



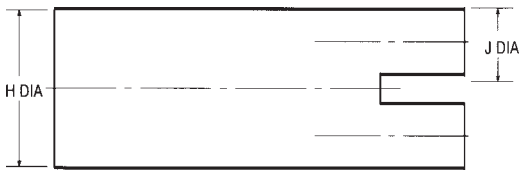
# Heat Shrink Heavy Duty Breakout Boot, 3-Way Outlet

3M Part Numbers HDBB-310 to 345

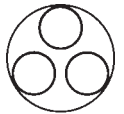
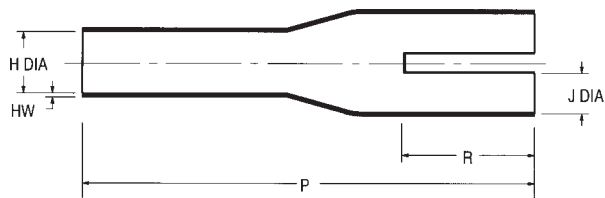
## Typical Applications

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

- 1 Semi-rigid Flame Retardant Polyolefin
- 3 Flexible Polyolefin, Halogen Free
- 6 Flexible Flame Retardant Polyolefin

#### Standard Part Supplied with -250 Adhesive

Adhesive (Part #)  
TTS-250

Factory Applied  
-250

Description  
Thermoplastic 80°C

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