

ASDI MEASUREMENTS REPORT ON A BATCH OF COLOURLESS MELEES

DATE OF MEASUREMENTS: 04.11.2015
 MEASUREMENTS MEANS: 3 digital cameras
 MEASURED PARTS: For any diamond authenticated by the ASDI: diameter, ovalisation, table, table & culet off-centres, girdle thickness and, total, crown and pavilion depths.
 PERCENTAGE: Based on the mean diameter value.

GENERAL INFORMATION

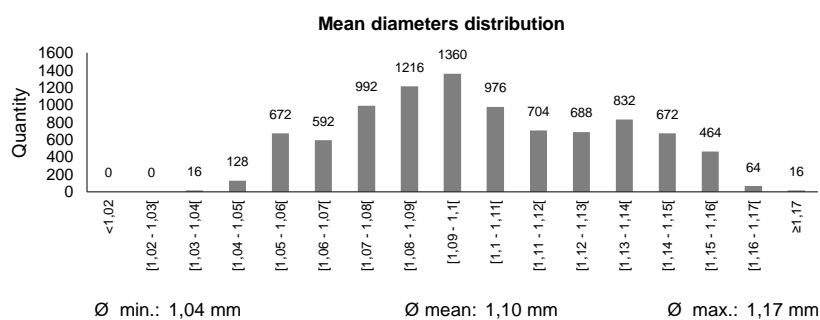
SSEF REPORT No.: SPECIMEN
 CLIENT : Client's name
 CLIENT'S BATCH REF.: reference

BATCH IDENTITY

Total weight: 53,408 ct
 Quantity: 9'392
 Declared diameter: 1,10 mm
 Cut: RB 8/8

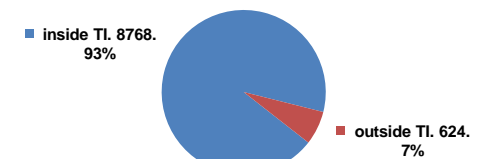
DIAMETER

Mean diameter values for all diamonds are distributed into 17 intervals.
 Interval's width: 0,01 mm. Precision of the measurement: +/- 0,005 mm



Distributed values around the Tolerance Interval (TI)

declared ∅	declared MPE ⁽¹⁾	TI
1,10 mm	-0,050 to +0,050 mm	1,050 - 1,150 mm



(1) : Maximum Permissible Error

SYMMETRY ELEMENTS

Ovalisation, table and culet off-centre percentages for all diamonds are distributed into 4 different grades.
 Precision of the measurement: +/- 0,005 mm

Distribution of ovalisation percentages

excellent	very good	good	medium to poor
<1%	[1% - 1,8%]	[1,9% - 3,6%]	>3,6%
2'576	4'912	1'888	16

Distribution of table off-centre percentages

excellent	very good	good	medium to poor
<0,7%	[0,7% - 1,2%]	[1,3% - 2,4%]	>2,4%
4'288	3'728	1'312	64

Distribution culet off-centre percentages

excellent	very good	good	medium to poor
<0,7%	[0,7% - 1,2%]	[1,3% - 2,4%]	>2,4%
4'352	2'560	2'112	368

Ovalisation grades

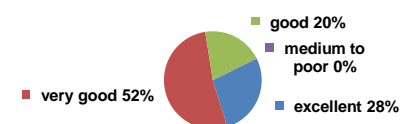
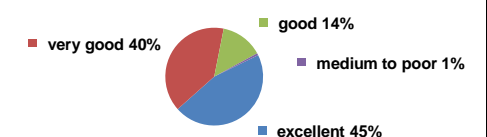
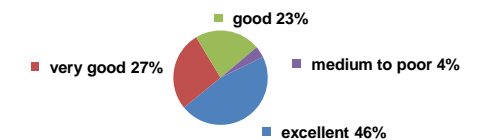


Table-off centre grades



Culet off-centre grades



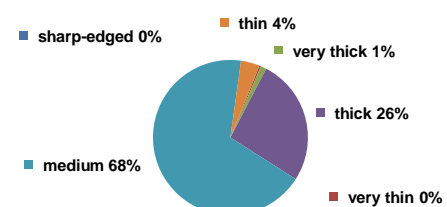
GIRDLE THICKNESS

Girdle thickness percentages for all diamonds are distributed into 6 grades.
 Precision of the measurement : +/- 0,02 mm

Distribution girdle thickness percentages

<0,1%	[0,1% - 0,5 %]	[0,5% - 1,0%]
0	32	368
sharp-edged	very thin	thin
[1,0% - 3,0%]	]3,0% - 5,0%]	>5,0%
6'400	2'480	112
medium	thick	very thick

Girdle thickness grades

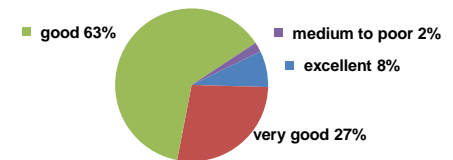


PROPORTION GRADE

The proportion grades for all diamonds are calculated by the "SSEF cut grade" program. It combines the table, crown, pavilion and total depth proportions. Proportion grades are distributed into 4 grades.

Distribution proportion grades			
720	2'592	5'888	192
excellent	very good	good	medium to poor

Proportion grades



TABLE

Table percentages for all diamonds are distributed into 4 grades. Precision of measurements: +/- 0,005 mm

Distribution table percentages			
[58% - 62%]	]56% - 58%[ou]62% - 66%[	]52% - 56%[ou]66% - 70%[	<52% ou >70%
3'360	5104	896	32
excellent	very good	good	medium to poor

Table grades

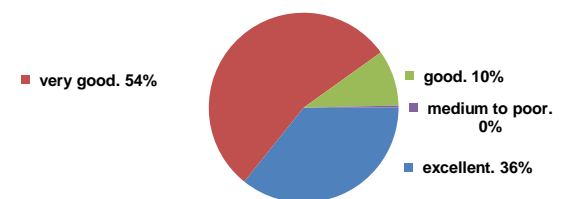


table min. : 0,60 mm

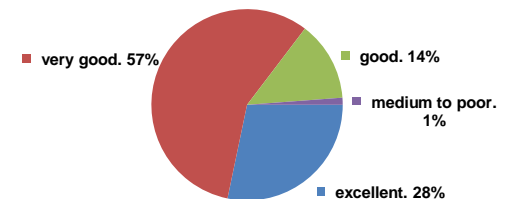
table max. : 0,80 mm

TOTAL DEPTH

Total depth percentages for all diamonds are distributed into 4 grades. Precision of measurement : +/- 0,0075 mm

Distribution total depth percentages			
]58,8% - 61,2%[	]55,0% - 58,8%[ou]61,2% - 64,0%[	]50,0% - 55,0%[ou]64,0% - 67,0%[	≤50% ou ≥67%
2'656	5360	1'264	112
excellent	very good	good	medium to poor

Total depth grades



depth min. : 0,59 mm

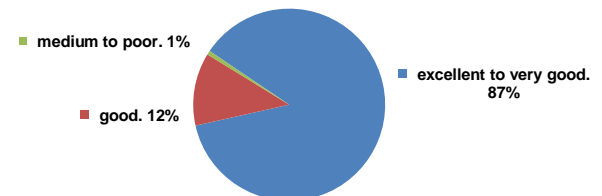
depth max. : 0,77 mm

CROWN HEIGHT

Crown height percentages for all diamonds are distributed into 3 grades. Precision of measurement: +/- 0,02 mm)

Distribution crown height percentages		
[11% - 16%]	]9% - 11%[ou]16% - 18[	≤9% ou ≥18%
8'176	1'152	64
excellent to very good	good	medium to poor

Crown height grades



PAVILION DEPTH

Pavilion depth percentages for all diamonds are distributed into 3 grades. Precision of measurement: +/- 0,02 mm

Distribution pavilion depth percentages		
[42% - 45%]	]39% - 42%[ou]45% - 48[	≤39% ou ≥48%
4'336	5'056	0
excellent to very good	good	medium to poor

Pavilion depth grades

