



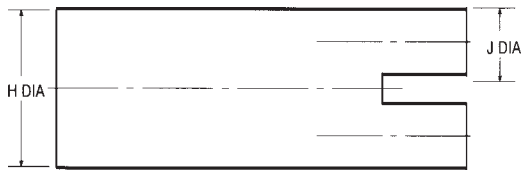
Heat Shrink Heavy Duty Breakout Boot, 3-Way Outlet

3M Part Numbers HDBB-310 to 345

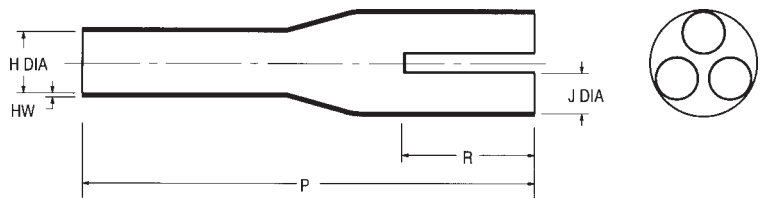
Typical Applications

These breakout boots provide strain relief and environmental/mechanical protection for breakouts in multiconductor armored or sheathed cables. This style is designed for three breakouts.

Expanded part (as supplied)



Fully recovered part (after heating)



| PART NUMBER | NAVSEA or DOD-STD- 2003-1 Part Number | Cable End H DIA | | Conductor Legs J DIA | | P ±10% R | R ±10% R | HW ±20% R |
|----------------|--|--------------------|-----------------|-------------------------|-----------------|-------------------|-----------------|-----------------|
| | | MIN X | MAX R | MIN X | MAX R | | | |
| HDBB-310-1-250 | 1A62-5 | 0.90 (22.86) | 0.36 (9.14) | 0.33 (8.38) | 0.12 (3.05) | 2.70 (68.58) | 0.70 (17.78) | 0.10 (2.54) |
| HDBB-320-1-250 | 1A62-6 | 1.20 (30.48) | 0.50 (12.70) | 0.50 (12.70) | 0.16 (4.06) | 3.30 (83.82) | 1.00 (25.40) | 0.10 (2.54) |
| HDBB-321-1-250 | 1A62-7 | 1.50 (38.10) | 0.69 (17.53) | 0.65 (16.51) | 0.18 (4.57) | 4.00 (101.60) | 2.20 (55.88) | 0.90 (22.86) |
| HDBB-325-1-250 | 1A62-8 | 1.70 (43.18) | 0.90 (22.86) | 0.82 (20.83) | 0.30 (7.62) | 4.50 (114.30) | 1.20 (30.48) | 0.14 (3.56) |
| HDBB-335-1-250 | 1A62-9 | 2.40 (60.96) | 1.40 (35.56) | 1.25 (31.75) | 0.50 (12.70) | 5.10 (129.54) | 1.60 (40.64) | 0.15 (3.81) |
| HDBB-340-1-250 | 1A62-10 | 3.20 (81.28) | 2.00 (50.80) | 1.40 (35.56) | 0.75 (19.05) | 5.10 (129.54) | 1.60 (40.64) | 0.15 (3.81) |
| HDBB-345-1-250 | 1A62-11 | 4.90 (124.46) | 2.32 (58.93) | 2.00 (50.80) | 1.00 (25.40) | 10.00 (254.00) | 2.50 (63.50) | 0.13 (3.30) |

Notes:

- All dimensions in both inches and metric, all angles in degrees
- Dimensions in table: X = Expanded (Minimum) R = Recovered (Maximum)
- Color: Black
- 3M CAGE Code: 20999

| Materials Available | Standard Part Supplied with -250 Adhesive | Factory Applied | Description |
|--|---|-----------------|--------------------|
| -1 Semi-rigid Flame Retardant Polyolefin | Adhesive (Part #) TTS-250 | -250 | Thermoplastic 80°C |
| -3 Flexible Polyolefin, Halogen Free | | | |
| -6 Flexible Flame Retardant Polyolefin | | | |

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