

智能制造 创造未来

INNOVATE WITH SMART SOLUTIONS

**珠海广浩捷科技股份有限公司**

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## 工业快换夹持定位系统

Industrial Quick Change Clamping System

# COMPANY PROFILE

## 企业介绍

珠海广浩捷科技股份有限公司, 自2009年3月成立以来, 始终深耕于工业自动化领域, 是一家集研发、制造、销售与服务于一体的高新技术企业, 并获评广东省专精特新企业及广东省制造业500强称号。

公司以创新为引擎, 专注于为全球制造业客户提供领先的工业夹持与自动化解决方案。从精密零部件到大型生产系统, 广浩捷凭借深厚的技术积累与丰富的行业经验, 致力于帮助客户提升生产效率、实现智能化升级。

成立至今, 广浩捷已为450+知名企业提供解决方案, 已成为行业值得信赖的合作伙伴, 产品与服务广泛应用于汽车制造、精密电子、新能源等多个领域, 以卓越品质与专业服务助力全球智能制造。



### NEXTAS Co., Ltd

Since its establishment in March 2009, the company has been deeply committed to the field of industrial automation. As a high-tech enterprise integrating R&D, manufacturing, sales, and service, it has been recognized as a Guangdong Provincial Specialized, Refined, Distinctive, and Innovative Enterprise and ranked among the Top 500 Manufacturing Enterprises in Guangdong Province.

Driven by innovation, the company focuses on providing leading industrial workholding and automation solutions for global manufacturing clients. From precision components to large-scale production systems, NEXTAS leverages its profound technological expertise and extensive industry experience to help customers enhance production efficiency and achieve intelligent upgrades.

To date, NEXTAS has provided solutions for over 450 renowned enterprises, establishing itself as a trusted partner in the industry. Its products and services are widely applied in various sectors including automotive manufacturing, precision electronics, and new energy, contributing to global smart manufacturing with exceptional quality and professional service.

深耕行业 Industry Experience	占地面积 Floor Area	员工总数 Total Employees	知识产权 Intellectual Property (IP)
<b>17</b> 年	<b>4,3600</b> m <sup>2</sup>	<b>600</b> +	<b>400</b> +



# TECHNICAL CABILITIES

## 专业实力

### 16年 深厚技术沉淀

Profound Technical Accumulation

- 400+项知识产权 (包含发明专利、实用新型、软件著作权等)

Our innovation is protected by an extensive library of 400+ intellectual property assets, spanning invention patents, utility models, and software copyrights.

- 55%研发技术人员占比  
R&D technical staff make up 55% of our employees.



### 质量保障体系

Quality Assurance (QA) System

三重基石, 构建全面保障体系

A Triple Foundation for a Comprehensive Safeguard System.

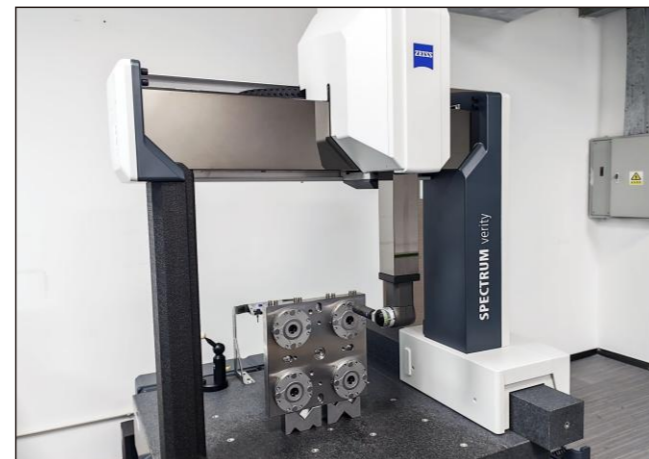
- ISO9001质量管理体系  
ISO 9001 Quality Management System (QMS)
- ISO14001环境管理体系  
ISO 14001 Environmental Management System (EMS)
- CE产品安全认证  
CE Certification



### 精密测量设备30+

Precision Measurement Equipment

- 蔡司三坐标测量机  
ZEISS Coordinate Measuring Machine (CMM)
- 海克斯康三坐标测量机  
Hexagon Coordinate Measuring Machine (CMM)
- 基恩士2.5D高精度测量仪  
KEYENCE Vision Measuring System (2.5D High-Precision)
- Easson 2D/3D高清影像测量仪  
Easson 2D/3D High-Definition Vision Measuring System



### 精密制造设备110+ (台)

Precision Manufacturing Equipment

- 日本大隈立式加工中心  
(Okuma) Vertical Machining Center
- 日本松浦五轴加工中心  
(Matsuura) 5-Axis Machining Center
- 日本冈本数控磨床  
(Okamoto) CNC Grinding Machine
- 美国哈挺精密车床  
(Hardinge) Precision Lathe
- 日本兄弟三轴/四轴CNC  
(Brother) 3-Axis / 4-Axis CNC Machining Center



柔性自动化加工生产线  
Flexible Automated Machining Line



大隈立式加工中心  
(Okuma) Vertical Machining Center



松浦五轴加工中心  
(Matsuura) 5-Axis Machining Center



冈本数控磨床  
(Okamoto) CNC Grinding Machine



哈挺精密车床  
(Hardinge) Precision Lathe



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## 目录

智能制造 创造未来  
INNOVATE WITH SMART SOLUTIONS

### 产品系列 Product Line

**01** (07~28)  
MFG零点定位基准系统  
MFG ZERO POINT CLAMPING SYSTEM

**02** (29~53)  
快换基准板系统  
ZERO POINT PLATE SYSTEM

**03** (54~61)  
R系基准卡盘系统  
R-SERIS PNEUMATIC CHUCK SYSTEM

**04** (62~68)  
E系基准卡盘系统  
E-SERIS PNEUMATIC CHUCK SYSTEM

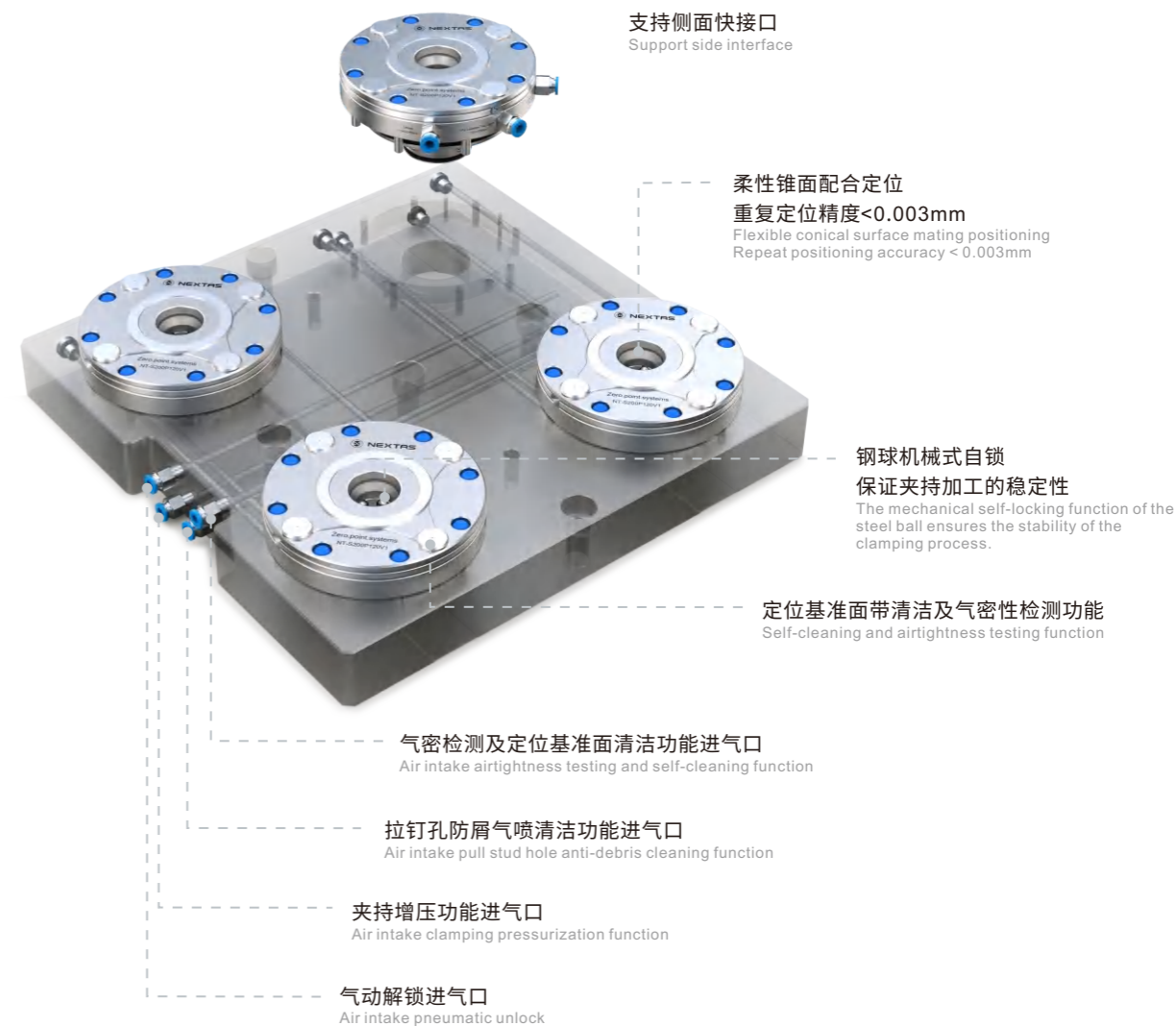
**05** (69~72)  
浮动四爪卡盘  
FOUR-JAW FLOATING CHUCK

**06** (73~78)  
气动定心钳  
PNEUMATIC CENTERING VISE

**07** (79~80)  
定制化解决方案  
CUSTOMIZED SOLUTIONS

# MFG ZERO POINT CLAMPING SYSTEM

## MFG零点定位基准系统



安装灵活性, 支持侧面快接或底板直通, 适配多样集成方案。  
Installation flexibility: supporting side quick connection or direct connection of the base plate, suitable for various integration solutions.

### 技术参数 Technical Specifications

重复定位精度  
Repeat Positioning Accuracy  
**0.003mm**

夹紧力  
Clamping Force  
**>40,000N**

解锁托举抬升承重  
Unlocked Lifting Capacity  
**300Kg**

## 零点拉钉的功能及应用

Functions and Applications of Zero Point Pull Stud

零点拉钉搭配零点卡盘实现快速模式起到定位、夹紧、受力等作用，具备高精度、高强度、稳定性好、操作简单等优点。  
The zero-point pull stud, when paired with a zero-point chuck, enables rapid tool changing by providing precise positioning, clamping, and force transmission. It offers high precision, superior strength, excellent stability, and user-friendly operation.

拉钉具有不同功能安装在托盘使用，客户可根据实际需要来选择合适的拉钉类型。  
Pull studs serve various functions when installed on pallets. Customers can select the appropriate pull stud type based on actual requirements.

零点拉钉的常用分布  
Common Distribution of Zero-Point Pull Studs

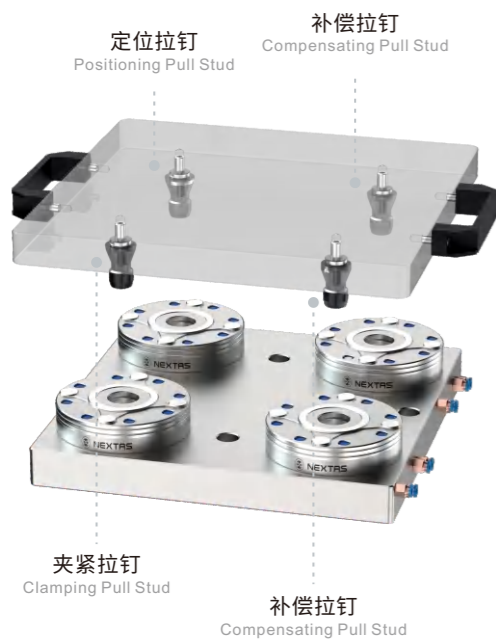
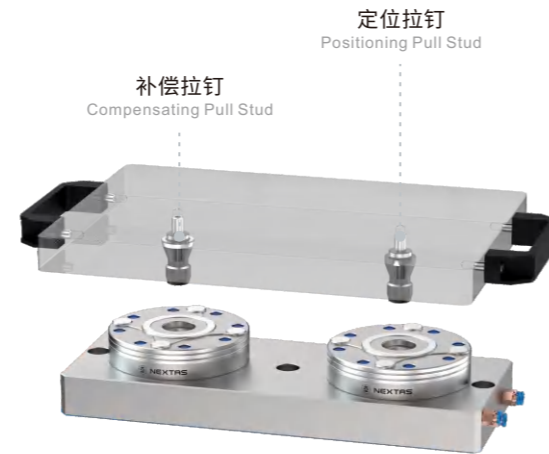


- **定位拉钉**:起限制X, Y方向自由的作用。  
Positioning Pull Stud: Restricts degrees of freedom in X and Y directions.
- **补偿拉钉**:只限制旋转自由,起定向作用。  
Compensating Pull Stud: Restricts rotational freedom only, providing directional alignment.
- **夹紧拉钉**:起增加拉紧力作用。  
Clamping Pull Stud: Functions to increase clamping force.

### 两位零点拉钉安装示意图

Installation Diagram of Dual-Station Zero Point Pull Studs

- 两位零点拉钉安装只有一种安装方式；  
The Dual-station zero-point pull studs have only one installation method.
- 将定位拉钉安装于切换板上安装槽内，补偿拉钉安装于另一个安装槽内。  
Install the positioning pull stud into one mounting slot on the change plate, and install the compensation pull stud into the other slot.



### 四位零点拉钉安装示意图

Installation Diagram of Four-Station Zero Point Pull Studs

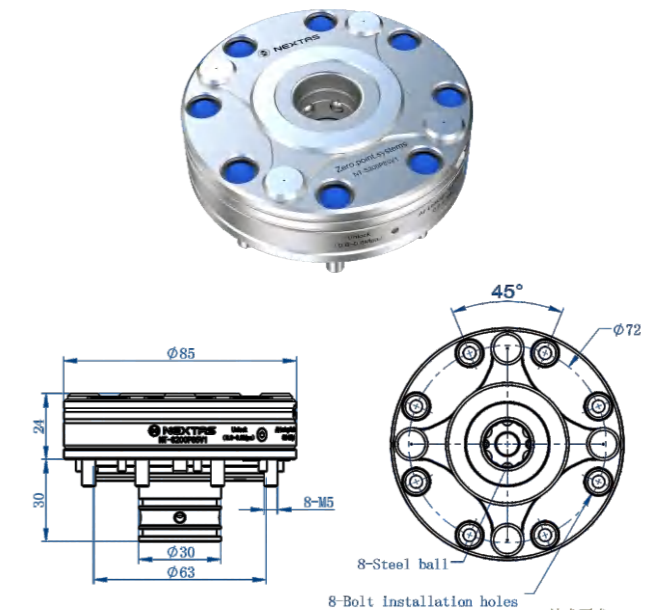
- 定位拉钉起到限制X, Y方向自由度作用, 成为参考基点；  
The positioning pull stud functions to restrict degrees of freedom in the X and Y directions, thereby establishing the primary reference datum point.
- 补偿拉钉只限制旋转方向自由度, 夹紧拉钉只起到增加拉紧力作用, 这样可以保证整个托盘完全定位, 避免过定位。  
The compensation stud restricts only rotational movement, while the clamping stud provides the axial clamping force. This optimized division of function ensures the pallet is fully located and rigidly held, while intentionally preventing over-constraint.

## P85零点定位基准

P85 Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake / side air intake



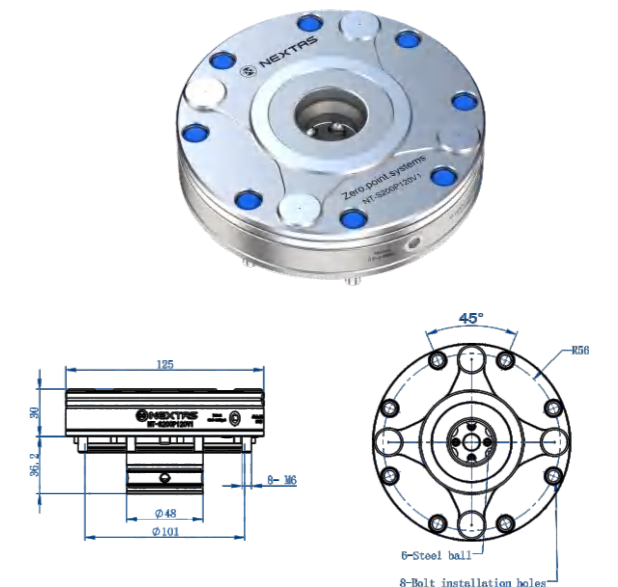
产品编号 Item No.	夹紧力 Clamping Force	托举抬升 承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.			重量 Weight
				定位拉钉 Positioning Pull Stud	补偿拉钉 Compensating Pull Stud	夹紧拉钉 Clamping Pull Stud	
NT-S200P85V1	4,000(N)	30Kg	气压 Air Pressure	NT-S200P25V1	NT-S200P25V2	NT-S200P25V3	1Kg

## P120零点定位基准

P120 Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake / side air intake



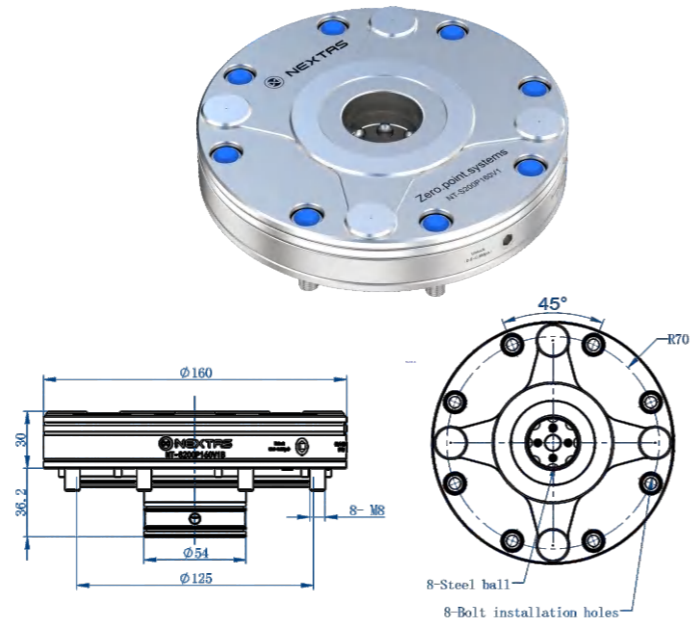
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				定位拉钉 Positioning Pull Stud	补偿拉钉 Compensating Pull Stud	夹紧拉钉 Clamping Pull Stud	
NT-S200P120V1	12,000(N)	100Kg	气压 Air Pressure	NT-S200P30V1	NT-S200P30V2	NT-S200P30V3	3Kg

## P160零点定位基准

P160 Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



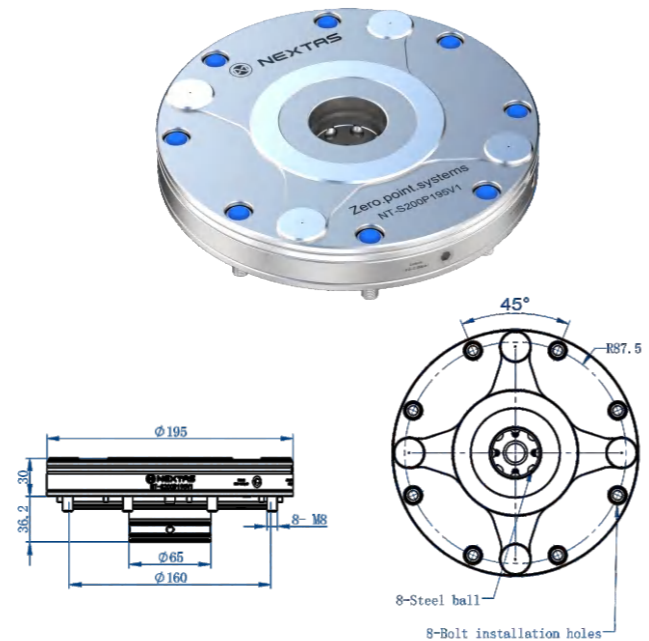
产品编号 Item No.	夹紧力 Clamping Force	托举抬升 承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.			重量 Weight
				定位拉钉 Positioning Pull Stud	补偿拉钉 Compensating Pull Stud	夹紧拉钉 Clamping Pull Stud	
NT-S200P160V1	18,000(N)	250Kg	气压 Air Pressure	NT-S200P35V1	NT-S200P35V2	NT-S200P35V3	4.5Kg

## P195零点定位基准

P195 Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



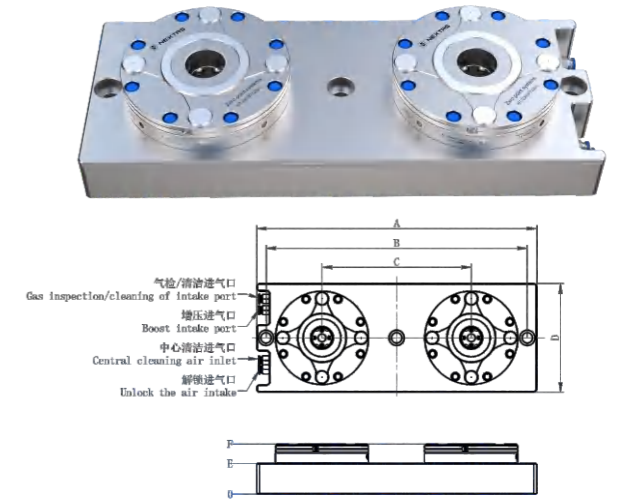
产品编号 Item No.	夹紧力 Clamping Force	托举抬升 承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.			重量 Weight
				定位拉钉 Positioning Pull Stud	补偿拉钉 Compensating Pull Stud	夹紧拉钉 Clamping Pull Stud	
NT-S200P195V1	40,000(N)	300Kg	气压 Air Pressure	NT-S200P40V1	NT-S200P40V2	NT-S200P40V3	7Kg

## 两位零点定位组合模块

Two-station Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



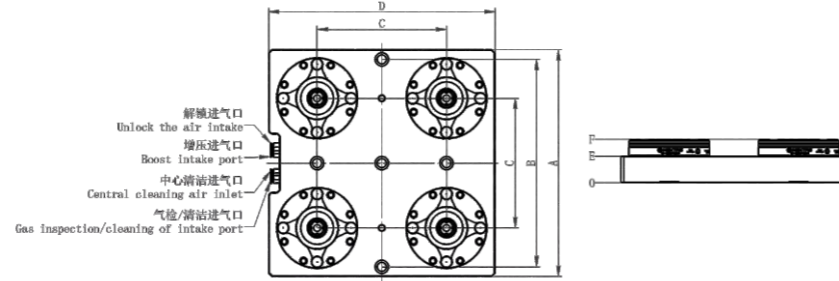
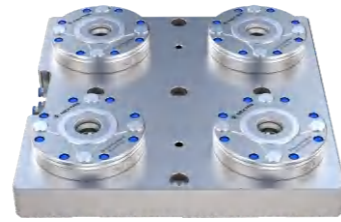
产品编号 Item No.	NT-S200P120ZH2A	NT-S200P120ZH2B	NT-S200P160ZH2A	NT-S200P160ZH2B
夹紧力 Clamping Force	2x12,000(N)	2x12,000(N)	2x18,000(N)	2x18,000(N)
托举抬升承重 Lift Load	2x100Kg	2x100Kg	2x250Kg	2x250Kg
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P30V1	NT-S200P30V1	NT-S200P35V1
	补偿拉钉 Compensating Pull Stud	NT-S200P30V2	NT-S200P30V2	NT-S200P35V2
	夹紧拉钉 Clamping Pull Stud	NT-S200P30V3	NT-S200P30V3	NT-S200P35V3
规格 Specification	A	375mm	475mm	430mm
	B	350mm	450mm	390mm
	C	200mm	300mm	200mm
	D	145mm	145mm	175mm
	E	41mm	41mm	41mm
	F	67mm	67mm	67mm
重量 Weight	19Kg	23Kg	30Kg	35Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 四位零点定位组合模块

Four-station Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



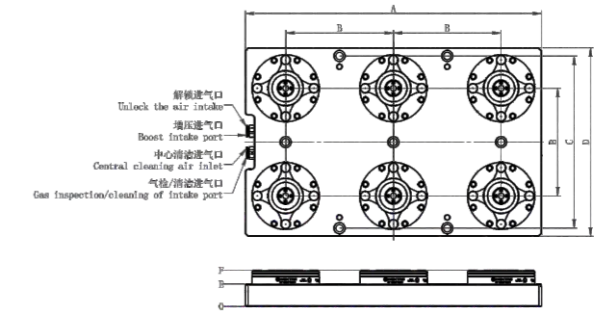
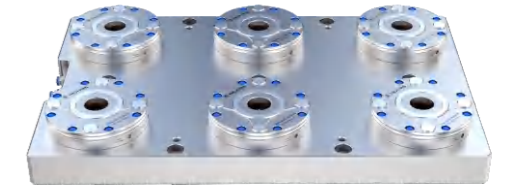
产品编号 Item No.	NT-S200P120ZH4A	NT-S200P120ZH4B	NT-S200P160ZH4A	NT-S200P160ZH4B
夹紧力 Clamping Force	4x12,000(N)	4x12,000(N)	4x18,000(N)	4x18,000(N)
托举抬升承重 Lift Load	4x100Kg	4x100Kg	4x250Kg	4x250Kg
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P30V1	NT-S200P30V1	NT-S200P35V1
	补偿拉钉 Compensating Pull Stud	NT-S200P30V2	NT-S200P30V2	NT-S200P35V2
	夹紧拉钉 Clamping Pull Stud	NT-S200P30V3	NT-S200P30V3	NT-S200P35V3
规格 Specification	A	350mm	450mm	380mm
	B	320mm	420mm	350mm
	C	200mm	300mm	200mm
	D	350mm	450mm	380mm
	E	41mm	41mm	41mm
	F	67mm	67mm	67mm
重量 Weight	46Kg	72Kg	56Kg	84Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 六位零点定位组合模块

Six-station Zero Point Clamping System

### 产品特点 | Product Features

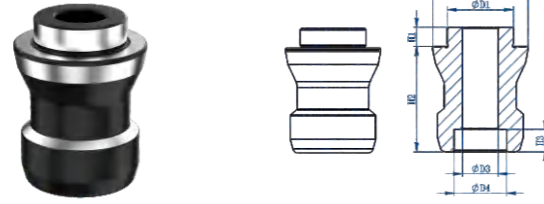
- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



产品编号 Item No.	NT-S200P120ZH6A	NT-S200P120ZH6B	NT-S200P160ZH6A	NT-S200P160ZH6B
夹紧力 Clamping Force	6x12,000(N)	6x12,000(N)	6x18,000(N)	6x18,000(N)
托举抬升承重 Lift Load	6x100Kg	6x100Kg	6x250Kg	6x250Kg
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P30V1	NT-S200P30V1	NT-S200P35V1
	补偿拉钉 Compensating Pull Stud	NT-S200P30V2	NT-S200P30V2	NT-S200P35V2
	夹紧拉钉 Clamping Pull Stud	NT-S200P30V3	NT-S200P30V3	NT-S200P35V3
规格 Specification	A	550mm	650mm	580mm
	B	200mm	300mm	200mm
	C	320mm	420mm	350mm
	D	350mm	450mm	380mm
	E	41mm	41mm	41mm
	F	67mm	67mm	67mm
重量 Weight	72Kg	105Kg	108Kg	120Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 零点定位拉钉

Zero Point Positioning Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P25V1	12mm	17.5mm	6.6mm	11mm	5mm	23mm	4.5mm	0.035Kg
NT-S200P30V1	20mm	29mm	11mm	17mm	5mm	38mm	7mm	0.12Kg
NT-S200P35V1	24mm	34.5mm	13mm	19mm	7mm	38mm	8mm	0.18Kg
NT-S200P40V1	28mm	39.5mm	15mm	22mm	8mm	38mm	9mm	0.25Kg

## 零点补偿拉钉

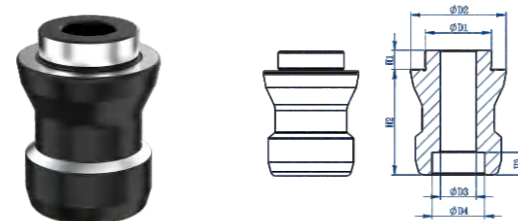
Zero Point Compensating Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P25V2	12mm	17.5mm	6.6mm	11mm	5mm	23mm	4.5mm	0.03Kg
NT-S200P30V2	20mm	29mm	11mm	17mm	5mm	38mm	7mm	0.11Kg
NT-S200P35V2	24mm	34.5mm	13mm	19mm	7mm	38mm	8mm	0.18Kg
NT-S200P40V2	28mm	39.5mm	15mm	22mm	8mm	38mm	9mm	0.24Kg

## 零点夹紧拉钉

Zero Point Clamping Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P25V3	12mm	17mm	6.6mm	11mm	5mm	23mm	4.5mm	0.035Kg
NT-S200P30V3	20mm	28.5mm	11mm	17mm	5mm	38mm	7mm	0.12Kg
NT-S200P35V3	24mm	34mm	13mm	19mm	7mm	38mm	8mm	0.18Kg
NT-S200P40V3	28mm	39mm	15mm	22mm	8mm	38mm	9mm	0.25Kg

## SLIM ZERO-POINT SERIES

### 薄型零点系列



在有限空间内, 实现无限可能 Small Footprint, Massive Impact.

- 突破传统厚度限制, 最大限度释放Z轴行程空间  
Unlock More Z-Axis Travel Through Ultra-Slim Design.
- 在薄型化基础上, 实现完整的定位锁紧功能集成  
Slim Design, True Functionality: Complete Locating & Locking Integrated.

**0.005mm**

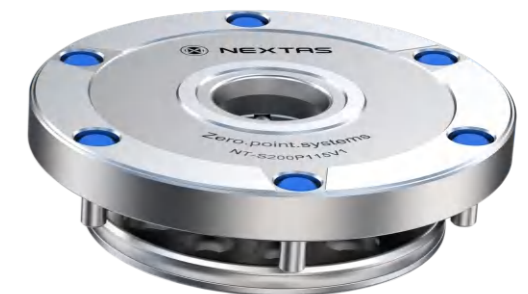
重复定位精度  
Repeat Positioning Accuracy

**14,000N**

夹紧力  
Clamping Force

**150Kg**

解锁托盘抬升承重  
Unlocked Lifting Capacity

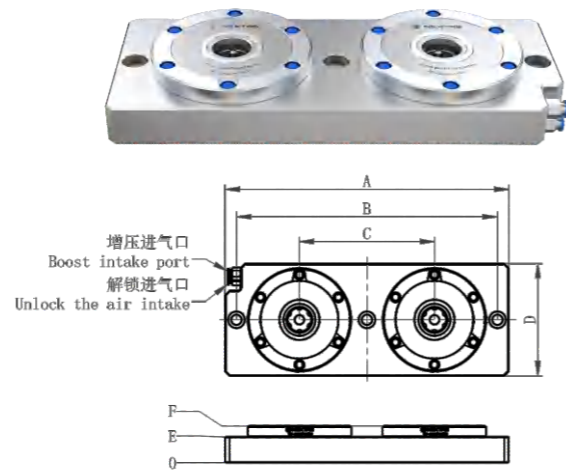


## 两位薄型零点定位组合模块

Two-station Slim Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm



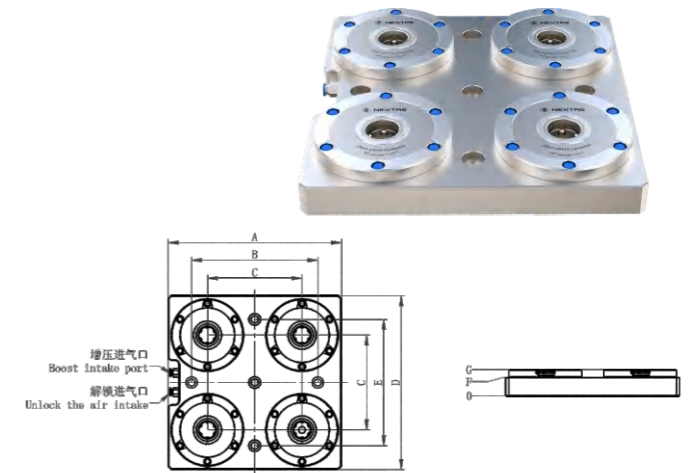
产品编号 Item No.	NT-S200P115H2A	NT-S200P115H2B	NT-S200P178H2A	NT-S200P178H2B
夹紧力 Clamping Force	2x8,000(N)	2x8,000(N)	2x14,000(N)	2x14,000(N)
托举抬升承重 Lift Load	2x70Kg	2x70Kg	2x150Kg	2x150Kg
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉 编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P27C1	NT-S200P27C1	NT-S200P32C1
	补偿拉钉 Compensating Pull Stud	NT-S200P27C2	NT-S200P27C2	NT-S200P32C2
	夹紧拉钉 Clamping Pull Stud	NT-S200P27C3	NT-S200P27C3	NT-S200P32C3
规格 Specification	A	315mm	365mm	485mm
	B	290mm	340mm	460mm
	C	150mm	200mm	250mm
	D	125mm	125mm	185mm
	E	29mm	29mm	29mm
	F	41mm	41mm	44mm
重量 Weight	9.14Kg	10.56Kg	23.67Kg	25.76Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 四位薄型零点定位组合模块

Four-station Slim Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm



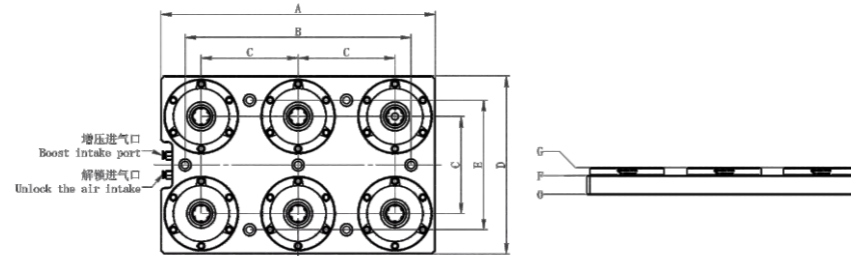
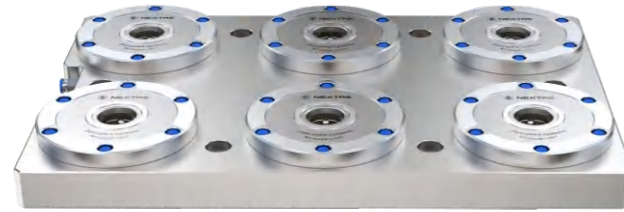
产品编号 Item No.	NT-S200P115H4A	NT-S200P115H4B	NT-S200P178H4A	NT-S200P178H4B
夹紧力 Clamping Force	4x8,000(N)	4x8,000(N)	4x14,000(N)	4x14,000(N)
托举抬升承重 Lift Load	4x70Kg	4x70Kg	4x150Kg	4x150Kg
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉 编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P27C1	NT-S200P27C1	NT-S200P32C1
	补偿拉钉 Compensating Pull Stud	NT-S200P27C2	NT-S200P27C2	NT-S200P32C2
	夹紧拉钉 Clamping Pull Stud	NT-S200P27C3	NT-S200P27C3	NT-S200P32C3
规格 Specification	A	275mm	325mm	445mm
	B	200mm	250mm	370mm
	C	150mm	200mm	250mm
	D	275mm	325mm	445mm
	E	200mm	250mm	370mm
	F	29mm	29mm	29mm
	G	41mm	41mm	44mm
重量 Weight	17.58Kg	24.34Kg	51.55Kg	62.18Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 六位薄型零点定位组合模块

Six-station Slim Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm



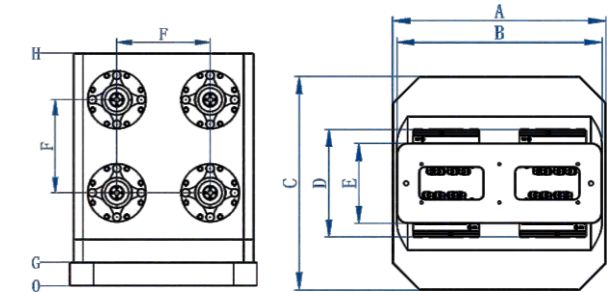
产品编号 Item No.	NT-S200P115H6A	NT-S200P115H6B	NT-S200P178H6A	NT-S200P178H6B
夹紧力 Clamping Force	6x8,000(N)	6x8,000(N)	6x14,000(N)	6x14,000(N)
托举抬升承重 Lift Load	6x70Kg	6x70Kg	6x150Kg	6x150Kg
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉 编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P27C1	NT-S200P27C1	NT-S200P32C1
	补偿拉钉 Compensating Pull Stud	NT-S200P27C2	NT-S200P27C2	NT-S200P32C2
	夹紧拉钉 Clamping Pull Stud	NT-S200P27C3	NT-S200P27C3	NT-S200P32C3
规格 Specification	A	425mm	525mm	695mm
	B	350mm	450mm	600mm
	C	150mm	200mm	250mm
	D	275mm	325mm	445mm
	E	200mm	250mm	370mm
	F	29mm	29mm	29mm
	G	41mm	41mm	44mm
重量 Weight	27.27Kg	33.45Kg	80.13Kg	99.16Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 卧加两面四工位零点定位组合模块

Horizontal Machining Dual-face Four-station Zero Point Clamping System

### 产品特点 | Product Features

- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



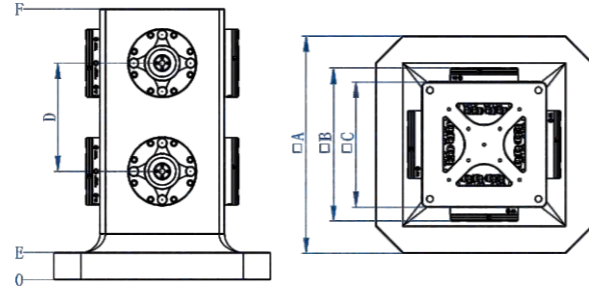
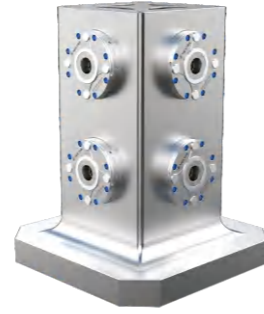
产品编号 Item No.	NT-S200P120WJ4	NT-S200P160WJ4	NT-S200P115WJ4	NT-S200P178WJ4
夹紧力 Clamping Force	4x12,000(N) / Side	4x18,000(N) / Side	4x8,000(N) / Side	4x14,000(N) / Side
托举抬升承重 Lift Load	4x100Kg / Side	4x250Kg / Side	4x70Kg / Side	4x150Kg / Side
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure
适配拉钉编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P30V1	NT-S200P35V1	NT-S200P27C1
	补偿拉钉 Compensating Pull Stud	NT-S200P30V2	NT-S200P35V2	NT-S200P27C2
	夹紧拉钉 Clamping Pull Stud	NT-S200P30V3	NT-S200P35V3	NT-S200P27C3
规格 Specification	A	400mm	400mm	400mm
	B	385mm	400mm	385mm
	C	400mm	400mm	400mm
	D	200mm	200mm	174mm
	E	150mm	150mm	150mm
	F	200mm	200mm	200mm
	G	50mm	50mm	50mm
	H	500mm	500mm	500mm
重量 Weight	285Kg	298Kg	274Kg	288Kg
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.			

## 卧加四面两工位零点定位组合模块

Horizontal Machining Four-face Dual-station Zero Point Clamping System

### 产品特点 | Product Features

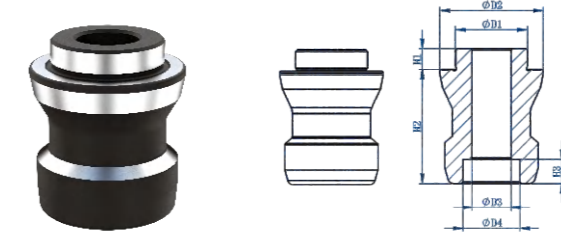
- 锥面式定位  
Tapered positioning
- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 解锁自动抬升功能  
Auto-Lift Function
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度 < 0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 支持安装底板进气/侧面进气方式  
Installation of the base plate air intake/ side air intake



产品编号 Item No.	NT-S200P120WJ2	NT-S200P160WJ2	NT-S200P115WJ2	NT-S200P178WJ2	
夹紧力 Clamping Force	2x12,000(N) / Side	2x18,000(N) / Side	2x8,000(N) / Side	2x14,000(N) / Side	
托举抬升承重 Lift Load	2x100Kg / Side	2x250Kg / Side	2x70Kg / Side	2x150Kg / Side	
解锁方式 Unlocking Method	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	气压 Air Pressure	
适配拉钉 编号 Fitting Pull Stud NO.	定位拉钉 Positioning Pull Stud	NT-S200P30V1	NT-S200P35V1	NT-S200P27C1	NT-S200P32C1
	补偿拉钉 Compensating Pull Stud	NT-S200P30V2	NT-S200P35V2	NT-S200P27C2	NT-S200P32C2
	夹紧拉钉 Clamping Pull Stud	NT-S200P30V3	NT-S200P35V3	NT-S200P27C3	NT-S200P32C3
规格 Specification	A	400mm	400mm	400mm	400mm
	B	282mm	282mm	254mm	254mm
	C	230mm	230mm	230mm	230mm
	D	200mm	200mm	200mm	200mm
	E	50mm	50mm	50mm	50mm
	F	500mm	500mm	500mm	500mm
重量 Weight	200Kg	245Kg	189Kg	235Kg	
备注 Remark	规格可根据客户需求定制。 We can customize specifications to meet your needs.				

## 薄型零点定位拉钉

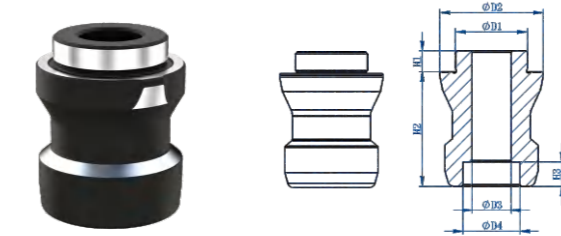
Slim Zero Point Positioning Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P27C1	20mm	27.5mm	11mm	17mm	5mm	26.5mm	7mm	0.079Kg
NT-S200P32C1	24mm	32.5mm	11mm	17mm	5mm	31.5mm	7mm	0.143Kg

## 薄型零点补偿拉钉

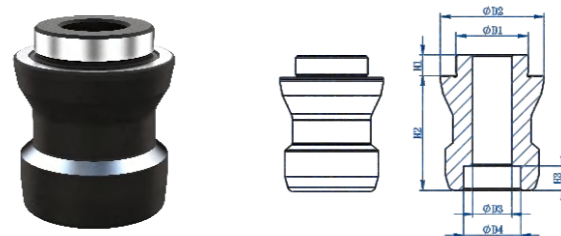
Slim Zero Point Compensating Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P27C2	20mm	27.5mm	11mm	17mm	5mm	26.5mm	7mm	0.078Kg
NT-S200P32C2	24mm	32.5mm	11mm	17mm	5mm	31.5mm	7mm	0.143Kg

## 薄型零点夹紧拉钉

Slim Zero Point Clamping Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P27C3	20mm	27mm	11mm	17mm	5mm	26.5mm	7mm	0.078Kg
NT-S200P32C3	24mm	32mm	11mm	17mm	5mm	31.5mm	7mm	0.143Kg

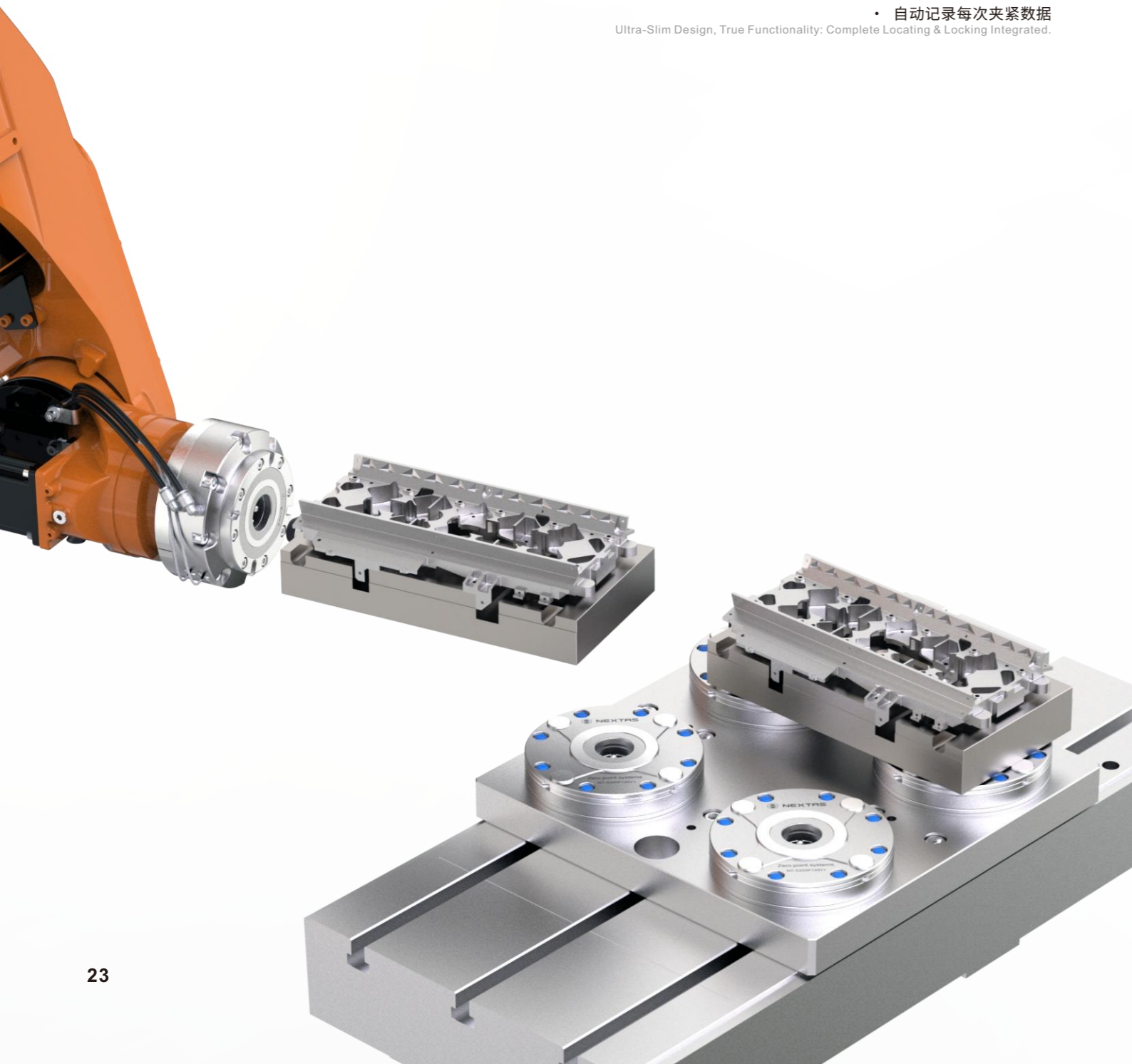
# ROBOT-MOUNTED ZERO-POINT TOOL CHANGER SERIES

## 机械手末端零点系列



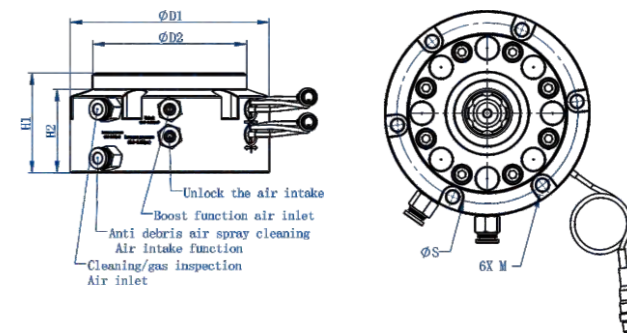
• 内置传感器实时监控夹紧状态  
Unlock More Z-Axis Travel Through Ultra-Slim Design.

• 自动记录每次夹紧数据  
Ultra-Slim Design, True Functionality: Complete Locating & Locking Integrated.

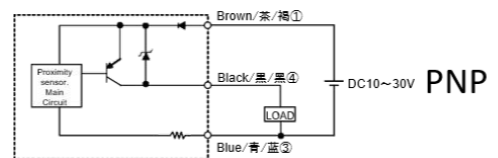
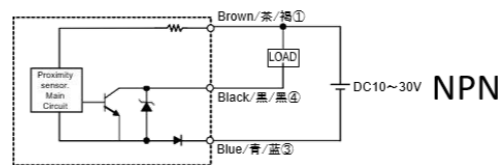
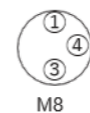


# 传感器零点快换基准

## Sensor Zero Point Clamping System



接口/连接针排列/Pin Arrangement



极性选择 Polarity selection	NPN/PNP、极性可选 NPN/PNP, Polarity selectable
外露线缆 Exposed cable	机器人耐折高柔线缆 Robotic folding resistant highly flexible cables
应答频率 Response frequency	5kHz
检测距离 Detection distance	0~0.56mm
电源电压 Supply voltage	DC10~30V
消耗电流 Current consumption	10mA以下 10mA or less
开闭容量 Open and close capacity	开路集电极50mA以下 Open collector 50mA or less
保护构造 Protective structure	IEC规格IP67 IEC specification Ip67
保护电路 Protection circuit	电源反接保护、浪涌吸收、负载短路保护、输出反接保护 Power reverse connection protection, surge absorption, load short circuit protection, output reverse connection protection.

产品编号 Item No.	夹紧力 Clamping Force	适配拉钉编号 Fitting Pull Stud NO.			重量 Weight
		定位拉钉 Positioning Pull Stud	补偿拉钉 Compensating Pull Stud	夹紧拉钉 Clamping Pull Stud	
NT-S200P85V2	5,000(N)	NT-S200P25C1	NT-S200P25C2	NT-S200P25C3	3.4Kg
NT-S200P115V2	10,000(N)	NT-S200P30C1	NT-S200P30C2	NT-S200P30C3	5.4Kg
NT-S200P148V2	18,000(N)	NT-S200P35C1	NT-S200P35C2	NT-S200P35C3	6.9Kg

产品编号 Item No.	$\phi D1$	$\phi D2$	H1	H2	M	$\phi S$
NT-S200P85V2	110mm	85mm	55mm	46mm	M6	97mm
NT-S200P115V2	140mm	115mm	63mm	51mm	M8	131mm
NT-S200P148V2	185mm	148mm	76mm	61mm	M10	164mm

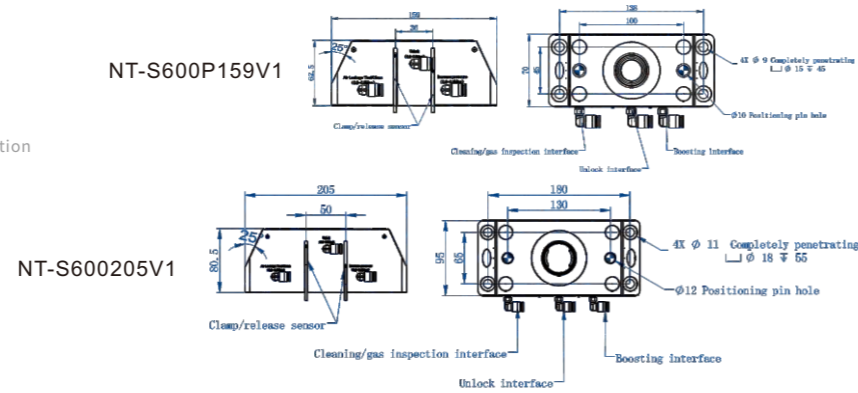
## 零点联轴器

Zero Point Coupling

### 产品特点 | Product Features

- 带松开夹持气密性检测功能  
With functions of releasing, clamping, and air tightness testing
- 硬化不锈钢+氧化铝材质  
Hardened Stainless Steel+ Aluminum Oxide
- 重复定位精度<0.02mm  
Repeat Positioning Accuracy < 0.02 mm

适用于工业自动化/多轴机器人作业应用  
Suitable for industrial automation / multi-axis robot operation applications



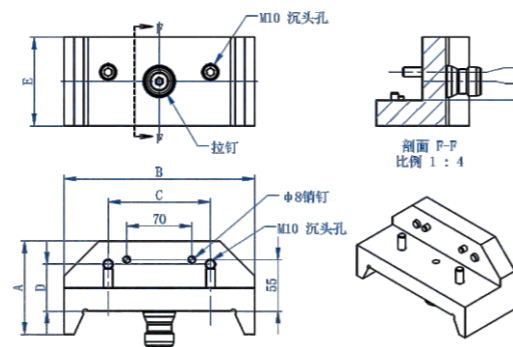
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	重量 Weight	备注 Remark
NT-S600P159V1	4,000(N)	气压 Air Pressure	2.2Kg	可根据客户需要定制尺寸 Dimensions can be customized.
NT-S600P205V1	8,000(N)	气压 Air Pressure	4.7Kg	

## 联轴器托盘

Coupling Clamping Pallet

### 产品特点 | Product Features

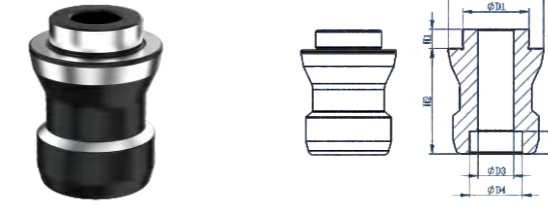
- 带配合零点联轴器使用,通过轻巧的快换模块实现便捷及空间利用最快应用。  
Used with the zero-point coupling quick-change module, achieve convenient operation and the fastest application of space utilization.
- 氧化铝材质  
Aluminum Oxide



产品编号 Item No.	A	B	C	D	E	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S200P158TP	90mm	158mm	85mm	45mm	70mm	NT-S200P30V1	3.7Kg
NT-S200P205TP	100mm	205mm	110mm	50mm	95mm	NT-S200P35V1	6.5Kg

## 传感器零点定位拉钉

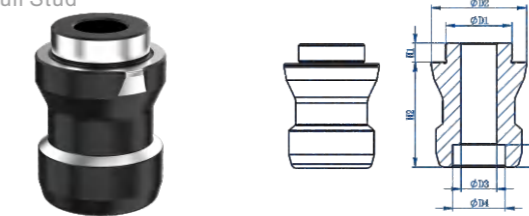
Sensor Zero Point Positioning Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P25C1	18mm	24.5mm	8.5mm	14mm	5mm	25mm	6mm	0.06Kg
NT-S200P30C1	20mm	29.5mm	11mm	17mm	5mm	43mm	7mm	0.15Kg
NT-S200P35C1	28mm	34.5mm	12.5mm	19mm	7mm	39mm	10mm	0.21Kg

## 传感器零点补偿拉钉

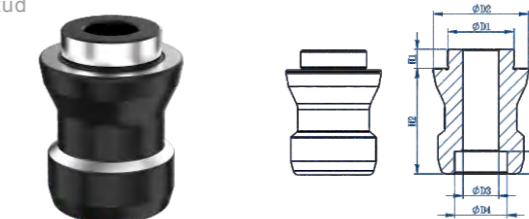
Sensor Zero Point Compensating Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P25C2	18mm	24.5mm	8.5mm	14mm	5mm	25mm	6mm	0.06Kg
NT-S200P30C2	20mm	29mm	11mm	17mm	5mm	43mm	7mm	0.15Kg
NT-S200P35C2	28mm	34.5mm	12.5mm	19mm	7mm	39mm	10mm	0.21Kg

## 传感器零点夹紧拉钉

Sensor Zero Point Clamping Pull Stud



产品编号 Item No.	φD1 (0/+0.01)	φD2	φD3	φD4	H1	H2	H3	重量 Weight
NT-S200P25C3	18mm	24mm	8.5mm	14mm	5mm	25mm	6mm	0.06Kg
NT-S200P30C3	20mm	28.5mm	11mm	17mm	5mm	43mm	7mm	0.15Kg
NT-S200P35C3	28mm	34mm	12.5mm	19mm	7mm	39mm	10mm	0.21Kg

# APPLICATION EXAMPLES

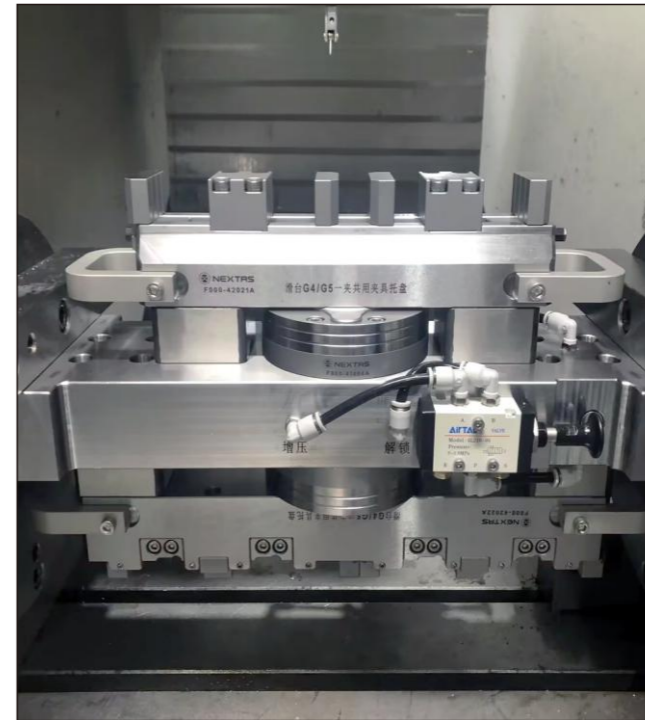
## 应用案例展示



• 六位零点组合大型零件卧式加工中心应用  
Application of a Horizontal Machining Center with a Six-Position Zero-Point Clamping System for Large-Part Manufacturing



• 卧加方箱零点组合应用  
Application of a Modular Fixture System with Zero-Point Clamping on a Horizontal Machining Center



• 四轴加工中心零点应用  
Application of a Zero-Point Clamping System on a 4-Axis Machining Center



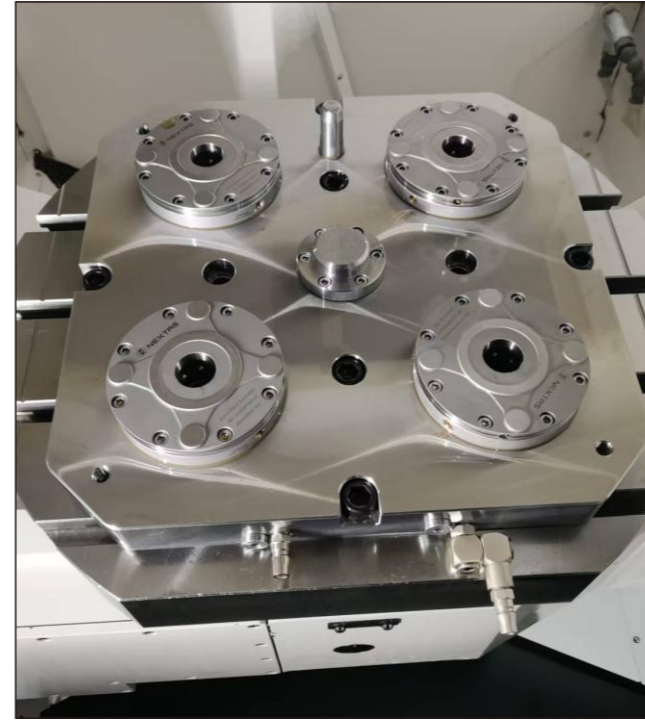
• 大型零件卧式加工中心零点应用  
Application of a Heavy-Duty Zero-Point Clamping System on a Large-Part Horizontal Machining Center



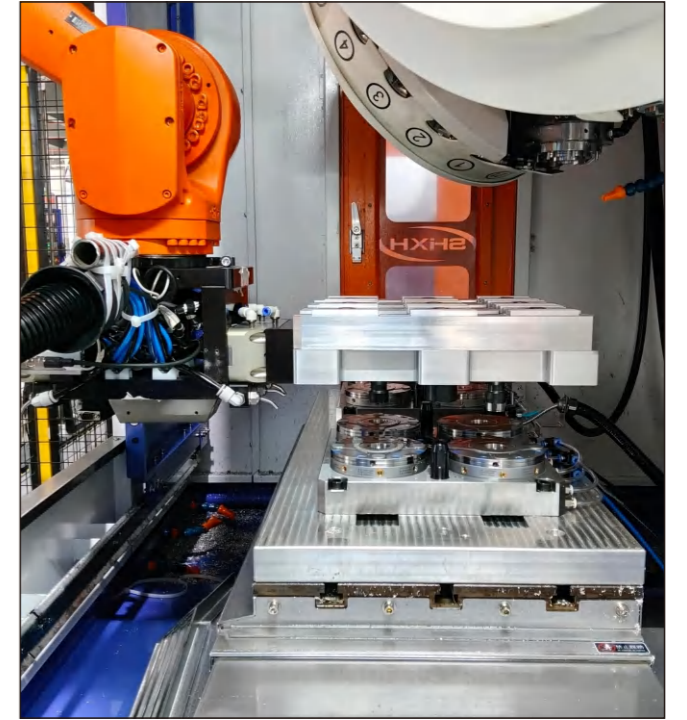
• 机械手零点联轴器应用  
Application of Robot Zero-Point Coupling System



• 三轴立加零点应用  
Application of a Zero-Point Clamping System on a 3-Axis Vertical Machining Center (VMC)



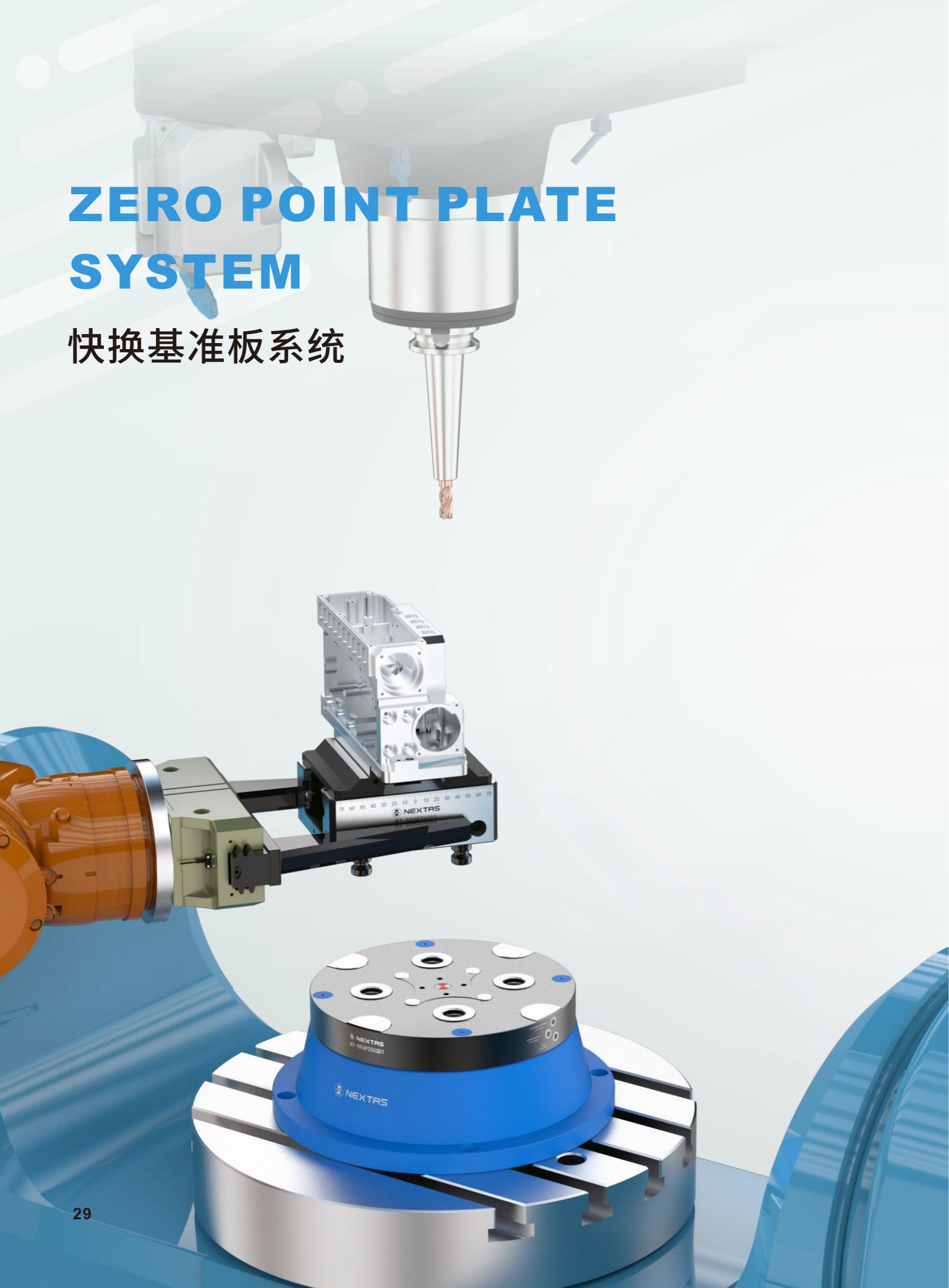
• 五轴加工中心零点应用  
Application of a Zero-Point Clamping System on a 5-Axis Machining Center



• 自动化零点应用  
Integration of Zero-Point Clamping into Automated Systems

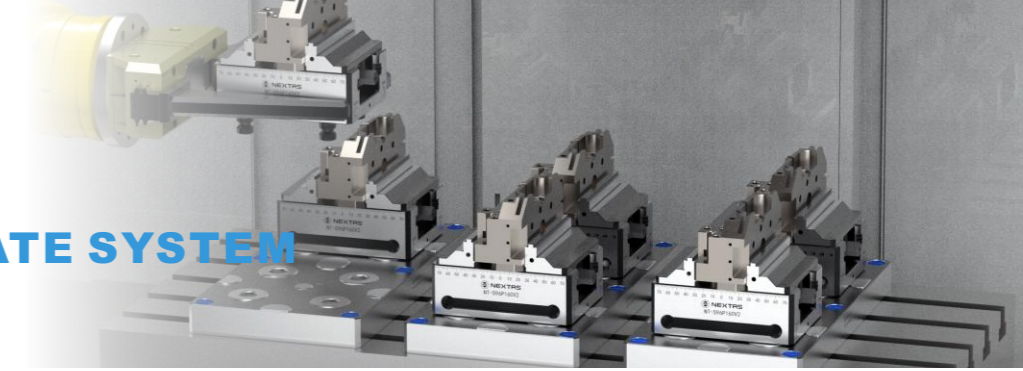
# ZERO POINT PLATE SYSTEM

## 快换基准板系统



# PNEUMATIC ZERO POINT PLATE SYSTEM

## 气动型快换基准板



**0.005mm**

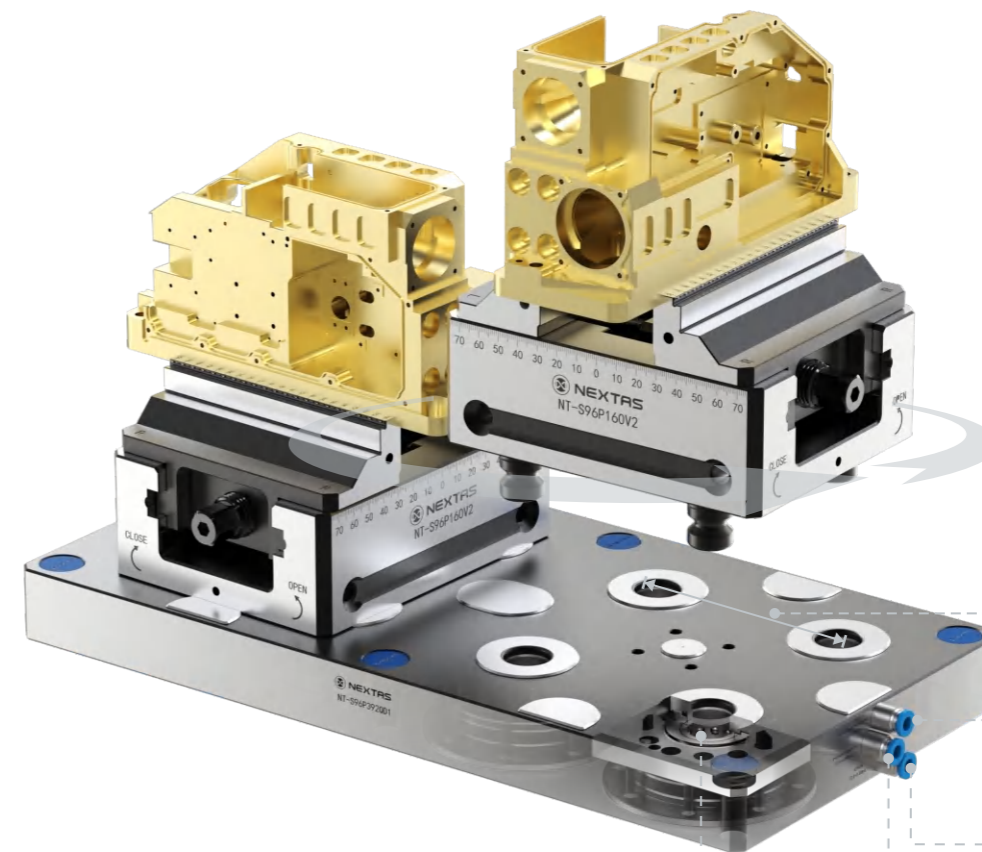
重复定位精度  
Repeat Positioning Accuracy

**20,000N**

夹紧力  
Clamping Force

**330Kg**

解锁托盘抬升承重  
Unlocked Lifting Capacity



4x90°固定分度位置  
4 Fixed Indexing Positions at 90° Intervals

52/96mm行业标准孔距  
Standard hole centers 52/96mm

定位基准面气密性测试及自清洁功能  
Positioning datum surface airtightness testing and self-cleaning function

夹持增压功能  
Clamping Pressurization Function

解锁抬升功能  
Unlock & Lift

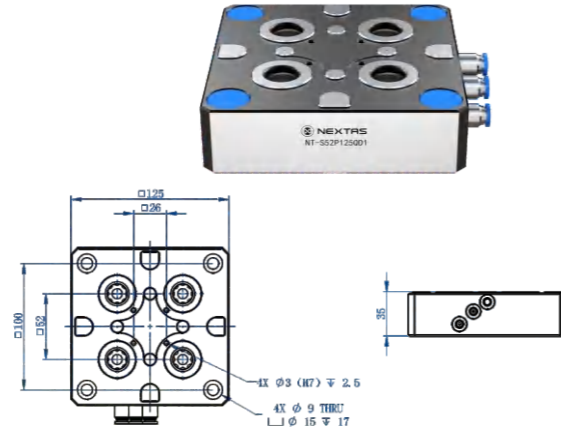
钢球机械式自锁结构  
Steel ball mechanical self-locking structure

## P125气动快换基准板

P125 Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tighness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



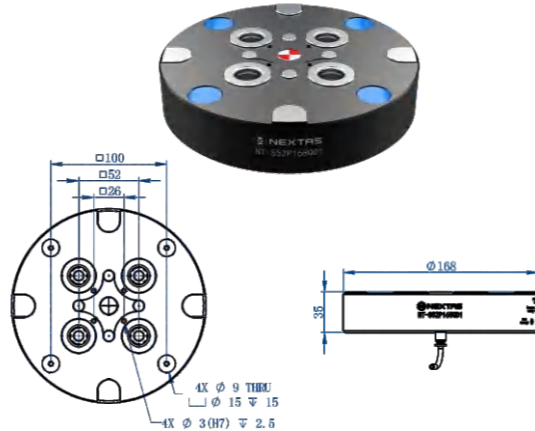
产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P125QD1	9,000(N)	100Kg	气压 Air Pressure	NT-S52P16V1	3.5Kg

## P168气动快换基准板

P168 Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tighness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



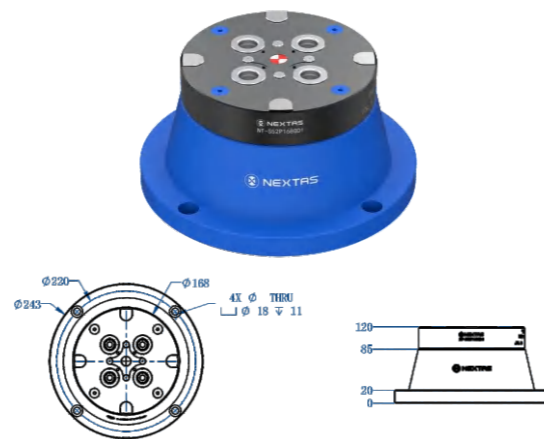
产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P168QD1	9,000(N)	100Kg	气压 Air Pressure	NT-S52P16V1	5.2Kg

## P168垫高座气动快换基准板

P168 Riser Seat Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tighness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



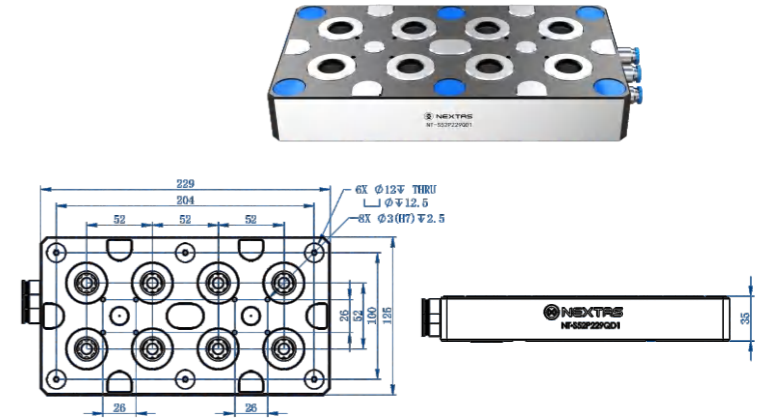
产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P168QD2	9,000(N)	100Kg	气压 Air Pressure	NT-S52P16V1	12Kg

## P229气动快换基准板

P229 Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tighness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



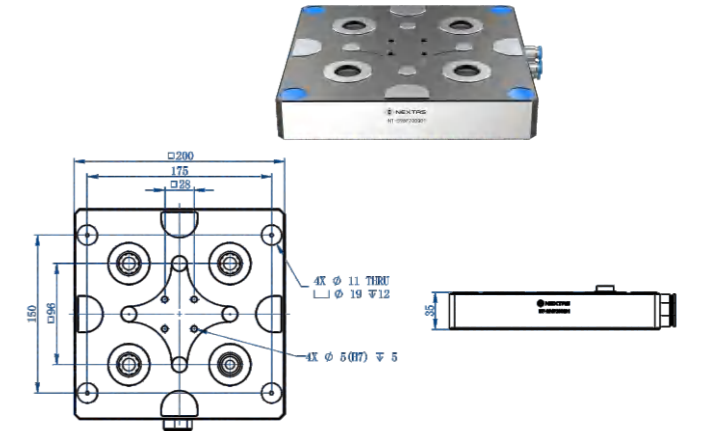
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NT-S52P229QD1	18,000(N)	200Kg	气压 Air Pressure	NT-S52P16V1	6Kg

## P200气动快换基准板

P200 Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tighness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



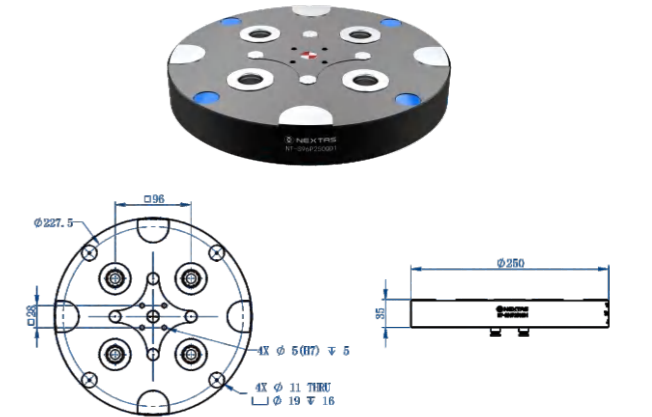
产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P200QD1	20,000(N)	280Kg	气压 Air Pressure	NT-S96P20V1	9Kg

## P250气动快换基准板

P250 Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tighness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



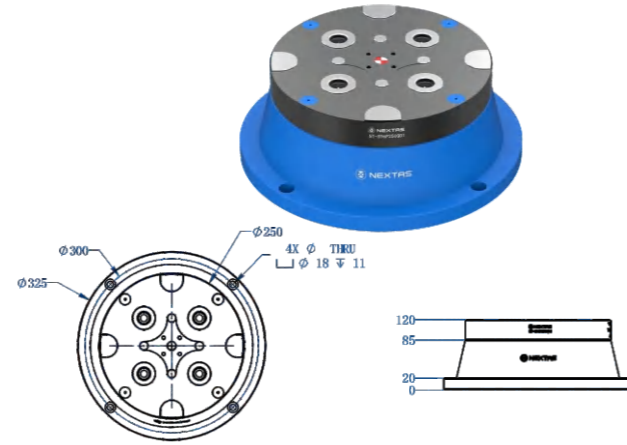
产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P250QD1	20,000(N)	280Kg	气压 Air Pressure	NT-S96P20V1	12Kg

## P325垫高座气动快换基准板

P325 Riser Seat Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



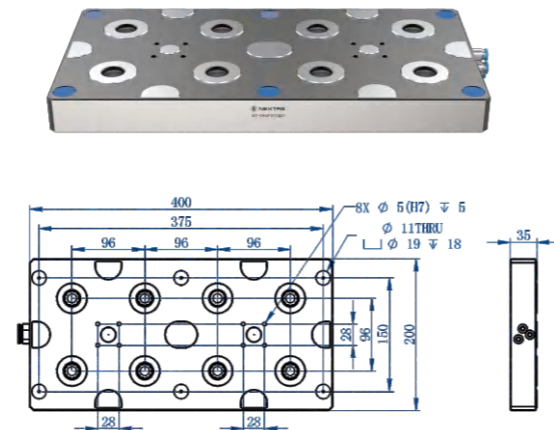
产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P250QD2	20,000(N)	280Kg	气压 Air Pressure	NT-S96P20V1	25Kg

## P400气动快换基准板

P400 Pneumatic Zero Point Plate

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



产品编号 Item No.	夹紧力 Clamping Force	托举抬升承重 Lift Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P400QD1	40,000(N)	560Kg	气压 Air Pressure	NT-S96P20V1	18Kg

## MANUAL ZERO POINT PLATE SYSTEM

### 手动型快换基准板



**0.005mm**

重复定位精度  
Repeat Positioning Accuracy

**500,000c**

寿命测试验证  
Lifetime Test Validation

**95%**

兼容主流数控加工中心基座  
Fits Standard CNC Machining Center Bases

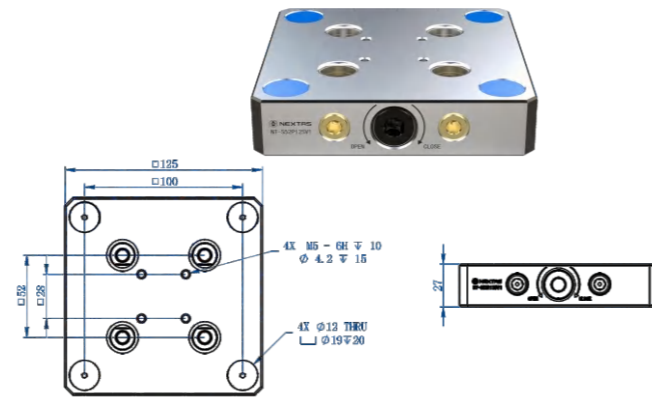


## P125快换基准板

P125 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



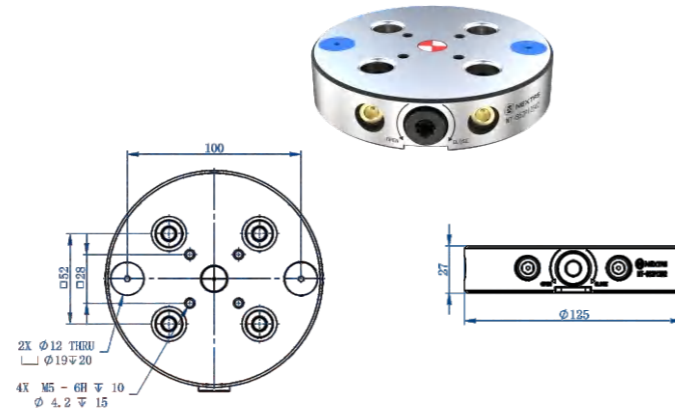
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P125V1	20,000(N)	手动 Manual	NT-S52P16V1	2.8Kg

## φ125快换基准板

φ125 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



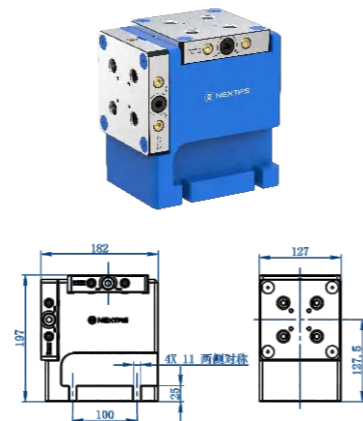
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P125V2	20,000(N)	手动 Manual	NT-S52P16V1	2.2Kg

## P125直角座快换基准板

P125 Right-Angle Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



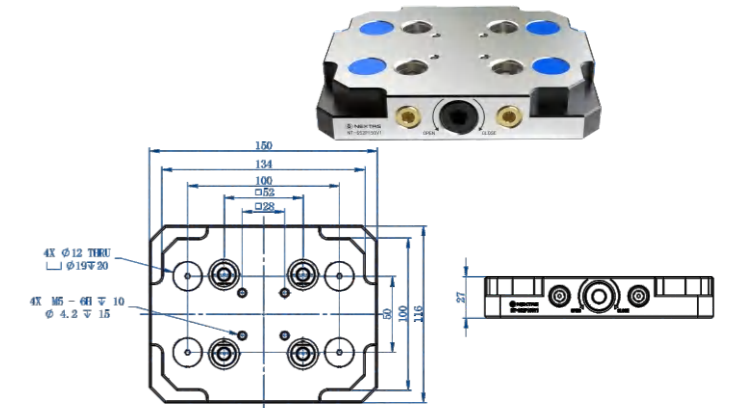
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P125V3	20,000(N)	手动 Manual	NT-S52P16V1	14.2Kg

## P150快换基准板

P150 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



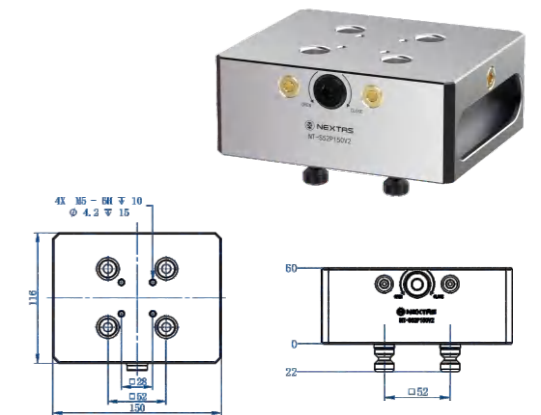
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P150V1	20,000(N)	手动 Manual	NT-S52P16V1	3Kg

## P150垫高60快换基准板

P150 Riser 60 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



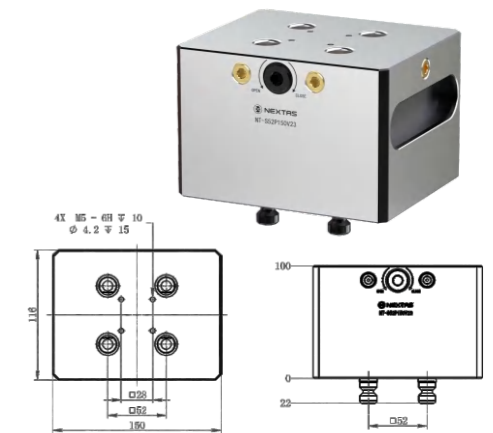
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NT-S52P150V2	20,000(N)	手动 Manual	NT-S52P16V1	6.9Kg

## P150垫高100快换基准板

P150 Riser 100 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



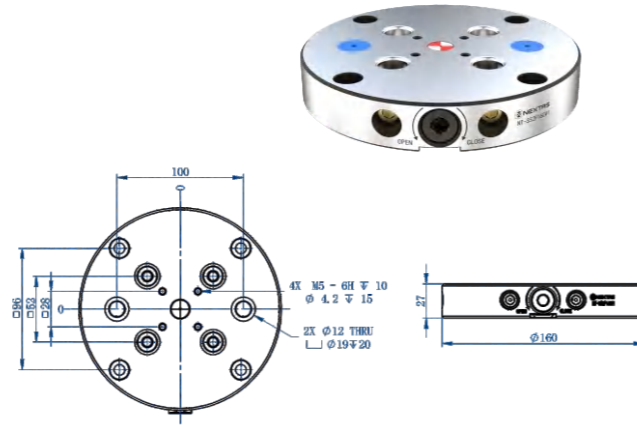
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P150V3	20,000(N)	手动 Manual	NT-S52P16V1	11.5Kg

## φ160快换基准板

φ160 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



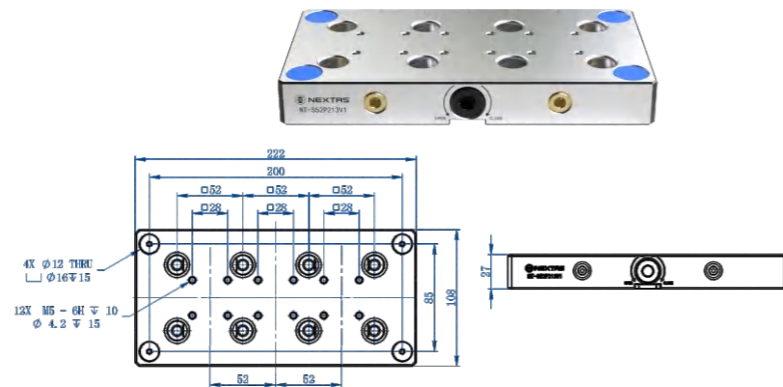
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P160V1	20,000(N)	手动 Manual	NT-S52P16V1	3.5Kg

## P222双位快换基准板

P222 Dual-Station Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



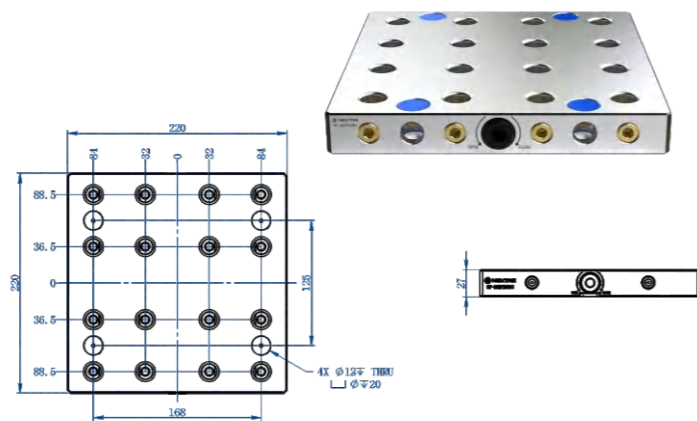
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P222V1	20,000(N)	手动 Manual	NT-S52P16V1	4.2Kg

## P220四位快换基准板

P220 Four-Station Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



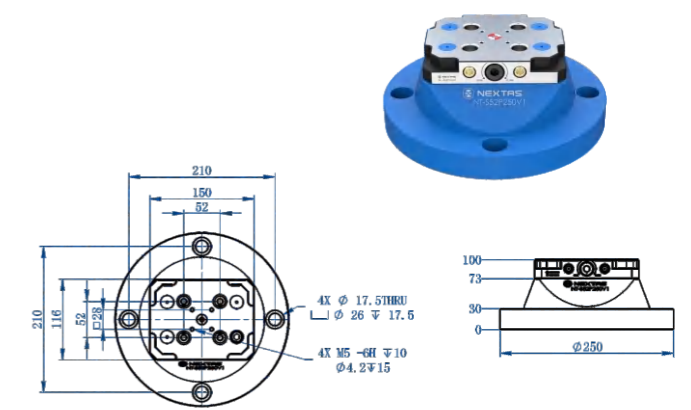
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P220V1	20,000(N)	手动 Manual	NT-S52P16V1	8.2Kg

## P250垫高座快换基准板

P250 Riser Seat Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



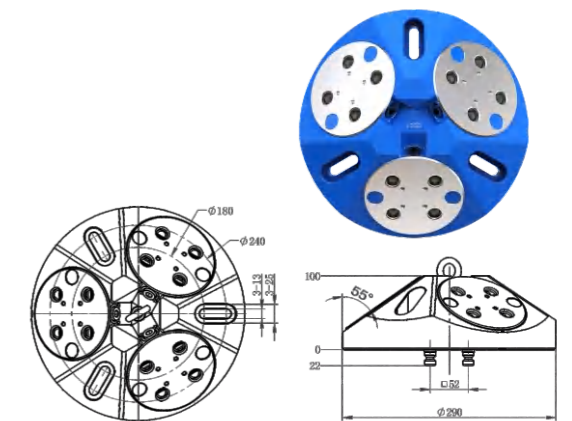
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P250V1	20,000(N)	手动 Manual	NT-S52P16V1	9.1Kg

## P290五轴三位快换基准板

P290 5-Axis Three-Station Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P290V1	20,000(N)	手动 Manual	NT-S52P16V1	15Kg

## P32定位锁嘴

P32 Positioning and Locking Dowel

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



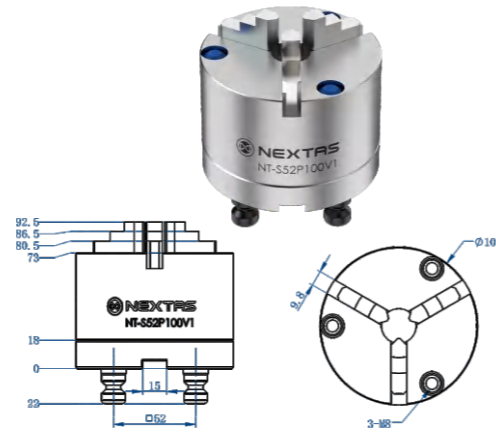
产品编号 Item No.	夹持精度 Clamping Accuracy	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P32V1	<0.01mm	手动 Manual	NT-S52P16V1	2.7Kg

## P100定位三爪卡盘

P100 Self-Centering Chuck

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



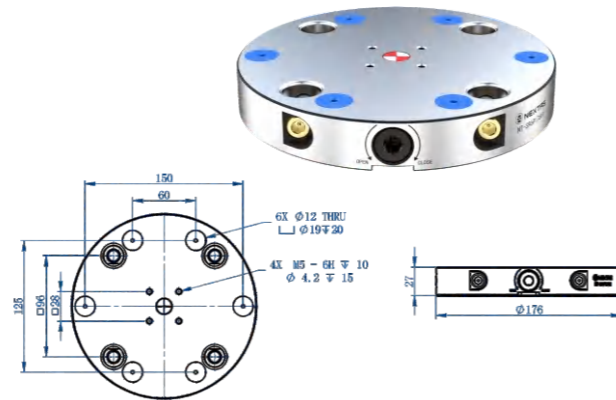
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S52P100V1	20,000(N)	手动 Manual	NT-S52P16V1	4.4Kg

## φ176快换基准板

φ176 Zero Point Plate

### 产品特点

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



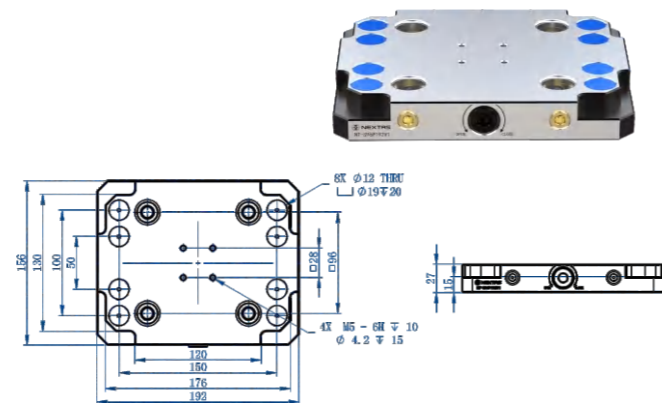
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P176V1	30,000(N)	手动 Manual	NT-S96P20V1	4.5Kg

## P192V1 快换基准板

P192V1 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



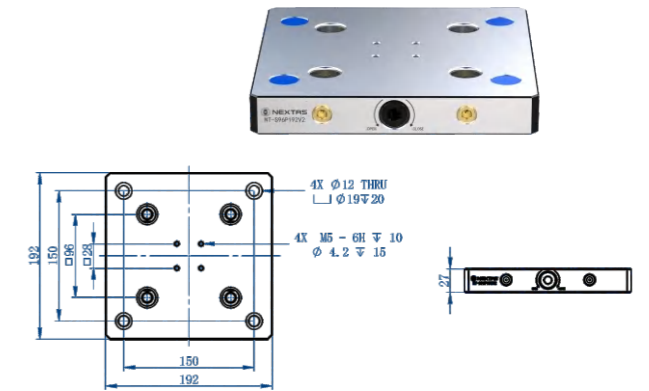
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P192V1	30,000(N)	手动 Manual	NT-S96P20V1	5.4Kg

## P192V2 快换基准板

P192V2 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



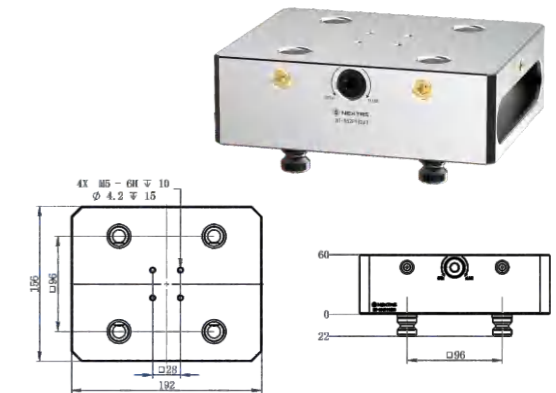
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P192V2	30,000(N)	手动 Manual	NT-S96P20V1	7.5Kg

## P192垫高60快换基准板

P192 Riser 60 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



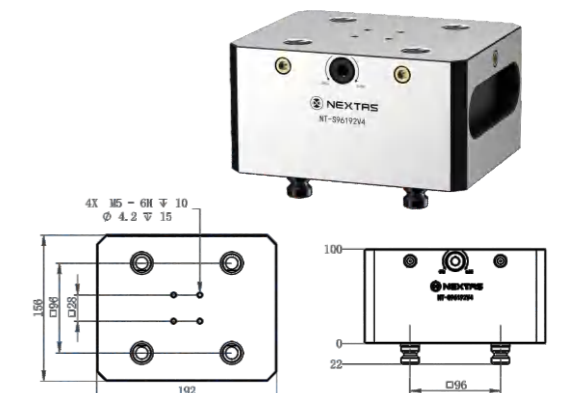
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P192V3	30,000(N)	手动 Manual	NT-S96P20V1	11.7Kg

## P192垫高100快换基准板

P192 Riser 100 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



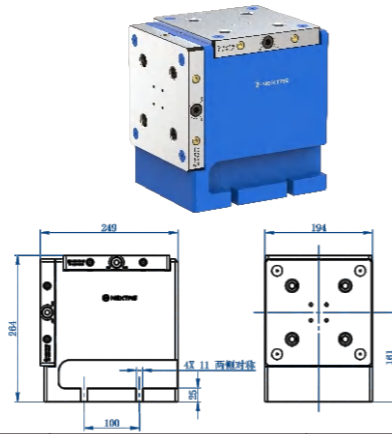
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P192V4	30,000(N)	手动 Manual	NT-S96P20V1	19.3Kg

## P192直角座快换基准板

P192 Right-Angle Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



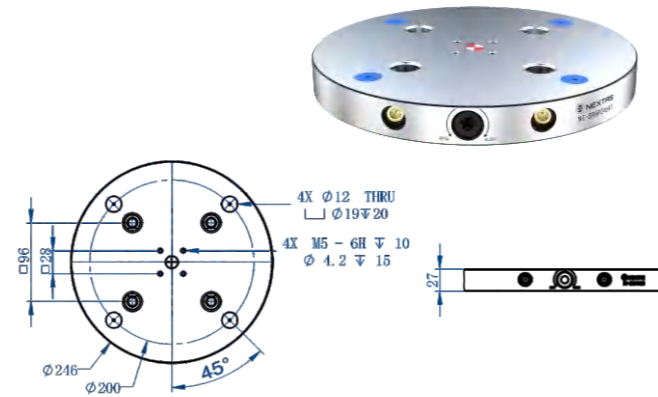
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P192V5	30,000(N)	手动 Manual	NT-S96P20V1	41.3Kg

## φ246快换基准板

φ246 Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



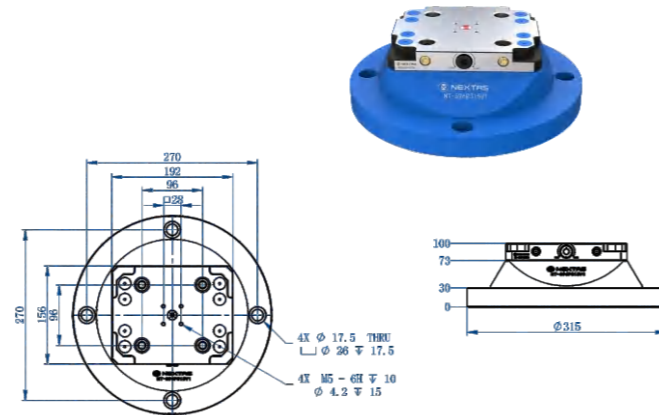
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P246V1	30,000(N)	手动 Manual	NT-S96P20V1	9.5Kg

## P315垫高座快换基准板

P315 Riser Seat Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



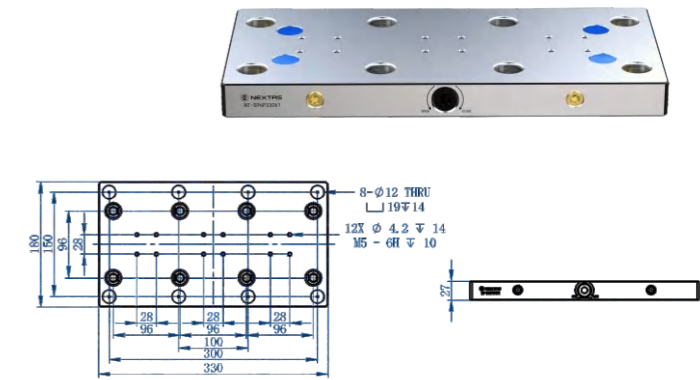
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P315V1	30,000(N)	手动 Manual	NT-S96P20V1	16Kg

## P330双位快换基准板

P330 Dual-Station Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



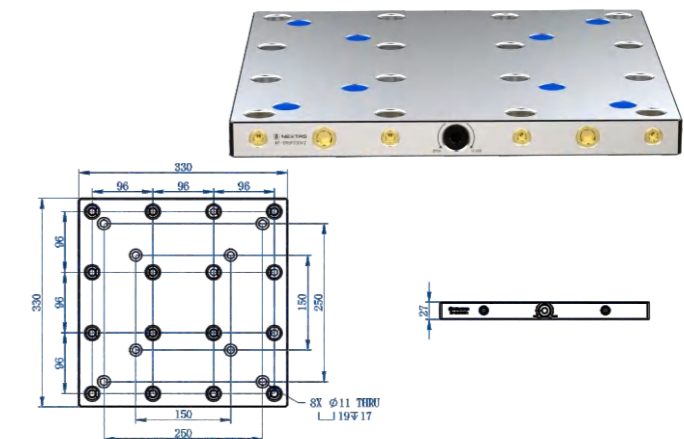
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P330V1	30,000(N)	手动 Manual	NT-S96P20V1	10Kg

## P330四位快换基准板

P330 Four-Station Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



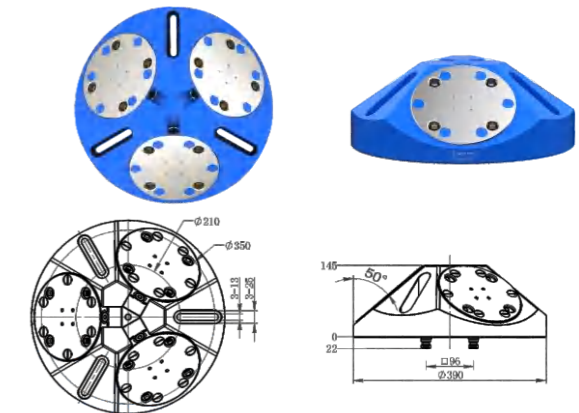
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P330V2	30,000(N)	手动 Manual	NT-S96P20V1	19.3Kg

## P390五轴三位快换基准板

P390 5-Axis Three-Station Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



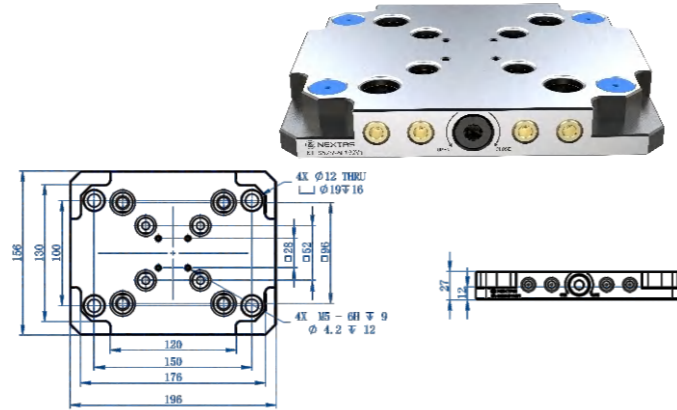
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S96P390V1	30,000(N)	手动 Manual	NT-S96P20V1	37Kg

## 方形52-96通用快换基准板

Square 52/96 Combination Zero Point Plate

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



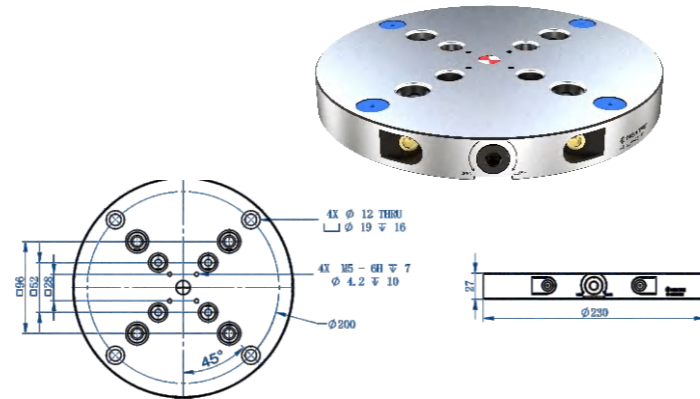
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S5296P196V1	30,000(N)	手动 Manual	NT-S52P16V1 NT-S96P20V1	4.89Kg

## 圆形52-96通用快换基准板

Round 52/96 Combination Zero Point Plate

### 产品特点 | Product Features

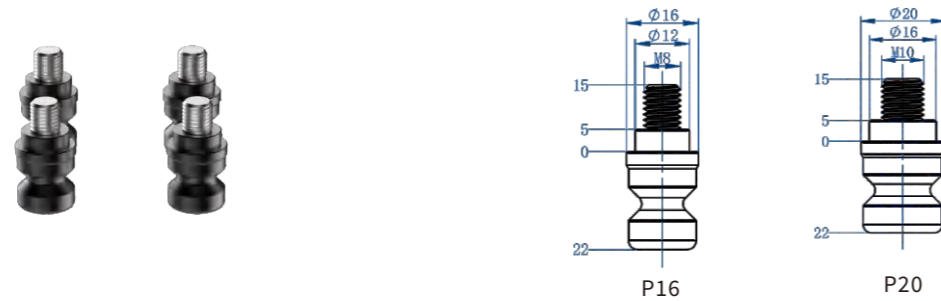
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.005mm  
Repeat Positioning Accuracy < 0.005 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S5296P230V1	30,000(N)	手动 Manual	NT-S52P16V1 NT-S96P20V1	9.5Kg

## 定位拉钉

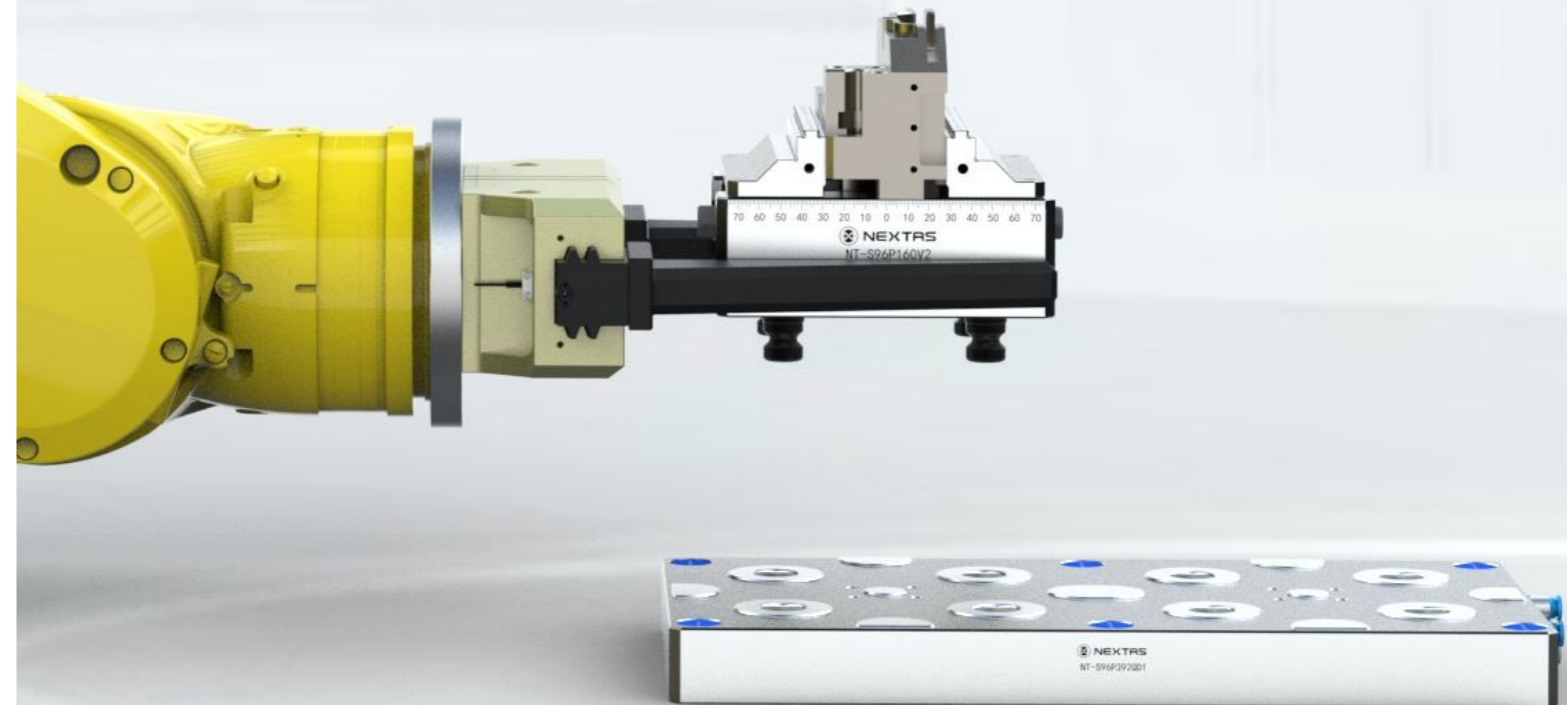
Positioning Pull Stud



产品编号 Item No.	规格 Size	材质 Material	重量 Weight
NT-S52P16V1	52x52mm	硬化不锈钢材质 Hardened Stainless Steel	0.15Kg
NT-S96P20V1	96x96mm	硬化不锈钢材质 Hardened Stainless Steel	0.2Kg

## Self Centering Vise

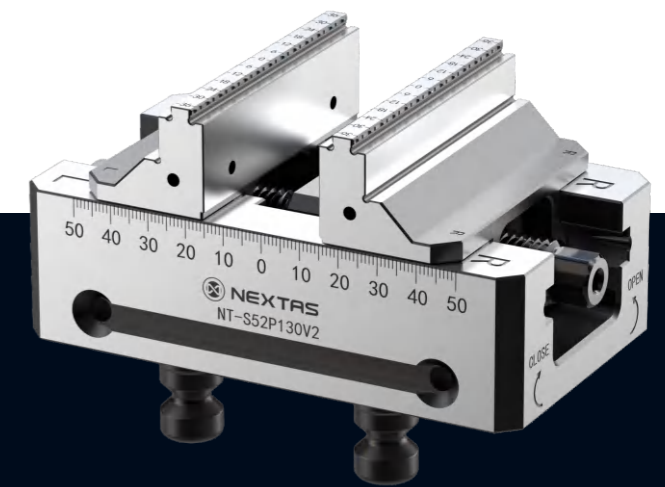
### 自定心虎钳





## 52mm Self Centering Vise

### 52型自定心虎钳



- 52mm拉钉间距  
52mm Spacing Models
- 重复定位精度:<0.02mm  
Repeat Positioning Accuracy:<0.02mm
- 夹紧力:14,000N  
Clamping Force:14,000N
- 最大扭矩:70Nm  
Max. Torque:70Nm
- 材质:硬质不锈钢  
Material: Hardened Stainless Steel

**1** 啮合齿设计,左右夹爪钳口上均有啮合齿,提高胚料夹持稳定性。

Engaging tooth design: Both the left and right clamping jaws are equipped with engaging teeth to enhance the clamping stability of blanks.

**2** 正面光面夹持,用于夹持工件面有要求的产品,避免夹伤出现夹痕或划伤。

Smooth-face clamping: Designed for products with surface-critical workpieces to prevent grip marks or scratches.

**3** 螺纹孔,用于工件定位块固定使用。

Threaded holes for workpiece locating block fixation.

**4** 精密T型导轨设计,有效保证夹持精度及刚性。

Precision T-slot guide design ensures optimal clamping accuracy and rigidity.

**5** 带密封性设计的丝杠定心装置,重复夹持精度<0.02mm

Sealed lead screw centering device with <0.02mm repeat clamping accuracy.

**6** 分夹位定位口,用于分夹位使用。

Multi-clamp positioning ports for segmented clamping applications.

**7** 底座侧面设有夹持槽,运用于自动化。

The base features side clamping grooves for automated applications.

**8** 丝杠材质采马氏体不锈钢调质硬化处理,并采用先进涂层工艺,提供产品耐磨性、腐蚀性,丝杠两端设计内外六角扳手位,可使用外六角套筒扳手及内六角扳手扭动锁紧使用。

The lead screw is made of martensitic stainless steel with quenching and tempering hardening treatment, and adopts an advanced coating process to improve the wear resistance and corrosion resistance of the product. The two ends of the lead screw are designed with internal and external hexagonal wrench flats, allowing tightening and adjustment with both external hexagonal socket wrenches and internal hexagonal wrenches.

**9** 配备有定位拉钉,用于快换基准板系统中进行定位夹持。

Equipped with locating pull studs for positioning and clamping in zero point quick-change systems.

**10** 主体两侧斜面排水排屑结构设计,材质马氏体不锈钢调质硬化处理,并采用先进氮化技术工艺处理,增加刚性、耐磨、耐腐蚀性。

The main body is designed with inclined drainage and chip removal structures on both sides. It is made of martensitic stainless steel with quenching and tempering hardening treatment, and adopts an advanced nitriding process to enhance rigidity, wear resistance and corrosion resistance.

**11** M5螺纹孔,用于安装RFID芯片。

M5 threaded hole for RFID chip mounting.

**12** 反面光面夹持,夹持已加工过工件面/不可压花工件面。

Smooth-face clamping: Designed for products with surface-critical workpieces to prevent grip marks or scratches.

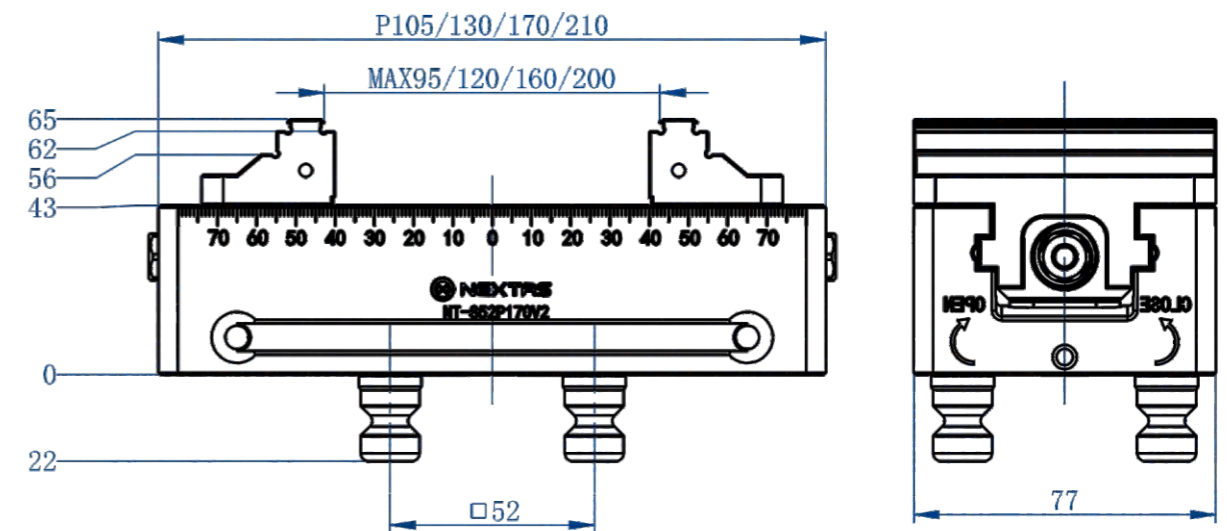
**13** 夹爪一体结构高刚性设计,可正反调换使用,并延展夹持行程,材质马氏体不锈钢调质硬化处理,采用先进氮化技术工艺处理,增加产品刚性、耐磨、耐腐蚀性。

The monolithic jaw structure features high-rigidity design with reversible orientation capability and extended clamping stroke. Constructed from quenched-and-tempered martensitic stainless steel with advanced nitriding treatment to enhance rigidity, wear resistance, and corrosion protection.

**14** 带预紧力可消除配合间隙,有效提高虎钳夹持精度稳定性。

Preload-enabled design eliminates mating clearance, significantly enhancing vise clamping accuracy and stability.

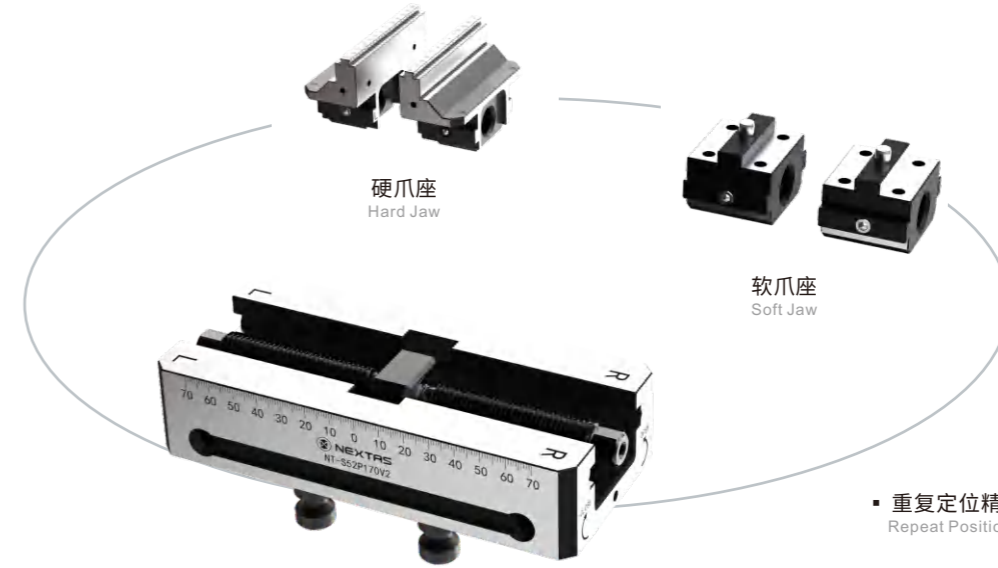
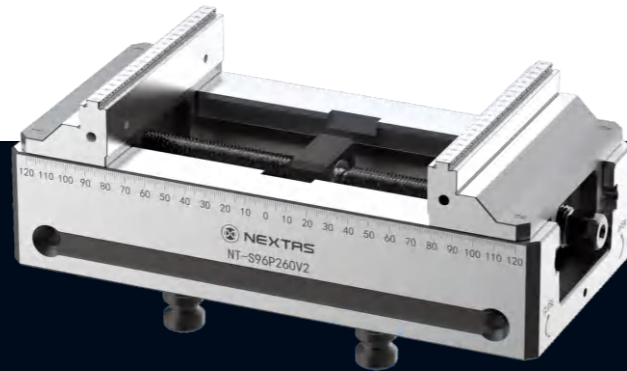
产品编号 Item No.	尺寸 Size			夹持范围 Overall Clamping Range	重量 Weight
	钳口宽度 Jaw width	总长度 Overall length	高度 Height		
NT-S52P105V2	77mm	105mm	87mm	0~95mm	2.8Kg
NT-S52P130V2	77mm	130mm	87mm	0~120mm	3.2Kg
NT-S52P170V2	77mm	170mm	87mm	0~160mm	3.8Kg
NT-S52P210V2	77mm	210mm	87mm	0~200mm	4.4Kg



# 96mm Self Centering Vise

## 96型自定心虎钳

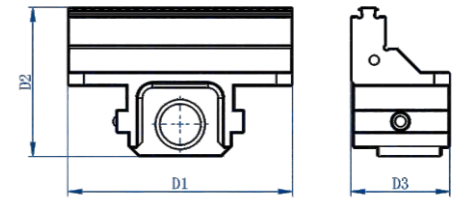
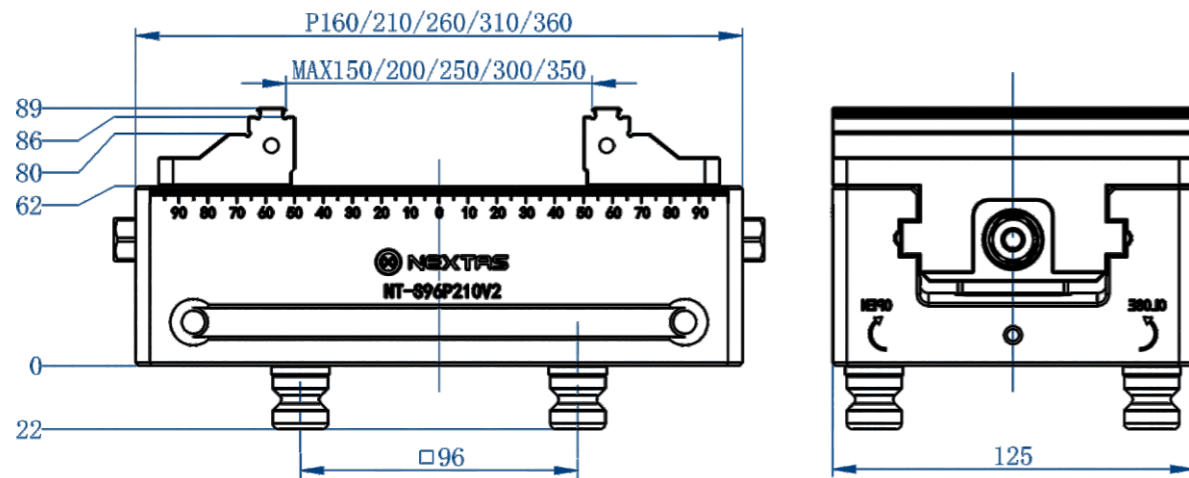
- 96mm拉钉间距  
96mm Spacing Models
- 重复定位精度:<0.02mm  
Repeat Positioning Accuracy:<0.02mm
- 夹紧力:20,000N  
Clamping Force:20,000N
- 最大扭矩:100Nm  
Max. Torque:100Nm
- 材质:硬质不锈钢  
Material: Hardened Stainless Steel



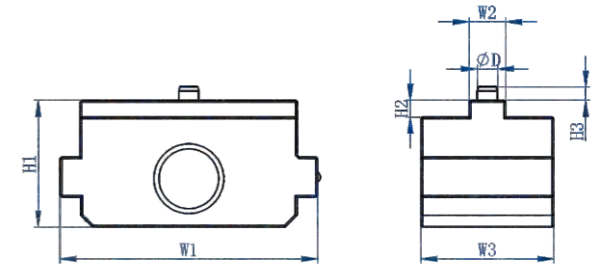
- 重复定位精度:<0.02mm  
Repeat Positioning Accuracy:<0.02mm
- 材质:硬质不锈钢  
Material: Hardened Stainless Steel

虎钳夹持方案  
Vise Clamping Solution

产品编号 Item No.	尺寸 Size			夹持范围 Overall Clamping Range	重量 Weight
	钳口宽度 Jaw width	总长度 Overall length	高度 Height		
NT-S96P160V2	125mm	160mm	111mm	0~150mm	8.9Kg
NT-S96P210V2	125mm	210mm	111mm	0~200mm	10.8Kg
NT-S96P260V2	125mm	260mm	111mm	0~250mm	12.6Kg
NT-S96P310V2	125mm	310mm	111mm	0~300mm	14.5Kg
NT-S96P360V2	125mm	360mm	111mm	0~350mm	16.4Kg



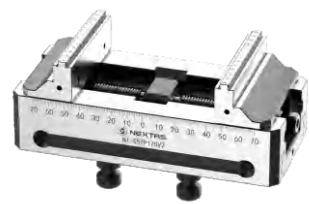
产品编号 Item No.	型号 Model	尺寸 Size			夹紧力 Clamping force	重量 Weight
		D1	D2	D3		
NT-S52P77V2	P77	77mm	51mm	34mm	14,000(N)	0.44Kg
NT-S96P125V2	P125	125mm	65mm	47mm	20,000(N)	1.3Kg



产品编号 Item No.	型号 Model	尺寸 Size							夹紧力 Clamping force	重量 Weight
		H1	H2	H3	W1	W2	W3	φD		
NT-S52P77V1	P77	29.1mm	5mm	4.5mm	44mm	10mm	34.5mm	6mm	14,000(N)	0.2Kg
NT-S96P125V1	P125	38.1mm	5mm	6mm	77.5mm	11mm	40mm	6mm	20,000(N)	0.6Kg

## 自定心虎钳 - 硬爪正反安装使用

Self-Centering Vise – Hard Jaw Mounting & Usage



虎钳硬爪正反使用  
Vise Hard Jaws - Dual-station  
Installation & Usage

硬爪正面夹持示意  
Hard Jaw Front  
Clamping Illustration

硬爪反面夹持示意  
Hard Jaw Reverse-Side  
Clamping Illustration



Step 1

Step 2

Step 3

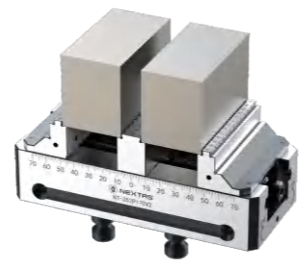
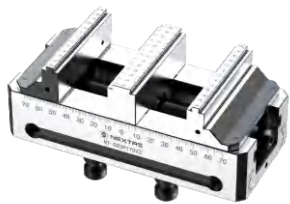
内六角扳手将左右夹爪从夹爪座上拆解下来。  
Disassemble Clamping Jaws from Jaw Base with Allen Wrench.

将拆解下来的左右夹爪调转方向安装。  
Reverse and Reinstall Disassembled Left/Right Jaws.

安装完成使用。  
Installation & Operation Completed.

## 自定心虎钳 - 硬爪分夹位安装使用

Self-Centering Vise – Hard Jaw Mounting (Dual-Station) & Usage



虎钳硬爪分夹位使用  
Vise Hard Jaws - Multi-  
Position Clamping Usage

中间硬爪装置  
Central Hard Jaw Assembly

硬爪分夹位夹持示意  
Hard Jaw Multi-Position  
Clamping Illustration



Step 1

Step 2

Step 3

Step 4

使用内六角扳手将左右夹爪从基座上拆解下来。  
Disassemble Clamping Jaws from Base Plate with Allen Wrench.

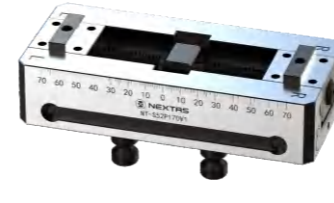
使用内六角扳手拆解底部螺丝, 将螺杆固定基座拆卸。  
Disassemble Clamping Jaws from Base Plate with Allen Wrench.

将中间硬爪装置安装上去。  
Install Central Solid Jaw Assembly.

将左右夹爪安装回去。  
Reinstall Left/Right Jaws.

## 自定心虎钳 - 软爪安装使用

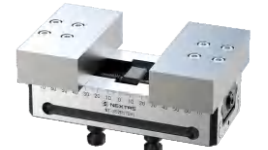
Self-Centering Vise – Soft Jaw Usage



虎钳软爪使用  
Using Soft Jaws for Vises

软爪夹持示意  
Soft Jaw Clamping Illustration

仿型定位夹持示意  
Custom Contour Clamping Demo



Step 1

Step 2

Step 3

先准备好已加工完成要使用的软爪。  
Prepare the finished soft jaws to be used for machining.

通过背部锁安装软爪固定。  
Install and secure the soft jaws using the back lock.

准备就绪。  
Preparation complete.

## 自定心虎钳 - 软爪分夹位安装使用

Self-centering Vise – Soft Jaw Mounting & Usage



虎钳软爪分夹位使用  
Multi-position clamping  
with vise soft jaws

中间软爪装置  
Center Soft Jaw Assembly

软爪分夹位夹持示意  
Soft Jaw Multi-Position  
Clamping Diagram



Step 1

Step 2

Step 3

Step 4

使用内六角扳手将左右夹爪座从基座上拆解下来。  
Detach L/R soft jaw holders from base with hex key.

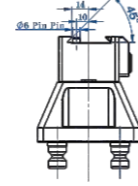
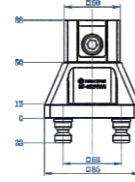
使用内六角扳手拆解底部螺丝, 将螺杆固定基座拆卸。  
Remove the bottom screws with a hex key, then detach the screw-fixed base mount.

将中间软爪装置安装上去。  
Install the central soft jaw assembly.

将左右夹爪安装回去。  
Reinstall the left and right soft jaws.

## P50燕尾夹具

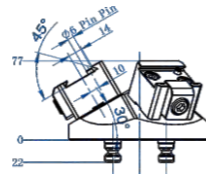
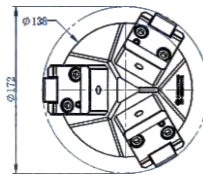
P50 Dovetail Fixture



产品编号 Item No.	解锁方式 Unlocking Method	材质 Material	重量 Weight
NT-S52P50V1	手动 Manual	硬化不锈钢材质 Hardened Stainless Steel	1.5Kg

## P50三位燕尾夹具

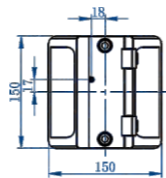
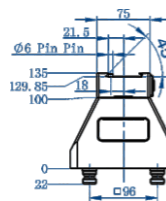
P50 Three-Station Dovetail Fixture



产品编号 Item No.	解锁方式 Unlocking Method	材质 Material	重量 Weight
NT-S52P50V2	手动 Manual	硬化不锈钢材质 Hardened Stainless Steel	3.6Kg

## P150燕尾夹具

P150 Dovetail Fixture



产品编号 Item No.	解锁方式 Unlocking Method	材质 Material	重量 Weight
NT-S96P150V1	手动 Manual	硬化不锈钢材质 Hardened Stainless Steel	7Kg

## APPLICATION EXAMPLES

### 应用案例展示



- 气动快换板+定心钳自动化五轴设备应用  
Pneumatic Zero Point Plates with Self-Centering Vises on Automated 5-Axis Equipment



- 气动快换板+定心钳三轴立加应用  
Pneumatic Zero Point Plates with Self-Centering Vises on 3-Axis Vertical Machining Centers (VMCs)



- 气动快换板+定心钳四轴机应用  
Pneumatic Zero Point Plates with Self-Centering Vises on 4-Axis Machining Centers



- 气动快换板+定心钳四轴机应用  
Pneumatic Zero Point Plates with Self-Centering Vises on 4-Axis Machining Centers

# R-SERIES PNEUMATIC CHUCK SYSTEM

## R系基准卡盘系统



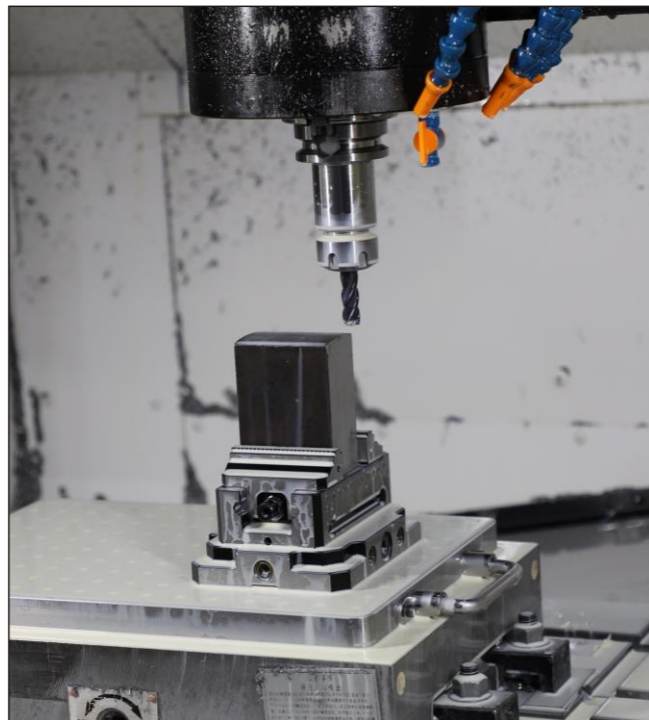
• 手动快换板+定心钳四轴机应用  
Manual Zero Point Plates with Self-Centering Vises on 4-Axis Machining Centers



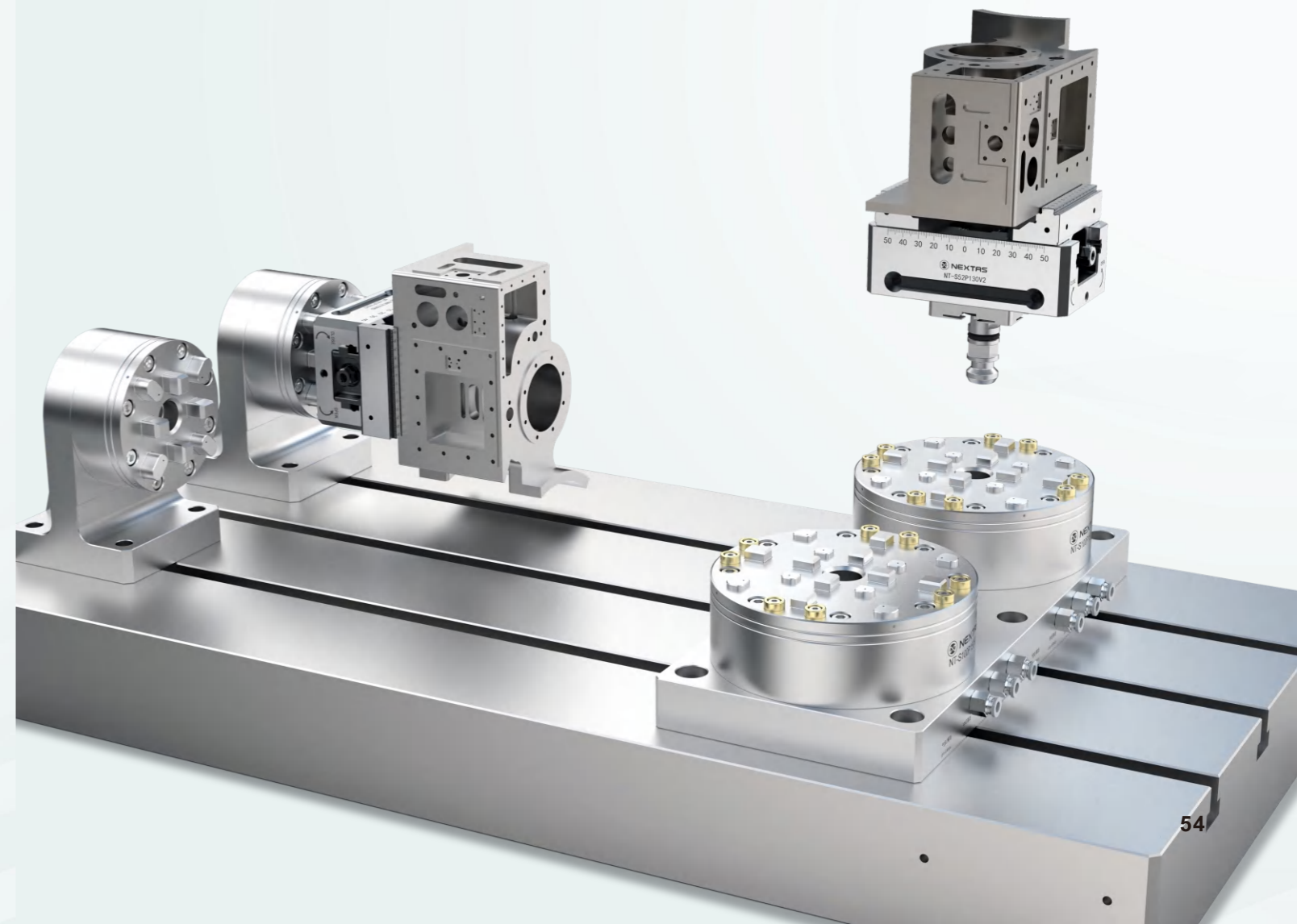
• 手动快换板+定心钳五轴机应用  
Manual Zero Point Plates with Self-Centering Vises on 5-Axis Machining Centers

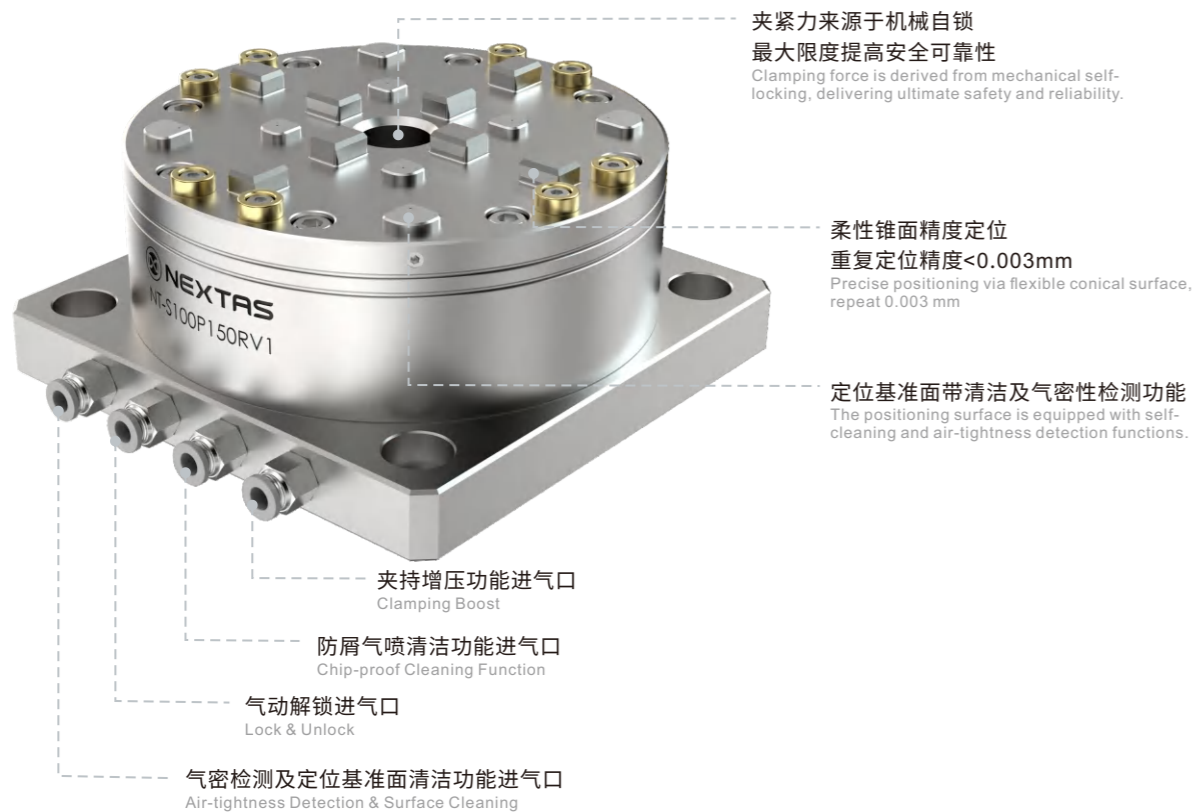


• 手动快换板+定心钳四轴机应用  
Manual Zero Point Plates with Self-Centering Vises on 4-Axis Machining Centers



• 手动快换板+定心钳三轴立加应用  
Manual Zero Point Plates with Self-Centering Vises on 3-Axis Vertical Machining Centers (VMCs)





**重复定位精度<0.003mm**, 满足高精度加工的需求。  
Repeat positioning accuracy < 0.003 mm, meeting the requirements of high-precision machining.

通过快速定位和装夹, 降低了预调时间和装夹时间, 提高了生产效率。  
Slash setup and fixturing time through quick locating and clamping, directly boosting your production throughput.

结构稳固, 夹持力均匀, 确保加工过程中工件不会松动或偏移。  
Rigid structure and evenly distributed clamping force ensure the workpiece remains secure and does not shift during machining.

行业通用标准接口, 方便用户进行系统集成和升级。  
Enables seamless integration and straightforward upgrades, thanks to its universal, industry-standard interface.

**>10kN**

夹紧力  
Clamping Force

**<0.003mm**

重复定位精度  
Repeat Positioning Accuracy

**4x90°**

固定分度位置  
Fixed Indexing Position

**0.5-0.8Mpa**

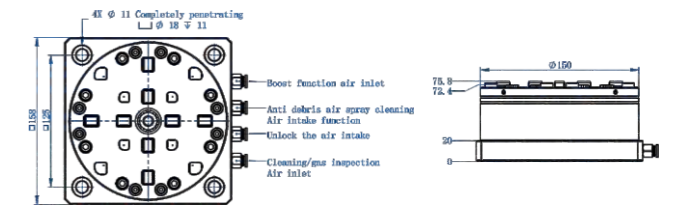
气压解锁方式  
Pneumatic Drive

## R系150型气动卡盘

R-Series Model 150 Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 夹持增压功能  
Clamping pressurization
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 适用于高精度定位切削应用  
Ideal for Precision Location & Machining.



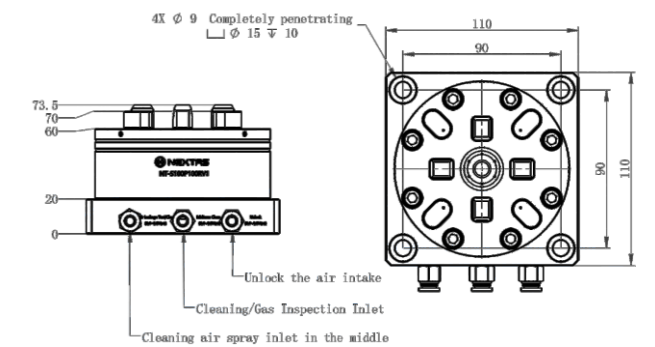
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P150RV1	>10,000(N)	气压 Air Pressure	NT-S100P57RV1	18Kg

## R系100型气动卡盘

R-Series Model 100 Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 适用于工业制造高精度定位快速换装应用  
Purpose-built for manufacturers who demand high precision and fast changeover.



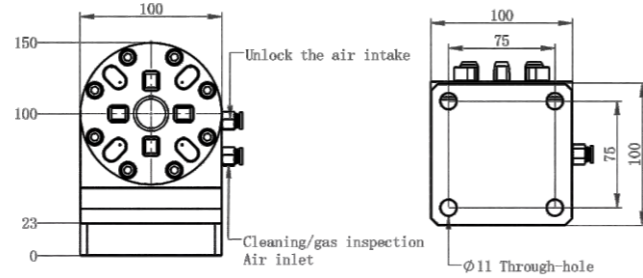
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P100RV1	>6,000(N)	气压 Air Pressure	NT-S100P57RV1	5Kg

## R系100型侧立式气动卡盘

R-Series Model 100 Vertical-Mount Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 可四面互转装夹, 实现设备手动切换四轴转向精度  
Four-sided interchangeable indexing fixture enabling manual 4-axis orientation changes with high precision.



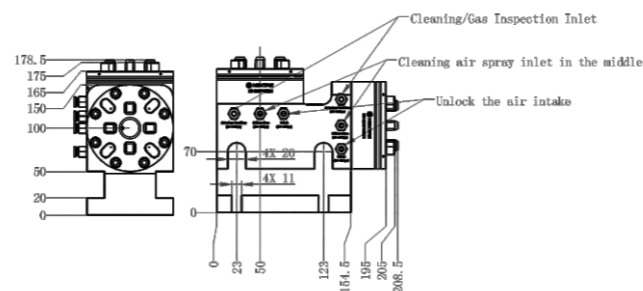
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P100RV2	>6,000(N)	气压 Air Pressure	NT-S100P57RV1	6.3Kg

## R系100型直角式气动卡盘

R-Series Model 100 Right-Angle Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 可五面互换装夹, 实现设备手动切换五轴转向定位精度  
A five-sided interchangeable indexing fixture system enabling manual 5-axis orientation and positioning with high accuracy.



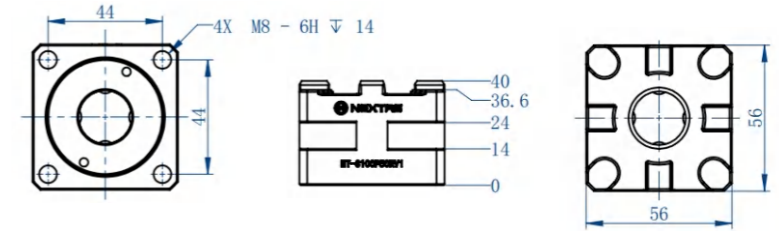
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P100RV3	>6,000(N)	气压 Air Pressure	NT-S100P57RV1	18Kg

## R系50型手动卡盘

R-Series Model 50 Manual Chuck

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 2-4x90°固定分度位置  
2-4 Fixed 90° Indexing Positions
- 适用于没有气管接入环境手动实现快换作业  
Manual Quick-Change System for Pneumatic-Free Environments.



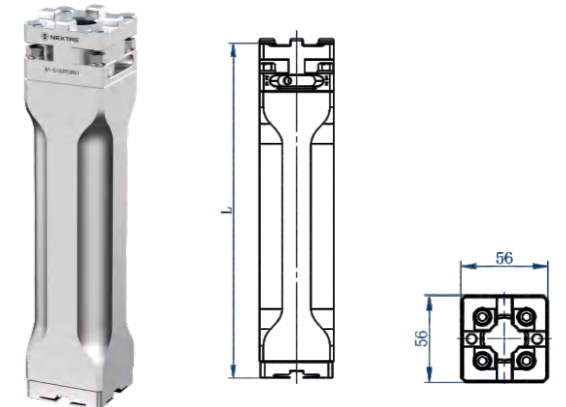
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P56RV1	4,000(N)	手动 Manual	NT-S100P36RV1	0.8Kg

## R系手动延长卡盘

R-Series Prolong Manual Chuck

### 产品特点 | Product Features

- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 2-4x90°固定分度位置  
2-4 Fixed 90° Indexing Positions
- 专为扩展机床主轴加工范围而设计  
Specially designed to extend the machining envelope of the machine spindle.

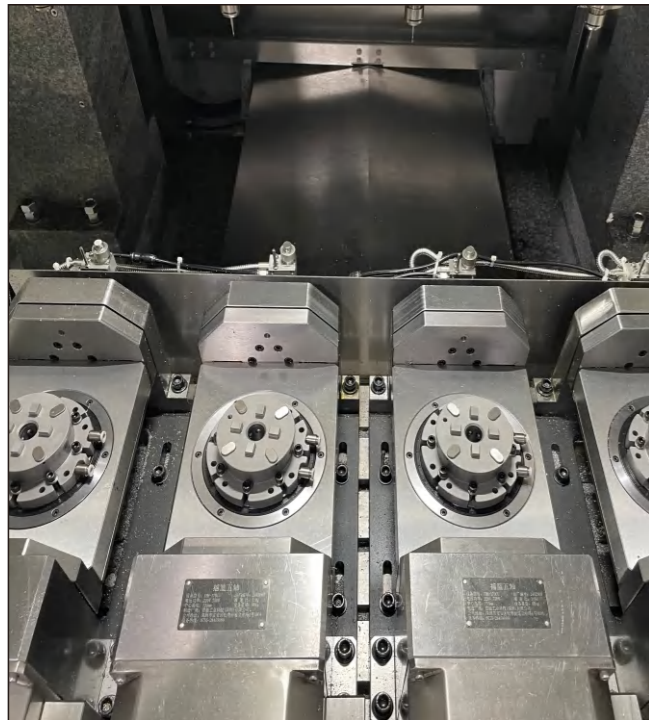


产品编号 Item No.	夹紧力 Clamping Force	延长尺寸 Extended Dimension	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P56RV2	4,000(N)	6 in.	手动 Manual	NT-S100P36RV1	2Kg
NT-S100P56RV3	4,000(N)	10 in.	手动 Manual	NT-S100P36RV1	2.5Kg



## APPLICATION EXAMPLES

### 应用案例展示



• R系卡盘五轴四工位应用  
R-Series Chuck with 4-Station Indexing on a 5-Axis Machining Center



• 车床R系卡盘应用  
R-Series Chuck on a Lathe



• 五轴搭配R系强力夹持重切削应用  
Heavy-Duty Machining 5-Axis Centers Coupled with R-Series High-Power Chucks

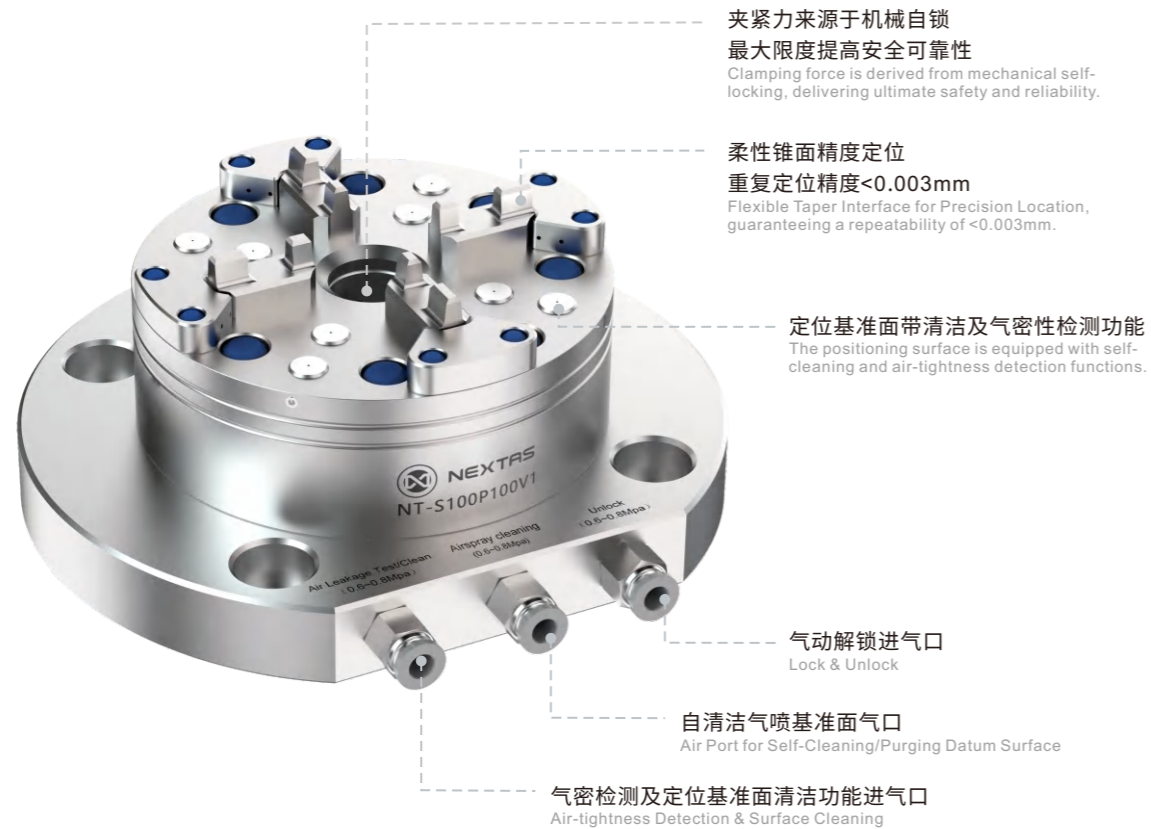


• 四轴搭配R系卡盘强力夹持重切削应用  
Heavy-Duty Cutting 4-Axis Machines Equipped with R-Series High-Power Chucks

# E-SERIES PNEUMATIC CHUCK SYSTEM

## E系基准卡盘系统





重复定位精度<0.003mm, 确保了加工件的一致性和准确性。  
Repeat positioning accuracy of smaller than 0.003mm ensures consistency and accuracy of machined parts.



通过快速定位和装夹, 降低了预调时间和装夹时间, 提高了生产效率。  
Reduced pre-adjustment time and clamping time through quick positioning and clamping improves productivity.



能够适应多种加工需求, 适用于小批量、多品种的生产场景。  
Capable of adapting to a variety of processing needs, suitable for small batch, multi-species production scenarios.



行业通用标准接口, 方便用户进行系统集成和升级。  
Industry common standard interface, user-friendly system integration and upgrading.

**6kN**

夹紧力  
Clamping Force

**<0.003mm**

重复定位精度  
Repeat Positioning Accuracy

**4x90°**

固定分度位置  
Fixed Indexing Position

**0.5-0.8Mpa**

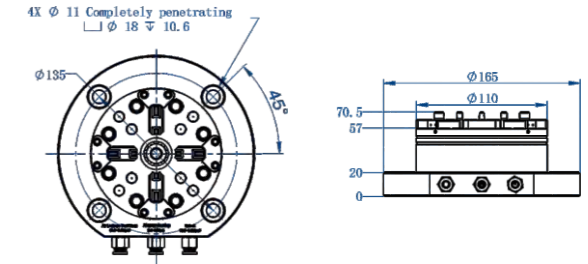
气压解锁方式  
Pneumatic Drive

## E系100型气动卡盘

E-Series Model 100 Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 适用于搭配不同基板电极或高精度定位切削应用  
Compatible with various substrate electrodes and suitable for high-precision positioning and machining applications.



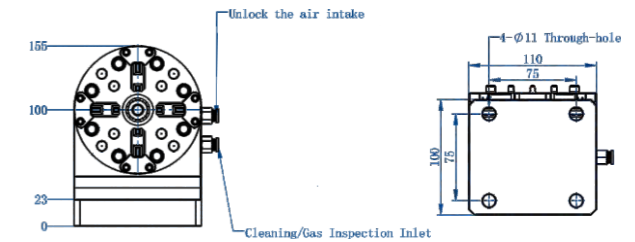
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P100V1	>6,000(N)	气压 Air Pressure	NT-S200P55V2	5.3Kg

## E系100型侧立式气动卡盘

E-Series Model 100 Vertical-Mount Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning & Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 可四面互转装夹, 实现设备手动切换四轴转向精度  
Four-sided interchangeable indexing fixture enabling manual 4-axis orientation changes with high precision.



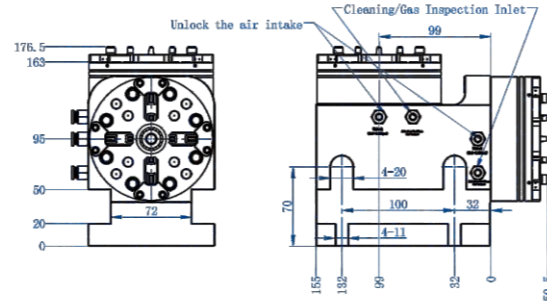
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P100V2	>6,000(N)	气压 Air Pressure	NT-S200P55V2	7.1Kg

## E系100型直角式气动卡盘

E-Series Model 100 Right-Angle Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position
- 可五面互换装夹, 实现设备手动切换五轴转向定位精度  
A five-sided interchangeable indexing fixture system enabling manual 5-axis orientation and positioning with high accuracy.



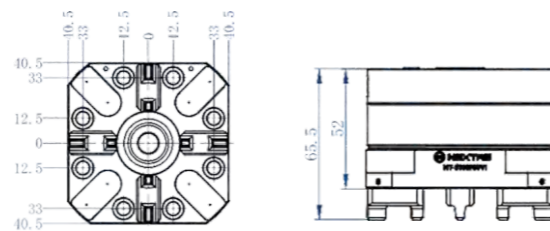
产品编号 Item No.	夹紧力 Clamping Force	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P100V3	>6,000(N)	气压 Air Pressure	NT-S200P55V2	17.7Kg

## EDM气动卡盘

EDM Pneumatic Chuck

### 产品特点 | Product Features

- 机械自锁结构  
Mechanical self-locking structure
- 定位基准面自清洁及气密性检测功能  
Self-cleaning&Air-tightness
- 内孔清洁功能  
Pull stud hole cleaning function
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复定位精度<0.003mm  
Repeat Positioning Accuracy < 0.003 mm
- 4x90°固定分度位置  
4x90° Fixed Indexing Position



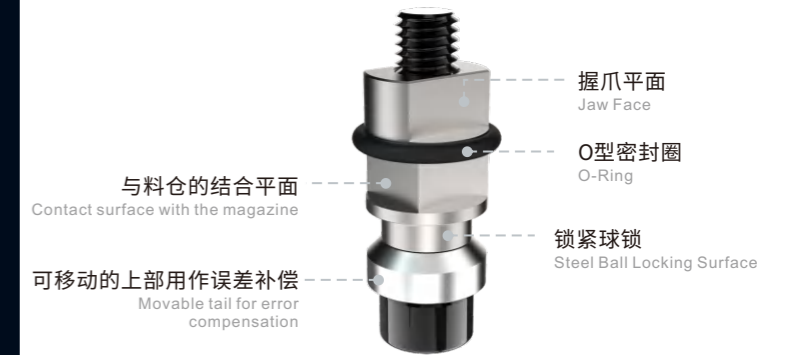
产品编号 Item No.	夹紧力 Clamping Force	夹紧载重 Clamping Load	解锁方式 Unlocking Method	适配拉钉编号 Fitting Pull Stud NO.	重量 Weight
NT-S100P80V1	4,000(N)	15Kg	气压 Air Pressure	NT-S200P55V2	2Kg

## Clamping Stud

### 夹紧拉钉

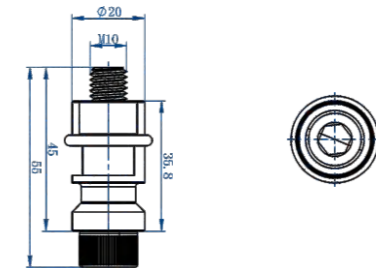
各种规格的拉钉适用于各种应用。  
Various pull studs for versatile applications.

夹紧拉钉仅在加工过程中旋紧在夹头或托板上, 由于它不影响基准位置, 为节省存储空间, 平常可拆下, 使用夹头或托盘时再安装。  
Designed to be installed only during machining, the clamping stud does not compromise datum accuracy. This allows for its removal when not in use, significantly optimizing storage space.



## E系自动型拉钉

Clamping Stud for E-Series Pneumatic Chuck



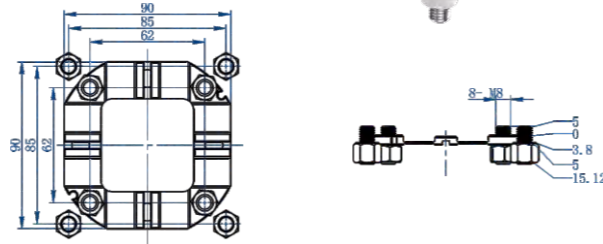
产品编号 Item No.	材质 Material	重量 Weight
NT-S100P55V2	硬化不锈钢材质 Hardened Stainless Steel	0.08Kg

## E系强力型定位片

E-series Heavy-duty Locating Plate

### 产品特点 | Product Features

- 每个定位片含8个M8的支撑架  
Each locating plate is equipped with 8\*M8 support brackets.



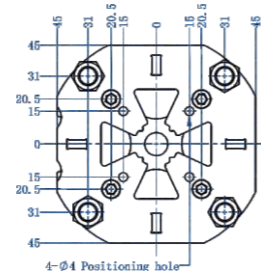
产品编号 Item No.	材料 Material	重量 Weight
NT-S100P90V1	硬化不锈钢材质 Hardened Stainless Steel	0.15Kg

## E系90型定位片

E-Series Model 90 Locating Plate

### 产品特点 | Product Features

- 每个定位片含4个M8的支撑脚和4个M5螺钉  
Each locating plate is equipped with 4\*M8 support feet and 4\*M5 screws.



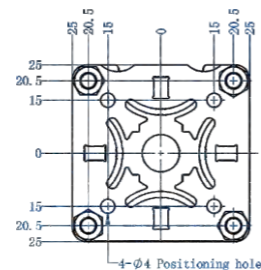
产品编号 Item No.	材料 Material	重量 Weight
NT-S100P90V2	硬化不锈钢材质 Hardened Stainless Steel	0.11Kg

## E系50型定位片

E-Series Model 50 Locating Plate

### 产品特点 | Product Features

- 每个定位片含4个M8的支撑脚  
Each locating plate is equipped with 4\*M8 support brackets.



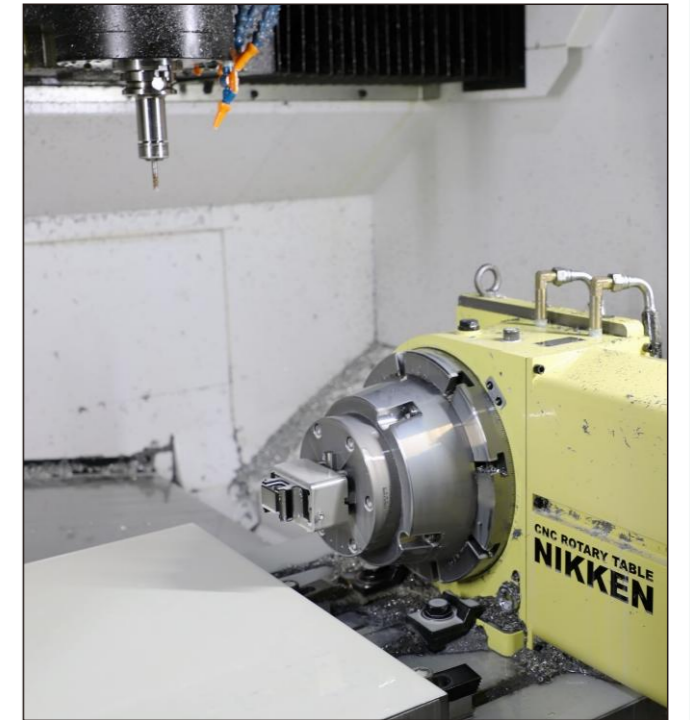
产品编号 Item No.	材料 Material	重量 Weight
NT-S100P50V1	硬化不锈钢材质 Hardened Stainless Steel	0.03Kg

## APPLICATION EXAMPLES

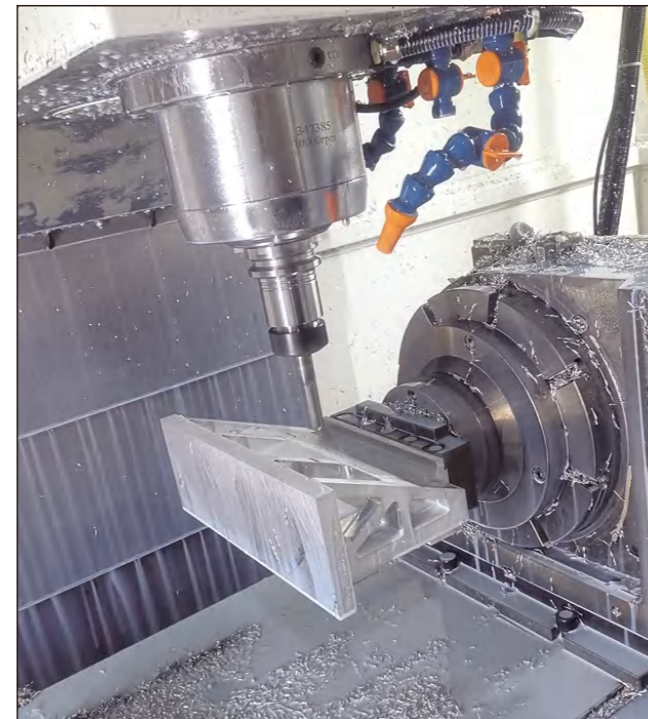
### 应用案例展示



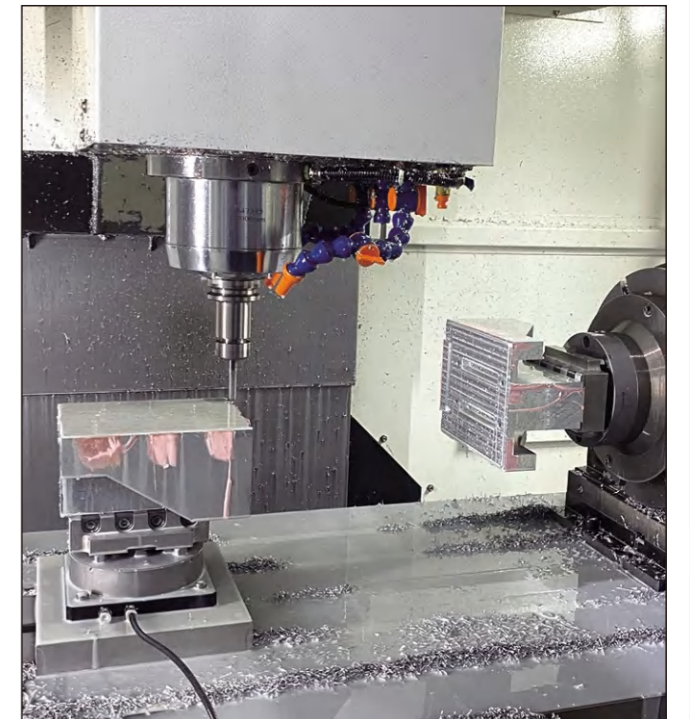
- 五轴搭配E系卡盘应用  
5-Axis Machining Application with E-Series Chuck System



- 四轴搭配E系卡盘应用  
4-Axis Machining Application with E-Series Chuck System



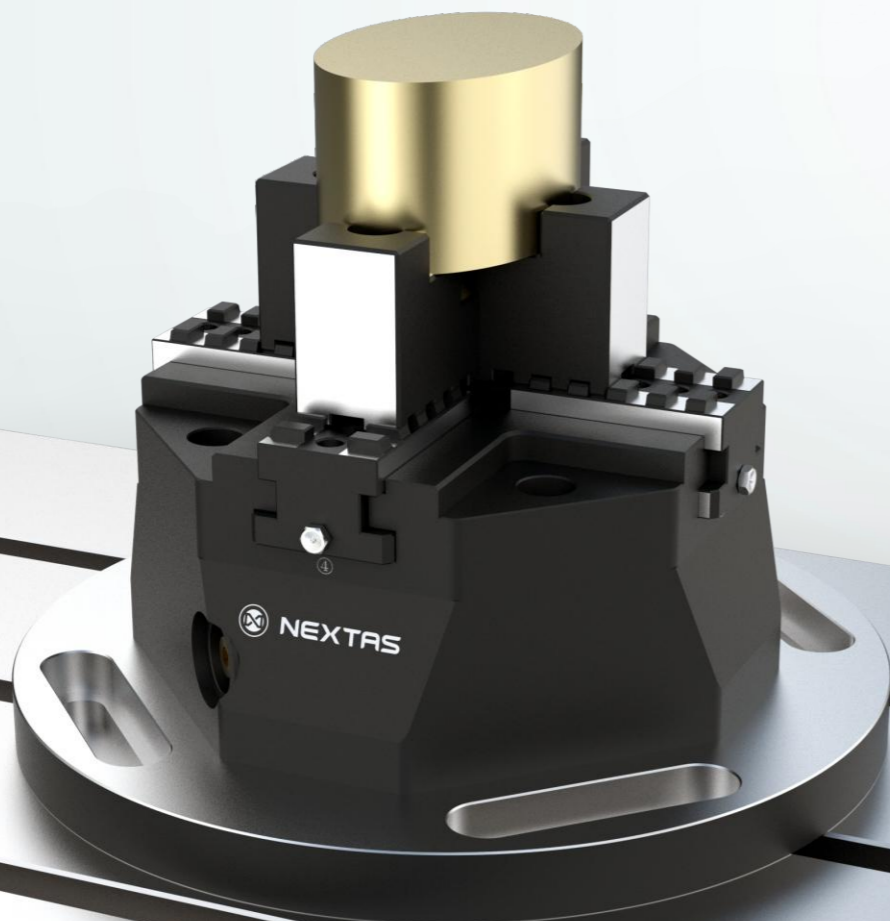
- 四轴搭配E系气动卡盘重切削应用  
4-axis & E-series pneumatic chucks for heavy cutting



- 四轴与E系卡盘组合转五轴快换应用  
The 4+1 Axis Solution: A Modular Path to 5-Axis with E-Series Quick-Change

# FOUR-JAW FLOATING CHUCK

## 浮动四爪卡盘



## Product Features

### 产品特点



#### 自动定心 | Self-Centering

夹持异形、不规则、圆形工件时，无需人工找正，自动精确确定夹持中心，确保极高的重复夹持精度。  
When clamping irregular, complex, or round workpieces, it eliminates manual alignment by automatically determining the precise clamping center, ensuring exceptionally high repeat accuracy.



#### 可调节夹持范围 | Adjustable Clamping Range

通过浮动调节夹爪位置，自由适配不同尺寸与形状的工件，一夹多用，大幅提高夹具利用率，降低夹具成本。  
Through floating jaw adjustment, it freely adapts to workpieces of various sizes and shapes. This multi-purpose clamping capability significantly increases fixture utilization and reduces overall tooling costs.



#### 浮动夹持 | Floating Clamping

夹爪自适应浮动，确保夹持力均匀分布，有效防止工件变形、打滑或夹空，保障加工安全与质量。  
The self-adaptive floating jaws ensure even distribution of clamping force, effectively preventing workpiece deformation, slippage, or mis-clamping, thereby guaranteeing machining safety and quality.

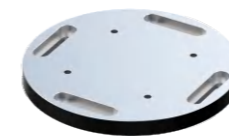


#### 安全生产 | Safety Production

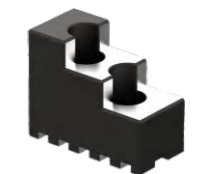
实现快速定位与一键夹紧，大幅减少繁琐的人工校正环节，显著降低操作难度与劳动强度，提升整体作业安全性与效率。  
It achieves rapid positioning and one-touch clamping, drastically reducing tedious manual alignment steps. This significantly lowers operational difficulty and physical strain, while enhancing overall job safety and efficiency.



夹具主体  
Fixture Body



夹具安装底板  
Fixture Mounting Plate



可调浮动夹爪  
Adjustable Floating Jaws



拧紧六角扳手  
Hex Wrench

仅需使用六角扳手拧动单一自定心丝杆，即可同步控制X/Y方向的可调浮动夹爪协同收紧，自动确定工件几何中心，实现高精度、自适应的快速定心与夹紧。  
Simply turn a single self-centering lead screw with a hex wrench to synchronously control the adjustable floating jaws in both X and Y directions. This action automatically locates the workpiece's geometric center, achieving high-precision, adaptive centering and clamping.

**0.02mm**

重复定位精度  
Repeat Positioning Accuracy

**40,000N**

夹紧力  
Clamping Force

**20mm**

夹持行程  
Clamping Stroke

**0~220mm**

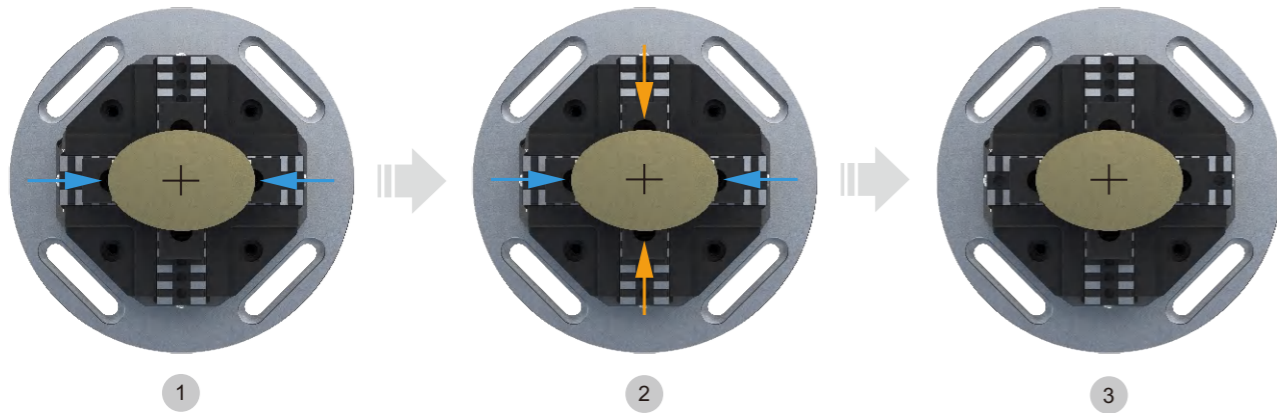
夹爪调节范围  
Jaw Adjustment Range

**500kg**

承载  
Load Capacity



多种形状工件夹持展示  
Clamping Demonstration for Various Workpiece Shapes



1 X方向夹爪先收紧  
First, tighten the jaws in the X-direction.

2 X方向夹爪预收紧后  
Y方向夹爪开始收紧  
After pre-tightening the jaws in the X-direction, subsequently begin tightening the jaws in the Y-direction.

3 X、Y方向均预夹紧后  
再拧紧扳手完成夹紧  
Pre-tighten the jaws in both the X and Y directions. Then, fully tighten the wrench to complete the clamping process.

• 使用拧紧六角扳手拧动夹具主体上的自定心丝杆，此时X方向浮动夹爪先向内收紧，直到确定X方向中心后完成预夹紧；  
Using a hex wrench, turn the self-centering lead screw on the fixture body. The floating jaws in the X-direction will initially move inward. Continue tightening until they locate and pre-clamp the workpiece at the X-axis center.

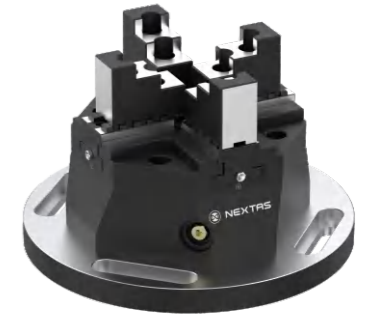
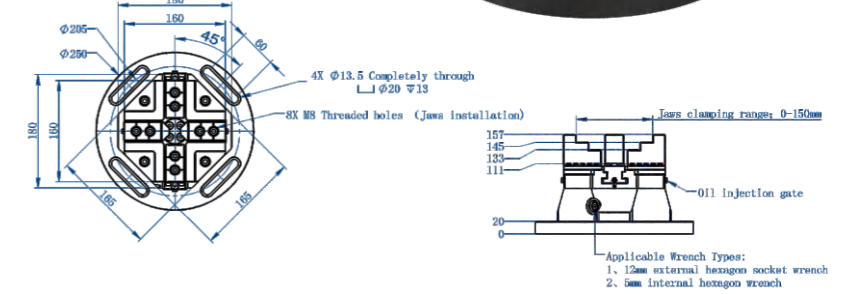
• 当X方向预夹紧工件后拧动自定心丝杆，Y方向浮动夹爪开始向内收紧，直到确定Y方向中心后完成预夹紧，完成自定心；  
After the workpiece is pre-clamped in the X-direction, continue turning the self-centering lead screw. This will cause the floating jaws in the Y-direction to begin moving inward. Continue until they locate the Y-axis center and apply pre-clamping force, thereby completing the self-centering process.

## P150浮动四爪卡盘

P150 Four-jaw Floating Chuck

### 产品特点 | Product Features

- 四爪浮动夹持自定心  
4-Jaw Floating Clamping with Self-Centering Capability
- 重复定位精度0.02mm  
Repeating Positioning Accuracy 0.02mm
- 硬化不锈钢材质  
Hardened Stainless Steel
- 高强度结构带润滑系统  
High-Strength Structure with Integrated Lubrication System
- 适应性不规则结构产品夹持定心  
Adaptive Clamping and Centering for Irregular and Asymmetric Structural Parts



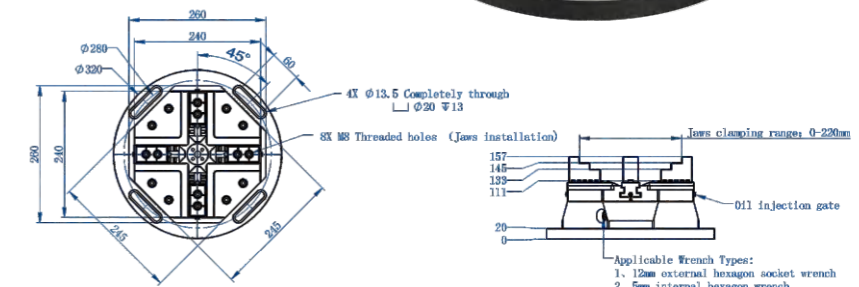
产品编号 Item No.	夹紧力 Clamping Force	夹持行程 Clamping Stroke	夹持范围 Clamping Range	重量 Weight
NT-S00P150SZ	30,000(N)	20mm	0~150mm	21.4Kg

## P220浮动四爪卡盘

P220 Four-jaw Floating Chuck

### 产品特点 | Product Features

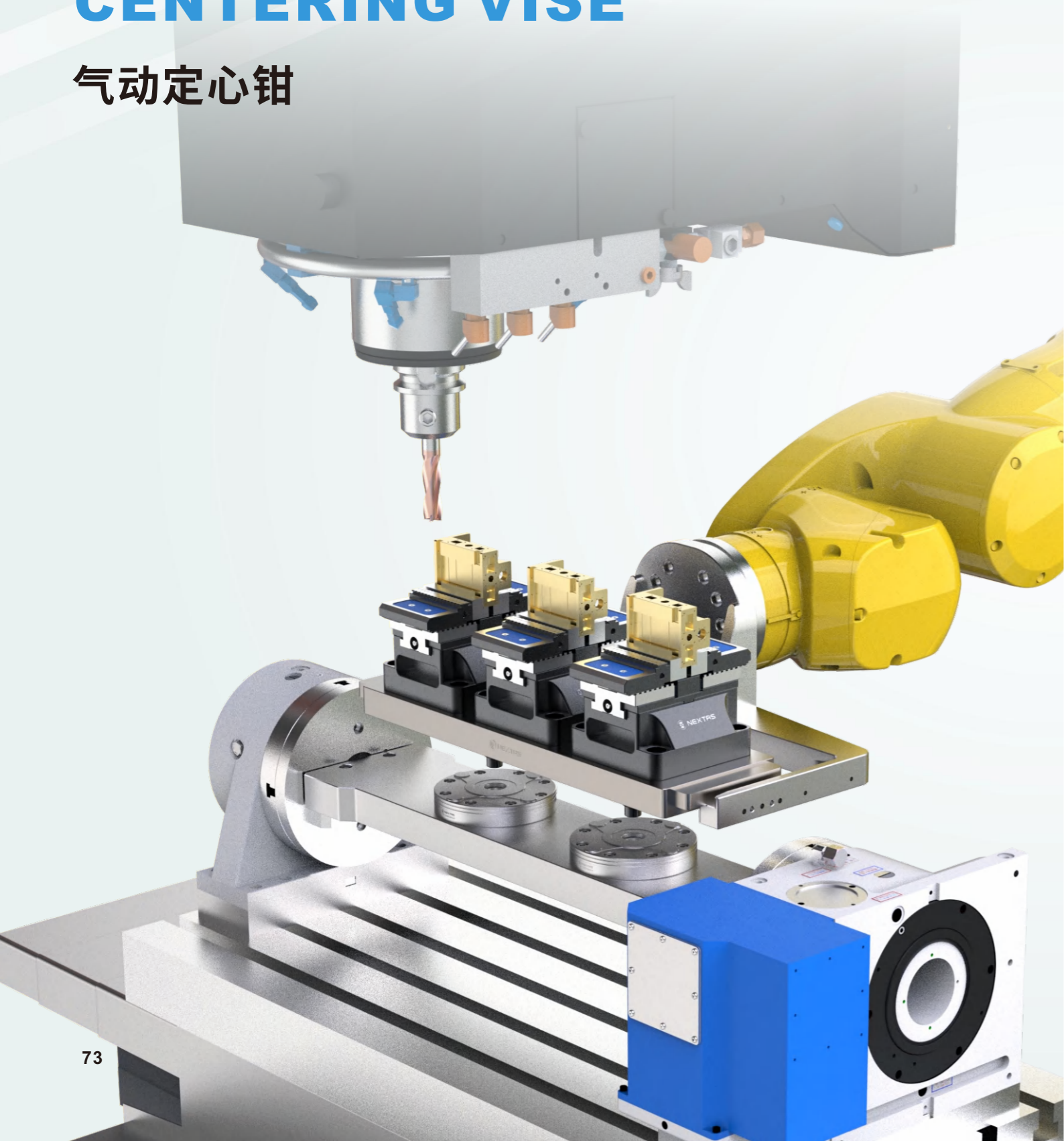
- 四爪浮动夹持自定心  
4-Jaw Floating Clamping with Self-Centering Capability
- 重复定位精度0.02mm  
Repeating Positioning Accuracy 0.02mm
- 硬化不锈钢材质  
Hardened Stainless Steel
- 高强度结构带润滑系统  
High-Strength Structure with Integrated Lubrication System
- 适应性不规则结构产品夹持定心  
Adaptive Clamping and Centering for Irregular and Asymmetric Structural Parts



产品编号 Item No.	夹紧力 Clamping Force	夹持行程 Clamping Stroke	夹持范围 Clamping Range	重量 Weight
NT-S00P220SZ	40,000(N)	20mm	0~220mm	41Kg

# PNEUMATIC CENTERING VISE

## 气动定心钳



## Product Features

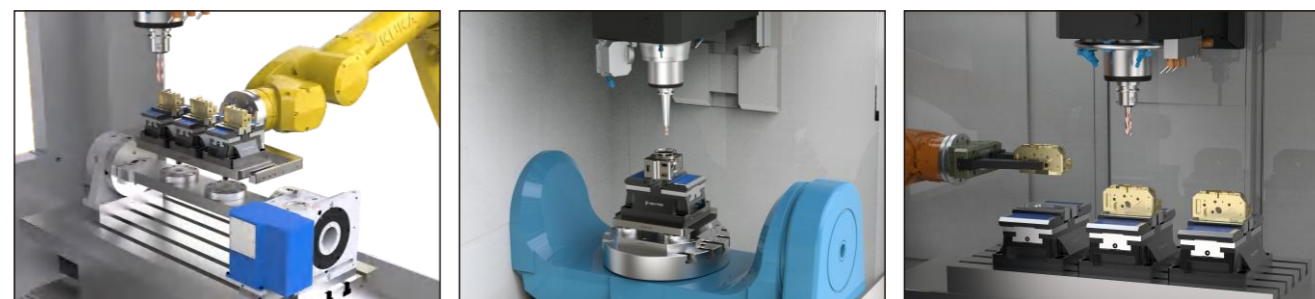
### 产品特点

- 1 气动驱动，机械锁紧，断气不失力，安全更稳定。  
Air to Move, Mechanics to Hold – Ensuring Safety When Air is Gone.
- 2 大容量动力活塞腔结构设计，可提供倍增压夹持力。  
Engineered with a large-capacity piston chamber that delivers multiplied clamping force through pressure intensification.
- 3 仿生S形油路，精准润滑，提升精度与寿命。  
Features a bio-inspired S-shaped oil circuit for precise lubrication, enhancing accuracy and service life.
- 4 采用导轨齿型条组合式安装结构，可根据工件尺寸，快速、精确地调整两侧钳口夹持范围。  
Incorporates a modular rail-and-rack mounting structure, allowing for rapid and precise adjustment of jaw spacing to accommodate various workpiece sizes.
- 5 钳口导轨采用标准化定位接口设计，可兼容多样化产品夹持需求。  
The jaw rail features a standardized locating interface design, enabling compatibility with a wide range of product clamping requirements.
- 6 硬爪采用一体式设计，正面光洁夹持面用于直接接触并夹持工件的已加工精密表面；侧面配备螺纹孔，可作为侧面定位使用。  
The hard jaw is of monolithic construction. Its front face provides a smooth clamping surface for direct contact with machined workpiece surfaces; the side is equipped with threaded holes for use as a lateral locating feature.
- 7 创新采用燕尾式锯齿型钳口设计。在仅需3mm有效夹持深度时，即可产生远大于传统平钳口的法向咬合力与抗滑移能力，实现“浅夹深、高刚性”的夹持效果。  
Innovatively employs a dovetail serrated jaw design. With only 3mm of effective clamping depth, it generates significantly greater normal biting force and anti-slip resistance than traditional flat jaws, achieving a "shallow grip, high rigidity" clamping effect.



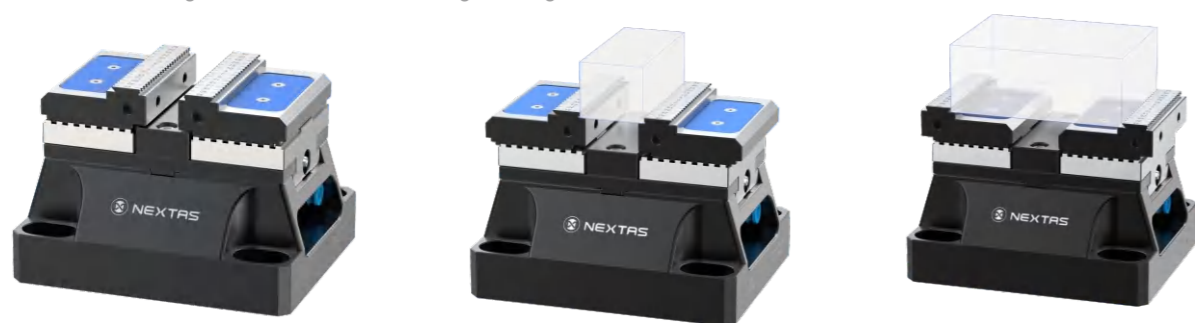
### 应用场景

#### Application Scenarios



## 气动定心钳 - 硬爪正反安装使用

Pneumatic Centering Vise – Solid Jaw Mounting & Usage



虎钳硬爪正反使用  
Vise Hard Jaws - Dual-station  
Installation & Usage

硬爪正面夹持示意  
Hard Jaw Front  
Clamping Illustration

硬爪反面夹持示意  
Hard Jaw Reverse-Side  
Clamping Illustration

### 如何安装 How to install



#### Step 1

内六角扳手将左右夹爪从夹爪座上拆解下来。  
Allen wrench to disassemble the left and right jaws from the jaw holder.



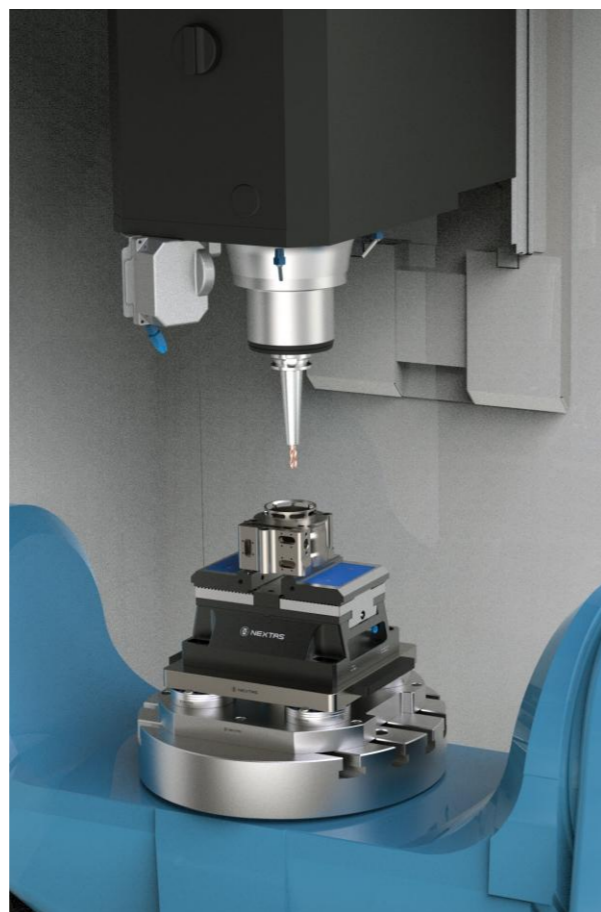
#### Step 2

将拆解下来的左右夹爪调转方向安装或调节夹爪夹持范围。  
Reverse the direction of the disassembled left and right jaws to install or adjust the jaw clamping range.



#### Step 3

安装完成待使用。  
Installation completed.



## 气动定心钳 - 软爪正反安装使用

Pneumatic Centering Vise – Soft Jaw Usage



虎钳软爪使用  
Using Soft Jaws for Vises

软爪夹持示意  
Soft Jaw Clamping Illustration

仿型定位夹持示意  
Custom Contour Clamping Demo

### 如何安装 How to install



#### Step 1

准备需要的软爪何对应的气动虎钳。  
Gather the required soft jaws and matching pneumatic vise.



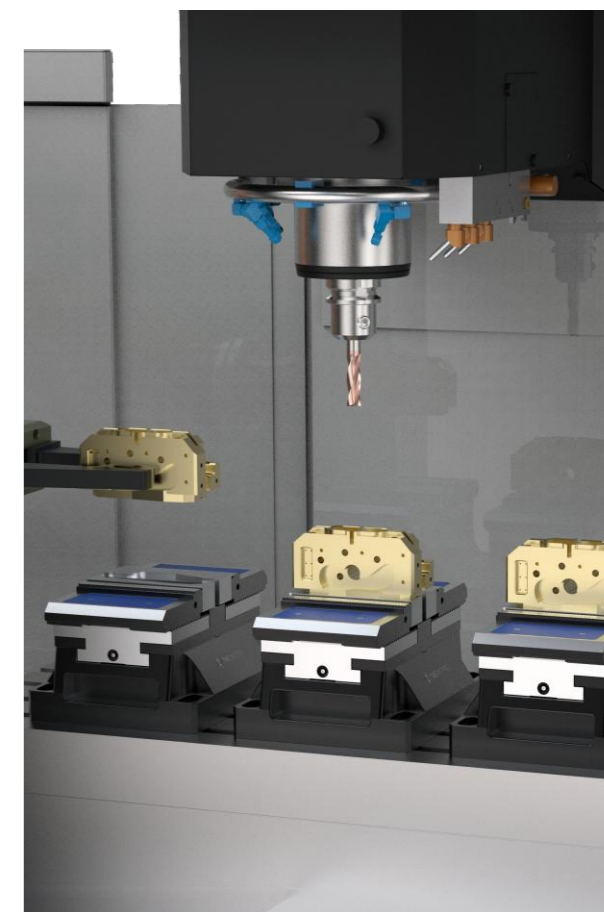
#### Step 2

通过螺丝锁紧安装软爪或调节夹持范围。  
To install soft jaws or adjust the clamping width, use the provided screws to secure or reposition the jaws.



#### Step 3

安装完成待使用。  
Installation completed.

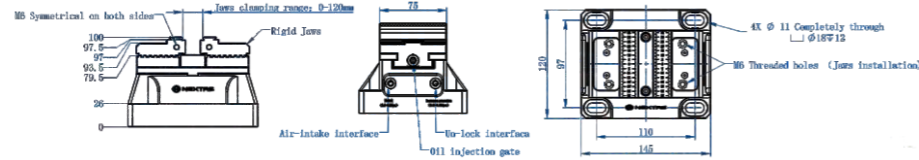


## P75定心钳

P75 Pneumatic Centering Vise

### 产品特点 | Product Features

- 机械自动锁机构, 操作便捷夹持稳定  
Mechanical Automatic Locking Mechanism, Easy to Operate and Stable in Clamping
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复夹持精度<0.01mm  
Repeating Clamping Accuracy < 0.01 mm
- 夹爪可调节夹持范围, 钳口预留软钳块加工仿形夹  
The jaws feature an adjustable clamping range, with soft jaw inserts reserved on the clamping faces for machining soft jaws.



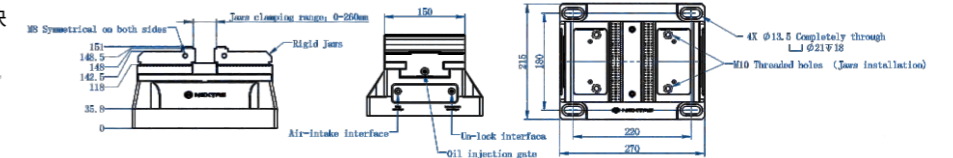
产品编号 Item No.	工作压力 Work Pressure	夹紧力 Clamping Force	解锁方式 Unlocking Method	单爪行程 Unlocking Method	夹持调节范围 Fitting Pull Stud NO.	重量 Weight
NT-S75P75V1	0.5~0.8Mpa	4,200(N)	气动 Pneumatic	2.5mm	0~125mm	7Kg
NT-S75P75V2	6Mpa	9,000(N)	液压 Hydraulic	2.5mm	0~125mm	7.4Kg

## P150定心钳

P150 Pneumatic Centering Vise

### 产品特点 | Product Features

- 机械自动锁机构, 操作便捷夹持稳定  
Mechanical Automatic Locking Mechanism, Easy to Operate and Stable in Clamping
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复夹持精度<0.01mm  
Repeating Clamping Accuracy < 0.01 mm
- 夹爪可调节夹持范围, 钳口预留软钳块加工仿形夹  
The jaws feature an adjustable clamping range, with soft jaw inserts reserved on the clamping faces for machining soft jaws.



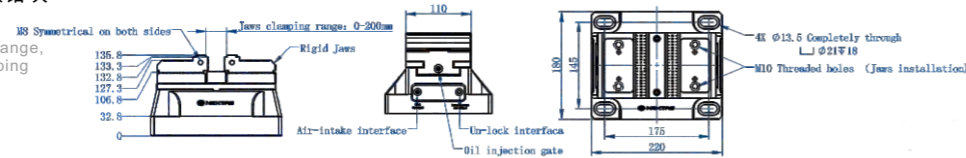
产品编号 Item No.	工作压力 Work Pressure	夹紧力 Clamping Force	解锁方式 Unlocking Method	单爪行程 Unlocking Method	夹持调节范围 Fitting Pull Stud NO.	重量 Weight
NT-S150P150V1	0.5~0.8Mpa	20,000(N)	气动 Pneumatic	2.5mm	0~250mm	41.6Kg
NT-S150P150V2	6Mpa	45,000(N)	液压 Hydraulic	2.5mm	0~250mm	42Kg

## P110定心钳

P110 Pneumatic Centering Vise

### 产品特点 | Product Features

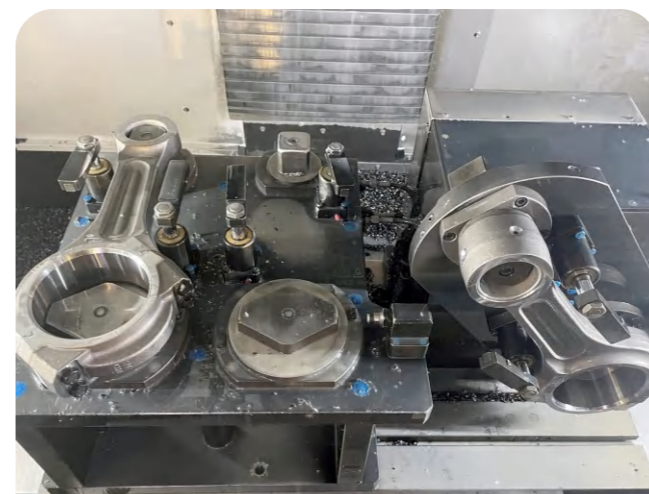
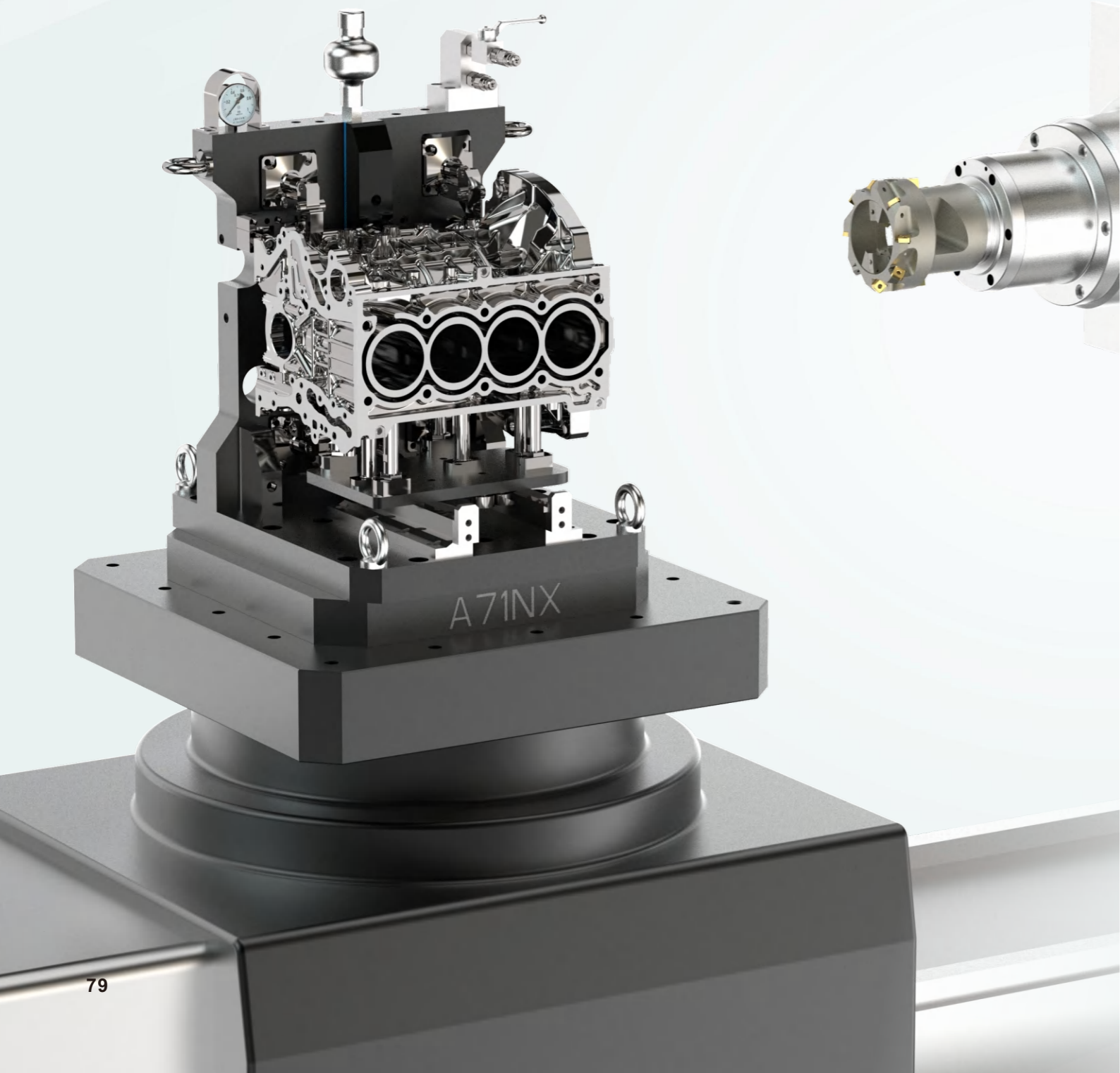
- 机械自动锁机构, 操作便捷夹持稳定  
Mechanical Automatic Locking Mechanism, Easy to Operate and Stable in Clamping
- 硬化不锈钢材质  
Hardened Stainless Steel
- 重复夹持精度<0.01mm  
Repeating Clamping Accuracy < 0.01 mm
- 夹爪可调节夹持范围, 钳口预留软钳块加工仿形夹  
The jaws feature an adjustable clamping range, with soft jaw inserts reserved on the clamping faces for machining soft jaws.



产品编号 Item No.	工作压力 Work Pressure	夹紧力 Clamping Force	解锁方式 Unlocking Method	单爪行程 Unlocking Method	夹持调节范围 Fitting Pull Stud NO.	重量 Weight
NT-S110P110V1	0.5~0.8Mpa	12,000(N)	气动 Pneumatic	2.5mm	0~200mm	23.2Kg
NT-S110P110V2	6Mpa	30,000(N)	液压 Hydraulic	2.5mm	0~200mm	24.9Kg

# CUSTOMIZED SOLUTIONS

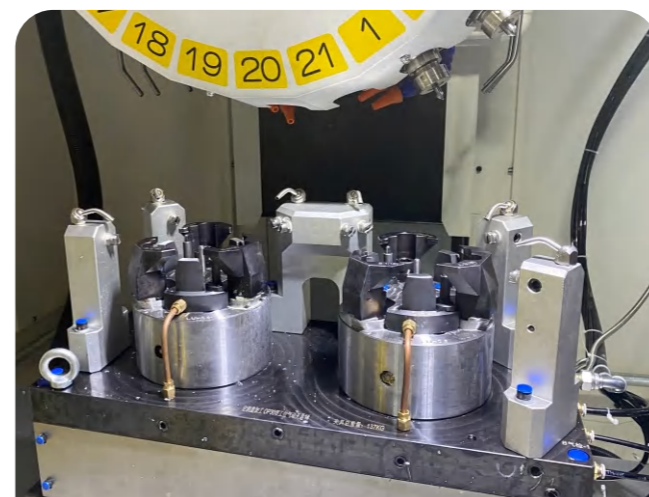
## 定制化解决方案



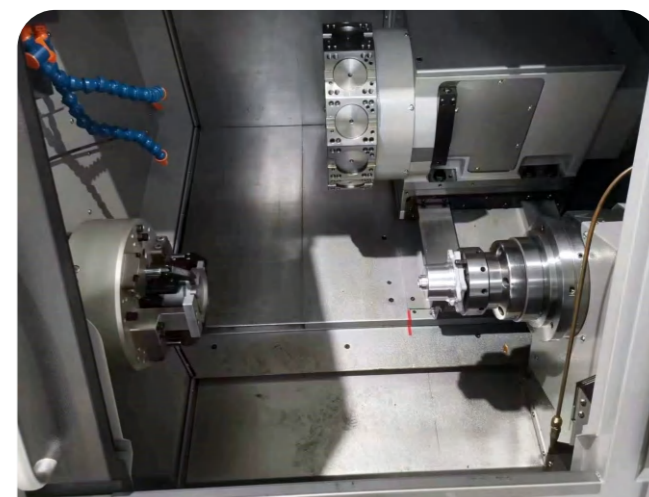
多工序大连杆液压夹具  
Multi-Process Hydraulic Fixture for Large Connecting Rods



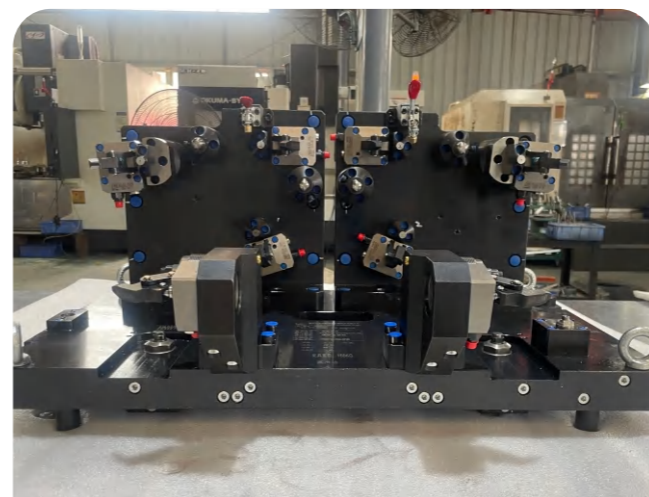
壳体主轴转台液压夹具  
Hydraulic Rotary Fixture for Housings/Spindles



空调压缩机涡盘双工位液压夹具  
Dual-Station Hydraulic Fixture for Compressor Orbiting Scrolls



双头主轴卧式车床夹具  
Twin-Spindle Horizontal Lathe Fixture



新能源汽车后地板上横梁左右连接板液压夹具  
Hydraulic Fixture for Left/Right Connecting Plate of Rear Floor Crossmember in New Energy Vehicles



新能源汽车增程发动机缸体液压夹具  
Hydraulic Fixture for Range-Extender Engine Block (New Energy Vehicles)

# OUR SERVICES

## 我们的服务

### 国际化销售

#### 布局全球网络

International Sales  
A Global Network for Worldwide Reach



- 总部/Headquarters
- 办事处/Office
- 服务网点/Service Points

## “国内深度覆盖”+“海外精准布局”组合

Domestic Depth + Overseas Precision

**11+** 国家及地区  
Countries and Regions

业务遍及 11 个国家与地区  
We serve customers across 11 countries and regions.

全球统一服务标准, 品质始终如一  
One Standard. Unwavering Quality Worldwide.

**50+** 国内核心城市  
Key Domestic Cities

国内服务网络已全面覆盖50+核心城市  
Our domestic service network has expanded to reach over 50 key cities.

承诺24/48小时快速响应  
We guarantee a rapid response within 24/48 hours.