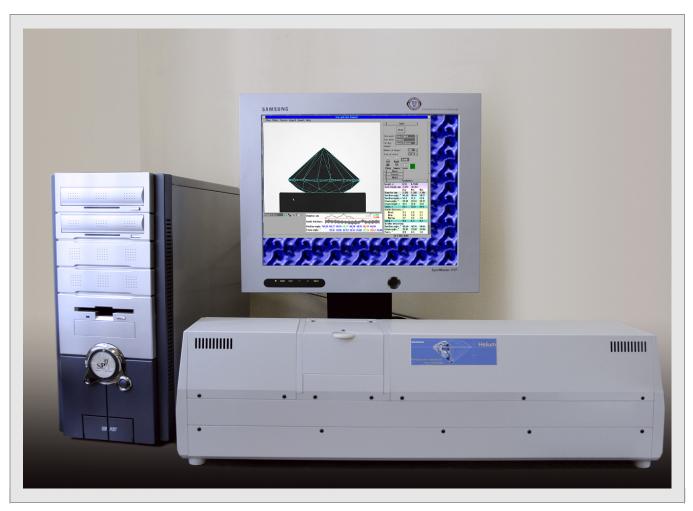
HELIUM POLISH

Helium Polish scanner is modern equipment for cutting factories, laboratories and trade businesses



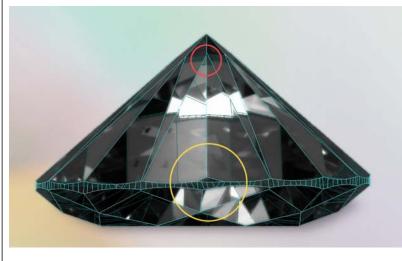
Helium Polish 3D model reveals major and minor symmetry features

Photo of the diamond with 3D-model obtained on Helium scanner. Major and minor symmetry features are shown by red and yellow circles

Symmetry feature

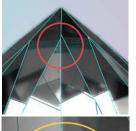
Helium model with the photo

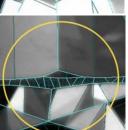
Photo of the diamond



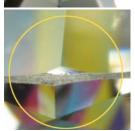
Not proper facet junction pointing:

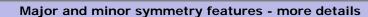
Extra facet:

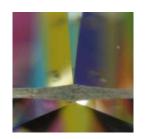






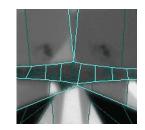


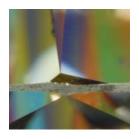


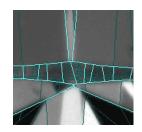




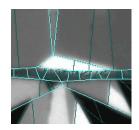




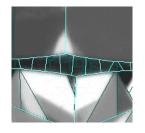




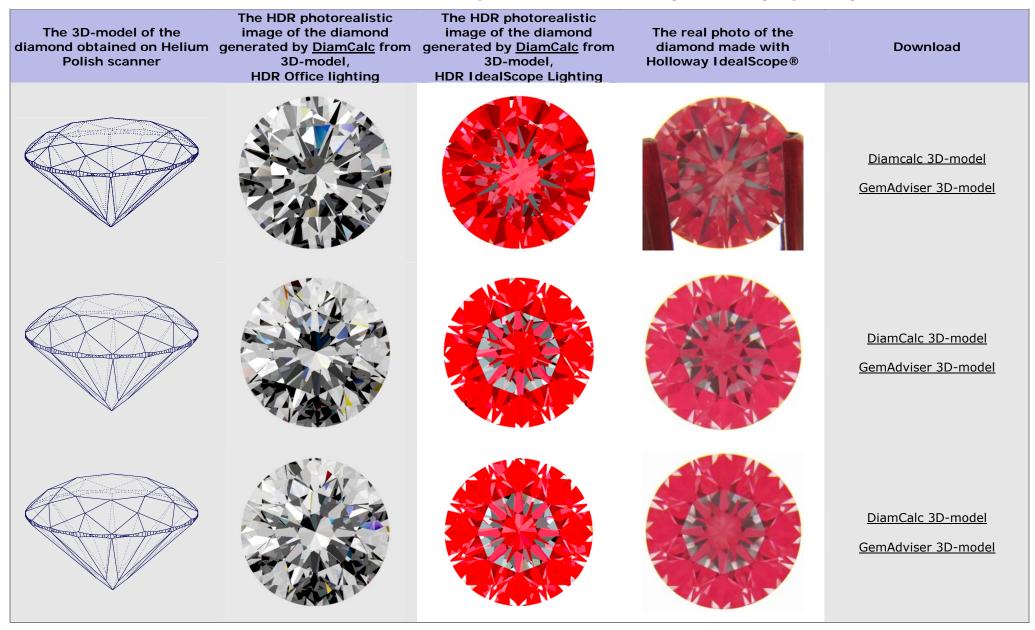








DiamCalc creates HDR photorealistic image of round brilliant scanned by Helium Polish and estimates optic and minor symmetry quality



Helium Polish and DiamCalc make very detailed reports

Download MS Word Helium Polish report in PDF

ILLUSTRATED REPORT FOR BRILLIANT

Polished Brilliant

03.08.2009

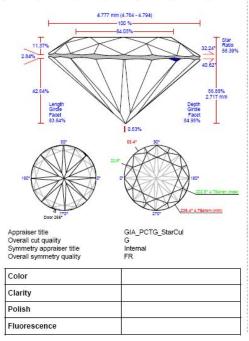
Model Simple Makoed A.G. Expert name Real weight, ct

Real weight, ct
Calculated weight, ct
Measurements
Spread
AGS Spread
Extra Facet Girdle / Nat

0.37, 0.3756
4.777 (4.764 -4.794) x 2.717 /0.018 mm
0.03 ct, 8.38 %
Yes (2)

| Width | Length | Ratio (L/W) | Diameter Minimum | Diameter Maximum | Diameter Average | Total height |
|----------|----------|-------------|---------------------|---------------------|---------------------|--------------|
| 4.764 mm | 4.794 mm | 1.006 | 4.764 mm | 4.794 mm | 4.777 mm | 2.717 mm |

| Crown | Pavilion | Table | Culet | | Girdle | | |
|----------|----------|----------|----------|----------|----------|----------|--|
| height | depth | Table | Culet | Bezel | Bone | Valley | |
| 0.543 mm | 2.037 mm | 3.060 mm | 0.025 mm | 0.136 mm | 0.158 mm | 0.073 mm | |



| Parameter | Avg | M | lin | Max | | De | V | Cut | | S | /m |
|--|---|--|---|--|--|---|--|--|---|---------------------------|--|
| Diameter.mm | 4.777 | 4 | 764 | 4.794 | 3 | 0.62 | 2% | E | | V | 3 |
| Radius,mm | 2.388 | 2 | 373 | 2.407 | | 0.72 | 2% | | | | |
| Crown angle,° | 32.24 | 3 | 1.05 | 32.55 | 3 | 1.50 |) | Grading |) | V | 3 |
| Pavilion angle,° | 40.62 | 39 | 9.63 | 41.47 | | 1.84 | 1 | Gradino | 1 | G |) |
| Total height,% | 56.88 | | | 8 | - 10 | | - 0 | V | | | |
| Crown height,% | 11.37 | 10 | 0.64 | 12.34 | | 1.71 | | V | | G |) |
| Crown height bone,% | 11.00 | | 39 | 12.20 | 3 | 2.81 | | | | | |
| Pavilion depth,% | 42.64 | 4 | 1.67 | 43.72 | | 2.05 | 5 | N/A | | GI |) |
| Pavilion depth bone,% | 42.58 | | 1.70 | 43.69 | | 2.00 | | 2000 | | | 77 |
| Table,% | 64.05 | | 3.84 | 64.15 | 3 | 0.31 | | Grading | 3 | E) | |
| Culet,% | 0.53 | | 35 | 0.63 | | 0.28 | | E | | E) | |
| Girdle Bezel,% | 2.84 | | 39 | 3.40 | - 3 | 1.01 | | E | | G | |
| Girdle Bone,% | 3.30 | 2. | 94 | 3.80 | | 0.86 | 3 | | | V | 3 |
| Girdle ∀alley,% | 1.53 | 1. | 16 | 1.98 | | 0.82 | 2 | E | | E) | (|
| Star: | 58.39 | : 54 | 4.01: | 63.15: | 9 | 9.14 | | E | | FF | , |
| Upper ratio,% | 41.61 | | 5.99 | 36.85 | | 9.14 | + | 2 | | LL | |
| Star angle,° | 18.79 | | 7.63 | 19.85 | Т | 2.21 | | | | V | 3 |
| Upper girdle | 2/252 | 1 00 | | | | - | _ | | | | 10 |
| angle,° | 39.91 | - 1 | 3.83 | 41.11 | | 2.28 | _ | 2:58 | | V | |
| Length girdle facet,% | 83.64 | 8 | 1.71 | 85.34 | | 3.63 | 3 | E | | V | 3 |
| Lower girdle angle / Halves angle,° | 41.53 | | 0.54 | 42.44 | | 1.91 | | | | V | |
| Twist,° | 1.38 | | 03 | 3.61 | | 3.58 | | | | FF | |
| Crown height,mm | 0.543 | | 508 | 0.590 | | 0.08 | | V | | G | |
| Pavilion depth,mm | 2.037 | | 990 | 2.088 | | 0.09 | | N/A | | G | |
| Table,mm | 3.060 | | 050 | 3.064 | _ | 0.01 | | Gradine | 1 | E) | |
| Culet,mm | 0.025 | | 017 | 0.030 | | 0.01 | | E | | E) | |
| | | | | | | 0.048 | | | | G |) |
| | 0.136 | | 114 | 0.162 | | 0.04 | 18 | Е | | G | _ |
| Measurement as per | OctoNu | is the | ory: | | | | | E | | G | |
| Measurement as per of Crown angle,° | OctoNu 32.24 | is the | ory: 1.80 | 32.42 | | 0.62 | 2 | E | | G | |
| Measurement as per Crown angle,° Pavilion angle,° | OctoNu | is the | ory: | 32.42 40.82 | 7 | | 2 | | | G | |
| Measurement as per (Crown angle,° Pavilion angle,° Fish eye effect,° | 32.24 40.62 | is the | ory: 1.80 | 32.42 40.82 3.36 | | 0.62 | 2 | N/A | | G | |
| Measurement as per (Crown angle,° Pavilion angle,° Fish eye effect,° | 32.24 40.62 | is the | ory: 1.80 | 32.42 40.82 | | 0.62 | 2 | | | G | |
| Measurement as per (Crown angle, ° Pavilion angle, ° Fish eye effect, ° Culet through Crown B | 32.24 40.62 | is the | ory: 1.80 | 32.42 40.82 3.36 | 14 | 0.62 | 2 | N/A | 7 | G | 8 |
| Measurement as per of Crown angle, ° Pavilion angle, ° Fish eye effect, ° Culet through Crown B Parameter, ° | OctoNu 32.24 40.62 ezel,° | 3 44 | 0ry: 1.80 0.52 | 32.42 40.82 3.36 25.30 | Η. | 0.62 | 5 | N/A N/A | - | | 8 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eye effect," Culet through Crown B Parameter, " Pav. azimuths dev. from id | OctoNu 32.24 40.62 ezel,° | 1 0.00 | 0.52 2 0.09 | 32.42 40.82 3.36 25.30 3 0.15 | 1 | 0.62 | 5 1.30 | N/A N/A 6 0.36 | 0.1 | 1 | 8 0.03 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eye effect," Culet through Crown B Parameter, " Pav. azimuths dev. from id | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 | 0.52 2 0.09 0.81 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 | 1 -(| 0.62 0.31 .58 0.42 | 5 1.30 -2.31 | N/A N/A 6 0.36 1.24 | 0.1 | 1 8 | 8 0.03 3.22 |
| Measurement as per of Crown angle, "Pavillion angle, "Fish eye effect." Culet through Crown B Parameter, "Pav. azimuths dev. from id Crown azimuths dev. from id | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 | 1.80 0.52 2 0.09 0.81 -1.48 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 | 1 -0 | 0.62 0.31 .58 0.42 0.65 | 5 1.30 -2.31 -1.03 | N/A N/A 6 0.36 1.24 3 -1.14 | 0.1 | 1 8 84 | 8 0.03 3.22 -2.94 |
| Measurement as per of Crown angle, "Pavillion angle, "Fish eye effect." Culet through Crown B Parameter, "Pav. azimuths dev. from id Crown azimuths dev. from id | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 | 0.52 2 0.09 0.81 -1.48 -4.24 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 | 1 -0 | 0.62 0.31 .58 0.42 0.65 2.93 | 5 1.30 -2.31 -1.03 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 | 0.1 0.0 -0.8 -1.7 | 1 8 84 72 | 8 0.03 3.22 -2.94 -0.43 |
| Measurement as per i Crown angle,* Favilion angle,* Fish eye effect,* Culet through Crown B Parameter,* Pav. azimuths dev. from id Crown azimuths dev. from Crown painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 | 1 -0 -0 | 0.60 0.31 .58 0.42 0.65 2.93 0.75 | 5 1.30 -2.31 -1.03 -0.33 0.98 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per i Crown angle,* Favilion angle,* Fish eye effect,* Culet through Crown B Parameter,* Pav. azimuths dev. from id Crown azimuths dev. from Crown painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 | 0.52 2 0.09 0.81 -1.48 -4.24 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 | 1 -0 -0 | 0.62 0.31 .58 0.42 0.65 2.93 | 5 1.30 -2.31 -1.03 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 | 0.1 0.0 -0.8 -1.7 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 |
| Measurement as per i Crown angle,* Favilion angle,* Fish eye effect,* Culet through Crown B Parameter,* Pav. azimuths dev. from id Crown azimuths dev. from Crown painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 | 1 -0 -0 | 0.62 0.31 .58 0.42 0.65 2.93 0.75 0.60 | 5 1.30 -2.31 -1.03 -0.33 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per i Crown angle,* Favilion angle,* Fish eye effect,* Culet through Crown B Parameter,* Pav. azimuths dev. from id Crown azimuths dev. from Crown painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 | 0.62 0.31 .58 0.42 0.65 2.93 0.75 | 5 1.30 -2.31 -1.03 -0.33 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Girdle Bezel, mm Measurement as per i Crown angle, * Pavilion angle, * Pavilion angle, * Culet through Crown B Parameter, ° Pav. azimuths dev. from id Crown azimuths dev. from Crown painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 .58 0.42 0.65 2.93 0.75 0.60 | 5 1.30 -2.31 -1.03 -0.33 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eve effect," Culet through Crown B Parameter, " Pav. azimuths dev. from id Crown azimuths dev. from Crown painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 .58 0.42 0.65 2.93 0.75 0.60 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eye effect," Culet through Crown B Parameter, " Parameter, " Parameter, or more comparation of the compar | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 .58 0.42 0.65 2.93 0.75 0.60 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eve effect," Culet through Crown B Parameter, " Pav. azimuths dev. from id Crown azimuths dev. from Crown painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eve effect," Culet through Crown B Parameter, " Pav. azimuths dev. from id Crown azimuths dev. from Crown painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.81 -1.48 -2.07 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per is Crown angle, * Pavilion angle, * Fish eye effect, * Culet through Crown B Parameter, * Pav. azimuths dev. from id Crown azimuths dev. from id Crown painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per of Crown angle, " Pavilion angle, " Fish eve effect," Culet through Crown B Parameter, " Pav. azimuths dev. from id Crown azimuths dev. from Crown painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per increase angle, a Pavilion angle, a Parameter, a Pavilion painting | OctoNici 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per ic Crown angle, 2 Pavilion angle, 3 Pavilion angle, 4 Pavilion angle, 7 Fish eye effect, 4 Culet through Crown B Parameter, 9 Pav. azimuths dev. from id Crown painting Pavilion painting Pavilion painting | OctoNu 32.24 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per ic Crown angle, 2 Pavilion angle, 3 Pavilion angle, 4 Pavilion angle, 7 Fish eye effect, 4 Culet through Crown B Parameter, 9 Pav. azimuths dev. from id Crown painting Pavilion painting Pavilion painting | OctoNii 32 24 40.62 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per ic Crown angle, 2 Pavilion angle, 3 Pavilion angle, 4 Pavilion angle, 7 Fish eye effect, 4 Culet through Crown B Parameter, 9 Pav. azimuths dev. from id Crown painting Pavilion painting Pavilion painting | OctoNii 32 24 40.62 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 | 1 8 84 72 5 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per ic Crown angle, * Pavilion angle, * Pavilion angle, * Fish eye effect. * Culet through Crown B Parameter, ° Pav azimuths dev. from id Crown painting Pavilion painting | OctoNii 32 24 40.62 40.62 ezel,° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.09 0.09 0.81 -1.48 4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 3 0.15 -0.38 -2.05 -0.80 -1.37 0.97 | 1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 6 0.36 1.24 3 -1.14 3 -1.85 -0.30 -0.35 | 0.1 0.0 -0.8 -1.7 0.3 -0.1 | 1 8 8 94 772 5 10 | 8 0.03 3.22 -2.94 -0.43 -0.41 |
| Measurement as per ic commande, "Parameter," Parameter, "Parameter," Parameter, "Parameter," Parameter, "Parameter," Parameter, "Parameter, "Parameter | OctoNu 32 24 40.62 ezel, ° | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.00 0.52 2 0.09 0.81 -1.48 4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 0.15 -0.38 -2.05 0.97 0.97 | XXX | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 0.36 0.36 1.24 1.14 3 -1.85 0.30 0.30 1.24 1.24 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 | 0.1 0.0 -0.8 -1.7 0.3 -0.1 | 1 8 8 94 72 5 18 | 8 0.03 3.22 -2.94 -0.43 -0.41 0.17 |
| Measurement as per of crown angle, a Pavilion angle, a Parameter, a Pavilion painting Pavilion painting | OctoNut 32.24 40.62 40.62 ezel, ezel, ezel ideal | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.00 0.52 2 0.09 0.81 1.148 4.24 -2.07 1.29 -0.02 -1.29 | 32.42 40.82 3.36 25.30 0.15 -0.38 -0.80 -1.37 0.97 | XXX | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 0.36 0.36 1.24 1.114 0.30 0.35 1.24 1.317 1.327 1.327 | 0.1 0.0 -0.8 -1.7 0.3 -0.1 | 1 8 84 72 5 18 2, mi | 8 0.03 3.22 -2.94 -0.43 -0.41 0.17 |
| Measurement as per ic Crown angle, * Pavilion angle, * Fish eye effect, * Culet through Crown B Parameter, * Pav. azimuths dev. from ic Crown azimuths dev. from ic Crown painting Pavilion painting **Pavilion painting** | OctoNut 32.24 40.62 ezel, executive | 1 0.00 0.04 -1.37 -1.42 -0.16 0.10 | 0.52 2 0.09 0.81 -1.48 -4.24 -2.07 -1.29 | 32.42 40.82 3.36 25.30 0.15 -0.38 -2.05 0.97 0.97 | THE | 0.62 0.31 58 0.42 0.65 0.65 2.93 0.75 | 5 1.30 -2.33 -1.03 0.98 0.16 | N/A N/A N/A 0.36 0.36 1.24 1.14 3 -1.85 0.30 0.30 1.24 1.24 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.35 | 0.1 0.0 -0.8 -1.7 0.3 -0.1 | 1 8 84 72 5 10 1 mil., mi | 8 0.03 3.22 -2.94 -0.43 -0.41 0.17 |

| 4.783 | 4.772 | 4.775 | 4.775 | Salar and the salar | | 1 | - |
|--|---|---|---|--|------------------------|--|--|
| 2.398 | 2.380 | 2.374 | 2.374 | 2.385 | 2.392 | 2.400 | 2.401 |
| 32.41 | 32.54 | 32.14 | 31.05 | 32.44 | 32.24 | 32.52 | 32.55 |
| 40.33 | 40.29 | 39.63 | 40.12 | 40.71 | 41.36 | 41.47 | 41.04 |
| | | | | | | | 3 |
| 12.34 | 12.14 | 11.54 | 10.84 | 10.64 | 10.64 | 11.16 | 11.64 |
| 12.20 | 11.59 | 11.13 | 10.04 | 9.39 | 10.64 | 10.72 | 11.87 |
| | | | 10.11 | | | | |
| 41.67 | 42.24 | 41.95 | 42.85 | 43.48 | 43.72 | 43.06 | 42.18 |
| 41.70 | 41.75 | 42.31 | 43.35 | 43.69 | 43.31 | 42.58 | 41.96 |
| 64.07 | 64.15 | 64.14 | 63.84 | | 1 | 1 | 8 |
| | | | 1 | | | | |
| 2.87 | 2.39 | 3.40 | 3.19 | 2.72 | 2.47 | 2.60 | 3.06 |
| 2.99 | 3.54 | 3.44 | 3.07 | 3.80 | 2.94 | 3.59 | 3.05 |
| | | | | | | | |
| 1.43 | 1.16 | 1.38 | 1.98 | 1.96 | 1.76 | 1.68 | 1.35 |
| 1.63 | 1.34 | 1.27 | 1.17 | 1.44 | 1.70 | 1.73 | 1.54 |
| 54.65: | 57.84: | 60.63: | 58.79: | 63.15: | 60.26: | 57.78: | 54.01: |
| 45.35 | 42.16 | 39.37 | 41.21 | 36.85 | 39.74 | 42.22 | 45.99 |
| 19.32 | 19.37 | 19.22 | 18.60 | 17.63 | 18.30 | 18.04 | 19.85 |
| | | | | | | | |
| 39.58 | 39.28 | 39.61 | 40.30 | 40.18 | 39.70 | 39.31 | 40.03 |
| 40.83 | 38.83 | 41.11 | 40.21 | 40.92 | 39.53 | 39.39 | 39.82 |
| 84.20 | 83.27 | 82.67 | 81.94 | 82.31 | 81.71 | 82.81 | 82.65 |
| 83.09 | 83.59 | 84.35 | | | 84.74 | | 85.13 |
| 41.08 | 41.11 | 41.06 | 85.34 40.54 | 85.25 40.61 | 40.95 | 85.21 41.30 | 41.52 |
| | 41.11 | | | | | | |
| 41.79 | 42.22 | 42.39 | 42.44 | 42.24 | 42.04 | 41.80 | 41.35 |
| 0.04 | 0.73 | 0.54 | 2.00 | 3.61 | 0.88 | 0.03 | 3.19 |
| 0.590 | 0.580 | 0.551 | 0.518 | 0.508 | 0.508 | 0.533 | 0.556 |
| | 2.018 | 2.004 | 2.047 | 2.077 | 2.088 | 2.057 | 2.015 |
| | | | | 2.0.1 | 2.000 | 2.00. | 2.0.10 |
| 1.990 | | 2.064 | | | | | |
| 1.990 | 3.064 | 3.064 | 3.050 | | _ | + | |
| 1.990 3.061 | 3.064 | Mission - | 10.000000 | 0.400 | | | |
| 1.990 3.061 | | 3.064 0.162 | 0.153 | 0.130 | 0.118 | 0.124 | 0.146 |
| 1.990 3.061 | 3.064 | Mission - | 10.000000 | 0.130 | 0.118 | 0.124 | 0.146 |
| 1.990 3.061 0.137 | 3.064 0.114 | Mission - | 10.000000 | 0.130 | 0.118 | 0.124 | 0.146 |
| 1.990 3.061 0.137 32.42 | 3.064 0.114 32.39 | 0.162 | 0.153 | 0.130 | 0.118 | 0.124 | 0.146 |
| 1.990 3.061 0.137 32.42 40.52 | 3.064 0.114 32.39 40.82 | 0.162 32.33 40.55 | 0.153 31.80 40.58 | | | | |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn | 3.064 0.114 32.39 40.82 | 0.162 32.33 40.55 4.7 | 0.153 31.80 40.58 | Extra Fa | acet Crov | vn N | 0 |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn | 3.064 0.114 32.39 40.82 | 0.162 32.33 40.55 4.7 | 0.153 31.80 40.58 | Extra Fa | | vn N | 0 |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.7 n 0.0 | 0.153 31.80 40.58 | Extra Fa | acet Crov acet Pavi | vn Ne | 0 |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 | 0.153 31.80 40.58 | Extra Fa | acet Crov acet Pavi | vn N | 0 |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.7 1 0.0 | 0.153 31.80 40.58 | Extra Fa Extra Fa | acet Crov acet Pavi | vn Nelion Ne | Sym |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.7 1 0.0 Avg -1.58 | 0.153 31.80 40.58 46 18 | Extra Fa | acet Crov acet Pavi | lion No | 0 |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm | 0.153 31.80 40.58 46 18 | Extra Fa Extra Fa | acet Crov acet Pavi | Ne Ne Ne Ne Ne Ne Ne Ne | Sym |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.7 1 0.0 Avg -1.58 | 0.153 31.80 40.58 46 18 | Extra Fa Extra Fa | sym | lion No | Sym EX |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° Crown,r Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 | 0.153 31.80 40.58 46 18 | Extra Fa Extra Fa | acet Crov acet Pavi | vn Nelion | Sym |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° Crown,r Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm | 0.153 31.80 40.58 46 18 | Extra Fa Extra Fa | sym | Ne Ne Ne Ne Ne Ne Ne Ne | Sym EX |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° Crown,r Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 | 0.153 31.80 40.58 46 18 | Extra Fa Extra Fa | sym | vn Nelion | Sym EX |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown,° Crown,r Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Type Painting | sym | Dev -4.24 1.1 -2.07 0.6 | Sym EX |
| 1.990 3.061 0.137 32.42 40.52 MIC,mn Girdle to Paint / I Crown, Crown, Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.71 0.00 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Extra Fa Type Painting | sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Crown, Crown, Pavilion Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Extra Fa Extra Fa | Sym EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Crown, Crown, Pavilion Pavilion Pavilion Crown archeeless | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.71 0.00 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Extra Fa Type Painting | sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Crown, Crown, Crown | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.71 0.00 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Extra Fa Type Painting | sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym |
| 1.990 3.061 0.137 0.137 32.42 40.52 MIC,mn Girdle to Crown,° Crown,r Pavilion Pavilion Pavilion Pavilion Pavilion | 3.064 0.114 32.39 40.82 0 MIC,mn | 32.33 40.55 4.71 0.00 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Extra Fa Type Painting | Sym EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX |
| 1.990 3.061 0.137 0.137 32.42 40.52 40.52 Paint / I Crown, * Crown, r Pavilion Pavilion Crown arches tricked t | 3.064 0.114 32.39 40.82 MIC,mn Dug | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | Sym EX EX |
| 1.990 3.061 0.137 0.137 32.42 40.52 40.52 Paint / I Crown, * Crown, r Pavilion Pavilion Crown arches tricked t | 3.064 0.114 32.39 40.82 MIC,mn Dug | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Extra Fa Extra Fa | Sym EX EX | Wn Nelion | Sym EX EX |
| 1.990 3.061 0.137 0.137 32.42 40.52 40.52 Paint / I Crown, * Crown, r Pavilion Pavilion Pavilion 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.00 | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | Sym EX EX 60 thickness, 11 0.473 0.356 0.120 m 0.000 5° 350.0° |
| 1.990 3.061 0.137 32.42 40.52 40.52 40.52 Faint / I Crown, Soliton accident | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | Sym EX EX |
| 1.990 3.061 0.137 32.42 40.52 40.52 40.52 Faint / I Crown, Soliton accident | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | Sym EX EX 60 thickness, 11 0.473 0.356 0.120 m 0.000 5° 350.0° |
| 1.990 | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | Sym EX EX 60 thickness, 11 0.473 0.356 0.120 m 0.000 5° 350.0° |
| 1.990 3.061 0.137 32.42 40.52 MIC.mn Girdle to Crown, r Crown, r Pavilion Pavilion 0.0000 0.000 | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | EX EX Dameter, n |
| 1.990 3.061 0.137 32.42 40.52 MIC.nnn Girdle to Paint / / / / / / / / / / / / / / / / / / / | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | EX EX Dameter, n |
| 1.990 3.061 0.137 32.42 40.52 40.52 Paint / IC Crown, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, | 3.064 0.114 32.39 40.82 0 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 1 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Neg | 0.153 31.80 40.58 46 118 | Extra Fa Ext | Sym EX EX | Wn Nelion | Sym EX EX D 000 Sym EX 0.473 0.353 0.259 0.150 M 0.000 57 360.07 Diameter, 8 |
| 1.990 3.061 0.137 32.42 40.52 MIC.nnn Girdle to Paint / I Crown, Pavilion P | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX For blokkings, 10 0.0250 |
| 1.990 3.061 0.137 32.42 40.52 MIC.nnn Girdle to Paint / I Crown, Pavilion P | 3.064 0.114 32.39 40.82 0 MIC,mn | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX For blokkings, 10 0.0250 |
| 1.990 3.061 0.137 32.42 40.52 40.52 7.22 40.52 7.22 7.22 7.22 7.22 7.22 7.22 7.22 7 | 3.064 0.114 132.39 40.82 100 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX 10.473 0.356 0.256 0.259 0.126 M 1.754 m 4.754 m 4.764 M |
| 1.990 3.061 0.137 32.42 40.52 MIC.nnn Girdle to Crown, r. Pavilion Pavilion 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | 3.064 0.114 132.39 40.82 100 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX For blokkings, 10 0.0250 |
| 1.990 3.061 0.137 32.42 40.52 MIC.mn Girdle to Paint / I Crown, 1.7 Crown, 1.7 Payllion 0.0000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.0000 0.00 | 3.064 0.114 132.39 40.82 100 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX 10.473 0.356 0.256 0.259 0.126 M 1.754 m 4.754 m 4.764 M |
| 1.990 3.061 0.137 32.42 40.52 40.52 40.52 Crown, r. Crow | 3.064 0.114 132.39 40.82 100 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX 10.473 0.356 0.256 0.259 0.126 M 1.754 m 4.754 m 4.764 M |
| 1,990 3,061 0,137 32,42 40,52 | 3.064 0.114 132.39 40.82 100 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX 10.473 0.356 0.256 0.259 0.126 M 1.754 m 4.754 m 4.764 M |
| 1.990 3.061 0.137 32.42 40.52 40.52 40.52 Girdle to Paint / I Crown, 1.00 Pavilion | 3.064 0.114 132.39 40.82 100 MIC,mn Dug notch. | 0.162 32.33 40.55 4.7 0.0 Avg -1.58 0.4, Sm -0.30 0.1, Nec | 0.153 31.80 40.58 46 118 all pligible | Extra Fa Ext | Sym EX EX | Dev -4.24 1.1 -2.07 0.6 | Sym EX EX 10 170 Photocomes, n. 10 110 Photocomes, n. 10 Photocom |

Helium specifications

Function specification

| | HP 8.5 Digital | HP 17 Digital | HP 23 ProDigital | HP 34 Digital | HP 47 ProDigital | | | |
|-----------------------------|------------------------------|-------------------|-------------------|-------------------|------------------|--|--|--|
| Field of view | 6.6 mm x 8.7 mm | 13.2 mm x 17.4 mm | 17.7 mm x 23.6 mm | 26.4 mm x 34.8 mm | 35 mm x 47 mm | | | |
| Polish size | 2.3 mm - 8.5 mm | 4.5 mm – 17 mm | 5 mm – 23 mm | 9 mm – 34 mm | 10 mm – 47 mm | | | |
| 3D-model accuracy | 6.5 microns | 13 microns | 15 microns | 26 microns | 30 microns | | | |
| Projected RBC range | 0.05 to 2.00 ct | 0.35 to 18.00 ct | 0.50 to 45.00 ct | 3.00 to 140.00 ct | 5.00 to 450 ct | | | |
| Projected Marquise Range | 0.09 to 0.60 ct | 0.60 to 4.5 ct | 0.90 to 11 ct | 5.00 to 35 ct | 9.00 to 110 ct | | | |
| Diamond types | Any Cuts | | | | | | | |
| ReCut option | Available | | | | | | | |
| Print reports | Available, very detailed + ι | ıser-defined | | | _ | | | |
| Warranty | 12 months | | | | | | | |

Hardware specification

| | HP 8.5 Digital | HP 17 Digital | HP 23 ProDigital | HP 34 Digital | HP 47 ProDigital | | | |
|----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|--|--|
| Lens | 1:1 | 1:2 | | 1:4 | | | | |
| Camera | Digital, 1360x1024 CCD 2/3" | Digital, 1360x1024 CCD 2/3" | Digital, 1600 x 1200 CCD 1" | Digital, 1360x1024 CCD 2/3" | Digital, 1600 x 1200 CCD 1" | | | |
| Weight | 19 kg | 25 kg | | 25 kg | | | | |
| Dimensions L x W x H | 70 cm x 16 cm x 21 cm | 90 cm x 16 cm x 21 cm | | 90 cm x 16 cm x 21 cm | | | | |
| Operating Systems | Windows 2000 / XP / Vista | | | | | | | |
| Power consumption | 220/110V 50/60Hz 300W | | | | | | | |

Processing time for diamonds

| Method (precision) | Quantity of contours | Time of scan mode, sec | Time of build mode, sec* | Total time, sec |
|--------------------|----------------------|---------------------------|-----------------------------|-----------------|
| Quick | 100 | 5 | 3 | 8 |
| Optimum | 200 | 10 | 4 | 14 |
| Accuracy | 400 | 20 | 6 | 26 |
| Hi accuracy | 800 | 40 | 10 | 50 |

^{*}Time of work is measured by the diamonds: symmetrical RBC 0.55 ct or asymmetrical RBC 0.37 ct. Time of build mode depends on quantity of dust on the stone surface and mass and cutting form of stones, it can change from time to time within the limits of 5 sec.

Time is measured on Helium Polish system HP 8.5 and computer AMD Dual Core 2.4GHz, 2Gb RAM or Intel(R) Core(TM)2 CPU 2.13Ghz, 4Gb RAM.