2018-03-29 - HPOxygen Server 4.2.7

New parameters for MyOval

The new symmetry parameters (highlighted by blue on below screenshot) for Oval cutting are added for edit and tune of MyOval in Appraiser Editor:

Appraiser Editor

MyOvalPerformanceWare

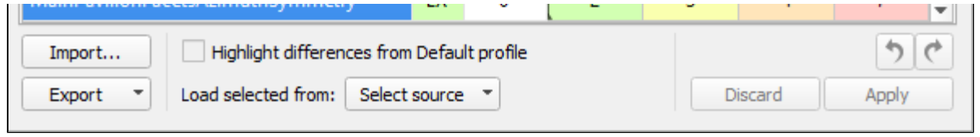
Selected: 19 of 36

Profile: **OvalPW2**

Show Presets

Cut | Symmetry

Parameter	Grade	Value	EX]	VG]	GD]	FR]
CrownAngle	EX	0	1	2	4	7,5
CrownHeight	EX	0.00596	1,5	3	4,5	7,5
CrownHeightValley	EX	0.848	1,5	3	4,5	7,5
StarAngle	EX	0	2	3	4	7,5
StarHeight	EX	0	3	5	8	16
StarLength	EX	0.161	3	5	8	16
PavilionAngle	EX	0	1	2	4	7
PavilionHeight	EX	0.00457	1,5	3	4,5	7,5
PavilionHeightValley	EX	0.496	1,5	3	4,5	7,5
GirdleBezel	EX	0.0105	2	3	4,5	7,5
GirdleBezelLocal	EX	0.0105	1	1,5	2,2	3,7
GirdleValley	EX	1.345	2	3	4,5	7,5
GirdleValleyLocal	EX	0.61	1	1,5	2,2	3,7
GirdleBone	EX	0.014	2	3	4,5	7,5
GirdleBoneLocal	EX	0.00702	1	1,5	2,2	3,7
JunctionBezelTwistMax	EX	0	1	2	3	20
JunctionBoneTwistMax	EX	0	1	2	3	20
JunctionStarTwistMax	EX	10.059	15	25	35	45
CrownHeightCorrelation	EX	0.0233	1,5	3	4,5	7,5
PavilionHeightCorrelation	EX	0.0233	1,5	3	4,5	7,5
TableOffset	EX	0	0,5	1	2	4
LowerGirdleDepth	EX	0	2	8	16	32
LowerGirdleLength	EX	0.404	3	5	8	16
LowerGirdleLengthLocal	EX	0.314	1,5	2,5	4	8
CuletOffsetWidthWise	EX	0	0,5	1	2	3
CuletOffsetLengthWise	EX	0	0,5	1	2	3
TablePointsAxialSymmetry	EX	0	1	2	4	7
StarPointsAxialSymmetry	EX	0	1	2	4	7
PavilionPointsAxialSymmetry	EX	0	1	2	4	7
StarFacetsAzimuthSymmetry	EX	0	2	3	4	7
MainCrownFacetsAzimuthSymmetry	EX	0	2	3	4	7
UpperGirdleFacetsAzimuthSymmetry	EX	0	2	3	4	7
LowerGirdleFacetsAzimuthSymmetry	EX	0	2	3	4	7
MainPavilionFacetsAzimuthSymmetry	EX	0	2	3	4	7

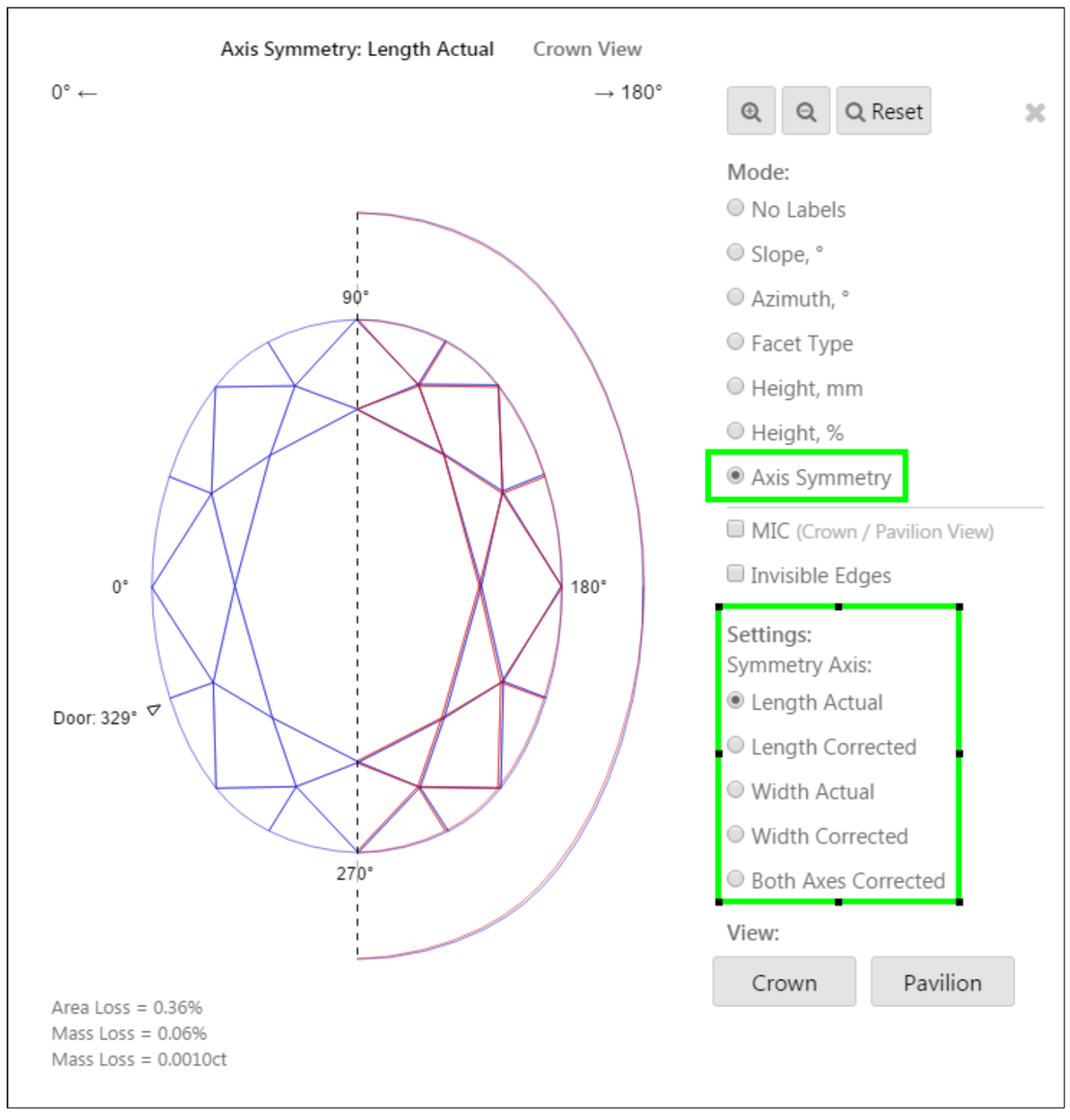


To edit quality group limits for new parameters select **MyOvalPlus|MyOvalPerformanceWare** or **MyOvalOpt|MyOval** appraiser**.**

Default limits are set according out analysis of Oval diamonds. These limits help to get symmetrical solutions with high optical performance.

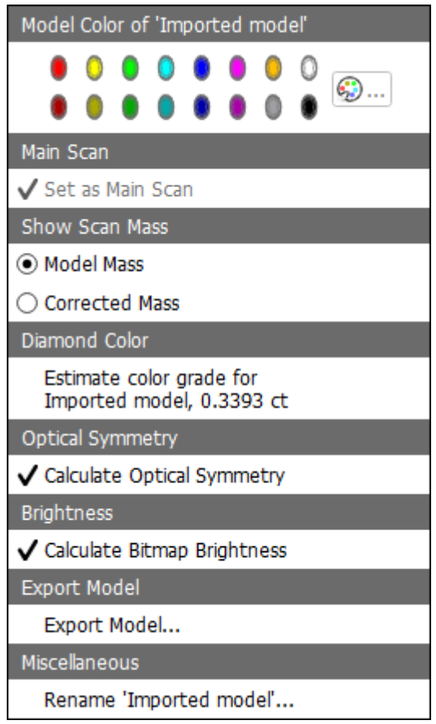
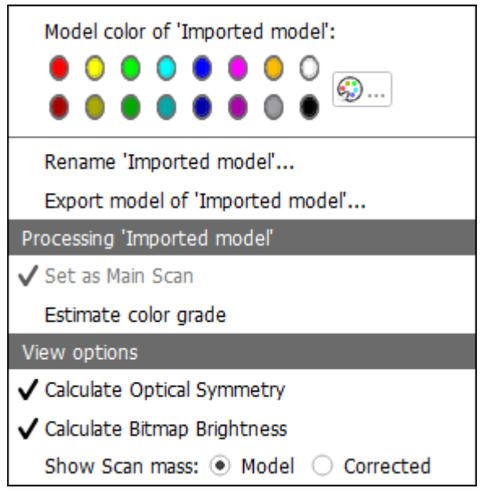
Axis symmetry in I3D Mini View

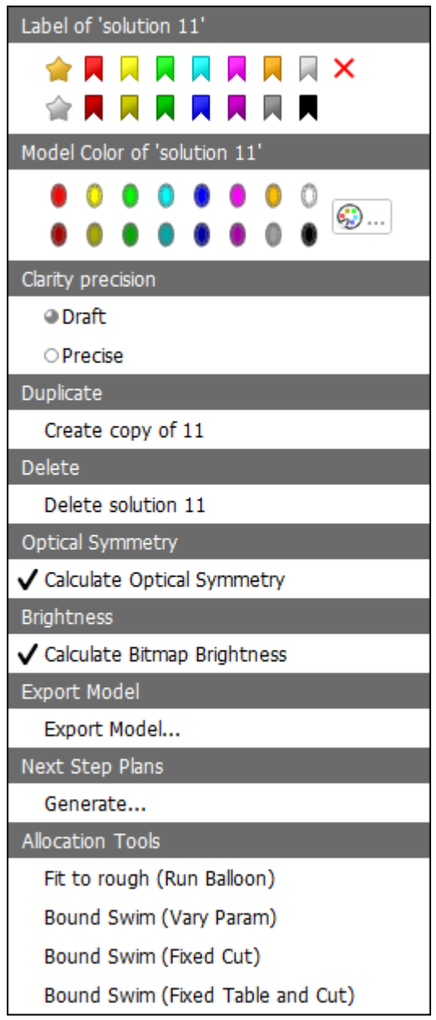
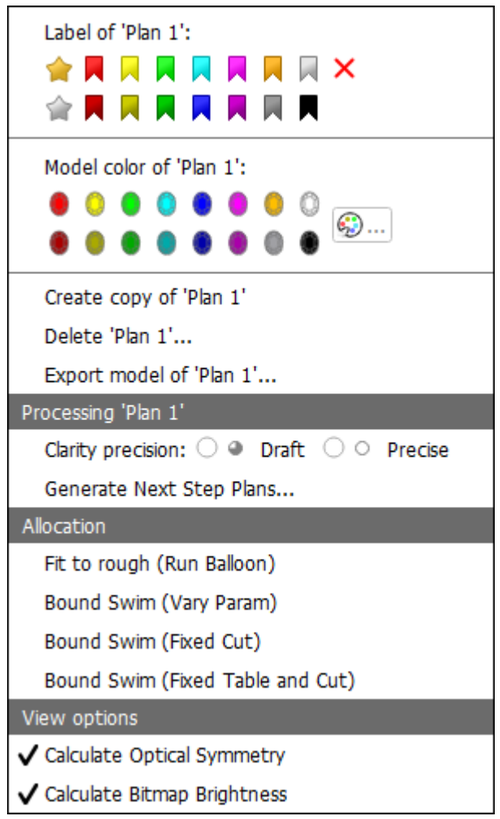
Picture of axis symmetry is added to I3D Mini View:



Redesign of context menu Plans&Scans

Context menu in Plans&Scans solution list was redesigned to make it more concise:

Object	Before version 4.2.7	Since version 4.2.7
Imported model		

Solution		
Selection of several solutions