

MyRound | GIA Facetware + MyRound

The "MyRound | GIA Facetware + MyRound" appraiser can be used to estimate brilliant grades.

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3.1

From version 5.0.35 - Improved Functioning for Larger Mass for VG Grades

Dual Grade Display

When GIA Facetware and MyRound grades differ, both grades are displayed in the solution list simultaneously.

Grades are displayed in *GIA Facetware-MyRound* format, for example, "VG-GD" means that GIA Facetware grade is "VG" and MyRound is "GD".

Oxygen - [EXVG_156ct.mmd.angt]

FileEditViewInclusionWindowSettingsHelp

Allocation solutions

Plans & Scans

▼ Scan Info

▼ Inclusions

▼ Active Appraiser and Pricelist

Select algorithm and diamonds for allocation.

CompareStandard Report

GrCutSymGr

Imported model

2131799Brilliant1.529097.33%VS1 H +6.70EX-VGEX-VGEX

3133518Brilliant1.538299.25%VS1 H +6.69EX-VGEX-VGEX

1131798Brilliant1.537297.97%VS1 H +6.67VG-EXVG-EXEX

Imported model

Cutting: --Model Mass: 1.5617 ct

Price: --Clarity: --

Discount: --DZ Color: --

PPC: --Grade: --

Algorithm (06, Semicut (final))

Brilliant

grade of 1st diam: EX

RunDiamondResults

GIA Facetware + MyRound

Profile: MyRound_Profile1

ShowPresets

Choose polish quality: EX

Choose rounding rules for calculations: GIA Rounding Rules (recommended)

FAQLimitationsExport to

Parameters

MinMaxDevAvgRounded valueEstimated Cut GradeEstimated Symmetry GradeEstimated Polish Grade

Shape- - -Brilliant- - -

Estimated Weight (CT)- - -1.5617- - -

Diameter (mm)7.447.480.047.46- - -EX- - -

Table Size (%)60.761.00.360.961- - -EX- - -

Crown Angle (°)35.3035.900.6035.6735.5- - -EX- - -

Pavilion Angle (°)40.8041.000.2040.9141.0- - -EX- - -

Star Length (%)51.351.42.152.655- - -EX- - -

Lower Half (%)77.678.91.378.480- - -EX- - -

Girdle Bezel Thickness (%)3.143.590.463.413.5- - -EX- - -

Star Angle (°)20.422.21.821.221.2- - -EX- - -

Upper Angle (°)42.045.43.443.343.3- - -EX- - -

Lower Angle (°)41.942.20.342.042.0- - -EX- - -

Girdle Valley Minimum (%) - - -1.35MED- - -EX- - -

Girdle Valley Maximum (%) - - -2.07STK- - -EX- - -

Culet Size (%) * - - -0.17NON- - -EX- - -

Crown Height (%)13.8914.530.6314.1514.0- - -EX- - -

Pavilion Depth (%)43.0143.560.5543.2943.5- - -EX- - -

Total Depth (%) - - -60.8460.8- - -EX- - -

Table offset (%) - - -0.215- - -EX- - -

Culet offset (%) - - -0.228- - -EX- - -

Table Culet (%) - - -0.443- - -EX- - -

Crown Painting (°)-2.251.523.770.220.2- - -EX- - -

Pavilion Painting (°)-0.300.360.86-0.010.0- - -EX- - -

Sum Painting (°) - - -0.210.2- - -EX- - -

Junction Bezel Twist (°)-0.030.34- - -EX- - -

Facet Twist (°)0.041.46- - -EX- - -

Junction Bone Twist (°)-0.420.35- - -EX- - -

Misalignment ALH (°) - - -0.420.4- - -EX- - -

Radius roundness by Octahedronfor window size 15°:0.64- - -VG- - -

for window size 30°:0.71- - -VG- - -VG- - -

for window size 45°:0.72- - -VG- - -

for window size 90°:0.73- - -EX- - -

Model Table Edge (%)22.7123.701.0023.14- - -EX- - -

Table Edge TTV (%)22.823.70.923.323.3- - -EX- - -

Table edge junction (%) -0.050.540.590.12- - -EX- - -

Table angle (°)133.5136.53.0135.0- - -EX- - -

Bezel width (%)29.6130.540.9330.28- - -EX- - -

Estimated Intermediate GIA Cut Grade:VGEXEX

Estimated Final GIA Cut Grade:VGVGEX

Report generated successfully

Import...Highlight differences from Default profileExportSet To DefaultsDiscardApply

Profiles

MyRound_Max

"MyRound_Max" profile is a read-only profile with the enlarged intervals for receiving larger Facetware plans.

Video MyRound Appraiser - New MaxMass Profile for Overstepping the Mass Border Value				
Published:	2019, April 11	Last Updated:	2019, April 11	v.2.1
Your browser does not support the HTML5 video element				

- 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

Starting from HPO version 5.0.35, the intervals for the following parameters have been extended:

- Pavilion Angle
- Crown Height
- Total Height

Old

GIA Facetware + MyRound

Profile: MyRound_Max (read only)

Show Presets

Cut	Symmetry		[FR]	[GD]	[VG]	[EX]	EX]	VG]	GD]	FR]
Parameter										
Table			10	46,5	49,5	51,5	62,5	66,5	69,5	99
CrownAngle			10	21,75	26,25	31,25	36,75	38,75	40,25	90
PavilionAngle			10	38,7	39,7	40,5	41,9	42,5	43,1	90
SweetLine			-9	-6	-3	-1,5	1,5	3	6	9
StarLength			10	32,5	37,5	42,5	67,5	72,5	77,5	90
LowerGirdleLength			50	57,5	62,5	67,5	87,5	92,5	97,5	99
GirdleBezel			0	1,25	1,75	2,25	4,75	5,75	7,25	20
GirdleValley			0	0	0	0,75	2,94	4,14	6,14	20
CrownHeight			5	10,5	12	12,3	17	17,5	18,5	40
TotalHeight			10	54	57	58	64,5	66	70	90
Culet			0	0	0	0	1	1,5	2	20
CrownPainting			-9	-6	-3,5	-3,2	4,2	5	7	20
PavilionPainting			-9	-5	-3,5	-3,2	3,2	4	6	20
SumPainting			-9	-6	-5	-4,2	6,2	8	10	20
GirdleVerticality			-20	-1,5	-1	-1	0,5	1	1,5	20
HeightGirdleExtraFacet			0	0	0	0	3	4	8	20
GirdleCrownExtraFacets			0	0	0	0	0	2	4	20
GirdlePavilionExtraFacets			0	0	0	0	3	4	6	20
GirdleExtraFacets			0	0	0	0	2	4	8	20

New

GIA Facetware + MyRound

Profile: MyRound_Max

Show Presets

"Cushion" cut is not supported by current appraiser

Parameter	Grade	Value	[FR]	[GD]	[VG]	[EX]	EX]	VG]	GD]	FR]
Table			10	46,5	49,5	51,5	62,5	66,5	69,5	99
CrownAngle			10	21,75	26,25	31,25	36,75	38,75	40,25	90
PavilionAngle			10	38,7	39,7	40,35	41,9	42,5	43,1	90
SweetLine			-9	-6	-3	-1,5	1,5	3	6	9
StarLength			10	32,5	37,5	42,5	67,5	72,5	77,5	90
LowerGirdleLength			50	57,5	62,5	67,5	87,5	92,5	97,5	99
GirdleBezel			0	1,25	1,75	2,25	4,75	5,75	7,25	20
GirdleValley			0	0	0	0,75	2,94	4,14	6,14	20
CrownHeight			5	9	10	12	17	18,5	19	40
TotalHeight			10	54	56	57,5	64,5	66	70	90
Culet			0	0	0	0	1	1,5	2	20
CrownPainting			-9	-6	-3,5	-3,2	4,2	5	7	20
PavilionPainting			-9	-5	-3,5	-3,2	3,2	4	6	20
SumPainting			-9	-6	-5	-4,2	6,2	8	10	20
GirdleVerticality			-20	-1,5	-1	-1	0,5	1	1,5	20
HeightGirdleExtraFacet			0	0	0	0	3	4	8	20
GirdleCrownExtraFacets			0	0	0	0	0	2	4	20
GirdlePavilionExtraFacets			0	0	0	0	3	4	6	20
GirdleExtraFacets			0	0	0	0	2	4	8	20

Extended boundary

Narrowed boundary

MyRound_Commercial

The "MyRound_Commercial" profile parameter ranges statistically match the brilliants produced by the large manufacturer.

GIA Facetware + MyRound

Profile: MyRound_Commercial1 (read only)

Show Presets

Cut	Symmetry	Parameter	Grade	Value	[FR]	[GD]	[VG]	[EX]	[EX]	[VG]	[GD]	[FR]
		Table			10	46,5	49,5	54,5	59,5	66,5	69,5	99
		CrownAngle			10	21,75	26,25	31,8	36,6	38,75	40,25	90
		PavilionAngle			10	38,7	39,7	40,55	41,75	42,5	43,1	90
		SweetLine			-9	-6	-3	-1,5	1,5	3	6	9
		StarLength			10	32,5	37,5	46	52	72,5	77,5	90
		LowerGirdleLength			50	57,5	62,5	75	82	92,5	97,5	99
		GirdleBezel			0	1,25	1,75	2,9	4,2	5,75	7,25	20
		GirdleValley			0	0	0	1,35	2,4	4,14	6,14	20
		CrownHeight			5	10,5	12	12,6	16,5	17,5	18,5	40
		TotalHeight			10	54	57	59	64	66	70	90
		Culet			0	0	0	0	0,5	1,5	2	20
		CrownPainting			-9	-6	-3	-1,5	1,5	5	7	20
		PavilionPainting			-9	-5	-3	-1,5	1,5	4	6	20
		SumPainting			-9	-6	-5	-2,5	2,5	8	10	20
		GirdleVerticality			-20	-1,5	-1	-1	0,5	1	1,5	20
		HeightGirdleExtraFacet			0	0	0	0	3	4	8	20
		GirdleCrownExtraFacets			0	0	0	0	0	2	4	20
		GirdlePavilionExtraFacets			0	0	0	0	3	4	6	20
		GirdleExtraFacets			0	0	0	0	2	4	8	20

GIA Facetware + MyRound

Profile: MyRound_Commercial1 (read only)

Cut	Symmetry	Parameter	Grade	Value	[EX]	[VG]	[GD]	[FR]
		Diameter			0,7	1,4	2,8	20
		Table			0,85	1,7	3,4	20
		CrownAngle			1	1,8	3,6	20
		PavilionAngle			0,7	1,2	2,4	20
		StarLength			3,5	12	24	48
		LowerGirdleLength			3,2	8	16	32
		GirdleBezel			0,9	1,8	3,6	20
		GirdleBezelLocal			0,3	0,9	1,8	20
		StarAngle			1,7	5,6	11,2	22,4
		UpperGirdleAngle			2,75	8	16	32
		LowerGirdleAngle			1,1	2,6	5,2	10,4
		HalvesWidthLocal			6	10	15	20
		CrownHeight			1	1,8	3,6	20
		PavilionDepth			1	1,8	3,6	20
		GirdleValley			1	1,8	3,6	20
		GirdleValleyLocal			0,3	0,9	1,8	20
		GirdleBone			1,1	1,8	3,6	20
		GirdleBoneLocal			0,5	0,9	1,8	20
		GirdleSlopeDeviationMax			3	4	5	32
		2RRoundness22_5			1,1	1,5	2	20
		2RRoundness45			1,3	2	2,8	20
		2RRoundness90			1,3	2,4	3,6	20
		TableOffset			0,5	0,8	1,6	20
		CuletOffset			0,5	0,8	1,6	20
		TableCuletOffset			0,7	1,2	2,4	20
		TableEdge_TEV			2	3	4	20
		BezelWidth			2,2	3	4	20
		StarEdge			1,7	2,5	4	20
		CrownPainting			4,5	6	8	20
		PavilionPainting			4,5	6	8	20
		TableAngle			4,5	6	8	20
		OppositeAzimuth			2,75	4	6	20
		FacetTwistMax			2,2	3	4	20
		JunctionBezelTwistMax			1	2	3	20
		OppositeSlopeSumHalf			0,5	1	1,5	20
		StarFacetTwist			2	3	4	20
		JunctionBoneTwistMax			1	2	3	20
		MainCrownFacetsAzimuthSymm			3	4	6	20
		MainPavilionFacetsAzimuthSymm			2	4	6	20
		StarFacetsAzimuthSymm			3	4	6	20

MyRound_SweetLine

The "MyRound_SweetLine" profile is based on the "MyRound_ModernCut" profile but holds narrowed boundaries for the SweetLine parameter, which means it is aimed at producing solutions with better optical performance (see Using SweetLine for details).

▼ Active Appraiser and Pricelist

Appraiser: MyRound | GIA Facetware + MyRound

Profile: MyRound_SweetLine

Hide Editor

Pricelist: LEXUS_PRICE_09MARCH_2012

CrownAngle		EX	34.694	10	21,75	26,25	31,25	36,75	38,75	40,25	90
PavilionAngle		EX	40.817	10	38,7	39,7	40,5	41,9	42,5	43,1	90
SweetLine		EX	0.110	-3	-1,5	-0,6	-0,3	0,3	0,6	1,5	3

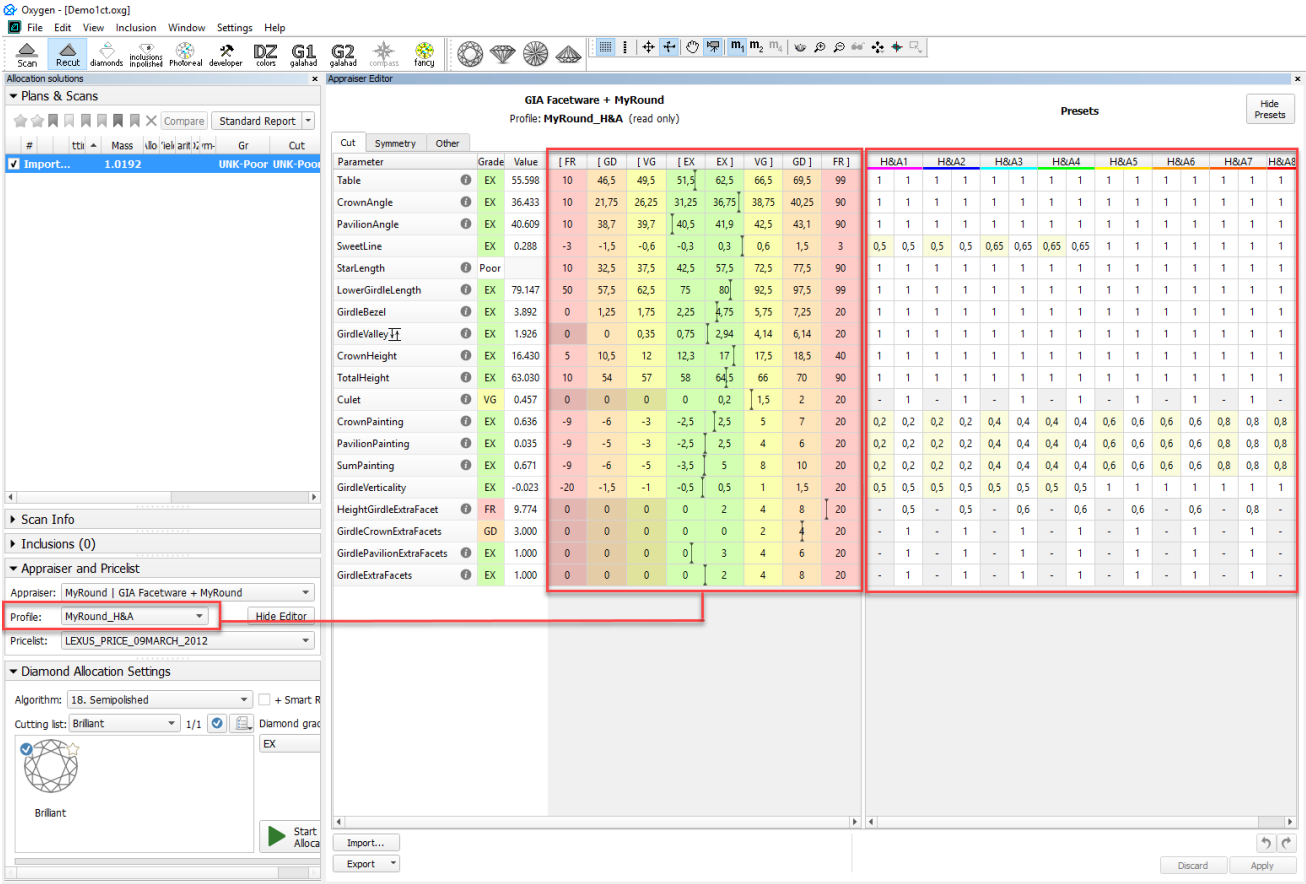
MyRound_SweetLine

SweetLine		EX	0.093	-9	-6	-3	-1,5	1,5	3	6	9
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MyRound_ModernCut

MyRound_H&A (Hearts & Arrows)

The "MyRound_H&A" profile is intended to produce the solutions optimal from the perspective of the Hearts and Arrows (H&A) optical symmetry standard. The profile also contains the set of 8 profile-specific H&A presets, that allow getting a variety of excellent H&A solutions within one run for later comparison and selecting the best one.



In the video below you can find some information on how H&A profile and presets can be used and examples of produced solutions.

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

Published:

2019, July 30

Last Updated:

2019, July 30

v.1.0

Your browser does not support the HTML5 video element

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

Latest Changes and Upgrades

From version 5.0.35 - Improved Functioning for Larger Mass for VG Grades

Basing on examples from the clients, starting from HPO version 5.0.35, improvements have been implemented for the appraiser. The implemented changes provide for the appraiser the ability to effectively interact with the complex set of parameters from GIA Facetware that have the VG grade there and as a result, the appraiser allows finding VG solutions with the larger mass.

▼ Plans & Scans

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CompareStandard Report

#CuttingPriceMass ▲ lloYieldClarityDZ ymGrCutSymBr

✓ Shadow scan1.0533VG-PoorVG-PoorVG-Poor

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▼ Active Appraiser and Pricelist

Appraiser: MyRound | GIA Facetware + MyRound

Profile: MyRound_ModernCut_2018-12-14

Pricelist: LEXUS_PRICE_09MARCH_2012

Select algorithm and diamonds for allocation.

Algorithm13. Single-M

Cutting listBrilliantgrade of 1st diam:VG

🟢 New version

🟡 Old version

▼ Plans & Scans

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CompareStandard Report

#CuttingPriceMass ▲ AllocYieldClarityDZ ymGrCutSymBr

✓ Shadow scan1.0533VG-PoorVG-PoorVG-Poor

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Smart Recut

🚩 Starting from new version solution

🚩 Starting from old version solution