

Columbia Willamette Faceters Guild

2026 Competitive Exhibit Application for the

AL GERDING MEMORIAL TROPHY

A single stone competitive exhibit for any novice faceter.

All are welcome to enter, not just CWFG members

Sponsored by the Columbia Willamette Faceters Guild

Name of Applicant: _____

Please print your name as you would like it on the trophy if you should win.

Telephone No. _____ Email _____

ADDRESS _____

Number/Street

City/State/Zip

MEMBER OF: _____

Club or Society

City/State/Zip

LIABILITY: It is mutually agreed that the Columbia Willamette Faceters Guild shall not be liable to any exhibitor in whole or in part. This includes the property of the exhibitor or injury to their person resulting from any cause. Submitting this signed application for entry constitutes acceptance of these rules and regulations.

SIGNATURE OF EXHIBITOR: _____

Submit one application (with stone, label, stand and a self-addressed, stamped, padded mailing envelope for return) to the address below or in person at the September CWFG meeting. **Important** – Please write **Attn:** – **Al Gerding** on the lower left corner of the envelope to ensure proper handling of your application and stone. Your stone will be held and displayed in the CWFG case at the Portland Gem and Mineral Show. It will be returned after that.

Columbia Willamette Faceters Guild

PO Box 684

Fairview, OR 97024

Application with stone must be received no later than September 1, 2026 at our Post Office Box or in person at the September CWFG meeting.

Entries may be sent any time prior to this date.

If you would like to include your design, the judges will mark for reference on comments and it will be returned to you. It will not be judged or affect your score. You will find it very instructive.

Be sure to carefully read and follow all rules. Questions? Contact Diana Carroll – diana@spidersworkshop.com

Portland Regional Gem and Mineral Show Association

Entry Rules for the Al Gerding Memorial Trophy

Sponsored by the Columbia Willamette Faceters Guild

These are the rules as put forth by the Portland Regional Gem and Mineral Association. In general, the AFMS rules will be the standard to follow. Those rules may be viewed and downloaded from their site:

www.amfed.org .

Do not send your stone without an application.

1. This trophy will be awarded for the best single natural or synthetic faceted stone by an adult (person who has reached their 18th birthday) Novice (**one who has never won this trophy nor a novice rosette for faceting in any other show**). The trophy will become the permanent property of the winner.
2. A single faceted stone is to be displayed together with other Single Stone Trophy entries in a special display case to be provided by the host society. The entrant is to supply a pad, box or display stand, not larger than 3x3 inches, for their entry. Stones in competition for the Single Stone Trophy may not be included with other entries or exhibits except as stated above.
3. A label shall identify the material used, weight of the finished stone, name of the cut and the number of facets. Additional information is optional but will be judged. (Do not put your name anywhere on the label.)
4. The stone must have been cut by the exhibitor in one of the 4 provided designs listed below, be between 10mm and 12mm in size, and may not exceed 25 ct in weight.
The 4 design options for 2026 are:
 - ◆ PC 09.057 Quadrille
 - ◆ PC 14.033 Prelude
 - ◆ PC 21.230 Star cut (Stjarnslipning)
 - ◆ PC 28.187 Fancy Hexagonal Brilliant
5. The exhibitor must be a bona fide amateur and not gain any sizeable portion of their income from gem cutting or any other form of the lapidary trade.
6. Judging percentages:
 - ◆ Workmanship 70 percent
 - ◆ Quality of material 10 percent
 - ◆ Variety of cut 15 percent
 - ◆ Labeling 5 percent

7. Decision of the Rules Chairman is Final

Minimum score of 75 points is required for trophy consideration.

Selected excerpts from the Amfed rules: www.amfed.org/rules/

This is a 99-page pdf, most of which does not apply to this competition.

Look under Division C, including subdivision CF, for rules on labeling and more. Pay attention to these rules.

Rule 9.3 (h) Labeling:

Guide to capitalization: Gem names when used in labels, titles, or headings, are written in all capital letters, but when used within text material they are not capitalized. Descriptive terms may be placed on the label in parentheses, if so desired, and will be judged for accuracy, spelling, and punctuation, e.g. AGATE (Crazy Lace) or AGATE, Crazy Lace; AGATE (Botswana) or AGATE, BOTSWANA; JASPER (Biggs) or JASPER, Biggs; TOURMALINE (Bi-color) or TOURMALINE, Bi-color, etc. If a material is cut and polished as a gemstone, then the name of the base material and any inclusions shall be given, e.g. EPIDOTE in QUARTZ, GOLD in QUARTZ, COPPER in DATOLITE, MARCASITE in AGATE, etc.

Rule 12.7 Workmanship is a measure of the perfection of the meets between facets, the correctness of angles 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. All girdles shall be polished, with the exception of diamonds.

Rule 12.8 Difficulty/Variety of Work refers to the originality, the diversity of type of cut and design of stones, and to the skill that is required to accomplish a near perfect cut of the design and material in question.

Rule 12.9 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 attract and hold the interest of the viewer.

Rule 12.11 When synthetic or other man-made stones are permitted, they must be identified as such on the label.

Changes to the AI Gerding Novice Faceting Competition

By Diana Carroll

We have made two important changes to the AI Gerding Novice Faceting Competition this year.

The first change is that we are providing faceting designs, instead of leaving it to the faceter's choice. This change was made based on feedback from the judges and from previous year's competitors. Novice faceters sometimes have a difficult time choosing a design, and there have been cases where a faceter compromised their chances of winning by choosing an overly difficult design for a novice-level competition. Additionally, it is much more difficult to judge a stone when you don't know what design it was cut to.

We are providing a choice of four designs, in four different shapes, so that competitors can choose the option that best fits their stone and cutting style. The designs have been carefully selected to be beginner-friendly meetpoint designs of approximately the same level of difficulty. Stones should be between 10 and 12mm in size in the faceter's choice of material, although I recommend using synthetic rough in order to avoid issues with stone flaws and inclusions.

We hope this change makes the competition a little more even and fair for people who are entering their first faceting competition.

The second change we are making is that the due date has moved from the August meeting to the September meeting. This is because the Portland Regional Gem and Mineral show, where the stones are displayed and judged, will be held in October this year, rather than September. This change means we can give people a little more time to finish their stone.

Everything else, including the eligibility rules and judging criteria, are the same as in previous years.

Editor's Note: This is one of the design choices for the CWFG 2026 AI Gerding Novice Competition.

PC 28.187 FANCY HEXAGONAL BRILLIANT

CAD BY Jim Perkins
copyright July 2011
Cutting instructions by Diana Carroll

Facet Data

Pavilion facets	24	Pavilion tiers	2
Girdle facets	12	Girdle tiers	1
Crown facets	24+1	Crown tiers	3+1
Total facets	61	Total tiers	7

Size Data

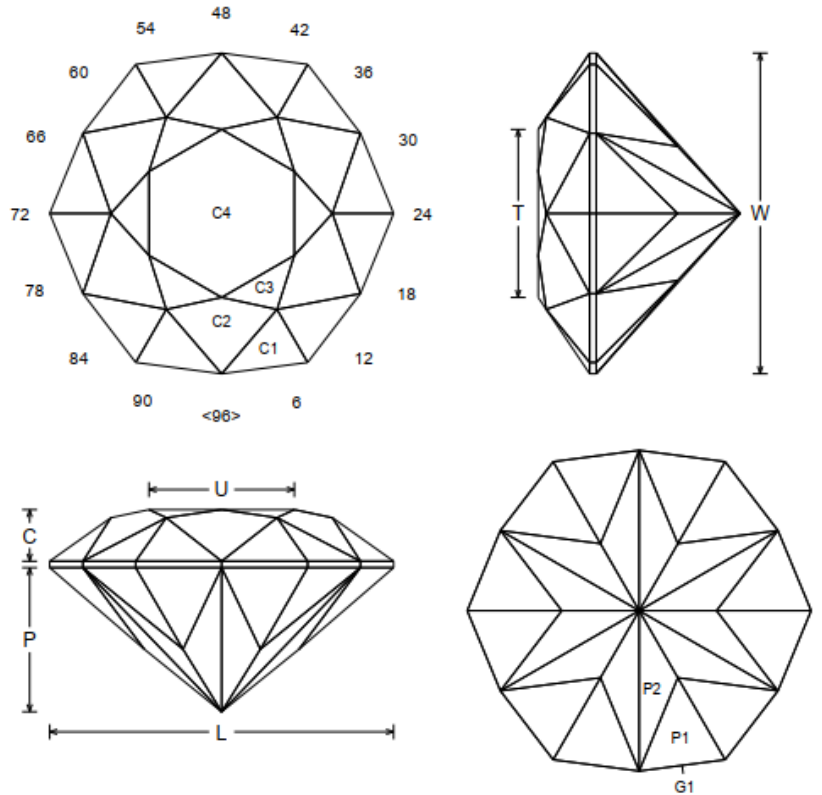
L/W	1.073	P/W	0.449
T/W	0.524	C/W	0.161
U/W	0.454	H/W	0.630
V/W^3	0.219	P/C	2.797

Design Data

Angles for R.I.	1.55
Symmetry	6-fold, mirror
Index gear	96
Shape	Hexagon

Comments

CWFG 2026 Novice competition, target size 10-12 mm



Pavilion

P1	43.00	02-14-18-30-34-46-50-62-66-78-82-94	Form temporary center point
G1	90.00	02-14-18-30-34-46-50-62-66-78-82-94	Set stone size
P2	42.00	01-15-17-31-33-47-49-63-65-79-81-95	Form center point, meet girdle

Crown

C1	37.50	02-14-18-30-34-46-50-62-66-78-82-94	Set girdle size and level
C2	34.00	96-16-32-48-64-80	Meet girdle
C3	12.00	08-24-40-56-72-88	Meet C1
C4	0.00	Table	Meet C2

Editor's Note: This is one of the design choices for the CWFG 2026 AI Gerding Novice Competition.

PC 21.230 Star cut (Stjarnslipning)

Design by Torbjorn Lorin, Sweden, Aug 10 1987
Cutting order and instructions by Diana Carroll

Facet Data

Pavilion facets	24	Pavilion tiers	3
Girdle facets	8	Girdle tiers	1
Crown facets	25	Crown tiers	4
Total facets	57	Total tiers	8

Size Data

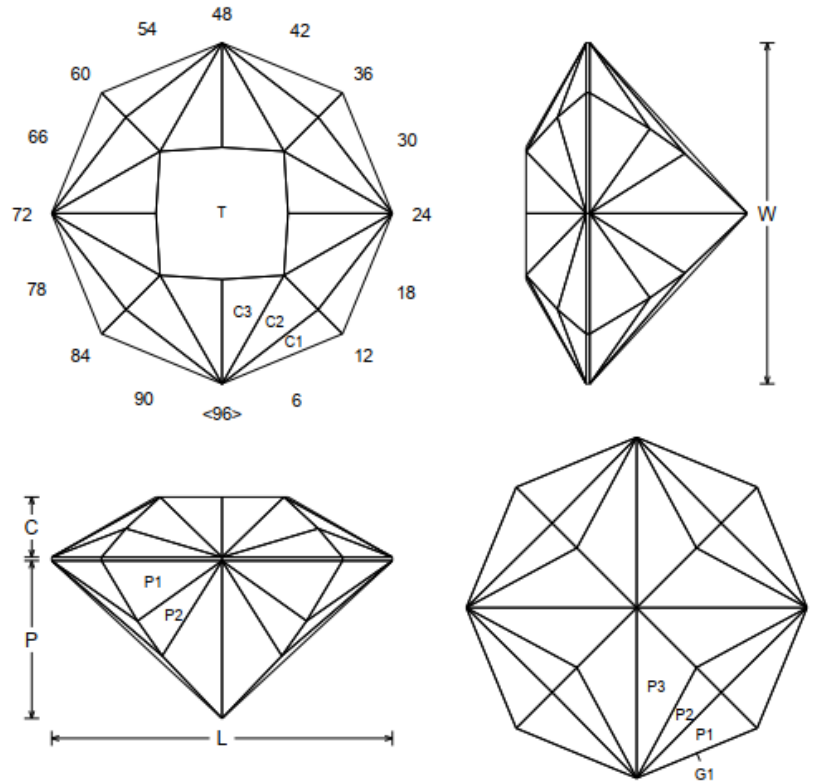
L/W	1.000	P/W	0.462
T/W	0.000	C/W	0.176
U/W	0.000	H/W	0.650
V/W^3	0.201	P/C	2.620

Design Data

Angles for R.I.	1.54
Symmetry	4-fold, mirror
Index gear	96

Comments

CWFG Novice Competition: Target size 10-12mm



Pavilion

P1	52.00	06-18-30-42-54-66-78-90	Form temporary center point
G1	90.00	06-18-30-42-54-66-78-90	Set stone size and meet P1
P2	48.00	05-19-29-43-53-67-77-91	Meet girdle
P3	43.00	02-22-26-46-50-70-74-94	Meet girdle, form final center point

Crown

C1	42.00	06-18-30-42-54-66-78-90	Set girdle size and level
C2	36.00	05-19-29-43-53-67-77-91	Meet girdle
C3	30.00	01-23-25-47-49-71-73-95	Meet girdle
T	0.00	Table	Meet C2

PC 14.033 Prelude

Strout, Edith B; Lapidary J, Dec 73, p1372
Cutting order and instructions by Diana Carroll

Facet Data

Pavilion facets	15	Pavilion tiers	3
Girdle facets	9	Girdle tiers	2
Crown facets	18+1	Crown tiers	4+1
Total facets	43	Total tiers	10

Size Data

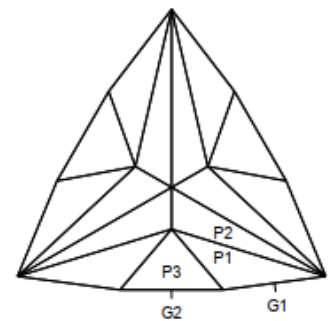
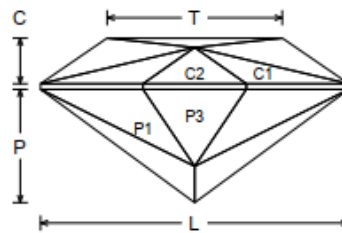
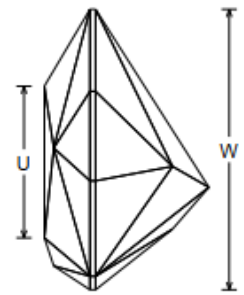
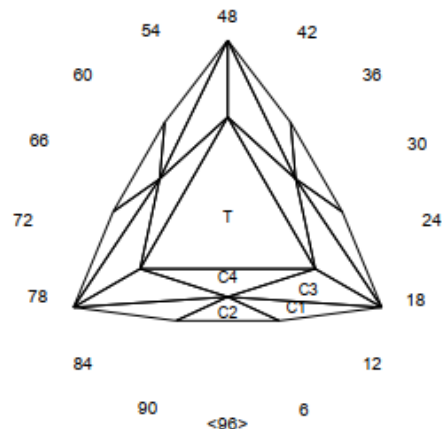
L/W	1.099	P/W	0.404
T/W	0.625	C/W	0.163
U/W	0.541	H/W	0.587
V/W^3	0.172	P/C	2.484

Design Data

Angles for R.I.	1.54
Symmetry	3-fold, mirror
Index gear	96
Shape	Triangle

Comments

CWFG 2026 Novice Competition: Target size 10-12mm



Pavilion

P1	49.00	02-30-34-62-66-94	Form temporary center point
G1	90.00	02-30-34-62-66-94	Set stone size & meet P1
P2	42.00	04-28-36-60-68-92	Meet girdle, form permanent center point
P3	51.75	96-32-64	Meet P1-P2
G2	90.00	96-32-64	Level girdle, meet P1-G1

Crown

C1	50.00	02-30-34-62-66-94	Set girdle size
C2	56.63	96-32-64	Meet C1 & level girdle
C3	42.00	03-29-35-61-67-93	Meet girdle
C4	18.50	96-32-64	Meet C1-C2
T	0.00	Table	Meet C3

Editor's Note: This is one of the design choices for the CWFG 2026 AI Gerding Novice Competition.

PC 09.057 Quadrille

Strout, Edith; Lapidary J, Oct 73, p1048
Cutting order and instructions by Diana Carroll

Facet Data

Pavilion facets	24	Pavilion tiers	4
Girdle facets	8	Girdle tiers	1
Crown facets	20+1	Crown tiers	3+1
Total facets	53	Total tiers	9

Size Data

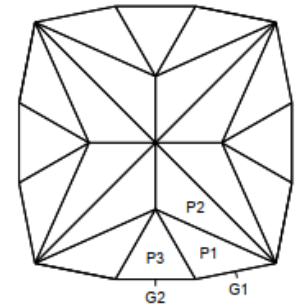
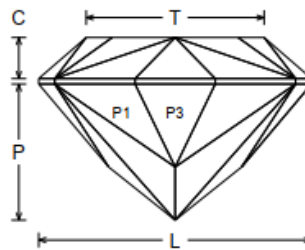
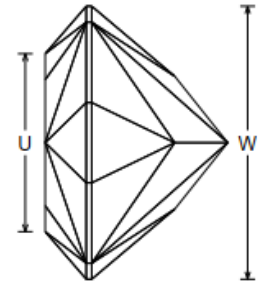
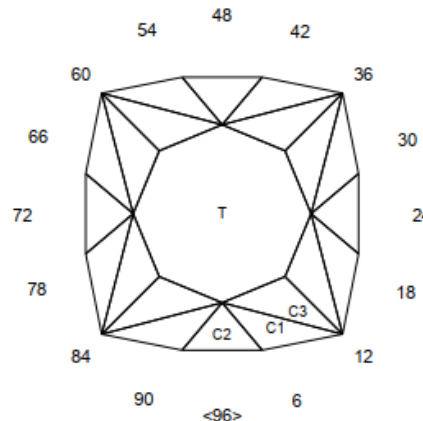
L/W	1.000	P/W	0.499
T/W	0.652	C/W	0.151
U/W	0.652	H/W	0.669
V/W^3	0.273	P/C	3.311

Design Data

Angles for R.I.	1.54
Index gear	96
Shape	Square

Comments

CWFG 2026 Novice competition: Target size 10-12mm



Pavilion

P1	47.34	03-21-27-45-51-69-75-93	Form temporary center point
G1	90.00	03-21-27-45-51-69-75-93	Set stone size, meet P1
P2	40.84	06-18-30-42-54-66-78-90	Meet girdle, form center point
P3	49.85	96-24-48-72	Meet P1-P2
G2	90.00	96-24-48-72	Meet P1-P3, level girdle

Crown

C1	37.07	03-21-27-45-51-69-75-93	Set girdle size
C2	40.87	96-24-48-72	Meet C1 and level girdle
C3	28.65	06-18-30-42-54-66-78-90	Meet girdle
T	0.00	Table	Meet C1-C2