

**Internal union – PEEK**  
Standard bore version  
(ZU1PK)



**Bulkhead fingertight  
internal union – PEEK**  
(ZBU1FPK)



**Bulkhead hex  
internal union – PEEK**  
(ZBU1PK)

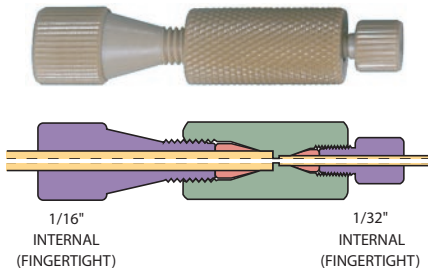
### Internal unions – high pressure PEEK

The 1/32" nuts are fingertight; 1/16" nuts are available in a choice of fingertight or hex; and 1/8" nuts are hex, for wrench tightening.

| Tubing            |         | Standard | Bulkhead  | Bulkhead            |
|-------------------|---------|----------|-----------|---------------------|
| OD                | Bore    | Prod No  | Prod No   | panel hole diameter |
| 1/32" fingertight |         |          |           |                     |
|                   | 0.25 mm | ZU.5FPK  | ZBU.5FPK  | 5/16"               |
|                   | 0.50 mm | ZU.5LFPK | ZBU.5LFPK | 5/16"               |
|                   | 1/32"   | ZU.5TFPK | ZBU.5TFPK | 5/16"               |
| 1/16" fingertight |         |          |           |                     |
|                   | 0.25 mm | ZU1CFPK  | ZBU1CFPK  | 3/8"                |
|                   | 0.50 mm | ZU1MFPK  | ZBU1MFPK  | 3/8"                |
|                   | 0.75 mm | ZU1FPK   | ZBU1FPK   | 3/8"                |
|                   | 1/16"   | ZU1TFPK  | ZBU1TFPK  | 3/8"                |
| 1/16" hex         |         |          |           |                     |
|                   | 0.25 mm | ZU1CPK   | ZBU1CPK   | 3/8"                |
|                   | 0.50 mm | ZU1MPK   | ZBU1MPK   | 3/8"                |
|                   | 0.75 mm | ZU1PK    | ZBU1PK    | 3/8"                |
|                   | 1/16"   | ZU1TPK   | ZBU1TPK   | 3/8"                |
| 1/8" hex          |         |          |           |                     |
|                   | 0.75 mm | ZU2PK    | ZBU2PK    | 7/16"               |
|                   | 2.0 mm  | ZU2LPK   | ZBU2LPK   | 7/16"               |
|                   | 1/8"    | ZU2TPK   | ZBU2TPK   | 7/16"               |

### Internal reducing unions – high pressure PEEK

These unions connect two different sizes of tubing, with zero dead volume internal fittings on each end. In the bulkhead version, the bulkhead nut is on the side with smaller tubing. The 1/32" and 1/16" nuts are fingertight; 1/8" nuts are hex, for wrench tightening. A version with 1/16" and 1/8" hex nuts is also available.



**Internal reducing union – PEEK**  
Standard bore  
(ZRU1.5FPK)



**Bulkhead internal reducing union – PEEK**  
(ZBRU1.5FPK)

| Tubing         |         | Standard   | Bulkhead    | Bulkhead            |
|----------------|---------|------------|-------------|---------------------|
| OD             | Bore    | Prod No    | Prod No     | panel hole diameter |
| 1/16" to 1/32" |         |            |             |                     |
|                | 0.25 mm | ZRU1.5FPK  | ZBRU1.5FPK  | 5/16"               |
|                | 0.50 mm | ZRU1.5LFPK | ZBRU1.5LFPK | 5/16"               |
|                | 1/32"   | ZRU1.5TFPK | ZBRU1.5TFPK | 5/16"               |
| 1/8" to 1/32"  |         |            |             |                     |
|                | 0.25 mm | ZRU2.5FPK  | ZBRU2.5FPK  | 3/8"                |
|                | 0.50 mm | ZRU2.5LFPK | ZBRU2.5LFPK | 3/8"                |
|                | 1/32"   | ZRU2.5TFPK | ZBRU2.5TFPK | 3/8"                |
| 1/8" to 1/16"  |         |            |             |                     |
|                | 0.25 mm | ZRU21CFPK  | ZBRU21CFPK  | 3/8"                |
|                | 0.75 mm | ZRU21FPK   | ZBRU21FPK   | 3/8"                |
|                | 1.00 mm | ZRU21LFPK  | ZBRU21LFPK  | 3/8"                |
|                | 1/16"   | ZRU21TFPK  | ZBRU21TFPK  | 3/8"                |