

InstaTools PVT.LTD
“Instant as light”



BUSINESS
BROCHURE



ABOUT US

INSTATOOLING SERVICES

- A trusted name in Industries as Customized Solution Provider.
- Organization deals with latest technological products to provide most effective solution to Customers.
- We strongly believes in Productivity and aware of competitive scenario in cutting tool industry as we are preferred supplier for many of our customers as we helped them to cut down their tooling cost. A company which firmly believes in Value selling policy.
- We have thorough knowledge of manufacturing Processes and their relevant products like Fixture, Tooling, Lubrications, Holding systems, and other Processes.

COMPANY DETAILS

- Address- Shop No-6, Saibaba Paradise , Amebthan road , Chakan, Tal-Khed, Dis-Pune, Pin-410501
- Email-pritam@instatools.co.in
- GST Details- 27AAGCI0556E1ZR

BUSINESS BROCHURE



**AUTHORIZED CHANNEL
PARTNER**



ABOUT COMPANY

- Sandvik Coromant is a Swedish company that supplies cutting tools and services to the metal cutting industry.
- Sandvik Coromant is headquartered in Sandviken, Sweden and is represented in more than 150 countries with some 7900 employees worldwide.
- It is part of the business area Sandvik Machining Solutions within the global industrial group Sandvik.
- Sandvik Coromant produces an extensive range of metal cutting tools for a large number of applications



PRITAM DOSHI

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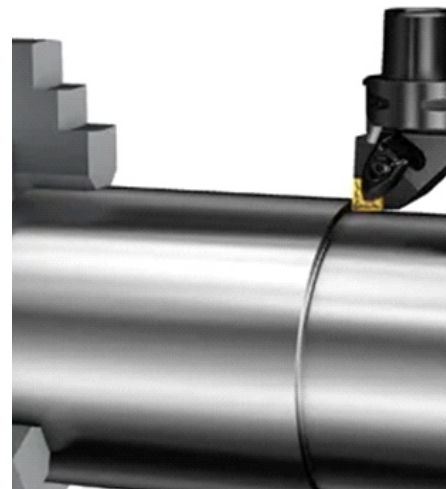
Experience- 12 years in Sales and Projects

Qualification- B.E -Mechanical

Skills-

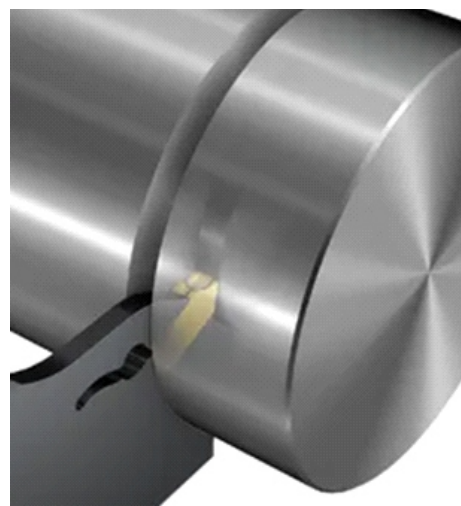
- New Machine Turkey project.
- Thorough Knowledge of Machining Process and different machining centres
- Optimise the machining cost and Maximise the output .

Do you need help with calculating starting values, figure out what causes and solves poor tool life or do you need tips on how to optimize your machining processes? When you need an expert's advice for metal cutting, this is the place to go. Here you find our extensive process and application know-how, connecting the dots between real-life machining challenges and the tools and solutions we provide.



General turning

Find solutions to the most common turning challenges such as poor chip control and vibration. Understand how the use of cutting fluid and coolant helps achieving good component quality or how to be successful when turning long and slender components or interrupted cuts.

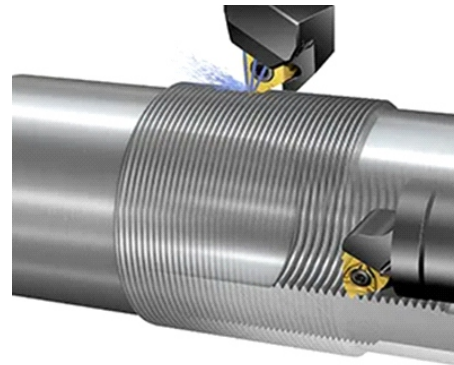


Parting and grooving

Get our best tips for how to achieve secure parting off, efficient grooving or good chip evacuation in your face grooving operations. The troubleshooting sections gives good advice for how to overcome typical challenges in this machining area.

Threading

Threads can be machined using the different methods thread turning, thread milling, tapping or thread whirling - each having their different machining advantages and considerations. Nevertheless, here we share our knowledge when it comes to all threading.



Milling

Whether you need tips for which cutter style that suits your face milling operation, how to best machine that deep shoulder or want to know how the pitch affects productivity, stability and power consumption this section covers application knowledge and tips for various different milling operations.

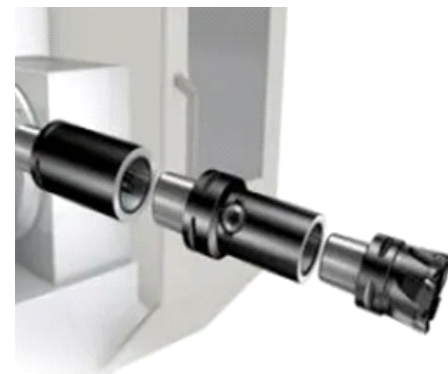


Reaming

In this section we review some of the main reaming problems and how to solve them, such as wrong cutting data and built-up edges on the cutting edges. There are also tips about how to prepare for reaming and what to avoid, from how to set up the workpiece to regrinding.

Boring

Boring is a method to enlarge a hole or improve the quality of an existing hole. Whether you want tips on how to achieve close tolerances when using a fine boring tool or want high metal removal for rough boring operations, this is where you find our tips and recommendations..



Machine tools and tooling considerations

Get tips for how to configure your turning lathe, machining centre, multi-task machine or sliding head machine. Find out how to choose the right spindle interface depending on machine and tooling system considerations and get the most out of your machine.

Materials

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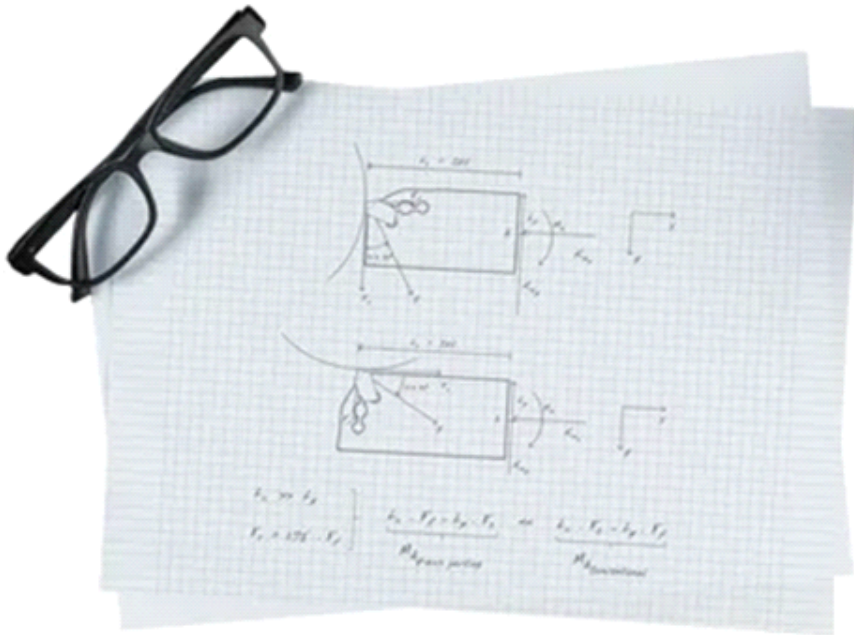


Calculators and apps

To help you in your machining, we have gathered our calculators and software to help you in your machining. With our apps you can get tool recommendations, you can make purchases, track your order, and even educate yourself

Machining formulas and definitions

Calculating correct values for different machining parameters such as cutting speed and spindle speed is a crucial factor for achieving the best result from the cutting tools. Find the most relevant formulas and definitions for your operations here. Considerations and get the most out of your machine.



INDUSTRY SOLUTIONS



AUTOMOTIVE

A changing market is putting new demands on automotive manufacturing. Our ambition is to provide you with solutions and machining knowledge to meet your needs for quality, reliability and reduced cost per component. Discover more..

- Shafts
- Gear wheels
- Shift sleeve
- Gears and splines
- Cylinder block
- Cylinder head
- Crankshafts
- Cam shaft
- Connecting rod
- Housings
- Knuckles
- Brake caliper
- Turbo charger
- E-mobility

OIL AND GAS

The demand for oil and gas is growing, and so are the challenges of manufacturing oil and gas components. Take advantage of the latest cutting tool developments for secure and efficient production. Discover more..

- Spool body
- Tubing hanger
- Valve
- Mandrel
- API seal ring grooves



INDUSTRY SOLUTIONS



With our deep knowledge of metal cutting and insight into the varying challenges of different industries we strive to develop innovative solutions in cooperation with you to meet your current and future demands.

As your partner, we offer world class cutting tools and extensive process and application knowledge. Our focus is to contribute and support to your success!

AEROSPACE

Take your aerospace manufacturing to new heights with complete component solutions, equipped with the latest cutting tools and technical knowledge. Discover more..

- Blisk
- Central wing box
- Engine mount
- Fan casing
- Fan disc
- Flap track
- Impellor
- Landing gear beam
- Main fitting
- Pylon bracket
- Shaft
- Slat track
- Spool
- Thrust fitting
- Turbine casing
- Turbine disc
- Vertical tail
- Wing box
- Wing rib

INDUSTRY SOLUTIONS



Machining medical implants requires solutions that meet very high technical demands, such as difficult to machine materials and exact specifications.



Wondering how to cut costs and reduce lead-times without compromising component quality? Try our tooling solutions developed for the die and mould industry.



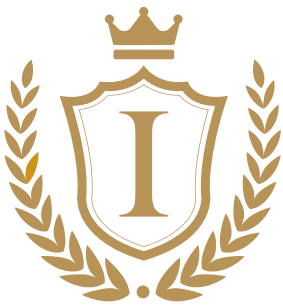


Technological developments for more efficient power generation systems means new manufacturing challenges. By staying on the forefront of research and development we can provide the solutions needed.

INDUSTRY SOLUTIONS



Meeting the high productivity needs of wind power production requires the latest metal cutting solutions and application knowledge



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