

## Water Stop Nut/ Water Stopper Barrier/ Centre PCs/ Perri:

### **Product Introduction:**

Formwork water stoppers (also called water barrier nuts) are used in water retaining structures. It is cast into the concrete wall between two separate tie bars/tie rods. After pouring, tie rods are removed, and the water barrier remains in situ. We can produce the water stopper according to your tie rod thread sizes and specifications.

A formwork tie rod water stopper is a crucial component used in concrete construction to prevent water from penetrating through the tie rod holes in formwork systems. It is particularly important in structures exposed to water or moisture, such as basements, water tanks, retaining walls, and other subgrade or water-retaining structures.

### **Properties:**

- **Material:** Casting Iron
- **Density:** Approx. 7.2 g/cm<sup>3</sup> (Typical for Cast Iron)
- **Surface Treatment:** Anti-rust coating / Galvanized (if applicable)
- **Hardness:** As per casting iron properties

### **Application:**

- Used in concrete formwork systems to prevent water leakage through tie rods.
- Suitable for construction projects requiring waterproofing in reinforced concrete structures.
- Applied in water-retaining structures such as reservoirs, tanks, basements, and underground constructions.

### **Installation & Usage Guidelines:**

- Ensure proper alignment and placement within the formwork.
- Follow the recommended tightening torque to prevent damage.
- Apply additional waterproofing coatings if required as per site conditions.
- Verify compatibility with other formwork accessories and waterproofing materials.

### **Storage & Handling:**

- Store in a dry environment.
- Handle with appropriate tools to avoid surface damage.
- Inspect before installation for any defects or irregularities.

### **Import & Delivery:**

These products are imported by **iEL** from **China**, with a typical lead time of **30-35 working days** for quantities ranging from **10,000 to 50,000 pieces**. However, **iEL** strives to maintain sufficient stock levels to ensure prompt delivery. If the products are available in stock, **iEL** aims to dispatch or provide them immediately upon receiving a **work order** or **purchase order**.

# Test Report

Date:20240520

Item	Water stop nut	Size	D15		
Test date	2024.5.20	Sample number	3pieces		
Material	Casting iron	Tensile strength	180KN		
Chemical composition	C	Si	Mn	S	P
sample1	3.68	2.55	0.55	0.0240	0.040
sample2	3.70	2.58	0.58	0.0242	0.045
smample3	3.65	2.61	0.60	0.0245	0.043

河北创克贸易有限公司  
HEBEI TRICO TRADE CO., LTD

贺向群



16mm dia rod 

## **IE Water Stop Barrier**