

# M85049/61 Type Potting Boot Ring

RY85049 Series • M85049 Type Backshells

## RY85049/61 - 12

- 1

2
- 1

2
- BASIC PART NUMBER**  
RY85049/61  
M85049/61 type  
Potting boot ring  
(Supersedes MS27332)

**DASH NO.**  
See Dimensions table below



### RY85049/61 Compatibility

| Compatible Connector Series |
|-----------------------------|
| MIL-DTL-27599               |

### RY85049/61 Dimensions

| Dash No. | Shell Size Reference | V Thread Class 2B | B Max        | D Max        | C            |
|----------|----------------------|-------------------|--------------|--------------|--------------|
| 8        | 8/9                  | 0.4375 - 28 UNEF  | 0.521 (13.2) | 0.476 (12.1) | 0.594 (15.1) |
| 10       | 10/11                | 0.5625 - 24 UNEF  | 0.647 (16.4) | 0.602 (15.3) | 0.734 (18.6) |
| 12       | 12/13                | 0.6875 - 24 UNEF  | 0.771 (19.6) | 0.726 (18.4) | 0.844 (21.4) |
| 14       | 14/15                | 0.8125 - 20 UNEF  | 0.897 (22.8) | 0.852 (21.6) | 0.969 (24.6) |
| 16       | 16/17                | 0.9375 - 20 UNEF  | 1.023 (26.0) | 0.978 (24.8) | 1.094 (27.8) |
| 18       | 18/19                | 1.0625 - 18 UNEF  | 1.147 (29.1) | 1.102 (28.0) | 1.234 (31.3) |
| 20       | 20/21                | 1.1875 - 18 UNEF  | 1.273 (32.3) | 1.228 (31.2) | 1.344 (34.1) |
| 22       | 22/23                | 1.3125 - 18 UNEF  | 1.397 (35.5) | 1.352 (34.3) | 1.469 (37.3) |
| 24       | 24/25                | 1.4375 - 18 UNEF  | 1.524 (38.7) | 1.478 (37.5) | 1.594 (40.5) |

Dimensions are in inches (mm).

