Videos

Please, find videos related to HPOxygen on this page.
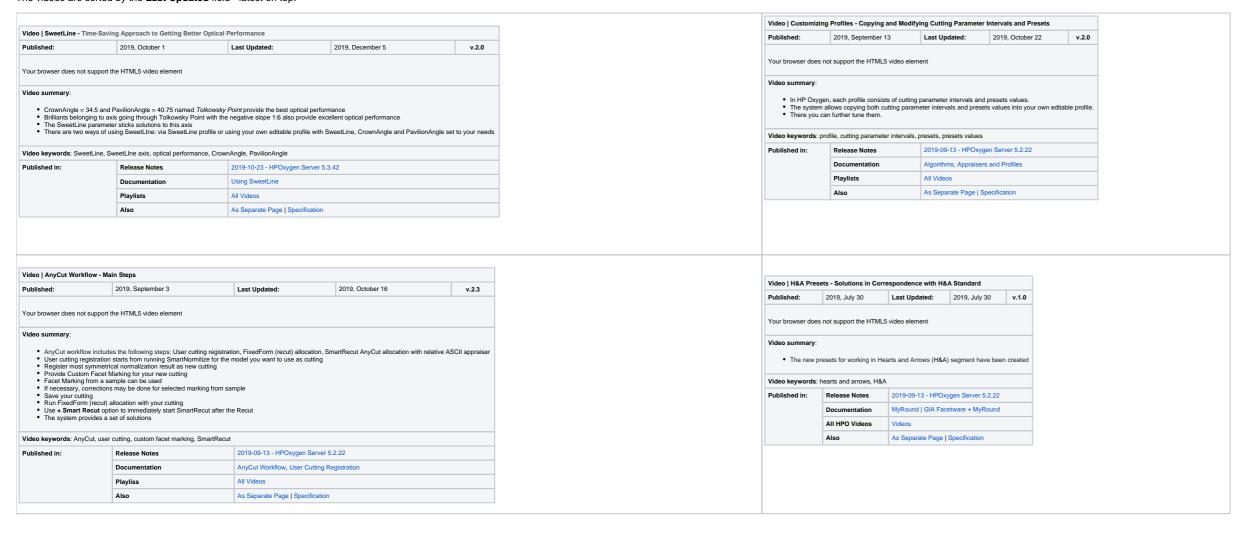
Playlists

⚠️ **Under Construction**

This section is under construction.

All Videos

The videos are sorted by the **Last Updated** field - latest on top.

Video | SweetLine - *Time-Saving Approach to Getting Better Optical Performance*

Published:	2019, October 1	Last Updated:	2019, December 5	v.2.0

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Video summary:

- CrownAngle = 34.5 and PavilionAngle = 40.75 named *Tolkowsky Point* provide the best optical performance
- Brilliants belonging to axis going through Tolkowsky Point with the negative slope 1:6 also provide excellent optical performance
- The SweetLine parameter sticks solutions to this axis
- There are two ways of using SweetLine: via SweetLine profile or using your own editable profile with SweetLine, CrownAngle and PavilionAngle set to your needs

Video keywords: SweetLine, SweetLine axis, optical performance, CrownAngle, PavilionAngle

Published in:	**Release Notes**	2019-10-23 - HPOxygen Server 5.3.42
	Documentation	Using SweetLine
	Playlists	All Videos
	Also	As Separate Page | Specification

Video | Customizing Profiles - Copying and Modifying Cutting Parameter Intervals and Presets

Published:	2019, September 13	Last Updated:	2019, October 22	v.2.0

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Video summary:

- In HP Oxygen, each profile consists of cutting parameter intervals and presets values.
- The system allows copying both cutting parameter intervals and presets values into your own editable profile.
- There you can further tune them.

Video keywords: profile, cutting parameter intervals, presets, presets values

Published in:	**Release Notes**	2019-09-13 - HPOxygen Server 5.2.22
	Documentation	Algorithms, Appraisers and Profiles
	Playlists	All Videos
	Also	As Separate Page | Specification

Video | AnyCut Workflow - Main Steps

Published:	2019, September 3	Last Updated:	2019, October 16	v.2.3

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Video summary:

- AnyCut workflow includes the following steps: User cutting registration, FixedForm (recut) allocation, SmartRecut AnyCut allocation with relative ASCII appraiser
- User cutting registration starts from running SmartNormilize for the model you want to use as cutting
- Register most symmetrical normalization result as new cutting
- Provide Custom Facet Marking for your new cutting
- Facet Marking from a sample can be used
- If necessary, corrections may be done for selected marking from sample
- Save your cutting
- Run FixedForm (recut) allocation with your cutting
- Use **+ Smart Recut** option to immediately start SmartRecut after the Recut
- The system provides a set of solutions

Video keywords: AnyCut, user cutting, custom facet marking, SmartRecut

Published in:	**Release Notes**	2019-09-13 - HPOxygen Server 5.2.22
	Documentation	AnyCut Workflow, User Cutting Registration
	Playliss	All Videos
	Also	As Separate Page | Specification

Video | H&A Presets - Solutions in Correspondence with H&A Standard

Published:	2019, July 30	Last Updated:	2019, July 30	v.1.0

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Video summary:

- The new presets for working in Hearts and Arrows (H&A) segment have been created

Video keywords: hearts and arrows, H&A

Published in:	**Release Notes**	2019-09-13 - HPOxygen Server 5.2.22
	Documentation	MyRound | GIA Facetware + MyRound
	All HPO Videos	Videos
	Also	As Separate Page | Specification

Video | MyRound Appraiser - New MaxMass Profile for Overstepping the Mass Border Value

Published:	2019, April 11	Last Updated:	2019, April 11	v.2.1

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Video summary:

- Sometimes the solutions produced using the "MyRound | GIA Facetware + MyRound" appraiser may be just a little below the mass border
- The new "MaxMass" profile for this appraiser allows getting solutions overstepping the mass border value but still inside GIA EX boundaries.
- This is achieved by weakening the non GIA Facetware criteria which increases the mass but may decrease other parameters.
- The "MaxMass" profile does not replace the standard "ModernCut" profile - they exist simultaneously producing different results: the "ModernCut" produces more balanced solutions with higher liquidity; the "MaxMass" - solutions with higher mass and price.

Video keywords: MyRound_Max, MaxMass, profile, MyRound, GIA Facetware, MyRound | GIA Facetware + MyRound, appraiser, ModernCut, MyRound_ModernCut

Published in:	Release Notes	2018.12.25 - HPOxygen Server 4.8.20
	Documentation	MyRound	GIA Facetware + MyRound
	Playlists	All Videos
	Also	As Separate Page	Specification

Video | Smart Recut Algorithm - Improved Usage of Extra Facets

Published:		Last Updated:	2019, April 8	v.2.5

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Video summary:

- The Allow Girdle Extra Facets option of "13. SmartRecut (Brilliant, Oval)" algorithm
- Before version 4.8.20: sometimes for the rough stones extra facets were not created in spite of the Allow Girdle Extra Facets option selected
- Starting from version 4.8.20: if the creation of girdle extra facets is possible and the Allow Girdle Extra Facets option is selected, they will be always created
- Result: we obtain the maximum mass caused by using the girdle extra facets
- An appraiser controls limitations for the quantity of allowed girdle extra facets by the GirdleCrownExtraFacets and GirdlePavilionExtraFacets parameters

Video keywords: girdle extra facets, smart recut, allow girdle extra facets, rough stones, GirdleCrownExtraFacets, GirdlePavilionExtraFacets

Published in:	Release Notes	2018.12.25 - HPOxygen Server 4.8.20
	Documentation	NA
	Playlists	All Videos
	Also	As Separate Page	Specification

Video | 18. Single (Recut) Algorithm - Rotated and Aligned Solutions for Further Optimization

Published:	2019, February 12	Last Updated:	2019, February 12	v.3.2

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Video summary:

- **Note** In version 5.2.22 the **18. Single (Recut)** algorithm has been renamed to **18. Semipolished**
- During the brilliant recut, the best result can be achieved through two different intermediate solutions:
- Through the solution with facet azimuths close to the current brilliant
- Through the solution rotated comparing to the current brilliant
- To select the best option in the end, an operator needs BOTH variants of the solution on the intermediate stage.
- The "18. Single (Recut)" algorithm aims to provide both the rotated solution (with the better mass) and the one better aligned to the initial stone for you to be able to try your further optimization on both of them.
- Run Smart Recut on both solutions.
- Compare the Smart Recut solutions and select the best one from the point of view of the predicted price and the complexity of the cut.
- In some cases, the best solution will come from aligned and not from the rotated.

Video keywords: 18. Semipolished, 18. Single (Recut), rotated solution, aligned solution, further optimization, cut complexity, best price

Published in:	Release Notes	2018-10-30 - HPOxygen Server 4.7.27
	Documentation	Algorithm *18. Single (Recut)
	Playlists	All Videos
	Also	As Separate Page	Specification