

Tooling Solutions for the Automotive Industry

palbit[®]
TOOLING SOLUTIONS EXPERTS
SINCE 1916

PalbitUSA.com

PILOT
Precision Products

AUTOMOTIVE NEW



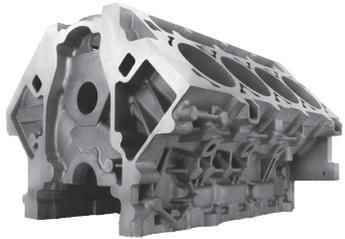
Precision tools to break **challenging barriers**

TOOLING SOLUTIONS FOR THE AUTOMOTIVE INDUSTRY

SINCE 1916

High quality precision tools for the challenges of the automotive industry.
We provide optimized machining solutions for the specific requirements of our customers demands.
Palbit aims to provide the best solutions to achieve your goals with innovation, flexibility, quality and productivity.

MAIN WORKPIECE PARTS:



Cylinder Block



Cylinder Head



Crankshaft



Pistons



Crankshaft Bearing and Housing



Camshaft



CV Joint



Brake Calliper



Transmission Case



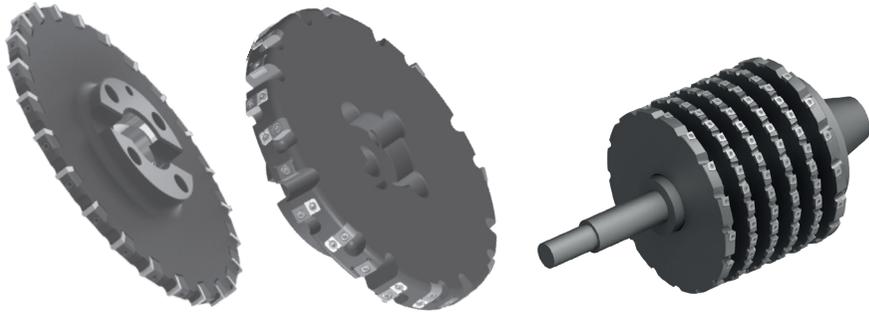
Oil Pump

TAILOR-MADE SOLUTIONS

SINCE 1916

Special tailor-made tooling adapted to our customers needs for higher productivity and efficiency. More effective solutions that enhance your production by lower costs per component produced, savings due to reduced inventories, as well as faster and more effective machining.

SPECIAL CUTTING TOOLS



Tailor made cutters for specific projects

TAILOR MADE ENDMILLS



Solution for specific operations

PCD ENDMILLS



Standard and tailor-made endmills
Great for finishing

PCBN SPECIAL TOOLS



For great finishing and high productivity

PCD GROOVING BLADES



Tailor-made grooving blades for aluminium

STEP DRILLS



Tailor-made solutions
Solid Carbide or indexable

RANGE OF PALBIT TOOLS - MILLING

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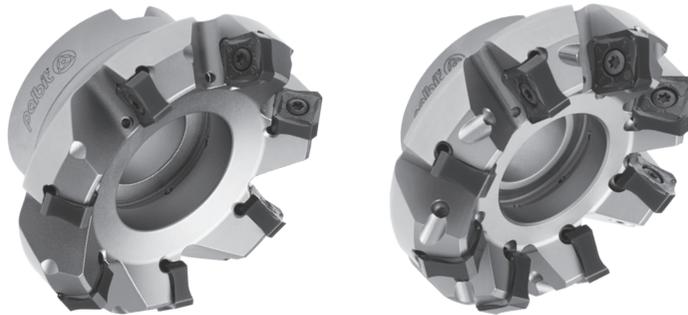
Standard milling solutions. A wide set of products that can be used for almost every challenge. From face milling to profiling, we provide a complete range of excellent products.

PLUS 28088



Face milling solution with great accessibility

PLUS 90945 & 91245



Double sided insert
Excellent Surface finishing
Up to 16 edges per insert

TGPLUS 90390



Excellent insert rigidity and Improved machining stability

HARDMILL 72090 **N**



PCD tipped inserts
Excellent for aluminium

ALUPRO 76090 **N**



Multi functional milling operations
for aluminium
High speed conditions with high
metal removal rate

PCD ENDMILLS **N**



Standard and tailor-made endmills
Great for finishing

INTEG



Wide range of solid carbide
endmills
Tailor-made endmills for special
solutions

RANGE OF PALBIT TOOLS - DRILLING, TURNING AND GROOVING

SINCE 1916

Palbit brings to the market a complete set of cutting tools for multiple machining operations to increase your business performance.

JET DRILLS



Wide range of drilling solutions

ISO TURNING PM-PHG



First choice for a majority of steel turning applications, roughing to finishing, continuous and interrupted cuts

ISO TURNING N



Great performance for aluminium turning
Excellent surface finishing

SOLID CARBIDE DRILLS



Boosted drilling stability

ISO TURNING PCBN



PCBN inserts excel in the finishing and semi-finishing processes of hardened steels as well as hard cast iron and heat-resistant super alloys

GROOVING PLUS



Wide range grooving solutions

CYLINDER BLOCK

SINCE 1916



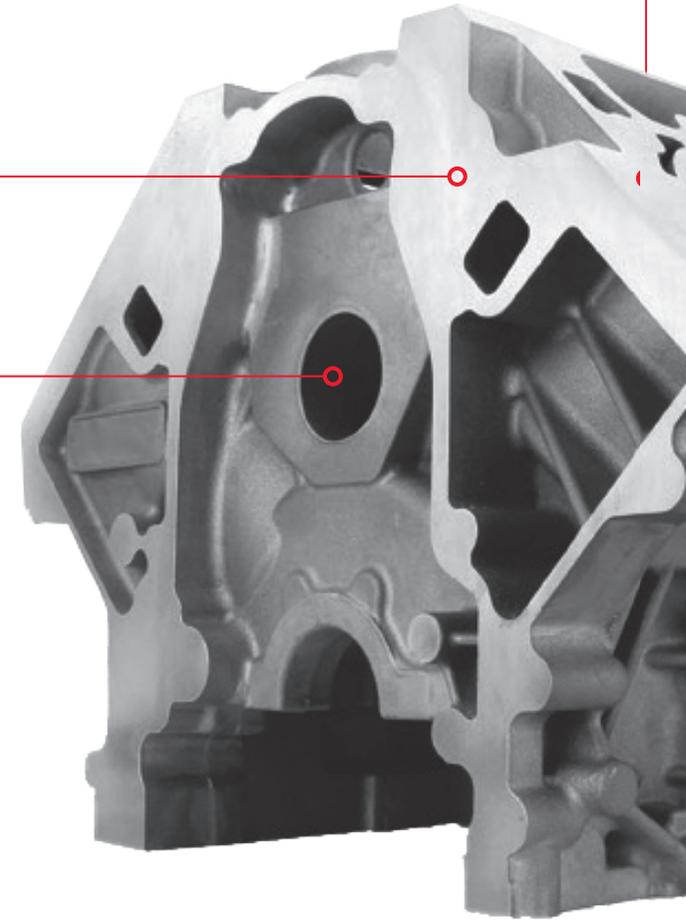
PLUS 90945

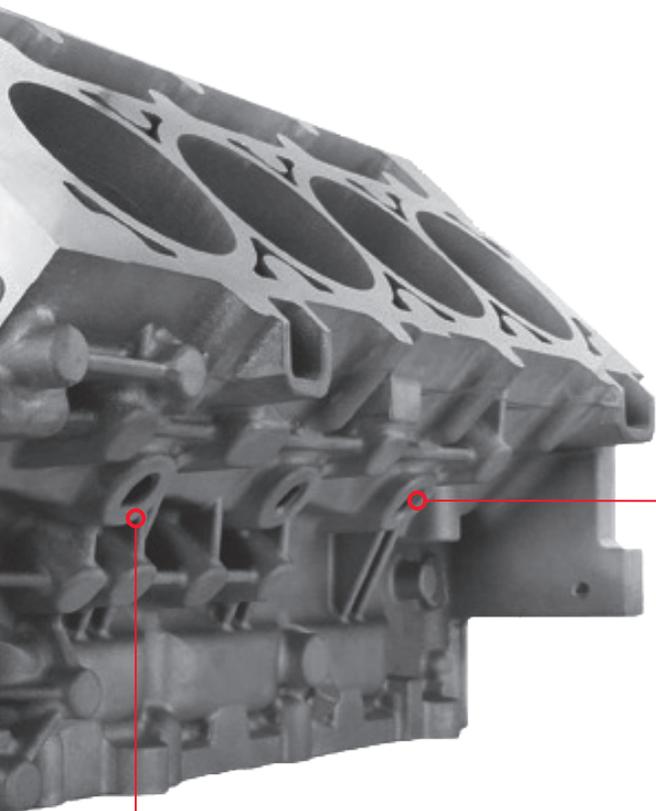


HARDMILL 72090 **N**



PCD ENDMILLS **N**





JET DRILLS



PLUS 28088

CYLINDER HEAD

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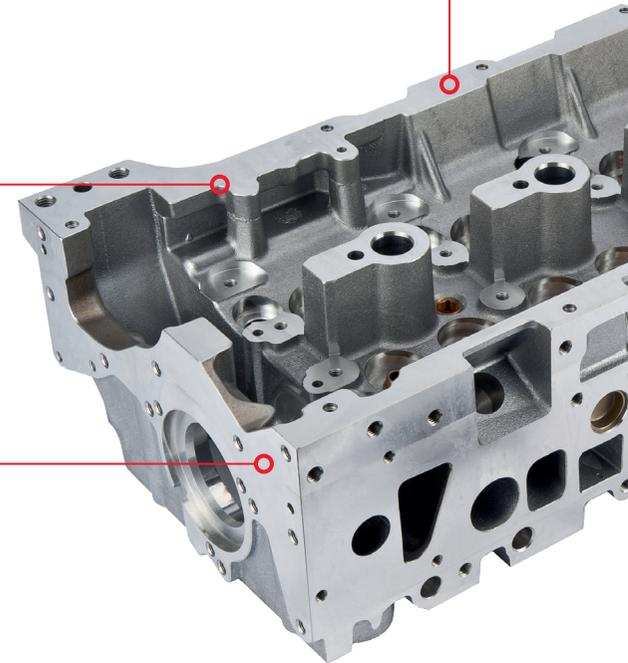
PLUS 91245

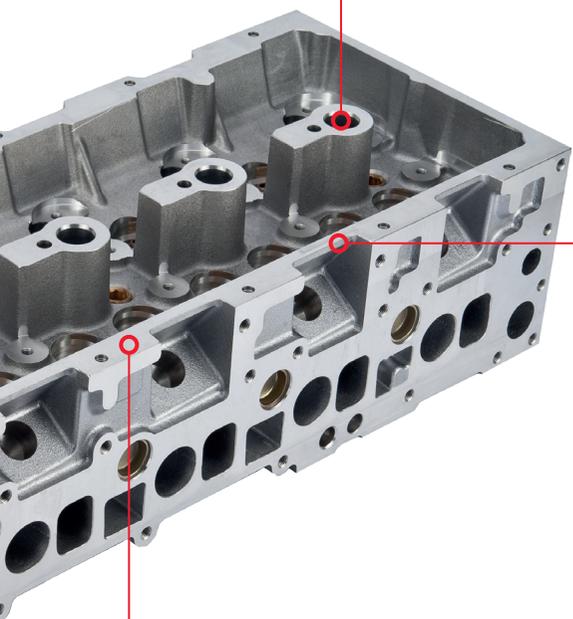


PCD ENDMILLS **N**



HARDMILL 72090 **N**





SOLID CARBIDE DRILLS



ALUPRO 76090



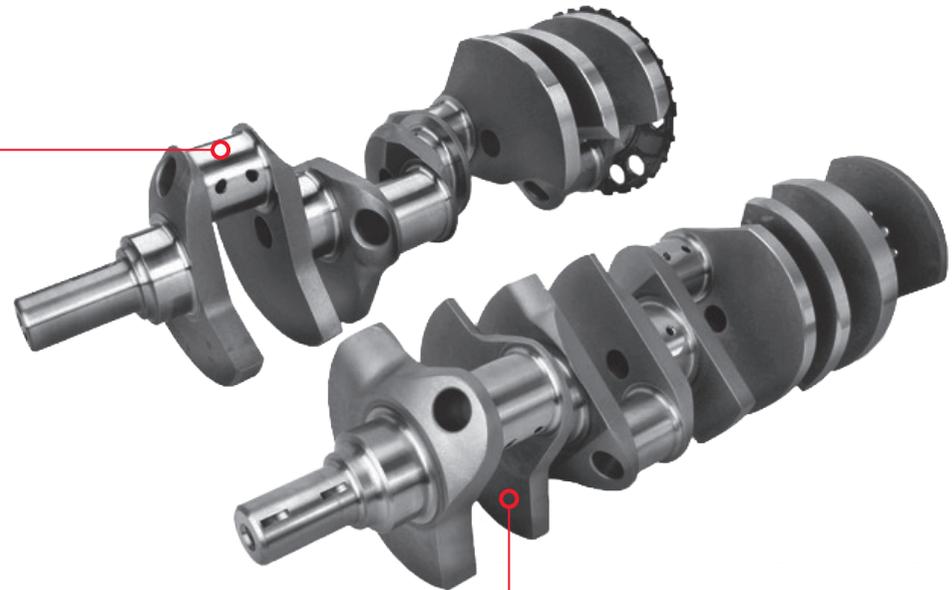
INTEG

CRANKSHAFT

SINCE 1916



ISO TURNING PM-PHG



SPECIAL DISC CUTTERS

PISTONS

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PCD GROOVING BLADES



ISO PCD TURNING **N**



SOLID CARBIDE DRILLS



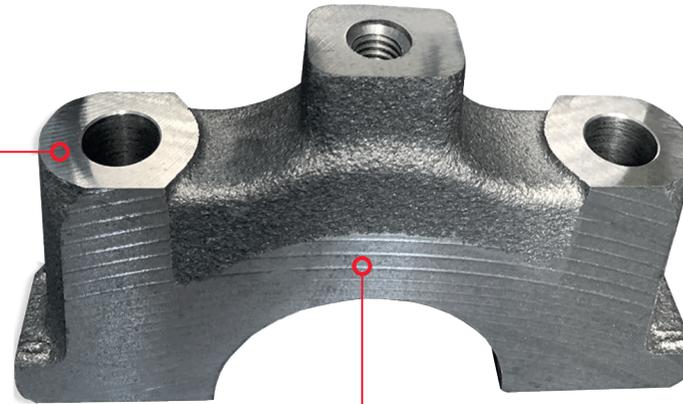
ISO TURNING **N**

CRANKSHAFT BEARING AND HOUSING

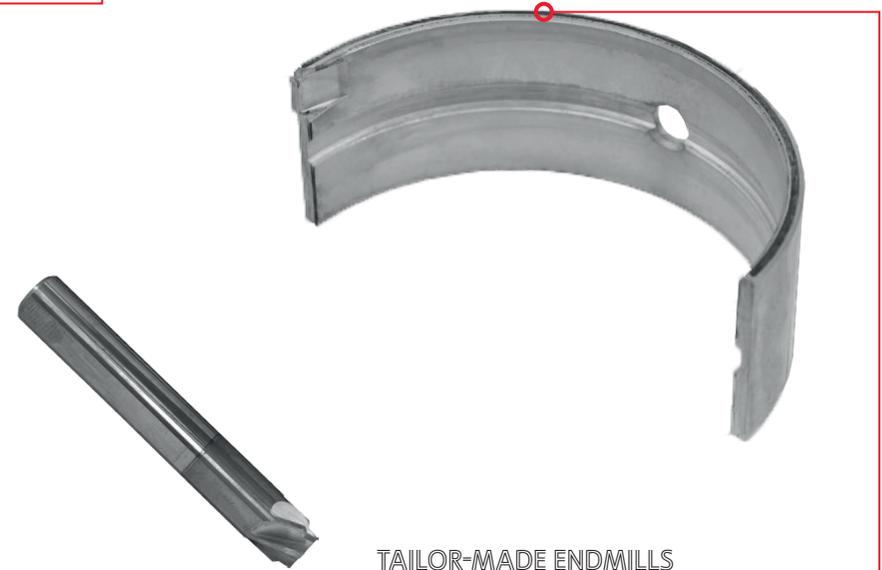
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TGPLUS 90390



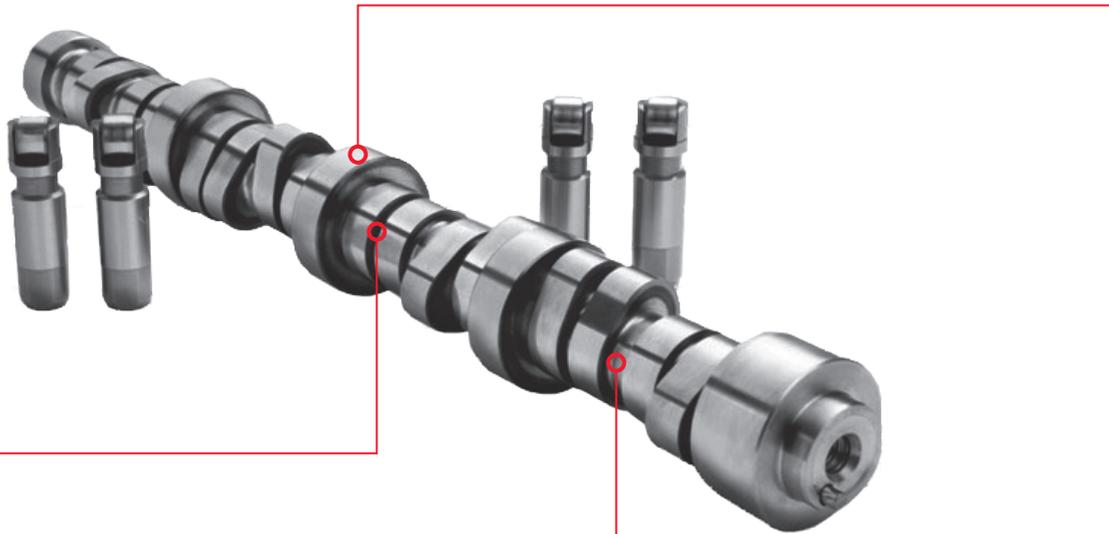
SPECIAL CUTTING TOOLS



TAILOR-MADE ENDMILLS

CAMSHAFT

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ISO TURNING PM-PHG



GROOVING PLUS



SPECIAL DISC CUTTER

CV JOINT AND BRAKE CALLIPER

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PCBN SPECIAL TOOLS



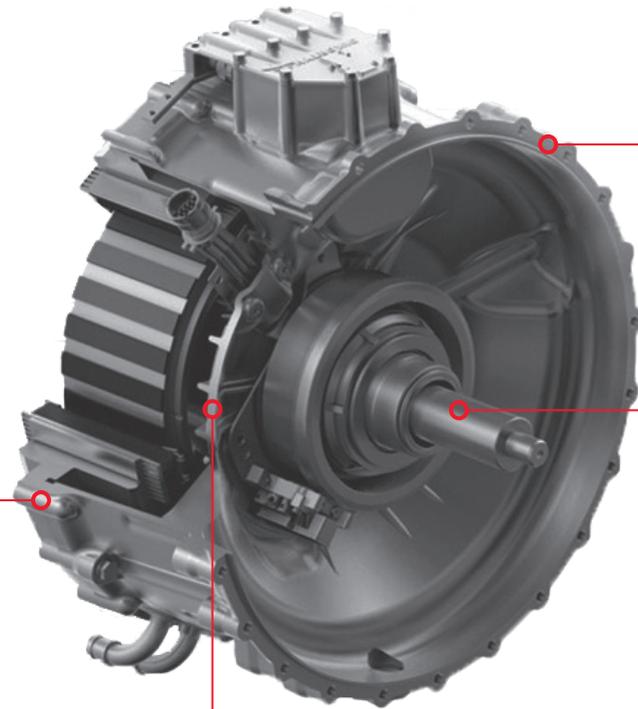
SPECIAL DISC CUTTER



STEP DRILLS

OUTPUT SHAFT AND TRANSMISSION CASE

SINCE 1916



HARDMILL 72090 N



SOLID CARBIDE DRILLS



INTEG



ISO TURNING PCBN



HARDMILL 72090 **N**



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ISO 9001:2015

