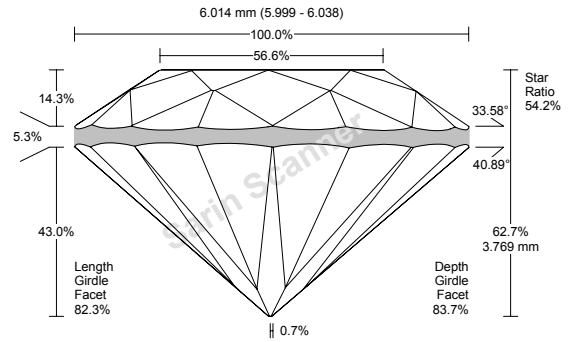


DIAMCALC 8-FACETS REPORT

Polished Brilliant

General information

Model Sample Sarin Model
 Expert name Sample Expert Name
 Report date 12/09/2006
 Real weight, ct 0.86
 Calculated weight, ct 0.86, 0.8662
 Total height 3.769 mm, 62.66 %
 Total height quality N/A
 Appraiser title AGS_2005
 Overall cut quality 3
 Overall symmetry quality PR



Main parameters

| Parameter | | Avg | Min | Max | Dev | Cut | Sym |
|---------------------------|----|---------|---------|---------|--------|-----|-----|
| Diameter | mm | 6.014 | 5.999 | 6.038 | 0.65 % | N/A | EX |
| Crown angle | ° | 33.58 | 33.35 | 33.70 | 0.35 | N/A | EX |
| Crown height | % | 14.33 | 14.00 | 14.58 | 0.58 | N/A | EX |
| Crown height | mm | 0.862 | 0.842 | 0.877 | 0.035 | - | - |
| Pavilion angle | ° | 40.89 | 40.57 | 41.14 | 0.58 | N/A | EX |
| Pavilion depth | % | 43.00 | 42.69 | 43.28 | 0.59 | N/A | EX |
| Pavilion depth | mm | 2.586 | 2.568 | 2.603 | 0.035 | - | - |
| Lower girdle facets angle | ° | 41.86 | 41.54 | 42.19 | 0.65 | - | EX |
| Upper girdle facets angle | ° | 40.58 | 39.55 | 41.63 | 2.08 | - | GD |
| Star facets angle | ° | 21.56 | 20.82 | 22.41 | 1.59 | - | VG |
| Star : Upper ratio | % | 54.18 : | 51.53 : | 55.60 : | 4.07 | - | PR |
| Table | % | 56.61 | 56.25 | 56.85 | 0.59 | N/A | EX |
| Table | mm | 3.405 | 3.383 | 3.419 | 0.036 | - | - |
| Culet | % | 0.68 | 0.54 | 0.80 | 0.26 | 0 | EX |
| Culet | mm | 0.041 | 0.033 | 0.048 | 0.016 | - | - |
| Twist | ° | 0.74 | 0.01 | 1.66 | 1.65 | - | EX |
| Girdle thickness: Bezel | % | 5.30 | 4.91 | 5.93 | 1.02 | 3 | EX |
| Girdle thickness: Bone | % | 5.34 | 4.76 | 5.63 | 0.87 | - | EX |
| Girdle thickness: Valley | % | 3.74 | 3.24 | 4.09 | 0.85 | 0 | EX |
| Girdle thickness: Bezel | mm | 0.319 | 0.295 | 0.357 | 0.061 | - | - |
| Girdle thickness: Bone | mm | 0.321 | 0.286 | 0.339 | 0.053 | - | - |
| Girdle thickness: Valley | mm | 0.225 | 0.195 | 0.246 | 0.051 | - | - |

Detailed parameters

| Parameter | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------------------|----|---------|---------|---------|---------|---------|---------|---------|---------|
| Diameter | mm | 6.027 | 6.017 | 6.005 | 6.004 | | | | |
| Crown angle | ° | 33.64 | 33.70 | 33.55 | 33.67 | 33.35 | 33.53 | 33.67 | 33.55 |
| Crown height | % | 14.36 | 14.58 | 14.32 | 14.32 | 14.38 | 14.32 | 14.34 | 14.00 |
| Crown height | mm | 0.864 | 0.877 | 0.861 | 0.861 | 0.865 | 0.861 | 0.862 | 0.842 |
| Crown azimuth | ° | 359.8 | 44.5 | 89.6 | 134.0 | 179.3 | 223.4 | 268.8 | 314.4 |
| Pavilion angle | ° | 40.57 | 40.67 | 40.84 | 41.08 | 41.14 | 41.08 | 41.00 | 40.70 |
| Pavilion depth | % | 42.93 | 42.99 | 43.06 | 43.28 | 43.08 | 42.99 | 43.01 | 42.69 |
| Pavilion depth | mm | 2.582 | 2.585 | 2.590 | 2.603 | 2.591 | 2.586 | 2.587 | 2.568 |
| Pavilion azimuth | ° | 0.0 | 44.5 | 89.9 | 134.7 | 178.7 | 225.0 | 270.3 | 313.3 |
| Lower girdle facets angle | ° | 41.57 | 41.59 | 41.68 | 41.83 | 41.88 | 41.97 | 42.19 | 42.11 |
| | | 42.11 | 42.16 | 42.04 | 42.03 | 41.80 | 41.69 | 41.61 | 41.54 |
| Upper girdle facets angle | ° | 41.11 | 41.10 | 41.19 | 41.06 | 40.35 | 40.66 | 40.04 | 40.19 |
| | | 39.55 | 39.70 | 39.83 | 40.28 | 40.26 | 41.01 | 41.27 | 41.63 |
| Star facets angle | ° | 21.92 | 21.66 | 22.41 | 21.48 | 20.82 | 21.09 | 21.53 | 21.54 |
| Star : Upper ratio | % | 55.60 : | 55.21 : | 53.61 : | 54.59 : | 51.53 : | 53.08 : | 54.98 : | 54.82 : |
| | | 44.40 | 44.79 | 46.39 | 45.41 | 48.47 | 46.92 | 45.02 | 45.18 |
| Table | % | 56.55 | 56.25 | 56.78 | 56.85 | | | | |
| Table | mm | 3.401 | 3.383 | 3.415 | 3.419 | | | | |
| Twist | ° | 0.17 | 0.01 | 0.31 | 0.65 | 0.55 | 1.66 | 1.53 | 1.09 |
| Girdle Bezel | % | 5.36 | 5.10 | 5.31 | 4.91 | 5.21 | 5.33 | 5.26 | 5.93 |
| Girdle Bone | % | 5.18 | 5.24 | 4.76 | 5.52 | 5.63 | 5.48 | 5.39 | 5.52 |
| Girdle Valley | % | 3.73 | 3.41 | 3.50 | 3.59 | 3.53 | 3.24 | 3.71 | 3.85 |
| | | 3.74 | 3.87 | 3.97 | 3.97 | 3.75 | 3.80 | 4.05 | 4.09 |
| Girdle Bezel | mm | 0.323 | 0.307 | 0.320 | 0.295 | 0.313 | 0.320 | 0.316 | 0.357 |
| Girdle Bone | mm | 0.312 | 0.315 | 0.286 | 0.332 | 0.339 | 0.330 | 0.324 | 0.332 |
| Girdle Valley | mm | 0.224 | 0.205 | 0.211 | 0.216 | 0.212 | 0.195 | 0.223 | 0.232 |
| | | 0.225 | 0.233 | 0.239 | 0.239 | 0.226 | 0.229 | 0.243 | 0.246 |