

# ATX™ DB Series IIB Unions

## Flameproof

ATEX/IECEX:  
 Zone 1 and 2 – 21 and 22  
 II 2 GD Ex d IIB  
 IP66/67

### Applications

- To be used with a fire retardant seal fitted directly at the entry to the flameproof housing. Enables connection via rigid or flexible union.
- Used for joining conduit and connecting conduit to enclosures.
- Facilitates modifications, permits the removal of enclosures without turning or removal of conduit.

### Features

- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.

### Standard Materials

- Nickel plated steel

### ATEX/IECEX Certifications and Compliances

- Certification Type BMF - BFF
  - Gas: Zone 1
    - Type of Protection: Ex d IIB
  - Dust: Zone 21
    - Type of Protection: Ex tD A21
- Conforming to ATEX 94/9/CE: II 2GD
- Operating Temperatures: -20 °C to +60 °C (-4 °F to +140 °C)
- CE Declaration of Conformity: 5C232
- ATEX Certificate: CESI 99 ATEX 034U
- Index of Protection according EN/IEC 60529: IP66/67



500044



500049

HAZARDOUS LOCATION FITTINGS: ATEX/IECEX FLAMEPROOF, INCREASED SAFETY CONDUIT FITTINGS

| Tapered Thread (NPT) | Weight kg (lb) | Volume dm <sup>3</sup> (in <sup>3</sup> ) | Pack | Catalog Number |
|----------------------|----------------|---|------|----------------|
| <b>Male/Female</b>   |                |   |      |                |
| 1/2"                 | 0.17 (0.37)    | 0.12 (7.32)                               | 1    | 500044         |
| 3/4"                 | 0.19 (0.42)    | 0.12 (7.32)                               | 1    | 500045         |
| 1"                   | 0.30 (0.66)    | 0.23 (0.87)                               | 1    | 500046         |
| 1-1/4"               | 0.80 (1.76)    | 0.50 (30.51)                              | 1    | 500047         |
| 1-1/2"               | 1.00 (2.20)    | 0.50 (30.51)                              | 1    | 500048         |
| <b>Female/Female</b> |                |   |      |                |
| 1/2"                 | 0.15 (0.33)    | 0.12 (7.32)                               | 1    | 500049         |
| 3/4"                 | 0.15 (0.33)    | 0.12 (7.32)                               | 1    | 500050         |
| 1"                   | 0.23 (0.51)    | 0.23 (14.04)                              | 1    | 500051         |
| 1-1/4"               | 0.70 (1.54)    | 0.50 (30.51)                              | 1    | 500052         |
| 1-1/2"               | 0.37 (0.82)    | 0.50 (30.51)                              | 1    | 500053         |
| 3"                   | 0.90 (1.98)    | 2.00 (122.03)                             | 1    | 500158         |

