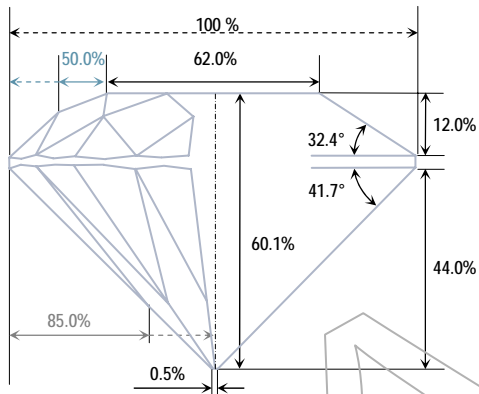


Polish **EXCELLENT**
 Symmetry **EXCELLENT**
 Girdle **faceted, medium (average 4.0%)**

Diamond Report n. SAMPLE
 Milano, 2010-05-04

Proportions **EXCELLENT**

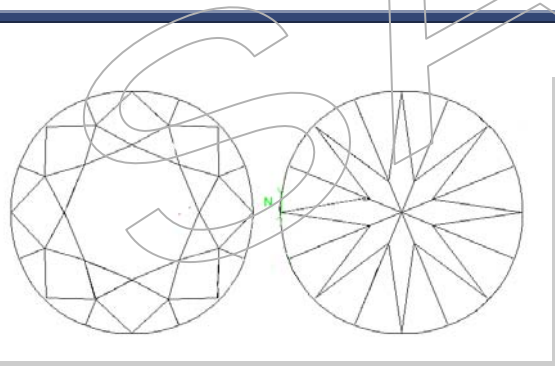


NATURAL DIAMOND

Weight **1.00 ct**
 Colour **H**
 UV Fluorescence **NIL**
 Clarity 10 X **VVS1**
 Shape and cut **round brilliant**
 Measurements **6.55 x 6.63 mm h 3.96 mm**

REFERENCE SCALES

COLOUR GRADE	CLARITY 10X	POLISH & SYMMETRY	PROPORTIONS
D	FL-IF	EXCELLENT	EXCELLENT
E	VVS1	VERY GOOD	VERY GOOD
F	VVS2	GOOD	GOOD
G	VS1	FAIR	FAIR
H	VS2	POOR	
I	SI1		
J	SI2		
K	I1		
L	I2		
M	I3		
N			
O-P			
Q-R			
S-Z			



Green: external characteristics - Red: internal characteristics - without proportionality

Notes //

CISGEM LABORATORY

FOR DIAMOND TESTING
CISGEM LABORATORY IS EQUIPPED WITH
THE FOLLOWING INSTRUMENTS
stereomicroscope - 10 X hand loupe
Brewster angle meter - spectroscopio
balance (precision 0.01 mg)
hydrostatic balance - gauge and micrometer
diamond master stones set
Munsell colour charts
UV luminescence unit (LW & SW)
standardized lighting
radioactivity testing device
proportion measuring device
UV-VIS-NIR spectrophotometer
FT-IR spectrophotometer- micro Raman
X ray generator for radiographs and luminescence
EDXRF spectrometer
SEM-EDS microscope

PER L'ANALISI DEI DIAMANTI
SONO IN DOTAZIONE
AL LABORATORIO CISGEM
I SEGUENTI STRUMENTI
stereomicroscopio - lente 10 X
misuratore angolo di Brewster - spettroscopio
bilancia (precisione 0,01 mg)
bilancia idrostatica - calibro e micrometro
master stones
carte di colore Munsell
lampade per luminescenza UV (OL & OC)
sistema a luce standard
strumento per il controllo della radioattività
proporzionometro
spettrofotometro UV-VIS-NIR
spettrofotometro FT-IR - micro Raman
generatore di raggi X per radiografie e luminescenza
spettrometro EDXRF
microscopio elettronico SEM-EDS

Diamond Report



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