



## ***Danphe Private Limited***

Your reliable partner for all Fasteners Requirements



## Mission

To become a preferred partner for special fasteners and machining components for our customers.

## Vision

Make in India - Make for World.



*Danphe*

*(Pronunciation : Da Fe)*

*~ The Himalayan Monal*

*Lets fly with beautiful colors...*

## Leadership Team

### 1. Mr. Himanshu Agrawal – Founder & Head Technical

- M. Tech Graduate in Aerospace and Avionics
- Experience of 10+ years in the field of fasteners manufacturing.
- Undergone various trainings including Level – II for Liquid Penetration Testing.
- Specializes in developing fasteners and machining components of various aerospace materials including Titanium and special alloys.

### 2. Mr. Kajinder Srivastava– Co-Founder & Head Business

- B Tech graduate in Aerospace Engineering
- Holds certifications in “Advanced Marketing” from All India Management Association, New Delhi & “Strategy Management” from IIM Kashipur
- Experience of 10+ years in Business Development & Strategy in Aerospace and Defence Industry
- Certified Internal Auditor, AS9100 D by TUV SUD.

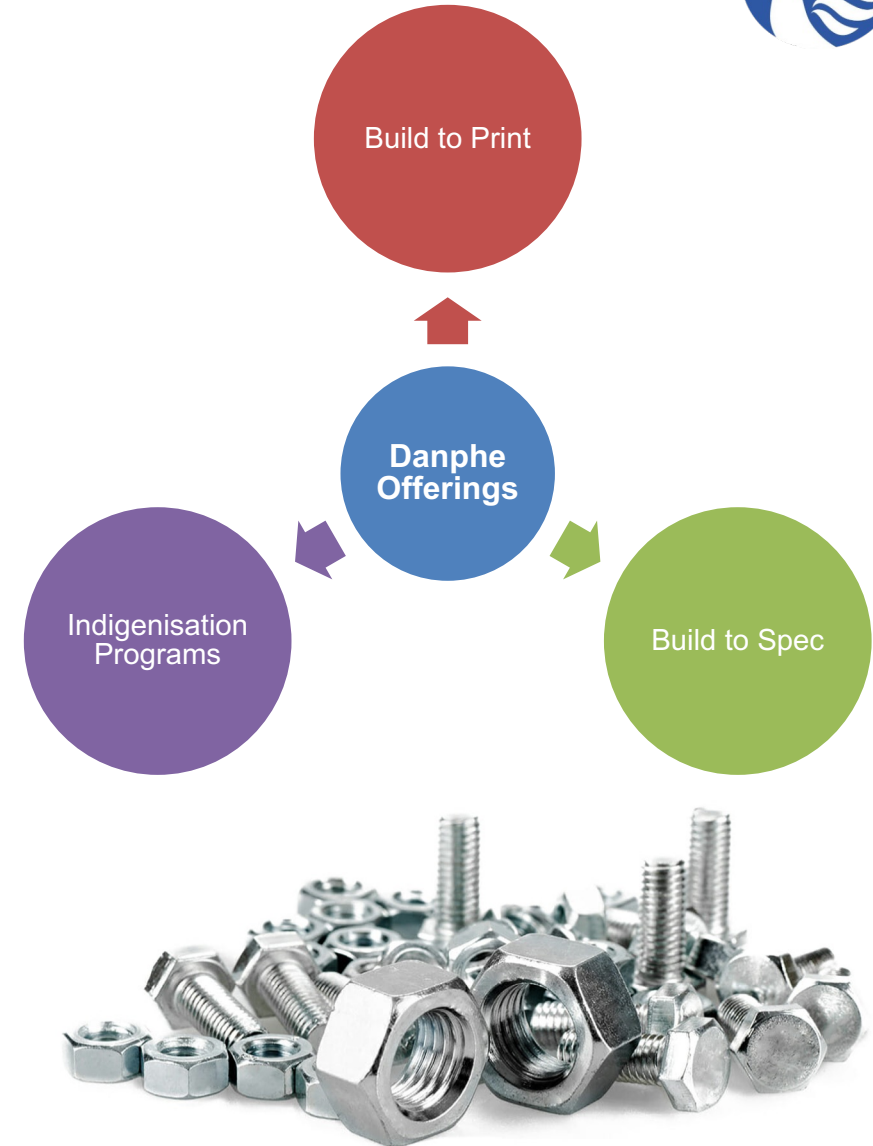


- Line up of machines to produce fasteners and machining components
- In-House capability to Design, Develop and Manufacture fasteners – (Build to Spec & Build to Print)
- In- House Quality inspection
- Processes defined and implemented in-line with AS 9100 D Standards
- Manufacturing Expertise in :

## a) Fasteners

- Socket Head Cap Screws
- Slotted Cheese Head Screws
- Hex Head Screws
- Washers
- Nuts
- Special fasteners

## b) Machined Components – Milling, Turning, Wire EDM



# Aerospace Product Range



SPECIAL AEROSPACE/DEFENCE APPLICATION	NAS Standard	NASM/MS STANDARD	RAW MATERIAL
<ul style="list-style-type: none"> <li>Socket Head Cap Screws</li> </ul>	NAS 1351, 1352	NASM 16995,96, NASM 24673/74/77	Alloy Steel (4340), A286
<ul style="list-style-type: none"> <li>Socket Counter Sunk Head</li> </ul>	NAS 1189, 1151 TO 58, 1102	NASM 24671	Alloy Steel (4340), A286, Titanium
<ul style="list-style-type: none"> <li>Socket Set Screws</li> </ul>	NA0162	NASM18063/64/67	Alloy Steel (4340)
<ul style="list-style-type: none"> <li>Dowel Pins</li> </ul>	NAS 607	NASM16556	Alloy Steel
<ul style="list-style-type: none"> <li>Socket Pan Head Cap Screws</li> </ul>	NAS 7800 TO 7806		Alloy Steel(4340), A286
<ul style="list-style-type: none"> <li>Hex Head Bolts/ Screws</li> </ul>	NAS 1802, 1303 To 20 , 6703 to 20	NASM21262, 21295	Alloy Steel(4340), A286, Titanium
<ul style="list-style-type: none"> <li>Hex Nuts/Flange Nuts</li> </ul>	NAS 1291 ,	NASM 21043	Alloy Steel(4340)
<ul style="list-style-type: none"> <li>Universal Head Rivets</li> </ul>	NA0154, NA001-6		Aluminum



Forging

Parts that can be forged on this machine:

- Socket head cap screws
- Hex head cap screws
- Rivets
- Slotted Cheese head
- Pan head
- Fasteners with special drives
- Nuts
- Connecting Rods



No. of forging Stations	1
Max diameter	30
Max Length	360 mm
Forging Power	200 ton
Forging Temperature	Up to 1000 degrees





## Circular Thread Rolling

Make	Xingtai, Praga
Minimum rolling diameter	M2x0.4
Maximum rolling diameter	M50
Maximum rolling diameter (Hard - 12.9)	M30
Maximum Rolling length ( infeed)	200mm Also through feed option for studs

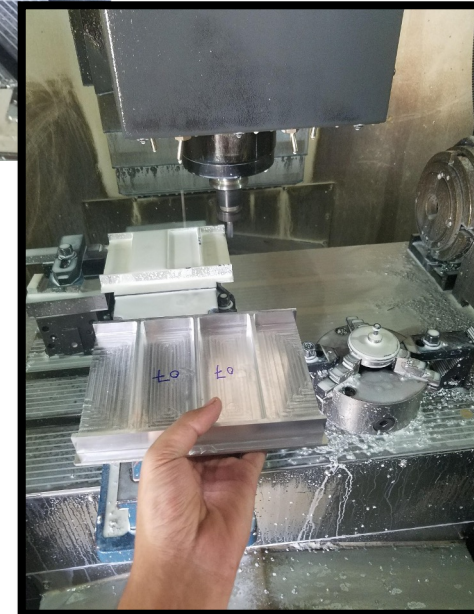
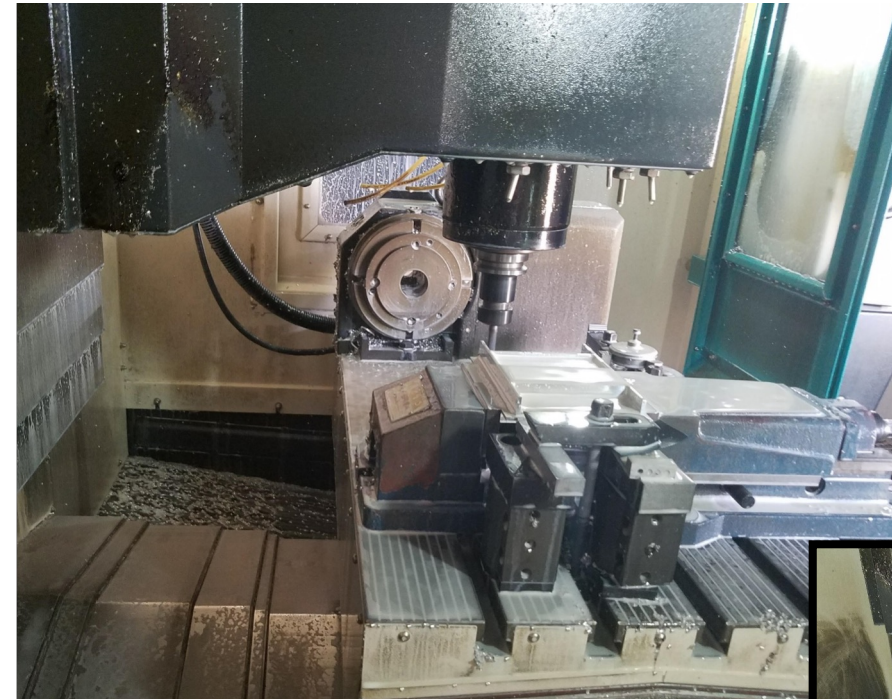
***Dies: Imported from TNP (Korea)***





## CNC Machine - Milling

Make	JYOTI
Table	1000X510 mm
Max Load	600 kg
Travel ( X/Y/Z Axis)	850/560/560 mm
Max spindle RPM	10,000
No. of Axis	4
No. Of Tools	24+1





## CNC Machine - Turning

Make	Ace Super Jobber
Maximum turning Diameter	320mm
Maximum turning length	300mm
Travel( X/ Z axis)	175/300mm
Spindle speed	4000 RPM
No. of Tools	8





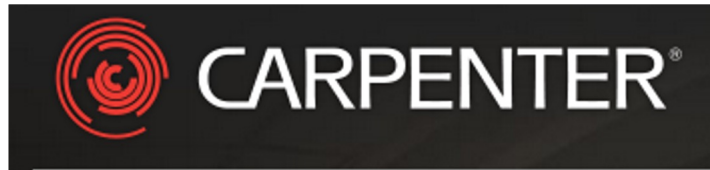


- Alloy Steel
  - AMS 4340
  - 8.8 ,10.9 , 12.9 , 45H, 14.9 , 14K, Free Cutting Steel, High Tensile Steel & SCM 415H  
(Case Carburizing Steel)
- Stainless Steel
- Titanium (Ti-6Al-4V, BT-16)
- High nickel alloys (Nimonic 80A)
- A-286
- Precipitated Hardened Material
  - (15-5 PH, 13-8 PH, 17-4 Ph)
- AISI 660
- Brass
- Aluminum ( V65,2024,5056)





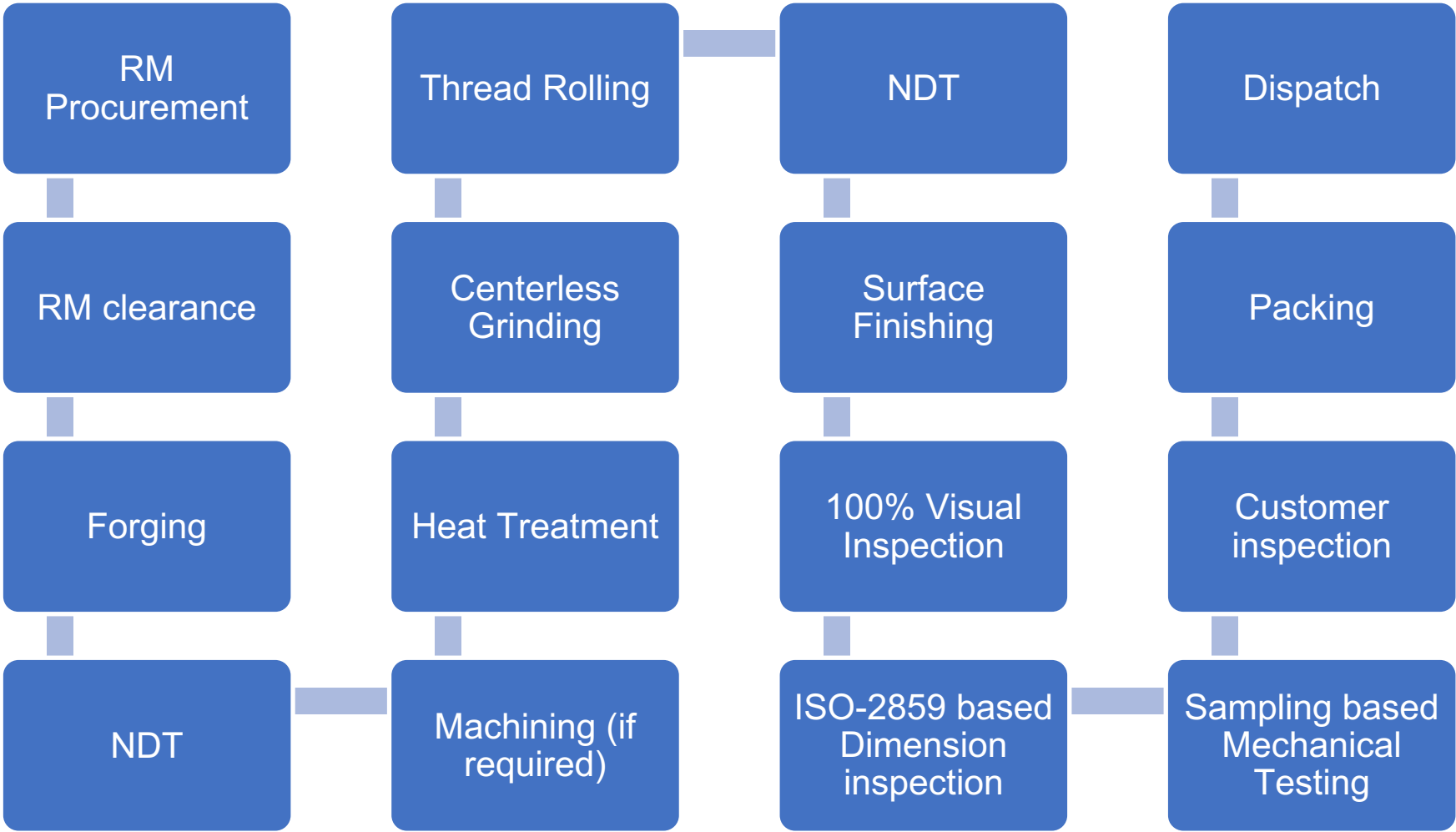
- We procure our raw material from top-mills and approved sources locally and globally.



We also arrange DFAR compliance material on customer requirement.



- Heat Treatment:
  - Therelek Engineers Limited (Vacuum and air-circulation furnace - VSSC Approved)
  - Lakshmi Vacuum Heat Treaters ( Batch furnace with oil quench facility)
- Cadmium Plating:
  - Perfect Metal Finishers (VSSC approved)
- Testing:
  - Geological and Metallurgical Laboratories (GML- NABL approved)
  - Microlab
  - Sciencetech Services ( For LPT)







## Indigenisation of Titanium Screws



## Indigenisation of Threaded Key Inserts



## Indigenisation of Jo-Bolt



- ✓ ISO 9001 Certified
- ✓ Certified Vendor to HAL Overhaul Division, Bangalore
- ✓ Certified Indian MSME (Micro, Small & Medium Enterprise)
- ✓ DPIIT Recognised Startup



# THANK YOU.

## **DANPHE PRIVATE LIMITED**

91/2 Babu Reddy Compound, Begur Road, Hongasandra,  
Bengaluru, Karnataka, India

[info@danphe.in](mailto:info@danphe.in)  
[0091-9871445521](tel:0091-9871445521)