MyRound | GIA Facetware + MyRound

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

On this page:

Dual Grade Display

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

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

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**

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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

Parameter		[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	40,5	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

Cut | Symmetry

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.

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

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

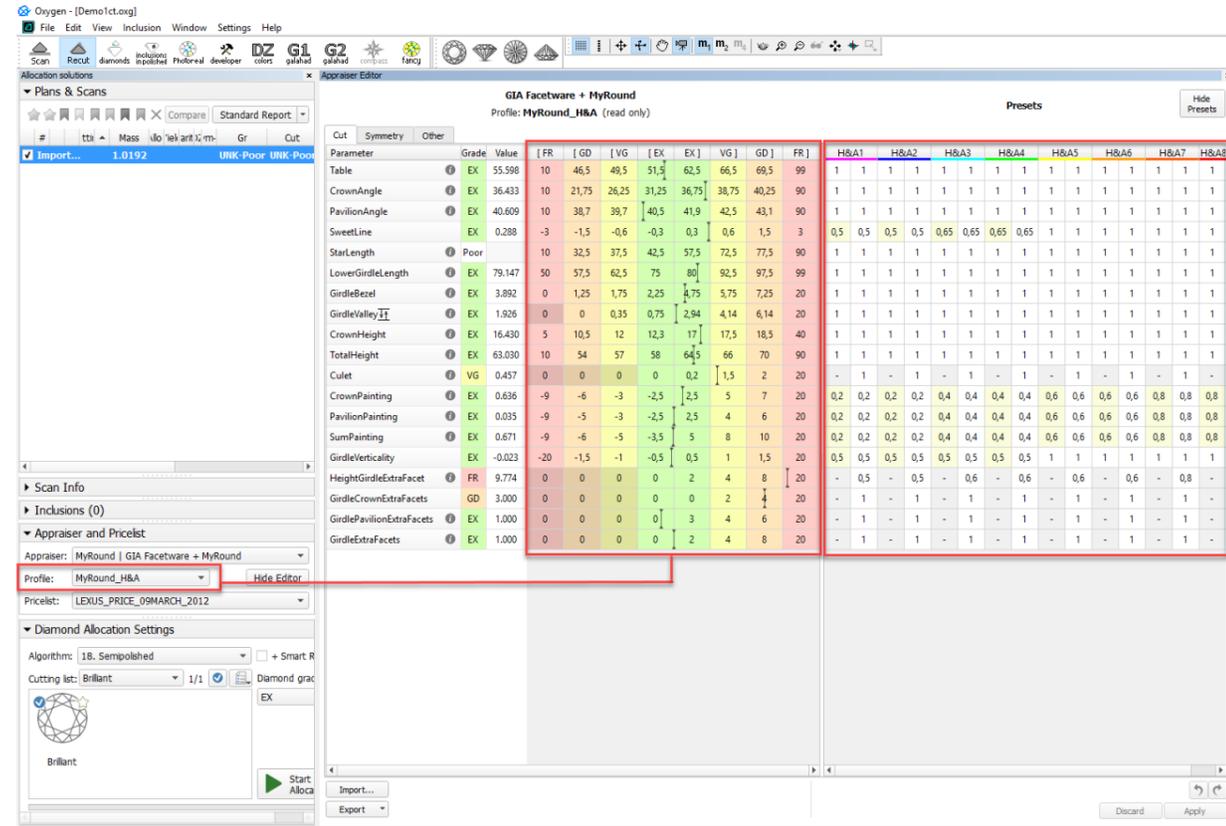Profile: MyRound_SweetLine   Hide Editor

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	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

#			Cutting	Price	Mass ▲	llo	Yield	Clarity	DZ	ym-	Gr	Cut	Sym	Br
	☑		Shadow scan		1.0533						VG-Poor	VG-Poor	VG-Poor	
☐	1	🟢 ●	Brilliant	6518$	1.0002		94.94%	VS1	H		VG	VG	VG-EX	
☐	7	🟡 ●	Brilliant	5148$	0.9980		93.99%	VS1	H		VG	VG	EX	
☐	2	🟢 ●	Brilliant	5096$	0.9799		93.04%	VS1	H		VG	VG	VG	
☐	3	🟢 ●	Brilliant	5044$	0.9727		92.09%	VS1	H		VG	VG	VG	
☐	4	🟢 ●	Brilliant	4992$	0.9673		91.14%	VS1	H		VG	VG	VG	
☐	8	🟡 ●	Brilliant	4992$	0.9666		91.14%	VS1	H		VG	VG	VG	
☐	5	🟢 ●	Brilliant	4888$	0.9432		89.24%	VS1	H		VG	VG	EX	
☐	9	🟡 ●	Brilliant	4836$	0.9299		88.29%	VS1	H		VG	VG	VG	

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.
Algorithm: 13. Single-M
Cutting list: Brilliant   grade of 1st diam: VG

🟩 New version
🟨 Old version

Plans & Scans

#			Cutting	Price	Mass ▲	Alloc	Yield	Clarity	DZ	ym-	Gr	Cut	Sym	Br
	☑		Shadow scan		1.0533						VG-Poor	VG-Poor	VG-Poor	
☐	18	🔴 ●	Brilliant	6714$	1.0348	SR	97.79%	VS1	H		VG	VG	VG	
☐	22	🔴 ●	Brilliant	6714$	1.0341	SR	97.79%	VS1	H		VG	VG	VG	
☐	19	🔴 ●	Brilliant	6714$	1.0340	SR	97.79%	VS1	H		VG	VG	VG	
☐	23	🔴 ●	Brilliant	6714$	1.0333	SR	97.79%	VS1	H		VG	VG	VG	
☐	11	🔵 ●	Brilliant	6714$	1.0332	SR	97.79%	VS1	H		VG	VG	EX	
☐	13	🔵 ●	Brilliant	6714$	1.0327	SR	97.79%	VS1	H		VG	VG	EX	
☐	10	🔵 ●	Brilliant	6714$	1.0324	SR	97.79%	VS1	H		VG	VG	EX	
☐	21	🔴 ●	Brilliant	6714$	1.0321	SR	97.79%	VS1	H		VG	VG	VG	
☐	25	🔴 ●	Brilliant	6714$	1.0312	SR	97.79%	VS1	H		VG	VG	VG	
☐	15	🔵 ●	Brilliant	6714$	1.0304	SR	97.79%	VS1	H		VG	VG	EX	
☐	12	🔵 ●	Brilliant	6714$	1.0294	SR	97.79%	VS1	H		VG	VG	EX	
☐	20	🔵 ●	Brilliant	6714$	1.0287	SR	97.79%	VS1	H		VG	VG	EX-VG	
☐	17	🔵 ●	Brilliant	6714$	1.0286	SR	97.79%	VS1	H		VG	VG	EX	
☐	16	🔵 ●	Brilliant	6649$	1.0234	SR	96.84%	VS1	H		VG	VG	EX	

Smart Recut

🔴 Starting from new version solution
🔵 Starting from old version solution