

The Midwest Faceter



JUNE 2000
Volume 20 Number 3

The Midwest Faceter

Editor
30460 Woodstock
Southfield, MI 48076-1216

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2001

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The Midwest Faceter

Volume 20 Number 3

June 2000

Editor

Linda
Badger

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A Publication of the Midwest Faceters Guild

Send all Articles to:

The MIDWEST FACETER
30460 Woodstock
Southfield, MI 48076-1216
email: lbadger@mediaone.net



Deadline:

Six weeks prior to the MWFG Meeting

The MIDWEST FACETER is not forwardable. For Membership Application or Address Change contact: Membership Chairman: Ray Becker, 29802 Rosebriar Street, St Clair Shores, MI 48082-2634.

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WEBSITE <http://sites.netscape.net/craftfanatic>

* ORGANIZED JULY 14, 1979

* PURPOSES:

- * To promote education and recreation
- * To develop the art of faceting
- * To exchange information related to faceting
- * To provide meeting for those of like interests
- * To promote the achievement of individuals

* MEMBER OF:

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THE AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

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Ray Becker, Membership Chairman

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It's Coming the 11th Annual Faceter Guild Seminar August 18-20, 2000.....SEE FLYER THIS ISSUE, Brochures coming soon.

MWFG Website
<http://sites.netscape.net/craftfanatic>

THE MIDWEST FACETER EDITOR

Linda Badger
30460 Woodstock, Southfield, MI 48076
(248) 642-7917

President's Message

Hope all of you are enjoying our Spring (?) weather! Toronto must have been fun for those who attended the joint meeting. Meeting new people and hearing new information on faceting is always interesting. And if you visited the Royal Ontario Museum that would have been the tops!

Our next meeting is our June 17th picnic at Bill Horton's. This is a great experience. The welcoming countryside, the great food, good friends and the wonderful hospitality. Don't miss this meeting!

Then comes our Seminar. Watch for your special Seminar bulletin.

Last, but by no means least – Thank You to all who sent cards, called and prayed for me during my recent surgery. Your thoughts and prayers were certainly instrumental in a successful event.

See you soon,

Happy

MINUTES FROM MIDWEST FACETER's GUILD MEETING May13, 2000, Toronto, Canada

The meeting was called to order by Harold Rice, acting in behalf of Happy Gibbs.

Harold Rice apprised the group that Happy Gibbs had major surgery on Tuesday and was still in the hospital.

Jo Ann Rice reported on the sunshine committee. A total of five cards have been sent to David Graham, Happy Gibbs, Joan Connor, Peter Riva, and Hugo Carlson

No Secretary's report.

No Treasurer's report.

Editor Linda reported Newsletter was out on time. Thanked everyone for their articles.

Education: No report.

Seminar:

Two classes have been added- King's Link Chain and Jewelry Finishing class. There will be no Gem Tree class or Natural Stone Faceting this year.

Advertising for Seminar: It is in the MWF Directory and Newsletter: Flyers were sent to all MWF Clubs and MWF club shows through August 1, all bulletin editors. MWFG web site, Flint Convention and Visitors Bureau. It has also been sent to Lapidary Journal, but was not listed in May issue. Tyler Miller wants 210 flyers for Flint Club newsletter. Linda will correct flyer with new classes and enclose a show Flyer to Tyler.

We have 13 registered as of now.

Meals will be deli-salad bar for lunch on Saturday. Saturday evening will be \$13.50 per person.

No Show report.

Lakeland Gem Club would like some members to come and demonstrate at their show July 22-23 in Miwocqua, WI. Bill Schell, Tyler Moore and Mark Olson were interested in going.

Motion made by Bill Schell to adjourn. Second by Virginia Steele. Motion passed.

Jo Ann Rice , Secretary Pro Tem.

Letter From your Editor:

Virginia Steele and I were two of the people who enjoyed our joint meeting with the North York Faceting Guild. We fortunately had gone down Friday to check out the new Mineral Exhibit at the Royal Ontario Museum and found an added bonus of a special Egyptian Exhibit.

Our joint meeting was delightful, we were welcomed with open arms and had a very interesting lecture starting with "O'Shit"...Peter Herschman our speaker asked us to think about those times we responded that way and what were our solutions. He talked about his solutions to some of those problems and asked us to share some of ours. He has written some ODES TO FACETERS that I have included in this month newsletter, I enjoyed them, maybe they will answer some of your problems.

We also checked out the Lapidary World Rock Shop next door, where they have a workshop and supplies for lapidary work. You can order materials from them I have included their flyer in this issue, they hope to have a website soon.

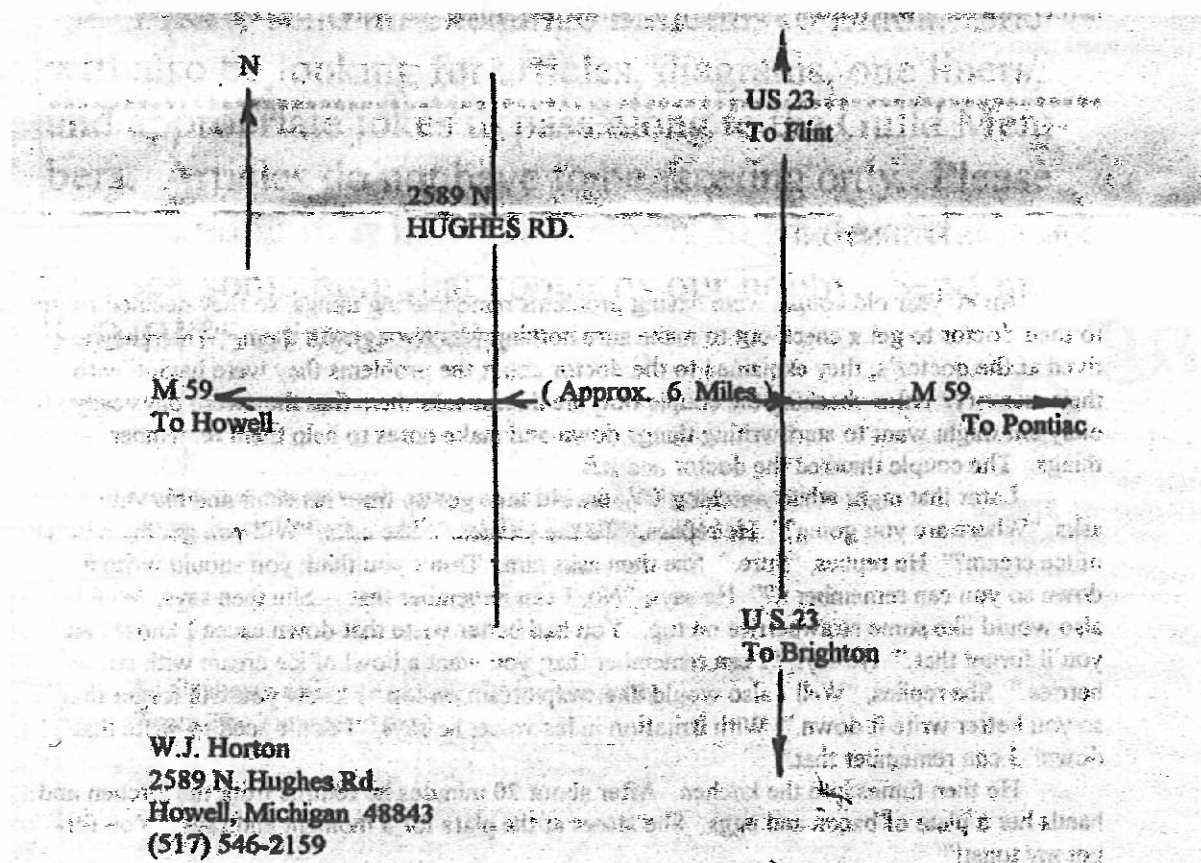
We had lunch at a place that serves a fabulous strawberry pie and dinner at the best chinese buffet I've ever been to. Thank you for inviting us...ps

While I was there I renewed two Canadian memberships and added two new members...

William Orlowski
292 Blue Forest Place
London, Ontario, Canada N6G-4117
(519) 473-5078
w.orkowski@sympatico.ca

Alwyn Lawrence
116 Sylvan Ave
Scarborough, Ontario,
Canada M1M1K3

JUNE 17, 2000 ANNUAL PICNIC at Bill Horton's
Come join the fun, Come early and stay late...Bring an
appetite, a lawn chair and see some good friends.
There will be a program and it's an opportunity to
check out Bill's workshop...I've heard unconfirmed
rumors he's going to start a lapidary school there. I
wish him luck, as one of his past students in Hartland,
I know he'll be bringing in many new faceters. There
will stories to share and plenty of good food.
Board Meeting will start at 10am. Coffee and
doughnuts served. The regular meeting at 1pm, after
lunch. 2589 N Hughes Rd, Howell, MI 48843-9749



MEETINGS FOR REST OF 2000

October 28, 2000 Annual Meeting - to be determined

SPECIAL EVENTS

August 18, 19, & 20, 2000 SEMINAR at Mott College, Flint, MI

Nov 10, 11, & 12, 2000 SHOW at Gibraltar Trade Center, Taylor, MI

Sapphire FACETING GUIDE NO. 87

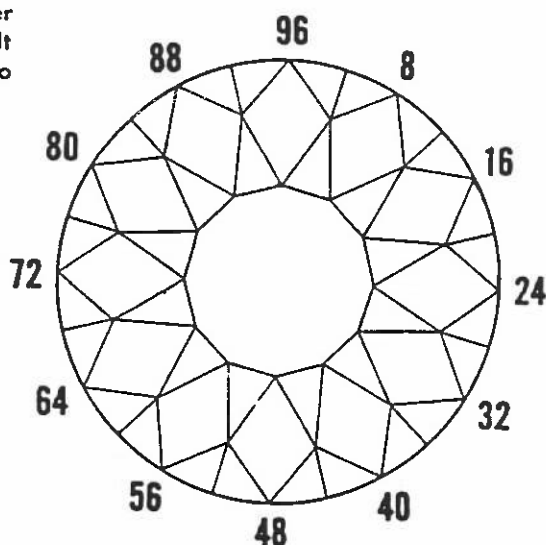
The "KING" Cut is one of the standard Commercial Jewelry Cuts. It is very much like the Standard Brilliant, except it has 12-symmetry instead of 8-symmetry. The "Star" facets are much larger than in the Brilliant and the table is smaller.

This design is suitable for larger stones than the Standard Brilliant. It makes a bright showy stone if you do not object to the small table.

King Cut

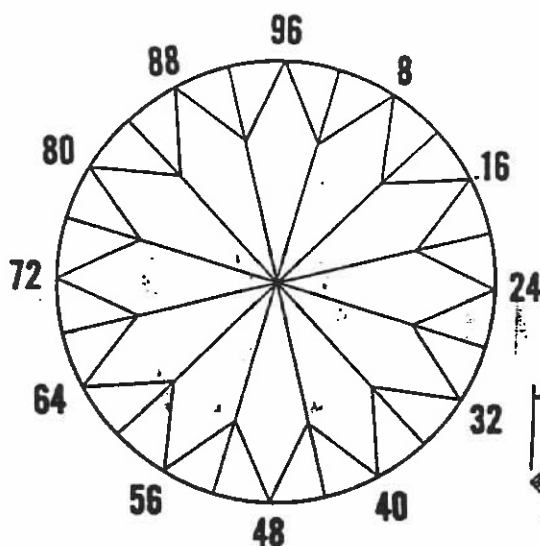
Submitted by
NORMAN W. STEELE
607 North 62nd
Seattle, Washington
98103

ANGLES ARE FOR QUARTZ
USE A 96 INDEX GEAR



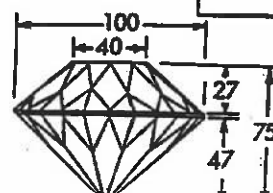
CROWN

ANGLE	INDEX
41°	8-16-24-32 40-48-56-64 72-80-88-96
38°	4-12-20-28 36-44-52-60 68-76-84-92
45°	2-6-10-14 18-22-26-30 34-38-42-46 50-54-58-62 66-70-74-78 82-86-90-94
0	Table about 40% of width.



PAVILION

ANGLE	INDEX
42°	8-16-24-32 40-48-56-64 72-80-88-96
43°	2-6-10-14 18-22-26-30 34-38-42-46 50-54-58-62 66-70-74-78 82-86-90-94



August, October, 1998.

Peter L. Herschman, M.D.

How Not to Facet a Stone: Lessons Earned

I wondered how to convey the difficult lessons learned while faceting a gemstone, in particular, a piece of ametrine intending Al Manestar's Jessica2.Star of David. We might all end up bored out of our minds as I went through step by step in my typical thorough and detailed manner. I've given out the design with Al's permission; he originally designed and cut it as a gift to my younger daughter on the occasion of her Bat-Mitzvah. You may be able to follow the sequence of errors if I designed what follows correctly.

I selected poetry to convey my misadventures in what I hope is an amusing and enjoyable way. I apologize to the ghosts of Chaucer, Shakespeare, Keats, Virgil, Samuel Becket, T.S. Eliot and several other great poets, as I render their work ...literally. Please stop me if you don't clearly understand what I'm describing. My poetic skills are not those of my predecessors, so clarity, may not be as available as I'd intended.

By the way, I wouldn't consider describing my mistakes, embarrassing as some of them are, without my understanding of the general attitude of this group. Thanks to our collective openness and mutual respect, I'm comfortable elaborating on what appeared to be a simple enough task. References are to the diagram I've given out; the 'line' to which I refer is that between the apices of P1, the corners of P2 comprising the base of the triangle formed by P3..

Whan that Aprill with his shoures soote
The droghte of March hath perced to the roote,
And bathed every veyne in swich licour
Of which vertu engendered is the flour;
Whan Zephirus eek with his sweete breeth
Inspired hath in every holt and heeth
The tendre croppes, and the yonge sonne
Hath in the Ram his halve cours yronne,
Than longen folk to taketh to ther facetyng,
Thus one day didst I descend to dark halwes
Of our basment and in a sete did place my butt.
Intendyng to seke elusyve blisful cut of Star of Al
To celebrayt the day of birth of my goode wyfe Pat.

Of dops I rhyme, and of the man who tried
To cut a Star of David and dared tempt fate.
To Faceting Machine and Index wheel came he

-2-

Much bounced about on meetpoint and line
Not carried by the Chariots of the Gods,
Instead buffeted about by them, to satisfy
Deities of Not Knowing, though Caring much.
Those lessons learned must he share including
Thoughts of Compromise Formation, Patience,
Trusting accuracy of Raytech, Ultra-tec and Lee.
Tonight he hopes to transform failure to success
That all of you, my Fellows, my friends in deed
Might benefit, and not face fate's betrayal
But sing Songs of Experience, not of Innocence.

With hope I gazed on Al's design
Determined at last to facet fine.
For three years I'd not cut or ground
Because Time simply could not be found.
I turned to dop on my Raytech-Shaw
Carefully centred the ametrine and saw
Epoxy glue solidify using only a drop.
At last, my thought, I can cut a lot.

Al had helped preform the stone,
So pavilion would I facet starting
With girdle, carefully measuring each length
As detailed looking might decree
From corner to corner, vertical line to line....

P1 at 57.7° each delicate triangle,
Carefully matching the girdle edges,
But the heights turned out uneven.
Perhaps because I raised and lowered the plate
(Or mast height, for those with post machines)
At least this first round, seeking by eye
To ensure exact meetpoints at the girdle,
Result: Uneven heights of apex angle.

A thought pussyfoots in.
It sits,
Looking over the problem
And then settles on.

I conclude the uneven preform has been responsible,
A mistake, of course, but who knew at the time?

-3-

So facet P1 again, carefully ascertaining
The form and height of each apex angle
This time attaining poor meet at the girdle....

Undeterred, I regrind carefully cutting each facet
Certain an exact meet at P1, girdle and P2 evoke no regret,
But of course, something still was wrong
Though compromise had become a forlorn song.
Some uneven matches I'd accept, at girdle level set.

P 2, 3 and 4 seemed easier than before
Creating a straight line which I thought would be fine.
But it did not meet--so I had to cheat,
Did I ever! And thus I realized that never
Must one cut a side without Michelle Heath there to guide
A different style of stone design; could she help me with mine?

An Ode on Friendship

My heart aches, and a drowsy weariness spreads
Over my body as if I'd been hard at work
Or up very late the night before, and so was dead
Tired, frustrated, perplexed. One must not shirk
This unenviable lot. So to my friends my pleas.
Sweet Bill Attwell, Wilf, Al, Harry, Murray or Bill
Deasley, (now sadly lost), with whom will I fill
Myself with hope, faith, the care my friends can give?
This truth I tell--'Life is with People, with Friends.
That is all one needs on earth, and all ye need to live.'

Not yet more than a call; determined was I to give my all.
I'd learned to straighten out a curve (by now I cheated with a verve!)
In this third re-cut again P 1 to 4, do it right, though sore
Was I with some distemper. But, like the elephant Horton, "*Semper!*"
I won't give up, not me, not ever!

Moving the plate up and down just a little
Would make missed meets touch in the middle.
Rather than trust my guage or machine
Mine eye would match edges absolutely clean!
And so I cut on determined to ensure

-4-

A beautiful stone for my wife so sure.
Yet...the P3 baselines weren't centred
Though Compromise I'd accepted.

An Ode to Compromise

Perfection is not for man to bear, a burden for the Gods instead,
As the ancient Greeks marred flawless statues lest deity be offended.
So must a faceter learn with patience and skill to accept error
Throughout the days and nights oft laden with terror
Of one false cut, a slight bit too much, or too little.
Instead one turns to lowly Compromise, with faith in growth
And love of cutting, it easily becomes a way of life,
Unless, of course one turns to competition, the bane of the obsessive.
But mortals such as I may love and find beauty in the face
Which doesn't quite match up or in the plane just a little bit recessive,
And in rounded edges of a polished gem instead of one which does not trace
A knife-like cut along the sharp, dangerously shiny, scratchlessness.
Instead O Compromise, comfort and succor mere mortals such as I,
Who gladly accept all kinds of errors, scrapes and miscues
To cut and polish gems normal people can see with naked eye
As a lovely, satisfying creation.

After this high-faluting poetic libertinism, I'll continue my narrative:

June is the cruellest month, bringing
Weeds out of the live grass, mixing
Struggle and desire, evoking
Faceters' hopes for the coming summer.
Fall takes us from this, leading
To a full and active work year, paving
The way for a little stone cutting over Christmas.
My problems surprised me, Don had taught me well
With his infinite patience and loving kindness.
Solving such difficulties and moving on
Is what makes a faceter, or so I've learned.
Perhaps I should have a Coke with a friend.
I read much of the night, and go south in the summer.

In one form or another, I'd been cutting four times,

-5-

Still, no proper match, nor meet nor even straight lines.
While determined I am, even stubborn dare some say
It was plain I required some help on this day.

A Sonnet

Despair had taken hold of my heart and my mind
Crooked lines on P 3 base I'd had to cheat
A fabrication in cutting although no minor feat
Left me unhappy, unsure, needing someone kind.
Again, I picked up the phone wishing to find
Some help from Al Manestar, gentle and complete.
I drove the miles to his basement -- not neat
Where Al looked over the machine and my bind.
Raytech-Shaw--its function was intact
And Al's attempt at polishing left the impression
That the stone was simply difficult, in fact.
Then suddenly, with great inspiration
Al took out brass calipers and taught me to measure
Across the stone for accurate rendition!

Of course, the girdle facets were uneven--though carefully
I'd measured them each by length. Across diameter
Was the correct route and so I returned my long way
And once again, recut a girdle the very next day.

This time I'd learned three major lessons, in talking
And thinking about these interactions.
First, measure across the stone; Second, trust the machine,
As it's accurate; Third, call friends; maintain the dream.

Patience and drive in abundance I have,
So pretty soon, I'd cut P 1 2 3 and 4
With good results! So celebrate--and prepare
To finish cutting with appropriate care.

P 5, then Table I cut with growing confidence
Late into the night, so as to prepare this gift for Pat.
A work of love I'd declared this to be
Clean, with lovely matches one could see.

-6-

Oh, oh, Lesson Four: one can't challenge Perfect
I'd cut too long, and careless became
Though Compromise offers hope, more than a trace.
How could I have done it; I'd cut an extra face!

By now, inured to my disgrace
(I had misread a line and numbered wrong)
Give up, smash stone, leave no trace.
Not me--so off to Al's I fly,
Unafraid that my pleas he would deny.

His patience I'd tested by calling his place
(Several times for guidance, support and advice).
Yet with kind understanding and grace
Thank you, Al for your generous help,
Not once did you say, "Go away, you whelp!"

With my upset he remained quite placid,
(For 'most every problem can be solved).
Simply cheat a lot the adjoining facets
Which I did, marvelously reducing its size
A smaller extra face; no more did mar my prize.

By now I'd recut several times (P 4, 6) and evened out the Star
So its 600 grit profile could be seen from near or far.
By cutting P 3, 5 to even widths I'd created an image
Just about clear. Good Grief; now almost a Sage!

A Dramatic Monologue

"Ah, but a man's reach should exceed his grasp
Or what's a heaven for?" I'd managed with some
Degree of effort and help, good Fortune's glance
To complete the cutting of my Love's stone.
Now a moment's rest, before I continue my hobby
Daring to polish and finish what had been started
Three months and many nights ago. Much had been
Learned in the process about patience, compromise,
Friendship and Trust. John Donne was correct: "No Man
Is an Island; Everyone is Part of the Main."
Self-Reliance is a valuable ideal, but if we can share

-7-

Wisdom and strength we can do so much more
And of course, we can learn to facet much better.

Now on to polishing the Pavilion:

50,000 Diamond and my Fast Lap,
Lots of Paraffin Oil, my toes did they tap,
For shiny facets without any scratch,
So what if rounded facets didn't exactly match.

Thus reassured, I finished my polish
Was pleased, dare I say, with my compromises,
Even looking forward to cutting the Crown,
I bet I can manage without even a frown.

With Malcolm Orr's new Jig
An easy transfer, with surprise, I did.
Small blowtorch metal dop did heat
Epoxy seal melted releasing Crown seat.

But then a problem, C1 didn't match
The angles were odd, it seemed.
"Trust your machine," I'd learned
Soon, even lines would certainly return.

Only later I learned that in heating the metal
I'd softened the glue retaining the stone
The odd C1 angles would never settle
For a tilt to the Crown I'd have to atone.

They didn't, and so I thought to switch a beat,
I'll cut a table, and lower the height
Perhaps then, they'll equate and solve my plight
I could call Al, his advice to seek.

Not yet, methought, let's see what happens.
I'll grind the table, polish easy this time.
Satisfaction no longer seemed like a fable,
At last, this stone may well be mine!

-8-

No Problems

You have no problems, you say,
Alas, my friend, the toast is poor,
He who facets, must accept risk.

If he takes none,
Sad is the hobby with which he has fun.
He's never pressed down a little too hard,
In hopes of removing a little more lard,
He never accepted compromise formation,
And learned to cut using sound intonation.
He's never made a big mistake,
And wrecked a stone completely!

For while reducing the table height,
I pressed down with my considerable might,
Out of my fingers twisted the tripod,
The gem tearing and breaking, irreparable, save by God!

It was plain, "Nothing to be done."
(Who needs Waiting for Godot at a time like this?)

Still undaunted, determined and strong,
I set out to right this chastening wrong.
And drove to Al's--long-suffering Al, remember him?
We selected another large piece of ametrine.

Preformed on his grinder, to dop epoxy glued,
Clearly on centre, tried and true,
Again, girdle cut, to diameter tolerance of 0.03
G 1 exact as trusting my machine could see.

I'd hoped to bring completed Star of David,
Only Psychoanalytic Institute classes to be taught,
Impeded my cutting, by now less fraught
With danger, as I'd learned a great deal.

Now I can readily share with you,
Some lessons learned, all tried and true:

(1) Measure the girdle across the diameter, not at the face.

-9-

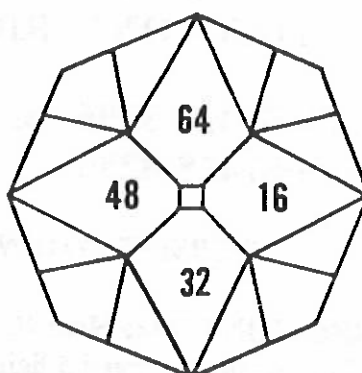
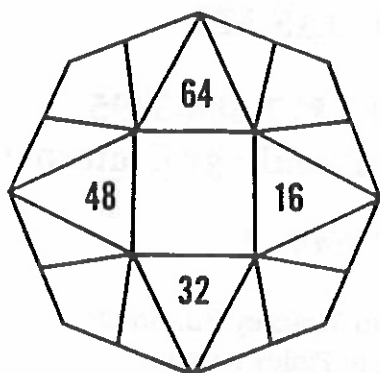
- (2) Trust your machine, avoid disappointment, lost time and fuss.
 (3) Accept Compromises; perfection is not for the likes of us.
 (4) Emerson was only partly right when he wrote,
 "Trust thyself, Every Heart vibrates to that Iron Chord!"

Many friends influenced this lesson,
 Seek our help when needed.
 Thus, the End of my session.

Sapphire FACETING GUIDE NO. 89

DOUBLE-CUT BRILLIANT

USE A 64 INDEX GEAR • ANGLES ARE FOR QUARTZ



Submitted by
 NORMAN W. STEELE
 607 North 62nd
 Seattle, Washington
 98103

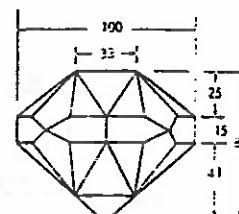
SEATTLE FACETOR'S DESIGN
 - Sept. 1969

CROWN

ANGLE	INDEX
90°	60-04-12-20 36-44-52-28
37°	64-16-32-48
46°	60-04-12-20 28-36-44-52
51°	08-24-40-56

PAVILION

ANGLE	INDEX
90°	60-04-12-20 28-36-44-52
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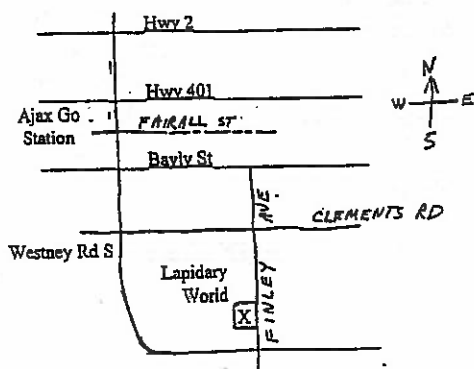
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REG THOMPSON

THOMPSON'S GEM STUDIO

748 Rancho Way • Petaluma, CA 94952



Angles are for YAG; preferably lightly colored material. Index settings are for a 96 Index Gear. Recommended stone size is from 7mm to 15mm. 10mm seems to be the ideal size for the greatest spectral return. Total number of facets are 57, including the table and faceted girdle. Width of the table is approximately 40% of overall width of stone.

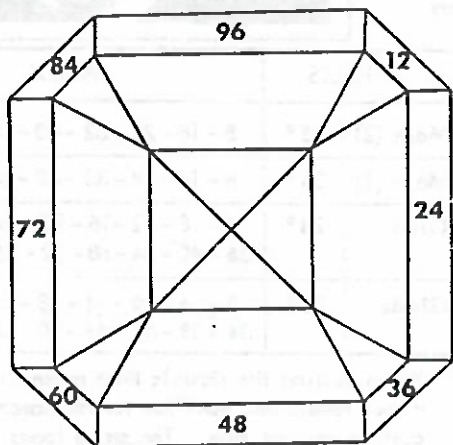
Should you wish to cut this design in material other than YAG, the following angles may be used for either light rhodolite garnet, corundum, or tourmalines. However, always make sure that the material you are about to cut is the lightest color possible, as this cut intensifies the color.

Pavilion - 48°, 40°, 38° Crown - 41°, 36°, 26°

PAVILION

ANGLE	INDEX
90°	96 - 12 - 24 - 36 48 - 60 - 72 - 84
46°	96 - 12 - 24 - 36 48 - 60 - 72 - 84
41°	96 - 12 - 24 - 36 48 - 60 - 72 - 84
36°	96 - 24 - 48 - 72

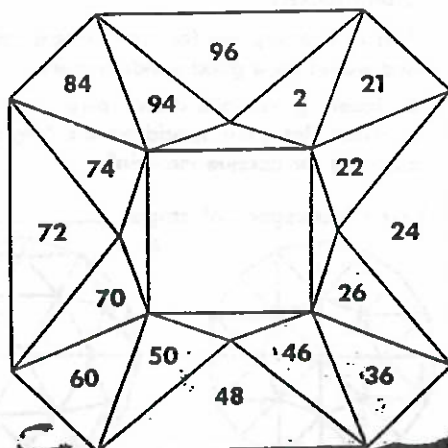
Polish in reverse order of Cut.
Polish portion of girdle at 89 1/2°
Transfer Dop.



CROWN

ANGLE	INDEX
44°	96 - 12 - 24 - 36 48 - 60 - 72 - 84
37°	2 - 22 - 26 - 46 50 - 70 - 74 - 94
25°	96 - 24 - 48 - 72

Polish in reverse order of Cut.
Cut & Polish the table.



Sapphire FACETING GUIDE NO. 94

Double Rose Cut

for 15 mm. or more

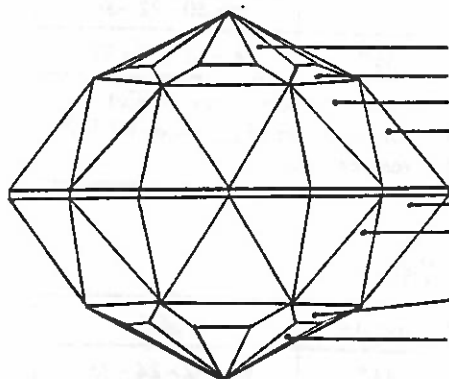
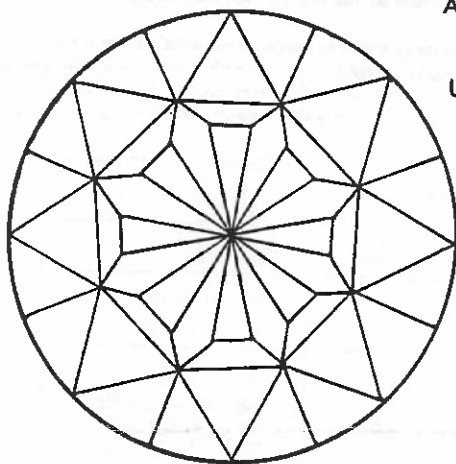
Submitted by:

Margaret (Mrs. J.D.) O'Connor

ANGLES ARE FOR
QUARTZ

USE A 64 INDEX
GEAR

Double Rose has
96 facets



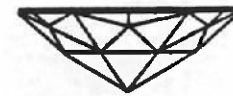
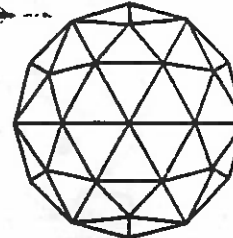
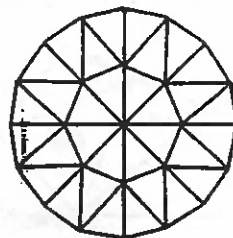
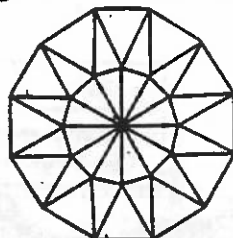
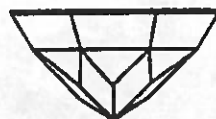
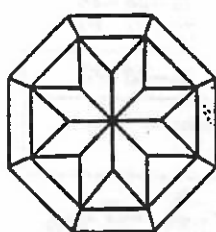
ANGLES		INDEX
Main (2)	45°	8-16-24-32-40-48-56-64
Main (1)	35°	8-16-24-32-40-48-56-64
Culet	28°	4-8-12-16-20-24-28-32 36-40-44-48-52-56-60-64
Girdle	55°	2-6-10-14-18-22-26-30 34-38-42-46-50-54-58-62

When cutting the Double Rose make sure the crown facets and pavilion facets match when cutting second side. The stone looks better if the girdle is cut and polished to match the crown facets.

This is a lovely cut for coloured material and would be a good pendant stone.

By faceting only the crown and cutting the pavilion flat you would have a Single Rose cut used for opaque materials.

Other Rose Cuts Submitted by H.J. Kerr • Muskegon, Michigan

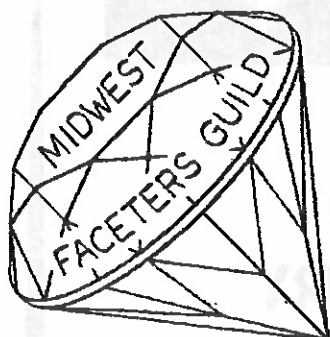


FACETERS + SEMINAR

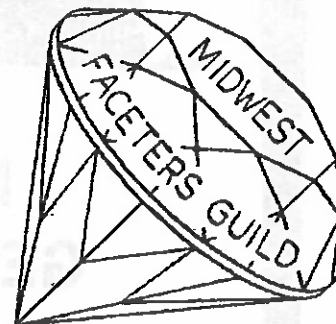
MIDWEST FACETERS GUILD

11th Annual Faceters Seminar

August 18-20, 2000



Mott Community College
Flint, Michigan



Classes Offered

Beginning Faceting
Advanced Faceting
Open Class Faceting
Jewelry Finishing

GemCad (Computer Designing)
Lost Wax Casting
Bead Workshop
King's Link Chain

Schedule

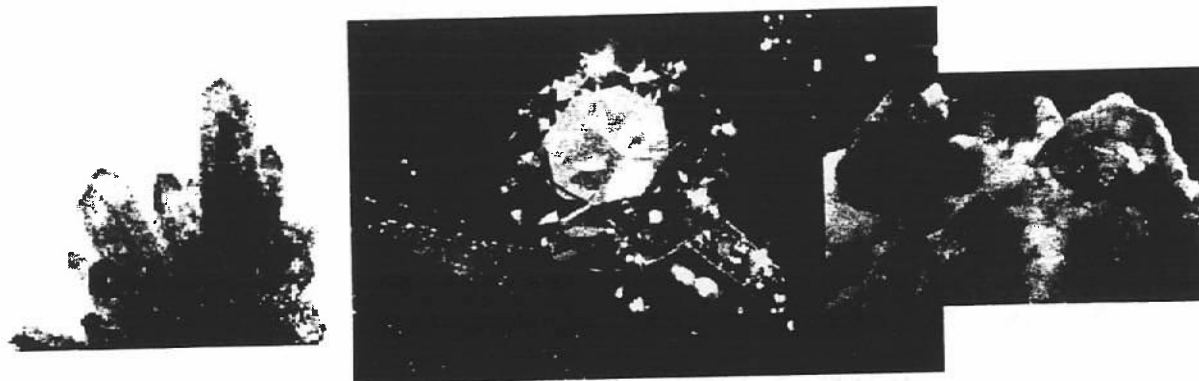
August 20, Friday	3:00pm to 7:00pm Registration & Setup 7:00pm to 8:30pm Welcome and Introductions
August 21, Saturday	8:30am to 5:30pm Classes Evening Banquet (optional)
August 22, Sunday	8:30am to 3:30pm Classes 3:30pm to 5:00pm Take Down and Clean-up

Class Sizes Limited - Register Early
Registration required by July 25, 1999
For registration Forms and Information call or write

(810) 463-5972
email azrice@wwdb.org

Midwest Faceters Guild
c/o Harold "Arizona" Rice
122 Lois Lane
Mt. Clemens, MI 48043

Information Packets will be sent upon request



**NOVEMBER 10-12, 2000
GEM, MINERAL and JEWELRY
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MIDWEST FACETERS GUILD
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**GIBRALTAR TRADE CENTER SOUTH
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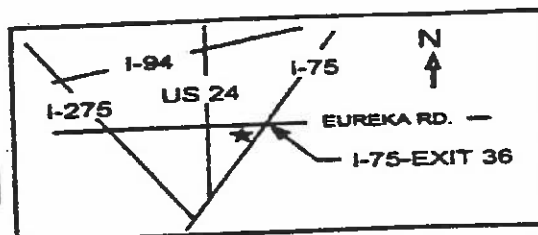
**1-75 take Exit 36 -Eureka Rd
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FRI 12-9 _SAT 10-9 _SUN 10-6

Free except for charge for PARKING.

**Midwest Faceters Guild is an non-profit Club dedicated
To the Education and Sharing of Knowledge on the Lapidary
Arts. We will have many demonstrators on hand to show you
how to do things, exhibits of the highest quality of work, and
dealers with equipment, supplies, minerals and fine jewelry.**

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MIDWEST FACETER'S BOOKLIST

		chains	
Eyewitness Handbook Rocks and Minerals	Chris Pellant	Color pictures of specimens, descriptions of types of minerals, where found	Amateur to experienced can use for reference
Gems Made by Man	Kurt Nassau	Discussion of manmade gemstones how made and their qualities	Advanced Gemcutters
Gemstone Enhancements History, Science and State of the Art	Kurt Nassau	Treatments to enhance your gemstones color	Advanced Gemcutters
Glass in Jewelry Hidden Artistry in Glass	Jargstorf	Various styles of glass beads	Ideas for beadworkers
Introduction to Lapidary	Pansy D. Krause	Introduction to lapidary techniques and equipment	Amateur
Lake Superior Agate	Scott F. Wolter	Best book on lake superior agates, pictures, where found, how formed	For the rockhound
Midwest Gem, Fossil and Mineral Trails-Great Lake States	June Culp Zeitner	Maps of Great Lake States and descriptions of minerals found there	For the rockhound
Mineral Collector's Handbook	Barry Krause	How to identify, test and house your mineral collection	For serious collectors

		minerals, where found	
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Moods in Wire Volume 1	Ellsworth "Ed" Sinclair	Beginning wirewrap techniques	Amateur Wirewrapper
New Beadwork	Kathlyn Moss and Alice Scherer	Examples of the finest beadwork, few instructions	Ideas for the advanced beadworker

Practical Casting A Studio Reference	Tim McCreight	Techniques for casting	Amateur
Practical Gem Knowledge	Charles J. Parsons	Practical guide to gem identification	For serious beginners
Rockhound Handbook	James R. Mitchell	General description of where and how to collect minerals	Amateur rockhound
Victorian Jewelry Unexplored Treasures	Corinne Davidov	Beautiful pictures of channel worked and intaid jewelry	No instructions, just descriptions of various styles

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