



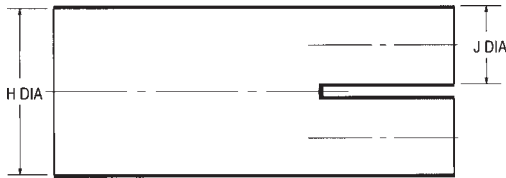
# Heat Shrink Heavy Duty Breakout Boot, 2-Way Outlet

3M Part Numbers HDBB-205 to 230

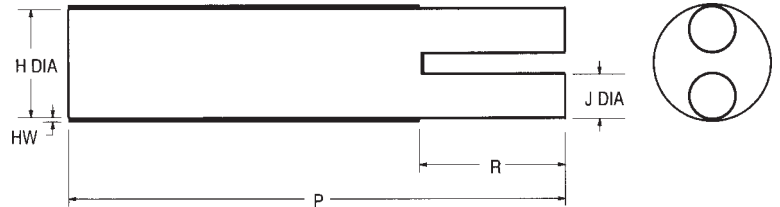
## Typical Applications

These breakout boots provide strain relief and environmental/mechanical protection for breakouts in multiconductor armored or sheathed cables. This style is designed for two 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-205-1-250	1A62-1	0.80 (20.32)	0.37 (9.40)	0.33 (8.38)	0.11 (2.79)	2.70 (68.58)	0.70 (17.78)	0.06 (1.52)
HDBB-210-1-250	1A62-2	1.20 (30.48)	0.60 (15.24)	0.50 (12.70)	0.17 (4.32)	3.50 (88.90)	1.00 (25.40)	0.08 (2.03)
HDBB-220-1-250	1A62-3	1.90 (48.26)	0.90 (22.86)	0.75 (19.05)	0.30 (7.62)	4.20 (106.68)	1.20 (30.48)	0.12 (3.05)
HDBB-230-1-250	1A62-4	3.00 (76.20)	1.50 (38.10)	1.45 (36.83)	0.50 (12.70)	5.00 (127.00)	1.50 (38.10)	0.12 (3.05)

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

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