parameter is available only for **performance**, **report** and **RapNet** templates. One or more widget tabs can be selected by using option **tabs**. The tabs are displayed in the sequence specified in the parameter. For example only Clarity tab in Report widget: https://widget.cutwise.com/report/v1/602395?tabs=clplot or Fire, Brilliance, Optycal Symmetry tabs in Performance Widget: https://widget.cutwise.com/performance/v1/602395?tabs=fire,bril,osym

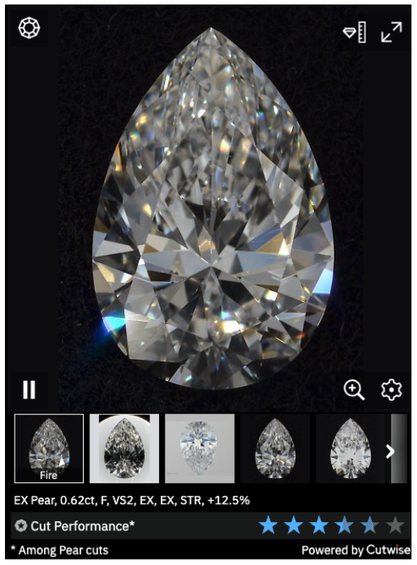
List of Tab Names

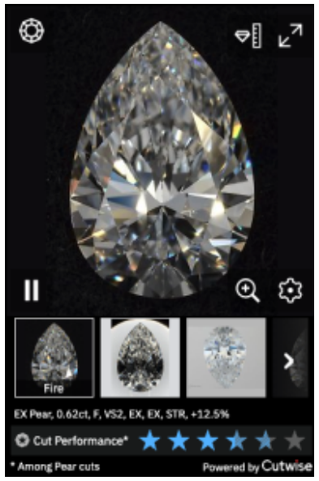
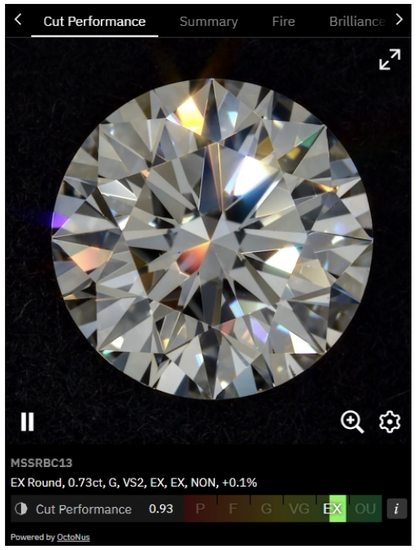
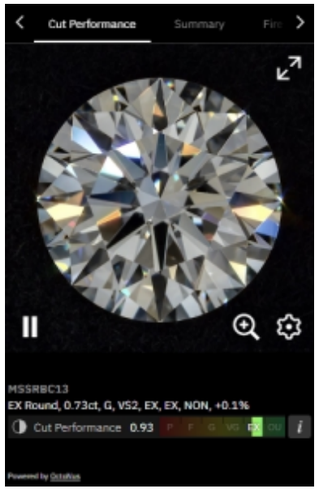
Performance, Rapnet		**Report**	
Name	**Description**	**Name**	**Description**
summary	Characteristics of the product in a general overview example: https://widget.cutwise.com/performance/v1/333?tabs=summary	**summary**	Characteristics of the product in a general overview example: https://widget.cutwise.com/report/v1/333?tabs=summary
clplot	Clarity plotting and inclusion handling section example: https://widget.cutwise.com/performance/v1/333?tabs=clplot	**clplot**	Clarity plotting and inclusion handling section example: https://widget.cutwise.com/report/v1/333?tabs=clplot
proportions	Diamond proportions and report images example: https://widget.cutwise.com/performance/v1/333?tabs=proportions	**proportions**	Diamond proportions and report images example: https://widget.cutwise.com/report/v1/333?tabs=proportions
cutperf	Performance score and media section example: https://widget.cutwise.com/performance/v1/333?tabs=cutperf		
fire	Fire score and media section example: https://widget.cutwise.com/performance/v1/333?tabs=fire		
bril	Brilliance score and media section example: https://widget.cutwise.com/performance/v1/333?tabs=bril		
osym	Optycal Symmetry score and media section example: https://widget.cutwise.com/performance/v1/333?tabs=osym		
ha	Sections with Hearts and Arrows photos example: https://widget.cutwise.com/performance/v1/333?tabs=ha		
fluor	Fluorescence score and media section example: https://widget.cutwise.com/performance/v1/333?tabs=fluor		

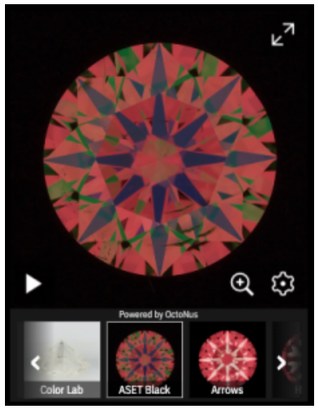
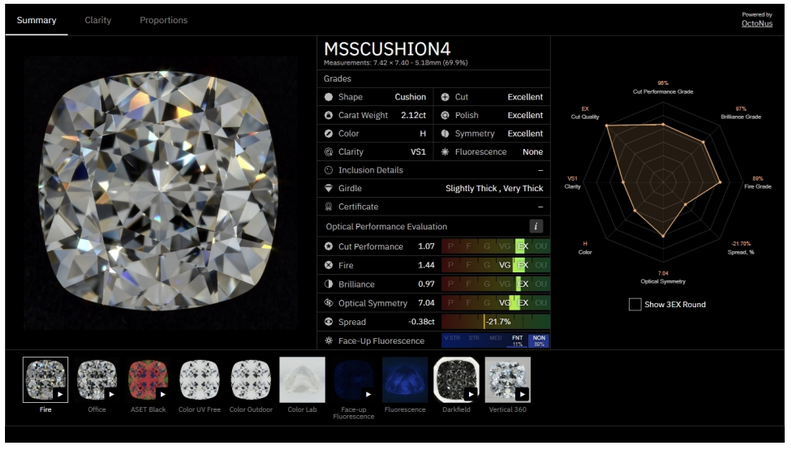
spread	Spread score and media section example: https://widget.cutwise.com/performance/v1/333?tabs=spread		
color	Color grade and media section example: https://widget.cutwise.com/performance/v1/333?tabs=color		
vibox	Vibox or other 360 media section example: https://widget.cutwise.com/performance/v1/333?tabs=vibox		
radar	Radar Chart section example: https://widget.cutwise.com/performance/v1/333?tabs=radar		
rough	Rough information and media example: https://widget.cutwise.com/performance/v1/2995?tabs=rough		
munsell **munsell-close-up**	Musell photos example: https://widget.cutwise.com/performance/v1/44686?tabs=munsell https://widget.cutwise.com/performance/v1/44686?tabs=munsell-close-up 44686		

Predefined Templates

More information about Cutwise Widget types:

Template name	Example link	Width, px	Height, px	Appearance
visual-performance	https://widget.cutwise.com/**visual-performance**/v1/335	480	658	

		320	490	
performance	https://widget.cutwise.com/**performance**/v1/337	480	640	
		320	500	

visual	https://widget.cutwise.com/**visual**/v1/333	480	580	
		320	420	
report	https://widget.cutwise.com/**report**/v1/386/	1366	768	

Usage example

Correct widget code example

```
<iframe
        name="Cutwise Widget"
        width="480"
        height="640"
        frameborder="0"
        src="https://widget.cutwise.com/performance/v1/333"
        allowfullscreen
></iframe>
```

Live demo example:

https://files-cdn.cutwise.com/widget/video-metrics-demo-v1/index.html

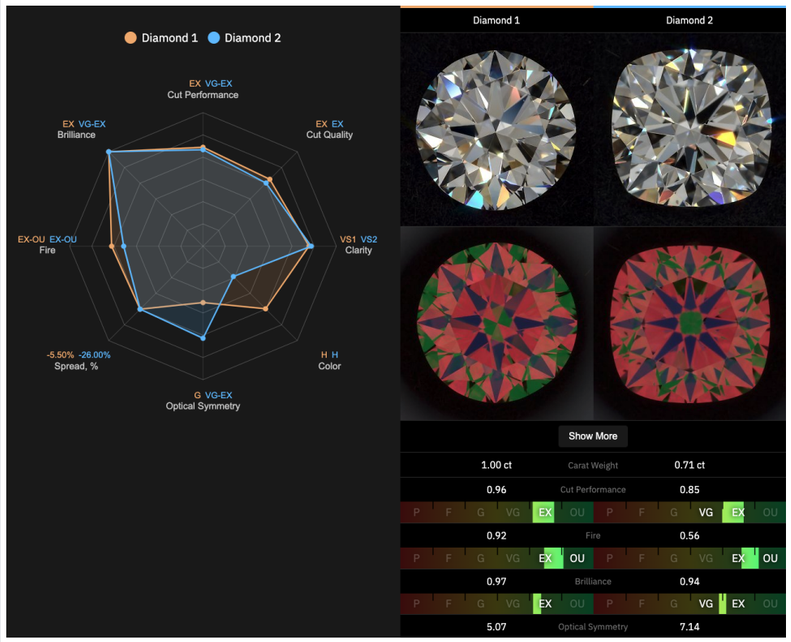
Comparison Widget

This type of widget allows you to compare a diamonds.

Parameters

Parameter name	Available values	Default	Example	Description
CUTWISE_ID		—	https://widget.cutwise.com/pair-comparison/**59027/34016**	Product ID to embed. You can see it in cutwise diamond page URL: https://cutwise/diamond/ **333** Link for embedding = https://widget.cutwise.com/pair-comparison/**59027/34016**
l	1, 0	1	https://widget.cutwise.com/pair-comparison/65152/61719?**l=1**	This parameter enable or disable special labels for LabGrown and Photoreal Diamonds. l - label 1 - enable, 0 - disable

Predefined Templates

Template name	Example link	Width, px	Height, px	Appearance
pair-comparison	https://widget.cutwise.com/pair-comparison/59027/34016	1200	1000	

Usage example

Correct widget code example

```
<iframe
        name="Cutwise Widget"
        width="1200"
        height="1000"
        frameborder="0"
        src="https://widget.cutwise.com/pair-comparison/59027/34016"
        allowfullscreen
></iframe>
```

Embed a Cutwise Video Player

This section explains how to embed a Cutwise Video Player in your application and also defines the parameters that are available in the Video Player.

By appending parameters to the IFrame URL, you can customize the playback experience in your application. For example, you can automatically play videos using the AUTOPLAY parameter or choose a media type using the SETUP_PRESET_ID parameter. This page currently defines all parameters supported in Cutwise player.

Embed a Cutwise player using an `<iframe>` tag. Define an `<iframe>` tag in your application in which the src URL specifies the content that the player will load as well as any other player parameters you want to set. The `<iframe>` tag's **width** and **height** parameters specify the dimensions of the player. We recommend choosing a similar value for width and height parameters and MEDIA_SIZE parameter.

Example:

Widget Embedding template

```
<iframe
        name="Cutwise Player"
    width="{MEDIA_SIZE}"
        height="{MEDIA_SIZE}"
        frameborder="0"
        src="https://widget.cutwise.com/video/{CUTWISE_ID}?sp={SETUP_PRESET_ID}&autoplay={AUTOPLAY}"
        allowfullscreen
></iframe>
```

Example without optional parameters:

Correct widget code example

```
<iframe
        name="Cutwise Player"
        width="480"
        height="480"
        frameborder="0"
        src="https://widget.cutwise.com/video/333"
        allowfullscreen
></iframe>
```

Live demo example:

http://files-cdn.cutwise.com/widget/video-demo-1/index.html

Code for this demo example:

Correct widget code example

```
<iframe
        name="Cutwise Player"
        width="640"
        height="640"
        frameborder="0"
        src="https://widget.cutwise.com/video/333?sp=51&autoplay=1"
        allowfullscreen
></iframe>
```

Parameters

Parameter name	Available values	Default	Example	Description
CUTWISE_ID		—	https://widget.cutwise.com/video/333	Cutwise Product ID to embed. You can see it in cutwise diamond page URL: https://cutwise/diamond/**333** Link for embedding = *https://widget.cutwise.com/video/**333***
AUTOPLAY	1, 0	0	...&autoplay=1&...	This parameter specifies whether the initial video will automatically start to play when the player loads.
GRAYSCALE	1, 0	0	...&grayscale=1&...	This parameter specifies whether the videos or images will show in grayscale tone.
AUTORESIZE	1, 0	1	...&autoresize=0&...	Enable or disable autoresize listeners. If autoresize parameter is enabled, Cutwise Widget will resize automatically based on iframe width and height parameters. The video widget's size changes discretely and adjusts to the size of the iframe. The following sizes are supported: • 160x160 • 240x240 • 320x320 • 480x480 • 640x640 • 960x960 • 1200x1200 • 1920x1920
SETUP_PRESET_ID	integer ID	first video on diamond page	...&sp=43&...	This parameter specifies what media will be shown for current CUTWISE_ID. For example widget with hearts image: https://widget.cutwise.com/video/333?**sp=14**

List of SETUP_PRESET_ID

Currently supported video are (only if this video available on product page):

Video		Image	
SetupPreset ID	**SetupPreset Title**	**SetupPreset ID**	**SetupPreset Title**
1	ViBox Vertical 360	7	Office Black
2	ViBox 360	9	Office Gray
3	ViBox Vertical Swinging	10	ASET Black
4	ViBox Swinging	11	ASET White
5	ViBox Fire Mono	12	IdealScope
6	ViBox Office Mono	13	Arrows
21	ViBox Fire	14	Hearts
22	ViBox Office	15	Munsell Color Matching
23	Darkfield Swinging (Crown)	16	Munsell Color Matching Close-up
28	ViBox Fire Gyro	17	Clarity Diagram
32	Darkfield Gyro	18	Office Inclusions
33	Vibox Fire Gyro 2D	31	Face-up Fluorescence
38	Fluorescence Live Photo	42	Table Color Outdoor
41	Office Live Photo	50	Darkfield
43	DiBox 2.0 Fire	52	Pavilion Color Lab
44	Fire Live Photo	54	Fire
45	DiBox 2.0 Office	55	Pavilion Fluorescence
47	ASET Black Live Photo	56	Table Color Lab
51	Darkfield	57	Table Color UV Free
53	Pavilion Color Lab Live Photo	58	ASET Black Table Down
60	Brightfield	59	Brightfield
81	360 Video Girdle (third-party hardware)	61	White Dome Table Down
82	360 Video Pavilion (third-party hardware)	64	Table Color Lab Live Photo

Supported web browsers

- Google Chrome (last version -3)
- FireFox (last version -3)
- Safari 11+
- Microsoft Edge (last version -3)

Cutwise Widget Versions History

December 17, 2023

- Clarity tab improvements
- New settings to select widget tabs
- Bugfixes

March 22, 2022

- New visual-performance Widget template.
- Star Rating parameter for Optical Performance Scores.
- Bugfixes.

July 3, 2020

- Comparison Widget.
- Demonstration Optical Performance Scores with Grades Relatively to Cutting Form.
- Bugfixes.

February 5, 2020

- Customized visual template.
- Bugfixes.

August 14, 2019

- New types of Cutwise Widget: **performance** and **report.**
- New templates name.
- Adaptive layout.
- Bugfixes.

June 24, 2019

- Added autoresize parameter for **media-v1** template.
- Added fullscreen view for iPad (iOs, Safari 12.2).
- Bugfixes.

March 18, 2019

- Added autoresize settings in Cutwise Player.
- Bugfixes.

December 10, 2018

Cutwise Video Player:

- Added HQ mode for high-dpi devices.
- Added lazy loading.
- Added support of plotting data.
- Added demo mode.
- Added autoplay.
- Added support of scroll on touch devices.
- Added various performance optimizations.
- Support new browser versions.
- Fixed fullscreen, stereo mode and zoom-mode related bugs, improved stability.

Cutwise Widget:

- Added HQ Mode
- Added support of adaptive layout of web pages
- Changed color theme

November 1, 2018

- Supported autoresize option;
- media_size is deprecated now.

June 19, 2018

- Added Cutwise Metrics template

April 15, 2018

- Initial Release
- Embed a Cutwise player