



SAI SOLUTIONS

CREATING VALUE THROUGH INNOVATION

AT YOUR SERVICE SINCE 2005

PREMIUM PRODUCTS

ON TIME DELIVERY

BEST TECHNICAL SUPPORT

TRUST & RELIABILITY

DEDICATED RESIDENT ENGINEER FOR EACH INDUSTRIAL ESTATE

EMUGE
FRANKEN



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M A C H I N E T A P S

ALMOST ALL TYPES OF MACHINE TAPS ARE AVAILABLE EX STOCK

We have a wide range of taps from M1 size to M64 size, including equivalent taps in inches. We offer the world's most complete range of tapping solutions which are designed for high performance with maximum cutting speed. We have Taps for different thread styles and a wide variety of materials. We have fully trained engineers in each industrial estate to provide the most competent technical solutions for any threading application.



No. 94, 2nd Floor, Luz Corner, Royapettah High Road, Mylapore, Chennai - 600004, Tamil Nadu



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OVER 300 SATISFIED CUSTOMERS ARE USING OUR PRODUCTS



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THREAD MILL CUTTERS

STANDARD THREAD MILL CUTTERS ARE AVAILABLE EX STOCK

A broad range of thread milling cutters are manufactured in India. What really separates Emuge Franken from all other thread mill manufacturers is customer support. Emuge Franken and its channel partner SAI SOLUTIONS support customer technicians and they will make the proper tool selections on request and then supply you with the proper machine codes to run the tooling at maximum efficiency. Our products are widely used in auto component applications, defence, aerospace, windmills and valve manufacturing.



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K S N H O L D E R S

STANDARD KSN HOLDERS ARE AVAILABLE EX STOCK

KSN quick-change holder for use with threading tools on CNC machining centers and pillar drilling machines. Technology and its benefits: With length compensation in pressure and tension directions to compensate deviations between spindle feed and thread pitch. Specially designed pressure point mechanism for reliable begin to cut for tool. Tension release to avoid damage due to oversized axial tensile loads. Customers can expect a minimum 30% increase in tool life with this innovative technology.



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F P C H O L D E R S

ALMOST ALL TYPES OF FPC HOLDERS ARE AVAILABLE EX STOCK

High-precision tool holders with mechanical clamping for maximum clamping force and concentricity and excellent vibration absorbing properties. EMUGE-FRANKEN FPC Chucks provide unprecedented rigidity, vibration dampening, concentricity, machining speed, and tool life vs. conventional chuck technologies for milling and drilling applications. Available in a wide range of styles. Internal or peripheral coolant options, and MQL-adaptable.



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SOFTSYNCHRO®

STANDARD SOFTSYNCHRO HOLDERS ARE AVAILABLE EX STOCK

The EMUGE FRANKEN Softsynchro holder design optimizes the utilization of a synchronous spindle, ensuring enhanced tool life, performance, and thread surface quality. Softsynchro efficiently isolates the spindle from the tap using patented elastomer springs, effectively absorbing axial forces and significantly improving the tap's longevity and performance. We have dedicated application cum marketing engineers in every industrial estate to provide our customers the best tool holding solutions.



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END MILLS

STANDARD ENDMILLS ARE AVAILABLE EX STOCK

Our high precision tools are specifically designed for optimum performance in a wide range of materials and machining applications. We offer services of field technical representatives to help guide you through the process of optimizing the milling process and also to develop innovative programming strategies that maximize the performance of cutting tools. We have well-trained and motivated residential application cum marketing engineers in each industrial estate.



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SHANK EXTENSION

STANDARD SHANK EXTENSIONS ARE AVAILABLE EX STOCK

Special Shank Extension in a short design for use with threading tools on CNC machines and conventional thread cutting devices. It obviates the need to use non-standard taps for machining deeper holes, providing immense cost benefits to manufacturers. We have dedicated application cum marketing engineers in every industrial estate to provide our customers the best tool holding solutions.



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SELF-LOCK™ TAPS AND GAGES

SELF-LOCK™ TAP ensures an even distribution of force over the entire length of the thread. This economically efficient locking system does not require any additional components. **SELF-LOCK™** is ideally suited for applications which are subjected to heavy shock and vibration, extreme temperatures, and millions of loading cycles without the opportunity for re-tightening. With **EMUGE SELF-LOCK™ Gages** you can control production process safely and economically.



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CUTTING OIL & PASTE

STANDARD CUTTING OIL & PASTE ARE AVAILABLE EX STOCK

Do you face problems in machining very difficult to machine materials?

We have proven solutions. Cooling lubricant, which is chlorine-free, for various materials is available. Cutting paste No.6, chlorine-free, for materials that are difficult to machine, is available. Cutting oil No.3 is available for almost all workpiece materials. Ideal for tapping and drilling stainless steel, carbon steel, inconel, monel, hastalloy, titanium, and other alloys and exotics.



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