

PRODUCT CATALOGUE · 2026

ONKAR AP SIGNAGES

DIVISION 02

INDUSTRIAL CUTTING TOOLS

Solid Carbide · HSS · Brazed · Special & Form Tools

Ground to your component

Re-New reconditioning

Application engineering

AUTHORISED DISTRIBUTORS FOR AAYUDH SYNERGIES PVT. LTD.

ONKARSINAGES.COM

ONKARAP SIGNAGES PVT. LTD. · EST. 2019

A trading company that now supplies **cutting tools**.

Onkarap Signages Pvt. Ltd. is a trading company with three branches across Pune, PCMC and Satara. We have been associated with the market for the last seven years, supplying every kind of advertising and signage material within Maharashtra.

We have now started an additional business in industrial carbide tools. As authorised distributors for **Aayudh Synergies Pvt. Ltd.**, we supply cutting tools — solid carbide, HSS, brazed and special tooling — to the automotive, general engineering, oil and gas and other manufacturing industries, as per client requirement.

7 YEARS

Trading Co.

Onkarap Signages Pvt. Ltd.

REACH

3 Branches

Pune · PCMC · Satara

WE SUPPLY

Across Industry

Oil & gas · Auto · Engineering

MADE BY

Aayudh Tools

Aayudh Synergies Pvt. Ltd.

OUR ROLE

Authorised distributor

We are a trading company and the authorised distributor for Aayudh Synergies Pvt. Ltd. We handle application enquiries and coordinate supply, special-tool development and reconditioning with the manufacturer — one local point of contact for quotation, delivery and service across our three branches.

MANUFACTURER

Aayudh Tools grinds them

Tools are produced on CNC 6-axis grinding machines with matching inspection equipment. Aayudh has supplied solid carbide tooling to Indian industry for over a decade.

WHAT IS IN THIS CATALOGUE

03	The Range	Four families and how specifications are set	04	Solid Carbide Tools	Drills, end mills, step tools, form cutters
05	Special & Form Tools	Combination tooling and flute-polish grinds	06	HSS & Brazed Tools	General engineering and larger diameters
07	Problems We Solve	Cycle time, chip flow, tool cost, tool life	08	Re-New	Reconditioning worn and complex tooling
09	Behind the Tools	Manufacturing and who does what	10	Applications	Industries, materials and what we handle
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Four families, one **supply point.**

Standard geometries where a catalogue size fits, and ground-to-drawing tooling where it does not.

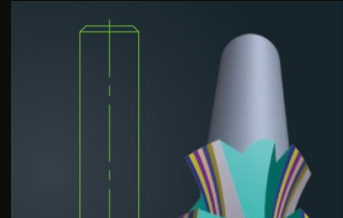


Solid Carbide Tools

DRILLS • END MILLS • REAMERS • STEP TOOLS

The core range for production machining — standard geometries and application-specific grinds.

DRILLS • END MILLS • REAMERS • STEP TOOLS • PROFILE TOOLS



Special & Form Tools

STEP • COMBINATION • PROFILE / FORM

Developed around one component and one operation. Built entirely to drawing, not to a size chart.

SPECIAL STEP TOOLS • COMBINATION TOOLS • PROFILE / FORM

DRILL + REAMER



HSS Tools

END MILLS • CUTTERS • DRILLS • REAMERS

High-speed steel tooling for general engineering, so one order can cover a full tool crib.

END MILLS • T-SLOT CUTTERS • DRILLS • TAPER-SHANK REAMERS

SHELL CUTTERS



Brazed Tools

STEP TOOLS • COUNTERBORES • REAMERS

Carbide-tipped construction where the diameter or the operation suits it better than solid carbide.

BRAZED STEP TOOLS • COUNTERBORES • REAMERS • SHELL CUTTERS

HOW SPECIFICATIONS WORK

Diameter, flute count, geometry, coating and carbide grade are set against your component and operation — so this catalogue lists what each tool does rather than a fixed size table. Send a drawing or a sample and we will quote to it.

Solid Carbide Tools

Production drilling, milling, reaming and stepping. Supplied as standard grinds or developed against a specific component.



Solid Carbide Drill

Production drilling in a single pass, ground for chip evacuation.

DRILLING PILOT HOLES
THROUGH & BLIND



Solid Carbide End Mill

Milling and profiling, in standard and application-specific grinds.

SLOTTING PROFILING SHOULDER
FINISHING



Carbide Step Drill

Drills and steps a hole in one entry — fewer tool changes per cycle.

DRILLING STEPPING CHAMFERING



Special Step Tool

Multi-diameter tool replacing a sequence of separate operations.

MULTI-DIA DRILLING COUNTERBORING



Carbide Form Cutter

Cuts a finished profile in one pass instead of interpolating it.

FORM MILLING PROFILING GROOVING

SPECIFICATION

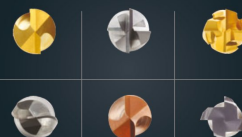
Made to your component

Diameter, flute count, geometry, coating and carbide grade are set against your material and operation. Share a drawing or sample for a quotation.

APPLICATION GEOMETRIES

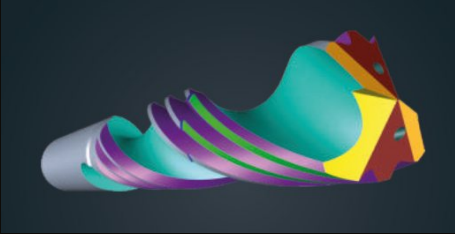
End geometry and coating are chosen for the material and the cut — not carried over from the last job. Where a component runs in volume, the geometry is worth engineering rather than approximating.

Application Specification



Special & Form Tools

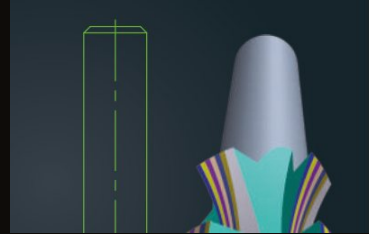
Where the saving is not in the price of the tool but in the number of operations it removes from the cycle.



Drill + Reamer Combination

Drilling and reaming combined into one tool and one entry. Aayudh calls this the Dreamer — it removes a tool change and a pass from the cycle.

DRILLING REAMING



Combination Form Tool

Two operations combined with a profile milling form tool. This is the part of the range Aayudh specialises in.

PROFILE MILLING FORM GENERATION



FP (Flute Polish) Tools

Built-up edge and poor chip evacuation shorten tool life long before the cutting edge actually wears out. FP tools pair the flute form with the flute finish so both are addressed together — worth specifying on sticky and non-ferrous work.

Special Step Tools

A single body carrying several ground diameters, replacing a sequence of separate operations. Where a component runs in volume, the step tool usually pays for itself in cycle time and spindle changes long before it wears out.

MULTI-DIA DRILLING COUNTERBORING CHAMFERING



STATED BY AAYUDH TOOLS

For small to medium batches of non-ferrous components, Aayudh's 'N' geometry and coated tools are stated to give **30–50% of PCD life** and **2.5–3× the life of conventional solid carbide**, where PCD tooling typically costs 5–10× solid carbide.

FIGURES AS PUBLISHED BY THE MANUFACTURER • RESULT VARIES BY COMPONENT AND CONDITION

HSS & Brazed Tools

Supplied alongside the carbide range so a single order can cover the tool crib — and so larger diameters get the construction that actually suits them.

HIGH-SPEED STEEL



HSS End Mill

General-purpose milling for job-shop and maintenance work.



HSS T-Slot Cutter

Cuts T-slots and undercuts on machine tables and fixtures.



HSS Drill

Twist drilling across general engineering materials.



HSS Taper-Shank Reamer

Finish reaming to size on taper-shank machine spindles.

BRAZED CARBIDE



Brazed Shell Cutter

Carbide-tipped cutter for larger-diameter facing and counterboring.

COUNTERBORING FACING



Brazed Step Tools & Reamers

Tipped step tools and reamers for cases where solid carbide is not the economical choice at that diameter.

STEPPING COUNTERBORING REAMING

CHOOSING BETWEEN THEM

Solid carbide earns its cost on volume, speed and close tolerance. HSS remains the sensible choice for lower-speed, mixed-batch and maintenance work. Brazed construction makes sense as diameters grow, where an all-carbide body would be expensive without adding performance. Tell us the component and we will say which of the three the job actually needs.

What the tooling is actually **solving.**

Four situations that come up on almost every shop floor — and the tooling approach for each.

PROBLEM 01

Too many tool changes in the cycle

Combine two operations into one tool

A drill-and-reamer combination does in one entry what normally takes two tools and two changes. The same logic drives the combination profile and form tools.

PROBLEM 02

Chip flow and built-up edge

Specify flute form and finish together

Built-up edge and poor evacuation shorten tool life long before the edge wears out. FP (flute polish) tools address the form and the finish as one decision.

PROBLEM 03

PCD is too expensive for the batch

Coated carbide on non-ferrous work

For small to medium non-ferrous batches, 'N' geometry and coated tools sit between conventional solid carbide and PCD on both life and cost.

PROBLEM 04

Scrapping tools that still have life

Recondition instead of replace

Standard drills and end mills are reground routinely; complex and combination tools usually are not. Re-New returns those to service — see overleaf.

Extend the life of tooling you **already own.**

Standard drills and end mills get reground routinely. Complex step, combination and form tools usually get scrapped — because most regrinders cannot restore the geometry. Re-New is built for exactly those tools.

01

Collect

Worn tools picked up with your batch.

02

Assess

Wear checked against the original geometry.

03

Regrind

Reground on CNC equipment, including complex forms.

04

Return

Back on the machine instead of into scrap.

STATED BY AAYUDH TOOLS

80–85%

of the life of a fresh tool can be achieved after renewing, as published by the manufacturer.

WHAT THIS MEANS FOR YOU

The actual result depends on the tool and its condition, so we do not quote a figure before seeing it. Send one worn tool as a sample — we will assess it and tell you whether reconditioning is worth it for that item before you commit a batch.

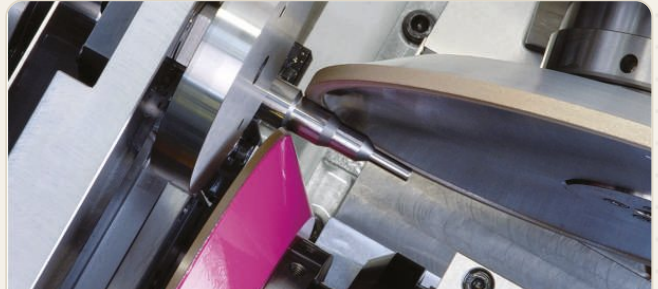
Manufactured by **Aayudh Tools**

We are the distributor — we supply, advise and service. The tools themselves are ground on CNC 6-axis grinding machines with inspection equipment to match. Naming the manufacturer matters: you should know what is behind the tool you are buying.



CNC 6-Axis Tool Grinding

Multi-axis grinding for complex and combination geometries.



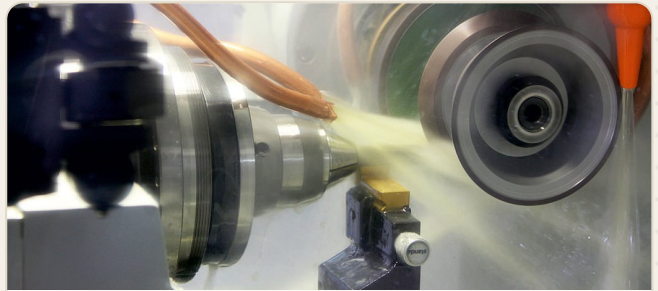
Precision Flute Grinding

Flute form and finish ground under coolant.



Inspection & Measurement

Tool geometry verified on dedicated measuring equipment.



Application Engineering

Tools designed around the operation, not picked off a size chart.

HOW THE TWO SIDES SPLIT

Aayudh Synergies Pvt. Ltd. — manufactures

Tool design, grinding, coating, inspection and the Re-New reconditioning process.

Onkarap Signages Pvt. Ltd. — supplies you

Enquiry, application advice, quotation, stock, delivery, reconditioning pick-up and after-sales. Your single point of contact throughout.

Where this tooling is used.

Oil & Gas Industries

Equipment and component manufacturing in corrosion-resistant and high-strength alloys — duplex stainless, Inconel and titanium. These are the materials this range is built around, and the work where tool life and hole quality decide the cost per component.

Automotive & Auto Component Industries

Volume machining where cycle time and cost per component decide the tooling.

General Engineering Industries

Job shops and fabricators running mixed batches across materials.

Aerospace Industry

Named by the manufacturer as a segment served with advanced-material tooling.

Medical Industry

Named by the manufacturer as a segment served with advanced-material tooling.

MATERIALS MACHINED

The corrosion-resistant and high-strength alloys that dominate oil and gas work are the same ones this range is built around.

Duplex Stainless Steel

Inconel

Titanium

Non-Ferrous Alloys

Alloy & Carbon Steels

Cast Iron

WHY BUY THROUGH ONKAR

One local point of contact

Enquiry to reconditioning handled locally, not chased across a supply chain.

Application-led selection

We take the component and the operation first, then work back to the tool.

Special tools, not just sizes

Direct access to special step, combination and form tool capability.

Reconditioning loop

We coordinate the Re-New cycle so worn tools go back into service.

Established manufacturer

Over a decade of solid carbide tooling supplied to Indian industry.

Supply continuity

Replenishment planned against your consumption, served from three branches.

WHAT WE HANDLE

Special Tool Development

Send a drawing; we manage it from enquiry to first article.

Re-New Reconditioning

Including complex and combination tools normally scrapped.

Application Engineering

Selection worked against material, machine and cycle time.

Tool Cost Optimisation

Reviewing cost per component, not cost per tool.

Supply & Replenishment

Scheduled supply coordinated so a running line does not wait on tooling.

Oil & Gas Industries

Equipment and component manufacturing for oil and gas runs in the hardest material group we supply into — and it is the group this range was built around.



THE ALLOYS

Corrosion-resistant and high-strength grades dominate this sector. They are the same materials named in the manufacturer's own advanced-material segments — so the range already addresses them.

DUPLEX STAINLESS SUPER DUPLEX INCONEL TITANIUM
ALLOY STEELS

WHY TOOLING CHOICE DECIDES THE COST

These grades work-harden as they are cut, hold heat at the cutting edge and are abrasive. Tool life falls fast when the geometry and the finish are not matched to the material, and every premature change costs a cycle. On this work the tool is a small line on the invoice and a large one in the cost per component.

WHAT WE SUPPLY INTO THIS WORK

Solid Carbide Drills & Reamers

Hole making and finishing where size and finish are held.

Special Step & Combination Tools

Several diameters in one entry, fewer changes per part.

Profile & Form Tools

Seat and profile forms generated in a single pass.

Re-New Reconditioning

Complex tooling returned to service instead of scrapped.

HOW WE APPROACH THIS WORK

01

Start from the grade

Duplex and nickel alloys behave nothing like carbon steel. Tell us the grade on the certificate, not just "stainless".

02

Cost the component

On these materials the right tool is rarely the cheapest one. We work the number per finished part, including changes and downtime.

03

Recondition the specials

Special and combination tools carry most of the tooling spend here, which is exactly where Re-New returns the most.



DOWNSTREAM • REFINING



DRILLING EQUIPMENT

SECTOR IMAGERY SHOWN FOR CONTEXT — ILLUSTRATIVE PHOTOGRAPHS OF THE INDUSTRY, NOT PROJECTS EXECUTED BY ONKAR AP SIGNAGES

Send the component, not just the **tool size.**

The fastest route to the right tool — and the right price — is the drawing and the material. With those we can recommend rather than guess.

SEND US THIS

Component drawing or sample

The single most useful thing you can send.

Material being machined

Grade matters as much as the family.

Operation & machine

Drilling, reaming, milling — and what it runs on.

Quantity or monthly consumption

Lets us structure pricing and replenishment.

WHAT HAPPENS NEXT

01 We review the application

Material, operation, machine and cycle considered together.

02 You get a recommendation

Standard tool where it fits, special where it does not.

03 Quotation and lead time

Priced against the drawing, with a committed date.

04 Supply and support

Delivery, replenishment and the reconditioning loop.



Discuss your next tooling requirement.

Talk to us directly — we handle the enquiry, the quotation and the service in your region.

CALL / WHATSAPP

+91 96896 76416

Send a drawing or a photo of the tool on WhatsApp.

EMAIL

onkarsignages@gmail.com

Attach the component drawing for a faster quotation.

REGISTERED OFFICE

Onkarap Signages Pvt. Ltd.

Godown No. 03, Sr. No. 320, opp. Jog Maharaja Garden, near PCMC Swimming Pool, Pimpri Gaon, Pimpri Colony, Pimpri-Chinchwad, Pune, Maharashtra 411017

BRANCHES

PCMC · Pune · Satara

GSTIN

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WEB

onkarsinages.com/cutting-tools

ALSO FROM ONKAR

Advertising & Signage Media

Flex, vinyl, inks, lamination and ACP — plus large-format printing, signage fabrication, installation and maintenance.

Useful if you also need

Plant and safety signage, wayfinding, shop-floor markings, exhibition stalls or vehicle and fleet branding — same company, same point of contact.

ONKAR AP SIGNAGES

DIVISION 01 — ADVERTISING & SIGNAGE MEDIA

DIVISION 02 — INDUSTRIAL CUTTING TOOLS

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Aayudh Synergies Pvt. Ltd.

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