# Fixed (Pipe Plug) Coupon Holders

## Pipe Plug Assemblies for Flat & Cylindrical Coupons, Bypass Systems & Bottle Cap Holders

As an authorized Metal Samples distributor, Imotron supplies a comprehensive line of **Fixed (Pipe Plug) Coupon Holders** for both flat and cylindrical specimens, engineered for low-pressure pipelines, water treatment loops, and laboratory testing. Custom assemblies can also be manufactured to meet specific dimensional and alloy requirements.



### 1. Pipe Plug Assemblies for Flat Coupons (Ordering Matrix)

| Ordering Segment | Code | Description & Available Configuration Options |
|---|---|---|
| **1. Pipe Plug Size** | **RC11**<br>**RC12**<br>**RC13** | 1/2" NPT<br>3/4" NPT<br>1" NPT |
| **2. Stem Material** | **E**<br>**Q** | Nylon<br>Teflon® |
| **3. Plug Material** | **3**<br>**C** | Carbon steel<br>PVC |
| **4. Used with Coupon Part Number**<br>(hole diameter, hole location) | **010**<br>**020**<br>**030**<br>**090**<br>**100** | **CO100** (3/16", 1/4" from end)<br>**CO103, CO115** (1/4", 1/4" from end)<br>**CO118, CO120** (Two 1/4", 1/4" & 3/4" from end)<br>**CO105, CO106** (3/16"-CO105 & 1/4"-CO106, 1/2" from end)<br>**CO102, CO117** (9/64", 1/8" from end) |
| **5. Stem Length** | **03** | 3" Standard stem |
| **6. Hardware Material / Insulators** | **6**<br>**7** | Same as stem / Specified by coupon part #<br>304 SS / Teflon® |

**Hardware & Ordering Notes:** Nylon stems include a Nylon nut and bolt; Teflon® stems include a stainless steel nut and bolt with Teflon® insulators. **Example Ordering #:** `RC12-Q-C-100-03-7`. *(For alloys, sizes, or other special requirements not listed, contact our sales department.)*

## 2. Pipe Plug Assemblies for Cylindrical Coupons (ES2 Series)

| Part Number (P/N) | Carbon Steel Plug | Insert Material | # of Coupons |
|---|---|---|---|
| PA2080709413 | 2" NPT | Nylon | 8 |
| PA2080783413 | 2" NPT | Teflon® | 8 |
| RC11E3040000 | 1/2" NPT | Nylon | 1 |
| RC12E3040000 | 3/4" NPT | Nylon | 1 |
| RC13E3040000 | 1" NPT | Nylon | 1 |

*All cylindrical coupon holders listed above are designed for use with **ES2 series coupons**.

## 3. Bypass Piping Systems & Bottle Cap Coupon Holders

| System / Assembly | Technical Description & Standard Scope of Supply |
|---|---|
| **Bypass Piping Systems** | Conventional or custom-designed bypass loops for online corrosion monitoring in industrial water treatment (potable or cooling water). Available in **PVC, carbon steel, stainless steel**, and other alloys; connects easily to an existing **1" NPT male fitting**. Standard systems include **4 pipe plug assemblies**, **4 pre-weighed mild steel coupons**, and a **5-gpm flow control valve**. |
| **Bottle Cap Coupon Holder Assemblies** | Designed specifically for laboratory testing with **Schott bottles featuring a DIN GL 45 thread**, securely suspending corrosion coupons in test media. |

**Order Fixed Pipe Plug Coupon Holders & Bypass Systems**
Contact Imotron Instruments for custom stem lengths, material configurations, bypass rack assemblies, and compatible flat or cylindrical coupons.