

AnyCut Relative Appraiser



This functionality is currently available:

- under "Developer" HASP key
- under special key which includes [AnyCut Workflow](#) feature

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Overview

The "MyAnyCutOpt | MyAnyCutRelative" appraiser (also known as *AnyCut relative appraiser* or *relative appraiser*) allows performing allocation for any ASCII-cuttings uploaded to the system. The appraiser estimates some parameters value **difference** between the current and a reference model. The reference model is considered to be the good one and the relative appraiser estimates if the current model parameters are in the allowable range comparing to the reference one. The relative appraiser is an important part of the [AnyCut Workflow](#) and is necessary for working with the [client cuttings](#).

The screenshot shows the Oxygen software interface with the 'MyAnyCutRelative' appraiser window open. The window displays a table of parameters and their values, along with a sidebar with various options and a bottom panel with buttons like Import, Export, and Start Allocation.

Parameter	Grade	Value	[FR]	[GD]	[VG]	[EX]	[EX]	[VG]	[GD]	[FR]
GirdleRatio	EX	1.401 (-0.031)	-0,3	-0,3	-0,3	-0,1	0,1	0,3	0,3	0,3
Table	EX	61.241 (+1.495)	-8	-8	-7	-2	2	7	8	8
CrownHeight	EX	15.271 (-1.437)	-4	-3	-2,5	-1,5	1,5	2,5	3	4
GirdleBezel	EX	9.472 (+2.181)	-4	-3	-3	-3	3	3	3	4
PavilionHeight	EX	47.384 (+0.041)	-10	-5	-3,5	-1	1	3,5	5	10
TotalHeight	EX	71.954 (+0.611)	-7,5	-6,5	-4,5	-1,5	1,5	4,5	6,5	7,5








The relative appraiser supports **Fix Girdle** , **Fix Crown** and **Fix Facets** options of the [Smart Recut](#) algorithms.

Intervals Validation

In Relative appraiser:

- You cannot set value which module is less than 0,01.
- You can set only negative values for left boundaries.

Wrong values are highlighted with red. On editing finish, the wrong value is automatically substituted with the nearest correct (0,01 or -0,01).

Cut		Symmetry								
Parameter		[FR	[GD	[VG	[EX	EX]	VG]	GD]	FR]	
GirdleRatio		-0,3	-0,3	-0,3	-0,1	0,01	0,3	0,3	0,3	
Table		-7,9	-7,8	-6,9	-0,0		0,01	7,1	8,1	8,5
CrownHeight		-13,5	-13,5	-13,5	-8	0,01	0,01	3	4	
GirdleBezel		-3,7	-2,6	-2,6	-2,6	3	3	3	4	
PavilionHeight		-9,6	-4,6	-3,1	-0,01	4,3	4,3	5	10	
TotalHeight		-9,7	-9,7	-9,7	-9,7	1,5	4,5	6,5	7,5	

Previous Versions

In previous versions, the name of the algorithm was "TestRelativeAscii | MyRelativeAscii".

Oxygen - [SmartZoomDemo1_4.56ct_Cushion_C4_ver2.oxgz]

File Edit View Inclusion Window Settings Help

Scan Recut diamonds Inclusions Impolished Photoreal developer DZ colors G1 galahad G2 galahad compass fancy

Allocation solutions

Plans & Scans

Compare Standard Report

#	Price	Cutting	Mass	Yield	Clarity	Col-ym-	Gr	Cut	Sym	Br
1	7153\$	C4-ASC	1.7935	39.32%	VS1	H	EX	EX	EX	
2	6434\$	C4-ASC	1.6625	36.46%	VS1	H	EX	EX	EX	
3	6202\$	C4-ASC	1.6003	35.14%	VS1	H	EX	EX	EX	
4	5853\$	C4-ASC	1.5118	33.17%	VS1	H	EX	EX	EX	

Imported model 4.5526 100.00%

Diamond Info

1 Cutting: C4-ASC Model Mass: 1.7935 ct
Price: 7 153 \$ Clarity: VS1
Discount: -10.00 % DZ Color: H
PPC: 3996 \$/ct Grade: EX

Inclusions

Curved Crack-1 I1

Active Appraiser and Pricelist

Appraiser: TestRelativeAscii | MyRelativeAscii
Profile: MyRelativeAscii_1
Pricelist: LEXUS_PRICE_09MARCH_2012

Select algorithm and diamonds for allocation.

Algorithm 13. Single-M

Cutting list

Manual selection
Radiant P28C24
C4-ASC

grade of 1st diam: EX

Run Diamond Results

Appraiser Editor

MyRelativeAscii
Profile: MyRelativeAscii_1

Show Presets

Parameter	Grade	Value	[FR	[GD	[VG	[EX	EX]	VG]	GD]	FR]
GirdleRatio	EX	1.003 (+0.003)	-0,3	-0,3	-0,3	-0,25	0,25	0,3	0,3	0,3
Table	EX	57.539 (+3.287)	-8	-8	-7	-5	5	7	8	8
CrownHeight	EX	15.003 (+1.026)	-4	-3	-2,5	-2	2	2,5	3	4
GirdleBezel	EX	3.786 (-0.016)	-4	-3	-2	-1,5	1,5	2	3	4
PavilionHeight	EX	51.911 (+0.187)	-10	-5	-3,5	-2,5	2,5	3,5	5	10
TotalHeight	EX	70.700 (+1.197)	-7,5	-6,5	-4,5	-3,5	3,5	4,5	6,5	7,5

Current 70.700
Reference 69.503
Difference +1.197

Import... Highlight differences from Default profile
Export Set To Defaults Discard Apply

Related Pages

- [User Cutting Registration](#)
- [AnyCut Relative Appraiser](#)
- [19. SmartRecut \(Brilliant, Oval, AnyCut\)](#)
- [AnyCut Workflow](#)