




COMPANY PROFILE

# CRK CNC INDUSTRIES

PRECISION COMPONENT MANUFACTURERS



# Presentation Agenda

- 
- About CRK CNC Industries
  - Team and our Strengths
  - Our Model of Business & Quality certification
  - Infrastructure & Machined / assembled components
  - Contact Us



# About Us:

“We strives to be the best provider of precision components in the industry. Through the use of our guiding principles, everyone at CRK CNC is accountable for fully satisfying our customers by meeting or exceeding their needs and expectations with best-in-class solutions and services. Our goal is 100% customer satisfaction with focus on time”



We are company who partner with Customers for Design, Manufacture & Assembling of precision components, continuously moving up the value chain, by adopting Innovative, State of the Art Manufacturing Technologies, Systems & Processes, that are cost effective and functional.

# Team and our Strengths

We are a firm established in 2018. Our founders, Mr. CHAITANYA G, Mr. RAVIKIRAN S, and TEJA G, are competent engineers with extensive experience in mechanical engineering and CNC machining. We are a passionate young team lead by a team of seasoned and dedicated engineers and professional resources, and we encourage our employees to bring in new ideas and perspectives. We are constantly working to grow our organization and its basic values.

## Machining capabilities

- 3 Turning centres & 4 Vertical Machining centres with 4<sup>th</sup> and 5<sup>th</sup> axis multimachining
- Typical tolerance accuracy range from  $\pm 0.001"$  to  $\pm 0.005"$

## Travel extra mile

- Dedicated team of professionals
- Transparent communication



## State of art facility

- 2600 sq. feet Area
- Focused towards Future Manufacturing Processes – Industry 4.0

## ISO: 9001:2015

- 100% Customer satisfaction
- Proven quality system

# Our Model of Business







# Certifications

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



## CERTIFICATE

The Certification Body  
of TÜV SÜD South Asia Private Limited  
certifies that



**CRK CNC INDUSTRIES**  
#117/F, Ground Floor, 9th A cross, Ganapathi Nagar,  
Peenya 3rd phase, Karnataka - 560 058 Bangalore, India

has implemented Quality Management System  
in accordance with ISO 9001:2015  
for the scope of

**Manufacture and Supply of Machined Components**

The certificate is valid from 2023-05-26 until 2026-05-25

Subject to successful completion of annual periodic audits  
The present status of this certificate can be obtained through TÜV SÜD website by scanning below QR code and by  
entering the certificate number (without spaces) on web page. Further clarifications regarding the status & scope of  
this certificate may be obtained by consulting the certification body at [info.in@tuvsud.com](mailto:info.in@tuvsud.com)

Certificate Registration No. 99 100 23178

Date of Initial certification: 2023-05-26

Issue Date: 2023-05-26 Rev. 00

*Rahul Kale*

Rahul Kale  
Head of Certification Body  
of TÜV SÜD South Asia Private Limited,  
Mumbai  
Member of TÜV SÜD Group



TÜV SÜD South Asia Pvt. Ltd. • TÜV SÜD House • Saki Naka • Andheri (East) • Mumbai - 400072 • Maharashtra • India



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय  
MINISTRY OF  
MICRO, SMALL &  
MEDIUM ENTERPRISES



## CERTIFICATE

### ZED BRONZE

under MSME Sustainable (ZED) Certification Scheme  
awarded to

**CRK CNC INDUSTRIES**

UNIT NAME

Flat No:- 117/F, Building:- GROUND FLOOR, Road/Street:- PEENYA 3RD PHASE,  
Village/Town:- 9TH A CROSS, Block:- GANAPATHINAGAR, City:- BANGALORE,  
BENGALURU URBAN, KARNATAKA-560058

UNIT ADDRESS

**32-Other manufacturing**

CODE (AS PER NIC-2008)

**UDYAM-KR-03-0069326**

UDYAM REGISTRATION NUMBER

Issued on :  
February 15, 2024

Certificate Validity :  
Three years from the date of issue



Certificate No. 15022024\_254702

This Certificate has been awarded after fulfilling all relevant requirements as laid down in the  
MSME Sustainable (ZED) Certification Scheme Guidelines for this Certification Level.  
Award of this Certificate does not substitute any legal requirement needed for setting up or operating an MSME Unit.



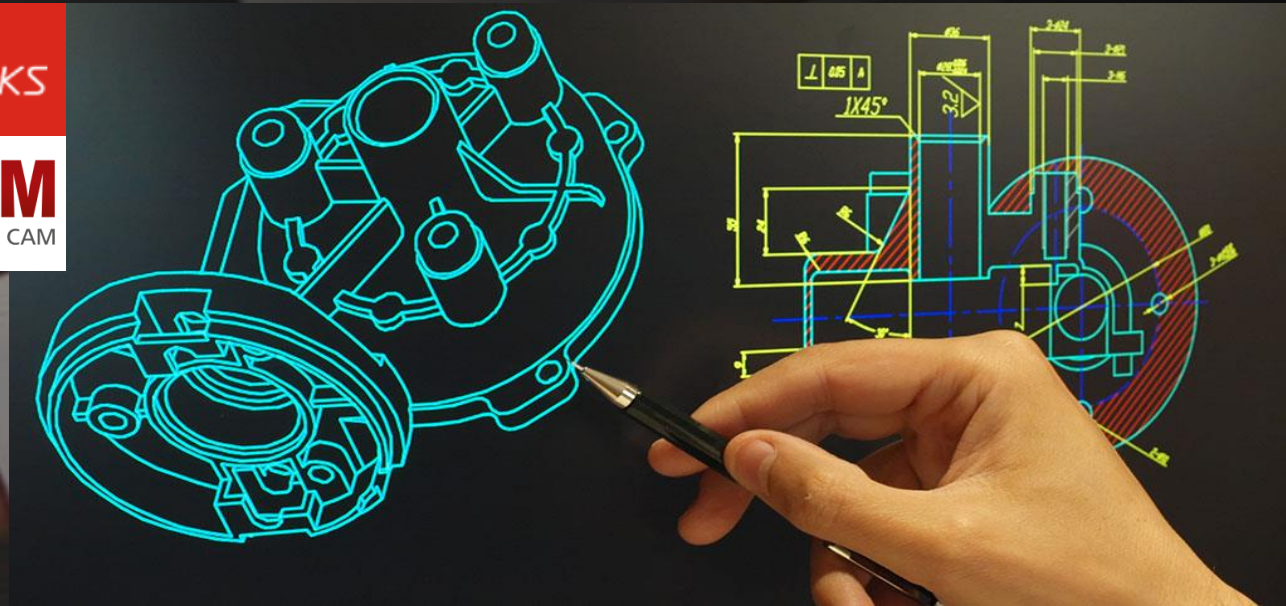


# Infrastructure





# Technical



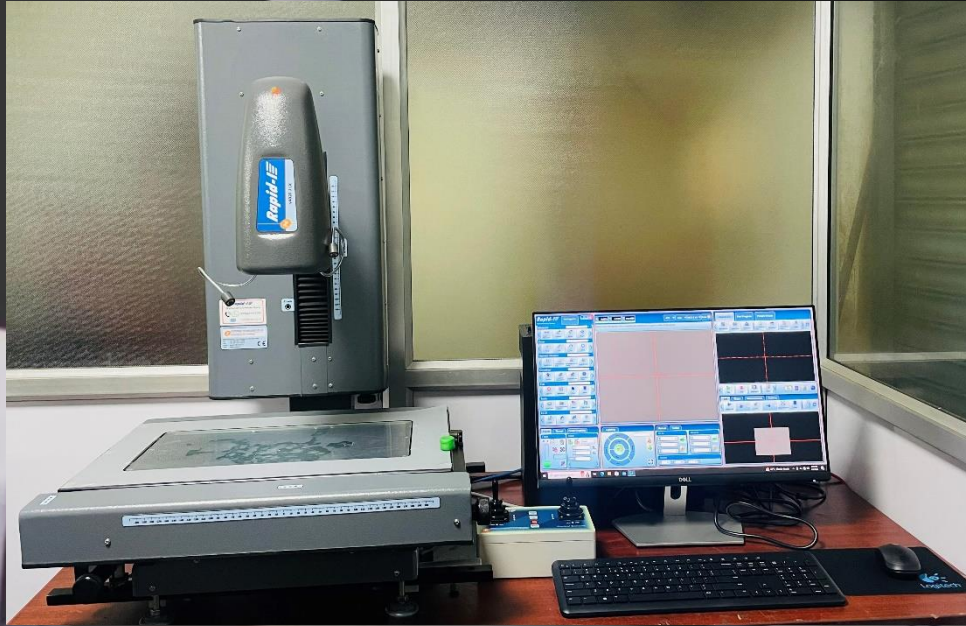
## Licensed SolidWorks & Bundled SolidCAM

SolidCAM - A Complete CAM solution, seamlessly integrated in SOLIDWORKS for the comprehensive design and programming solution with the below modules.

- 2.5 D
- 3D HSS
- 3D HSR
- 3D HSM
- IMACHINING 2D
- 4<sup>TH</sup> & 5<sup>TH</sup> AXIS INDEX AND SIMULTANEOUS
- MACHINE SIMULATION



# Quality capabilities



## Vision Measuring system – “Rapid-I V4020-Z25J LX”

Measuring Travel :

X-Y Travel: 400mm x 200mm with 0.5 $\mu$ m resolution

Z Travel: 250mm with 0.5 $\mu$ m resolution



## Mahr Digimar 817 CLT Height Gage:

- 2D GRAPHIC EVALUATION
- DISPLAYS SWIVELS IN ALL DIRECTIONS
- USE OF EXISTING WIDE RANGE OF PROBES
- FAST MEASURING BUTTONS
- IMPROVE DESIGN FOR BETTER ERGONOMICS
- INTERFACE: - 3 X USB 3.1 - MINI USB – MARCONNECT

# Machine Details and Specifications



CNC Vertical machining Centre, BFW make- BMV50

CAPACITY:  
Table longitudinal travel (X - Axis) – 800MM  
Table cross travel (Y - Axis) – 510MM  
Headstock travel (Z - Axis) – 510MM  
With 5 axis rotary table  
System: FANUC Oi-MF+



CNC Vertical machining Centre, BFW make - BMV45++ and BMV50

BMV 45++ CAPACITY:  
Table longitudinal travel (X - Axis) – 800MM  
Table cross travel (Y - Axis) – 450MM  
Headstock travel (Z - Axis) – 500MM  
System: FANUC Oi-MF+



CNC Vertical machining Centre, AMS make – 740V model

Table longitudinal travel (X - Axis) – 760MM  
Table cross travel (Y - Axis) – 425MM  
Headstock travel (Z - Axis) – 470MM  
System: FANUC Oi-MF+



# Machine Details and Specifications



CNC Vertical machining Centre, Phillips make, PVM1055

**CAPACITY:**

Table longitudinal travel (X - Axis) – 1000MM

Table cross travel (Y - Axis) – 550MM

Headstock travel (Z - Axis) – 600MM

System: Mitsubishi M80A controller



2 CNC Turning Centres, PRIDE make - JAGUAR.

**CAPACITY:**

Swing Over Bed: 500 mm Max. Turning Dia. 330 mm Max. Turning length 500 mm Bar Capacity 51 mm

AXES: X –Axis Stroke 160 mm Z –Axis Stroke 540 mm Axes Motors (X & Z) Beta 8 i s Axes Guide ways: Roller LM Guide ways on both X & Z Axes

System: FANUC Oi-TF



1 CNC Turning Centre, ACE MICROMATIC make – J300 LM.

**CAPACITY:**

Swing Over Bed: 500 mm Max. Turning Dia. 320 mm Max. Turning length 300 mm Bar Capacity 36 mm

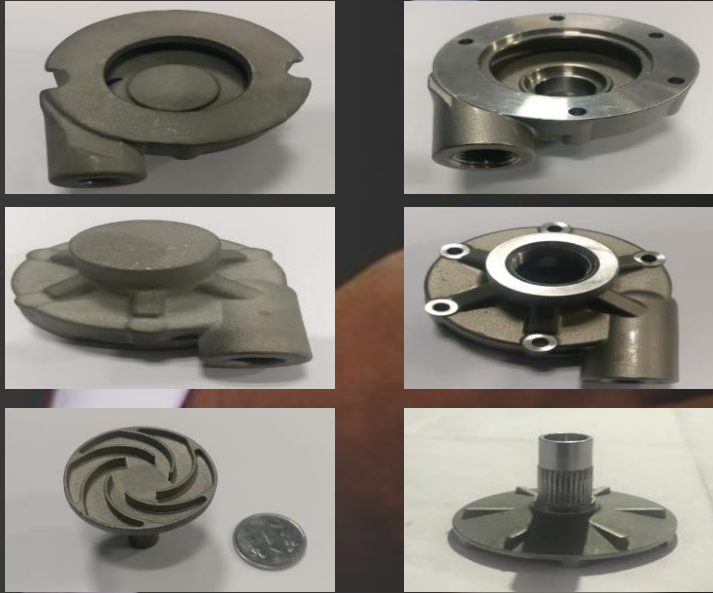
AXES: X –Axis Stroke 165 mm Z –Axis Stroke 300 mm. LM Guide ways on both X & Z Axes CNC

System: FANUC Oi-TF+



# Machined and Assembled components

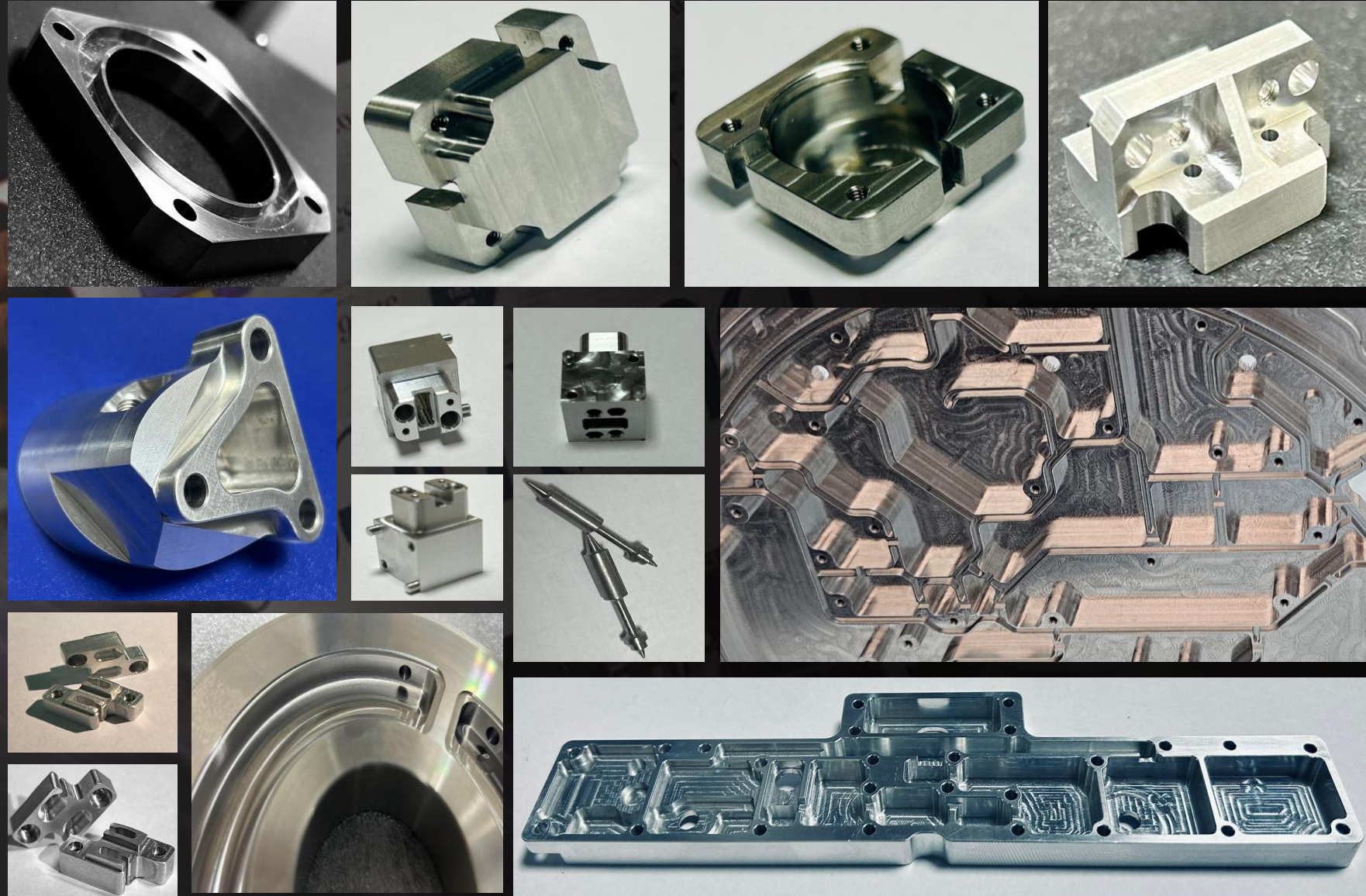
Investment Casted - Machined Parts— Aerospace



Investment Casted - Machined and Assembled



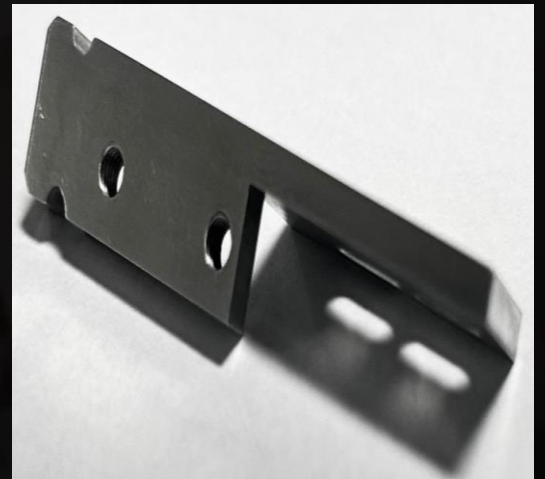
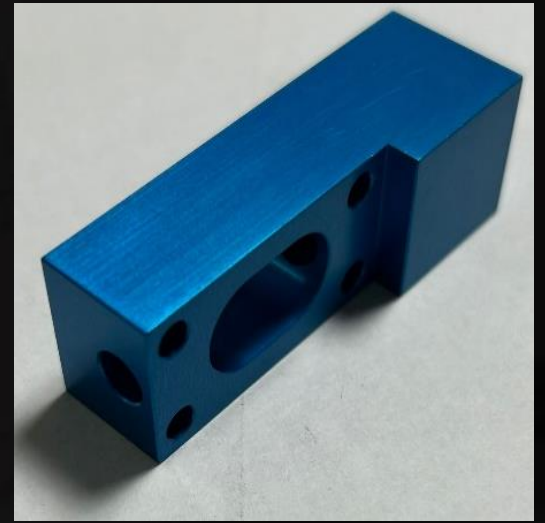
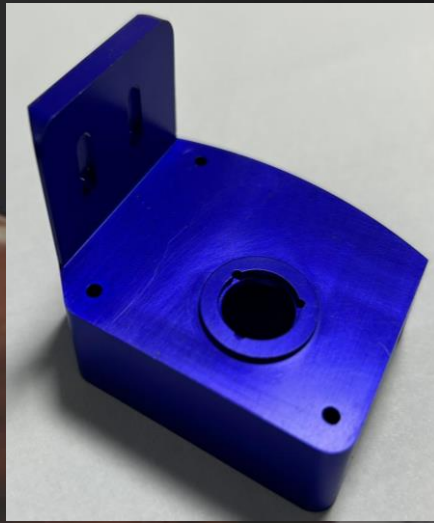
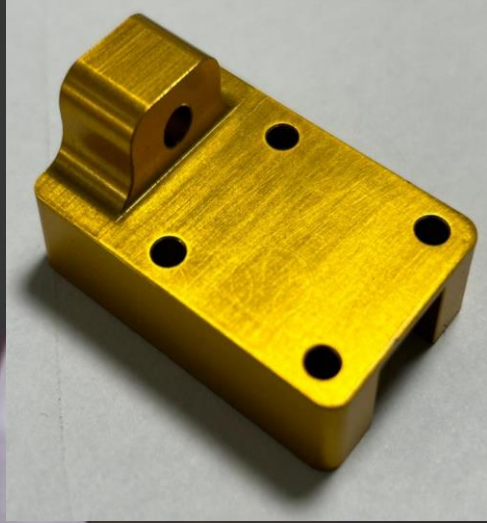
## Precision Machined Parts - General applications





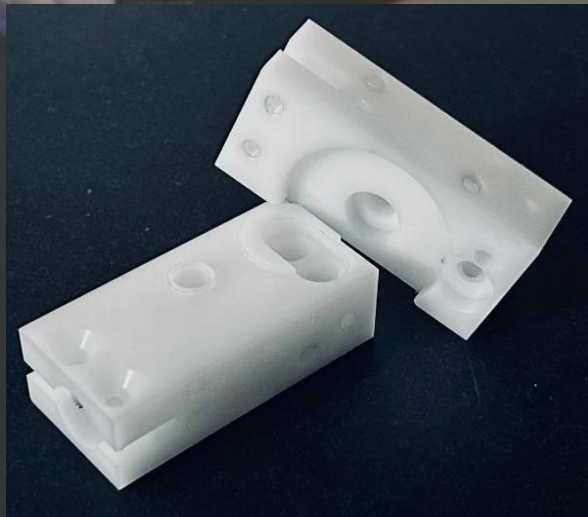
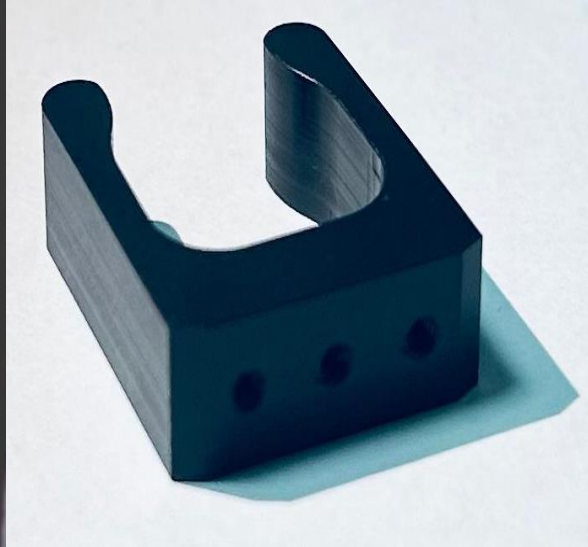
# Machined and Assembled components

Fine finished parts – Secondary operation



# Machined and Assembled components

Plastic components finished





# Our Customers



# Contact US

## CRK CNC INDUSTRIES

#117/F, 9th cross, Ganapathi Nagar, Peenya 3rd phase,

Bengaluru - 560058

Ph : +919164041776 / +919845081981

\*Email :- [crkcncindustries@gmail.com](mailto:crkcncindustries@gmail.com)

[LinkedIn](#)