

# Kopal公司产品 介绍

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**KOPAL**®

# Kopal: 您专属的夹具与去毛刺解决方案伙伴

## Your Premier Partner for Custom Clamping & Deburring Solutions

- Kopal致力于成为夹具定制领域的标杆。
- 我们与您携手，凭借我们全面的夹具与去毛刺设备系列，共同为您制定优化的机加工技术方案。
- 我们专注于根据您的特定需求，设计和制造手动夹具与去毛刺工具。
- 我们的目标是成为您可靠的合作伙伴，助您节省宝贵时间，提升生产效率。
- Kopal拥有70年的机加工工艺经验，始终致力于服务机床行业及其用户。
- 我们诚邀您浏览以下内容，共同探索满足您需求的完美解决方案。

Kopal is dedicated to being the benchmark in bespoke clamping solutions.

Working hand-in-hand with you, and supported by our comprehensive range of clamping and deburring equipment, we develop optimized technical machining methodologies.

Our goal is to work alongside you as a reliable partner, helping you save valuable time and enhance production efficiency.

With 70 years of expertise in machining methods, Kopal has consistently served the machine tool industry and its users.



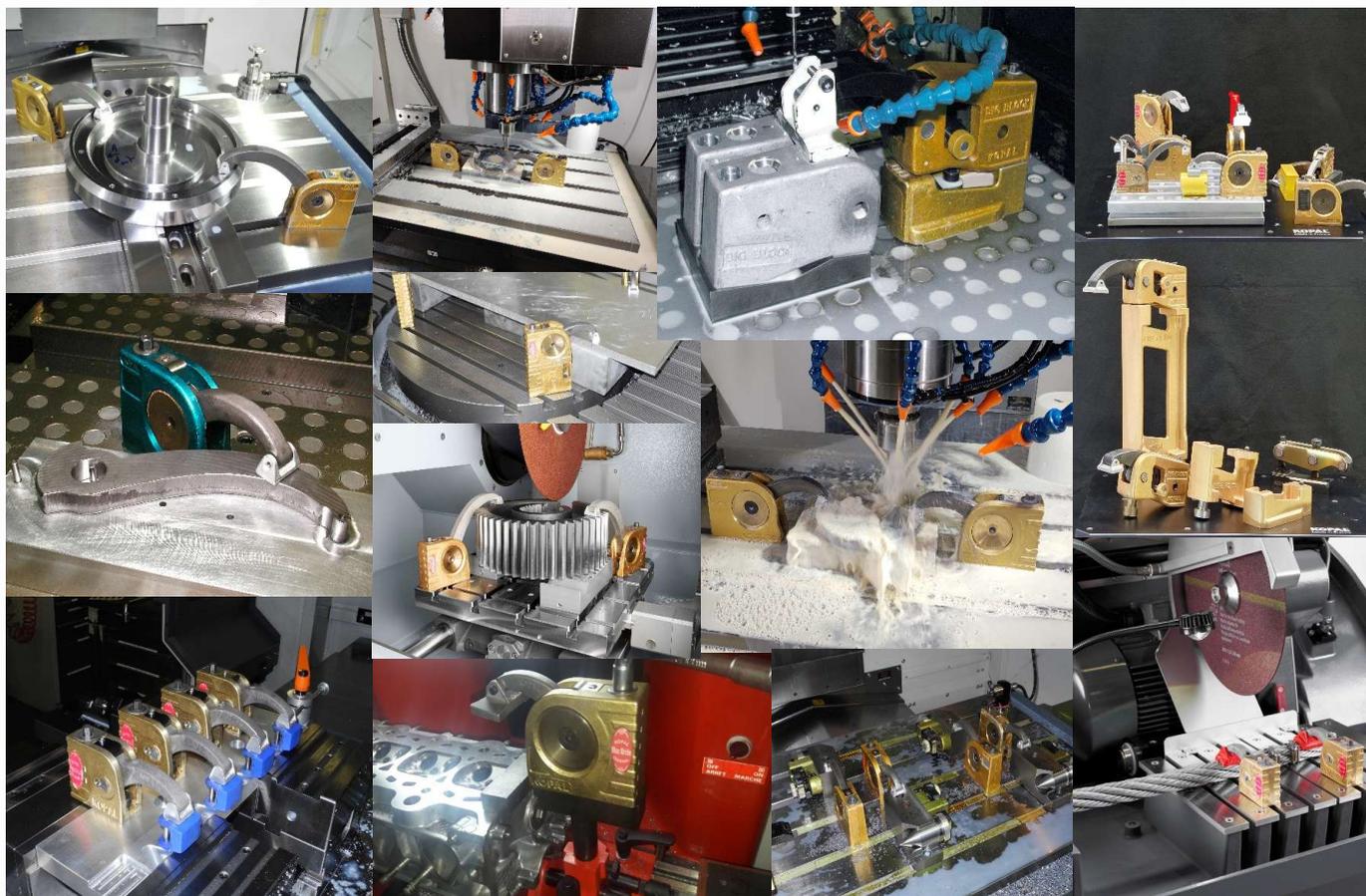
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# 1. 强劲灵活的垂直夹紧方案/ Vertical Clamping Solutions / Solutions de Serrage Vertical

- Kopal提供多种尺寸和夹紧力的垂直夹具。所采用的技术确保您能快速完成安装并立即投入使用。
- 以下是一些应用实例。您的创造力是唯一的限制。

Kopal offers a range of vertical clamps in various sizes and clamping forces. The integrated technology ensures rapid installation and immediate use.

Here are some application examples. The only limit is your creativity. 😊



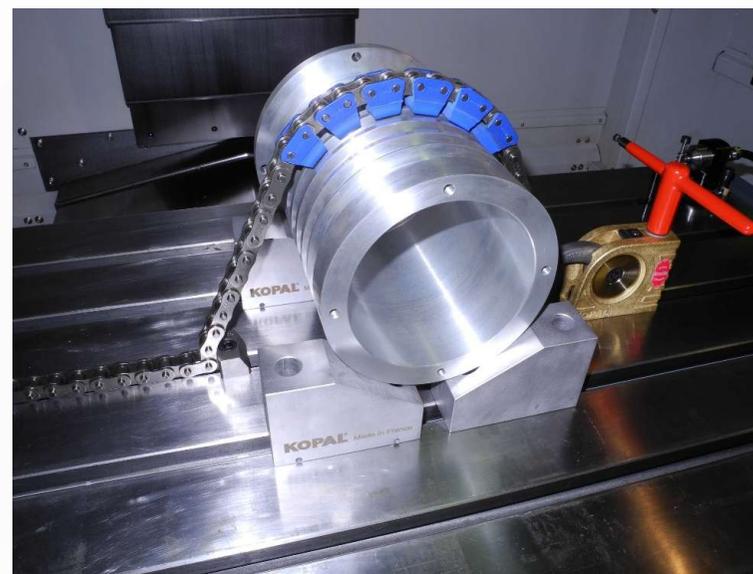
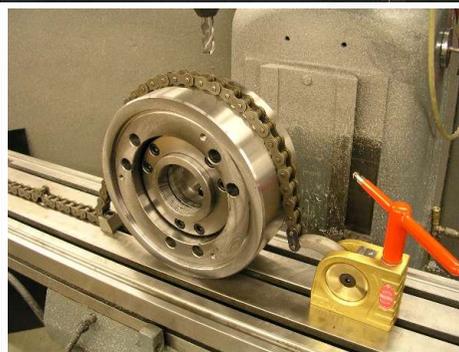
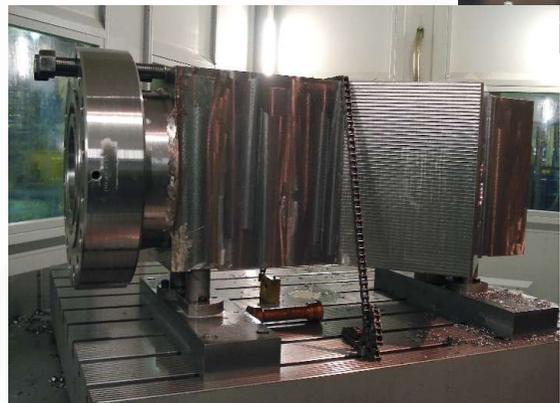
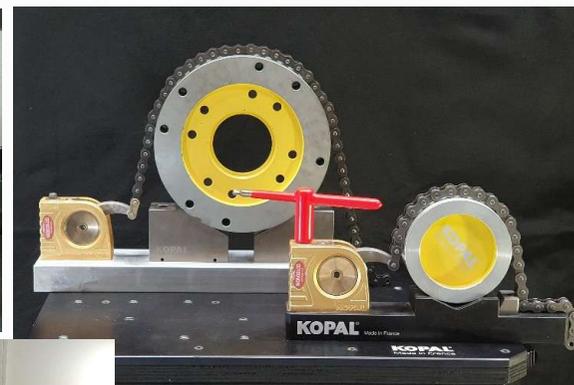
## 2. 扩展应用：夹持链 / Expanded Applications: Chain clamping / Applications Étendues : Bridage par chaîne

Kopal持续拓展其产品应用范围。我们推出了系列带链条的夹具，以满足更复杂的需求。

欢迎随时垂询，为您提供定制化解决方案。

Kopal continuously expands the applications of its products. We have launched a series of clamps with chains to meet more complex requirements.

Please do not hesitate to contact us for a solution tailored to your needs.



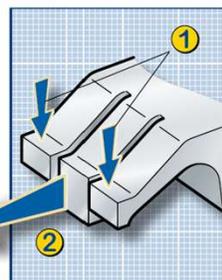
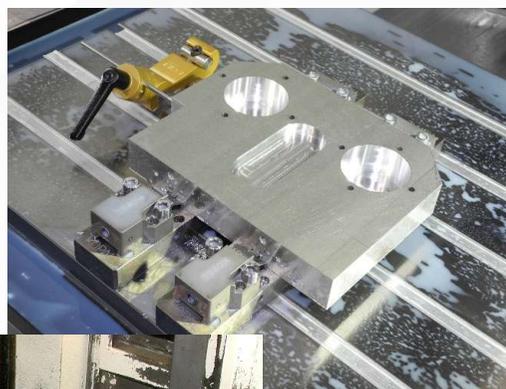
# 3.水平夹紧解决方案 / Horizontal Clamping Solutions / Solutions de Serrage Horizontal

## 高效自锁式水平夹紧 Efficient Self-Locking Horizontal Clamping

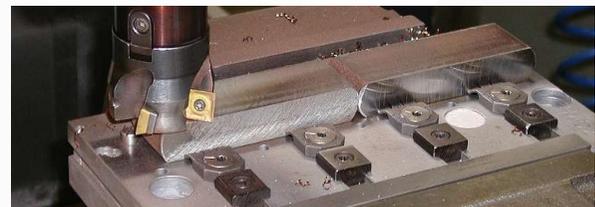
与我们的垂直夹具一样，Kopal提供全系列**不同尺寸**和夹紧力的**水平夹具**。它们都有一个关键优势：增强的夹紧力并具备**自锁功能**。

独特的**弹簧压片系统**可在水平夹紧时，自动将工件压紧在支撑面上，实现**水平与垂直双向力**的完美结合。

Kopal offers a complete range of horizontal clamps in various sizes and clamping forces. They all share a key advantage: Enhanced clamping force with self-locking capability.



双动作同时进行

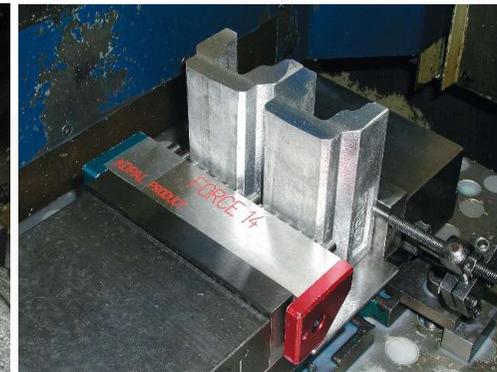
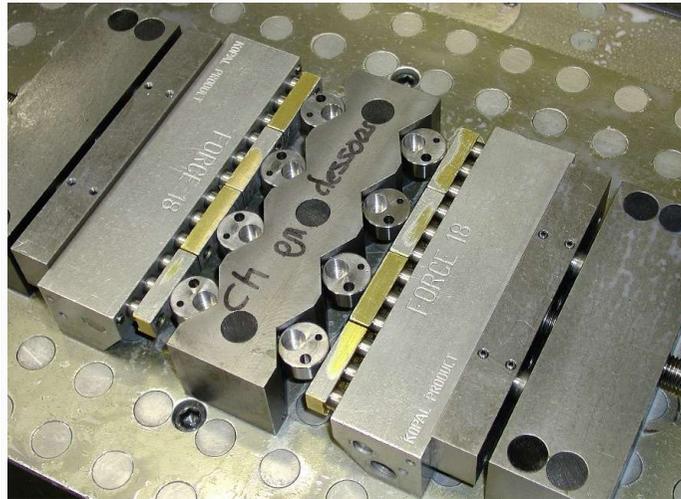


## 4自动液压力平衡分配系统 / Autonomous Hydraulic force balanced Distribution System / Système d'équilibre de force hydraulique autonome

Kopal发明了一种**自主液压分配系统**，兼容所有标准台虎钳。这一创新工具让您能够在同一台虎钳上**同时夹持**多个工件，且**毫无夹紧力损失**。

浏览以下应用实例.....现在，轮到您来体验其卓越性能了。

Kopal has invented an autonomous hydraulic distribution system compatible with all standard machine vices. This innovative tool allows you to clamp multiple workpieces in a single vice with zero loss of clamping force. Discover the application examples below...



## 5. 独一无二的倒角刀 / Unique Deburring & Chamfering Tools / Outils d'Ébavurage et de Chanfreinage Uniques

Kopal去毛刺工具匠心独运。其可调节刀片设计，让您能精确控制切屑厚度与切割深度。

因此，您可以在各种形状（如图所示）的工件上进行精准的倒角与去毛刺。它适用于台钻或手持电钻。

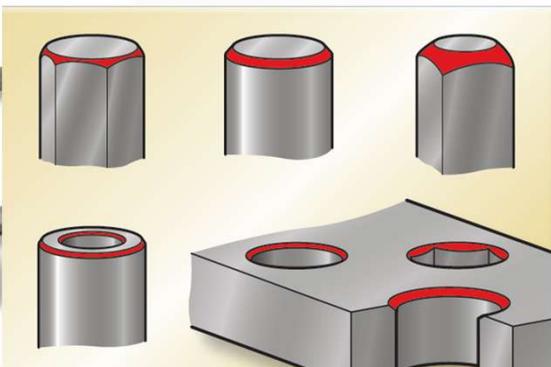
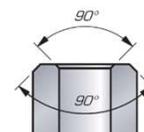
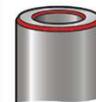
此工具可用于加工内、外倒角。提供多种尺寸，倒角角度为60°或90°。

我们还专为管材加工开发了一款工具，能够一次操作同时完成管端内、外缘的去毛刺。

Kopal deburring tools are truly one-of-a-kind. Their adjustable blade allows you to control chip thickness and cutting depth with precision.

Simultaneously chamfers  
the *Inside and Outside*  
of tube ends

**KOPAL TUBE**



## 6. 电动倒角工具 / Electric Deburring Tools / Outils d'Ébavurage Électriques

### 高效电动去毛刺工具

Kopal生产一系列高性能电动去毛刺工具。工具由电机驱动旋转，并配备调速器，可根据刀具直径和材料硬度精确调节切割速度。

这些工具功能多样、动力强劲，既能处理小型零件，也能应对大型工件的外部或内部轮廓。

我们还提供多种不同类型的去毛刺铣刀，以满足您的特定需求。

如需更多信息，我们随时为您提供支持。

Kopal manufactures a range of high-performance electric deburring tools. The tool rotation is powered by an electric motor and features a speed controller to precisely adjust the cutting speed based on cutter diameter and material hardness.

These versatile and powerful tools can handle small parts as well as the external or internal contours of large components.

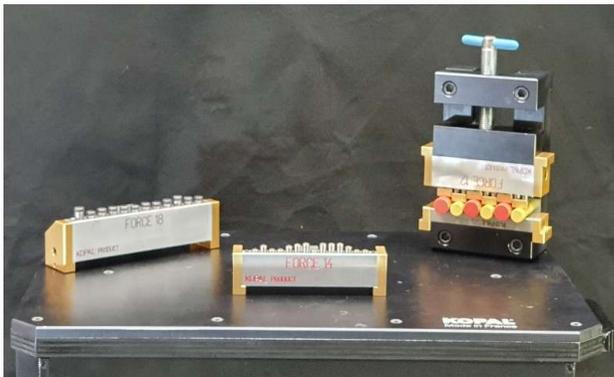
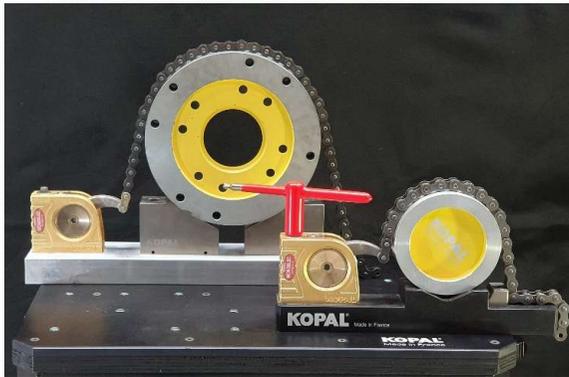
We also offer a variety of different deburring cutters to meet your specific needs.



# KOPAL®



# 您的全球合作伙伴/ Your Global Partner



## 合作共赢，您的全球合作伙伴/ Your Global Partner

# KOPAL®

Kopal业务遍布多国，致力于为您提供简单、高效的机加工解决方案。

无论是在机床上的工件固定，还是去毛刺等后续处理环节，我们都

能为您提供卓越的支持。

我们的团队随时准备为您介绍最适合您需求的产品。

**决定零件成本的，并非工具本身的价格，而是所采用的加工方法与手段。**

**选择Kopal工具，即是选择 节省时间与 降低成本。**

- Kopal operates in numerous countries and is committed to providing you with simple and efficient machining solutions.
- Whether it's securing your workpieces on the machine tool or for post-processing operations like deburring, we provide outstanding support.
- Our team is ready to present the products that best suit your needs.
- Remember: The cost of a part is not determined by the price of the tool, but by the methods and means employed.
- Choosing Kopal tools means choosing time savings and cost reduction.

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