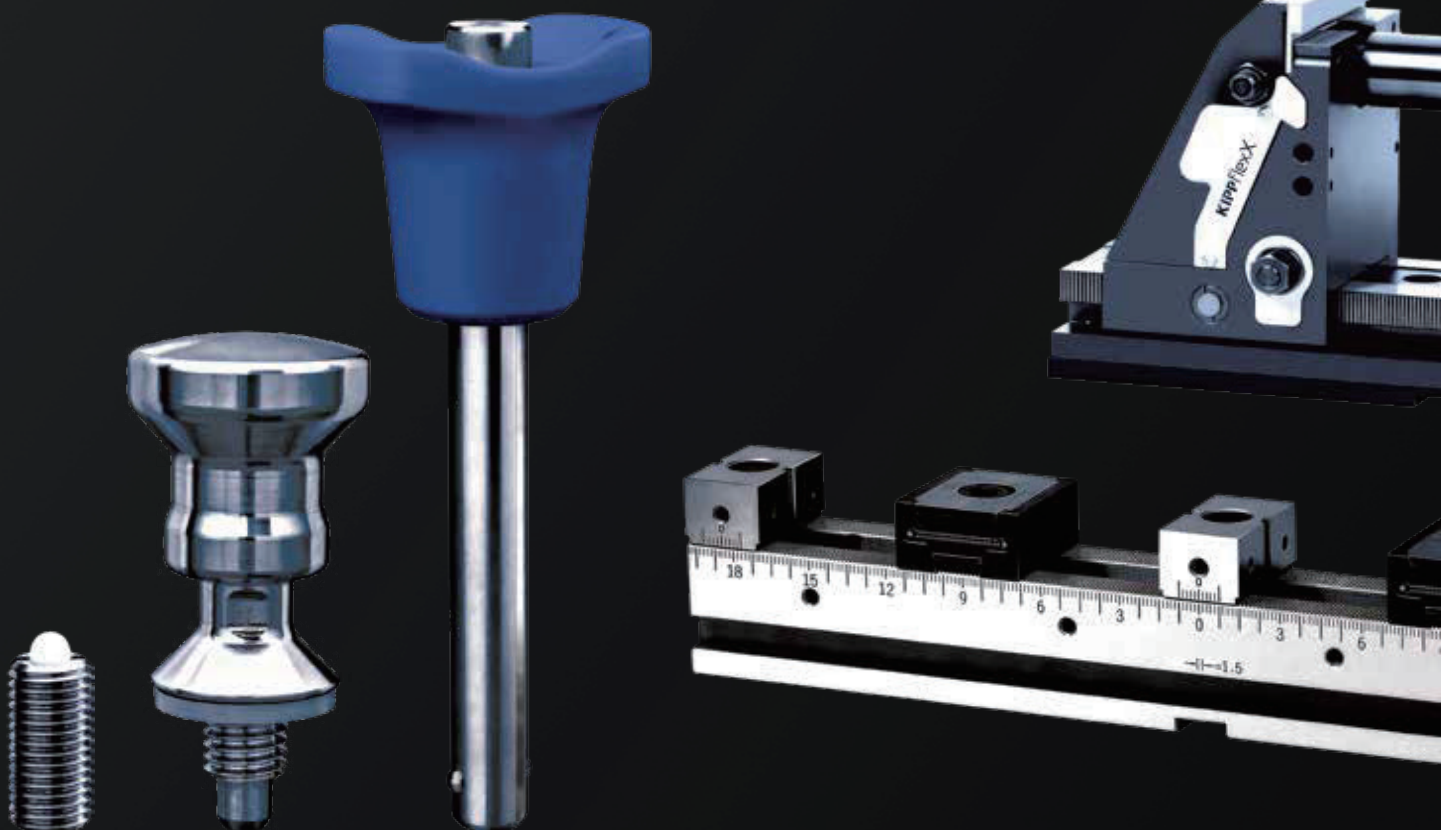




深圳市艾泰科精密组件有限公司

速查手册! QUICK FINDER!

夹紧技术、标准元件及操作部件
Clamping technology, standard
elements and operating parts



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服务时间 / Service hours

周一至周五 08:00AM-17:30PM

Mo. - Fr.

周六 / Sat. 08:30AM-12:00PM



www.itechfast.net

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Customised solutions
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Industry expertise



快速甄选理想产品。 FASTER TO THE RIGHT PRODUCT.

速查手册
Quickfinder

即刻发掘核心优势！本公司产品目录分类清晰，可助您快速查阅规格尺寸、材质类型、结构款式及表面处理工艺。作为资深制造企业，我们除提供标准元件外，亦可按需定制专属解决方案。客服团队与专业技术顾问全程跟进，为客户提供选型至应用的全流程技术支持。全系产品现货储备充足，可满足客户紧急供货需求。

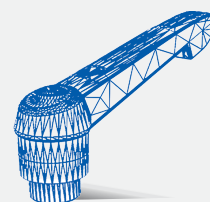
Discover the advantages! Our range is clearly organised by category so that you can find dimensions, materials, designs and surface finishes at a glance. As an experienced manufacturer, we not only offer standard parts, but also customised solutions on request. Our customer service and specialist advisors provide support from selection to application. And you can rely on our products being available at short notice.



操作部件/标准元件
Operating parts /
Standard elements



夹紧技术
Clamping technology



定制化解决方案
Customised solutions

百分百
创新实力!
100%
INNOVA-
TION!

德国制造 MADE IN GERMANY



自1919年起，我们深耕德国制造领域，
铸就专业工艺积淀。

We have stood for manufacturing
expertise in Germany since 1919.

- 百分百公平保障
100% fairness guarantee
- 百分百服务承诺
100% service guarantee
- 百分百专业品控
100% product competence

超越标准界限 BEYOND THE STAN-DARD



作为工业领域优质合作商，我们提供高附加值机械解决方案。企业产品体系涵盖九万余种标准元件，其中六千余款为夹紧技术类产品，核心产品均于德国生产。丰富完备的产品体系，为精密组件定制与非标专属定制产品研发筑牢基础，精准适配各类超标准应用场景。

As a quality partner to industry, we deliver value-added mechanical solutions. Our portfolio includes more than 90,000 standard parts, 6,000 of which are clamping technology items, predominantly produced in Germany. This wide scope forms the basis for precision assemblies and individual customised products for where the standards are not sufficient.

高度垂直整合的生产模式、多年研发积淀与全链条配套服务，确保从创意构思到落地应用，品质稳定可控、性能持久一致。基于以上优势，HEINRICH KIPP WERK持续为客户创造超额价值。无论是践行人文关怀与生态环保的责任理念，还是助力客户攻克各类技术难题，我们始终竭诚相伴，全心服务。

Our high level of vertical integration, many years of development experience and our services ensure reproducible quality from the idea to the application. So you see: at HEINRICH KIPP WERK, you can always expect a little bit more. Regardless of whether it's about the responsible treatment of people and the environment or solving your challenges: We are there for you.

Nicolas Kipp

Heinrich Kipp



德国
Germany

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Heubergstraße 2
72172 Sulz am Neckar
www.kipp.com

中国
China

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Components Co., Ltd
Room1104,2nd Building, changyi
industrial Park,No.1 lirong Road,
Xinshi community, Dalang
subdistrict, Longhua District
shenzhen city,Guangdong
Province, China.
www.itechfast.net

操作部件/标准元件

OPERATING PARTS / STANDARD ELEMENTS

官网、计算机辅助设计数据库及产品目录均采用简洁易懂的 KIPP 逻辑检索体系，助力精准筛选适配产品。客户顾问、工程师与技术人员全程提供全方位专业服务，随时为您提供支持。

The simple and self-explanatory KIPP LOGIC on the website, in the CAD databases and in the catalogue facilitates the search for the right products. The comprehensive service provided by our customer advisors, engineers and technicians is also available to you at all times.

夹紧手柄
Clamping levers
张力手柄
Tension levers
凸轮手柄
Cam levers





抖音扫一扫，观看应用

抖音扫一扫，观看应用

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转舌锁 / 四角锁
Quarter-turn locks
旋转手柄
Swivel lever
旋转夹紧锁
Quarter-turn clamp lock
边缘防护型材
Edge protection profiles



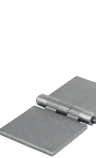


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铰链
Hinges





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水平调节脚
Levelling feet
设备支撑脚
Machine feet
调节丝杆
Threaded spindles
止推垫块
Thrust pads



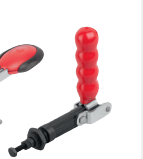


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肘节夹钳
Toggle clamps
推拉式肘节夹钳
Push-pull toggle clamps
气动夹钳
Pneumatic clamps





抖音扫一扫，观看应用

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夹紧元件 / Clamping elements
钩式夹钳 / Hook clamps
回转夹钳 / Swing clamps
楔形夹钳 / Wedge clamps





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弹簧定位销 / Spring plungers
分度定位销 / Indexing plungers
凸轮式分度定位销
Cam-action indexing plungers
球锁销 / Ball lock pins





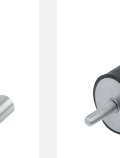
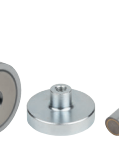
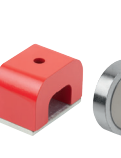
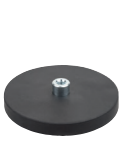
抖音扫一扫，观看应用

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磁吸组件
Magnets



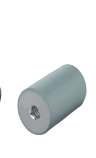


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缓冲元件
Buffer elements
橡胶缓冲器
Rubber buffers





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螺纹堵头
Screw plugs
油位观察窗
Oil level sight glasses
润滑脂注油嘴
Grease nipples





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伞形手柄
Palm grips
星形手柄
Star grips
旋钮
Knobs
T型手柄
T-Grips



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拉手
Pull handles
管状手柄
Tubular handles
嵌入式手柄
Recessed handles
功能型手柄
Function grips



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手轮
Handwheels
曲柄手柄
Crank handles
位置指示器
Position indicators



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管夹
Tube clamps
显示器支架
Monitor brackets
插接连接器
Plug Connector
线性执行器
Linear actuators



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伸缩滑轨
Telescopic slides
直线滚珠轴承
Linear ball bearings



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搭扣
Latches
按压式锁扣
Snap locks
撞击锁
Slam latches



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自调式垫块
Self-aligning pads
止推螺钉
Thrust screws
定位地脚
Locating feet
球形调平垫圈
Spherical levelling washers



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机械构件
Machine elements
螺钉
Screws
螺母
Nuts
联轴器
Couplings



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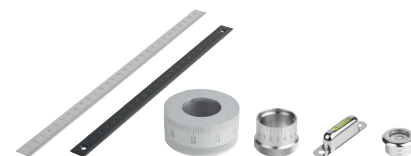
活动接头
Joints
杆端接头
Rod ends
角度接头
Angle joints



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刻度标尺 / Scales
刻度环 / Scale Rings
水准泡 / Level vials



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Wheels / castors
滚珠传输单元
Ball transfer units
吊环
Lifting rings



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工具器具
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车间耗材
Workshop supplies



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夹紧技术 / CLAMPING TECHNOLOGY

工件装夹技术 WORKHOLDING TECHNOLOGY

夹紧元件 Clamping elements



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定位构件 Locating elements



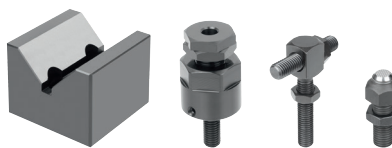
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限位止挡构件 Rest and stop elements



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成型夹持系统 Form holding systems



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工件稳定装置 Workpiece stabiliser



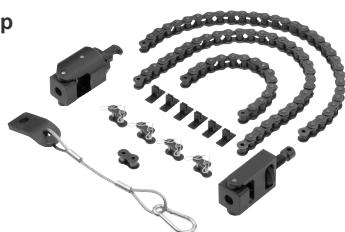
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链式夹钳 Chain clamp



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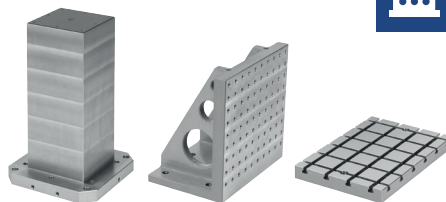


模块化夹紧技术 MODULAR CLAMPING TECHNOLOGY

基础构件 Basic elements



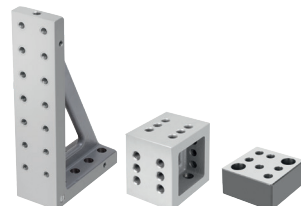
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附加配件 Add-on elements



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紧固元件/配件 Fastener elements / accessories



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在夹紧技术领域，我们提供6000余种工件装夹专用组件，产品品类齐全丰富。该系列产品采用模块化设计，各组件相互兼容，可最大限度缩短机床设备的调试装配时长。我们百分之九十五的标准零件均为常备库存，可实现快速供货交付。

如有任何咨询需求，我们的专业技术团队将随时为您提供技术支持。我们可针对中小批量加工工况，定制开发适配各类项目需求的专用夹紧工装。

In the category of clamping technology, we offer a wide range of 6,000 components for workpiece clamping. The systems have a modular design and are compatible with each other, guaranteeing minimum setup times for your machine tools. 95% of our standard components are available from stock and so can be quickly delivered.

Our team of experts are also available should you have any questions. We develop clamping fixtures for small to medium batch work, individually tailored to your projects.

零点定位夹紧技术 ZERO POINT CLAMPING TECHNOLOGY

零点定位夹紧系统
Zero-point clamping system



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80型五轴模块化夹紧系统
5-axis module clamping system 80



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50型五轴模块化夹紧系统
5-axis module clamping system 50



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定位夹紧一体化系统
Locating and clamping systems



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虎钳夹紧技术 VICE CLAMPING TECHNOLOGY

KIPPFlexX 五轴虎钳/紧凑型五轴夹紧系统
KIPPFlexX 5-axis vice / 5-axis clamping system compact



抖音扫一扫, 观看应用



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三轴夹紧系统/五轴夹紧系统
3-axis clamping system / 5-axis clamping system

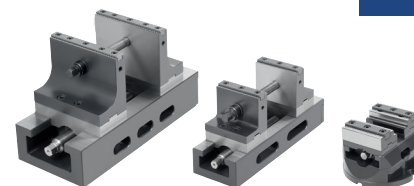


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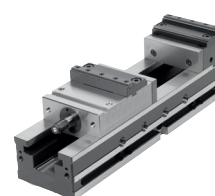
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定心虎钳
Centric vices



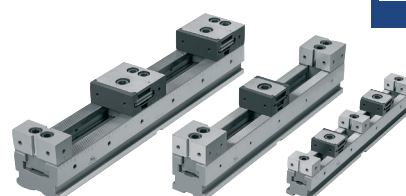
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数控虎钳
NC Vices



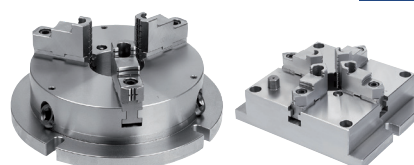
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多工位夹紧系统
Multi-clamping system



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固定式卡盘
Stationary chuck



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产品系列 / PRODUCT LINES

NOVOgrip



NOVOgrip为塑胶部件领域的经典产品系列。细节设计严谨周全。造型精巧考究，手柄手感舒适，兼具高性价比优势。

Our NOVOgrip product line is the classic in the plastics sector. Well thought out in every detail. Sophisticated design, easy-grip form and efficient price/performance.

SYMPAtouch



SYMPAtouch产品顾名思义，主打极致人体工学设计，全面提升操作舒适性与使用效率。柔软防滑材质贴合手部握持形态，操控体验优异。

It's in the name – at least with SYMPAtouch, our product line for maximum ergonomic efficiency. The soft, anti-slip material sits perfectly in the hand.

NATUREgrip



环保无污染，不含石油基原料成分。NATUREgrip产品采用生物聚合物制造。整体原料完全取自可再生资源。

Environmentally friendly and free of oil based products. Our NATUREgrip line of products are produced from biopolymer. This is made entirely from renewable raw materials.

MEDigrip



MEDigrip适用于高卫生标准应用场景。操作部件添加微量银离子，可在表层形成抗菌防护效能。

MEDigrip is suitable for use in areas with high hygienic requirements. The operating parts contain micro silver, which has an antibacterial effect on the surface.



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FEATUREgrip



依托全新FEATUREgrip产品系列，KIPP研发并推出智能组件与系统化解决方案，具备信息采集与联网适配能力，全面适配工业4.0应用场景。

With the new FEATUREgrip product range, KIPP has developed and offers smart components and solutions that deliver information and can be networked and so are suitable for Industry 4.0.

卫生级系列 / HYGIENIC



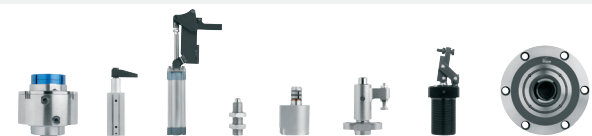
卫生级系列不锈钢产品，专为食品、制药、化工及包装行业定制研发。

The stainless-steel products from the HYGIENIC line target the foodstuff, pharmaceutical, chemical and packaging sectors.



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气动系列 / PNEUMATIC



相较于机械驱动构件，KIPP气动驱动系列产品可有效缩短设备作业循环周期。

Pneumatically actuated products from KIPP shorten cycle times compared to processes with mechanically actuated elements.

远程操控系列 / REMOTE



远程操控系列产品支持远距离操作，保障作业安全性与人体工学性。KIPP提供多款适配鲍登电缆连接的成套组合产品。

Products with remote control enable safe and ergonomic operation from a distance. KIPP supplies various coordinated product combinations with Bowden cable connection.



抖音扫一扫，观看应用

19" TECHNOLOGY



适用于19英寸集成系统的手柄、型材导轨及标准元件。适配信息技术、活动技术、实验室及计算机中心等各类应用场景。

Grips, rails and standard elements suitable for incorporation into 19 inch systems. Compatible for applications in the IT sector, event technology, laboratories or computer centres.

ROSLING ROSTFREI STAINLESS STEEL



带有该标识的产品均采用不锈钢材制造。产品主力用材为1.4305奥氏体不锈钢。

Products marked with this symbol are made of rust-free steels. The predominant material used here is the austenitic alloy 1.4305.

防静电系列 / ESD



该系列产品采用导电塑料材质制成。可应用于静电防护区域，满足静电敏感元器件的作业环境要求。

These products are made from an electrically conductive plastic. They can therefore be used in ESD protection areas which often incorporate electrostatically sensitive components.

铝型材配件 ACCESSORIES alu profiles



为铝型材的连接、夹紧与固定提供完备解决方案。所有配件均可完美适配槽宽8mm与10mm的主流现代型材。

The answer to connecting, clamping and holding aluminium profiles. All components are a perfect match for modern profiles with 8 mm or 10 mm slot widths.

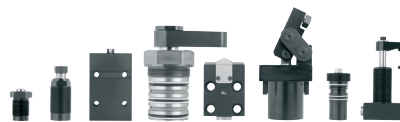
可探测系列 / DETECTABLE



特殊塑料材质打造的可探测类产品，可被检测系统快速精准识别定位。

The detectable products made of a special plastic can be quickly and reliably located by detection systems.

Oil 液压系列 / HYDRAULIC



液压系列产品可实现工件的安全精密装夹固定。能够产生高强度夹紧力并均匀分散载荷，全面优化加工工艺流程。

Hydraulic products enable workpieces to be clamped safely and precisely. Generating high clamping forces and distributing them evenly optimises processes.

材质与表面处理工艺。 Materials and surface finishes.

除标准规格产品外，可根据客户需求定制其他材质及材质等级的产品。钢材部件可额外定制特殊表面处理工艺，例如哑光饰面或高光三价钝化处理。此外，塑料涂层及塑料注塑件可按需提供多种配色方案。

Besides the standard version, other materials or grades can be supplied on request. At extra cost, different surface finishes such as matt or high-gloss trivalent passivated for steel parts, can be provided. Furthermore, other colour variants are available on request for plastic coatings or plastic injection-moulded parts.

限制有害物质指令 / 化学品注册、评估、授权和限制法规 / 持久性有机污染物法规 RoHS / REACH / POP

HEINRICH KIPP WERK 所供产品均符合 2011/65/EU (含 2015/863/EU) 指令。例外情况详见负面清单。严格遵循欧盟化学品注册、评估、授权和限制法规要求，我们仅使用完成注册的物质与混合物，满足附录 XIV 授权管控要求，遵守附录 XVII 的使用限制，且不含欧盟 2019/1021 持久性有机污染物法规管控物质。

HEINRICH KIPP WERK supplies products that conform to the 2011/65/EU (incl. 2015/863/EU) directive. For exceptions, see the negative list. In accordance with REACH, we only use substances and mixtures that are registered, that fulfil the requirements of appendix XIV for authorisation and comply with the application-related restrictions according to appendix XVII, and that are not part of (EU) 2019/1021 (POP Regulation).

定制化解决方案 CUSTOMISED SOLUTIONS

汇聚一体化制造核心技术
Concentrated
manufacturing expertise

HEINRICH KIPP WERK具备雄厚完备的生产配套能力。可依据客户个性化技术参数要求，随时定制生产各类组合组件与非标单件产品，生产规模灵活适配，涵盖单件定制至大批量量产全范围需求。

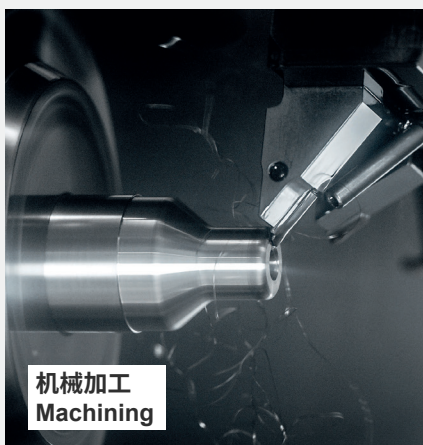
HEINRICH KIPP WERK has extensive production resources. This means that assemblies and individual parts can be realised at any time as customised solutions based on individual customer specifications - with batch sizes ranging from 1 to large-scale production.

本厂加工车间配备金属切削、注塑成型及锌合金压铸设备。专属研发部门与模具制造车间，确保特殊项目实现专业化落地交付。可提供成品整装交付服务，并按需定制指定表面处理工艺。销售技术专员全程跟进各项目全流程，涵盖报价编制、可行性分析直至项目竣工。

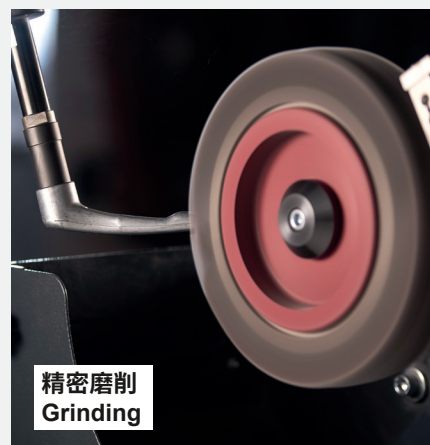
In our machine shop are metal cutting, injection molding and zinc diecasting machines. Our own R&D department and toolmaking workshop ensure a professional outcome for special projects. Fully assembled, and, on request, with a desired surface finish. Sales technicians accompany every single project - from quotation preparation and feasibility analyses through to completion.



研发设计
Development/design



机械加工
Machining



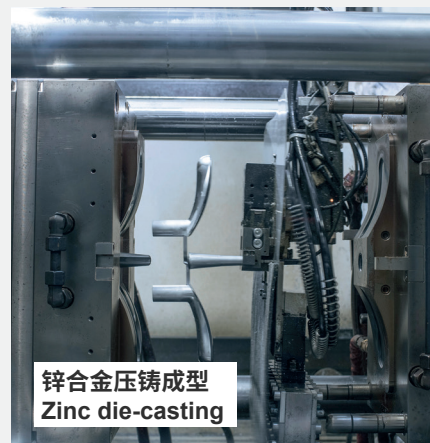
精密磨削
Grinding



模具制造
Toolmaking



注塑成型
Plastic injection moulding



锌合金压铸成型
Zinc die-casting



表面处理工艺
Surface treatment



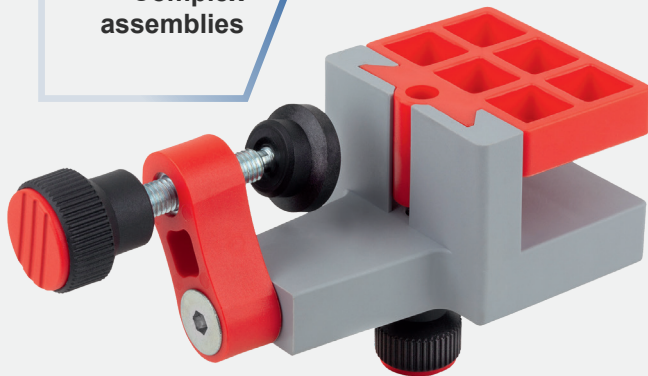
组装
Assembly



物流仓储配套
Logistics

依托KIPP多元化制造技术优势，凭借定制化完善方案，助力客户节约工期、压缩成本。
Benefit from the diversity of KIPP manufacturing expertise and profit from time and cost savings through perfect solutions.

复杂集成组件
Complex
assemblies



定制化操作
部件
Individualised
operating
elements



改制型
标准元件
Modified
standard
elements



定制化解决方案案例 Examples of customised solutions

不锈钢凸轮手柄 Cam lever, stainless steel

项目需求：/ Task:
研发一款内置螺母并配置黄铜止推垫块的不锈钢凸轮手柄。
Develop a stainless steel cam lever with captive nut and brass thrust pad.

解决方案：/ Solution:
采用不锈钢精密模铸造工艺制作凸轮手柄，搭配两件车铣加工零部件，分别为不锈钢螺纹销与黄铜止推垫块。
Investment cast stainless steel cam lever in conjunction with two turned/milled parts: one stainless steel threaded pin and one brass thrust pad.

客户效益：/ Customer benefit:
凸轮手柄闭合时可进一步提升螺母锁紧力，实现无工具手动作业。
The tightening force of the nut is additionally increased when the cam lever is closed - and work can be carried out tool-free.



迷你型夹紧手柄 Clamping lever, mini

项目需求：/ Task:
依据客户专项设计规范，定制研发塑料材质夹紧手柄。
Development of a plastic clamping lever according to the customer's specific design specifications.

解决方案：/ Solution:
定制开发专用塑料注塑模具，成型特制夹紧手柄。
Production of a customised plastic injection mould to produce the clamping lever shape.

客户效益：/ Customer benefit:
全新设计优化操作体验——夹紧手柄采用客户企业专属外观定制设计。
User friendly clamping with the new design - Clamping lever in our customer's corporate design.



不锈钢螺钉 Stainless steel screw

项目需求：/ Task:
结合客户实际使用需求，对不锈钢螺钉进行升级改造。
Further development of a stainless steel screw according to customer requirements.

解决方案：/ Solution:
带定心锥与固定式止推垫圈的一体化不锈钢螺钉。
Stainless steel screw with centring cone and captive thrust washer.

客户效益：/ Customer benefit:
提升螺钉耐腐蚀性能，同时简化部件装配流程。
More corrosion-resistant screw and simplified assembly of components.



KIPP行业专业 实力! KIPP INDUSTRY EXPERTISE!

聚焦个性化需求。
Individual requirements.
定制化专属方案。
Tailor-made solutions.

KIPP标准元件与操作部件广泛应用于各类工业及商业领域。依托包装等多行业深耕积淀的专项技术经验，为各领域客户提供专业化支持。作为众多行业的研发合作伙伴，KIPP可按照客户要求量身打造定制化方案，涵盖从人体工学操作部件至复杂功能总成的各类产品。

Standard and operating parts from KIPP can be found in almost all industrial and commercial sectors. Our customers benefit from our industry-specific expertise over a wide range of industries, such as the packaging sector and many more. As a development partner for numerous branches, KIPP can realise tailor-made solutions - from ergonomic operating elements to complex functional assemblies according to customer specifications.



机械制造
Machine construction



金属加工
Metalworking



康复运动设备
Rehab / Sport



包装行业
Packaging industries



食品行业
Foodstuff industries



木工制造
Carpentry



汽车行业
Automotive industries

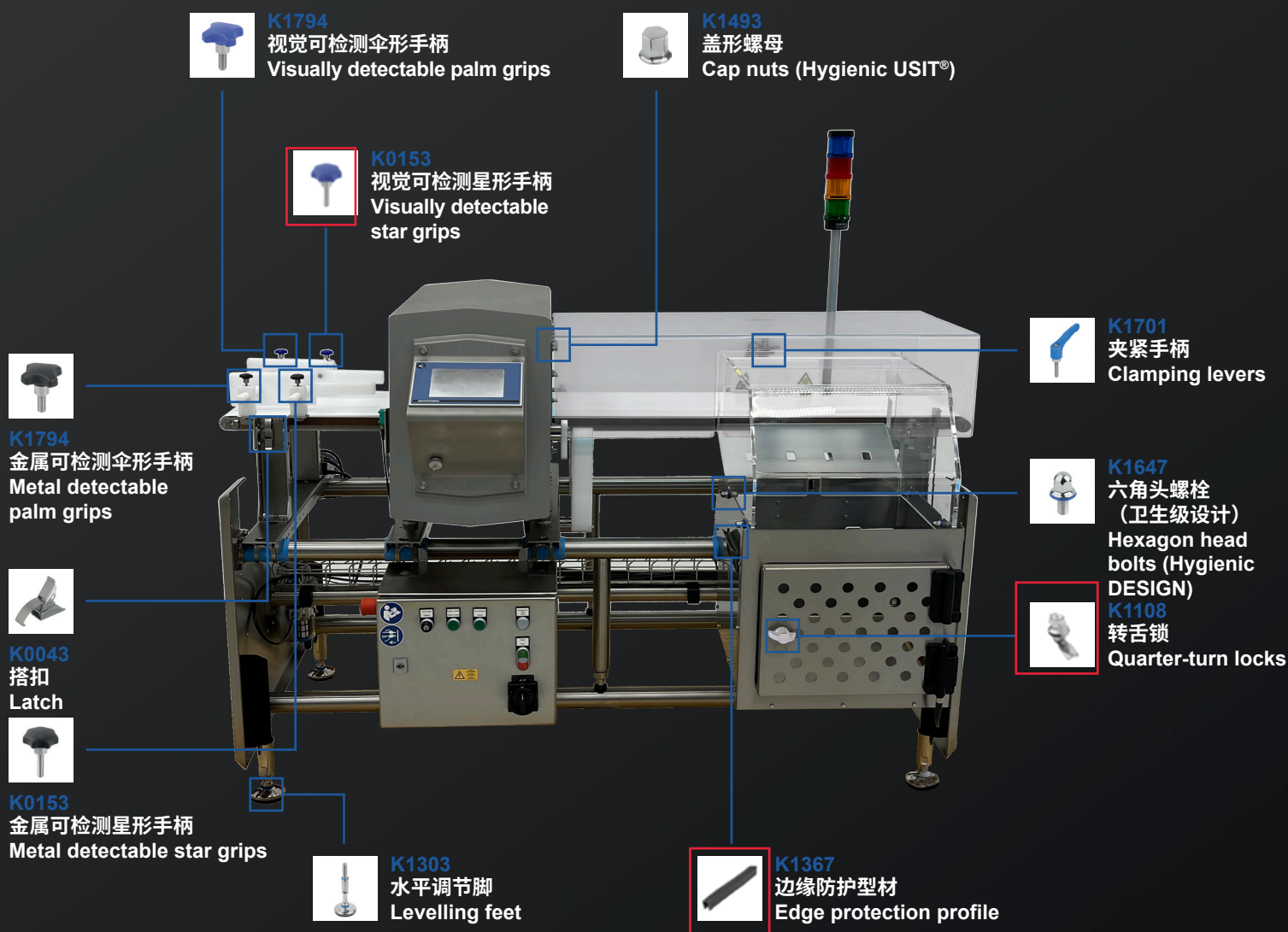


医疗技术
Medical technology



建筑行业
Construction industry

应用实例 APPLICATION EXAMPLE



探索多元应用场景。
Discover applications.
体验定制解决方案。
Experience solutions.

全球各类机械设备中均广泛使用我方标准元件与操作部件。产品运行稳定精密，具备优异耐久性能。依托企业多年行业积淀、专业技术咨询服务及定制化解决方案提供能力，为客户赋能。我们将携手合作，为您的特殊应用场景量身打造适配的技术方案。

Our standard and operating parts can be found in countless machines and equipment all over the world. They work reliably, precisely and are durable. Benefit from our many years of experience, sound technical advice and the ability to realise individual customised solutions. Together we will find a technical solution for your specific application.



操作部件/标准元件 OPERATING PARTS / STANDARD ELEMENTS

产品总览

PRODUCT OVERVIEW

夹紧手柄

Clamping levers



产品规格:

Product versions:

螺纹规格:	M3 - M20, #6-32 - 5/8-11
Thread Ø:	M3 - M20, #6-32 - 5/8-11
固定类型:	内螺纹、外螺纹、铰制孔、四方孔
Fastening type:	internal thread, external thread, reamed hole, square socket
螺纹长度:	6 - 90 mm
Thread length:	6 - 90 mm
螺纹深度:	6 - 33 mm
Thread depth:	6 - 33 mm
手柄长度:	22 - 110 mm
Grip length:	22 - 110 mm
材料:	碳钢、不锈钢、压铸铝、工程塑料
Materials:	steel, stainless steel, die-cast zinc, plastic
款式类型:	带按压按钮、带防护帽、带加长轴肩、扁平款、带安全防护功能、双组份材质、经济型、配置止推垫块、固定式、带夹紧力增强装置
Versions:	with push button, with protective cap, with extended collar, flat, with safety function, 2-component, ECO, with thrust pad, non-adjustable, with clamping force intensifier
表面处理:	光亮饰面、塑料喷涂、高光镀铬、高光抛光、锤纹烤漆
Finishes:	bright, plastic-coated, high-gloss chrome-plated, high-gloss polished, hammer tone enamelled
可选配色:	黑色、灰色、红色、绿色、黄色、蓝色、橙色、银色
Colours:	black, grey, red, green, yellow, blue, orange, silver



产品说明:

Product description:

夹紧手柄适用于人工定位调节、锁紧固定及各类夹紧作业场景。该类产品体系丰富完整，拥有多元化设计款式、材质类型及配色方案。此类经典通用构件可广泛适配各类工况场景。核心适用领域为机械设备制造、成套装置搭建及工装模具加工行业。

Clamping levers are intended for manual alignment with fixation tasks and clamping applications. There is a lot of variation in this product group due to the range of designs, materials and colours available. These classic elements can be used in a wide variety of applications. However, they are most suitable for machine and plant construction, and in toolmaking.

张力手柄/扁平式张力手柄

Tension levers / flat tension levers



产品规格:

Product versions:

螺纹规格:	M6 - M42, 5/16-18 - 3/4-10
Thread Ø:	M6 - M42, 5/16-18 - 3/4-10
螺纹类型:	内螺纹、外螺纹
Thread type:	internal thread, external thread
螺纹长度:	15 - 90 mm
Thread length:	15 - 90 mm
螺纹深度:	14 - 27 mm
Thread depth:	14 - 27 mm
材料:	不锈钢、碳钢
Materials:	stainless steel, steel
款式类型:	安全防护结构、扁平款式
Versions:	safety function, flat
表面处理:	光亮饰面、塑料喷涂、发黑氧化
Finishes:	bright, plastic-coated, black oxidised
可选配色:	黑色、银色
Colours:	black, silver



产品说明:

Product description:

张力手柄适用于需要高强度夹紧力与高结构强度产品的夹紧作业。螺纹嵌件具备多种类型与规格尺寸可供选择。张力手柄广泛应用于机械制造与设备工程领域。

Tension levers are used for clamping tasks where high clamping forces and robust products are required. The threaded insert is available in various types and sizes. Tension levers are used in machine and plant construction.

凸轮手柄 Cam levers



产品规格： Product versions:

螺纹规格：	M3 - M10, #6-32 – 3/8-16
Thread Ø:	M3 - M10, #6-32 – 3/8-16
螺纹类型：	内螺纹、外螺纹
Thread type:	internal thread, external thread
螺纹长度：	10 - 50 mm
Thread length:	10 - 50 mm
高度参数：	13 - 29 mm
Height:	13 - 29 mm
手柄长度：	22 - 96 mm
Grip length:	22 - 96 mm
夹紧力：	0.5 - 8 kN
Clamping force:	0.5 - 8 kN
材料：	不锈钢、碳钢、工程塑料、铸铝
Materials:	stainless steel, steel, plastic, cast aluminium
款式类型：	可调节式、快速锁紧件、弹性紧固组件
Versions:	adjustable, quick-release fastener, elastomer fastener
表面处理：	光亮饰面、粉末喷涂、电解抛光、喷砂处理
Finishes:	bright, powder-coated, electropolished, abrasive blasted
可选配色：	黑色、红色、银色
Colours:	black, red, silver



产品说明： Product description:

凸轮手柄是快速锁紧固定工况的理想选用配件。该类产品提供多种材质与配色方案。普遍应用于机械制造、设备搭建、模具加工、医疗及康复设备领域。
Cam levers are ideal for quick fixation. The products are available in various materials and colours. They are used in machine and plant construction, in toolmaking, and in medical and rehabilitation technology.

滚花螺母/滚花螺钉/滚花旋钮 Knurled nuts / knurled screws / knurled knobs



产品规格： Product versions:

螺纹规格：	M3 - M12, #8 - 1/2
Thread Ø:	M3 - M12, #8 - 1/2
螺纹类型：	内螺纹、外螺纹
Thread type:	internal thread, external thread
螺纹长度：	10 - 60 mm
Thread length:	10 - 60 mm
螺纹深度：	5 - 22 mm
Thread depth:	5 - 22 mm
外径尺寸：	12 - 63 mm
Outside diameter:	12 - 63 mm
材料：	不锈钢、易切削钢、淬火回火钢、热塑性塑料、热固性塑料、生物聚合物（榉木材质）、铝合金
Materials:	stainless steel, free-cutting steel, Q&A steel, thermoplastic, thermoset, biopolymer (beech), aluminium
款式类型：	快速夹紧功能、扁平款、加高款、低矮款、防静电、金属可探测、视觉可探测、螺钉专用
Versions:	quick-clamp function, flat, high, low, antistatic, metal detectable, visually detectable, for screws
表面处理：	光亮饰面、发黑氧化
Surfaces:	bright, black oxidised
可选配色：	黑色、灰色、红色、绿色、黄色、蓝色、橙色、银色
Colours:	black, grey, red, green, yellow, blue, orange, silver



产品说明： Product description:

螺母、螺钉及滚花旋钮尤为适用于人工定位与夹紧作业。可实现顺畅便捷的无工具装配操作。多样的结构款式、螺纹规格与材质选型，可全面适配机械制造、设备工程及模具加工领域的各类应用场景。
Nuts, screws and knurled knobs are particularly suitable for manual positioning and clamping. They enable smooth, tool-free assembly. The various designs, thread sizes and materials can be used in a whole host of applications in machine and plant construction as well as toolmaking.

产品总览

PRODUCT OVERVIEW

伞形手柄/星形手柄/夹紧手柄

Palm grips / star grips / clamping grips



产品规格:

Product versions:

螺纹规格:	M4 - M20, #10 - 1/2
Thread Ø:	M4 - M20, #10 - 1/2
固定类型:	外螺纹、内螺纹、通孔、盲孔、扩孔螺纹
Fastening type:	external thread, internal thread, through hole, blind hole, drilled-out thread
螺纹长度:	10 - 60 mm
Thread length:	10 - 60 mm
螺纹深度:	7.5 - 36 mm
Thread depth:	7.5 - 36 mm
外部直径:	25 - 105 mm
Outside Ø:	25 - 105 mm
材料:	铝合金、不锈钢、灰铸铁、热固性塑料、热塑性塑料、生物聚合物、玻璃纤维增强塑料
Materials:	aluminium, stainless steel, grey cast iron, thermoset, thermoplastic, biopolymer, fibreglass reinforced plastic
款式类型:	端盖、铰制衬套、快速释放功能、高轴肩、加长轮毂、安全拉索、抗菌材质、扁平结构、加高结构、软质款、人体工学设计、攻牙衬套、钢制凸台衬套、金属可探测、视觉可探测、夹紧力增强型
Versions:	cap, reamed bush, quick-release function, high collar, extended hub, safety cable, antibacterial, flat, high, soft, ergonomic, tapped bush, with protruding steel bush, metal detectable, visually detectable, with clamping force intensifier
表面处理:	光亮饰面、精磨加工、精磨抛光、喷砂处理
Finishes:	bright, ground, ground and polished, abrasive blasted
可选配色:	黑色、岩灰色、浅灰色、红色、黄色、银色、蓝色
Colours:	black, slate grey, light grey, red, yellow, silver, blue



产品说明:

Product description:

夹紧手柄、星形手柄与伞形手柄主要用作手动作业的限制固定与锁紧构件。人体工学设计为此类产品的核心特性之一。产品具备多种材质、规格与造型选型，可广泛应用于机械制造、化工工业等诸多领域。

Clamping grips, star grips and palm grips are primarily used as retaining and fastening elements for manual tasks. An ergonomic design is among the key features of these products. They come in a range of different materials, sizes and shapes, allowing them to be used in applications such as machine construction and the chemical industry.

旋钮

Knobs



产品规格:

Product versions:

螺纹规格:	M2-M12, #2 - 3/8
Thread Ø:	M2-M12, #2 - 3/8
螺纹类型:	外螺纹、内螺纹
Thread type:	external thread, internal thread
螺纹长度:	10-20 mm
Thread length:	10-20 mm
螺纹深度:	4-20 mm
Thread depth:	4-20 mm
外径尺寸:	14-63 mm
Outside diameter:	14-63 mm
材料:	碳钢、不锈钢、铝合金、热塑性塑料、生物聚合物 (榉木材质)
Materials:	steel, stainless steel, aluminium, thermoplastic, biopolymer (beech)
款式类型:	防静电、抗菌、高轴肩、低轴肩、Hygienic USIT® 卫生级标准
Versions:	antistatic, antibacterial, high collar, low collar, Hygienic USIT®
表面处理:	光亮饰面、精磨抛光、喷砂处理、电镀锌蓝钝、阳极氧化
Surfaces:	bright, ground and polished, blasted, electro zinc-plated and blue passivated, anodised
可选配色:	黑色、红色、黄色、浅灰色、深灰色、岩灰色、石墨黑
Colours:	black, red, yellow, light grey, dark grey, slate grey, graphite black



产品说明:

Product description:

操控旋钮可作为夹紧、限位及紧固构件使用。产品拥有多种结构款式与螺纹规格。旋钮主要用于各类组合装置、机械设备及机组组件的手动调节作业。

Knobs can be used as a clamping, retaining and fastening element. They are available in various designs and thread sizes. Knobs are primarily used for manually adjusting assemblies, machines or aggregates.

蝶形手柄、T型手柄、手柄螺母、手柄螺钉 Wing grips / T-grips / grip nuts / grip screws



产品规格： Product versions:

螺纹规格：	M3-M12, #8 - 3/8
Thread Ø:	M3-M12, #8 - 3/8
螺纹类型：	外螺纹、内螺纹
Thread type:	external thread, internal thread
手柄长度：	22-90 mm
Grip length:	22-90 mm
螺纹长度：	8-50 mm
Thread length:	8-50 mm
材料：	不锈钢、聚酰胺、热塑性塑料、碳钢、生物聚合物（榉木材质）
Materials:	stainless steel, polyamide, thermoplastic, steel, biopolymer (beech)
款式类型：	单侧结构、螺钉专用、抗菌、防静电、Hygienic USIT®卫生级标准、卫生级设计、金属可探测、视觉可探测
Versions:	one-sided, for screws, antibacterial, antistatic, Hygienic USIT®, Hygienic DESIGN, metal detectable, visually detectable
表面处理：	光亮饰面、精磨加工、精磨抛光、喷砂处理
Surfaces:	bright, ground, ground and polished, abrasive blasted
可选配色：	黑色、灰色、红色、绿色、黄色、蓝色、白色、银色、岩灰色、石墨黑
Colours:	black, grey, red, green, yellow, blue, white, silver, slate grey, graphite black



产品说明： Product description:

蝶形手柄、T型手柄、手柄螺母与手柄螺钉，广泛用作各类工况下的夹紧、限位及紧固构件。其为机械与设备制造领域的标准元件，适用于组合装置、机械设备及机组的手动操控部件。

Wing grips and T-grips as well as grip nuts and screws are used as clamping, retaining and fastening elements in various applications. They are standard elements in machine and plant construction and function as manual controls on assemblies, machines or aggregates.

球头旋钮/球形旋钮 Ball knobs / spherical knobs



产品规格： Product versions:

螺纹规格：	M4 - M12, #8 - 1/2
Thread Ø:	M4 - M12, #8 - 1/2
螺纹类型：	外螺纹、内螺纹
Thread type:	external thread, internal thread
螺纹长度：	10-40 mm
Thread length:	10-40 mm
螺纹深度：	6-23 mm
Thread depth:	6-23 mm
外径尺寸：	16-50 mm
Outside diameter:	16-50 mm
材料：	热固性塑料、热塑性塑料、不锈钢、铝合金、生物聚合物（榉木材质）
Materials:	thermoset, thermoplastic, stainless steel, aluminium, biopolymer (beech)
款式类型：	可旋转结构、内置攻牙衬套
Versions:	rotating, tapped bush
表面处理：	光亮饰面、抛光处理
Surfaces:	bright, polished
可选配色：	黑色、灰色、红色、黄色、蓝色、橙色、银色
Colours:	black, grey, red, yellow, blue, orange, silver



产品说明： Product description:

球头旋钮和球形旋钮主要承担夹紧、限位与紧固功能。旋钮主要用于各类组合装置、机械设备及机组组件的手动调节作业。

Ball knobs and spherical knobs are used as clamping, retaining and fastening elements. They are primarily used for manually adjusting assemblies, machines or aggregates.

产品总览

PRODUCT OVERVIEW

扭矩手柄

Torque grips



产品规格:

Product versions:

螺纹规格:	M5–M12
Thread Ø:	M5–M12
螺纹类型:	外螺纹、内螺纹
Thread type:	external thread, internal thread
螺纹长度:	30–60 mm
Thread length:	30–60 mm
螺纹深度:	5–13 mm
Thread depth:	5–13 mm
外径尺寸:	26–80 mm
Outside diameter:	26–80 mm
材料:	热塑性塑料
Materials:	thermoplastic
可选配色:	黑色、灰色、红色、黄色、蓝色、橙色
Colours:	black, grey, red, yellow, blue, orange

产品说明:

Product description:

扭矩手柄同样可作为夹紧、限位及紧固构件投入使用。旋钮主要用于各类组合装置、机械设备及机组组件的手动调节作业。依据不同款式，扭矩达标可通过卡扣声响或空转形式进行提示。

Torque grips can also be used as clamping, retaining and fastening elements. They are primarily used for manually adjusting assemblies, machines or aggregates. Depending on the version, the torque is signalled via clicking or free turning.

手柄

Handles



产品规格:

Product versions:

螺纹:	M6 - M12
Thread:	M6 - M12
螺纹类型:	外螺纹
Thread type:	external thread
手柄材质:	热固性塑料
Grip materials:	thermoset
连杆材质:	碳钢、不锈钢
Rod materials:	steel, stainless steel
表面处理:	发黑氧化、蓝色钝化、光亮饰面
Finishes:	black oxidised, blue passivated, bright

产品说明:

Product description:

手柄配备多种握柄样式与规格长度以供选型。
Handles are available with various grip types and lengths.

拉手/拱形拉手 Pull handles / pull handles, arch



产品规格:

Product versions:

安装孔径:	Ø 5.5 - Ø 9 mm / M3 - M12
Fastening hole:	Ø 5.5 - Ø 9 mm / M3 - M12
孔距规格:	17 - 600 mm
Hole pitch:	17 - 600 mm
长度:	35 - 624 mm
Length:	35 - 624 mm
承载载荷:	300 - 3,700 N
Load capacity:	300 - 3,700 N
材料:	不锈钢、铝合金、热塑性塑料、热塑性弹性体、球墨铸铁、热固性塑料、聚丙烯、碳钢
Materials:	stainless steel, aluminium, thermoplastic, SEBS, GJS, thermoset, PP, steel
款式类型:	弯角款、内侧软质、耐高温、抗菌、防静电、含/不含端盖、含/不含底座、斜置式、椭圆型、圆形、可折叠、内置螺纹嵌件、单侧锁装、紧凑型、可调节、Hygienic USIT®卫生级标准、金属可探测、视觉可探测
Versions:	angled, soft inner face, high-temperature resistant, antibacterial, antistatic, with/without end cap, with/without baseplate, oblique, oval, round, fold-down, threaded insert, screw-on from one side, compact, adjustable, Hygienic USIT®, metal detectable, visually detectable
表面处理:	光亮饰面、喷砂处理、抛光处理、阳极氧化、精磨加工、镀铬处理
Finishes:	bright, abrasive blasted, polished, anodised, ground, chromed
可选配色:	黑色、灰色、红色、绿色、黄色、蓝色、橙色、银色
Colours:	black, grey, red, green, yellow, blue, orange, silver



产品说明:

Product description:

拉手适用于各类盖板、面板及防护罩的启闭操作。产品触感优良、结构稳固耐久，且采用人体工学设计，为本品核心优势特质。全系产品拥有丰富规格尺寸、外形款式、材质类型及配色方案。

Pull handles are particularly suitable for opening and closing covers, panels or hoods. What makes ours special is the fact that they have good haptics, are exceptionally stable and have an ergonomic design. The product range offers a variety of sizes, shapes, materials and colours.

管状手柄 Tubular handles



产品规格:

Product versions:

安装孔径:	Ø 6 - Ø 11 mm / M4 - M12
Fastening hole:	Ø 6 - Ø 11 mm / M4 - M12
孔距规格:	55 - 1,000 mm
Hole pitch:	55 - 1,000 mm
长度:	67 - 1,040 mm
Length:	67 - 1,040 mm
承载载荷:	200 - 1,000 N
Load capacity:	200 - 1,000 N
材料:	不锈钢、铝合金、工程塑料
Materials:	stainless steel, aluminium, plastic
款式类型:	弯角式、含/不含密封端盖、含/不含安装底座、斜向式、椭圆型、圆形、螺丝头沉孔、内置螺纹嵌件、紧凑型、可调节式
Versions:	angled, with/without cover cap, with/without baseplate, oblique, oval, round, screw head counterbore, threaded insert, compact, adjustable
表面处理:	喷砂处理、抛光处理、阳极氧化、精磨加工、粉末喷涂
Finishes:	abrasive blasted, polished, anodised, ground, powder coated
可选配色:	黑色、红色、银色
Colours:	black, red, silver



产品说明:

Product description:

管状手柄握持舒适、抓握便捷，可实现轻松操控。管状手柄由握管构成，多数型号配套两支连接支脚。

Tubular handles offer easy and comfortable handling as they are easy to grip and hold onto. A tubular handle consists of a grip tube and, in most cases, two grip legs.

产品总览

PRODUCT OVERVIEW

平直手柄

Ledge handles



产品规格:

Product versions:

安装孔径:	M4 - M8
Fastening hole:	M4 - M8
孔距规格:	30 - 120 mm
Hole pitch:	30 - 120 mm
承载载荷:	200 - 1,000 N
Load capacity:	200 - 1,000 N
材料:	铝合金、不锈钢
Materials:	aluminium, stainless steel
表面处理:	阳极氧化、抛光处理
Finishes:	anodised, polished
可选配色:	黑色、银色
Colours:	black, silver

产品说明:

Product description:

平直手柄适配场景广泛，主要用作盖板、面板与检修口的启闭操作部件。产品具备多种结构型号、外观样式及材质规格。平直手柄广泛应用于机械制造、成套设备工程及模具加工领域。

Ledge handles are extremely versatile and are used as elements for opening and closing covers, panels and hatches. They are available in various versions, designs and materials. Ledge handles are used in machine and plant construction as well as toolmaking.

嵌入式手柄/嵌入式折叠拉手

Recessed handles / recessed fold-down handles



产品规格:

Product versions:

长度:	90 - 170 mm
Length:	90 - 170 mm
高度参数:	40 - 79 mm
Height:	40 - 79 mm
承载载荷:	250 - 1,000 N
Load capacity:	250 - 1,000 N
材料:	铝合金、不锈钢、热塑性塑料、聚酰胺
Materials:	aluminium, stainless steel, thermoplastic, polyamide
款式类型:	可折叠式、卡扣嵌入式
Versions:	fold-down, clip-in
表面处理:	阳极氧化、光亮饰面、抛光处理
Finishes:	anodised, bright, polished
可选配色:	黑色、浅灰色、银色
Colours:	black, light grey, silver

产品说明:

Product description:

嵌入式手柄凭借人性化结构设计，安装便捷高效。折叠式款式安装深度小，可适配狭窄安装空间。嵌入式手柄拥有多种结构型号与配色方案。嵌入式折叠手柄尤为适用于箱体与盖板构件。

Recessed handles can be installed quickly and easily due to their ergonomic shape. The fold-down version enables installation even in places where only a shallow installation depth is available. Recessed handles are available in a range of versions and colours. Recessed fold-down handles are ideally suited to crates and lids.

功能型手柄 Function grips



产品规格： Product versions:

安装孔径：	8.5 / M6
Mounting hole Ø:	8.5 / M6
孔距规格：	160 - 320 mm
Hole pitch:	160 - 320 mm
承载载荷：	1,000 N
Load capacity:	1,000 N
握柄材质：	碳钢、工程塑料
Grip material:	steel, plastic
款式类型：	带电气开关功能、带锁定装置
Versions:	with electrical switch function, with locking unit

产品说明： Product description:

电控功能握柄融合人体工学设计与集成控制技术。可通过握柄直接触发电气控制信号。带锁定装置的握柄可将抽屉锁定于开启与闭合两种状态。
Grips with electric switch function combine ergonomic design with integrated control technology. They permit electrical signals to be triggered directly from the grip. The grip with locking unit can lock drawers in both the closed and open positions.

手轮 Handwheels



产品规格： Product versions:

固定基座：	四方孔对边宽度5至9mm，孔径8至40mm及0.312英寸至1英寸，带键槽铰制孔孔径8至40mm
Holder:	square socket SW 5 - 9 mm, bore Ø 8 - 40 mm and 0.312" - 1", reamed hole with keyway Ø 8 - 40 mm
外部直径：	40 - 500 mm
Outside Ø:	40 - 500 mm
材料：	铝合金、热固性塑料、热塑性塑料、灰铸铁、聚酰胺、薄钢板、不锈钢
Materials:	aluminium, thermoset, thermoplastic, grey cast iron, polyamide, sheet steel, stainless steel
款式类型：	旋转式/固定式/无握柄、直辐轮缘、预钻孔、铰制孔、折叠握柄、安全圆筒握柄、带槽结构、无槽结构
Versions:	rotating / fixed / without grip, straight wheel rim, pre-drilled, reamed hole, fold-down grip, safety cylinder grip, with slot, without slot
表面处理：	光亮饰面、抛光处理、塑料喷涂、喷砂处理
Finishes:	bright, polished, plastic-coated, abrasive blasted
可选配色：	黑色、黑灰色、绿色、红色、黄色、蓝色、银色
Colours:	black, black-grey, green, red, yellow, blue, silver

产品说明： Product description:

手轮用于人工完成转轴与丝杆的定位调节作业。主要作为机械设备与成套装置的操控构件。同时适用于液压及蒸汽机组的阀门启闭控制。
Handwheels are used to position and adjust shafts and spindles manually. They are predominantly used as control elements in machine and plant construction. They are also suitable for opening and closing valves in hydraulic and steam aggregates.

产品总览

PRODUCT OVERVIEW

手轮专用握柄

Grips for handwheels



产品规格:

Product versions:

螺纹规格:	M4-M16, 1/4-20 - 5/16-18
Thread Ø:	M4-M16, 1/4-20 - 5/16-18
螺纹类型:	内螺纹、外螺纹
Thread type:	internal thread, external thread
螺纹长度:	6-27 mm
Thread length:	6-27 mm
螺纹深度:	4.5-30 mm
Thread depth:	4.5-30 mm
材料:	碳钢、不锈钢、铝合金、热固性塑料、热塑性塑料
Materials:	steel, stainless steel, aluminium, thermoset, thermoplastic
款式类型:	固定式圆筒握柄、旋转式、折叠式、安全自动复位式、椭圆式、锥形握柄、机床手柄、一体成型螺纹
Versions:	fixed cylinder grips, rotating, fold-down, safety auto-return, oval, taper grips, machine handles, moulded thread
表面处理:	光亮饰面、电镀锌蓝钝、抛光处理
Surfaces:	bright, electro zinc-plated and blue passivated, polished
可选配色:	黑色、银色
Colours:	black, silver



产品说明:

Product description:

机床拉手、圆筒握柄、锥形握柄及球形握柄可广泛适配各类应用场景。
Machine handles, cylinder grips, taper grips and ball grips are used in a wide variety of applications.

产品规格:

Product versions:



产品规格:

Product versions:

定位孔径:	Ø 10 - Ø 30 mm
Locating hole:	Ø 10 - Ø 30 mm
宽度尺寸:	22 - 48 mm
Width:	22 - 48 mm
高度参数:	33 - 71 mm
Height:	33 - 71 mm
长度:	26 - 38.8 mm
Length:	26 - 38.8 mm
壳体材质:	塑料
Housing materials:	plastic
空心轴:	碳钢、不锈钢
Hollow shafts:	steel, stainless steel
款式类型:	可编程型、常规非编程型
Versions:	programmed, not programmed
可选配色:	橙色、黑色
Colours:	orange, black
配件:	安装固定板、变径衬套、磁性条、位置指示器、磁性传感器、手轮、控制旋钮、变径衬套、空心轴传感器、中间连接板
Accessories:	mounting plates, reducer sleeves, magnetic strips, position indicators, magnetic sensors, handwheels, control knobs, reducer sleeves, hollow shaft sensors, intermediate plates



产品说明:

Product description:

位置指示器可实现行程距离的精准测量。产品结构紧凑，测量精度优异。尤其适用于小直径轴类构件的工况环境。位置指示器分为机械式与数字式两大类型。
Position indicators enable the precise measurement of the travel path. Despite their small size, they are extremely precise. They are especially suitable for small shaft diameters. Position indicators are available as either mechanical or digital indicators.

曲柄手柄 Crank handles



产品规格: Product versions:

类型:	旋转手柄、固定手柄、折叠手柄、安全手柄
Type:	rotating grip, fixed grip, fold-down grip, safety grip
固定基座:	四方孔对边宽度8至22mm, 孔径8至17mm及0.375英寸至0.5英寸, 带键槽铰制孔孔径8至14mm
Holder:	square socket SW 8 - 22 mm, bore Ø 8 - 17 mm and 0.375" - 0.5", reamed hole with keyway Ø 8 - 14 mm
材料:	铝合金、不锈钢、热塑性塑料、铸铁
Materials:	aluminium, stainless steel, thermoplastic, cast iron
表面处理:	光亮饰面、电镀锌处理、喷砂处理、塑料喷涂
Finishes:	bright, electro zinc-plated, abrasive blasted, plastic-coated
可选配色:	黑色、银色
Colours:	black, silver
标准:	参照DIN 468、DIN 469规范设计
Standard:	similar to DIN 468, similar to DIN 469

产品说明: Product description:

曲柄手柄为长行程调节作业的优选配件。可通过横向销钉或内六角螺钉实现轴向或径向紧固安装。
Crank handles are highly recommended for longer travel paths. They are fastened axially or radially using cross-pinning or a socket head screw.

转舌锁 Quarter-turn locks



产品规格: Product versions:

操作端:	四方型、三角型、双扁位型、开槽型、旋钮型、双耳型、键控型、T型手柄、L型手柄、星形手柄、消防锁扣型
Actuators:	square, triangular, double flat, slit, knob, double lug, key, T-grip, L-grip, star grip, fireman's lock
壁厚参数:	1.5 - 50 mm
Wall thickness:	1.5 - 50 mm
高度参数:	13.5 - 60 mm
Height:	13.5 - 60 mm
材料:	压铸锌合金、碳钢、不锈钢、工程塑料
Materials:	die-cast zinc, steel, stainless steel, plastic
款式类型:	小型/加长款、可锁定式、阶梯凸轮式、可变压紧式、扁平式、空转型、卫生级设计款
Versions:	small/long version, lockable, stepped cam, variable compression, flat, free-turning, Hygienic DESIGN
表面处理:	镀铬处理、粉末喷涂、光亮饰面、抛光处理、塑料喷涂
Finishes:	chromed, powder coated, bright, polished, plastic coated
可选配色:	黑色、红色、银色
Colours:	black, red, silver

产品说明: Product description:

转舌锁适用于检修口、控制柜、钢制柜体及设备柜门的闭锁工况。产品结构坚固耐用, 可选配锁芯结构。广泛应用于控制柜制造、各类运输领域及后勤服务车辆设备。可根据使用需求, 以预装总成形式完成转舌锁安装作业。多数锁舌构件可与其他转舌锁灵活组合适配。
Quarter-turn locks are locks for hatches, control cabinets, steel cabinets and machine doors. They are sturdy and have an optional cylinder lock. They are used in control cabinet construction, in all transport sectors, as well as in service and logistics vehicles. If required, quarter-turn locks can be installed pre-assembled. In most cases, the tongues can be flexibly combined with other quarter-turn locks.

产品总览

PRODUCT OVERVIEW

转舌锁配件

Accessories for quarter-turn locks



产品规格:
Product versions:

锁舌长度:	24 - 51 mm
Tongue length:	24 - 51 mm
锁舌间距:	4 - 74 mm
Tongue spacing:	4 - 74 mm
材料:	热塑性塑料、压铸锌合金、碳钢、不锈钢
Materials:	thermoplastic, die-cast zinc, steel, stainless steel
款式类型:	防尘帽、开启手柄、专用钥匙、锁舌
Versions:	dust cap, opening grip, key, tongue
表面处理:	光亮饰面、镀铬处理、镀镍处理、电镀锌
Finishes:	bright, chromed, nickel-plated, electro zinc- plated

产品说明:
Product description:

转舌锁、边缘防护型材与密封型材品类齐全，并配套防尘帽、开启握柄、钥匙、限位搭扣及锁舌等附件，按需为设备提供额外防护性能。
The extensive range of quarter turn locks, edge protection profiles and sealing profiles is supplemented by additional accessories such as dust caps, opening grips, keys, stop latches and tongues, which provide additional protection if required.

旋转手柄

Swivel lever



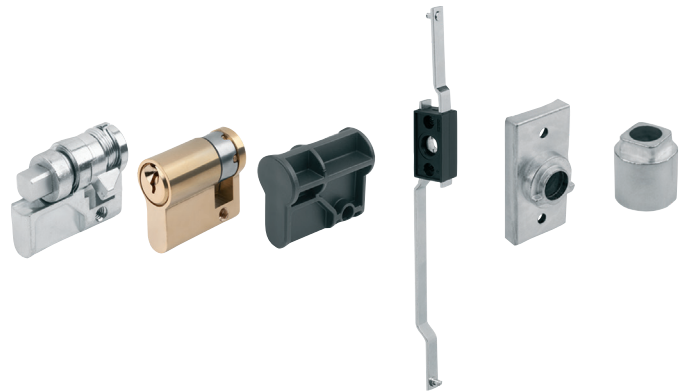
产品规格:
Product versions:

类型:	带型材锁芯、无型材锁芯
Type:	with profile cylinder, without profile cylinder
长度:	164 - 191 mm
Length:	164 - 191 mm
材料:	玻纤增强聚酰胺30材质
Materials:	polyamide GF 30
款式类型:	适配型材锁芯、单键统开系统、独立专属钥匙
Versions:	for profile cylinder, single-key system, individual keys

产品说明:
Product description:

旋转手柄锁为工业柜体常用闭锁机构，广泛应用于控制柜等设备外壳，通过摆杆绕定点旋转实现锁体启闭动作。以此完成柜门的开启与闭合操作。
A swivel grip is a locking system often used on industrial housings such as control cabinets and has a twist lever that rotates around a pivot point to actuate the lock. Thus enabling the doors to be opened and closed.

旋转手柄锁配件 Accessories for swivel grips



产品规格： Product versions:

材料： 锌合金、碳钢、不锈钢、黄铜、工程塑料
Materials: zinc, steel, stainless steel, brass, plastic
款式类型： 转接件、限位件、衬套、扁钢、注塑嵌件、导向件、半圆柱型
材锁芯、圆杆、连杆锁
Versions: adapter, stop, bush, flat bar, moulded insert, guide, profile
half-cylinder lock, round rod, bar lock

产品说明： Product description:

旋转手柄锁配件品类丰富，包含各类连杆与半圆柱型锁芯，可针对不同应用工况提供定制化适配方案。
The extensive range of accessories for swivel grips includes various rods and profile half-cylinder locks so that the appropriate solution for the respective application can be found.

旋转夹紧锁 Quarter-turn clamp lock



产品规格： Product versions:

操作端： 旋钮头、手柄
Actuator: twist knob head, grip
壁厚参数： 6 - 20 mm
Wall thickness: 6 - 20 mm
夹紧力： 最大承载力可达400牛顿
Clamping force: up to 400 N
材料： 碳钢、不锈钢
Materials: steel, stainless steel
旋钮头材质： 工程塑料、不锈钢
Twist knob materials: plastic, stainless steel

产品说明： Product description:

旋转式夹紧锁用作闭锁构件，可快速拆装并固定工装、面板与检修盖板。作为传统旋转锁的实用替代产品，该锁件在机械制造领域实现无工具操作，工作原理与球锁销结构高度相近。
Quarter-turn clamp locks are used as locking elements for quickly and easily replacing and securing fixtures, plates or hatches. As a practical alternative to conventional quarterturn locks, quarter-turn clamp locks act as toolless operating elements in machine construction, where their function method is strongly reminiscent of the ball lock pin.

产品总览

PRODUCT OVERVIEW

边缘防护型材

Edge protection profiles



产品规格:

Product versions:

宽度尺寸:	6 - 12 mm
Width:	6 - 12 mm
高度参数:	8 - 22 mm
Height:	8 - 22 mm
长度:	2,000 - 50,000 mm
Length:	2,000 - 50,000 mm
锁紧行程:	0.5 - 8 mm
Locking range:	0.5 - 8 mm
材料:	聚氯乙烯、三元乙丙橡胶、三元乙丙发泡橡胶、硅橡胶
Materials:	PVC, EPDM, EPDM foam rubber, silicone rubber
款式类型:	带密封结构、无密封结构、符合美国食品药品监督管理局标准
Versions:	with seal, without seal, FDA conform
可选配色:	黑色、蓝色
Colours:	black, blue

产品说明:

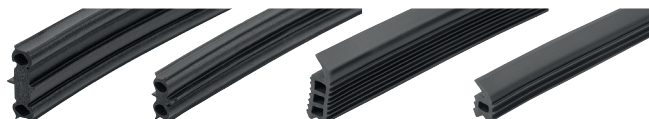
Product description:

边缘防护型材应用于机械制造领域，包覆钣金锐边并起到装饰防护作用。采用手动按压式装配，安装简便高效。无需额外使用胶粘剂或紧固配件。选配三元乙丙发泡橡胶材质，可阻隔水汽、粉尘与杂物，实现密封防护。

Edge protection profiles are used in machine construction to cover and decorate the sharp edges of sheet metal. They are installed quickly and easily by pressing on by hand. No extra adhesive or fastening material is required. The optional EPDM foam rubber also provides a seal against moisture, dust and dirt.

密封型材

Sealing profiles



产品规格:

Product versions:

宽度尺寸:	8.6 - 11 mm
Width:	8.6 - 11 mm
高度参数:	17 - 28 mm
Height:	17 - 28 mm
长度:	2,000 - 40,000 mm
Length:	2,000 - 40,000 mm
夹持范围:	8.6 - 10 mm
Clamping range:	8.6 - 10 mm
材料:	聚氯乙烯、三元乙丙发泡橡胶
Materials:	PVC, EPDM foam rubber
款式类型:	唇边型材、四唇密封型材
Versions:	lip profiles, four-lip profiles
可选配色:	黑色
Colours:	black

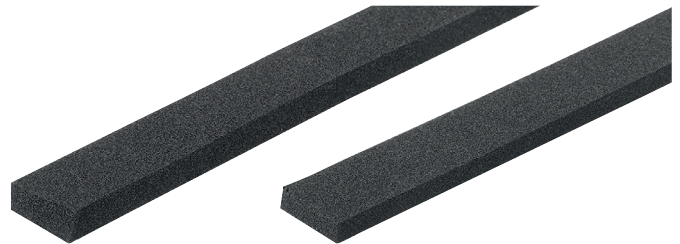
产品说明:

Product description:

密封型材可实现可靠密封，保护构件免受外界环境因素影响。适用于密封槽、卡槽及U型型材的嵌入式装配。广泛应用于开关箱、机械设备、门窗制造、汽车工业及建筑工程领域。

Sealing profiles reliably seal and protect the components from external influences. They are suitable for insertion into sealing channels, slots or U-profiles. The sealing profiles are mainly used in switchboxes, machine and plant construction, window construction, the automotive industry and the construction sector.

自粘式型材 Self-adhesive profiles



产品规格： Product versions:

宽度尺寸：	10 - 20 mm
Width:	10 - 20 mm
高度参数：	3 - 5 mm
Height:	3 - 5 mm
长度：	20,000 mm
Length:	20,000 mm
材料：	氯丁橡胶、三元乙丙橡胶
Materials:	CR, EPDM
款式类型：	发泡橡胶矩形型材
Versions:	cellular rubber rectangular profiles
可选配色：	黑色
Colours:	black

产品说明： Product description:

该类型材普遍用于密封缓冲、减震隔热、隔离防护等工况。产品表层吸水率极低，尤为适用于户外露天使用场景。具备优异的耐候、耐臭氧及抗紫外线辐射性能。
The profiles are used for e.g. sealing, cushioning, insulating and isolating. Due to the low water absorption on the surface, they are particularly suitable for outdoor applications. High resistance to weathering, ozone and UV radiation.

电缆配件 Cable fittings



产品规格： Product versions:

适用线缆直径：	3 - 28 mm
For cable Ø:	3 - 28 mm
材料：	黄铜、工程塑料、不锈钢
Materials:	brass, plastic, stainless steel
款式类型：	电缆格兰头、软管、六角螺母、螺纹堵头
Versions:	cable gland, hose, hexagon nut, screw plug

产品说明： Product description:

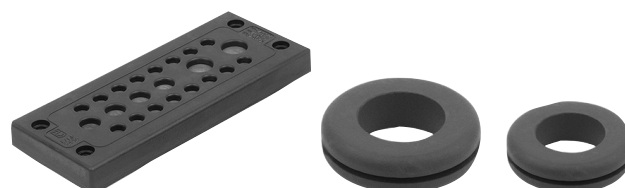
电缆格兰头为工业专用元器件，用于将电缆密封紧固并可靠接入设备柜体、开关箱及各类电气装置内部，具备应力消除功能，可有效隔绝湿气、粉尘、污物及腐蚀等外界环境侵害。
A cable gland is a technical component for the secure and tight insertion and fixation of electric cables in housings, switchboxes or other electrical devices. they provide tension relief and reliably protect the cable from external influences such as moisture, dust, dirt and corrosion.

产品总览

PRODUCT OVERVIEW

电缆固定头

Cable glands



产品规格:

Product versions:

适用线缆直径: 2 - 41 mm
For cable Ø: 2 - 41 mm
材料: 三元乙丙橡胶、聚酰胺
Materials: EPDM, polyamide
款式类型: 电缆固定板、电缆护线套
Versions: cable gland plate, cable grommet

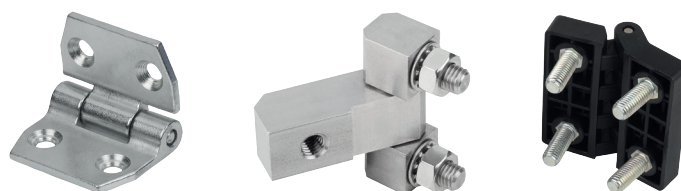
产品说明:

Product description:

电缆固定板适用于非成束布设的管线，包含电缆、软管及气动液压管路。弹性板材可自适应贴合，实现密封防护与线缆应力释放。护线套可引导线缆安全贯穿开关箱、设备外壳及熔断器箱体，避免线缆被锐边割损，同时具备线缆抗拉缓冲功能。
The cable gland plate is suitable for non-bundled lines such as cables, hoses and pneumatic and hydraulic lines. The elastomer plate adapts and provides sealing and tension relief. The grommets guide cables safely through switchboxes, housings and fuse boxes, protect against sharp edges and facilitate tension relief.

铰链

Hinges



产品规格:

Product versions:

宽度尺寸: 25.3 - 240 mm
Width: 25.3 - 240 mm
固定类型: 可焊接式、带安装孔、固定螺钉、锁紧螺母、衬套、长圆孔
Fastening type: weldable, fastening holes, fastening screws, fastening nuts, bushes, slotted holes
材料: 热塑性塑料、铝合金、压铸铝、压铸锌、不锈钢、碳钢
Materials: thermoplastic, aluminium, die-cast aluminium, die-cast zinc, stainless steel, steel
款式类型: 右侧/左侧可脱卸、可拆分解卸、固定式、导向凸耳、长圆孔、锁紧功能、定位分度功能、摩擦力可调、开合弹簧、阻尼缓冲、电气开关功能、框内安装、框外安装、可调节式
Versions: lift-off right/left, separable and removable, fixed, guide tabs, slotted holes, lock function, indexing function, adjustable friction, closing and opening spring, damping, electrical switch function, in-frame, on-frame, adjustable
表面处理: 光亮饰面、喷砂处理、抛光加工、电镀锌、阳极氧化、镀铬、塑料喷涂
Finishes: bright, abrasive blasted, polished, electro zinc-plated, anodised, chrome-plated, plastic-coated

产品说明:

Product description:

铰链广泛应用于家具制造、传统机械制造及各类配套设备，安装于柜门、检修口、防护罩等部件。常规铰链材质包含工程塑料、铝合金、碳钢、薄板、不锈钢及压铸锌合金。
Hinges are used in furniture and traditional machine construction, as well as on other equipment, where they are mounted on doors, hatches and hoods, etc. The classic hinges are available in plastic, aluminium, steel, sheet metal, stainless steel and die-cast zinc.

水平调节脚/设备支撑脚 Levelling feet / machine feet



产品规格： Product versions:

螺纹规格：	M6 - M30, M24x2 - M38x2
Thread Ø:	M6 - M30, M24x2 - M38x2
螺纹长度：	15 - 225 mm
Thread length:	15 - 225 mm
高度参数：	7 - 60 mm
Height:	7 - 60 mm
底盘直径：	28.5 - 150 mm
Plate Ø:	28.5 - 150 mm
承载载荷：	1.5 - 91 kN
Load capacity:	1.5 - 91 kN
材料：	碳钢、不锈钢、工程塑料、铝合金
Materials:	steel, stainless steel, plastic, aluminium
款式类型：	带六角结构、带滚花圆盘、带安装孔、高度可调、配橡胶缓冲垫、卫生级设计、符合食品级标准、空心调节螺杆、调节堵头、万向脚垫、万向调节螺钉
Versions:	with hexagon, with knurled disc, with hole, height-adjustable, with rubber pad, Hygienic DESIGN, FDA compliant, with hollow screw, adjustment plugs, swivel foot, swivel screws
表面处理：	电镀锌、光亮饰面、发黑氧化、喷漆处理、磷化处理、抛光处理、振动研磨、淬火硬化、回火调质
Finishes:	electro zinc-plated, bright, black oxidised, painted, phosphated, polished, vibratory ground, hardened, tempered



产品说明： Product description:

水平调节脚可便捷补偿地面高低落差，实现设备平稳支撑。用于设备水平校准，保障设备稳固安装。部分水平调节脚具备减振及结构传声吸收功能。Levelling feet provide an easy way of counteracting any unevenness in the floor. They are used for alignment purposes to ensure that the equipment is installed securely. Levelling feet are available with vibration absorption and structure-borne sound absorption.

水平调节脚配件 Levelling feet accessories



产品规格： Product versions:

材料：	不锈钢、工程塑料
Materials:	stainless steel, plastic
款式类型：	螺纹端盖、螺纹堵头、端盖
Versions:	thread caps, screw plugs, caps
表面处理：	抛光处理
Surfaces:	polished

产品说明： Product description:

地脚配件包含防刮防护端盖与用作固定构件的管材嵌套。Possible accessories for levelling feet include caps for the feet that protect against scratch marks and tube inserts that act as a fastening element.

产品总览

PRODUCT OVERVIEW

调节丝杆与底盘

Threaded spindles and plates



产品规格:

Product versions:

螺纹规格:	M6 - M24, M24x2 - M36x2
Thread Ø:	M6 - M24, M24x2 - M36x2
螺纹长度:	15 - 200 mm
Thread length:	15 - 200 mm
底盘直径:	30 - 175 mm
Plate Ø:	30 - 175 mm
承载载荷:	0.2 - 90 kN
Load capacity:	0.2 - 90 kN
材料:	碳钢、不锈钢、压铸铝、工程塑料
Materials:	steel, stainless steel, die-cast zinc, plastic
款式类型:	防静电、加长款、带减振组件、配橡胶缓冲垫
Versions:	antistatic, with extension, with vibration absorber, with rubber pad
表面处理:	光亮饰面、发黑氧化、喷漆处理、电镀锌、蓝色钝化、镀铬处理、磷化处理、抛光加工、塑料喷涂
Finishes:	bright, black oxidised, painted, electro zinc-plated, blue passivated, chromed, phosphated, polished, plastic-coated



产品说明:

Product description:

调节丝杆与底盘为万向地脚及水平调节脚的核心装配构件。调节丝杆与底盘可依据实际应用工况自由组合搭配，灵活适配。可根据客户需求提供预装成品交付服务。防滑底盘可吸收振动、防止滑移，进一步提升设备稳定性与使用安全性。Threaded spindles and plates are required as components for the assembly of swivel and levelling feet. Depending on the application, threaded spindles and plates can be freely combined and matched to each other. Delivery pre-assembled is also possible on request. Additional stability is provided by an anti-slip plate that absorbs vibrations, prevents slipping and thus rises safety.

止推垫块与止推丝杆

Thrust pads and thrust spindles



产品规格:

Product versions:

螺纹规格:	M6 - M20
Thread Ø:	M6 - M20
螺纹长度:	24 - 136 mm
Thread length:	24 - 136 mm
高度参数:	7 - 16 mm
Height:	7 - 16 mm
止推垫块直径:	12 - 40 mm
Thrust pad Ø:	12 - 40 mm
材料:	碳钢、不锈钢、工程塑料
Materials:	steel, stainless steel, plastic
款式类型:	带星形手柄、开槽式、内六角式
Versions:	with star grip, with slot, with hexagon socket
表面处理:	光亮饰面、发黑氧化、表面淬火硬化
Finishes:	bright, black oxidised, case-hardened



产品说明:

Product description:

止推丝杆、止推垫块与带销紧定螺钉，是机械制造与加工领域用于夹紧、固定及定位作业的精密构件。止推丝杆可在工件夹紧与调节过程中实现可控力传递。止推垫块用作稳定支撑面与承压面，防护精密工件表面免受损伤。带销紧定螺钉与止推垫块精密适配，可灵活组合使用，实现稳固且精准的锁紧定位。Thrust spindles, thrust pads and grub screws with pins are precise components for clamping, fixating and positioning tasks in machine construction and manufacturing. Thrust spindles enable controlled force transmission when e.g. clamping or adjusting workpieces. Thrust pads serve as stable support or pressure surfaces and protect sensitive surfaces. Grub screws with pins are precisely matched to the thrust pads and can be flexibly combined with them to ensure secure and precise fixation.

管夹 Tube clamps



产品规格： Product versions:

直径规格：	12 - 60 mm, 0.5" - 2"
Diameter:	12 - 60 mm, 0.5" - 2"
方形规格：	20 - 40 mm, 0.75" - 1.5"
Square:	20 - 40 mm, 0.75" - 1.5"
材料：	铝合金、不锈钢、工程塑料、碳钢
Materials:	aluminium, stainless steel, plastic, steel
款式类型：	十字连接件、T型连接件、角码、支撑底座、法兰式、直通式、对接件、球头接头
Versions:	cross piece, T-piece, angle, foot, flange, straight, joint piece, ball joint
表面处理：	振动研磨、光亮饰面、抛光处理
Finishes:	vibratory ground, bright, polished

产品说明： Product description:

管材连接件适用于圆管与方管型材的组装搭接。可根据需求选配配套夹紧手柄用于锁紧固定。
Tube connectors are ideal for assembling round and square profiles. A suitable clamping lever for fastening can be supplied on request.

显示器支架 Monitor brackets



产品规格： Product versions:

长度：	88 - 720 mm
Length:	88 - 720 mm
材料：	碳钢、铝合金、工程塑料
Materials:	steel, aluminium, plastic
款式类型：	双联式、单联式、紧凑型、可旋转式、旋转法兰式、球头铰接式、墙体支架、型材支架、连接板、支撑悬臂、键盘托架、手机支架、平板支架、四轴高度调节、五轴调节、伸缩悬臂
Versions:	double, single, compact, swivelling, with swivel flange, with ball joint, wall bracket, profile bracket, connection plate, support arm, keyboard tray, smartphone holder, tablet holder, 4 axis height-adjustment, 5 axes, telescopic arm
表面处理：	光亮饰面、喷漆处理、电镀锌、塑料喷涂
Finishes:	bright, painted, electro zinc-plated, plastic-coated

产品说明： Product description:

显示器支架可将显示屏、平板及键盘搭载于管道连接系统。
Monitor mounts allow screens, tablets and keyboards to be attached to a pipe connection system.

产品总览

PRODUCT OVERVIEW

插接连接器

Plug Connector

INCH
Parts



产品规格:

Product versions:

尺寸:	20 – 30 mm, 1"
Sizes:	20 – 30 mm, 1"
材料:	工程塑料、铝合金
Materials:	plastic, aluminium
款式类型:	连接接头、直角接头、星形接头、活动接头、方管、翅片式方管
Versions:	connecting piece, right angle, star, joint, square tube, finned square tube
可选配色:	黑色、阳极氧化处理
Colours:	black, anodised

产品说明:

Product description:

型材接头专为方形型材组装对接设计。
Connectors are ideal for assembling square profiles.

圆管与方管

Round tubes and square tubes



产品规格:

Product versions:

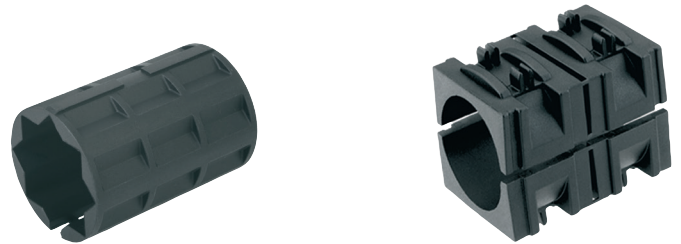
直径规格:	12 - 50 mm
Diameter:	12 - 50 mm
方形规格:	10 - 40 mm
Square:	10 - 40 mm
长度:	500 - 2,000 mm
Length:	500 - 2,000 mm
材料:	碳钢、铝合金
Materials:	steel, aluminium
款式类型:	光面型、开槽型、翅片型
Versions:	smooth, with slot, finned
表面处理:	电镀锌、阳极氧化处理
Finishes:	electro zinc-plated, anodised

产品说明:

Product description:

圆管与方管包含光面、翅片及开槽多种款式，为稳固结构搭建提供灵活解决方案。依据型材规格差异，可实现简易装配与精准校准，广泛适用于机械设备与成套装置制造领域。
Round and square tubes are available smooth, finned or with slot and offer flexible solutions for stable constructions. Depending on the profile, they enable simple installation, precise alignment and a wide range of applications in machine and plant constructions.

管材连接件配件 Tube connector accessories



产品规格： Product versions:

直径规格：	12 - 30 mm
Diameter:	12 - 30 mm
方形规格：	10 - 25 mm
Square:	10 - 25 mm
款式类型：	圆形、方形
Versions:	round, square

产品说明： Product description:

圆管与方管专用变径衬套，可精准适配不同管径规格，实现无间隙稳固连接。
Reducer sleeves for round and square tubes enable different tube diameters to be precisely adapted and ensure a secure, play-free connection.

铝型材配件 Accessories for aluminium profiles



产品规格： Product versions:

材料：	碳钢、铝合金、压铸锌合金、工程塑料
Materials:	steel, aluminium, die-cast zinc, plastic
款式类型：	绑带、角件套件、型材滑块、夹紧角码、活动接头、封盖、线缆卡扣、传感器支架、地脚板、防护帽、压入式堵头、旋转锁扣、滑轨、封边型材、转接型材、面板固定支架、摩擦接头
Versions:	straps, angle sets, profile sliders, clamping angles, joints, covers, cable clips, sensor holders, foot plates, protective caps, press-in plugs, rotation locks, slide rails, cover profiles, adapter profiles, holders for panel elements, friction joints
表面处理：	光亮饰面、电镀锌、阳极氧化、喷漆处理、塑料喷涂
Finishes:	bright, electro zinc-plated, anodised, painted, plastic-coated

产品说明： Product description:

为铝型材的连接、夹紧与固定提供完备解决方案。所有配件均可完美适配槽宽8mm与10mm的主流现代型材。
The answer to connecting, clamping and holding aluminium profiles. All components are a perfect match for modern profiles with 8 mm or 10 mm slot widths.

产品总览

PRODUCT OVERVIEW

一号型Ø30精益管连接件

Lean tube connector Ø30 type I



产品规格:

Product versions:

材料:	碳钢、铝合金、工程塑料
Materials:	steel, aluminium, plastic
款式类型:	型材管、圆管、连接接头、多通基座、滚轮、滚轮导轨、悬吊支架、端盖、防护帽、导向轨道、滑动导轨、桌板紧固件、夹紧件、卡扣、角码
Versions:	profile tubes, round tubes, connectors, multiblocks, rollers, roller tracks, suspension brackets, end caps, protective caps, guide rails, slide rails, table plate fastenings, clamps, clips, angles
表面处理:	光亮饰面、电镀锌、阳极氧化
Finishes:	bright, electro zinc-plated, anodised

产品说明:

Product description:

精益管管夹采用模块化结构体系，可灵活搭建工作台、仓储货架、转运推车及生产线设施。可实现结构稳固、按需定制的布局设计，助力精益化高效生产。

Lean tube clamps offer a modular system for the flexible design of workstations, shelving, transport trolleys and production lines. It enables stable, customisable designs for efficient and lean production processes.

线性执行器

Linear actuators



产品规格:

Product versions:

直径规格:	18 - 50 mm
Diameter:	18 - 50 mm
方形规格:	30 - 50 mm
Square:	30 - 50 mm
材料:	碳钢、不锈钢、铝合金
Materials:	steel, stainless steel, aluminium
款式类型:	十字连接件、支撑底座、法兰件、线性执行器、夹紧元件
Versions:	cross piece, foot, flange, linear actuators, clamping elements
表面处理:	抛光处理、阳极氧化、电镀锌、塑料喷涂
Finishes:	polished, anodised, electro zinc-plated, plastic-coated

产品说明:

Product description:

圆形与方形线性执行器可实现低摩擦精密运动，广泛适用于机械制造与设备工程领域。配套管夹与法兰夹钳保障安装稳固、装配灵活，便于与现有结构集成适配。

Round or square type linear actuators enable precise, low-friction movements for a wide range of applications in mechanical and plant construction. Matching tube clamps and flange clamps ensure stable, flexible installation and easy integration into existing constructions.

工件支撑件 Workpiece supports



产品规格： Product versions:

直径规格：	42.4 - 60.3 mm
Diameter:	42.4 - 60.3 mm
材料：	塑料
Materials:	plastic
款式类型：	底座、T型连接件、双支脚式、三支脚式、带十字接头、支撑端头
Versions:	foot, T-piece, two-legged, three-legged, with cross connector, support heads

产品说明： Product description:

输送带专用支撑构件结构稳定、适配性强，可为输送系统提供可靠定位与支撑方案。产品调节简便，可按需优化高度与同轴度，适配多样化工况需求。
Support elements for conveyor belts offer stable and flexible solutions for the safe positioning and support of conveyor systems. The simple adjustability enables height and alignment to be optimally adapted to different requirements.

输送系统专用组件 Components for conveyor systems



产品规格： Product versions:

材料：	不锈钢、工程塑料
Materials:	stainless steel, plastic
款式类型：	侧导向支座、单管夹、双管夹、定位销、侧向护栏
Versions:	lateral guide holders, single clamps, double clamps, pins, lateral guides

产品说明： Product description:

可调节式侧向导导向结构，确保输送物料精准导向、定位可靠。支持宽度与高度双向灵活调节，适配多规格尺寸物料输送作业。高强度材质确保产品在工业环境中长期稳定可靠运行。
Adjustable lateral guidance ensures precise guidance and safe positioning of products on conveyor belts. They can be flexibly adjusted in width and height to support a wide range of product sizes. Robust materials ensure long-lasting and reliable use in industrial environments.

产品总览

PRODUCT OVERVIEW

伸缩滑轨

Telescopic slides



产品规格：

Product versions:

长度：	70 - 1,524 mm
Length:	70 - 1,524 mm
行程：	32 - 1,524 mm
Travel:	32 - 1,524 mm
每组额定载荷：	2 - 741 kg
Loading per pair:	2 - 741 kg
材料：	碳钢、不锈钢、铝合金
Materials:	steel, stainless steel, aluminium
表面处理：	电镀锌、阳极氧化、光亮饰面
Finishes:	electro zinc-plated, anodised, bright

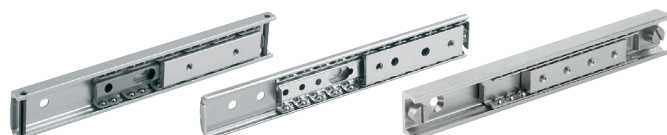
产品说明：

Product description:

伸缩滑轨适用于抽屉及抽拉式机构。
产品操作简便，结构稳定性优异。包含半拉伸、全拉伸及超程拉伸多种规格。
Telescopic slides are used in drawers and pull-out systems.
They are easy to handle and offer a great deal of stability. They are available with partial, full and over-extension.

直线滚珠轴承

Linear ball bearings



产品规格：

Product versions:

长度：	70 - 1,490 mm
Length:	70 - 1,490 mm
行程：	30 - 1,070 mm
Travel:	30 - 1,070 mm
每组承载能力：	2 - 3,959 kg
Load capacity per pair:	2 - 3,959 kg
材料：	碳钢、不锈钢、铝合金
Materials:	steel, stainless steel, aluminium
表面处理：	电镀锌、阳极氧化、光亮饰面
Finishes:	electro zinc-plated, anodised, bright

产品说明：

Product description:

线性滚珠轴承可为机械设备与自动化应用提供低摩擦高精度直线运动。具备承载能力强、运行顺畅、使用寿命长久的特性。
Linear ball bearings enable precise, low-friction linear movements for machine and automation applications. They are characterised by high load capacity, smooth running and a long service life.

搭扣 Latches



产品规格:

Product versions:

保持锁紧力:	250 - 30,500 N
Retaining force:	250 - 30,500 N
材料:	碳钢、不锈钢、压铸锌合金
Materials:	steel, stainless steel, die-cast zinc
款式类型:	带弹簧卡扣、带提拉扣、带释放机构、可调节、可锁定、可调节钩式夹钳、挂锁支架、带锁结构
Versions:	with spring clip, with draw bail, with release, adjustable, lockable, with movable and adjustable hook clamp, with padlock bracket, with lock
表面处理:	电镀锌、蓝色钝化、光亮饰面、厚膜钝化加顶级涂层密封、塑料喷涂、高光镀铬处理、亚光镀铬处理
Finishes:	electro zinc-plated, blue passivated, bright, thick-film passivated and Top-Coat sealed, plastic-coated, high-gloss chromed, matt chromed

产品说明:

Product description:

搭扣广泛应用于机械、设备及箱体制造领域，用作盖板、护板与箱体的简易锁紧构件。夹紧行程越过死点位置，使其具备优良的抗振动性能。
Latches are used as simple locks for covers, cladding and containers in machine, plant and container construction. The clamping stroke exceeds the dead centre point, which makes them able to withstand vibrations.

搭扣配件 Accessories for latches



产品规格:

Product versions:

材料:	碳钢、不锈钢
Materials:	steel, stainless steel

产品说明:

Product description:

搭扣扣板作为固定基座，实现各构件牢固可靠连接。
Catch plates for latches serve as stable anchors to connect components securely and firmly.

产品总览

PRODUCT OVERVIEW

按压式锁扣

Snap locks



产品规格：

Product versions:

材料：	工程塑料、碳钢、不锈钢、压铸锌合金
Materials:	plastic, steel, stainless steel, die-cast zinc
款式类型：	折叠手柄、卡扣嵌入式、带旋钮、带旋钮头、可锁定、鲍登线连接式
Versions:	fold-down grip, snap-in, with knob, with twist knob, lockable, with Bowden cable connection
表面处理：	精磨加工、抛光加工、哑光喷砂、塑料喷涂
Finishes:	ground, polished, matt blasted, plastic-coated
可选配色：	黑色、白色、米色、银色
Colours:	black, white, beige, silver

产品说明：

Product description:

按压锁适用于柜门、检修口及防护罩的平齐式嵌入式安装。借助按压锁紧结构，仅需闭合按压即可实现可靠锁止。按压锁可室内外通用，广泛应用于船舶制造、交通运输、包装工业、医疗设备及汽车制造领域。

Snap locks are intended for flush installation in doors, hatches and hoods. With the snap function, the door can be latched securely by simply pushing it shut. Snap locks can be used in indoor and outdoor areas in ship/boat building, transport, the packaging industry, medical technology, and the automobile industry.

撞击锁

Slam latches



产品规格：

Product versions:

操作端：	方形、双耳式、钥匙操控型
Actuator:	square, double lug, key
材料：	铝制
Materials:	aluminium
表面处理：	粉末喷涂
Finishes:	powder coated
可选配色：	黑色、铝本色
Colours:	black, aluminium tone

产品说明：

Product description:

撞击锁用于柜门与检修口的简易可靠闭锁。该类产品可选配集成安全防护功能版本。

Slam latches are used for simply and securely locking doors and hatches. These products are also available with integrated safety function.

肘节夹钳 Toggle clamps



产品规格： Product versions:

保持锁紧力：	250 - 15,000 N
Retaining force:	250 - 15,000 N
夹紧力：	170 - 3,900 N
Clamping force:	170 - 3,900 N
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	卧式安装、立式安装、带安全联锁、防静电、带力传感器、光学测量设备专用
Versions:	horizontal, vertical, with safety interlock, antistatic, with force sensor, for optical measurement technology
表面处理：	光亮饰面、氮碳共渗+发黑氧化、电镀锌、发黑氧化
Finishes:	bright, nitrocarburised and black oxidised electro zinc-plated, black oxidised
握柄颜色：	黑色、红色、蓝色、橙色
Grip colours:	black, red, blue, orange

产品说明： Product description:

肘节夹钳适用于装配工装与夹紧夹钳，广泛应用于机械制造、金属加工及木工加工领域。产品结构紧凑轻薄，可轻松适配狭小安装空间。
Toggle clamps are intended for assembly and clamping fixtures and are used in machine construction, metalworking and woodworking. Due to their slim design, toggle clamps can be easily integrated into tight spaces.

肘节夹钳搭扣/肘节夹钳钩扣 Toggle clamp latches / toggle clamp hooks



产品规格： Product versions:

操作手柄力：	80-600 N
Hand force:	80-600 N
牵引拉力：	1,500-30,000 N
Tractive force:	1,500-30,000 N
保持锁紧力：	2,000-40,000 N
Retaining force:	2,000-40,000 N
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	卧式、立式、配套扣板款
Versions:	horizontal, vertical, with catch plate
表面处理：	电镀锌、镀铬处理、光亮饰面
Surfaces:	electro zinc-plated, chromed, bright
握柄颜色：	红色、橙色
Grip colours:	red, orange

产品说明： Product description:

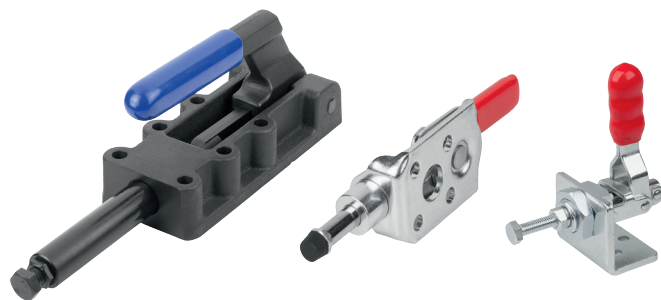
肘节夹钳搭扣与肘节夹钳钩扣，适用于盖板与检修口的快速闭合及锁紧固定，是高效装配夹紧工装。
Toggle clamp latches and hooks are ideal as an assembly and clamping fixture for quick closing and fastening of lids and hatches.

产品总览

PRODUCT OVERVIEW

推拉式肘节夹钳

Push-pull toggle clamps



产品规格:

Product versions:

保持锁紧力:	500 - 50,000 N
Retaining force:	500 - 50,000 N
夹紧力:	500 - 7,000 N
Clamping force:	500 - 7,000 N
材料:	碳钢、不锈钢、球墨铸铁
Materials:	steel, stainless steel, ductile iron
款式类型:	带支架、无支架、迷你款、可旋转式、手柄可换向款
Versions:	with bracket, without bracket, mini, rotating, with reversible hand lever
表面处理:	电镀锌、光亮饰面、镀铬处理、磷化处理
Finishes:	electro zinc-plated, bright, chromed, phosphated
握柄颜色:	蓝色、红色、橙色
Grip colours:	blue, red, orange

产品说明:

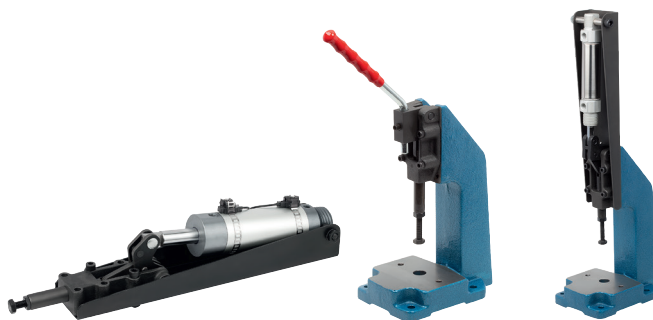
Product description:

推拉式肘节夹钳用作机械制造与金属加工的装配夹紧工装。推拉式肘节夹钳可在开启与闭合双位自锁，支持推压与拉动双向操作。

Push-pull toggle clamps act as an assembly and clamping fixture in machine construction and metalworking. As push-pull toggle clamps lock in both closed and open positions, they can be operated by either pushing or pulling.

气动夹钳

Pneumatic clamps



产品规格:

Product versions:

保持锁紧力:	1,000–25,000 N
Retaining force:	1,000–25,000 N
夹紧力:	800–8,000 N
Clamping force:	800–8,000 N
工作压力 (巴):	2巴至6巴
Operating pressure in bar:	2–6 bar
材料:	碳钢、铸钢
Materials:	steel, cast steel
款式类型:	卧式、立式
Versions:	horizontal, vertical
表面处理:	电镀锌、镀铬处理、发黑氧化、磷化处理
Surfaces:	electro zinc-plated, chromed, black oxidised, phosphated

产品说明:

Product description:

气动夹钳特别适用于金属加工与木材加工行业。因其操作简便，非常适配自动化、高效快速的夹紧作业场景。

气动气缸可选用无末端缓冲的双作用结构款式。

Pneumatic clamps are especially suitable for metalworking and woodworking. Due to the fact they are easy to operate, they are ideal for automated, efficient and quick clamping tasks.

The pneumatic cylinder is available with double-action function without end position damping.

肘节夹钳配件 Toggle clamp accessories



产品规格： Product versions:

材料：	碳钢、不锈钢、工程塑料、铝合金
Materials:	steel, stainless steel, plastic, aluminium
款式类型：	塑料手柄、止推丝杆、角型支架、螺母、止推垫块、防护帽、止推螺钉、转接块、转接板、状态传感器、力传感器、夹钳组件、锁紧垫圈
Versions:	plastic handles, thrust spindles, angle brackets, nuts, thrust pads, protective caps, thrust screws, adapter block, adapter plate, status sensor, force sensor, clamp element, locking washer
表面处理：	电镀锌、镀铬、光亮饰面、磷化处理、阳极氧化
Finishes:	electro zinc-plated, chrome plated, bright, phosphated, anodised

产品说明： Product description:

附件零件用于单体构件的替换加装与功能拓展。
Accessory parts are used to replace or add to individual components.

夹紧单元 Clamping units



产品规格： Product versions:

材料：	碳钢、铸材、铝合金
Materials:	steel, cast, aluminium
款式类型：	夹紧钢带、钢带夹紧组件、垫高垫块、连接螺钉、强力夹紧件、止推垫块
Versions:	clamp straps, clamp strap units, riser blocks, connecting screws, power clamp, thrust pads
表面处理：	电镀锌、喷漆处理、发黑氧化
Surfaces:	electro zinc-plated, painted, black oxidised

产品说明： Product description:

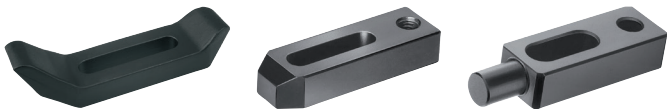
夹紧单元主要用于工件锁紧固定。产品规格类型丰富，可按需选型。
Clamping units are used to clamp workpieces. Various types are available.

产品总览

PRODUCT OVERVIEW

夹紧钢带

Clamp straps



产品规格：
Product versions:

材料：	碳钢、铝合金
Materials:	steel, aluminium
款式类型：	圆形夹紧接头、偏置式、双面式、活动式、可调式、U型开口、旋转式、带防护嵌套、带力传感器、阶梯脚型
Versions:	clamping attachment round, offset, doublesided, moveable, adjustable, open-U, swivelling, with protective insert, with force sensor, with stepped-heeled
表面处理：	发黑氧化、蓝色电镀锌、喷漆处理
Finishes:	black oxidised, blue electro zinc-plated, painted

产品说明：
Product description:

夹紧钢带广泛应用于机械制造、夹钳设计及模具加工领域，用于工件与零部件的夹紧固定。该产品通用性强，采用碳钢材质制造，结构样式丰富多样。
Clamp straps used in machine and fixture construction and in toolmaking are used to clamp workpieces and components. They are very versatile, made of carbon steel and are available in various designs.

钩式夹钳

Hook clamps



产品规格：
Product versions:

材料：	钢
Materials:	steel
款式类型：	带防护嵌套、加长型夹紧钢带、带轴肩、带安装支架、精磨加工、钩式夹钳支座、带张紧手柄、带夹紧力增压器
Versions:	with protective insert, extended clamp strap, with collar, with mounting bracket, ground, hook clamp holder, with tension lever, with clamping force intensifier
表面处理：	发黑氧化、精磨加工、回火调质
Finishes:	black oxidised, ground, tempered

产品说明：
Product description:

钩式夹钳的显著优势为适用范围广、占用安装空间小。例如，其可广泛应用于机械设备、工装模具与夹钳的制造。
Notable features of the hook clamps are that they can be used in a wide range of applications and do not require much space. For example, they can be used in the construction of machines, tools and fixtures.

回转夹钳 Swing clamps



产品规格： Product versions:

夹紧力：	最大载荷可达63kN
Clamping force:	up to 63 kN
材料：	碳钢、铸铁
Materials:	steel, cast iron
款式类型：	气动式、液压式、机械式、自动化适配型
Versions:	pneumatic, hydraulic, mechanical, automation-capable
表面处理：	镀铬处理、发黑氧化、精磨加工、阳极氧化、回火调质、氮化处理
Finishes:	nickel-plated, black oxidised, ground, anodised, tempered, nitrided

产品说明： Product description:

回转夹钳适用于工件上下料时需完全释放夹紧点位的工况。可手动或气动驱动操作。主要应用于机械制造、夹钳设计及模具加工领域。
Swing clamps are used where the clamping points must be free when the workpiece is loaded or removed. They are actuated manually or pneumatically. They are predominantly used in machine construction, fixture construction and toolmaking.

拉式夹钳/顶推式夹钳 Pull clamps / thrust clamps



产品规格： Product versions:

夹紧力：	0,9 - 80 kN
Clamping force:	0,9 - 80 kN
保持锁紧力：	2 - 14 kN
Retaining force:	2 - 14 kN
材料：	钢
Material:	steel
款式类型：	气动式、液压式、机械式、自动化适配型
Versions:	pneumatic, hydraulic, mechanical, automation-capable
表面处理：	光亮饰面、精磨加工、发黑氧化、淬火硬化
Finishes:	bright, ground, black oxidised, hardened

产品说明： Product description:

拉式夹钳与顶推式夹钳适用于工件同步夹紧与定位作业。可采用手动或气动驱动。多种款式规格，支持卧式与立式两种安装方式。
Pull clamps and thrust clamps are suitable for simultaneously clamping and positioning workpieces. They are actuated manually or pneumatically. Different types can be mounted either horizontally or vertically.

产品总览

PRODUCT OVERVIEW

侧向夹钳

Side clamp



产品规格:

Product versions:

夹紧力:	3 - 50 kN
Clamping force:	3 - 50 kN
材料:	碳钢、铸铁、铝合金
Materials:	steel, cast iron, aluminium
款式类型:	带缓冲垫块、带支撑底座、带夹紧构件、摆式嵌块款
Versions:	with rest pad, with support, with clamping element, with pendulum insert
表面处理:	发黑氧化、回火调质、阳极氧化、淬火硬化
Finishes:	black oxidised, tempered, anodised, hardened

产品说明:

Product description:

部分侧向夹钳通过旋转螺旋凸轮对摆动夹爪施加压力，同时形成垂直下压力，实现工件稳固限位。

Some side clamps hold workpieces in place by rotating a spiral cam which exerts pressure on the swivel jaw, simultaneously producing a positive down force.

压板夹钳

Toe clamps



产品规格:

Product versions:

夹紧力:	2-40 kN
Clamping force:	2-40 kN
材料:	钢
Material:	steel
款式类型:	可调式、阶梯式、平压板、齿条压板、对向夹爪
Versions:	adjustable, stepped, flat clamps, rack plates, opposing jaw
表面处理:	发黑氧化、回火调质、精磨加工、淬火硬化
Finishes:	black oxidised, tempered, ground, hardened

产品说明:

Product description:

压板夹钳可提供稳定垂直下压力。低矮结构设计，无突出边缘干扰。

Toe clamps exert a positive down force. Their low height prevents protruding edges.

工装夹钳/凸轮夹钳 Fixture clamps / cam clamps



产品规格： Product versions:

材料:	碳钢、铸铝、工程塑料、黄铜
Materials:	steel, cast aluminium, plastic, brass
款式类型:	工装夹钳、凸轮式侧向夹钳、形位贴合凸轮夹钳、工装夹钳螺钉、凸轮手柄
Versions:	fixture clamps, side clamps with cam, form-fit cam clamps, fixture clamp screws, cam levers
表面处理:	发黑氧化、电镀锌、淬火硬化、镀黄铜、精磨加工、回火调质、阳极氧化
Finishes:	black oxidised, electro zinc-plated, hardened, brass coated, ground, tempered, anodised

产品说明： Product description:

工装夹钳尤其适用于工件侧向夹紧，保障工件竖向加工作业。结构紧凑，可满足狭小空间内的安装使用需求。
Fixture clamps are particularly suitable for clamping workpieces from the side to enable vertical machining. With their compact design, they are suitable for applications where space conditions are restricted.

T型槽压板 T-slot clamp



产品规格： Product versions:

材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	低型压板、平压板、T型槽压板
Versions:	low-profile clamp, flat clamp, T-slot clamp
表面处理:	淬火硬化、镀镍处理、发黑氧化、回火调质
Finishes:	hardened, nickel-plated, black oxidised, tempered

产品说明： Product description:

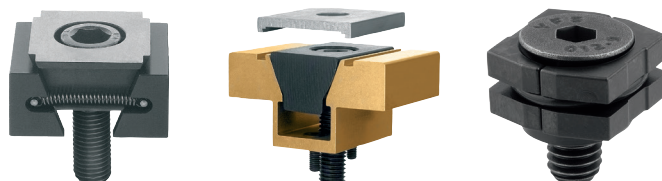
T型槽压板在工件夹紧时可形成稳定下压力。适用于平板类工件装夹固定。
T-slot clamps produce a positive down force when the workpiece is clamped. They are suitable for flat workpieces.

产品总览

PRODUCT OVERVIEW

楔形夹钳

Wedge clamps



产品规格:

Product versions:

螺纹:	M4 - M16
Thread:	M4 - M16
夹持范围:	12 - 103.9 mm
Clamping range:	12 - 103.9 mm
夹紧力:	2 - 60 kN
Clamping force:	2 - 60 kN
材料:	碳钢、铝型材
Materials:	steel, aluminium profile
款式类型:	双联式、固定夹爪式、可加工式、光面型、齿面型
Versions:	double, with fixed jaw, machinable, smooth, serrated
表面处理:	阳极氧化、发黑氧化、淬火硬化、磷化处理、回火调质、精磨加工
Finishes:	anodised, black oxidised, hardened, phosphated, tempered, ground

产品说明:

Product description:

楔形夹钳可用于单件及多件工件同步夹紧。结构紧凑，能够节省安装空间，实现多工位并列装夹。

Wedge clamps are suitable for clamping both single and multiple workpieces. Their compact design enables spacesaving series clamping.

定心夹钳

Centring clamp



产品规格:

Product versions:

夹紧力:	0.5-45 kN
Clamping force:	0.5-45 kN
材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	带滚珠、六角结构、内螺纹、外螺纹、芯轴夹头、轴类夹紧单元
Versions:	with balls, hexagon, internal thread, external thread, mandrel collet, shaft clamping units
表面处理:	光亮饰面、发黑氧化、淬火硬化、精磨加工
Finishes:	bright, black oxidised, hardened, ground

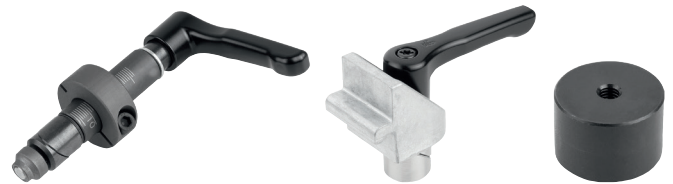
产品说明:

Product description:

该类定心夹钳可在孔位内完成工件定心与夹紧作业。定心夹钳具备自动定心精度高、无变形夹紧、整体高度低矮等优势。

These centring clamps enable workpieces to be centred on and clamped in a bore. The advantages of centring clamps include precise self-centring, distortion-free clamping and a low overall height.

网格系统专用夹紧元件 Clamping elements for grid systems



产品规格: Product versions:

驱动:	夹紧手柄、六角结构
Actuation:	clamping lever, hexagon
材料:	碳钢、不锈钢、聚甲醛、压铸锌合金
Materials:	steel, stainless steel, POM, die-cast zinc
表面处理:	发黑氧化、塑料喷涂、磷化处理、电镀锌蓝钝。
Surface finish:	black oxidised, plastic coated, phosphated, electro zinc-plated and blue passivated.

产品说明: Product description:

该类夹紧销适用于将不同厚度的标准限位件，固定于孔径16mm或28mm的网格孔工作台/焊接工作台。
These clamping pins are perfect for fixing standard stop elements with various thicknesses to grid hole tables / welding tables with hole Ø 16 mm or 28 mm.

弹簧定位销 Spring plungers



产品规格: Product versions:

外部直径:	M3 - M24, 2.5 - 16 mm, #8 - 5/8, 1/4" - 5/8"
Outside Ø:	M3 - M24, 2.5 - 16 mm, #8 - 5/8, 1/4" - 5/8"
长度:	4 - 80 mm
Length:	4 - 80 mm
行程:	0.4 - 40 mm
Travel:	0.4 - 40 mm
初始弹簧力:	0.4 - 95 N
Initial spring force:	0.4 - 95 N
终态弹簧力:	2.5 - 240 N
Final spring force:	2.5 - 240 N
套筒材质:	工程塑料、碳钢、不锈钢
Sleeve materials:	plastic, steel, stainless steel
滚珠/顶销材质:	工程塑料、碳钢、不锈钢、陶瓷
Ball/thrust pin materials:	plastic, steel, stainless steel, ceramic
款式类型:	内六角、开槽、带头部、带状态传感器、滚珠式、顶销式、带螺纹锁固
Versions:	hexagon socket, slot, with head, with status sensor, with ball, with thrust pin, with thread lock
表面处理:	发黑氧化、光亮饰面
Finishes:	black oxidised, bright



产品说明: Product description:

弹簧定位销用于零部件的分度、定位与锁紧固定。因其通用性极强且安装简便，弹簧定位销广泛应用于机械制造、手工加工及日用领域。
Spring plungers are used for indexing, positioning and fixating components. As they are extremely versatile and easy to install, spring plungers are used in machine construction, crafts and in the household.

产品总览

PRODUCT OVERVIEW

分度定位销

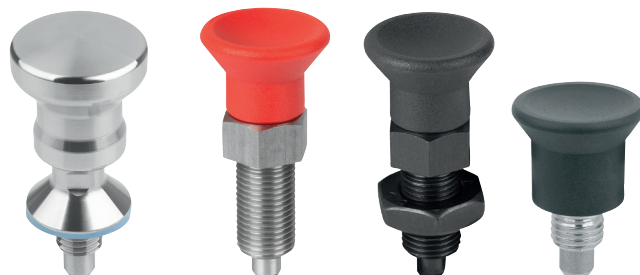
Indexing plungers



产品规格:

Product versions:

销体直径:	3 - 25 mm, 1/4 - 1
Pin Ø:	3 - 25 mm, 1/4 - 1
外部直径:	5 - 50 mm, M6 - M24
Outside Ø:	5 - 50 mm, M6 - M24
长度:	10 - 106 mm
Length:	10 - 106 mm
行程:	3.5 - 44 mm
Travel:	3.5 - 44 mm
套筒材质:	锌合金、碳钢、不锈钢
Sleeve materials:	zinc, steel, stainless steel
销体材质:	碳钢、不锈钢
Pin materials:	steel, stainless steel
手柄材质:	工程塑料、碳钢、不锈钢
Grip materials:	plastic, steel, stainless steel
款式类型:	淬火硬化型、非硬化型、带锁紧结构、螺纹锁固型、短款、加长定位销型、五爪手柄型、带标记型、无轴肩型、气动式、高端锥形定位销型、定位夹紧手柄型、可视锁紧指示型、远程操作型、带状态传感器、硬接线款、凸轮手柄型、Hygienic USIT®卫生级标准、旋钮头型
Versions:	hardened, not hardened, with lock, with thread lock, short version, with extended indexing pin, with five lobe grip, with marking, without collar, pneumatic, premium with conical indexing pin, with indexing and clamping grip, with visual locking indicator, with remote actuation, with status sensor, hardwired, with cam lever, Hygienic USIT®, with twist knob
表面处理:	发黑氧化、光亮饰面、淬火精磨、电镀锌
Finishes:	black oxidised, bright, hardened and ground, electro zinc-plated



产品说明:

Product description:

分度定位销为操作类零部件，用于将运动部件固定或锁止于指定位置。通过限制旋转、摆动及平移运动实现锁紧限位。定位销同时可实现运动构件的快速简易调节。Indexing plungers are operating parts that fixate or lock moving parts in a certain position. The lock is achieved by blocking rotating, pivoting or shifting movements. The plungers also enable quick and easy adjustment of moving components.

凸轮式分度定位销

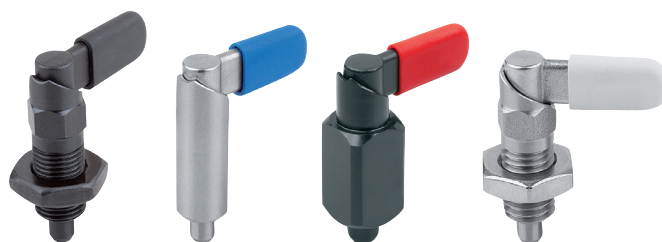
Cam-action indexing plungers



产品规格:

Product versions:

销体直径:	4 - 12 mm
Pin Ø:	4 - 12 mm
方形规格:	8 - 16 mm
Square:	8 - 16 mm
螺纹:	M10 - M20; 3/8 - 3/4
Thread:	M10 - M20; 3/8 - 3/4
长度:	36.5 - 73.5 mm
Length:	36.5 - 73.5 mm
行程:	6 - 13 mm
Travel:	6 - 13 mm
材料:	碳钢、不锈钢、铝合金、黄铜
Materials:	steel, stainless steel, aluminium, brass
款式类型:	光面型、可焊接型、带限位结构、锁紧手柄型、内置导向式
Versions:	smooth, weldable, with stop, lock grip, with internal guide
表面处理:	发黑氧化、光亮饰面、电镀锌、镀铬处理
Finishes:	black oxidised, bright, electro zinc-plated, chromed



产品说明:

Product description:

凸轮式分度定位销可适用于各类锁紧固定机构，尤其适用于禁止定位销外露伸出的工况。旋转手柄180°即可解除锁定。Cam action indexing plungers can be used for all types of locking and fixating mechanisms, especially where the indexing pin must not be allowed to protrude. The lock is released by turning the grip 180°.

球锁销 Ball lock pins



产品规格： Product versions:

销体直径： 5 - 16 mm, 3/16" - 3/4"
Pin Ø: 5 - 16 mm, 3/16" - 3/4"
长度： 10 - 246 mm
Length: 10 - 246 mm
双剪切载荷： 22 - 258 kN
Double shear force: 22 - 258 kN
销体材质： 碳钢、不锈钢
Pin materials: steel, stainless steel
手柄材质： 碳钢、不锈钢、工程塑料、铝合金、锌合金
Grip materials: steel, stainless steel, plastic, aluminium, zinc
款式类型： L型手柄、T型手柄、蘑菇头旋钮、带卡扣、无头式、轴向锁紧、可调手柄、旋钮头、旋转锁扣、带头部锁扣、高抗剪强度、可锁定款
Versions: L-grip, T-grip, with mushroom knob, with clip, without head, with axial lock, adjustable grip, with twist knob, with twist lock, with head lock, with high shear strength, lockable

产品说明： Product description:

球锁销用于机械设备零部件与工件的快速便捷连接紧固。按压按钮即可解除轴向锁定。
Ball lock pins are used to join and fasten machine parts and workpieces quickly and easily. The axial lock is released by pressing the push button.

锁紧销 Locking pins



产品规格： Product versions:

销体直径： 5 - 12 mm, 1/4 - 1/2
Pin Ø: 5 - 12 mm, 1/4 - 1/2
长度： 10 - 80 mm
Length: 10 - 80 mm
双剪切力： 22 - 86 kN
Shear force double shear: 22 - 86 kN
销体材质： 碳钢、不锈钢
Pin materials: steel, stainless steel
款式类型： 磁吸轴向锁紧、带钥匙环、折叠搭扣、轴向锁紧结构
Versions: with magnetic axial lock, with key ring, with folding latch, with axial lock

产品说明： Product description:

锁紧销用于零部件与工件的快速拆装、对接固定。
Locking pins are used for quick and easy fastening and joining of components or workpieces.

产品总览

PRODUCT OVERVIEW

防护缆绳/珠链

Retaining cables / ball chains



产品规格:
Product versions:

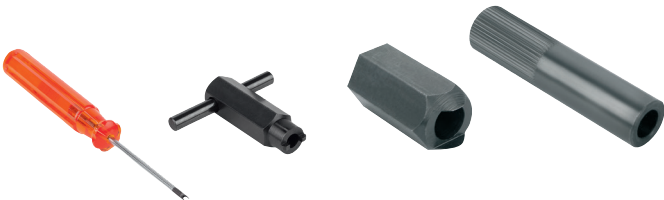
长度:	100 - 1,000 mm
Length:	100 - 1,000 mm
材料:	碳钢、不锈钢、铝合金
Materials:	steel, stainless steel, aluminium
款式类型:	带环扣、压接端子、钥匙环、螺旋安全缆绳、绑带款
Versions:	with loop, with crimp terminal, with key ring, safety spiral cable, with strap
表面处理:	光亮饰面、镀铬处理、塑料喷涂
Finishes:	bright, chromed, plastic coated

产品说明:
Product description:

防护缆绳与珠链用于零部件防脱落防护固定。配有挂环或钥匙环两种款式。
Retaining cables and ball chains are used to secure components. They are available with a loop or key ring.

弹簧定位销配件

Spring plunger accessories



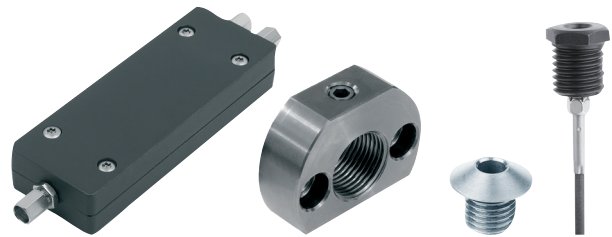
产品规格:
Product versions:

款式类型:	支撑座、角型支架、增高垫板、球形碰锁、磁吸碰扣、装配钥匙、安装工具、定位器
Versions:	supports, angle brackets, riser plates, ball catches, magnetic catches, assembly keys, assembly tools, locators

产品说明:
Product description:

专用装配工具可简化安装作业流程。
Assembly tools that make installation easier.

分度定位销与凸轮式分度定位销配件 Accessories for indexing plungers and cam-action indexing plungers



产品规格： Product versions:

材料：	塑料、铝合金、碳钢、不锈钢
Materials:	plastic, aluminium, steel, stainless steel
款式类型：	衬套、间隔环、安装支架、双头梅花扳手、定位衬套、球锁衬套、锁紧销、销轴、传感器、鲍登拉线
Versions:	bushes, spacer rings, mounting brackets, double-ended ring spanners, locating bushes, ball lock bushes, locking pins, pins, sensors, Bowden cables
表面处理：	发黑氧化、淬火精磨、光亮饰面
Finishes:	black oxidised, hardened and ground, bright

产品说明： Product description:

配件包含衬套、安装支架、间隔环等各类构件。
Accessories include products such as bushes, mounting brackets and spacer rings.

球锁销配件 Ball lock pin accessories



产品规格： Product versions:

材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	定位衬套、带与不带旋转锁紧结构的球锁衬套、磁吸衬套、锁紧销、定位销轴
Versions:	locating bushes, ball lock bushes with and without twist lock, magnetic bushes, locking pins, pins
表面处理：	光亮饰面、镀镍、回火调质
Surfaces:	bright, nickel plated, tempered

产品说明： Product description:

配件涵盖球锁销专用衬套等相关元器件。
Accessories include products such as bushes for ball lock pins.

产品总览

PRODUCT OVERVIEW

网关/蓝牙模块

Gateway / Bluetooth module



产品说明:

Product description:

蓝牙模块用于通用状态显示与信号传输。
通过USB-C接口与配套产品完成连接。触发状态通过蓝牙无线传输至移动设备或网关。

The Bluetooth module is used for universal status display and signal transmission.
It is connected to the matching product via a USB-C connection. The actuation status is transmitted wirelessly via Bluetooth to a mobile device or the Gateway.

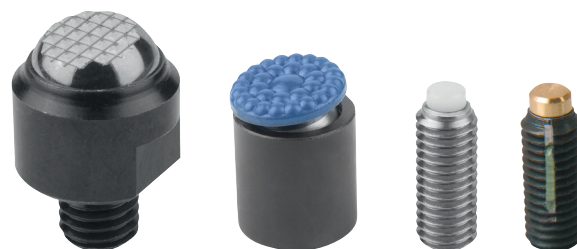
产品规格:

Product versions:

款式类型: 网关、蓝牙模块
Versions: Gateway, Bluetooth module

自调心垫块/止推螺钉

Self-aligning pads / thrust screws



产品规格:

Product versions:

转接直径: 10-24 mm, M3-M24
Adapter diameter: 10-24 mm, M3-M24
钢球直径: 10-40 mm
Ball diameter: 10-40 mm
承载负荷: 0.3-220 kN
Loading: 0.3-220 kN
钢球类型: 扁平化、平面式、齿面式、金刚石涂层、聚氨酯接触面
Ball: flattened, flat, with serrations, diamond coated, polyurethane face
嵌件材质: 聚甲醛、硬质合金、不锈钢
Inserts: POM, carbide, stainless steel
材料: 碳钢、不锈钢
Materials: steel, stainless steel
款式类型: 可倾斜角度12°、14°或20°、带O型密封圈、可更换嵌件、自动复位、可调节、内六角结构、带头球头止推螺钉、无头式、止推螺钉
Versions: with 12°, 14° or 20° swivel angle, with O-ring, replaceable inserts, auto-return, adjustable, hexagon socket, ball-end thrust screws with head, without head, thrust screws
表面处理: 光亮饰面、回火调质+磷化处理、回火调质+发黑氧化
Surface finish: bright, tempered and phosphated, tempered and black oxidised

产品说明:

Product description:

自调心垫块应用于机械制造、夹钳设计及设备安装领域，用作支撑座、限位挡块与止推垫块。同时适用于工件的支撑与夹紧定位。

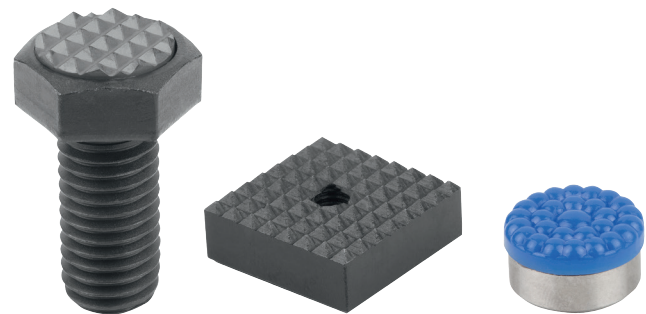
Self-aligning pads are used as supports, stops and thrust pads in machine construction, fixture construction and installation. In addition, they are used to support and clamp workpieces.

嵌件 Inserts



产品规格： Product versions:

直径规格：	10 – 25 mm, M6 – M20
Diameter:	10 – 25 mm, M6 – M20
高度参数：	10 – 12 mm
Height:	10 – 12 mm
长度：	25 – 60 mm
Length:	25 – 60 mm
材料：	碳钢、不锈钢、聚甲醛
Materials:	steel, stainless steel, POM
款式类型：	圆形、方形、可调节式、六角形
Versions:	round, square, adjustable, hexagonal
表面处理：	光亮饰面、发黑氧化、淬火硬化+光亮饰面、淬火硬化+发黑氧化、金刚石涂层、聚氨酯接触面、硬质合金齿纹
Surface finish:	bright, black oxidised, hardened and bright, hardened and black oxidised, diamond coated, with polyurethane face, with carbide serrations



产品说明： Product description:

嵌件是装配于夹紧臂、工装夹钳、夹爪板及自调心垫块内的核心配套元件。可承受高扭矩值及超高锁紧保持力。
Inserts are an important component for installing into clamping arms, clamping fixtures, jaw plates and self-aligning pads. They transfer very high torque values and above average retaining forces.

定位销/支撑垫块 Locating pins / rest pads



产品规格： Product versions:

转接直径：	3 - 50 mm, M6 - M20
Adapter diameter:	3 - 50 mm, M6 - M20
长度：	4 - 50 mm
Length:	4 - 50 mm
材料：	碳钢、不锈钢、黄铜、铝合金
Materials:	steel, stainless steel, brass, aluminium
款式类型：	扁平球头型、圆柱定位销、自由铣削型、膨胀定位销、内螺纹结构、定位衬套、定位底座、夹钳支撑脚、内外螺纹柱销、组合定位销、限位支座、支撑螺栓、带锁紧螺母可调款、限位螺钉、带末端反馈可调限位块、活动夹紧限位件
Versions:	with flattened ball-end, cylindrical positioning pins, free-milled, expanding locating pins, with internal thread, locating bushes, positioning feet, fixture feet, pin form with internal/external thread, with positioning pins, locating feet, support bolts, adjustable with locknut, stop screws, adjustable stops with end position feedback, movable clamp stop
表面处理：	淬火精磨、精磨+渗碳处理、淬火硬化、表面渗碳硬化+发黑氧化、电镀锌、蓝色钝化
Surface finish:	hardened and ground, ground and kolsterised, hardened, case hardened and black oxidised, electro zinc-plated, blue passivated



产品说明： Product description:

定位销主要用于工件与工装夹钳的精准定位。球头结构可降低装配锁紧阻力，简化装夹流程。支撑垫块依据结构型式，可作为工件及夹钳的支撑底座或限位支座使用。
One of the uses of locating pins is to position workpieces and fixtures. A ball-end helps to ease the fastening process. Rest pads can be used as feet or supports for workpieces and fixtures, depending on the design.

产品总览

PRODUCT OVERVIEW

高度调节元件

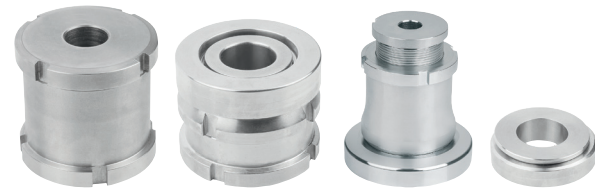
Height adjustment elements



产品规格:

Product versions:

螺纹规格:	4.5 - 33 mm
Thread Ø:	4.5 - 33 mm
外部直径:	25 - 80 mm
Outside Ø:	25 - 80 mm
最小高度:	15 - 105 mm
Min. height:	15 - 105 mm
最大高度:	19 - 144 mm
Max. height:	19 - 144 mm
力:	40 - 520 kN
Force:	40 - 520 kN
材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	V带锁紧螺母、低矮型、球面调平垫圈、球形垫圈、锥形底座
ersions:	spherical washers, conical seats
表面处理:	光亮饰面、蓝色钝化、电镀锌
Finishes:	bright, blue passivated, electro zinc-plated



产品说明:

Product description:

高度调节元件用于电机、机组、驱动单元及装配生产线的调平与安装固定。
Height adjustment elements are intended for use in levelling and mounting motors, aggregates, drive units and assembly lines.

定位夹紧一体化系统

Locating and clamping systems



产品规格:

Product versions:

类型:	球锁装置、气动定位夹紧系统、定位转接件、定心夹钳、夹紧销、定心衬套
Type:	Ball Lock, pneumatic positioning and clamping systems, locating adapters, centring clamps, clamping pins, centring bushes
操作端:	机械式/气动式
Actuator:	mechanical / pneumatic
材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	定位气缸、定心衬套、定位衬套
Versions:	locating cylinder, locating bush, positioning bush



产品说明:

Product description:

该定位夹紧系统可实现工装与底板的精准定位及牢固锁紧。机械式与气动式系统均由定位气缸、定心衬套及定位衬套组成。系统具备自装配特性，安装便捷高效。
The positioning and clamping system allows precise positioning and fastening of tooling and baseplates. The mechanical or pneumatic system consists of a locating cylinder, centring bush and locating bush. Easy installation of the system is achieved through self-installation.

螺钉/螺母/垫圈 Screws / nuts / washers



产品规格： Product versions:

材料：	碳钢、不锈钢、铝合金、工程塑料
Materials:	steel, stainless steel, aluminium, plastic
款式类型：	外六角螺钉、圆柱头螺钉、沉头螺钉、吊环螺栓、T型槽专用螺钉、台阶螺钉、螺纹挂钩、吊环螺栓、T型止推螺钉、球头螺钉、盘头螺钉、紧定螺钉、螺柱、丝杆、六角螺母、盖形螺母、方螺母、开槽螺母、平垫圈、回转垫圈、C型垫圈、隔套环、锁紧垫圈、密封垫圈、密封环、卡簧、止动锁片、圆柱销、锥销、防护端盖、锁固件、间隔垫块、间隔衬套
Versions:	hex head screws, cap screws, countersunk screws, eye bolts, screws for T-slots, shoulder screws, threaded hooks, eye bolts, T-thrust screws, ball head screws, pan head screws, grub screws, studs, threaded rods, hexagon nuts, cap nuts, square nuts, slotted nuts, washers, swivel washers, C-washers, shim rings, retaining washers, sealing washers, sealing rings, circlips, locking plates, dowel pins, tapered pins, caps, locks, spacers, spacer sleeves
表面处理：	光亮饰面、电镀锌、抛光处理、回火调质、淬火硬化、精磨加工、研磨、发黑氧化、阳极氧化、磷化处理
Finishes:	bright, electro zinc-plated, polished, tempered, hardened, ground, lapped, black oxidised, anodised, phosphated



产品说明： Product description:

螺钉、螺母与板类配件可广泛适用于各类应用场景。
Screws, nuts and plates can be used in a variety of applications.

螺纹镶嵌件 Threaded Inserts



产品规格： Product versions:

外螺纹规格：	M5 - M33
External thread:	M5 - M33
螺纹长度：	5 - 33 mm
Thread length:	5 - 33 mm
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	加强型、实心结构、自锁内螺纹、自攻型、钢丝螺套、维修套件、组合套装盒、装配工具
Versions:	reinforced, solid body, self-locking internal thread, self-tapping, HeliCoil®, repair sets, assortment boxes, assembly tools
表面处理：	钝化处理、光亮饰面、电镀锌
Finishes:	passivated, bright, electro zinc-plated



产品说明： Product description:

螺纹镶嵌件安装便捷、装配高效。可对受损螺纹孔进行修复再生。
Threaded inserts are particularly quick and easy to install. They enable tapped holes which have been damaged to be repaired.

产品总览

PRODUCT OVERVIEW

钻套

Drill bushes



产品规格:

Product versions:

外部直径:	3 - 62 mm
Outside Ø:	3 - 62 mm
长度:	6 - 67 mm
Length:	6 - 67 mm
材料:	专用表面渗碳硬化钢、不锈钢
Materials:	special case-hardening steel, stainless steel
款式类型:	圆柱型 (DIN 179) 、带轴肩型 (DIN 172)
Versions:	cylindrical (DIN 179), with collar (DIN 172)
表面处理:	淬火精磨
Finishes:	hardened and ground

产品说明:

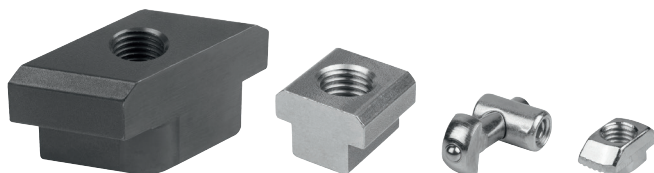
Product description:

钻套用于引导钻头精准对准钻孔夹钳。使用钻套可简化现场钻孔工序，优化加工流程。

Drill bushes help to guide the drill directly into the drilling jig. Using drill bushes simplifies and optimises the drilling process at the workplace.

型材及型材系统连接件

Connectors for profiles and profile systems



产品规格:

Product versions:

槽宽:	6 - 36 mm
Slot width:	6 - 36 mm
材料:	碳钢、压铸合金
Materials:	steel, die-cast
款式类型:	槽型键、专用螺母、平键、锤形螺栓、连接套件、紧固套件、魔术贴条、魔术贴绑带
Versions:	slot keys, nuts, parallel keys, hammer-head screws, connecting sets, fastening sets, velcro strips, velcro belts
表面处理:	光亮饰面、电镀锌、回火调质、发黑氧化、涂层防护
Finishes:	bright, electro zinc-plated, tempered, black oxidised, coated

产品说明:

Product description:

铝型材连接、夹紧与固定的一体化解决方案。所有配件均可精准适配槽宽8mm或10mm等标准型材。

The solution for connecting, clamping and holding aluminium profiles. All components fit precisely on standard profiles such as those with 8 mm or 10 mm slot widths.

轴套/夹紧轮毂 Shaft collar / clamping hubs



产品规格:

Product versions:

外部直径:	7 - 140 mm
Outside Ø:	7 - 140 mm
内径:	3 - 100 mm, M4 - M20
Inside Ø:	3 - 100 mm, M4 - M20
材料:	碳钢、不锈钢、铝合金、工程塑料
Materials:	steel, stainless steel, aluminium, plastic
款式类型:	蝶形手柄、夹紧手柄、带螺纹、螺纹销、开槽式、剖分式、加宽型、带支撑面
Versions:	with wing grip, with clamping lever, with thread, threaded pin, slotted, split, wide, with support face
表面处理:	光亮饰面、电镀锌蓝钝、发黑氧化
Finishes:	bright, electro zinc-plated and blue passivated, black oxidised

产品说明:

Product description:

轴套与锁紧环可作为轴类零件的定位及限位构件。夹紧轮毂则可借助手柄实现轴体的旋转调节与定位锁紧。
Shaft collars and locking rings can be used as a position and stop element for shafts. In contrast, clamp hubs can turn and position shafts with the help of a handle.

机械与夹钳标准件配件 Accessories for machine and fixture elements



产品规格:

Product versions:

材料:	碳钢、不锈钢、铝合金
Materials:	steel, stainless steel, aluminium
款式类型:	调整垫片、摆动螺钉、夹紧接头、多通连接件、叉形接头、百分表专用螺纹接头、滑动夹钳、定位锁止件
Versions:	shim plates, swing screws, clamping joints, multiple connectors, clevis joints, screw joints for dial gauges, sliding clamps, detent elements
表面处理:	黑色阳极氧化、光亮饰面、回火调质及发黑氧化
Surfaces:	black anodised, bright, tempered and black oxidised

产品说明:

Product description:

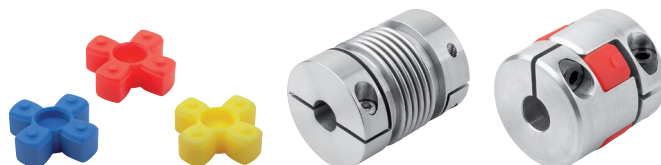
超薄垫板、滑动夹钳、叉形接头、夹紧接头、摆动螺钉、定位锁止件。
Slim plates, sliding clamps, clevis joints, clamping joints and swing screws, detent elements.

产品总览

PRODUCT OVERVIEW

联轴器

Couplings



产品规格:

Product versions:

内径:	3 - 50 mm
Inside Ø:	3 - 50 mm
外部直径:	10 - 122 mm
Outside Ø:	10 - 122 mm
材料:	碳钢、不锈钢、铝合金、工程塑料
Materials:	steel, stainless steel, aluminium, plastic
款式类型:	刚性固定式、带夹紧轮毂、带紧定螺钉、金属波纹管式、弹性联轴器式、弹簧卡扣式、两片式、可拆装、微型款、短型结构、高扭矩专用
Versions:	rigid, with clamp hub, with grub screw, with metal bellows, with elastomer spider, with spring clip, two-piece, detachable, miniature, short design, for high torques
表面处理:	光亮饰面、抛光处理
Finishes:	bright, burnished

产品说明:

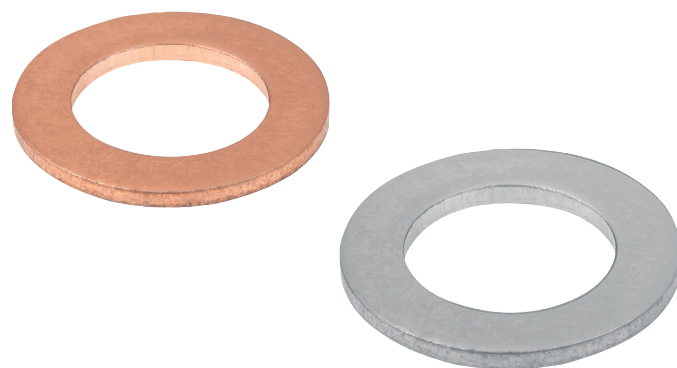
Product description:

联轴器可精准可靠连接传动轴，满足各类传动与定位工况需求。产品扭矩传递能力强、运行平稳、适配性广，适用于多种应用场景。

Couplings connect shafts precisely and reliably for a wide range of drive and positioning tasks. They offer high torque transmission, smooth running and flexibility for a wide range of applications.

密封件

Seals



产品规格:

Product versions:

内径:	2.57 - 102 mm
Inside Ø:	2.57 - 102 mm
材料:	铝合金、铜质、氟橡胶、三元乙丙橡胶
Materials:	aluminium, copper, FKM, EPDM
款式类型:	O型圈、密封环
Versions:	O-rings, seal rings

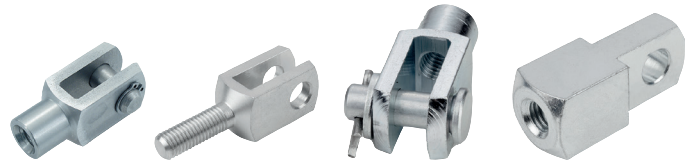
产品说明:

Product description:

O型圈与密封环等密封件，广泛应用于液压、气动及机械设备，密封性能稳定，有效防止介质泄漏与部件磨损。

Seals such as O-rings and seal rings provide reliable seals in hydraulic, pneumatic and machine applications to effectively prevent leaks and wear.

活动接头 Joints



产品规格： Product versions:

材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	叉形接头、卡扣销、叉耳件、叉耳舌片、销轴
Versions:	clevis joints, snap-in pins, clevises, clevis tang, pins
表面处理：	电镀锌钝化、电镀锌、光亮饰面
Finishes:	electro zinc-plated and passivated, electro zinc-plated, bright
标准：	DIN 71752、ISO 2341
Standard:	

产品说明： Product description:

叉耳件与叉形接头属于机械连接元件，用于传递拉力与压力载荷。可实现运动构件之间的铰接式柔性连接。
Clevises and clevis joints are mechanical connecting elements that are used to transmit forces in tensile or compressive directions. They enable a linked connection between moving components.

杆端接头 Rod ends



产品规格： Product versions:

螺纹：	M4 - M42
Thread:	M4 - M42
安装孔径：	5 - 40 mm
Mounting hole:	5 - 40 mm
材料：	碳钢、不锈钢、易格米德工程塑料
Materials:	steel, stainless steel, igumid®
款式类型：	杆端关节轴承、球面轴承
Versions:	rod ends, spherical bearings
标准：	DIN ISO 12240-1、DIN ISO 12240-4、DIN ISO 12240-4类似标准
Standard:	DIN ISO 12240-1, DIN ISO 12240-4, similar to DIN ISO 12240-4

产品说明： Product description:

杆端关节轴承与球面轴承可承受径向、轴向载荷及多角度摆动运动。
Rod ends and spherical bearings are bearing elements that can accommodate radial or axial movements as well as pivot movements.

产品总览

PRODUCT OVERVIEW

角度接头/轴向接头

Angle joints / axial joints



产品规格:

Product versions:

材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	轴向接头、角度接头、杆端耳环、开口销、快插式联轴器、弹性挡圈、开口销
Versions:	axial joints, angle joints, rod-end eyes, linchpins, quick-fit couplings, circlips, split pins
标准:	DIN 71802、DIN 71802类似标准、DIN 71803、DIN 71805、DIN 11023、DIN 11024类似标准、DIN EN ISO 1234
Standard:	DIN 71802, similar to DIN 71802, DIN 71803, DIN 71805, DIN 11023, similar to DIN 11024, DIN EN ISO 1234

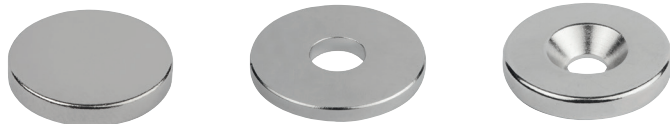
产品说明:

Product description:

角度接头与轴向接头为活动连接元件，用于交变方向的力传递。
Angle joints and axial joints are movable connecting elements that are used to transmit forces in alternating directions.

裸磁体

Magnets raw



产品规格:

Product versions:

外径尺寸:	3 - 56 mm
Outside diameter:	3 - 56 mm
长度:	10 - 80 mm
Length:	10 - 80 mm
磁力:	1.1 - 125 N
Magnetic force:	1.1 - 125 N
材料:	钕铁硼、铝镍钴
Materials:	neodymium, AlNiCo
款式类型:	圆盘形、方块形、长条形
Versions:	disc form, block form, bar form
表面处理:	光亮饰面、电镀锌
Surfaces:	bright, electro zinc-plated

产品说明:

Product description:

裸磁体为无屏蔽结构。磁体所有表面均可产生磁力作用。
Raw magnets are always an unshielded system. All of the magnet's surfaces exert magnetic force.

深杯型吸盘磁铁 Deep pot magnets



产品规格： Product versions:

直径规格：	6 - 65 mm
Diameter:	6 - 65 mm
长度：	10 - 85 mm
Length:	10 - 85 mm
保持锁紧力：	1.5 - 600 N
Retaining force:	1.5 - 600 N
材料：	钕铁硼、钕钴、铝镍钴
Materials:	neodymium (NdFeB), samarium-cobalt (SmCo), aluminium-nickel-cobalt (AlNiCo)
壳体材质：	碳钢、黄铜
Housing materials:	steel, brass
款式类型：	配合公差款、带定位销、可加工磁吸面款、内螺纹款
Versions:	with fitting tolerance, with pin, with machinable magnetic face, with internal thread
表面处理：	光亮饰面、电镀锌、喷漆处理
Finishes:	bright, electro zinc-plated, painted

产品说明： Product description:

深杯型吸盘磁铁内置永磁材质磁芯。属于屏蔽式磁力结构。深杯型吸盘磁铁拆装便捷、使用灵活，为非过盈式紧固元件。
Deep pot magnets have a core that is made of a permanent magnetic material. They are a shielded system. Deep pot magnets are easily removable, flexible, non-positive fasteners.

浅杯型吸盘磁铁 Shallow pot magnets



产品规格： Product versions:

直径规格：	10 - 125 mm
Diameter:	10 - 125 mm
高度参数：	4.5 - 26 mm
Height:	4.5 - 26 mm
保持锁紧力：	4 - 1,750 N
Retaining force:	4 - 1,750 N
材料：	钕铁硼、钕钴、硬质铁氧体
Materials:	neodymium (NdFeB), samarium-cobalt (SmCo), hard ferrite
壳体材质：	碳钢、不锈钢
Housing materials:	steel, stainless steel
款式类型：	内外螺纹款、带孔款、沉头款、挂钩款、橡胶防护帽款磁铁
Versions:	magnets with external and internal thread, with hole, countersunk, with hook, rubber protective caps
表面处理：	电镀锌、光亮饰面
Finishes:	electro zinc-plated, bright

产品说明： Product description:

浅杯型吸盘磁铁内置永磁材料磁芯。属于屏蔽式磁力结构。浅杯型吸盘磁铁拆装简便、使用灵活，属于非刚性紧固元件。
Shallow pot magnets have a core that is made of a permanent magnetic material. They are a shielded system. Shallow pot magnets are easily removable, flexible, non-positive fasteners.

产品总览

PRODUCT OVERVIEW

橡胶护套磁铁

Magnets with rubber protective jacket



产品规格:
Product versions:

直径规格:	12 - 88 mm
Diameter:	12 - 88 mm
高度参数:	6 - 20 mm
Height:	6 - 20 mm
磁力:	10 - 420 N
Magnetic force:	10 - 420 N
材料:	钕铁硼
Materials:	neodymium (NdFeB)
橡胶护套材质:	合成橡胶
Rubber protective jacket:	synthetic rubber
款式类型:	内外螺纹式磁铁
Versions:	magnets with internal/external thread
可选配色:	黑色
Colours:	black

产品说明:
Product description:

磁铁外部包覆橡胶材质，用于防护精密易损表面。
The magnet is encased in rubber to protect sensitive surfaces.

固定磁扣

Retaining magnets



产品规格:
Product versions:

直径规格:	10.5 - 36 mm
Diameter:	10.5 - 36 mm
高度参数:	7 - 9 mm
Height:	7 - 9 mm
磁力:	0.7 - 10 N
Magnetic force:	0.7 - 10 N
材料:	塑料
Materials:	plastic
可选配色:	白色、蓝色、红色、黑色
Colours:	white, blue, red, black

产品说明:
Product description:

该类磁铁的磁芯外部由塑料包裹。结构设计适配公告板、白板及薄金属板场景使用。
On the magnets, the magnetic core is encased in plastic. Their design makes them particularly suitable for use on noticeboards, whiteboards and thin metal sheets.

纽扣磁铁/马蹄形磁铁

Magnets button / horseshoe magnets



产品规格： Product versions:

直径规格：	13 - 32 mm
Diameter:	13 - 32 mm
宽度尺寸：	30 - 70 mm
Width:	30 - 70 mm
高度参数：	10 - 41 mm
Height:	10 - 41 mm
磁力：	7 - 320 N
Magnetic force:	7 - 320 N
材料：	铝镍钴材质
Materials:	AlNiCo
表面处理：	红色喷漆处理
Surface finish:	red painted

产品说明： Product description:

为双磁面无屏蔽式结构。纽扣磁铁与强力磁铁拆装便捷、适配性强，属于柔性非刚性紧固件。
This is an unshielded system with a two-part magnetic face. Magnet buttons and strong magnets are easily removable, flexible non-positive fasteners.

其他类型磁铁

Other magnets



产品规格： Product versions:

保持锁紧力：	5 - 900 N
Retaining force:	5 - 900 N
款式类型：	永磁底座、工装磁吸块、磁吸拾取器、磁吸夹紧球
Versions:	permanent magnetic foot, workholding blocks, magnetic pickups, magnetic clamping balls

产品说明： Product description:

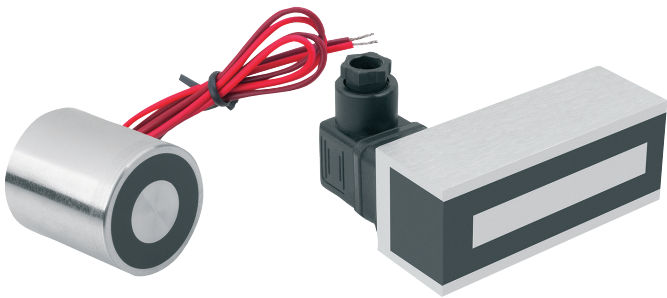
磁铁适用于各类工况场景。
Magnets are ideal for a wide range of applications.

产品总览

PRODUCT OVERVIEW

电磁铁

Electromagnets



产品规格:
Product versions:

直径规格:	10 - 250 mm
Diameter:	10 - 250 mm
长度:	100 - 800 mm
Length:	100 - 800 mm
高度参数:	10 - 80 mm
Height:	10 - 80 mm
保持锁紧力:	3 - 30,000 N
Retaining force:	3 - 30,000 N
材料:	硬质铁氧体、钕铁硼
Materials:	hard ferrite, neodymium (NdFeB)
壳体材质:	钢
Housing materials:	steel
款式类型:	电磁铁、永磁式电磁铁
Versions:	electromagnets, permanent electromagnets

产品说明:
Product description:

电磁铁可为机械制造、工装夹钳、自动化及安全技术领域的自动化工序，提供精准可控的吸附保持力。
Electromagnets offer precisely controllable holding forces for automated processes in machine construction and fixture, automation and safety technology.

橡胶缓冲器

Rubber buffers



产品规格:
Product versions:

外部直径:	8 - 200 mm
Outside Ø:	8 - 200 mm
螺纹规格:	M3 - M20
Thread Ø:	M3 - M20
螺纹长度:	6 - 44 mm
Thread length:	6 - 44 mm
螺纹深度:	3 - 16 mm
Thread depth:	3 - 16 mm
高度参数:	8 - 160 mm
Height:	8 - 160 mm
弹簧刚度:	3.7 - 4,000 N/mm
Spring stiffness:	3.7 - 4,000 N/mm
负载:	8 - 62,000 N
Load:	8 - 62,000 N
材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	圆柱形、束腰形、抛物线形、锥形、球形、方形、符合食品级 FDA 标准、吸附底座、橡胶限位块、O型固定座、连接绝缘件、限位导轨
Versions:	cylindrical, waisted, parabolic, conical, spherical, square, FDA-compliant, suction foot, rubber stops, O-shaped mounts, connecting insulators, stop rails



产品说明:
Product description:

橡胶缓冲件用作柔性缓冲构件，起到减震降噪作用。
Rubber buffers are intended to be used as a flexible buffer element and to reduce vibrations.

油位观察窗 Oil level sight glasses



产品规格： Product versions:

螺纹规格： G 1/4 - G 2, M14 - M60
Thread Ø: G 1/4 - G 2, M14 - M60
材料： 聚酰胺、铝合金、黄铜、不锈钢
Materials: polyamide, aluminium, brass, stainless steel
款式类型： 带反光镜、无反光镜、压入式、螺纹旋入式、普通玻璃款、凸面玻璃款、安全玻璃款
Versions: with reflector, without reflector, press-fit, screw-in, with natural glass, with convex glass, with safety glass
耐温范围： 90 °C - 150 °C
Temperature resistance: 90 °C - 150 °C

产品说明： Product description:

油位观察窗广泛应用于机械制造、车辆工程与农业机械领域。
Oil level sight glasses are used in machine construction, vehicle technology and agricultural machinery.

螺纹堵头/压入式堵头 Screw plugs / press-in plugs



产品规格： Product versions:

螺纹规格： R 1/8 - R 1 1/2, G 1/8 - G 2, M8 - M48
Thread Ø: R 1/8 - R 1 1/2, G 1/8 - G 2, M8 - M48
固定类型： 含压入式、旋入式
Fastening type: press-fit, screw-in
材料： 碳钢、不锈钢、铝合金、工程塑料
Materials: steel, stainless steel, aluminium, plastic
款式类型： 内六角款、六角销式、标识款、带磁款、带油标尺款
Versions: with hexagon socket, with hexagon pin, with symbols, with magnet, with dipstick
表面处理： 电镀锌、光亮饰面
Finishes: electro zinc-plated, bright
标准： 符合德国DIN 906、DIN 908、DIN 910标准
Standard: DIN 906, DIN 908, DIN 910

产品说明： Product description:

适用于各类容器的密封作业。同时应用于介质需定期更换或排空的工况。
They are suitable for sealing containers. They are also used where a medium needs to be changed or emptied after a certain period of time.

产品总览

PRODUCT OVERVIEW

加注口

Filler necks



产品规格:

Product versions:

材料:	塑料、碳钢
Materials:	plastic, steel
款式类型:	压入式、螺纹旋入式、带/不带链条、带滤网、带通气泄压阀
Versions:	for pressing in, for screwing on, with/ without chain, with filter, with air and vent valve
表面处理:	黑色/红色、镀铬
Surfaces:	black/red, chrome

产品说明:

Product description:

加注口主要应用于机械制造、车辆工程及农业机械领域。
Filler necks are predominantly used in machine construction, vehicle technology or agricultural machinery.

润滑脂注油嘴

Grease nipples



产品规格:

Product versions:

螺纹规格:	R 1/8 - R 1/4, G 1/8 - G 3/8, M6 - M16
Thread Ø:	R 1/8 - R 1/4, G 1/8 - G 3/8, M6 - M16
固定类型:	压入式、旋入式
Fastening type:	press-fit, screw-in
外形:	六角形、方形
Shape:	hexagonal, square
材料:	碳钢、不锈钢、聚乙烯
Materials:	steel, stainless steel, polyethylene
款式类型:	锥形、漏斗形、平面形、防护帽
Versions:	conical shape, funnel shape, flat shape, protective caps
防护帽颜色:	黑色、黄色、绿色、红色
Protective cap colours:	black, yellow, green, red
标准:	符合德国DIN 71412、DIN 3404、DIN 3405标准
Standard:	DIN 71412, DIN 3404, DIN 3405

产品说明:

Product description:

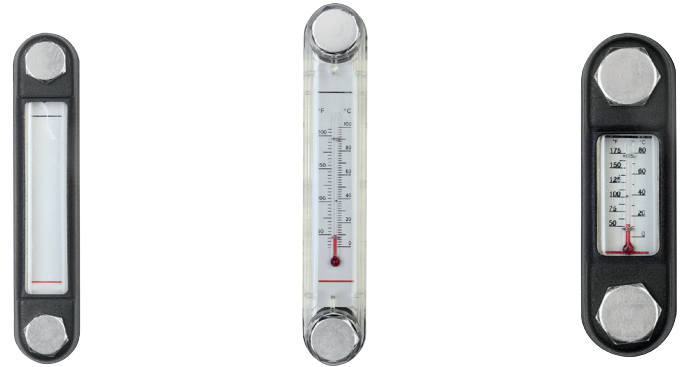
黄油嘴用于向润滑点位直接加注润滑介质。包含平齐式、平面式与锥形多种结构款式。
Grease nipples are used for applying a lubricant directly to a lubrication point. They are available as flush types, as flat types and in a conical form.

油位计 Oil level gauges



产品规格: Product versions:

款式类型:	带温度刻度、带反光板、加长型、电动油位监测款、 电动温度监测款、电动油位温度一体化监测款
Versions:	with temperature scale, with reflector, long version, with electric oil level monitoring, with electric temperature monitoring, with electric oil level and temperature monitoring
壳体材质:	聚酰胺、碳钢、铝合金
Housing materials:	polyamide, steel, aluminium
温度计刻度:	0 - 80 °C, 0 - 100 °C
Thermometer scale:	0 - 80 °C, 0 - 100 °C
耐温范围:	90 °C - 100 °C
Temperature resistance:	90 °C - 100 °C
耐压等级:	1巴至10巴
Pressure resistance:	1 bar - 10 bar



产品说明: Product description:

油位计用于实时检测介质填充液位。同时可选配电子监测功能版本。油位计可直接安装于螺纹孔，或通过两处固定孔完成装配。
Oil level gauges are used to check the current fill level. They are also available with an electronic monitoring option. The oil level gauge is fitted directly into tapped holes or via two fastening holes.

通气螺钉 Vent screws



产品规格: Product versions:

螺纹规格:	G1/4-G1 1/2, M16-M22
Thread Ø:	G1/4-G1 1/2, M16-M22
材料:	聚酰胺66、黄铜
Materials:	polyamide 66, brass
款式类型:	带滤网、防溅罩、单向阀、油标尺
Versions:	with filter, with splash guard, with check valve, with dipstick
表面处理:	黑色/红色、光亮饰面
Surfaces:	black/red, bright

产品说明: Product description:

通气螺钉用于防止容器内部压力过高。内置滤网可避免油料外泄，同时不影响压力平衡。
Vent screws are used to prevent too much pressure building up in the container. A filter prevents oil escaping without negatively affecting the pressure balance.

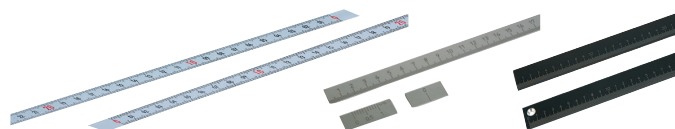


产品总览

PRODUCT OVERVIEW

刻度标尺

Scales



产品规格:

Product versions:

长度:	250 - 1,000 mm, 12" - 40"
Length:	250 - 1,000 mm, 12" - 40"
安装方式:	卧式、立式
Mounting position:	horizontal, vertical
材料:	铝合金、不锈钢
Materials:	aluminium, stainless steel
款式类型:	自粘式、带安装孔、零位刻度、游标刻度
Versions:	self-adhesive, with hole, zero mark, vernier
表面处理:	阳极氧化、喷漆处理、光亮饰面
Surface finish:	anodised, painted, bright

产品说明:

Product description:

刻度尺用作位置指示部件，保障读数精准。可通过背胶自粘或螺钉固定两种方式完成安装。

Scales act as position indicators and help to obtain precise readings. They are attached using their self-adhesive back or by using screws.

定制刻度环

Scale rings to customer specifications



产品规格:

Product versions:

材料:	钢
Material:	steel
款式类型:	哑光镀铬、黑色刻度标线与数字
Versions:	matt-finished chromed, scale marks and figures in black

产品说明:

Product description:

刻度环便于精准定位调节。

Scale rings facilitate adjustment to an exact position.

产品规格： Product versions:



产品规格： Product versions:

类型：	螺旋旋装式、塑料边框、珠边边框、圆筒边框、无框式、管状水平仪
Type:	for screwing on, with plastic frame, with bead-edged frame, with cylindrical frame, without frame, tubular bubble levels
壳体/边框直径：	12-34 mm
Housing/frame Ø:	12-34 mm
材料：	黄铜、聚甲基丙烯酸甲酯、不锈钢、铝合金、聚酰胺
Materials:	brass, polymethylmethacrylate, stainless steel, aluminium, polyamide
款式类型：	镀镍抛光、黑色、象牙白
Versions:	nickel plated and polished, black, ivory

产品说明： Product description:

水准泡用作零位基准仪器，或用于水平度检测。包含圆形水准器和管状水准器两种类型。
Level vials are used as zero indicator instruments or for checking the horizontal position. They are available as bullseye and tubular bubble levels.

行走轮/脚轮 Wheels / castors



产品规格： Product versions:

类型：	转向脚轮、固定脚轮、行走轮、导向滚轮、重载脚轮、升降脚轮
Type:	swivel castors, fixed castors, wheels, guide rollers, heavy load castors, elevating castors
轮辋材质：	碳钢、聚丙烯、聚酰胺、铝合金
Rim material:	steel, polypropylene, polyamide, aluminium
胎面材质：	实心橡胶、高弹性实心橡胶、钢丝增强弹性实心橡胶胎、热塑性橡胶、热塑性橡胶弹性体、聚氨酯、超韧聚氨酯、聚酰胺、酚醛塑料
Tread material:	solid rubber, elastic solid rubber, steel wire-reinforced elastic solid rubber tyre, thermoplastic rubber, thermoplastic rubber elastomer, polyurethane, extrathane, polyamide, phenoplastic
滚轮直径：	30 - 250 mm
Roller Ø:	30 - 250 mm
承载载荷：	20 - 1,350 kg
Load capacity:	20 - 1,350 kg
款式类型：	带支架、含滑动轴承、含滚珠轴承、带锁止结构、重载款、导电型、钢制焊接、卫生级专用、带安装孔、法兰安装式、硫化胎面、耐热型、防静电、集成机脚款、铝型材专用
Versions:	with housing, with plain bearing, with ball bearing, with locking system, heavy-duty version, electrically conductive, welded steel, for hygienic areas, with mounting hole, with screw-on plate, with vulcanised tread, heat-resistant, antistatic, with integrated machine foot, for aluminium profiles



产品说明： Product description:

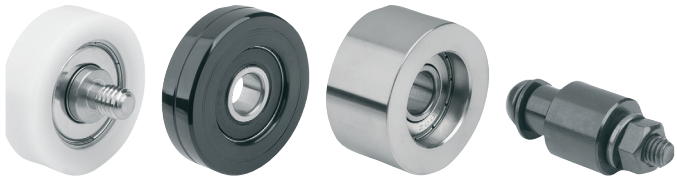
脚轮与行走轮适用于各类工况下的物料搬运作业。
Castors and wheels are necessary for transporting under a wide variety of conditions.

产品总览

PRODUCT OVERVIEW

轴承导向滚轮

Bearing guide rollers



产品规格:
Product versions:

滚珠材质: 碳钢、不锈钢
Ball bearing material: steel, stainless steel
胎面材质: 碳钢、聚甲醛、聚氨酯
Tread material: steel, polyacetal, polyurethane
滚轮直径: 20 - 70 mm
Roller Ø: 20 - 70 mm
款式类型: 圆柱型、凸面型、凹面型、Y型、单侧法兰、双侧法兰、销轴式
Versions: cylindrical, convex, concave, Y-shaped, with flange one side, with flange both sides, pin

产品说明:
Product description:

轴承导向滚轮可为直线运动与输送设备提供精准、顺畅的导向与支撑。产品结构坚固、维护简易，规格型号与结构样式丰富齐全。
Bearing guide rollers enable precise, smooth-running guidance and support in linear and transport applications. They are robust, low-maintenance and available in various sizes and designs.

滚珠传输单元

Ball transfer units



产品规格:
Product versions:

壳体直径: 13-100 mm
Housing Ø: 13-100 mm
滚珠直径: 4.8-57 mm
Ball Ø: 4.8-57 mm
壳体材质: 碳钢、不锈钢、工程塑料
Housing materials: steel, stainless steel, plastic
滚珠材质: 碳钢、不锈钢、聚甲醛、聚酰胺
Ball materials: steel, stainless steel, POM, polyamide
款式类型: 钢制外壳、实心钢壳、无外壳、下置弹簧式、带毛毡密封、无毛毡密封、可锁止滚珠
Versions: with steel housing, with solid steel housing, without housing, undersprung, with felt seal, without felt seal, with lockable ball

产品说明:
Product description:

滚珠传输单元用于重载及精密易损货物的输送转运。货物可轻松实现全方位旋转、定位与多向移动。
Ball transfer units transport heavy and sensitive goods. The goods can be rotated, positioned and moved in all directions with minimal effort.

吊环 Lifting rings



产品规格： Product versions:

类型：	吊环螺栓、吊环螺母、旋转吊环、固定吊点、卸扣、起重吊环、起重销轴、升降销、螺纹式升降销
Type:	ring bolts, ring nuts, swivel rings, anchor points, shackles, hoist rings, hoist pins, lifting pins, threaded lifting pins
螺纹规格：	M8 - M48
Thread Ø:	M8 - M48
承载载荷：	0 - 13,500 kg
Load capacity:	0 - 13,500 kg
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	四倍安全系数、塑料喷涂、发黑氧化、锰系磷化、淬火硬化、锻压成型、铸造成型
Versions:	4x safety factor, plastic-coated, black oxidised, manganese-phosphatised, hardened, forged, cast
可选配色：	黄色、红色、蓝色
Colours:	yellow, red, blue



产品说明： Product description:

D型吊环用于物件的起重吊装与牵引作业。焊接垫块与支架由碳钢制成，该材质具备优良焊接性能。设备安装因此简便高效。
D-rings are used to lift and pull objects. The welding block and bracket are made of steel, a material which is ideally suited to welding. This makes the equipment easy to install.

工具器具 Tools



产品规格： Product versions:

材料：	工具钢、铝合金、塑料
Materials:	tool steel, aluminium, plastic
款式类型：	卫生级工具、套筒、梅花开口扳手防护帽、梅花开口两用扳手、管钳、钩形扳手
Versions:	HYGIENIC tools, sockets, protective caps for ring and open-end spanners, ring and openend spanners, pipe wrenches, hook wrenches
表面处理：	银色、黑色
Finishes:	silver, black

产品说明： Product description:

卫生级产品系列包含专用工具及配套防护嵌件与防护帽，专为精密易损紧固件的拆装作业设计。
The HYGIENIC product line contains special tools with matching protective inserts and caps, which have been specially designed for tightening and loosening surface-sensitive fastener elements.

产品总览

PRODUCT OVERVIEW

车间耗材

Workshop supplies



产品规格:

Product versions:

款式类型: 转接件、杯架、卡扣式收纳箱、卡扣式外壳收纳箱
Versions: adapter, cup holder, clip-in bin, clip-in shell bin

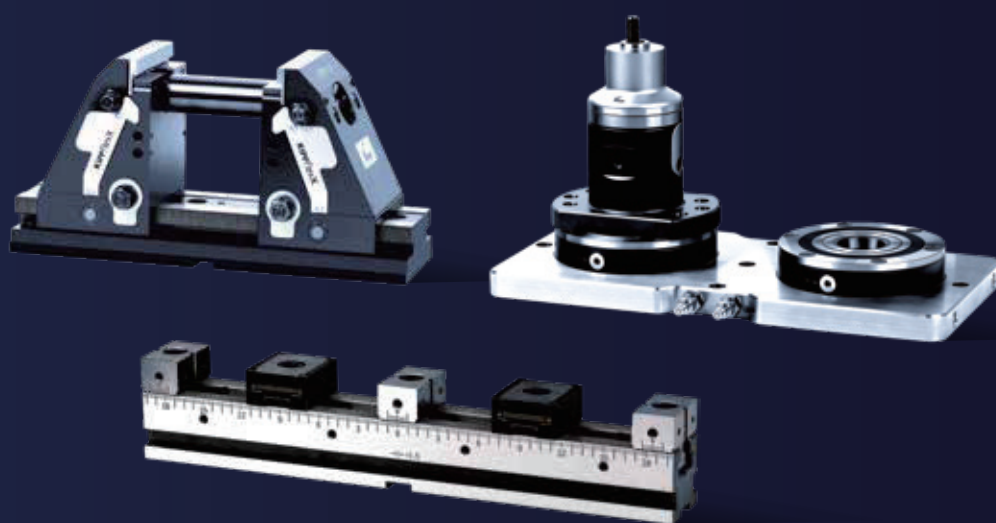
产品说明:

Product description:

卡扣式外壳收纳箱、杯架与卡扣式收纳箱可直接卡装于型材槽道或安装型材上。
The clip-in shell bins, cup holders and clip-in bins can be simply clipped onto the profile slot or the mounting profile.

注释 / Notes

注释 / Notes



夹紧技术 CLAMPING TECHNOLOGY

产品总览

PRODUCT OVERVIEW

夹紧单元

Clamping units



产品规格:

Product versions:

材料:	碳钢、铸材、铝合金
Materials:	steel, cast, aluminium
款式类型:	夹紧钢带、钢带夹紧组件、垫高垫块、连接螺钉、强力夹件、止推垫块
Versions:	clamp straps, clamp strap units, riser blocks, connecting screws, power clamp, thrust pads
表面处理:	电镀锌、喷漆处理、发黑氧化
Surfaces:	electro zinc-plated, painted, black oxidised

产品说明:

Product description:

夹紧单元主要用于工件锁紧固定。产品规格类型丰富，可按需选型。
Clamping units are used to clamp workpieces. Various types are available.

夹紧钢带

Clamp straps



产品规格:

Product versions:

材料:	碳钢、铝合金
Materials:	steel, aluminium
款式类型:	圆形夹紧接头、偏置式、双面式、活动式、可调式、U型开口、旋转式、带防护嵌套、带力传感器、阶梯脚型
Versions:	clamping attachment round, offset, doublesided, moveable, adjustable, open-U, swivelling, with protective insert, with force sensor, with stepped-heeled
表面处理:	发黑氧化、蓝色电镀锌、喷漆处理
Finishes:	black oxidised, blue electro zinc-plated, painted

产品说明:

Product description:

夹紧钢带广泛应用于机械制造、夹钳设计及模具加工领域，用于工件与零部件的夹紧固定。该产品通用性强，采用碳钢材质制造，结构样式丰富多样。
Clamp straps used in machine and fixture construction and in toolmaking are used to clamp workpieces and components. They are very versatile, made of carbon steel and are available in various designs.

钩式夹钳 Hook clamps



产品规格: Product versions:

材料:	钢
Materials:	steel
款式类型:	带防护嵌套、加长型夹紧钢带、带轴肩、带安装支架、精磨加工、钩式夹钳支座、带张紧手柄、带夹紧力倍增器
Versions:	with protective insert, extended clamp strap, with collar, with mounting bracket, ground, hook clamp holder, with tension lever, with clamping force intensifier
表面处理:	发黑氧化、精磨加工、回火调质
Finishes:	black oxidised, ground, tempered

产品说明: Product description:

钩式夹钳的显著优势为适用范围广、占用安装空间小。例如，其可广泛应用于机械设备、工装模具与夹钳的制造。
Notable features of the hook clamps are that they can be used in a wide range of applications and do not require much space. For example, they can be used in the construction of machines, tools and fixtures.

回转夹钳 Swing clamps



产品规格: Product versions:

夹紧力:	最大载荷可达63kN
Clamping force:	up to 63 kN
材料:	碳钢、铸铁
Materials:	steel, cast iron
款式类型:	气动式、液压式、机械式、自动化适配型
Versions:	pneumatic, hydraulic, mechanical, automation-capable
表面处理:	镀镍处理、发黑氧化、精磨加工、阳极氧化、回火调质、氮化处理
Finishes:	nickel-plated, black oxidised, ground, anodised, tempered, nitrided

产品说明: Product description:

回转夹钳适用于工件上下料时需完全释放夹紧点位的工况。可手动或气动驱动操作。主要应用于机械制造、夹钳设计及模具加工领域。
支持卧式与立式两种安装方式。
Swing clamps are used where the clamping points must be free when the workpiece is loaded or removed. They are actuated manually or pneumatically. They are predominantly used in machine construction, fixture construction and toolmaking. They can be installed either horizontally or vertically.

产品总览

PRODUCT OVERVIEW

拉式夹钳/顶推式夹钳

Pull clamps / thrust clamps



产品规格:

Product versions:

夹紧力:	0,9 - 80 kN
Clamping force:	0,9 - 80 kN
保持锁紧力:	2 - 14 kN
Retaining force:	2 - 14 kN
材料:	钢
Material:	steel
款式类型:	气动式、液压式、机械式、自动化适配型
Versions:	pneumatic, hydraulic, mechanical, automation-capable
表面处理:	光亮饰面、精磨加工、发黑氧化、淬火硬化
Finishes:	bright, ground, black oxidised, hardened

产品说明:

Product description:

拉式夹钳与顶推式夹钳适用于工件同步夹紧与定位作业。可采用手动或气动驱动。多种款式规格，支持卧式与立式两种安装方式。
Pull clamps and thrust clamps are suitable for simultaneously clamping and positioning workpieces. They are actuated manually or pneumatically. Different types can be mounted either horizontally or vertically.

侧向夹钳

Side clamp



产品规格:

Product versions:

夹紧力:	3 - 50 kN
Clamping force:	3 - 50 kN
材料:	碳钢、铸铁、铝合金
Materials:	steel, cast iron, aluminium
款式类型:	带缓冲垫块、带支撑底座、带夹紧构件、摆式嵌块款
Versions:	with rest pad, with support, with clamping element, with pendulum insert
表面处理:	发黑氧化、回火调质、阳极氧化、淬火硬化
Finishes:	black oxidised, tempered, anodised, hardened

产品说明:

Product description:

部分侧向夹钳通过旋转螺旋凸轮对摆动夹爪施加压力，同时形成垂直下压力，实现工件稳固限位。
Some side clamps hold workpieces in place by rotating a spiral cam which exerts pressure on the swivel jaw, simultaneously producing a positive down force.

压板夹钳 Toe clamps



产品规格： Product versions:

夹紧力：	2-40 kN
Clamping force:	2-40 kN
材料：	钢
Material:	steel
款式类型：	可调式、阶梯式、平压板、齿条压板、对向夹爪
Versions:	adjustable, stepped, flat clamps, rack plates, opposing jaw
表面处理：	发黑氧化、回火调质、精磨加工、淬火硬化
Finishes:	black oxidised, tempered, ground, hardened

产品说明： Product description:

压板夹钳可提供稳定垂直下压力。低矮结构设计，无突出边缘干扰。
Toe clamps exert a positive down force. Their low height prevents protruding edges.

工装夹钳/凸轮夹钳 Fixture clamps / cam clamps



产品规格： Product versions:

材料：	碳钢、铸铝、工程塑料、黄铜
Materials:	steel, cast aluminium, plastic, brass
款式类型：	工装夹钳、凸轮式侧向夹钳、形位贴合凸轮夹钳、工装夹钳螺钉、凸轮手柄
Versions:	fixture clamps, side clamps with cam, form-fit cam clamps, fixture clamp screws, cam levers
表面处理：	发黑氧化、电镀锌、淬火硬化、镀黄铜、精磨加工、回火调质、阳极氧化
Finishes:	black oxidised, electro zinc-plated, hardened, brass coated, ground, tempered, anodised

产品说明： Product description:

工装夹钳尤其适用于工件侧向夹紧，保障工件竖向加工作业。结构紧凑，可满足狭小空间内的安装使用需求。
Fixture clamps are particularly suitable for clamping workpieces from the side to enable vertical machining. With their compact design, they are suitable for applications where space conditions are restricted.

产品总览

PRODUCT OVERVIEW

T型槽压板

T-slot clamp



产品规格:

Product versions:

材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	低型压板、平压板、T型槽压板
Versions:	low-profile clamp, flat clamp, T-slot clamp
表面处理:	淬火硬化、镀镍处理、发黑氧化、回火调质
Finishes:	hardened, nickel-plated, black oxidised, tempered

产品说明:

Product description:

T型槽压板在工件夹紧时可形成稳定下压力。适用于平板类工件装夹固定。
T-slot clamps produce a positive down force when the workpiece is clamped. They are suitable for flat workpieces.

楔形夹钳

Wedge clamps



产品规格:

Product versions:

螺纹:	M4 - M16
Thread:	M4 - M16
夹持范围:	12 - 103.9 mm
Clamping range:	12 - 103.9 mm
夹紧力:	2 - 60 kN
Clamping force:	2 - 60 kN
材料:	碳钢、铝型材
Materials:	steel, aluminium profile
款式类型:	双联式、固定夹爪式、可加工式、光面型、齿面型
Versions:	double, with fixed jaw, machinable, smooth, serrated
表面处理:	阳极氧化、发黑氧化、淬火硬化、磷化处理、回火调质、精磨加工
Finishes:	anodised, black oxidised, hardened, phosphated, tempered, ground

产品说明:

Product description:

楔形夹钳可用于单件及多件工件同步夹紧。结构紧凑，能够节省安装空间，实现多工位并列装夹。
Wedge clamps are suitable for clamping both single and multiple workpieces. Their compact design enables spacesaving series clamping.

定心夹钳 Centring clamp



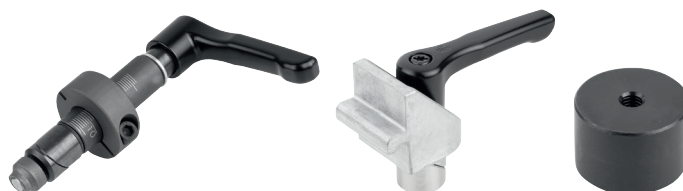
产品规格： Product versions:

夹紧力：	0.5-45 kN
Clamping force:	0.5-45 kN
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	带滚珠、六角结构、内螺纹、外螺纹、芯轴夹头、轴类夹紧单元
Versions:	with balls, hexagon, internal thread, external thread, mandrel collet, shaft clamping units
表面处理：	光亮饰面、发黑氧化、淬火硬化、精磨加工
Finishes:	bright, black oxidized, hardened, ground

产品说明： Product description:

该类定心夹钳可在孔位内完成工件定心与夹紧作业。定心夹钳具备自动定心精度高、无变形夹紧、整体高度低矮等优势。
These centring clamps enable workpieces to be centred on and clamped in a bore. The advantages of centring clamps include precise self-centring, distortion-free clamping and a low overall height.

网格系统专用夹紧元件 Clamping elements for grid systems



产品规格： Product versions:

驱动：	夹紧手柄、六角结构
Actuation:	clamping lever, hexagon
材料：	碳钢、不锈钢、聚甲醛、压铸锌合金
Materials:	steel, stainless steel, POM, die-cast zinc
表面处理：	发黑氧化、塑料喷涂、磷化处理、电镀锌蓝钝。
Surface finish:	black oxidised, plastic coated, phosphated, electro zinc-plated and blue passivated.

产品说明： Product description:

该类夹紧销适用于将不同厚度的标准限位件，固定于孔径16mm或28mm的网格孔工作台/焊接工作台。
These clamping pins are perfect for fixing standard stop elements with various thicknesses to grid hole tables / welding tables with hole Ø 16 mm or 28 mm.

产品总览

PRODUCT OVERVIEW

定位构件

Locating elements



产品规格：
Product versions:

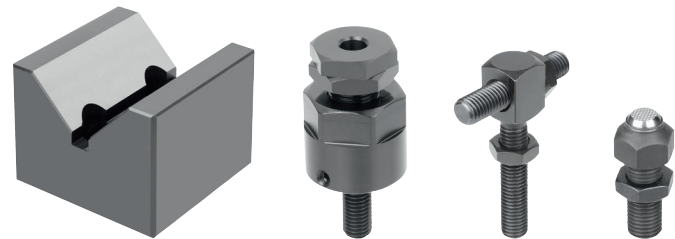
夹持座直径：	5 - 50 mm
Holder Ø:	5 - 50 mm
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型：	台阶螺钉、可拆式定位销、定位组件、定位锥、定位销、圆柱销
Versions:	shoulder screws, removable locating pins, positioning units, positioning cones, locating pins, dowel pins
表面处理：	光亮饰面、淬火硬化、精磨加工、发黑氧化、回火调质
Finishes:	bright, hardened, ground, black oxidised, tempered

产品说明：
Product description:

定位元件适用于工件与工装夹钳的精准定位。可保障工件装夹的高重复定位精度。Locating elements are suitable for positioning workpieces and fixtures. They enable a high degree of repeat accuracy when clamping workpieces.

限位止挡构件

Rest and stop elements



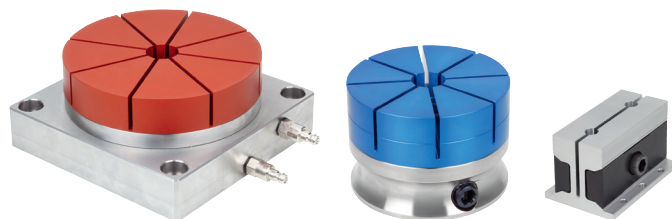
产品规格：
Product versions:

材料：	碳钢、铝合金
Materials:	steel, aluminium
款式类型：	可调限位块、定位支座、立式棱镜、V型块、加长件、支撑元件、承载托座、嵌件、带止推垫块紧定螺钉、定位组件、带接触传感器支撑垫块、支撑构件、支撑气缸、螺旋升降器、五向工件限位块、楔形支撑座、自调心垫块、夹持器、球头止推螺钉、阶梯垫块
Versions:	adjustable stops, locating supports, vertical prisms, V-blocks, extension pieces, support elements, seating ledges, inserts, grub screws with thrust pad, positioning units, rest pads with seating sensor, support elements, support cylinders, screw jacks, 5D workpiece stops, wedge supports, self-aligning pads, grippers, ball-end thrust screws, step blocks
表面处理：	光亮饰面、发黑氧化、阳极氧化、回火调质、精磨加工、喷漆处理
Finishes:	bright, black oxidised, anodised, tempered, ground, painted

产品说明：
Product description:

支撑与限位元件适用于工件及夹钳的定位、支撑与锁紧固定。可保障工件装夹的高重复定位精度。Support and stop elements are suitable for positioning, supporting and securing workpieces and fixtures. They enable a high degree of repeat accuracy when clamping workpieces.

成型夹持系统 Form holding systems



产品规格： Product versions:

夹持范围：	10 - 140 mm
Clamping range:	10 - 140 mm
铣削深度：	1 - 25 mm
Milling depth:	1 - 25 mm
材料：	碳钢、铝合金
Materials:	steel, aluminium
款式类型：	气动式、机械式、外夹式、内胀式、矩形结构
Versions:	pneumatic, mechanical, external clamping, internal clamping, rectangular

产品说明： Product description:

仿形夹紧系统用于夹持不规则轮廓工件。分为气动驱动与机械驱动两种类型。两种不同夹头结构，可实现工件外夹固定或内胀夹紧。夹头定位精度优异，可保障工件装夹的高重复定位精度。

Form holding systems are used to clamp workpieces with asymmetrical contours. Systems with pneumatic and mechanical actuation are available. Two different collet types make it possible to clamp workpieces either externally or internally. A high degree of repeat accuracy is achieved due to the collets precise positioning.

工件稳定装置 Workpiece stabiliser



产品规格： Product versions:

夹持范围：	255 - 1,500 mm
Clamping range:	255 - 1,500 mm
材料：	钢
Material:	steel
款式类型：	加长轴、微调组件、磁吸组件、紧固套件、夹紧钢带组件、带座夹紧球、带收纳箱工件稳定器套件
Versions:	extension shafts, fine adjustment, magnet, fastening sets, clamp strap unit, clamping balls with cup, workpiece stabiliser set with case
表面处理：	光亮饰面、发黑氧化
Surfaces:	bright, black oxidised

产品说明： Product description:

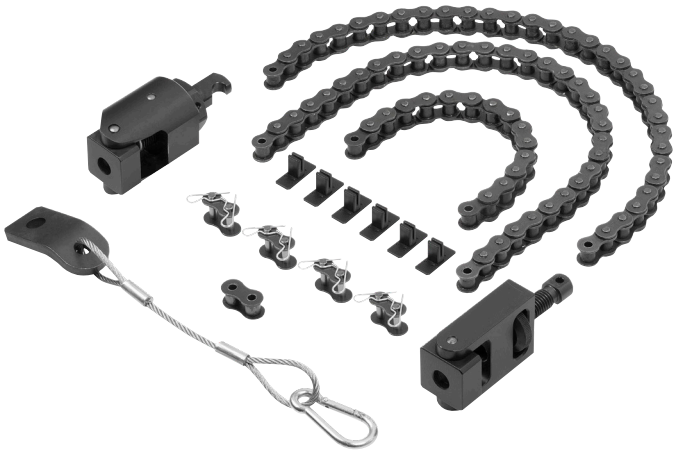
工件稳定器专为薄壁及易振工件加工场景研发，可最大限度抑制振动与摆动。该产品可通过多种方式固定于工件与机床工作台，整体适配性极强。The workpiece stabiliser has been developed specifically to minimise vibrations and oscillations when machining sensitive and thin-walled workpieces. This system is extremely flexible thanks to its different methods of fastening to the workpiece and the machine table.

产品总览

PRODUCT OVERVIEW

链式夹钳

Chain clamp



产品规格:
Product versions:

夹紧力: 15 - 120 kN
Clamping force: 15 - 120 kN
材料: 钢
Material: steel
款式类型: 链条夹钳套件、滚子链条、松紧螺套、V型棱镜
Versions: chain clamp sets, roller chains, turnbuckles, prisms

产品说明:
Product description:

链条拉紧器主要应用于机械制造与设备工程领域。
能够以最简捷高效的方式，稳固夹持圆柱形、异形及超大尺寸工件。
Chain tensioners are used mainly in machine and plant construction.
They can be used to clamp cylindrical, unsymmetrical or large / very large workpieces securely and effectively in the simplest and quickest way.

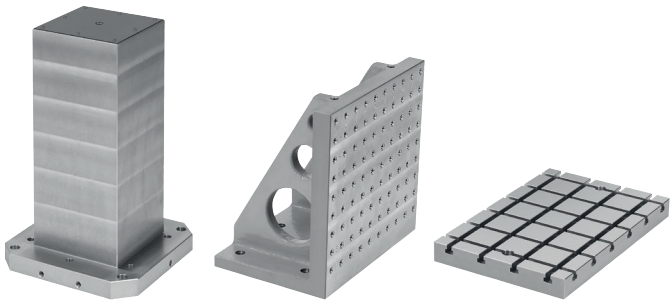
基础构件

Basic elements



产品规格:
Product versions:

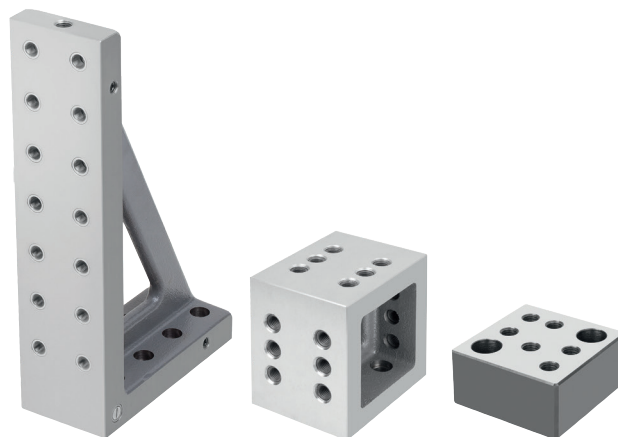
规格类型: 基础底板、工装板、辅助垫板、工装立柱、单面立式夹钳、双面立式夹钳、三面工装塔、四面工装塔、六面工装塔、八面工装塔
Variants: baseplates, tooling plates, subplates, workholding towers, single-sided tombstones, double-sided tombstones, 3-sided workholding towers, 4-sided workholding towers, 6-sided workholding tower, 8-sided workholding towers
槽宽: 14 H7, 18 H7
Slot width: 14 H7, 18 H7
网格孔规格: D12F7/M12, D16F7/M16
Grid holes: D12F7/M12, D16F7/M16
材料: 灰铸铁材质
Materials: grey cast iron
款式类型: 带网格孔、无网格孔、带T型槽（工装板、辅助垫板）、多工位夹紧系统专用、集成UNILOCK零点定位夹紧系统
Versions: with grid holes, without grid holes, with T-slots (tooling plates, subplates), for multi-clamping systems, with UNILOCK zero-point clamping system



产品说明:
Product description:

基础构件是搭建工件装夹结构的核心组成部分。网格系统提供多种规格尺寸。适用于各类机床设备。可根据需求提供定制化版本。
Basic elements are essential for workpiece clamping structures. There are various grid system sizes available. They are suitable for all machine tools. Custom-made versions are available on request.

附加配件 Add-on elements



产品规格： Product versions:

支撑高度：	25-250 mm
Support height:	25-250 mm
网格孔规格：	D12F7/M12, D16F7/M16
Grid holes:	D12F7/M12, D16F7/M16
材料：	铸铁、碳钢
Materials:	cast iron, steel
款式类型：	立式夹钳、安装支架、垫高块、紧固垫块、精密增高垫块、圆形定位板
Versions:	tombstones, mounting brackets, riser blocks, fastening blocks, precision riser blocks, round positioning plates

产品说明： Product description:

附加元件用作工件与夹钳装夹的垫高支撑件。多种高度与结构型式的元件，可提升夹紧系统的使用灵活性。
Add-on elements are used as riser elements for clamping workpieces and fixtures. Elements of various heights and designs increase the flexibility of the clamping system.

紧固元件/配件 Fastener elements / accessories



产品规格： Product versions:

螺纹规格：	M3 - M36
Thread Ø:	M3 - M36
螺纹长度：	10 - 400 mm
Thread length:	10 - 400 mm
材料：	碳钢、不锈钢
Materials:	steel, stainless steel
表面处理：	回火调质、发黑氧化、表面渗碳硬化、镀铬处理、光亮饰面
Surfaces:	tempered, black oxidised, case hardened, chromed, bright

产品说明： Product description:

紧固件用于零部件的定位与锁紧固定。淬火硬化及回火调质的表面处理工艺，使其具备极佳耐用性。配件包含连接、定位及紧固类元件。涵盖各类定心销、台阶螺钉、螺纹衬套与定位衬套。
Fastener elements are for positioning and securing components. The hardened and tempered finishes make them very durable. The accessories include elements for connecting, positioning and fastening. There is a wide range of centring pins, shoulder screws, tapped and locating bushes.

产品总览

PRODUCT OVERVIEW

零点定位夹紧系统

Zero-point clamping system



产品规格:

Product versions:

类型:	UNILOCK零点定位系统
Type:	UNILOCK
保持锁紧力:	35,000 - 75,000 N
Retaining force:	35,000 - 75,000 N
支撑高度:	28 - 50 mm
Support height:	28 - 50 mm
操作端:	气动式/机械式
Actuator:	pneumatic / mechanical
材料:	碳钢、铝合金
Materials:	steel, aluminium
款式类型:	夹紧单元、夹紧模块、工装塔、夹紧模块增高座、回转夹紧单元、手动夹紧模块、接口安装条、可互换垫板、夹紧销、防护螺栓、防护盖板
Versions:	clamping stations, clamping modules, workholding towers, clamping module risers, turn clamping stations, manual clamping modules, port strips, interchangeable subplates, clamping pins, protection bolts, covers
夹紧模块:	1x, 2x, 4x, 6x, 8x
Clamping modules:	



产品说明:

Product description:

UNILOCK零点定位夹紧系统可在各类机床与加工中心上, 实现夹钳及工件的快速精准装夹与基准定位。气动系统在无压力状态下完成锁紧。该系统核心优势为超高锁紧保持力与超高重复定位精度。

The UNILOCK zero-point clamping system enables quick and accurate clamping and referencing of fixtures and workpieces on all machine tools and machining centres. The pneumatic system clamps in a non-pressurised state. The key features of this system are its high retaining forces and high degree of repeat accuracy.

80型五轴模块化夹紧系统

5-axis module clamping system 80



产品规格:

Product versions:

类型:	UNILOCK 80规格
Type:	UNILOCK system size 80
保持锁紧力:	35,000 - 75,000 N
Retaining force:	35,000 - 75,000 N
支撑高度:	75 - 400 mm
Support height:	75 - 400 mm
操作端:	机械式
Actuator:	mechanical
材料:	钢
Materials:	steel
款式类型:	基础模块、底板、夹紧模块、端面夹持件、减压补偿夹紧螺栓、定心夹紧螺栓、台阶螺钉
Versions:	basic module, baseplate, clamping module, face grip, reduction/compensation clamping bolts, centring clamping bolts, shoulder screws



产品说明:

Product description:

80型五轴模块化夹紧系统专为无遮挡五面加工设计, 无突出边缘干涉。工件可单次装夹完成全工序加工, 确保极高的重复定位精度。模块采用机械驱动方式, 可输出超大夹紧力。

The 5-axis modular clamping system 80 has been developed specifically for 5-side machining free from projecting edges. The workpieces can then be machined completely in a single clamping operation, guaranteeing a very high degree of repeat accuracy. As the modules are actuated mechanically, it is possible to achieve a high degree of clamping force.

50型五轴模块化夹紧系统 5-axis module clamping system 50



产品规格： Product versions:

类型:	UNILOCK 50规格
Type:	UNILOCK size 50
保持锁紧力:	15,000 - 25,000 N
Retaining force:	15,000 - 25,000 N
支撑高度:	50-200 mm
Support height:	50-200 mm
驱动:	机械式
Actuation:	mechanical
材料:	钢
Materials:	steel
款式类型:	基础模块、扩展模块、变径转接座、夹紧销
Versions:	basic module, add-on module, reducer adapter, clamping pins

产品说明： Product description:

50型五轴模块化夹紧系统专为无遮挡五面加工设计，无突出边缘干涉。该产品适用于小型复杂工件的装夹作业。工件可通过单次装夹完成全流程加工。
The 5-axis modular clamping system 50 has been developed specifically for 5-side machining free from projecting edges. It is ideal for clamping smaller, complex workpieces. These can then be machined completely in a single clamping operation.

定位夹紧一体化系统 Locating and clamping systems



产品规格： Product versions:

类型:	球锁装置、气动定位夹紧系统、定位转接件、定心夹钳、夹紧销、定心衬套
Type:	Ball Lock, pneumatic positioning and clamping systems, locating adapters, centring clamps, clamping pins, centring bushes
操作端:	机械式/气动式
Actuator:	mechanical / pneumatic
材料:	碳钢、不锈钢
Materials:	steel, stainless steel
款式类型:	定位气缸、定心衬套、定位衬套
Versions:	locating cylinder, locating bush, positioning bush

产品说明： Product description:

该定位夹紧系统可实现工装与底板的精准定位及牢固锁紧。机械式与气动式系统均由定位气缸、定心衬套及定位衬套组成。系统具备自装配特性，安装便捷高效。
The positioning and clamping system allows precise positioning and fastening of tooling and baseplates. The mechanical or pneumatic system consists of a locating cylinder, centring bush and locating bush. Easy installation of the system is achieved through self-installation.

产品总览

PRODUCT OVERVIEW

KIPPFlexX五轴虎钳/紧凑型五轴夹紧系统

KIPPFlexX 5-axis vice / 5-axis clamping system compact



产品规格:

Product versions:

类型:	KIPPFlexX五轴虎钳、紧凑型五轴虎钳
Types:	5-axis vice KIPPFlexX, 5-axis vice compact
夹持范围:	20 - 780 mm
Clamping range:	20 - 780 mm
钳口宽度:	90 mm, 125 mm
Jaw width:	90 mm, 125 mm
夹紧高度:	150 mm, 155 mm, 180 mm
Clamping height:	150 mm, 155 mm, 180 mm
材料:	钢
Material:	steel
款式类型:	钳口、承载托座、加长轴、转接轴、基础底板、夹紧销、气缸夹紧套件、交叉夹紧联轴器、限位套件、爪式夹紧套件、摆动钳口、中间钳口、扭矩扳手
Versions:	jaws, seating ledges, extension shafts, adapter shafts, baseplates, clamping pins, cylinder clamping set, couplings for cross-clamping, stop sets, claw clamp sets, pendulum jaws, middle jaws, torque wrench



产品说明:

Product description:

KIPPFlexX五轴虎钳具备稳定性强、适配性广、操作便捷的特点。该五轴虎钳可作为定心虎钳或标准虎钳使用。工件装夹时，操作人员可自主选择是否采用定心夹紧模式。

The KIPPFlexX 5-axis vice is distinguished by its high stability, flexibility, and user-friendliness. This 5-axis vice can be used either as a centric vice or standard vice. When clamping workpieces, the operator can decide whether or not centric clamping is suitable.

三轴夹紧系统/五轴夹紧系统

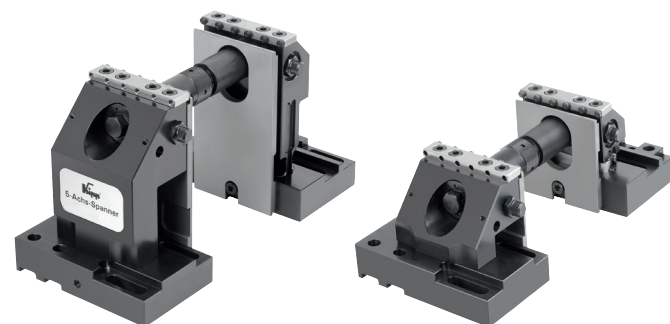
3-axis clamping system / 5-axis clamping system



产品规格:

Product versions:

类型:	三轴虎钳、五轴虎钳
Type:	3-axis vice, 5-axis vice
夹紧宽度:	22-236 mm (22-1,000 mm)
Clamping width:	22-236 mm (22-1,000 mm)
夹紧高度:	100 mm, 105 mm, 125 mm, 150 mm, 175 mm, 200 mm, 225 mm, 250 mm
Clamping height:	100 mm, 105 mm, 125 mm, 150 mm, 175 mm, 200 mm, 225 mm, 250 mm
钳口宽度:	100 mm
Jaw width:	100 mm
适配网格间距:	40 mm, 50 mm
For grid spacing:	40 mm, 50 mm
适配网格孔:	D12F7/M12, D16F7/M16
For grid holes:	D12F7/M12, D16F7/M16
适配槽距:	63 mm, 80 mm, 100 mm, 125 mm
For slot spacing:	63 mm, 80 mm, 100 mm, 125 mm
材料:	钢
Materials:	steel
款式类型:	增高垫板、支撑垫块、下压式钳口、圆形工件专用钳口转接件、加长轴钳口销、限位套件、标准钳口板、毛坯钳口板、T型槽板、紧固套件、扭矩扳手
Versions:	riser plates, seating blocks, draw-down jaws, jaw adapters for round workpieces, extension shaft jaw pins, stop set, standard jaw plates, blank jaw plates, T-slot plates, fastening set, torque wrench



产品说明:

Product description:

五轴夹紧系统可实现无边缘干涉、低振动加工，可承受超大切削力与进给载荷。可搭配极短刀具使用，确保工件满足公差与表面质量要求。高度调节范围为100至250mm。

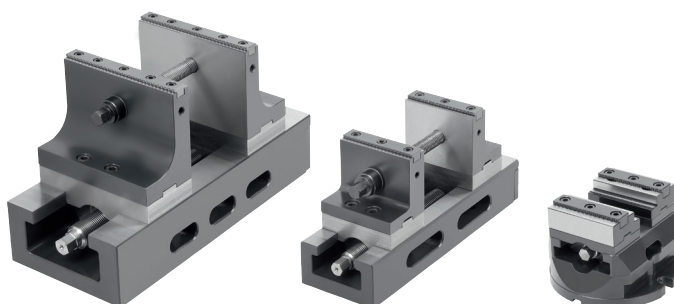
The 5-axis clamping system enables machining free of protruding edges and vibration, with extremely high cutting and feed forces. It enables the use of extremely short tools in order to guarantee the required tolerances and finishes. It can vary in height from 100 to 250 mm.

定心虎钳 Centric vices



产品规格： Product versions:

类型：	定心虎钳
Type:	centric vice
夹持范围：	0-55 mm, 6-161 mm, 6-276 mm
Clamping range:	0-55 mm, 6-161 mm, 6-276 mm
钳口宽度：	65 mm, 80 mm, 125 mm
Jaw width:	65 mm, 80 mm, 125 mm
底板长度：	113 mm, 202 mm, 316 mm
Baseplate length:	113 mm, 202 mm, 316 mm
材料：	钢
Materials:	steel
款式类型：	组合式阶梯钳口、五轴加工专用阶梯钳口、阶梯钳口嵌件、旋装式钳口、V型钳口、铰接式限位块、底板
Versions:	attachment stepped jaws, attachment stepped jaws for 5-axis machining, inserts for stepped jaws, screw-on jaws, prism jaws, jointed stops, baseplates



产品说明： Product description:

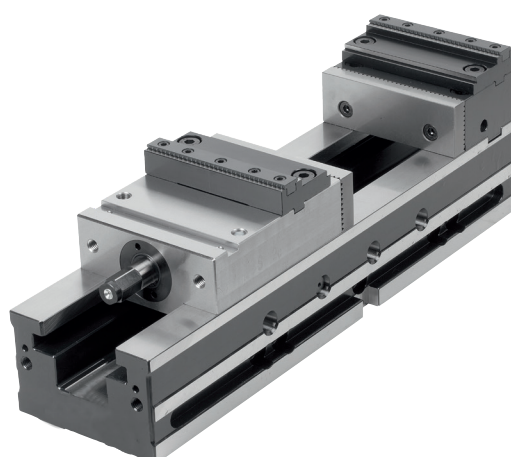
定心虎钳尤其适用于需要中心定位工件装夹的工况。定心虎钳标准配置零点定位系统接口、自动化搬运系统接口及网格系统转接板。
Centric vices are especially suitable for clamping tasks in which workpiece clamping is positioned centrally. Centric vices are equipped with an interface for zero-point clamping systems, an interface for handling systems (suitable for automation) and an adapter plate for grid systems as standard.

数控虎钳 NC Vices



产品规格： Product versions:

类型：	数控虎钳
Type:	NC vice
钳口宽度：	125 mm
Jaw width:	125 mm
夹持范围：	0-239 mm
Clamping range:	0-239 mm
底板长度：	470 mm
Baseplate length:	470 mm
总长：	最大564mm
Overall length:	max. 564 mm
适配槽距：	63 mm, 100 mm
For slot spacing:	63 mm, 100 mm
材料：	钢
Materials:	steel
款式类型：	下压式钳口、组合阶梯钳口、V型钳口、角度驱动机构
Versions:	draw-down jaws, attachment stepped jaws, prism jaws, angle drives



产品说明： Product description:

数控虎钳是通用性极强的工件夹紧设备。数控虎钳借助锁紧销可快速预调夹持行程，短时间内适配不同规格工件。丰富多样的钳口板，可将工件调整至最优夹持位置。
NC vices are highly versatile pieces of equipment for clamping tasks. As the clamping range can be pre-adjusted quickly using a locking pin, the NC vice can be modified to fit various workpiece sizes in a short time. A wide variety of jaw plates ensures that the workpiece can be placed in the ideal clamping position.

产品总览

PRODUCT OVERVIEW

多工位夹紧系统

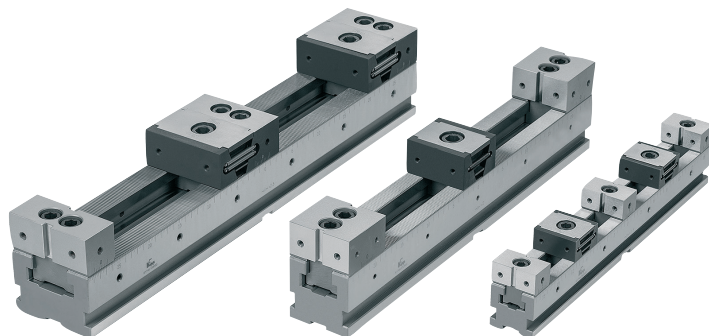
Multi-clamping system



产品规格:

Product versions:

类型:	多工位夹紧系统
Type:	multi-clamping system
螺纹规格:	M12, M16
Thread Ø:	M12, M16
安装孔位:	25H6, 16H6, 12F7, 16F7
Fastening holes:	25H6, 16H6, 12F7, 16F7
长度规格:	130 - 700 mm
Lengths:	130 - 700 mm
宽度规格:	50 mm, 72 mm, 100 mm
Widths:	50 mm, 72 mm, 100 mm
材料:	钢
Materials:	steel
款式类型:	夹紧导轨、短款夹紧导轨、楔形压板、固定钳口式楔形压板、ES固定钳口、DS固定钳口、承载托座、可加工组合钳口、V型钳口、工件限位块、间隔垫块、爪式夹紧套件、T型槽键、组合装配件
Versions:	clamping rails, short clamping rails, wedge clamps, wedge clamps with fixed jaws, fixed jaws ES, fixed jaws DS, seating ledges, machinable attachment jaws, prism jaws, workpiece stops, spacers, claw clamp sets, T-slot keys, assemblies



产品说明:

Product description:

该夹紧系统可同时装夹多件工件。适用于大批量规模化生产。通过搭配基础导轨、限位块、楔形压板等各类组件，可夹持多种规格尺寸的工件。This clamping system can be used to clamp a number of workpieces at the same time. This makes it suitable for larger batch sizes. Different elements, such as base rails, stops and wedge clamps, make it possible to clamp workpieces of various sizes.

固定式卡盘

Stationary chuck



产品规格:

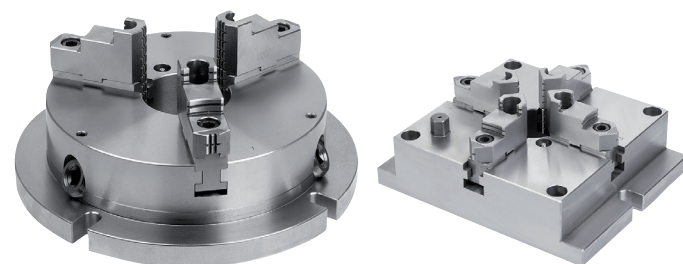
Product versions:

类型:	固定式卡盘
Type:	stationary jaw chuck
夹持范围:	4 - 300 mm
Clamping range:	4 - 300 mm
材料:	钢
Materials:	steel
款式类型:	三爪卡盘、四爪卡盘、软爪
Versions:	3-jaw chuck, 4-jaw chuck, jaws soft

产品说明:

Product description:

固定式卡盘特别适用于钻床与铣床上的定心工件装夹作业。硬爪与软爪可灵活搭配布置，能够从容实现不同尺寸、异形工件的内涨或外夹装夹。Stationary jaw chucks are particularly suitable for centric workpiece clamping on drilling and milling machines. Due to the flexible arrangement of the clamping jaws in hard and soft design, workpieces with different sizes and shapes can be clamped from the inside - or outside without any problems.





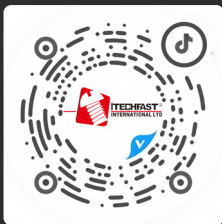
Bansbach
easylift

深圳市艾泰科精密组件有限公司还供应德国Bansbach Easylift品牌系列气弹簧、阻尼器、电动推杆、液压泵和其他气动液压产品，并可以为客户提供协助选型和特殊定制服务！

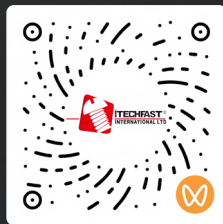
ATK also supply Bansbach Easylift brand series of gas springs, dampers, electric actuators, hydraulic pumps and other pneumatic&hydraulic products, and can provide customers with assistance in selection and special customization services!



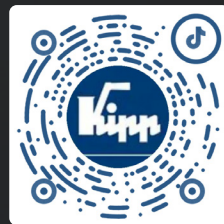
EASYLIFT SYSTEM



艾泰科抖音号



艾泰科微信公众号



KIPP抖音号



KIPP微信公众号

KIPP中国区销售中心

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