

THE MIDWEST FACETER



Rules Chairman
Dick Fairless
506 Alice Street
East Tawas, Michigan 48730
Phone 517 362-5748

Special Rules Edition

1995

The Midwest Faceters Guild will hold its twelfth FACETERS FAIR at the Dearborn Civic Center on November 10, 11 & 12, 1995.

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, and the photographing of gemstones.

Any person is welcome to enter this exhibiting who is a member of the Midwest Faceting Guild, members of any other world wide faceting guild, club 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 class where showmanship is not judged. Mail-in entries **MUST** be in the hands of the exhibit chairman by the last mail September 25, 1995. This includes all Entries in **CLASSES 1, 2, 3, 4, 5, 6, 8, 9, 13, 14, 15, & 16.** Gemstones should be sent with fees for the return of the entry.

Arrangements can be made to pick up entries on Sunday, November 12, 1995 at the Fair.

Each individual gemstone for these classes must be presented, **UNMOUNTED**, in a clear plastic container with a lid and the exhibitors name clearly printed on the bottom. Entries are to be picked up after the awards ceremony Sunday, November 12, 1994, unless other arrangements are made with the exhibit chairman.

An individual gemstone may be entered in **ONE CLASS ONLY.**

mail entries to: Dick Fairless
 506 Alice St.
 East Tawas, MI 48730

EXHIBITOR GROUPS

A.. Junior Exhibitor Group: This group may be entered by persons who are between six and eighteen years of age.

B. Novice Exhibitor Group: This group may be entered by persons who are beginning faceters or by persons who have never entered in Midwest Faceters Guild competition. A person who has received a first place trophy as a novice exhibitor **MUST** compete in a higher group.

C. Advanced Exhibitor Group: This group is for somewhat experienced faceters and/or exhibitors. A person who has won First place in the advanced group **MUST** compete in a higher group if they wish to enter the same class again.

D. Master Exhibitor Group: This group is for experienced faceters. A person who wins First place as a Master may not enter the same class again until the 2nd MWFG competition thereafter.

E. Open Division: Any person regardless of age or experience may enter any class in the Open Division.

F. Society Exhibitor Group: A society must be a group of at least five members. All materials and/or workmanship shall be of that society and not more than 20% of the material/workmanship shall be that of any one member.

Society groups may enter only the classes provided for society entries: scores achieved by societies are considered only with scores of other exhibiting societies, and are **NOT** competing with individual exhibitors.

AWARDS

In each class:

- | | |
|-----------------|---|
| A.. First Place | - "Gold" Medal |
| B. Second Place | - "Silver" Medal |
| C. Third Place | - "Bronze" Medal |
| D. All Entries | - Commemorative Ribbon with Exhibitor group and score level designated. |

IN ADDITION: The winner of Class 15 will receive the "*David B. Miller Award*"

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 cuts, two "fancy" type cuts and two (2) cuts of the exhibitor's choice.
Judging points: L - 5
W - 65
S - 10
D/W - 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 cuts 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/W - 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) marquise 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/VM - 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
VM - 5
W - 65

class 12 Twenty 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/W - 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 gemstones: 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 worked out by the 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 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 cuts,

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

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

Judging points: L - 5

S - 10

Q - 10

VM - 10

W - 50

D/W - 15

Class 18 Twelve gemstones: synthetic or other man-made 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 cuts,

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

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

Judging points: L - 5

S - 10

Q - 10

VM - 10

W - 50

D/VW - 15

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 - 30

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 or 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, mounted 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 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: ovals, marquise, 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.

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. (Depending on the amount of entries in case displays of ten or more stones, a minimum of three (3) stones will be judged from each display.)

Judging point definitions

L - Labeling

S - Showmanship

Q - Quality

D - Design

VM - Variety of Material

W - Workmanship

D/VW - Difficulty/Variety of work

EV - Educational Value

O/A - Originality of approach

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

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: Dick Fairless
506 Alice St.
East Tawas, MI 48730
(517)362-5748

JUDGING DEFINITIONS

TABLE SYMMETRY	The ability to match the symmetry from side to side, top, or bottom in the planed view of the table facet.
TABLE PARALLEL TO THE GIRDLE	This will be judged by eye.
OUTLINE OF GIRDLE	The accuracy that has been achieved in cutting the required outline shape.
MEETS POINTING UP	A MEET fails to point up when one or more of the facets terminates in a line instead of a point. The total number of meets will be divided into the possible points for values awarded. A meet is totally in or out. They either meet accurately or they do not.
FACETS UNIFORM	This feature refers to the consistency in shape and size of facets in the same series.
FACET EDGES SHARP	The mitred line developed between facets should be straight and sharp.
FACET SURFACES TRUE	This refers to the complete flatness of the facet. "Ghost" facets or incomplete facet planes will cause penalties.
SCRATCHES	Any scoring of polished surfaces.
POLISH	The degree and evenness of luster over the entire surface being judged. Pitted surfaces from incomplete prepolish will be judged in the polish section.
CHIPS	Chips are the areas where pieces of material have chipped off either from working or mishandling.
GIRDLE UNIFORM	A continuous Girdle should be equally dimensioned at its widest and narrowest points. Facets in the same series around a faceted girdle should be the same shape and dimensions.
GIRDLE WIDTH	A girdle, at its narrowest point, shall not exceed five (5) percent of the width of the gemstone, in its smallest diameter. If it exceeds this measurement, all points will be forfeited. Any girdle that is so narrow to be judged will also lose all points allowed for this feature.
SPECIFIED SIZE	Stones that fail to meet the specified size shall receive a deduction of (1) one point for each mm or portion of a mm under or over the specified size.
FLAWS	Flaws are fractures, cleavages, or partings. A flaw may be external where it reaches the surface of the stone, or internal where it is wholly within the stone.

JUDGING SHEET FOR FACETED STONES

Date _____

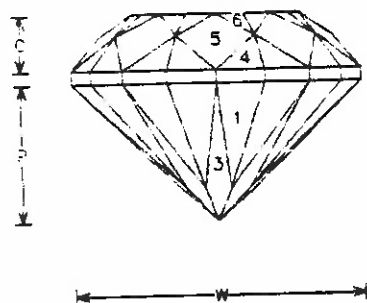
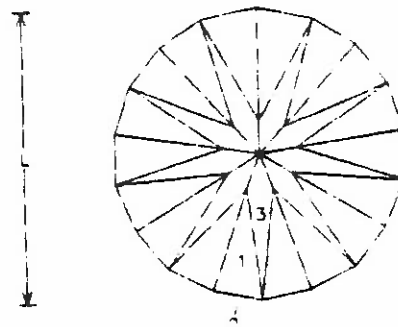
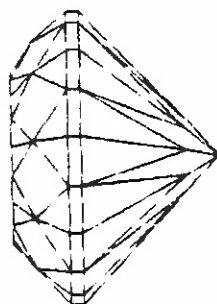
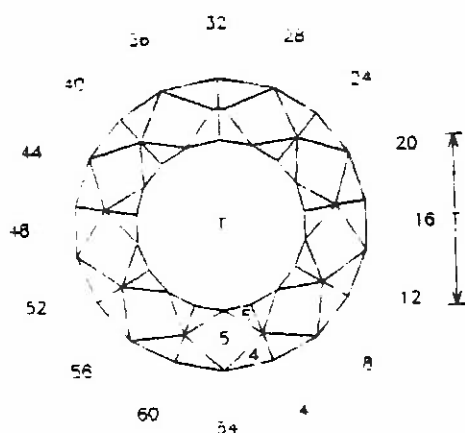
Cut _____

Material _____

Judge _____

Table Symmetry	3	_____	_____
Table Parallel to Girdle	3	_____	_____
Outline of Girdle	6	_____	_____
Meets Pointing Up	15	_____	_____
Facets Uniform	10	_____	_____
Facet Edges Sharp	7	_____	_____
Facet Surfaces True	7	_____	_____
Scratches	10	_____	_____
Polish	15	_____	_____
Chips	7	_____	_____
Girdle Uniform	5	_____	_____
Girdle Width	3	_____	_____
Specified Size	5	_____	_____
Flaws	4	_____	_____
Totals	100	_____	_____

General Comments:



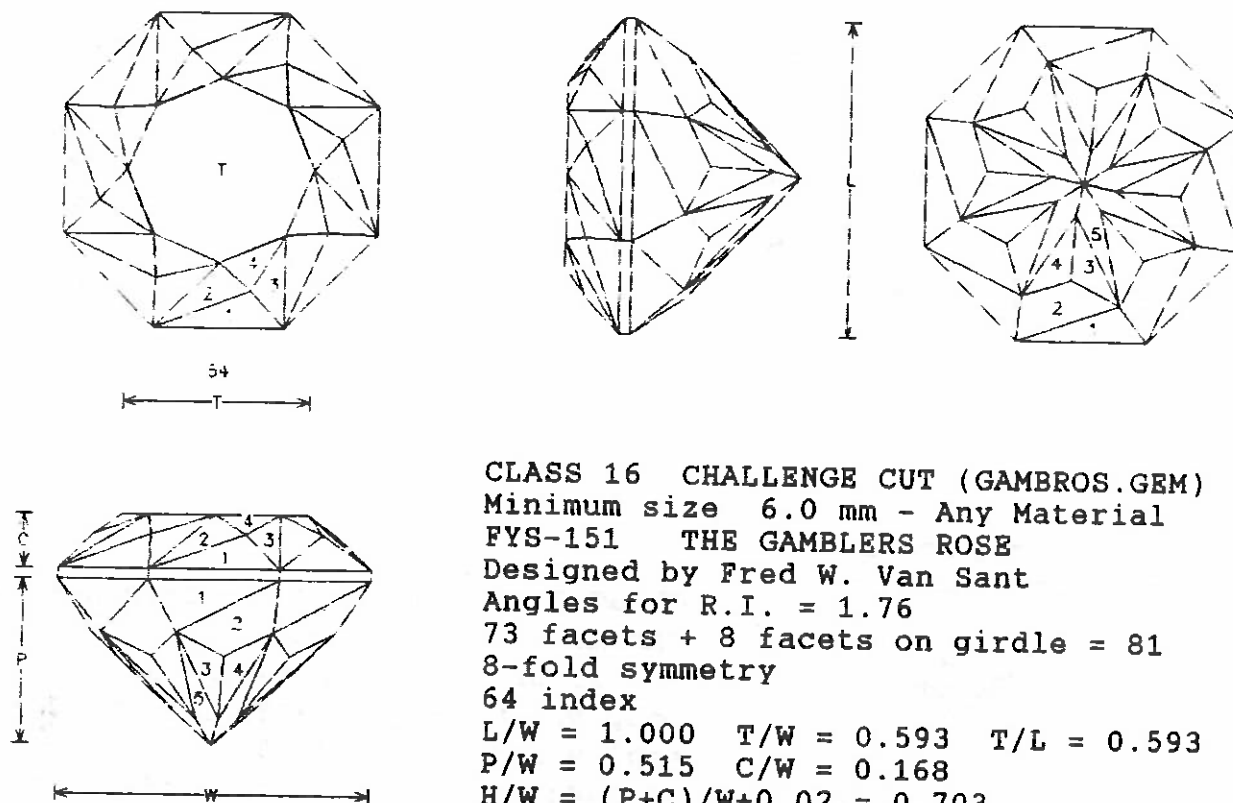
CLASS 13 Any Natural Material (9MAINBR.GEM)
 Minimum size 6.0 mm
 PR NINE MAIN BRILLIANT 1.294
 Facet Design Vol. 5 Long and Steele
 Angles for R.I. = 1.54
 73 facets + 18 facets on girdle = 91
 2-fold, mirror-image symmetry
 64 index
 $L/W = 1.020$ $T/W = 0.594$ $T/L = 0.582$
 $P/W = 0.475$ $C/W = 0.192$
 $H/W = (P+C)/W+0.02 = 0.687$
 $P/H = 0.692$ $C/H = 0.279$
 $Vol./W^3 = 0.266$

PAVILION

1	44.20	02-05-09-12-16-19- 23-26-30-34-38-41- 45-48-52-55-59-62	
2	90.00	02-05-09-12-16-19- 23-26-30-34-38-41- 45-48-52-55-59-62	Level girdle
3	43.00	64-07-14-21-28-36- 43-50-57	Meet P2-P1-P1-P2

CROWN

4	49.10	02-05-09-12-16-19- 23-26-30-34-38-41- 45-48-52-55-59-62	
5	42.00	64-07-14-21-28-36- 43-50-57	
6	34.60	02-05-09-12-16-19- 23-26-30-34-38-41- 45-48-52-55-59-62	May have to adjust angle on 30 - 34
T	0.00	Table	



CLASS 16 CHALLENGE CUT (GAMBROS.GEM)

Minimum size 6.0 mm - Any Material

FYS-151 THE GAMBLERS ROSE

Designed by Fred W. Van Sant

Angles for R.I. = 1.76

73 facets + 8 facets on girdle = 81

8-fold symmetry

64 index

$L/W = 1.000$ $T/W = 0.593$ $T/L = 0.593$

$P/W = 0.515$ $C/W = 0.168$

$H/W = (P+C)/W+0.02 = 0.703$

$P/H = 0.733$ $C/H = 0.239$

$Vol./W^3 = 0.284$

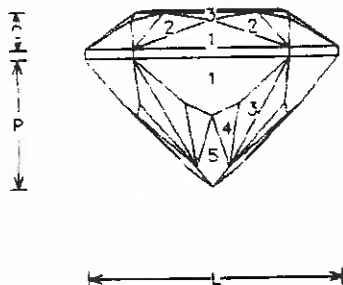
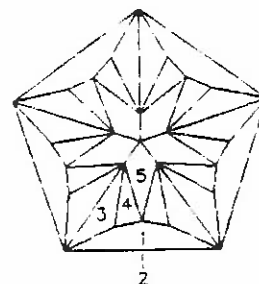
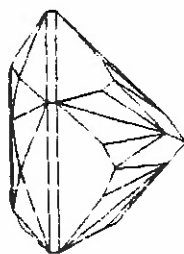
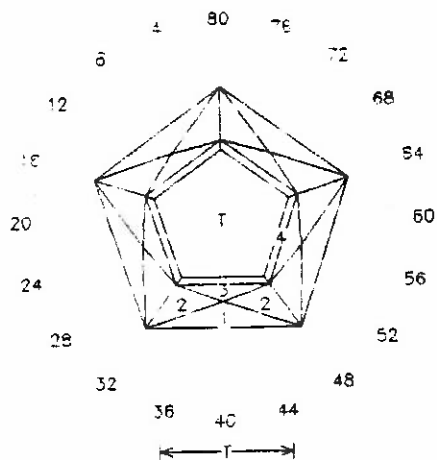
PAVILION

	90.00	64-08-16-24-32-40-48-56
1	55.78	64-08-16-24-32-40-48-56
2	48.96	07-15-23-31-39-47-55-63
3	43.01	64-08-16-24-32-40-48-56
4	43.20	06-14-22-30-38-46-54-62
5	41.00	02-10-18-26-34-42-50-58

CROWN

1	43.50	64-08-16-24-32-40-48-56
2	37.00	07-15-23-31-39-47-55-63
3	34.98	06-14-22-30-38-46-54-62
4	26.35	04-12-20-28-36-44-52-60
T	0.00	Table

MIDWEST FACETERS GUILD 1995



CLASS 14 Material Cubic Zirconia (BAR-PENT.GEM)
 Minimum size 6.00 mm
 30.021 SP BARION PENTAGON
 Long and Steele: FACET DESIGN VOL. 6
 Angles for R.I. = 2.20
 56 facets + 5 facets on girdle = 61
 5-fold, mirror-image symmetry
 80 index
 $L/W = 1.051$ $T/W = 0.556$ $T/L = 0.528$
 $P/W = 0.532$ $C/W = 0.159$
 $H/W = (P+C)/W+0.02 = 0.711$
 $P/H = 0.748$ $C/H = 0.224$
 $Vol./W^3 = 0.263$

PAVILION

1	63.20	08-24-40-56-72	ECED
2	90.00	08-24-40-56-72	Fix Size
3	46.00	02-14-18-30-34- 46-50-62-66-78	Meet P1 - P2 - Corner
5	42.00	08-24-40-56-72	
4	44.72	05-11-21-27-37- 43-53-59-69-75	

CROWN

1	48.00	08-24-40-56-72	Match Pavilion
2	37.00	06-10-22-26-38- 42-54-58-70-74	Meet C1 - girdle
3	23.90	08-24-40-56-72	Meet C2-C1-C2
4	16.94	08-24-40-56-72	Meet C2-C3
T	0.00	Table	Any index

MIDWEST FACETERS FAIR

DEARBORN CIVIC CENTER

DEARBORN, MICHIGAN

APPLICATION FOR DISPLAY SPACE

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

ALL COMPETITION EXHIBITS: FILL OUT THE FOLLOWING INFORMATION
Please use a separate form for each exhibit.

Class Number _____

Exhibitor Group _____

(Junior, Novice, Advanced, Master, Open, Society)

Case Size: Width _____ Height _____ Depth _____

MAIL IN EXHIBITS: Fill in this additional information

Telephone Number (____) _____

Amount of insurance desired _____ (You must include return postage and insurance fees.)

NON COMPETITIVE EXHIBITS: Fill out the following information.

TYPE OF EXHIBIT _____
(Faceting, Jewelry, Educational, Special, etc.)

Case Size: Width _____ Height _____ Depth _____

Exhibitor's Signature: _____

ENTRIES MUST BE RETURNED BY OCTOBER 20, 1995 TO:

Dick Fairless
506 Alice St.
East Tawas, MI 48730

_____ Please return my entries by mail

_____ I will collect my entries at the Fair on
Sunday

