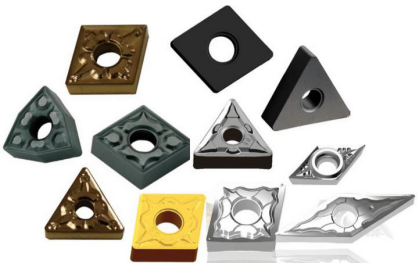
PIMTO

We are complete tooling solution provider. We provide complete application support. PIMTO, located in Prashanti Nagar Kukatpally Industrial Area is one stop solution for all your CNC shop needs

KYOCERA



Carbide Inserts& Tools



Solid Carbide Drills and Endmills



Complex Special Tools-Kyocera

BIRLA PRECISION

Forward, Together.



Collet Holder



Shrinkfit Holder



Hydraulic Holder



Mold Holder

EMKAY TOOLS LTD



Straight Flute



Spiral Flute



Spiral Point

Shiv Mohan Ashu

+91 9989508432

sales@pimtotools.com

Prashanti Nagar IDA,
Kukatpally, Hyderabad.

BLUM
NOVOTEST



Tool Probe



Work Probe



Laser

Mahr



817 CLT height gauge



PS-1D Surface Roughness



Contour Tracer

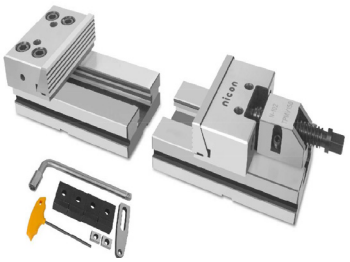
nicon
PRECISION VICES



CNC Vice



Self Center Vise



Modular vise

Shiv Mohan Ashu
+91 9989508432
sales@pimtotools.com
Prashanti Nagar IDA,
Kukatpally, Hyderabad.

KYOCERA
PRECISION TOOLS

THE NEW VALUE FRONTIER
KYOCERA

PRECISION GRADES FOR TOUGH MATERIALS. SUPERIOR RESULTS.

STAINLESS STEEL | HIGH TEMP ALLOYS | INCONEL

Kyocera's advanced PVD and CVD coated grades deliver outstanding wear resistance, heat resistance and reliability for demanding machining applications.



- LONG TOOL LIFE
- EXCELLENT WEAR RESISTANCE
- HIGH HEAT RESISTANCE
- CONSISTENT PERFORMANCE

OPTIMIZED GRADES FOR MAXIMUM PERFORMANCE

STAINLESS STEEL

For a wide range of stainless steel machining from finishing to heavy roughing.



PR1535 PVD Coated
- Excellent wear resistance
- Superior chipping resistance
- Stable performance in continuous to light interrupted cuts

PR1725 PVD Coated
- First choice for stainless steel
- Excellent balance of wear and chipping resistance
- Ideal for general purpose machining

CA310 CVD Coated
- High toughness substrate
- Excellent for heavy interrupted cutting
- Outstanding edge strength

HIGH TEMP ALLOYS

Engineered for superior performance in heat resistant super alloys.



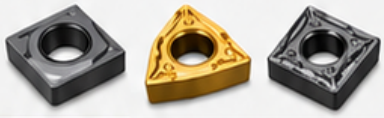
PR115S PVD Coated
- Excellent oxidation and wear resistance
- Ideal for Inconel, Hastelloy & Waspaloy
- Stable cutting in continuous machining

PR120S PVD Coated
- High heat resistance up to 1,100°C
- Superior crater wear resistance
- Long tool life in difficult to machine alloys

PR015S PVD Coated
- Ultra-fine TiAlN based coating
- Excellent for finishing to medium machining
- High surface finish and dimensional accuracy

INCONEL

Specialized grades for nickel-based alloys and titanium alloys.



PR111S PVD Coated
- Excellent wear & oxidation resistance
- First choice for Inconel 718, 625 & 600
- High speed and high efficiency machining

PR1125 PVD Coated
- Balanced grade for Inconel & titanium
- Excellent resistance to built-up edge
- Reliable performance in various conditions

PR1025 PVD Coated
- Tough substrate with superior coating
- Excellent for roughing & heavy interrupted cuts
- High reliability and tool life

KYOCERA COATING TECHNOLOGY

Advanced PVD & CVD coatings provide exceptional wear resistance, heat resistance and chemical stability for demanding machining.



- Super Nano Top Coat (Wear & Oxidation Resistance)
- Nano Multi-Layer Coating (High Heat Resistance)
- Specially Designed Carbide Substrate (High Toughness)

APPLICATIONS



Medical Components

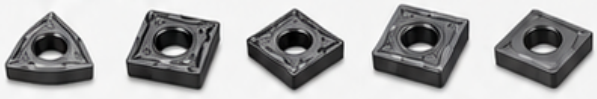


Aerospace Parts



Valve & Fittings

PRODUCT RANGE



Turning Inserts | Milling Inserts | Drilling | Grooving | Tool Holders

WHY CHOOSE KYOCERA

- ✓ World-class Japanese quality
- ✓ Innovative tooling solutions
- ✓ Consistent performance & reliability
- ✓ Global support, local service

Scan to view Kyocera Grades in detail

www.kyoceraprecisiontools.com

ADVANCING PRODUCTIVITY

KYOCERA Precision Tools.
Your Partner in Performance.

KYOCERA
Precision Tools

KYOCERA MILLING GRADES FOR AEROSPACE

Advanced Grade Technology for High Performance, Reliability and Process Security

Kyocera milling grades are engineered with advanced substrates and coatings to deliver outstanding wear resistance, heat resistance and fracture toughness for demanding aerospace materials and applications.



WHY KYOCERA GRADES FOR AEROSPACE?

HIGH RELIABILITY
Consistent performance and long tool life for critical components.

HEAT & WEAR RESISTANCE
Advanced MEGACOAT technologies with superior thermal stability.

PROCESS SECURITY
Excellent edge stability and toughness for interrupted and high feed machining.

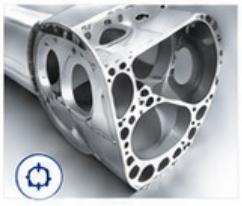
AEROSPACE FOCUS
Solutions for Titanium, Super Alloys, Aluminum, Stainless Steels & Composites.

MILLING GRADE LINE-UP

GRADE	COATING TECHNOLOGY	APPLICATION RANGE	KEY BENEFITS	RECOMMENDED MATERIALS
PR1535 ISO P15 | M15 | K15	*MEGACOAT NANO EX* PVD TiAlN	First choice for nickel-based super alloys and titanium alloys in difficult to cut conditions.	• Excellent heat resistance • Superior wear & oxidation resistance • Stable machining of high temperature alloys	S Titanium Alloys M Nickel-based Super Alloys K Stainless Steels
PR1725 ISO P20 | M20 | K20	*MEGACOAT NANO EX* PVD TiAlN	High speed & high efficiency milling of titanium alloys, stainless steels and heat resistant alloys.	• High wear resistance • Excellent surface finish • Long and predictable tool life	P Titanium Alloys M Stainless Steels S Nickel-based Alloys
PR1825 ISO P25 | M25 | S20	*MEGACOAT HARD* PVD TiAlN	Universal grade for a wide range of ISO P, M & S materials. Ideal for general milling of aerospace parts.	• High wear resistance • Good toughness balance • Versatile performance	P Steel M Stainless Steels S Titanium & Heat Resistant Alloys
CA6535 ISO K15 | N15 | S15	CVD TiCN-Al_2O_3-TiN	Tough grade for castings and interrupted milling of difficult materials. Excellent for aerospace castings.	• High fracture toughness • Excellent chipping resistance • Reliable in interrupted cutting	K Cast Iron (Ductile) M Aluminum Alloys S Titanium Alloys
CA310 ISO K10 | N10 | S10	CVD TiCN-Al_2O_3	Uncoated CVD grade with excellent toughness. Ideal for high speed milling of aluminum alloys.	• Mirror like finish • Excellent wear resistance • High speed performance	N Aluminum Alloys S Non-Ferrous Alloys

RECOMMENDED APPLICATIONS

AIRFRAME STRUCTURES



Key Grades
PR1725, PR1825, CA310
- High efficiency roughing
- Excellent surface finish
- Aluminum & Titanium parts

ENGINE COMPONENTS



Key Grades
PR1535, PR1725
- High temp. alloy machining
- Stable in long overhang
- Blisk, Hub, Shaft, Case

LANDING GEAR



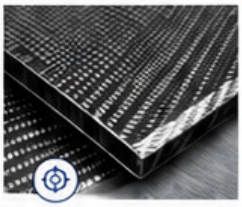
Key Grades
PR1825, CA6535
- Reliable in interrupted cuts
- Toughness & wear resistance
- Steel & Titanium parts

FASTENERS & FITTINGS



Key Grades
PR1825, CA310
- High productivity
- Consistent tool life
- Stainless & Aluminum

COMPOSITES MACHINING



Key Grades
CA6535
- Low delamination
- Stable edge
- CFRP / GFRP machining

BLISKS & IMPELLERS



Key Grades
PR1535, PR1725
- High temp. alloy machining
- Excellent edge stability
- Long tool life

GRADE TECHNOLOGY HIGHLIGHTS

MEGACOAT NANO EX (PVD)



Multi-layer PVD coating with nanocomposite structure provides outstanding wear, heat and oxidation resistance for demanding aerospace materials.

MEGACOAT HARD (PVD)



High hardness coating technology for excellent wear resistance and versatility across a wide range of applications.

CVD TECHNOLOGY



Thick Al_2O_3 coating layer offers high heat resistance and toughness for reliable performance in interrupted cutting and cast materials.

APPLICATION SUPPORT

- Application Engineering Support
- Cutting Data & Process Guidance
- Tooling Solutions for Aerospace
- Global Technical Service

KYOCERA Precision Tools
Your Partner for Productivity, Precision and Performance in Aerospace Manufacturing

HIGH PERFORMANCE | JAPANESE QUALITY | GLOBAL SUPPORT | MADE IN JAPAN

Grades availability may vary by region. Please contact your local Kyocera representative for details.

www.kyoceraprecisiontools.com