

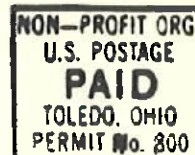
THE MIDWEST FACETER



AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

THE MIDWEST FACETER
807 Moran
Lincoln Park, Mi.
48146

1989 Rules



MFG Historian
12651 Old Mill Place
Detroit MI 48238

MIDWEST FACETERS GUILD

COMPETITION RULES

1989



MIDWEST FACETERS GUILD

The Midwest Faceters Guild will hold its fifth Faceters Gem And Jewelry Fair at the Dearborn Civic Center, Dearborn, Michigan on October 27, 28, 29, 1989

At that time the Guild will provide extended opportunities for competitive exhibiting to those persons interested specifically in faceted gemstones, jewelry designed with faceted gemstones, educational exhibits related to faceted gemstones, and the photographing of faceted gemstones.

Any person is welcome to enter this exhibiting who is a member of the Midwest Faceters Guild, members of any other world wide faceting guild, club, group or society, or members of any club affiliated with the American Federation of Mineralogical Societies or any of the Regional Federations.

The Midwest Faceters Guild believes that exhibiting competitively provides educational opportunities for self-improvement for each exhibitor.

In the interest of more equitable competition, exhibitors are divided into exhibitor groups.

MAIL-IN ENTRIES

Mail-in entries will be permitted in any classes where showmanship is not judged. Mail-in entries MUST be in the hands of the exhibit chairman by the last mail September 15, 1989. Gems should be sent with fees for the return of the entry. Arrangements can be made to pick up entries Sunday, October 29 at the fair.

ALL ENTRIES in CLASSES 1,3,4,5,7,8,12,13,14,&15 MUST be in the hands of the exhibit chairman by SEPTEMBER 15, 1989.

Each individual gemstone for these classes must be presented, UNMOUNTED, in a clear plastic container with a lid and the exhibitor's name clearly printed on the bottom. Entries are to be picked up after the awards ceremony Sunday, October 29 unless other arrangements are made with the exhibit chairman.

An individual gemstone may be entered in ONE class only.

EXHIBITOR'S RULES & ADVISORY

1. HOURS: The Fair will be open to the public as follows:
Friday 6:00 to 9:00 P.M.
Saturday 10:00A.M. to 6:00 P.M.
Sunday 10:00 A.M. to 5:00P.M.
2. REGISTRATION AND RIBBONS: ALL exhibitors must check in with the exhibit chairman to receive a display space location, number and exhibitor's ribbon. The exhibitor ribbon authorizes free admission to the Fair.
3. JUDGING Competitive case exhibits must be ready for judging by 6:00P.M. Friday, October 27. All mail-in entries will be judged prior to the show opening.
4. DISPLAY SETUP AND REMOVAL: Each exhibitor must have their display installed and in proper order before 6:00P.M. Friday, October 27, 1989 and preserve it intact until after the show closes Sunday, October 29, 1989. Displays may be set up after 1:00 P.M. Friday and must be removed by 7:00P.M. Sunday .
5. RESTRICTIONS: The Midwest Faceters Guild reserves the right to restrict any exhibit which for obvious reasons is objectionable and also to prohibit any exhibit which in the opinion of the display committee may hinder the general character and atmosphere of the show.
6. SECURITY AND LIABILITY: The Midwest Faceters Guild and the Dearborn Civic Center Security Patrol will furnish around the clock security and will take all reasonable and expected precautions to protect the property and person of each exhibitor. However, it is mutually agreed that the Midwest Faceters Guild, its members, its officers or its authorized agents shall not be liable to any exhibitor for any damage to or for the loss or destruction of any exhibit in whole or part. This includes the property of any exhibitor or injury to his/her person from any cause. All claims for such a loss, damage or injury is expressly waived by the exhibitor. Submission of a signed application for display space form constitutes acceptance of all the rules and regulations as outlined above.
7. MAIL IN ENTRIES: Mail-in entries will be permitted in any classes where showmanship is not judged. Entries must be in the hands of the exhibit chairman by September 15, 1989. Entries should be send insured and registered mail and fees for the return must be included with each entry.
8. APPEALS: Appeals concerning competitive scores will be received by the judging chairman for three (3) hours of show time after scores are publicly posted. Scores are not final until the appeal period has expired.
9. APPLICATION DEADLINE: Application deadline is SEPTEMBER 15, 1989

ENJOY THE FAIR -- THANK-YOU !!!

CLASSES OF COMPETITION

JUNIOR EXHIBITOR GROUP:

Class 1

Two Gemstones: any material, any type cut, minimum of 6mm in one dimension.

Judging Points: W - 100.

NOVICE EXHIBITOR GROUP

Class 2

Single gemstone: any material, "round" type cut, minimum of 6mm diameter.

Judging Points: W - 100.

Class 3

Three gemstones: any material, one(1) "round" type cut, one(1) "fancy" type cut and one(1) cut of the exhibitor's choice.

Judging points: W - 100.

Class 4

Six gemstones: any material, displayed in a case. Two(2) "round" type cut, two(2) "fancy" type cut and two(2) cuts of the exhibitor's choice.

Judging points: L - 5
W - 65
S - 10
D/VW- 20

ADVANCED EXHIBITOR GROUP

Class 5

Single gemstone: any material, "fancy" type cut, minimum 6mm in one dimension.

Judging points: W - 100

Class 6

Four gemstones: any material, one(1) "round" type cut, two(2) "fancy" type cut and one(1) cut of the exhibitor's choice.

Judging points: W - 100

Class 7

Ten to twenty gemstones:, any material, any type cuts, displayed in a case. No more than two (2) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
W - 65
D/VW- 20

MASTER EXHIBITOR GROUP

Class 8

Single gemstone: any material, any type cut, minimum 6mm in one dimension.

Judging points: W - 100

Class 9

Five gemstones:, any material, one (1) standard round brilliant cut, one (1) emerald cut, one (1) oval cut, one (1) marquis cut, and one (1) cut of the exhibitor's choice.

Judging points: W - 100

Class 10

Twenty to forty gemstones: natural material, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
Q - 10
VM - 10
W - 50
D/VW- 15

Class 11

Twenty to forty gemstones: synthetic or other man-made materials, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
W - 65
D/VW- 15
VM- 5

Class 12

Thirty to forty gemstones: natural and synthetic or other man-made materials, in approximately equal proportion, any type cuts, displayed in a case. Not more than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
VM - 10
W - 55
D/VW- 20

OPEN DIVISION

Class 13

One gemstone: prescribed cut and material. To be cut to the exact size and facet arrangement shown on the diagram furnished. Natural gemstone material.

Judging points: W - 100

Class 14

One gemstone: prescribed cut and material. To be cut to the exact size and facet arrangement shown on the diagram furnished. Synthetic or other man-made material.

Judging points: W - 100

Class 15

One gemstone: Original Design, any material. Design MUST have been worked out by exhibitor. If published, it must have been in the exhibitor's name. A diagram of the design would be helpful but is not required with each entry.

Judging points: D - 30

O/A - 30

W - 40

Class 16

Challenge Cut: a single gemstone cut to the specific directions given on the diagram furnished.

Judging points: W - 100

Class 17

Twelve gemstones: natural material, specified types of cut with no two stones of identical cut. All gemstones to be judged. No gemstones may be mounted in jewelry. Exactly twelve (12) gemstones, displayed in a case as follows:

At least four (4) "round" type cut,

At least four (4) "fancy" type cut,

Plus four (4) cuts of the exhibitor's choice, which may include "freeform" type cuts.

Judging points: L - 5

S - 10

G - 10

VM - 10

W - 50

D/VW - 15

Class 18

Twelve gemstones: synthetic or other man-made materials,
specified types of cut with no two gemstones of identical cut.

All
gemstones to be judged. No gemstones may be mounted in jewelry.
Exactly twelve gemstones, displayed in a case as follows:

At least four (4) "round" type cut,
At least four (4) "fancy" type cut,
Plus four (4) cuts of the exhibitor's choice, which
may include "freeform" type cuts.

Judging points: L - 5
S - 10
VM - 5
W - 60
D/VW - 20

Class 19

Faceted Novelties/Specialties: any material including glass.
Minimum six (6) pieces. This may include eggs, spheres, goblets,
unusually large gemstones or other items where faceting is a
major part of the work.

Judging shall be accomplished without removal
of items from the case.

Judging points: L - 5
S - 20
D - 20
W - 25
D/VW - 25

Class 20

Jewelry: single item, using one or more faceted
gemstones. Gemstones need not have been faceted by the exhibitor.
A set of jewelry (i.e. necklace and earrings) shall be considered
a single item.

Judging points : L - 5
D - 45
W/Metal - 50

Class 21

Jewelry: six or more items, using one or more faceted gemstones in each piece, displayed in a case. Gemstones need not be faceted by the exhibitor.

Judging points: L - 5
S - 10
D - 30
W/Metal - 35
D/VW - 20

Class 22

Educational exhibit: dealing with faceting.

Judging points: L - 15
S - 25
EV - 50
O/A - 10

Class 23

Photography: six color photographs of unmounted faceted gemstones, including at least two close-up pictures. Photographs to be displayed in frames.

Judging Points: S - 10
Q - 40
O/A - 20
D - 30

Class 24

Photography: six color photographs of jewelry containing one of more faceted gemstones, including at least two close-up pictures. Photographs to be displayed in frames.

Judging Points: S - 10
Q - 40
O/A - 20
D - 30

SOCIETY EXHIBITOR GROUP

Class 25

Faceting Society: twenty to forty gemstones, natural material,
any type cuts, displayed in a case. Not more than five (5)
gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
Q - 10
VM - 10
W - 50
D/VW - 15

Class 26

Faceting Society: twenty to forty gemstones, synthetic or other
man-made materials, any type cuts, displayed in a case. Not more
than five (5) gemstones may be mounted in jewelry.

Judging points: L - 5
S - 10
W - 65
D/VW - 20

WORKMANSHIP POINTS

The workmanship points on each gemstone will be scored using the
100 point system as shown on the accompanying sheet.

Each gemstone will be scored separately by at least two judges
and their scores will be averaged for a final score.

Judging to be conducted using 10X hand held magnification and a
single incandescent light.

All gemstones must be handled with protected gem holders.

Each exhibitor will receive the completed and signed score sheets
with comments and suggestions for improvement of faceting skills
for their entries.

GENERAL RULES AND DEFINITIONS

Faceted Gemstones

Faceted gemstones are stones cut to a selected geometric pattern by the placement of flat surfaces called facets. (Facets need not cover the entire stone, i.e. partially faceted domes, etc.)

(a) Faceted gemstones may be of any size and may be cut by any technique chosen by the cutter.

(b) Faceted gemstones are of three types as follows:

(1) "Round" type are stones cut with a regular facet arrangement about the center of the stone and with three or more planes of symmetry. Examples: round brilliants, equilateral triangles, pentagons, hexagons, etc.

(2) "Fancy" type are stones which have either one or two planes of symmetry. Examples are ovals, marquis, pears, hearts, kites, rectangles, etc.

(3) "Freeform" type are stones that do not have a regular facet arrangement about the center of the stone nor any plane of symmetry.

* The planes of symmetry referred to above do not include the plane of the girdle.

Optical Aids

Optical aids used in evaluating gemstones will be hand held corrected 10X magnification. Microscopes will not be permitted except in establishing identification of a material or for judging the quality of material.

References

The current AFMS "Approved Reference List of Lapidary Material Names" is the authority for gemstone names. Newly discovered materials not found in the AFMS gemlist are permitted if they are identified by their published name.

Girdles

Girdles on gemstones may be faceted or smooth but MUST be polished (optional for diamonds).

Gemstone Protection

All gemstones will be handled with protected gem holders.

Lighting

Judging will be conducted using a single incandescent light.

Display Cases

Display cases for Classes 1,2,4,5,8,9,10,13,14,15,16,&20 will be provided by the Midwest Faceters Guild.

In all other classes the exhibitor must furnish their own case and MUST leave the display case keys with the Judging Chairman prior to the time of judging or make arrangements to open the case whenever necessary.

Selection of Gemstones

In each multiple gemstone class, an equal number of gemstones from each entry will be selected by the judging team to be removed from each case for judging the workmanship and quality of material points.

Judging Point Definitions

L - Labeling

W - Workmanship

S - Showmanship

D/VW - Difficulty/variety of work

Q - Quality

EV - Educational Value

D - Design

O/A - Originality of Approach

VM - Variety of Material

Labels

Labels MUST state the name of the material.

Groupings of the same material need only one label.

Any additional information desired may be placed on the label and will be judged for accuracy.

In jewelry classes, one or more jewelry technique must be identified on the label.

Deductions for labeling errors shall be one (1) point for each error and shall not exceed the total points allowed for labeling in that class.

CONSISTENT ERRORS (the same error appearing on more than one label and in every instance in which that error could be made) shall be penalized one (1) point for each instance of each consistent error up to a limit of 1/2 of the points allowed for labeling.

Showmanship

Showmanship shall refer to the ability of the exhibitor to use the material exhibited, the background material, lighting arrangement and labeling features, such as size and neatness, to create a display which will be educational and will hold the interest of the viewer.

Quality

Quality refers to color and to relative freedom from flaws and inclusions. Cost and rarity shall not be a factor in evaluating quality of material.

Design

Items should show originality as to the use of old ideas or styles as well as new ideas to create a unique design that is pleasing in composition.

Variety

Variety refers to the use of diverse kinds of materials, colors, and/or differing ranges of hardness.

Workmanship

Workmanship is a measure of the perfection of the meets between facets, the correctness of angles, the flatness of facets and the sharpness of facet edges to achieve maximum brilliance and color, the perfection of polish, the proportion and alignment of facets, the uniformity of similar facets and the ability to minimize the undesirable effects of inclusions and/or flaws.

Difficulty/Variety of Work

Difficulty/Variety of Work refers to the diversity and difficulty in type of cut and design of gemstones and to the skill that is required to accomplish a near perfect cut of the design and material in question.

Educational Value

Educational value is defined as the clarity, effectiveness and excellence of the exhibit in carrying out its purpose. Aspects to be considered under Educational value are: a clear statement of theme, concise definitions of terms, and accuracy of an organized presentation within the allowable space. Exhibits should teach or inform the observer about one or more aspect of the faceting hobby.

Originality of Approach

Originality of approach is the uniqueness and freshness of the educational view presented by the exhibitor, and the use of original rather than directly copied materials.

Questions, Concerns or Suggestions

Questions, concerns or suggestions for implementation or improvement of these rules are welcomed by the Midwest Faceters Guild Rules Committee.

Current Midwest Faceters Guild Rules Chairman is:

Edward Daniel
785 Manzano Dr.
Walled Lake, Michigan 48088

Phone (313) 624 1089



JUDGING SHEET for FACETED GEMSTONES

Date _____ Cut _____

Material _____ Judge _____

Judging to be conducted using 10X hand held magnification and a single incandescent light.

All gemstones must be handled with protected gem holders.

POINTS _____ possible _____ awarded _____ COMMENTS _____

TABLE

Finish

Polish 6 _____
Pits 3 _____
Scratches 3 _____
Flatness 3 _____

Proportion 2 _____

CROWN

Finish

Polish 6 _____
Pits 3 _____
Scratches 3 _____
Flatness 3 _____

Pointing Up..... 10 _____

Uniformity /Symmetry 8 _____

Facet Edges Sharp 4 _____

PAVILION

Finish

Polish 6 _____
Pits 3 _____
Scratches 3 _____
Flatness 3 _____

Pointing Up..... 10 _____

Uniformity/Symmetry 8 _____

Facet Edges Sharp 4 _____

GIRDLE

Finish 3 _____

Uniformity..... 3 _____

Crown - Pavilion

Alignment..... 3 _____

TOTALS

100

Judge's Signature _____

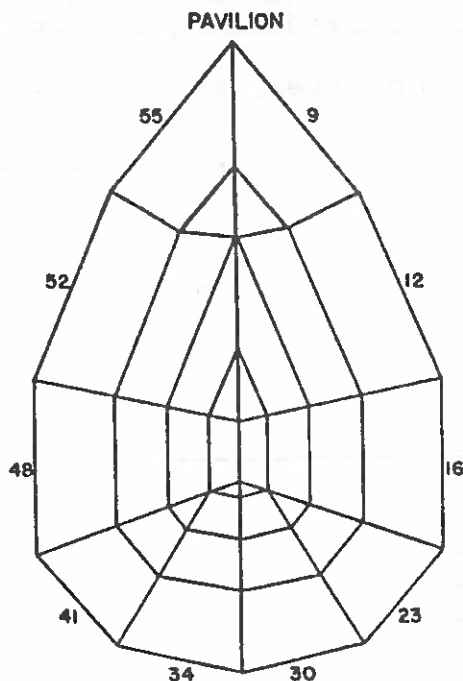
STEP-CUT PENDELOQUE

By William J. Maloney, Jr.

CLASS 13

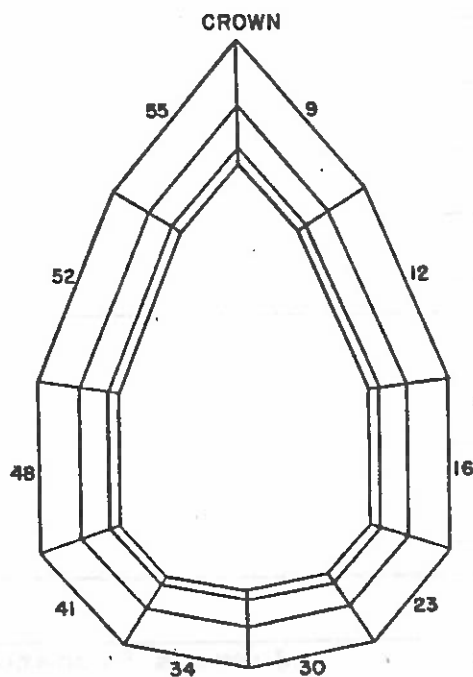
(Angles are for Quartz)

Length: 8MM minimum
Material: Beryl, any color



PAVILION								
ORDER	INDEX	ANGLE	ORDER	INDEX	ANGLE	ORDER	INDEX	ANGLE
P-1	16	56°	P-13	12	51°	P-25	23	46°
P-2	48	"	P-14	52	"	P-26	41	"
P-3	12	"	P-15	9	"	P-27	30	"
P-4	52	"	P-16	55	"	P-28	34	"
P-5	9	"	P-17	23	"	P-29	16	41°
P-6	55	"	P-18	41	"	P-30	48	"
P-7	23	"	P-19	30	"	P-31	12	"
P-8	41	"	P-20	34	"	P-32	52	"
P-9	30	"	P-21	16	46°	P-33	30	"
P-10	34	"	P-22	48	"	P-34	34	"
P-11	16	51°	P-23	12	"			
P-12	48	"	P-24	52	"			

GIRDLE								
ORDER	INDEX	ANGLE	ORDER	INDEX	ANGLE	ORDER	INDEX	ANGLE
G-1	16	90°	G-5	9	90°	G-9	30	90°
G-2	48	"	G-6	55	"	G-10	34	"
G-3	12	"	G-7	23	"			
G-4	52	"	G-8	41	"			



CROWN								
ORDER	INDEX	ANGLE	ORDER	INDEX	ANGLE	ORDER	INDEX	ANGLE
C-1	16	53°	C-12	48	43°	C-21	16	23°
C-2	48	"	C-13	12	"	C-22	48	"
C-3	12	"	C-14	52	"	C-23	12	"
C-4	52	"	C-15	9	"	C-24	52	"
C-5	9	"	C-16	55	"	C-25	9	"
C-6	55	"	C-17	23	"	C-26	55	"
C-7	23	"	C-18	41	"	C-27	23	"
C-8	41	"	C-19	30	"	C-28	41	"
C-9	30	"	C-20	34	"	C-29	30	"
C-10	34	"				C-30	34	"
C-11	16	43°	T-1	45°	DOP			

A VARIATION OF THE SCISSOR CUT

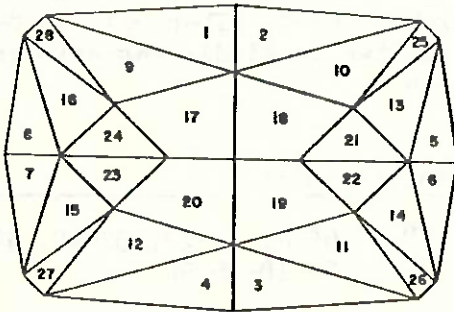
By Russell S. Colley

Class 14

(Angles are for Quartz)

3.M minimum: Corner to corner
Material: Corundum, any color

PAVILION



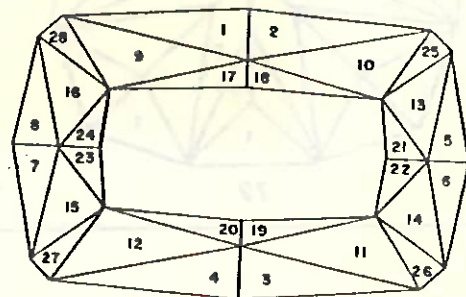
PAVILION

ORDER OF GRIND	INDEX	DEGREES	ORDER OF GRIND	INDEX	DEGREES	ORDER OF GRIND	INDEX	DEGREES
1	63	58	11	30	53	21	15	50 1/2
2	1	"	12	34	"	22	17	"
3	31	"	13	14	"	23	47	"
4	33	"	14	18	"	24	49	"
5	15	57	15	46	"	25	8	53
6	17	"	16	50	"	26	24	"
7	47	"	17	63	42	27	40	"
8	49	"	18	1	"	28	56	"
9	62	53	19	31	"			
10	2	"	20	33	"			

CROWN

ORDER OF GRIND	INDEX	DEGREES	ORDER OF GRIND	INDEX	DEGREES	ORDER OF GRIND	INDEX	DEGREES
1	63	58	11	30	45	21	15	42
2	1	"	12	34	"	22	17	"
3	31	"	13	14	"	23	47	"
4	33	"	14	18	"	24	49	"
5	15	57	15	46	"	25	8	46
6	17	"	16	50	"	26	24	"
7	47	"	17	63	37 1/2	27	40	"
8	49	"	18	1	"	28	56	"
9	62	45	19	31	"			
10	2	"	20	33	"			

CROWN



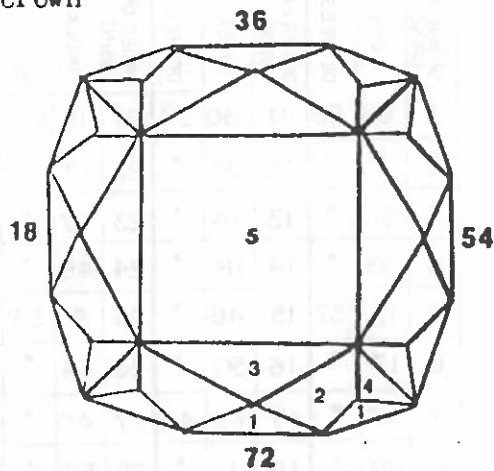
Quadrion by Robert L. Hall Pinellas Park, Fla.

CLASS 16 CHALLENGE CUT
8MM MINIMUM - CORNER TO
CORNER. ANY MATERIAL.

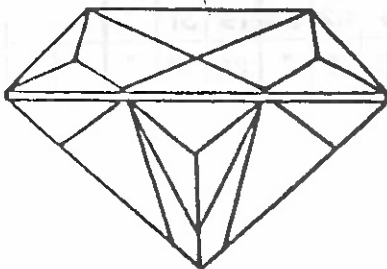
Cutting Directions

Angles given are for a 72 index. Preform at 90° and obtain symmetry indexing 68-4, 14-22, 32-40, 50-58. Then cut 72-18-36-54 so that all twelve girdle segments are of equal width.

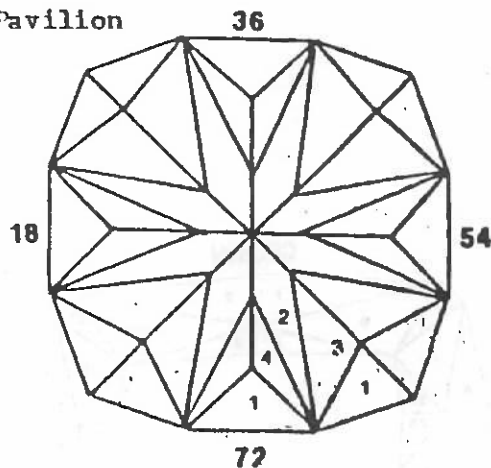
Crown



Side



Pavilion



CROWN

Step	Angle	Index
1	41°	68-4, 14-22, 32-40, 50-58 72-18-36-54
2	33°	70-2-16-20-34-38-52-56
3	26°	72-18-36-54
4	35°	66-6, 12-24, 30-42, 48-60 Carefully adjust $\pm$ to fit.
5	0°	Table

PAVILION

Step	Angle	Index
1	45°	68-4, 14-22, 32-40, 50-58 72-18-36-54
2	41°	70-2-16-20-34-38-52-56
3	41°	69-3, 15-21, 33-39, 51-57
4	42°	71-1, 17-19, 35-37, 53-55 Adjust to run facets 2/3 toward culet.