

Wel Come To ...

MGM MECH PVT. LTD.

Mfrs. of Diamond Polishing Dop / Tang : Bottom - Top - Star - Girdle - Table - Fancy EYE LOUPE - 10X 18mm & 21mm / Normal & Triplet Precision Steel & Brass Components

Dayanand Co-Op. Society, Opp. Gulabnagar Octroi Naka, Jamnagar-361007, Gujarat (INDIA) Ph.: +91 288 2570101

> Pratik : +91 98256 35753 Ramesh : +91 98256 46253 Shailesh : +91 98256 47253

E-mail: mgmmech@yahoo.com

www.mgmcompany.in

<u>About Us</u>

At the outset, we '**MGM MECH PVT. LTD.**' established in the year **1977** (formerly known as M.G.M. & Co.) take this opportunity to introduce ourselves as a leading manufacturer, supplier and exporter of an array of highly advanced and sophisticated Diamond Polishing Dops, Diamond Polishing Machinery Parts, Top Dops, Bottom Dops, Girdle Polishing Dops, Clawholders / Telescopes, different types of eye loupes and allied products, embedded with standard quality and durability. We have developed DOPS / TANGS, which are mostly used for cutting, polishing and faceting precious diamonds.

Being an ISO 9001:2008 CERTIFIED COMPANY, We bet on our products, as they are manufactured using optimum quality raw material sourced from reliable and certified vendors in the industry. Our in-house, testing and checking ensures that our products achieve desired parameters and provide you complete satisfaction. We aim to fulfill our customer's demands with quality and satisfaction. Our products are the outcome of deep study and research; hence they are always high on quality and reliability.

Our organization has been supported by a team of highly qualified and skilled professional, which fosters us to bring forth the best-in-class range of products. Our professionals are capable enough to develop products in accordance with the market trends and established quality benchmarks. Along with this, we have a sound production unit which is erected with machinery based on advanced technology, fosters us to complete projects with efficiency. Apart from above, with our continuous improvement and innovation we have been able to exceed expectation of clients based across the market of Indian Subcontinent, Middle East, South America, South/West Europe and North America.

<u>Quality Assurance</u>



Owing to our uncompromising approaches towards quality, we have been awarded with **ISO 9001:2008 certification**. Being quality forte of our organization, we ensure to develop products in complete adherence with the defined parameters of the industry. We develop all our products by making use of high-grade basic material such as stainless steel, brass, aluminum and others. Raw material which we use is being procured from the accredited names of the industry. We ensure to design all our products with utmost precision keeping in mind their applicability. Afterwards, we stringently test all our products through effective methods to ensure their longer serviceability, robust construction, smooth finish and efficiency.

BOTTOM DOP

The Standard of Quality Hardened Steel



SINGLE VITESSE BOTTOM DOP (D021SV24)

- designed for full finish cut for the Bottom
- 24 click with high accuracy color coding
- adjustable angular facet screw
- single vitesse
- gauge-plate indicating 24 to 51 degree
- quick and precise facet screw
- accurate water-level
- wascover / pot fitting 8 mm; 9 mm.
- standard weight 270 gm.

 Image: A set of the set

The Standard of Quality Hardened Steel

FIX ANGLE BOTTOM DOP (D021FV24)

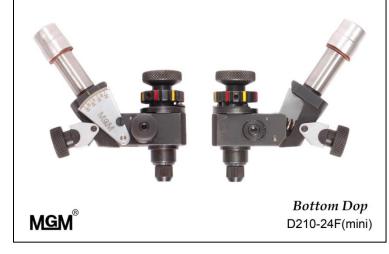
- 24 click, also available 8,16, 32 click
- fix ranged angle adjust screw
- single vitesse
- gauge-plate indicating 24 to 51 degree
- quick and precise facet screw
- accurate water-level
- wascover / pot fitting 8mm; 9 mm.
- standard weight 271 gm.



BOTTOM DOP (D210-24)

- 24 click, also available 8, 16, 32 click
- single vitesse
- dop also come with revolving claw-holder
- gauge-plate indicating 25 to 55 degree
- quick and precise both side facet screw
- accurate water-level
- wascover / pot fitting 8 mm; 9 mm.
- revolving / fancy claw-holder available on request
- standard weight 390 gm.

The Standard of Quality Hardened Steel



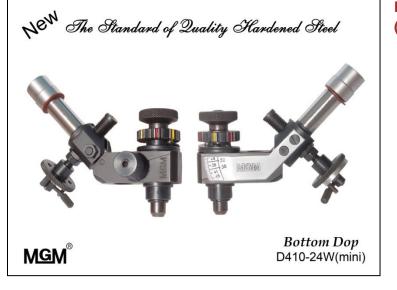
BOTTOM DOP MINI (D210-24-mini)

- 24 click, also available 8, 16, 32 click
- No vitesse
- Gauge-plate indicating 21 to 59 degree
- quick and precise facet screw
- accurate water-level
- wascover \ pot fitting 8 mm; 9 mm.
- standard weight 235 gm.



BOTTOM DOP (D410-24)

- used for blocking finish bottom in round cut
- 24 click, also available 8, 16, 32 click
- quick and precise facet positioning screw
- gauge-plate indicating 24 to 45 degree
- accurate water-level
- wascover \ pot fitting 6 mm; 8 mm; 9 mm.
- claw-holder available on request
- standard weight 310 gm.



BOTTOM DOP MINI (D410-24W-mini)

- new lever system mounted on angle screw for quick change from main to halves facet
- dop designed to speed up finishing process
- 24 click, also available 16 and 32 click
- quick and precise facet screw
- adjustable telescopic claw holder available on request
- gaugeplate indicating 29 to 45 degree
- accurate waterlevel
- wascover / pot fitting 8 mm; 9 mm.
- standard weight 216 gm.

The Standard of Quality Hardened Steel



BRASS BOTTOM DOP (DB021SV24)

- available clicks 24, 8, 16, 18, 32, 96
- gauge-plate available on request indicating 24 to 51 degree
- adjustable angular facet screw
- single vitesse / also available without vitesse
- quick and precise facet screw
- accurate waterlevel
- wascover / pot fitting 8 mm./ 9 mm.
- standard weight 182gm. (mini) / 220gm.(std.)

The Standard of Quality Hardened Steel



BRASS BOTTOM DOP IMPROVED (DB021-240)

- available clicks 24, 8, 16, 18, 32, 96
- gauge-plate indicating 24 to 51 degree
- adjustable / fix angular facet screw
- single vitesse, also available without vitesse
- quick and precise facet screw
- accurate water-level
- wascover / pot fitting 8 mm./ 9 mm.
- standard weight 230 gm.

STAR DOP

The Standard of Quality Hardened Steel



STAR DOP (FANCY) (D051-8)

- Specially designed for Excellent Heart and Arrow
- 8 click, also available in 16 clicks
- gaugeplate indicating 18 to 54 degree
- quick and precise facet screw
- accurate waterlevel
- pot fitting 6 mm; 8mm.
- standard weight 325 gm.

The Standard of Quality Hardened Steel



MGM®



STAR DOP WITH LOCK SYSTEM (D051FD8)

- 8 click, also available 16, 32 click
- close or open-ended angular facet screw
- gaugeplate indicating 18 to 45 degree
- quick and precise facet screw
- accurate waterlevel
- pot fitting 6 mm; 8mm.
- standard weight 325 gm.



STAR DOP IMPROVED (D510-8T)

- 8 click, also available 16, 24, 32 click
- open ended angular facet screw
- gaugeplate indicating 18 to 54 degree
- clawholder with circular movement
- quick and precise facet screw
- accurate waterlevel
- pot fitting 6 mm; 8mm.
- standard weight 285 gm.

The Standard of Quality Hardened Steel



STAR DOP 8X (D410-8T)

- dop designed to speed up finishing process
- 16 click, also available 8, 24, 32 click
- quick and precise facet screw
- removable clawholder or revolving clawholder available on request
- gaugeplate indicating 26 to 45 degree
- accurate waterlevel
- wascover / pot 6mm; 8mm; 9 mm.
- standard weight 381 gm.

The Standard of Quality Hardened Steel

BRASS STAR DOP (DB051-8)

- available clicks 8, 16, 24, 32, 96
- gauge-plate available on request indicating 18 to 45 degree
- open ended angular facet screw
- quick and precise facet screw
- accurate water-level
- pot fitting 6 mm./ 8mm.
- standard weight 220 / 250 / 280 gm.



BRASS FIX DEGREE STAR DOP (DB051FDL)

- available clicks 8, 16, 24, 32, 96
- gauge-plate indicating 18 to 45 degree
- lock system on angular facet screw
- quick and precise facet screw
- accurate water-level
- pot fitting 6 mm./ 8mm.
- standard weight 250 gm.

TOP DOP

The Standard of Quality Hardened Steel



TOP DOP WITH DOUBLE VITESSE (D061DV32)

- 32 click, also available 8 and 16 click
- doule vitesse
- gaugeplate indicating 18 to 45 degree
- quick and precise facet screw
- accurate waterlevel
- pot fitting 6 mm; 8mm.
- standard weight 356 gm.

The Standard of Quality Hardened Steel

MGM®

D610-32T



TOP DOP WITH QUICK STEP (D610-32T)

- new quick angular changing click system enable accurate partition between main facets, halves and stars
- multilevel degree gear system
- accurate for excellent cut like Cemetery 3-X
- 32 click, also available 8, 16, 24 click
- quick and precise both side facet screw
- gaugeplate indicating 18 to 48 degree
- removable clawholder; accurate waterlevel
- wascover \ pot fitting 6 mm; 8mm.
- standard weight 401gm.

TOP DOP 16X (D410-16T)

- dop designed to speed up finishing process
- It has attached fixed clawholder for diamond's table stopper and also makes diamond's facet angle very accurate for top
- 16 click, also available 8, 24, 32 click
- quick and precise facet screw
- removable clawholder or revolving clawholder available on request
- gaugeplate indicating 26 to 45 degree
- wascover / pot 6mm; 8mm; 9 mm.
- standard weight 381 gm.



TOP DOP MINI (D410-32T-mini)

- dop designed to speed up faceting process
- 32 click, also available 16 and 24 click
- quick and precise facet screw
- adjustable telescope clawholder or revolving clawholder available on request
- gaugeplate indicating 29 to 45 degree
- accurate waterlevel
- wascover / pot 6mm; 8mm.
- standard weight 276 gm.



BRASS TOP DOP MINI WITH SINGLE (DB061SV32)

- 32 click, also available 8, 16, 96 click
- single vitesse
- gauge-plate available on request indicating 18 to 45 degree
- quick and precise facet screw
- accurate water-level
- pot fitting 6 mm./ 8mm.
- standard weight 229 grams

BRASS TOP DOP WITH DOUBLE (DB061DV32)

- 32 Click, also available 8, 16, 96 click
- double vitesse
- gauge-plate available on request indicating
- 18 to 45 degree
- quick and precise facet screw
- accurate water-level
- pot fitting 6 mm./ 8mm.
- standard weight 269 gm. for medium and 320 gm. for heavy

GIRDLE POLISHING DOP







GIRDLE POLISHING DOP (D031R96)

- such system enables accurate facets in any direction
- both side facet screw
- gauge-plate indicating 0 to 24 partition, also available 0 to 18 partition quick and precise facet screw
- dop for quick and accurate proportion of the facets on girdle
- single facet screw
- available click 64, 96, 128, 144, 180
- platforms and available pots no. 00,0,1,2,3,,,,,18, 20, 22,24
- accurate waterlevel
- standard weight 277 gm.

ROUNDIST DOP / GIRDLE POLISHING DOP WITH CLICK SYSTEM (D310-128)

- with 128 division / click
- unique dop for quick and accurate proportion of the facets on girdle
- single facet screw
- available click 64, 96, 128, 144, 180
- platforms and available pots no. 00,0,1,2,3,,,,,18, 20, 22,24
- accurate waterlevel
- standard weight 277 gm.

ROUNDIST DOP / GIRDLE POLISHING DOP WITH REVOLVING POT (D320-96R)

- with 96 division \ click
- round grooved dies with key to speed-up girdle faceting
 - unique dop for quick and accurate proportion of the facets on girdle
 - double facet screw for top / bottom

and

- left / right move
- available click 64, 96, 128, 144, 180
- platforms and available pots are no. 1, 2, 3, ,,,,,,18, 20, 22,24
- accurate waterlevel
- standard weight 320 gm.





ROUNDIST DOP / GIRDLE POLISHING DOP WITH REVOLVING POT (D320-96)

- with 96 division \ click
- unique dop for quick and accurate proportion of the facets on girdle
- double facet screw for top / bottom and left / right move
- available click 64, 96, 128, 144, 180
- platforms and available pots are no. 1, 2, 3, ,,,,,,18, 20, 22,24
- accurate waterlevel
- standard weight 320 gm.

BRASS GIRDLE POLISHING DOP (DB031GP)

- unique dop for girdle faceting of round diamond and also for fancy cut diamond
- such system enables accurate facets in any direction
- both side facet-screw
- platforms and pots available 00, 0, 1, 2, 3,....,14,16,18
- accurate water-level
- standard weight 195 gm.

TABLE / BLOCKING / IDEAL DOP



IDEAL / BLOCKING / TABLE DOP (D360)

- suitable for tilting the table
- also useful for special shape of diamond
- also has double facet screw for top bottom and left - right move
- accurately in any of the direction
- special screw is given to move pot up and down for easy fixing of diamond
- accurate waterlevel
- standard weight 330 gm.

FANCY DOP





Fancy Dop D021-24C

FANCY DOP WITH REVOLVING CLAWHOLDER (D021-24RC)

- the dop with revolving clawholder
- 24 click, also available 8, 16, 32 click
- gaugeplate indicating 24 to 55 degree
- revolving claw holder
- quick and precise facet screw
- accurate waterlevel
- pot fitting 4 mm. OR 8mm. on request
- standard weight 326 gm.



STAR DOP (FANCY) (D051-8)

- 8 click, also available 16 click
- open ended angular facet screw
- gaugeplate indicating 18 to 54 degree
- quick and precise facet screw
- accurate waterlevel
- pot fitting 6 mm; 8mm.
- standard weight 325 gm.



MGM

Star Dop Fancy D051-8

The Standard of Quality Hardened Steel



LAST PAVILION DOP / MARQUISE DOP (D210-24RC) (mini)

- other available clicks are 8, 16, 32
- suitable for marquise and different shapes of other fancy diamond bottom faceting
- 4 mm. / 8mm. pots adaptor available
- accurate waterlevel
- standard weight 270 gm.



EMERALD / PRINCESS DOP (D031ED)

- suitable for different size and shape faceting
- quick and precise both side facet screw
- gaugeplate indication
- pots available 0.5,1.0,1.5,2.0mm. and more
- accurate waterlevel
- standard weight 294 gm.



EMERALD / PRINCESS DOP (D031ED-S)

- suitable for same size and shape faceting
- pots available 0.5,1.0,1.5,2.0mm and more
- accurate waterlevel
- standard weight 230 gm.

The Standard of Quality Hardened Steel



LAST PAVILION DOP/ MARQUISE DOP (DB021-32RC)

- the dop with revolving clawholder
- available clicks are 8, 16, 24, 32,96
- gauge-plate indicating 24 to 51 degree
- suitable for marquise and different shapes of other fancy diamond bottom faceting
- 4 mm. / 8mm. pot adaptor available
- accurate water-level
- standard weight 270 gm.





BAGUETTE BOTTOM DOP (D410-32RC)

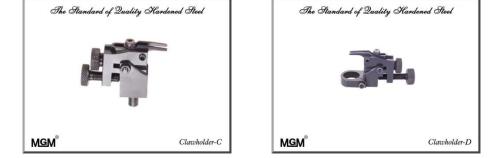
- perfect dop for full finish on the bottom side of the pear, baguette and emerald to speed up finishing process
- other available clicks are 8, 16, 24, 32
- suitable for pear, baguette, emerald bottom side
- also useful for bottom faceting of different shaped stone by shifting pot

• the first type is a platform pot with a support on the long side, the second type is a platform pot with a support on the short side.

- stone is clamped on a platform pot by a double pronged claw
- accurate facet screw with a precision action
- · comes with telescopic claw holder (which are adjustable and can be changed as shown below in 3

images)

• 4 mm., 6mm., 8mm., 9mm. pots adaptor available standard weight 381 grams

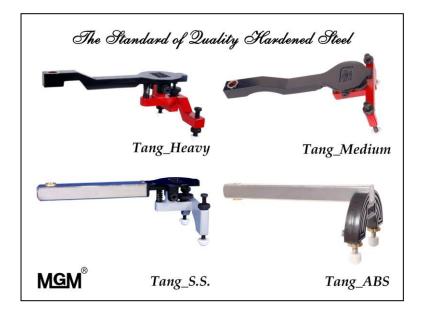


 gauge plate indicating 26 to 44 degree accurate water level





<u>TANG</u>



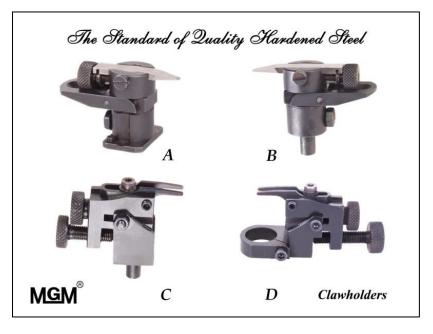
1) HEAVY TANG: Strong Aluminum tang Ideal tang for polishing For all kind of dops; Better levelling screw in the middle on the backside; Very high stability; Standard Weight <u>660 grams.</u>

2) MEDIUM TANG: Lightweight Aluminum Tang; Very handy for polishing small diamond and stones; Better levelling screw in the middle on the backside; Standard Weight <u>450 grams.</u>

3) S.S. TANG: Lightweight Aluminum and S.S. tang; Better levelling screw in the middle on the backside; Standard weight <u>440 grams.</u>

4) ABS TANG: Light weight ABS material tang; 2 extra locking screws for easier Levelling of the tang; Better levelling screw in the middle on the backside; Standard weight <u>285 grams.</u>

CLAW HOLDER



A - FULL TOP CLAW HOLDER

- The Claw Holder is used in Top Finish Tangs
- This Full Top Claw Holder is used in Top Gear System Dop & Quickstep Multilevel Dops.
- The Claw Holder has Screw in it to hold the claw and move its position.
- Claw Holder is made of Hard Steel Material.
- Pots can be easily changed as it can turn aside.
- · Claw Holder has spring to hold the Stone forcefully.

B - CLAW HOLDER

- The Claw Holder is used in Top Finish Tangs.
- The Claw Holder has Screw in it to hold the claw and move its position.
- Claw Holder is made of Hard Steel Material.
- Pots can be easily changed as it can turn aside
- Claw Holder has spring to hold the Stone forcefully.

C - FIX CLAW HOLDER

- · We Manufacture the Best Quality of Claw Holder Range
- The Fix Claw Holder Is Used for the Safety of Diamonds.
- It is used for Bottom Dops. It Decreases the risk of Flying out the Diamonds.
- Its very Simple and easy to use Open the Screw to change the Facets and then Lock the Screw.
- Fix Claw Holder is made of Hard Steel Material.
- This Holder is used in all types of shapes of Diamond

D - REVOLVING CLAW HOLDER

- The Revolving Claw Holder is used for the Fancy & Cross Shapes.
- Revolving Claw Holder is also used in Bottom Dops.
- This Claw Holder is Very Flexible to use in any of the sides or Directions.
- Revolving Claw Holder is made of Spring Steel Material which is the Best Quality for it.
- Claw Holder is made of Hard Steel Material.



10X-18mm



10X-18mm-R



10X-21mm-R



10X-21mm



10X-21mm LHM

NORMAL LOUPE & TRIPLET LOUPE

- 10 times magnification power for extra sharpness and clarity
- Round swing-away chrome plated case
- Foldable and portable Loupe Magnifier is convenient to keep-with
- Excellent for an extremely close view of the tiniest details
- Great magnification for inspecting gems and diamonds
- Include a small loop to attach to a neck chain or key chain
- Lens diameter: 18mm; 21mm.
- Delivered with a handy, protective velvet pouch.

MISCALLENEOUS

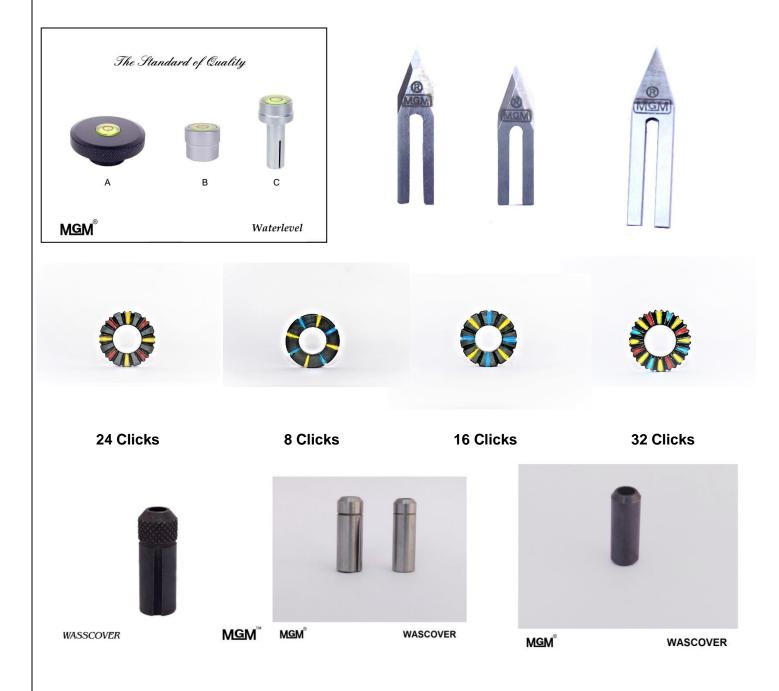
Bottom Press Pots

Top Pots 6mm - 8mm

Table Pots

Special Girdle Pots

Girdle Pots - Girdle Support





GIRDLE POTS SIZE - STANDARD

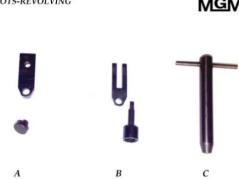
POTS NUMBER	SIZE(mm.)
No. 00	0.38
No. 0	0.55
No. 1	0.89
No. 2	1.27
No. 3	1.58
No. 4	2.00
No. 5	2.50
No. 6	2.92
No. 7	3.57
No. 8	4.10
No. 10	4.80
No. 12	5.65
No. 14	6.15
No. 16	7.30
No. 17	7.90
No. 18	8.55
No. 19	9.00
No. 20	9.50
No. 21	10.25
No. 22	11.00
No. 23	11.50
No. 24	12.00

Common platforms / support are available as under: > For 00, 0 > For 1, 2, 3 > For 4, 5, 6 > For 7, 8 > For 10, 12 > For 14, 16, 18, 19
> For 20, 21, 22, 23, 24 On request special size available.



MGM®

P



GIRDLE POTS

00

GIRDLE POTS-REVOLVING

MGM®

Our Team

Team associated with us has been contributing significantly in our success. It is due to its support we have been able to provide our valued clients with best-in-class products on continual basis. Professionals associated with us are capable enough to develop efficient and value for money products in line with the defined parameters of the industry and demands of the clients. To meet client's exact requirement, our team interacts with them to comprehend needs and then, endeavor to provide suitable solutions. Along with this, our team of experts make continuous efforts in order to develop and design more efficient products that can address emerging market demand. We are also backed a team of managers and administrators who proficiently execute their responsibility of timely and systematic execution of business operations. Fostered by such team, we are able to achieve predetermined goals of the organization.

Our team comprises following professionals:

- Manufacturing personnel
- Engineers
- Quality controllers
- Managers Administrators
- Technical Advisors
- Research Team
- Warehouse and packing personnel

Infrastructure

Having set up a sophisticated infrastructure, we have ensured to facilitate it with the most advanced machinery and technical equipment. These machines enable the astute professionals to carry out the various activities throughout the production stages, smoothly and efficiently. As a result of the perfect blend of these state-of-art resources, optimum use of the capital and proficient manpower, there has been an excellent increase in the production & designing work. Further, we make sure that these tools & equipment are frequently upgraded as per the latest market trends so as to cater to the dynamic demands of the industries.

Warehousing and Packaging

We have an advanced warehousing & packaging unit inculcated in our organization that spans across a huge area. This capacious warehouse is capable of securely storing the bulk consignments of manufactured products. Besides, it is divided into several sections based on specific categories so that these products can be stored in a well-organized manner. This arrangement enables the easy access & quick retrieval of the specific products. Our warehousing personnel keep track of every inflow & outflow of the goods in order to be aware of the availability. Further, the packaging experts take care to properly pack these products using quality material to ensure safe delivery.

R

MGM MECH PVT. LTD.

(SINCE 1977)

Dayanand Co-Operative Society, Opp. Gulabnagar Octroi Naka, Gulabnagar, Jamnagar - 361007, Gujarat, INDIA

Tele: +91 288 2570 101

Mr. Ramesh: +91 98256 46253

Mr. Shailesh: +91 98256 47253

e-mail: mgmmech@yahoo.com

mgm@diamondpolishingtool.com

www.mgmcompany.in