

# 圆形板式橡胶支座厂家、现货销售

产品名称	圆形板式橡胶支座厂家、现货销售
公司名称	衡水明兴工程橡胶制品有限公司
价格	.00/个
规格参数	
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## 产品详情

板式橡胶支座:板式橡胶支座由多层天然橡胶与薄钢板镶嵌、粘合、硫化而成的一种桥梁支座产品。该种类型的橡胶支座有足够的竖向刚度以承受垂直荷载，且能将上部构造的压力可靠地传递给墩台；有良好的弹性以适应梁端的转动；有较大的剪切变形以满足上部构造的水平位移。

Plate rubber bearing: Plate rubber bearing is a kind of bridge bearing product, which is made of multi-layer natural rubber and thin steel plate inlaid, bonded and vulcanized. This type of rubber bearing has sufficient vertical stiffness to withstand vertical loads, and can reliably transmit the pressure of the upper structure to the pier abutment; has good elasticity to adapt to the rotation of the beam end; has larger shear deformation to meet the horizontal displacement of the upper structure.

板式橡胶支座产品概况:

Overview of Plate Rubber Bearing Products:

橡胶支座是由多层薄钢板与多层橡胶片硫化粘合而成的一种普通橡胶支座产品，这种产品具有足够的竖向刚度，能够将支座上部构造的反力可靠的传递给墩台，支座具有良好的弹性，以应对桥梁的梁端的转动；又有较大的剪切变形能力，以满足上部构造的水平位移。

Rubber bearing is a common rubber bearing product, which is made up of multi-layer thin steel plate and multi-layer rubber sheet vulcanized and bonded. This product has sufficient vertical stiffness, and can reliably transmit the reaction force of the upper structure of the support to the pier. The support has good elasticity to respond to the rotation of the beam end of the bridge; and it has greater shear deformation capacity to meet the horizontal displacement of the upper structure. 。

板式橡胶支座特点:

Characteristics of plate rubber bearing:

具有构造简单、安装方便、节省钢材、价格低廉、养护简便、易于更换等特点。在板式支座表面粘复一层1.5mm-3mm厚的聚四氟乙烯板,就能制作成聚四氟乙烯滑板式橡胶支座它除了竖向刚度与弹性变形,能承受垂直荷载及适应梁端转动外,因聚四氟乙烯板的低摩擦系数,可使梁端在四氟板表面自由滑动,水平位移不受限制,特别适宜中、小荷载,大位移量的桥梁使用。

The utility model has the advantages of simple structure, convenient installation, steel saving, low price, simple maintenance and easy replacement. By bonding a layer 1.5mm-3mm thick PTFE plate on the surface of the plate support, the PTFE slide-plate rubber bearing can be made. Besides the vertical steel and elastic deformation, it can bear vertical load and adapt to the rotation of the beam end. Because of the low friction coefficient of the PTFE plate, the beam end can slide freely on the surface of the PTFE plate, and the horizontal displacement is not limited. It is especially suitable for medium and small loads and large loads. The displacement of the bridge is used.

## 一、矩形（圆形）板式橡胶支座

### Rectangular (circular) plate rubber bearing

（一）性能：有足够的竖向刚度以承受垂直荷载，有良好的弹性，以适应梁端的转动；又有较大的剪切变形以满足上部构造的水平位移。

(1) Performance: sufficient vertical stiffness to withstand vertical loads, good elasticity to adapt to the rotation of the beam end, and large shear deformation to meet the horizontal displacement of the upper structure.

（二）特点：本产品已在桥梁建筑、水电工程、房屋抗震设施上已广泛应用，与原用的钢支座相比，有构造简单，安装方便，节约钢材，价格低廉，养护简便，易于更换等优点，且本品建筑高度低，对桥梁设计与降低造价有益；有良好的隔震作用，可减少活载与地震力对建筑物的冲击作用。

(2) Features: The product has been widely used in bridge construction, Hydropower Engineering and seismic facilities of buildings. Compared with the original steel bearings, it has the advantages of simple structure, convenient installation, steel saving, low price, simple maintenance and easy replacement, and its building height is low, which is beneficial to bridge design and cost reduction; it has good seismic isolation effect and can reduce live loads and earthquakes. Impact of force on buildings.

## 二、四氟乙烯滑板板式橡胶支座

### 2. Teflon Skateboard Rubber Bearing

（一）特点：本产品是于普通板式橡胶支座上粘接一层厚1.5-3mm的聚四氟乙烯板而成。除具有普通板式橡胶支座的竖向刚度与弹性变形，能承受垂直荷载及适应梁端转动外，因四氟乙烯与梁底不锈钢板间的低摩擦系数（ $\mu < 0.03$ ）可使桥梁上部构造的水平位移不受限制。

(1) Characteristics: This product is made by bonding a layer of PTFE plate 1.5-3 mm thick on the ordinary plate rubber bearing. In addition to the vertical stiffness and elastic deformation of ordinary plate rubber bearing, which can withstand vertical loads and adapt to the rotation of the beam end, the horizontal displacement of the upper structure of the bridge can not be limited due to the low friction coefficient between tetrafluoroethylene and stainless steel plate at the bottom of the beam ( $\mu < 0.03$ ).