

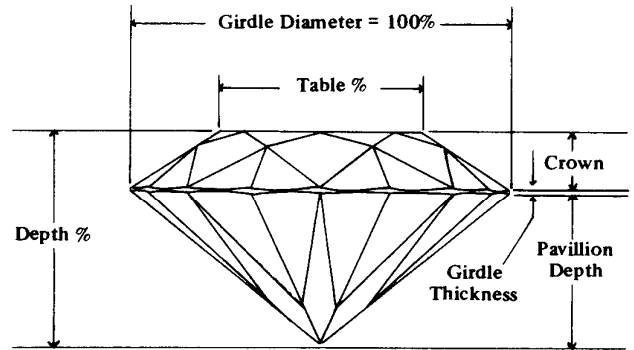
**THE FOUR C's — How Diamonds are Graded and Value Determined**

**CARAT** — All cut and polished diamonds are stated in carats (1.00 Carat = 1/5 Gram). Smaller diamonds are stated in points (1 Carat = 100 Points).

**TRENTON JEWELERS PROVIDES THIS CHART AS AN APPROXIMATE GUIDE TO DIAMOND GRADING PROCEDURES. MANY OTHER CHARACTERISTICS SUCH AS IMPERFECTION LOCATION, FINISH, FAULTS, ETC., ARE CONSIDERED IN A COMPLETE DIAMOND EVALUATION.**

DIFFERENT COLOUR GRADING SYSTEMS COMPARED						
AGE	GIA	CM	PM	SC D.M. OVER 0.50 ct	SC D.M. UNDER 0.50 ct	COLOUR APPEARANCE
0	D	0.25	0.90	RIVER	RAREST WHITE	MOUNTED STONES WILL APPEAR COLOURLESS, EXCEPT TO THE TRAINED EYE.
	E	0.75				
1	F	1.25	0.95	TOP WESSELTON	WHITE	
	G	1.75				
2	H	2.25	1.00	WESSELTON	TINTED	
	I	2.75				
3	J	3.25	1.05	TOP CRYSTAL	WHITE	
	K	3.75				
4	L	4.25	1.15	TOP CAPE	YELLOWISH	
	M	4.75				
5	N	5.25	1.20	CAPE	MOUNTED STONES WILL DISPLAY A YELLOWISH TINT, EVEN TO THE UNTRAINED EYE.	
	O	5.75				
6	P	6.25	1.30	LIGHT YELLOW		
	Q	6.75				
7	R	7.25	1.40	YELLOW		MOUNTED STONES APPEAR YELLOW
	X	10.00				

	TABLE %	CROWN ANGLE	PAVILION %	GIRDLE
EXCELLENT	53-58	33-34	43-44	MEDIUM
VERY GOOD	59-62	32 OR 35	42 OR 45	THIN TO SL. THICK (TI)
GOOD	63-66	30, 31 OR 36, 37	40, 41 OR 46, 47	SL. THICK TO THICK (-I)
FAIR	67-70	26-29 OR 38, 39	38, 39 OR 48, 49	V. THIN OR V. THICK
POOR	71+	25 OR 40+	37 OR 50+	EXT. THICK



**SYMBOLS**

symbols indicating internal observations Registration in red ink is suggested

- pinpoint
- group of pinpoints
- dark spot
- group of dark spots
- cloud of tiny pinpoints
- group of colourless crystals
- colourless crystal
- cleavages around colourless crystal
- group of dark inclusions
- dark inclusion
- dark inclusion, surrounded by cloud
- small cleavage
- larger cleavage
- girdle cleavage, surrounded by cloud
- girdle fringes
- growth or twin line

symbols indicating external observations Registration in green ink is suggested

- minor natural
- natural
- indented natural
- girdle nick
- minor girdle roughness
- girdle roughness
- group of small pits
- pit or cavity
- scratch
- polishing lines
- percussion figure
- growth line
- extra facet
- rough culet
- abraded culet

CLARITY GRADES AND SUBGRADES	
FL	FL
IF	IF
VVS	VVS <sub>1</sub>
	VVS <sub>2</sub>
VS	VS <sub>1</sub>
	VS <sub>2</sub>
SI	SI <sub>1</sub>
	SI <sub>2</sub>
I	I <sub>1</sub>
	I <sub>2</sub>
	I <sub>3</sub>

F.L. Flawless is used for diamonds in which a qualified grader under correct lighting cannot find internal characteristics with 10X magnification.

V.V.S VVS is used for diamonds with internal characteristics very, very difficult for a qualified grader to find with 10X magnification.

V. S. VS is used for diamonds with internal characteristics very difficult for a qualified grader to find with 10X magnification.

S. I. SI is used for diamonds which a qualified grader may without difficulty but still only under 10X magnification find internal characteristics.

I I is used for diamonds in which internal characteristics may be found without magnification by a qualified grader.

All diamonds are graded from a face up position.

