METALMILL
EXCELLENCE IN EVERY DETAIL

Product Catalog

PRECISION ENGINEERING AND CNC MACHINING

TRADITION AND PROGRESS

EXPERIENCE AND MODERN TECHNOLOGY

METALMILL Cielesz Sp.zo.o.is a family business founded in 2008, with industry experience dating back to the 1980s.

The company began with a single milling machine. Continuous investment in technology and production has developed it into a manufacturing facility equipped with more than 20 modern machines.

Traditional engineering expertise is combined with modern CNC machining to produce components and tools tailored to customer requirements.



2008

Founded

1980s

Industry experience began

20+

Modern machines

01 / CYLINDERS

CYLINDERS FOR PRINTING AND TOOLING



Cylinder from the original METALMILL presentation.

Magnetic cylinders

Precisionmagneticcylinders for industrial printing and tooling applications.

Print cylinders

Specialisedprintcylinders manufactured to customer requirements.

Anvil cylinders

Precisionanvilcomponents for industrial applications.

02 / CUTTING AND PRESSURE CONTROL

INTEGRATED INDUSTRIAL SOLUTIONS



Cross-cutting and perforating cylinders

Specialised cylinders for transverse cutting and perforation.

Fully assembled cutting units

Complete cutting-unit solutions for industrial applications.

Pressure control systems

Precision systems for controlling pressure.

Roller assembly with dial gauges and adjustment components from the supplier presentation.

Discuss the configuration required for your machine and application with CNI.

03 / CUSTOM COMPONENTS

SPECIALISED CYLINDERS AND TOOLS





Smooth cylinder with a toothed ring and precision gears.

Cold embossing cylinders

Cylinders for cold embossing applications.

Air cylinders (tint cylinders)

Air-operated cylinder solutions.

Air-assisted sleeves

Sleevesolutionsdesigned for air-assisted mounting.

Gears and components

Precision-machinedgearsand engineering components.

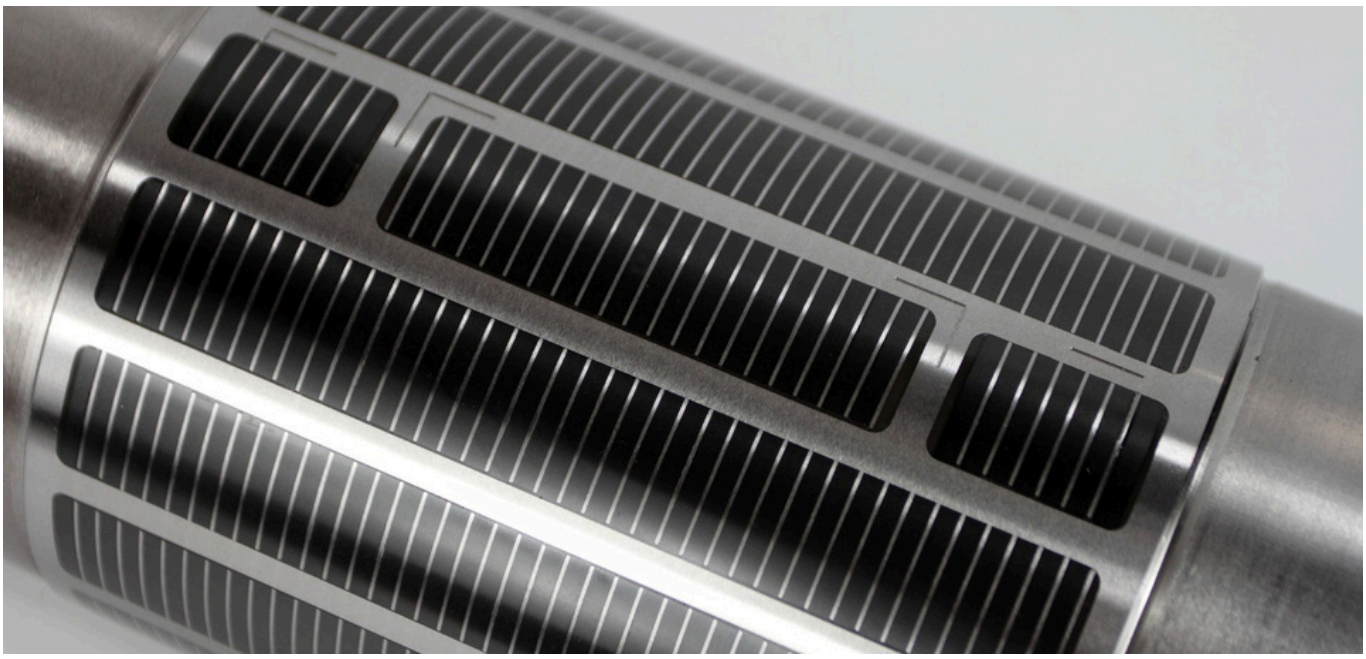
Custom tools

Individuallydesigned tools tailored to specific industrial requirements.

04 / TECHNOLOGY

FROM RAW MATERIAL TO PRECISION PART

Frommachiningto surfacetreatment:METALMILL'smanufacturingcapabilitiessupportthe precise production of industrial components and tools.



- CNC milling and turning
- Precision grinding with accuracy down to 0.001 mm
- Vacuum hardening
- Induction hardening
- Laser engraving
- Oxidation
- Tool repair and improvement

05 / TECHNICAL CHARACTERISTICS

EVERY DETAIL MATTERS

0.01 mm

Runout tolerance; the presentation givesacommonvalueof0.03 mm

0.003 mm

Toleranceachievableaccording to the presentation

63 ±2 HRC

Hardness of induction-hardened bearer rings

- High running accuracy and dimensional precision
- Hardened and ground gears in DIN 5/6 accuracy classes
- Precision-milled gears in DIN 7 accuracy class
- Black oxide coating for corrosion protection

BUILT ON QUALITY MATERIALS

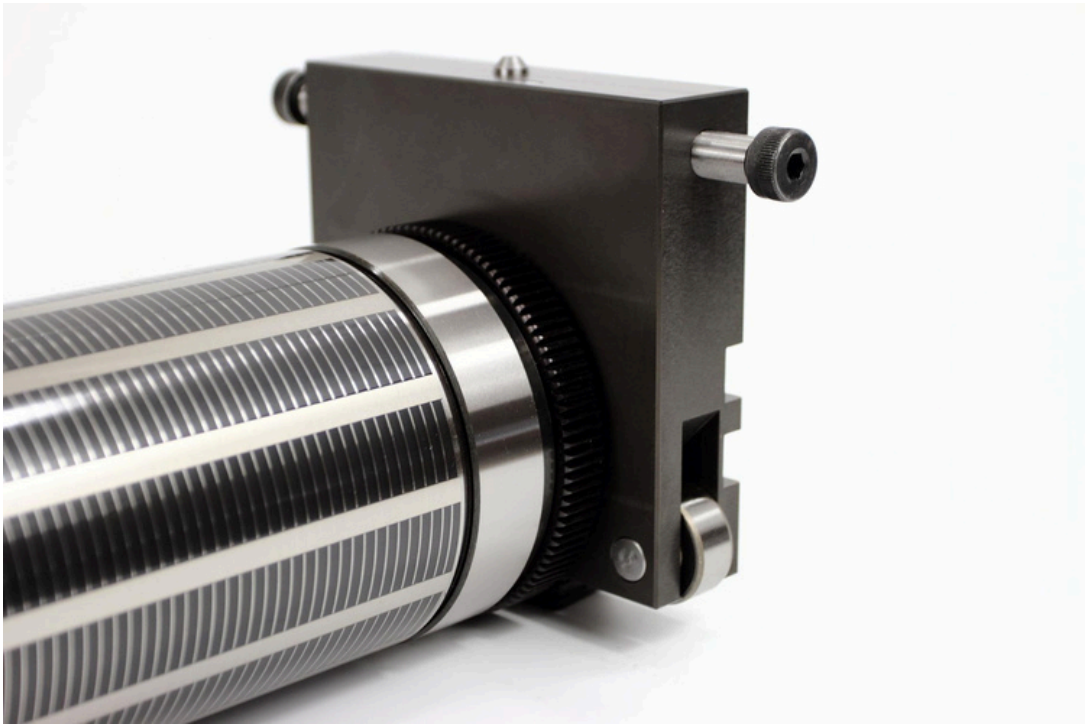
- High-quality raw materials, including stainless steel
- Vacuum-hardened journals
- Induction-hardened bearer rings
- Black oxide coating

Material selection, heat treatment and surface treatment are important to component durability and performance. The appropriate configuration must be determined by the requirements of the application.

Technical values are supplier-stated characteristics from the presentation, not universal guarantees for every product. Requirements must be confirmed for each individual component.

06 / PARTNERSHIP

A RELIABLE PARTNER BEYOND MANUFACTURING



- Standard warranty
- Long product service life
- Wooden shipping crates included
- Measurement reports and operating instructions
- Spare parts
- Repair services

According to METALMILL's own presentation, the company is an officially recommended supplier of high-quality tools for Nilpeter and other machine manufacturers in Europe, India, North and South America. This is the supplier's statement, not independent certification or a general manufacturer endorsement.

Contact CNI for the specific terms of warranty and support services.

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LET'S FIND THE RIGHT ENGINEERING SOLUTION!

Looking fora precision cylinder,cuttingtool,gearorcustomindustrialcomponent? Contact the CNI team to discuss your requirements.

Contact the CNI team for product enquiries, technical requirements, quotations and delivery information. CNI confirms current manufacturing and delivery terms and expected lead times individually.

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Source: the 19-page METALMILL company presentation and original product photographs. Technical characteristics are supplier statements; requirements must be confirmed individually.