

Agent

Distributor



EMSIL Technologies Pte Ltd

COMPANY PROFILE



We are specialized in.....

Non-Standard Cutting Tools

YOUR ONE-STOP SOURCE FOR QUALITY NON STANDARD CUTTING TOOLS

你全部高質量專用刀具的來源

59 UBI AVENUE 1, #06-08 BIZLINK CENTRE, SINGAPORE 408938

Tel (65) 62858655 (5 line)

Fax: (65) 62857455

Email: emsil@singnet.com.sg

Web.: <http://www.emsil.com.sg>



EMSIL

Technologies Pte Ltd

About Us

Emsil Technologies Pte Ltd was registered in July 1990 as an Asia regional sales office for European special cutting tools and with subsequent plan to produce custom made cutting tools for servicing the Asia Region.

Jointly backed by the leading Italian special cutting tools manufacturer, Emsil provide technical know how, production consultancy and advice to specialised manufacturers who are seeking for greater efficiency, higher productivity and quality standard for their production.

Emsil have representative offices in Malaysia, Thailand, China and Vietnam. Emsil has also appointed several agents for sales/marketing of our Special Cutting Tools.

Industry Standard

Today Emsil Technologies is an established partner and supplier in Asia Pacific Region for Aviation, Automotive, Military, Navy, Compressor, Bearing, Fitting and Valve and Other Industries. Some of our major clients include :-

- Singapore Airlines Limited
- Thai Airways
- China Airlines
- GE Group Of Companies
- Singapore Technologies Group
- Honda Manufacturing Companies
- Denso Group Of Companies
- SKF Group

We are specialized in Non-Standard Cutting Tools

59 Ubi Avenue 1, #06-08 Bizlink Centre, Singapore 408938

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Product & Services

Special cutting tools are manufactured according to customer specifications which help to increase productivity and improve product quality resulting of cost savings in production. Our services include **technical support, recommend to improve tool design and designing of tools for specific production needs. Our products range are:-**

DRILLS: Centre Drill, Steps Drills, Burnishing Drills, Twist Drills, Jobber Drills, Aircraft Drills, Gunbarrel Drills, Double Margin Drills.

ENDMILLS: Finishing/Roughing Endmill, Shell Endmill, Tapered Endmill, Ballnose Endmill.

REAMERS: Step Reamers, Chamber Reamer, Chucking Reamer, Piloted Reamer, Centering Reamer, Taper Lock Reamer.

CUTTERS: Hollow Milling Cutter, T-Slot Cutter, Dovetail Cutter, Side & Face Cutter, Constant Profile Cutter, Spotface Cutter.

COUTERSINK & COUNTERBORE

MACHINE TAPS, HAND TAPS ,DIES

COLD WORKING TOOLING: Sleeves, Mandrel, Start & Final Reamer and Nosecap.

OTHER TYPES OF TOOLS:-

Broaches, Gear Hobs, Gundrills, Drawing Dies, Sockets, Carbide Burrs and Screw Bits.

A leader in our field of work we are constantly researching new materials and innovative technologies enabling us to provide you with a wide range of cutting tools available in different materials such as:

High Speed Steel (HSS) M2

High Speed Steel with variable percentage of Cobalt (HSS Co) M35 M42

Powder Metal (PM) ASP22 ASP30 ASP60

Solid Tungsten Carbide in many different grade including the micro grain type

Brazed Carbide (in round or flat tip brazed on a heat treated steel support)

Synthetic Diamond or Cubic Boro Nitrate (PCD or CBN brazed on solid Carbide)

To increased tool life and improved workpiece finishes, our tools can be coated with different coating:-

Titanium Nitride (TiN)

Titanium carbonitride (TiCN)

Titanium Aluminum Nitride (TiAlN)

Aluminum Titanium Nitride (AlTiN)

Chromium Nitride (CrN)

Diamond-Like Coating (DLC)

Extreme

OTHER PRODUCTS AND SERVICES

- CNC Machine Tools and Other Production Machineries

- Production Technology and Consultancy



Research & Development

For over 20 years we have worked to develop the most precise tools, with the most current technology available.

Emsil Research & Development facilities are based at our Italy manufacturing site and with our highly qualified tool engineers and designers using the latest software application.

We develop and improve on our wide range of product to meet the ongoing challenge by using the most advance production technology whereby resulting in higher performance and cost savings for our customers.



Quality

To ensure our tools are produced without defect we pay particular attention to the tools **Dimensions, Tolerance, Shape and Flute Design.**

Stringent quality control starting with incoming raw materials, to production of tools, it's tempering stage and finally its packaging. Ensuring that all our quality checks are met with the International Quality Standard of ISO9002 & RINA and only defect free products reach our customers.

Our before and after sale technical service, is warranted by our specialized engineers

Contact Us

Contact Emsil Technologies Pte Ltd, a

team of experienced engineers and toolmakers with many years of expertise in the production, prototype, designing, reconditioning and regrinding of special cutting tools.

EMSIL expertise is as close as a call, fax or e-mail for all your cutting tool requirements.

Technical Director: **Luciano Ceresa**

Sales Manager: **Lilian Tan**

TEL: **65-6285 8655** FAX: **65-6285 7455**

E-mail: **emsil @singnetcom.sg**

Website: **www.emsil.com.sg**

Our Office Address

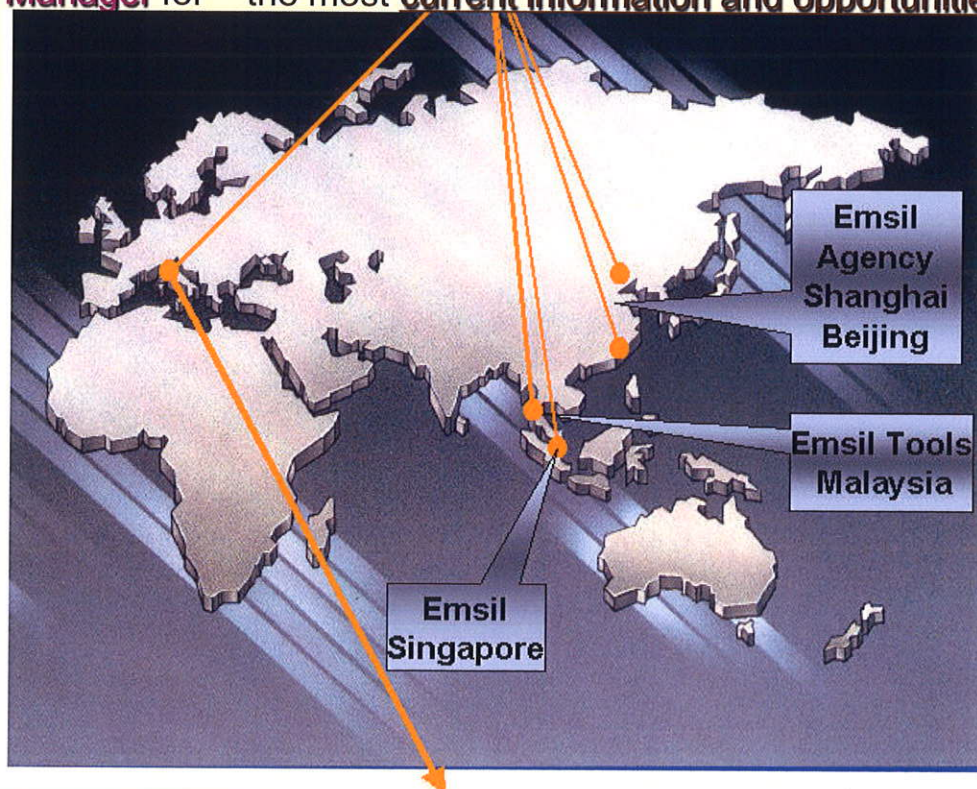
59 Ubi Avenue 1

#06-08 Bizlink Centre

Singapore 408938

Opportunity

From time to time **Emsil Technologies Pte Ltd** has openings for manufacturer's representatives in Asia Region. Please feel welcome to **contact Lilian Tan, Sales Manager** for the most **current information and opportunities**.



Non Standard Cutting Tools with European Quality and Asia Price

PRODUCTION MACHINERY



6 CNC Deckel Sharpeners

-Allow to obtain excellent geometry cutting, precision on profile and reduction cost

6 轴CNC Deckel磨刃装置

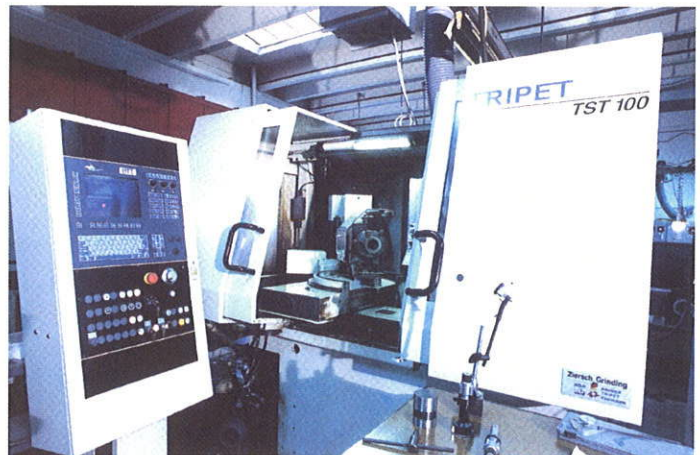
-可获得完美的立体切削，高精度的齿形，同时，降低成本。

4 CNC Grinding Machines

- Extreme Precision on our tools

4 轴CNC磨床

-使刀具异常精密



6 Axis Walter Sharpeners

- For Achieve precision and high productivity

6 轴Walter磨刃装置

-可实现高精密度及高生产率

4 CNC Grinding Machines

- For high precision grinding

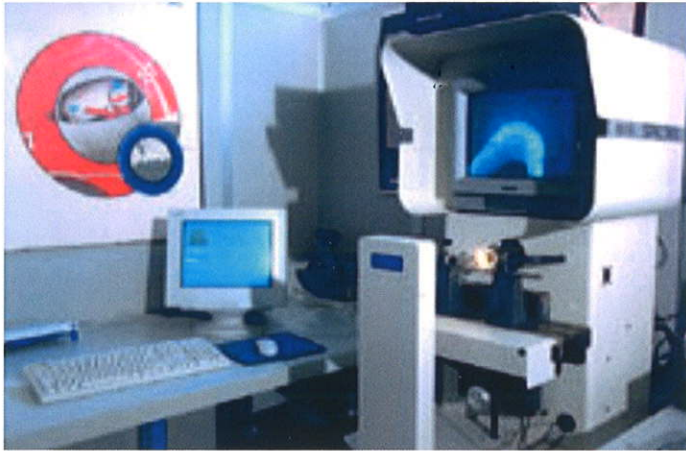
4 轴CNC磨床

-用于高精磨



QUALITY CONTROL & INSPECTION CERTIFICATES

质量控制及检验证书



Projector for profiling control

投影仪来控制齿形



**Laser measurement machine
without contact with work piece**

激光测量仪无需与加工件接触



Tools Inspection

工具(成品)检验



Quality Control Dept

质量控制部



Measuring Instrument

测量工具

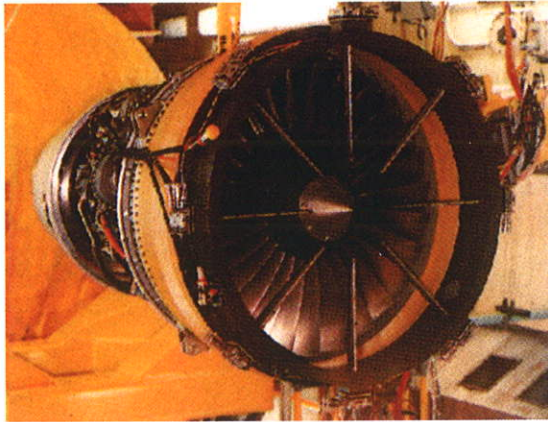


Control equipment

控制设备

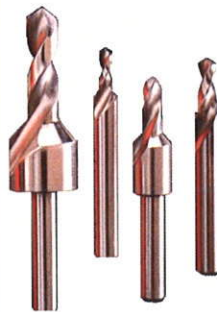
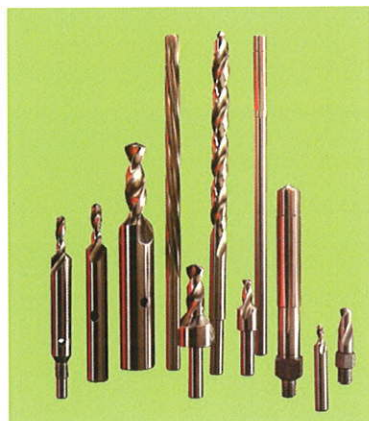
Aviation Industry

EMSIL manufactures a wide range of **Special Cutting Tools** mainly for use in the Aviation Industry. On this page are various tools which we can custom made to customers specification and production requirements..



All **EMSIL** Aircraft Tools are produced accordingly to International Aviation Industry Standard and Specifications. We also pay particular attention to our tools quality, delivery time, technical support and service to our customers.

AVIATION DRILLS & REAMERS



TAPER LOCK CUTTERS



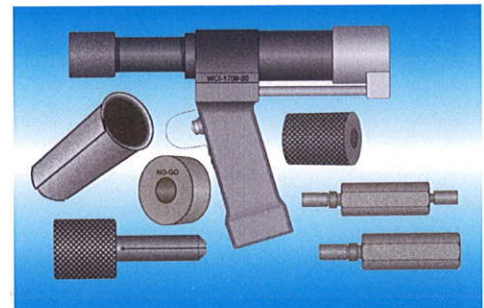
COUNTERSINK & COUNTERBORE



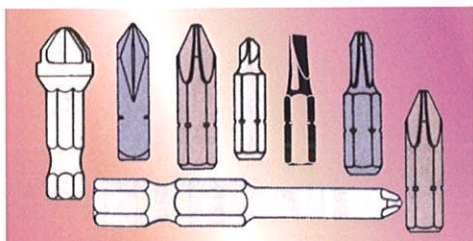
MICRO-STOP GAGES



COLD WORK TOOLS



INSERT BITS



HSS & CARBIDE BURRS



TAPS & DIES

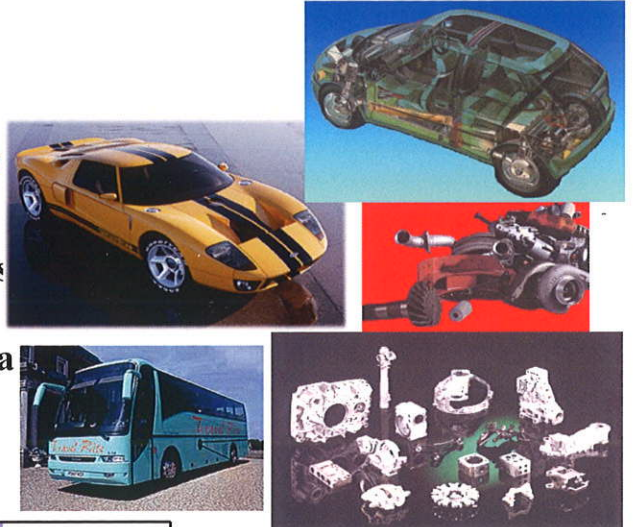


OUR FULL PRODUCTS RANGE AVAILABLE IN "AIRCRAFT TOOLS CATALOGUE"

Automotive Industry

Emsil main strength is our years of experience in understanding the Automotive production needs whereby our tools are evaluated by smooth and quiet operation, efficiency, reliability and price.

EMSIL automotive cutting tools are unique in designs and yields higher quality and better performance. Results had proven that one **EMSIL** tool can replace a few conventional tools with greater result and productivity.



AUTOMOTIVE DRILLS & REAMERS



MULTI FUNCTION DRILLS



SPECIAL DESIGNED REAMERS



BRAZED CARBIDE DRILLS



GUNDRILLS

MILLING CUTTERS



RANGE OF SPECIAL MILLING TOOLS

CONSTANT PROFILE MILLING CUTTERS



TAPS



SOCKETS



GEAR HOBS



INDEXABLE INSERT HOLDERS



BROACHES



COUNTERSINK & COUNTERSUNK



OUR FULL PRODUCTS RANGE AVAILABLE IN "AUTOMOTIVE CUTTING TOOLS CATALOGUE"

Military Industry

EMSIL has the expertise and many years of experience in producing special cutting tools for the Military industry.

With a wide extensive line of custom-design tools in its products range, **EMSIL** has earned a reputation for innovative designs and manufacturing excellence.

EMSIL ensure on-time delivery and demonstrates its commitment to provide the best in customer service and satisfaction.



DRILLS



ENDMILLS



REAMERS



T-SLOT CUTTERS



MILLING CUTTERS



TAPS

OUR FULL PRODUCTS RANGE AVAILABLE IN "MILITARY CUTTING TOOLS CATALOGUE"

Compressor/Bearing/Engineering/ Valve And Fitting Industries

Other Industries

EMSIL produce special cutting tools designed for increasing productivity with greater efficiency and achieving higher quality for the **bearing, compressor, valve, pipe and fitting manufacturers.**



Our strong technical background enable us to work together with our customers in solving their production needs, have contributed to our success.



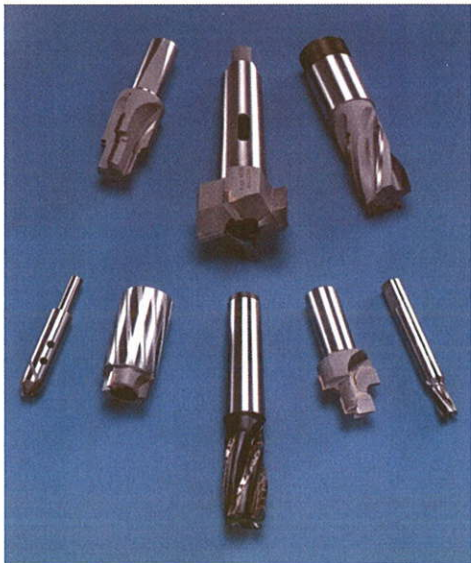
DRILLS



SPECIAL CUTTING TOOLS



REAMERS



CUTTERS



INNER & OUTER FORM TOOLS



FORM PLATE TOOLS



PCD/CBN TOOLS

OUR FULL PRODUCTS RANGE AVAILABLE IN "NON-STANDARD CUTTING TOOLS CATALOGUE"

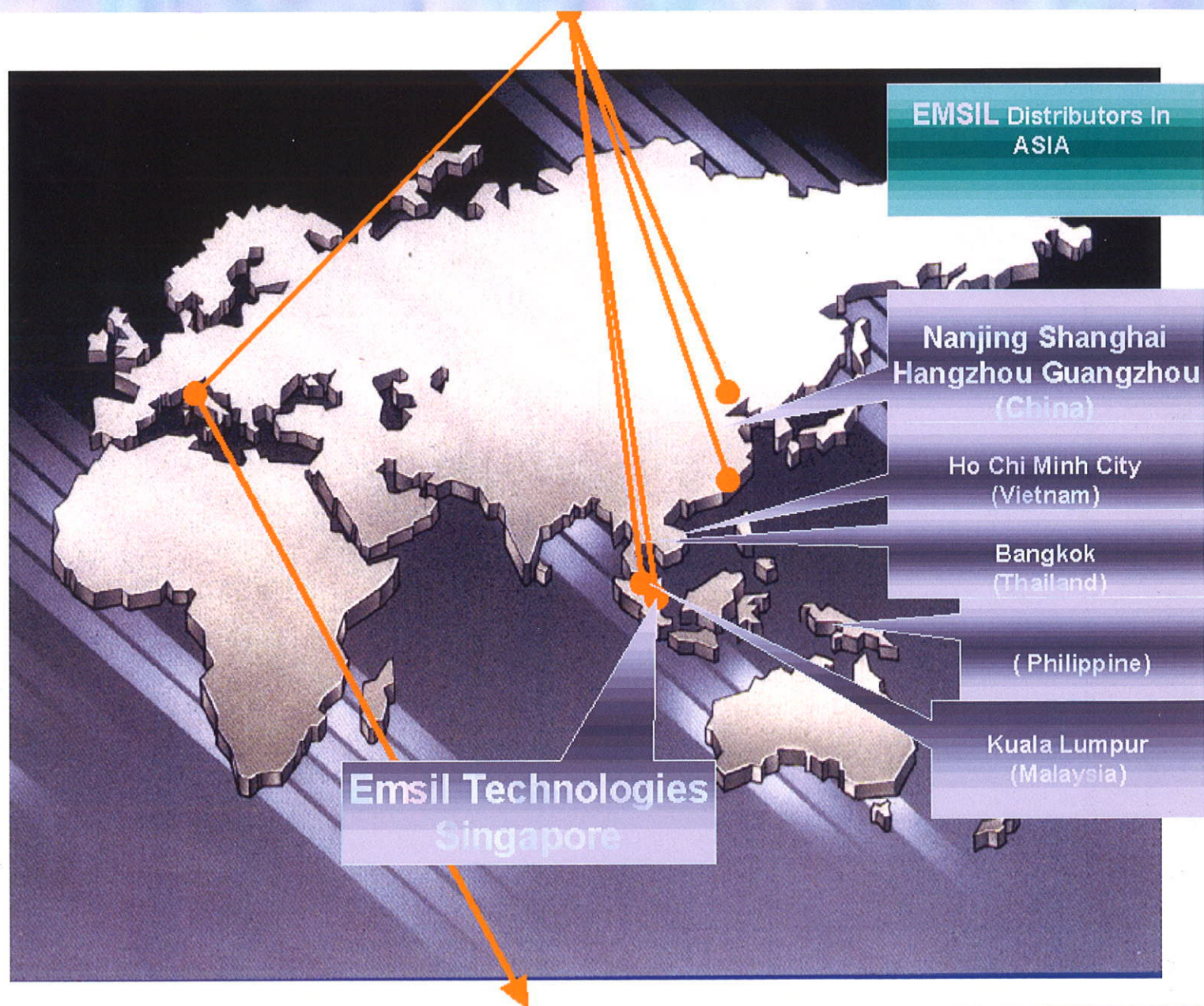


Regional Sales & Service Office

EMSIL Technologies Pte Ltd

(EAST MARKETING & SERVICE - INDUSTRIAL LINE)

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Your One Stop Aircraft Cutting Tools