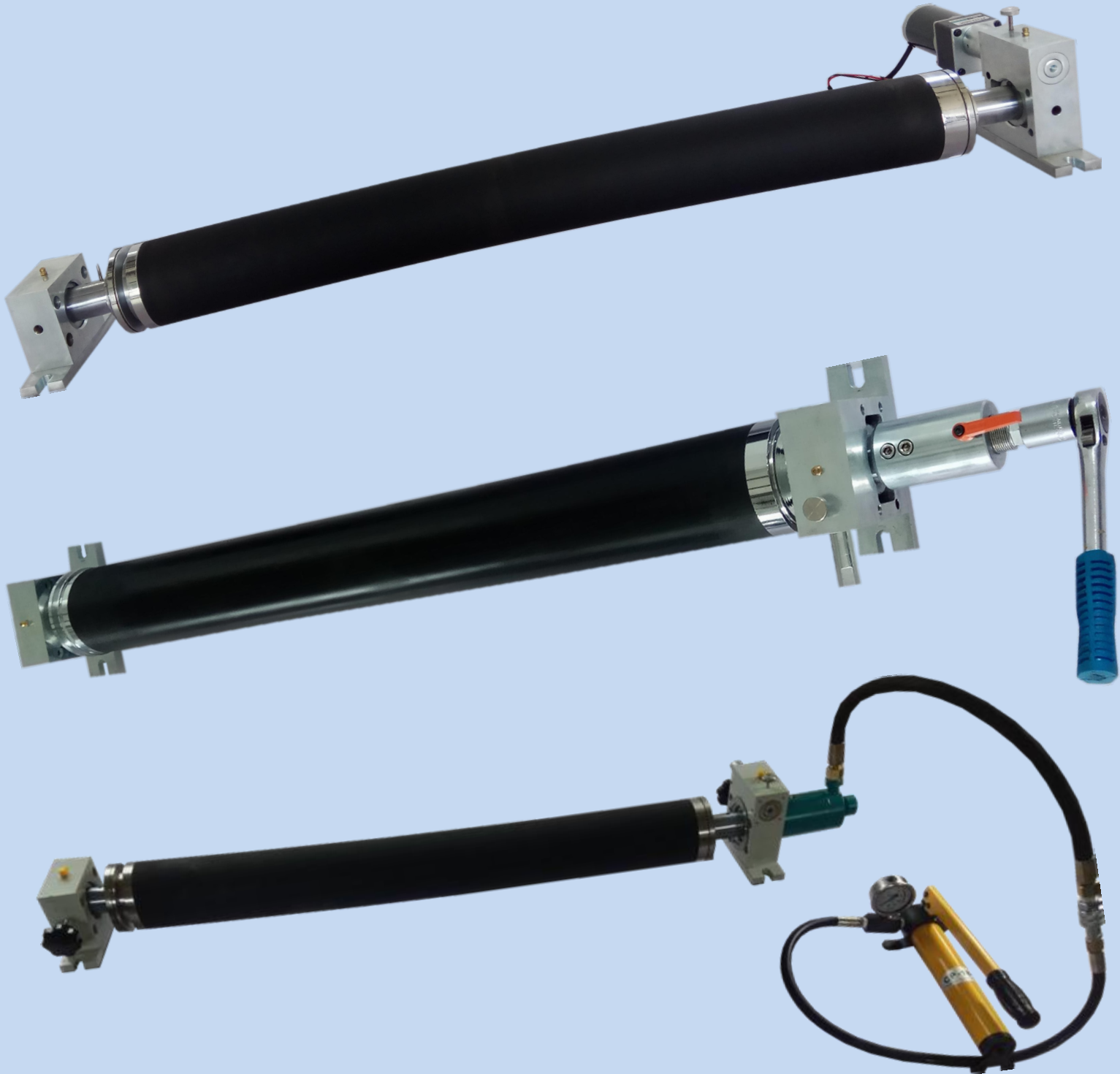


高品质弧形辊

Produces high quality of performance



邯郸市达南科机械科技有限公司

HanDan DNK MECHANICAL SCIENCE AND TECHNOLOGY CO.,LTD





立己达人 共创三赢

DNK, Cooperate to achieve a win-win-win situation

## 邯郸达南科机械科技有限公司

邯郸达南科公司一直致力于展平辊的研发和维修，其产品质量优异，品种齐全，尤其在高速应用中仍能保持性能稳定可靠。达科展平辊广泛应用于薄膜、锡箔、纺织和造纸等多个行业。

我们的核心团队拥有丰富的弧形辊研发和维修经验，70%的团队成员拥有国际著名辊子服务公司工作经验，服务过的著名品牌有德国西科、美国 MountHope、日本 KSK、意大利 Tecnomec3 等国际著名弧形辊品牌。

- 表面包胶弧形辊
- 金属面弧形辊
- 中高可调弧形辊
- 根据客户需求订做

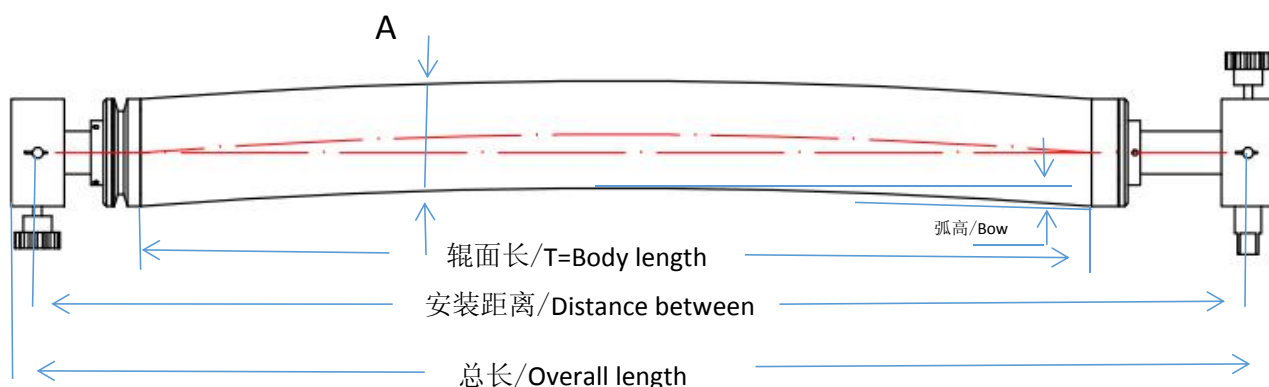
## HANDAN DNK MECHANICAL SCIENCE AND TECHNOLOGY DEVELOPMENT CO.,LTD.

We are dedicated to research and development spreader rollers. We have rich experience on maintenance as well. The products have high quality ,especially on high speed operating also have the reliable performance.

DNK spreader rollers are suitable for all applications in the textile, tinfoil, paper and plastic industry. 70% of our core team members have the experience of repairing the international famous brands. like Kickert, MountHope, KSK and Tecnomec3.

- Curved spreader rolls rubber covering.
- Curved metal spreader rolls
- Adjustable bow curved spreader rolls
- Special designs to customer' requirement

## R 系列弧形辊 / Series R rolls



辊径/A (mm)  $\phi 60$ — $\phi 240$  面宽/T (mm) 300-8000

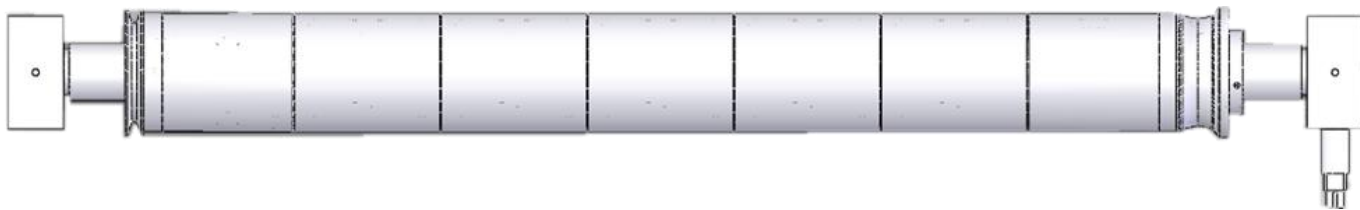
1. 该弧形辊弧高不变，是最为广泛使用的类型。
2. 根据客户的应用环境，我们可提供不同的橡胶材质，辊面可进行凹槽加工，加特氟龙套等。
3. 该弧形辊广泛使用于薄膜、纸张、金属箔、纤维等材料。
4. 比起直线展平辊，展平效果更稳定。

1. This model of spreader rolls are widely used, whose bow are fixed.
2. We can supply different kinds of rubber sleeves to suit customer's application environment. The face of the rubber can be processed in special way, such as cover grooving, teflon.
3. This series of rolls is used many materials: Plastic films, paper, foil, fabric and so on.
4. Compare to straight-line spreader rolls, this series roll has more stable spreading effect.



## 金属面弧形辊/ Spreader rolls with metal surface

### M 系列/M series



辊径/Dia (mm)	φ60—φ240
面宽/Face length (mm)	300—8000

#### 特色:

- 1.优秀的耐高温能力，耐磨能力，防粘易清洁；
- 2.最高车速可达 2000m/min；
- 3.可进行各种表面处理，例如喷砂、电镀、凹槽加工 及特殊要求；
- 4.适用场合：分切机、复卷机、涂布机、纸机。

#### Feature:

- 1.Better high temperature resistance, abrasion proof, anti-adhesive, and easy to clean.
- 2.The highest speed:2000m/min.
- 3.Different surface processing methods, such as Sand-blasting、Chrome plated、cover grooving. Special executions upon request.
- 4.Suitable machine: Cutter machine、Re-reeling machine、coating machine and paper machine.



## 机械可调弧形辊/Mechanical adjustable spreader rolls

### V 系列弧形辊/series rolls



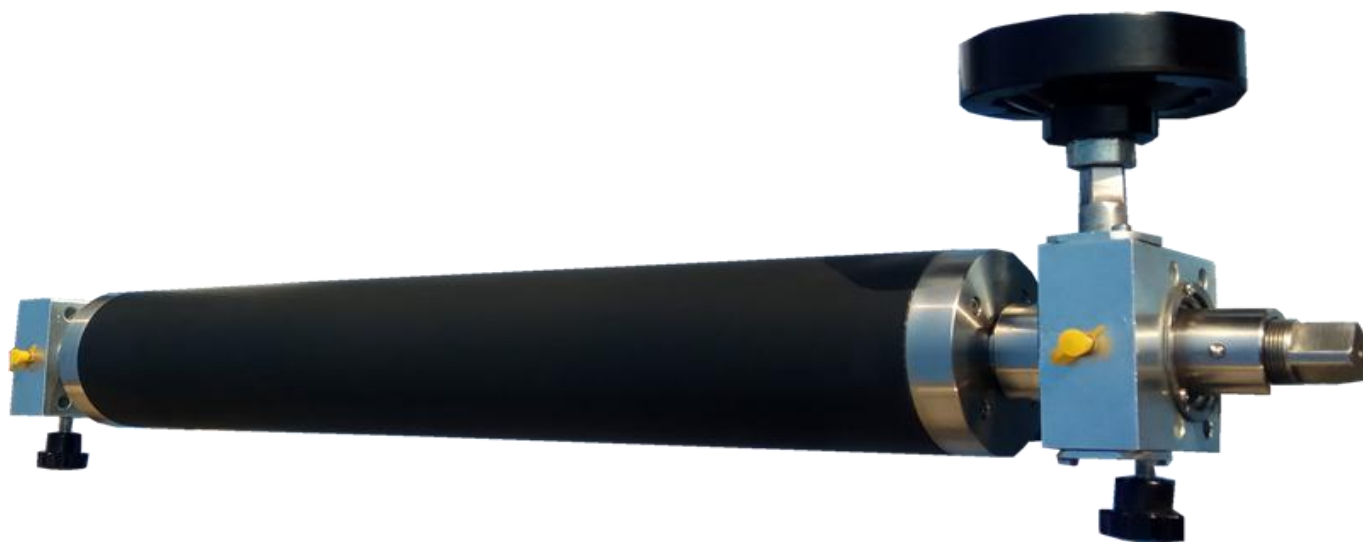
通过棘轮扳手调整弧高，导辊直径 $\leq$ 130mm

V 系列可变弧度展平辊可采用橡胶面和金属面，允许客户在设备工作过程中调整中高，以提高展平质量或分切质量.

弯曲量可从 0mm 开始调整，0mm 时可用做导辊。

V Series adjustable spreader roll with rubber coating or metal sector allows the operator to change the roll bow while the machine is working ,depending on the material to be processed ,and improve the cut separation.

The bow can be adjusted from 0 mm, and can be used as a guide roll when the bow is 0 mm.



## 更多型号/ More Types

### 液压可调弧形辊/Bow adjustment through hydraulic pump



- 1.通过液压泵来调节弧高，弧度更加精确，稳定性好。
- 2.同一台机器可以适应不同的材料。
- 3.独特的自锁功能，弧高调节合适后可把液压泵移除，节省空间。
- 4.直径小于等于 175mm。

- 1.Bow adjustment through hydraulic pump ,The bow become more accurate and stable.
- 2.Different material can be used in the same machine.
- 3.The Unique self-locking function ,you take the pump off when the bow is suitable. It can save space.
- 4.roller diameters $\leq$ 175mm.



自锁手轮，弧高调节合适后锁住手轮，然后拿掉液压泵。  
Self-locking hand wheel, lock the hand wheel after the bow get suitable, then move off the hydraulic pump.



## 橡胶套的选择

不同车速的弧形辊需要配备不同结构的橡胶套，胶套的骨架材质不同。

机器车速：

V<400m/min 普通夹线胶套；

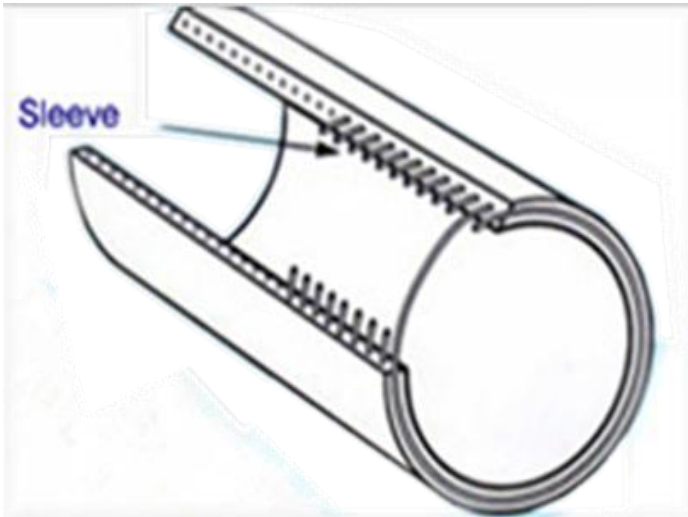
400<V<600m/min 夹布胶套；

600<V<1000m/min 夹钢丝胶套；

橡胶套弧形辊可用于潮湿低温的环境。

当车速大于 1000m/min,温度高于 120° C 时可选 用金属面弧形辊。

通常的橡胶套种类有丁晴橡胶、三元乙丙胶和硅胶，也可根据客户要求定做。



## Rubber Sleeves

Rubber sleeves selection depends on the speed of the machine.

Machine speed:

V<400m/min simple sleeve with wire reinforcement;

400<V<600m/min sleeve with textile reinforcement;

600<V<1000m/min sleeve with metal reinforcement;

Rubber spreader rollers are suitable for wet and low temperature environment.

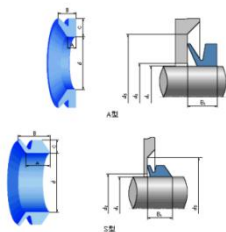
When machine speed>1000m/min、temperature>120° C the rollers with metal segment are better.

We usually supply three types rubber :NBR、EPDM and Silicon . Special designs to customer' requirement.

## 密封系统和润滑

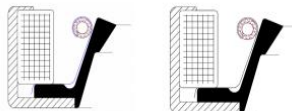
### Sealing System And Lubricants

V 型密封圈/V-rings

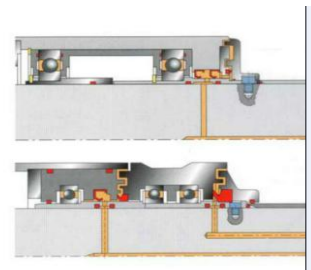


旋转油封/Rotary shaft oil seal

Sealing System  
L2M or L2M-PL



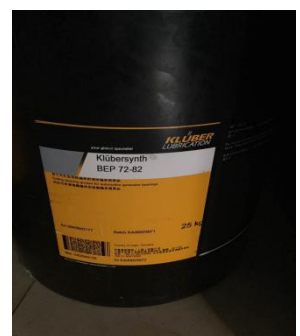
轴端油封/Head oil seal



### 润滑剂/Lubricants

不同位置的弧形辊要选择不同种类的润滑脂

Different lubricants to match different operating conditions

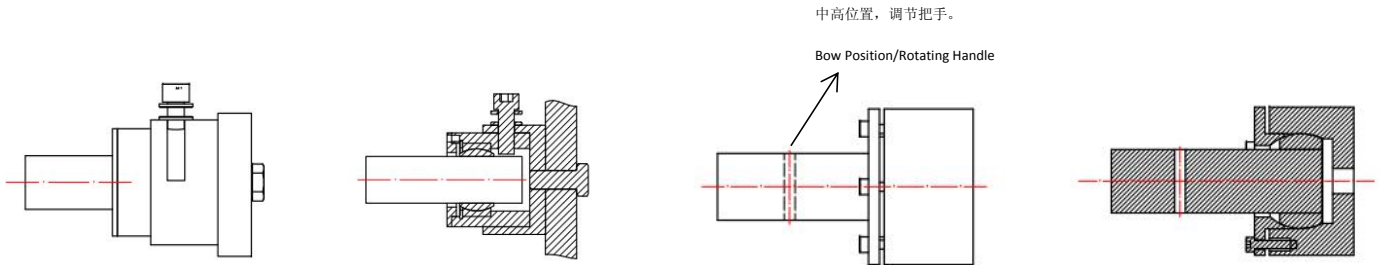


## 旋转支撑座/rotating supports

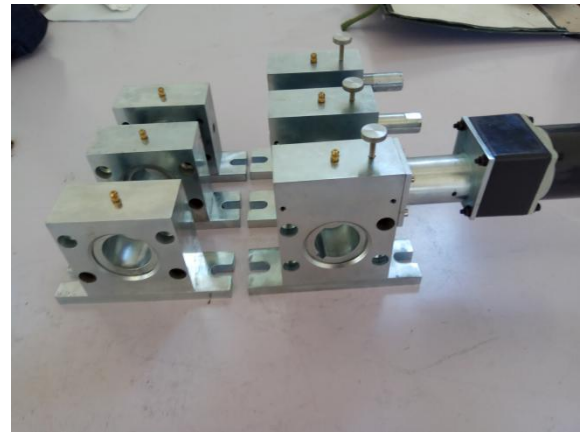
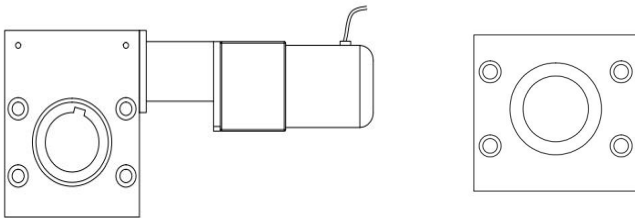
### 简易支撑座/Simple Supports

这种支撑座操作简单，节省安装空间。适用于直径 120mm 以下的弧形辊。

This kind of supports easy to operate and save installation space. They are suitable for the spreader rolls whose diameter under 120mm.



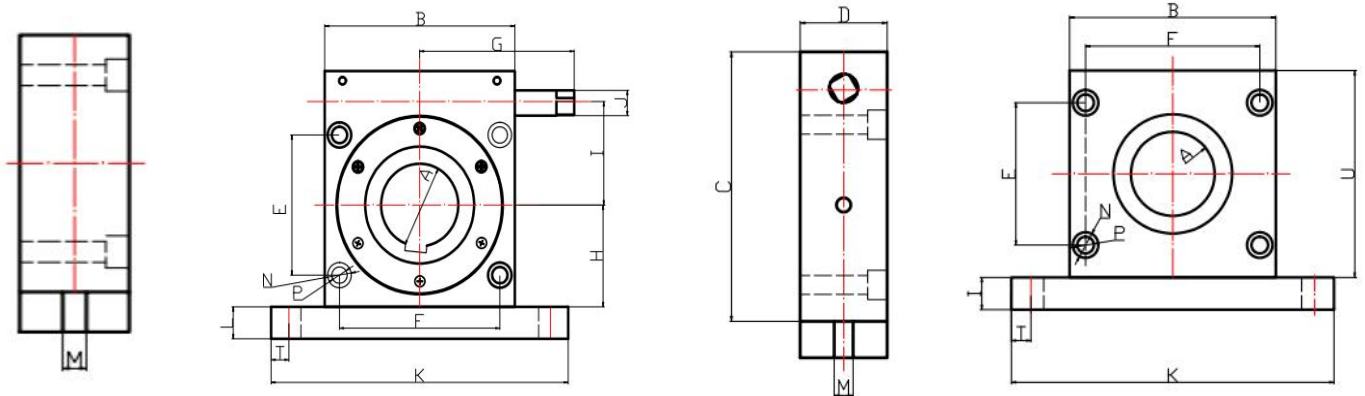
### 电机驱动支撑座/Motor drive supports



这类支撑座主要用于镀铝膜机和分切机，调节方便，用于干燥环境。

This supports is particularly used for Aluminum film machine、cutter machine . Easy to adjust and used in dry environment.

### S 系列支撑座/S-series supports



单位/Unit : mm

型号/Type	A	B	C	D	E	F	G	H	I	J	K	L	M	Φ N	Φ P	T	U
S30	30	80	84	35	30	60	80	30	34	10	140	12	11	13	7	15	60
S40	40/50	100	125	50	45	80	100	40	45	12	165	15	13	15	9	15	80
S60	60	120	140	50	60	95	120	55	57	14	200	20	17	17	11	20	110
S75	75	160	185	60	110	135	140	80	80	14	250	25	19	19	13	20	160
S90	90	195	237.5	70	140	160	150	97.5	104	19	300	25	21	21	15	25	195
S105	1050	220	265	78	150	175	175	110	116	19	350	30	21	23	17	32.5	220





