

DIB anti-track cable breakouts seal and protect cable and conduit breakouts

DCE anti-track rain sheds reduces flash over potential in terminations and insulators

DRAB anti-track right angle boots seal and protect right angle terminations

DSB anti-track in-line boots seal and protect single legged step down transitions



DIB / DCE / DRAB / DSB Heat Shrinkable Breakouts Boots/Shapes

- Designed for Medium Voltage Application upto 36 kV
- Shaped components to meet a variety of configuration requirements
- Continuous operation temperature: -55°C to 120°C
- Shrink temperature: 120°C

40
Years of
Experience

35
Countries
Global
Presence

200
Plus Skilled
Manpower

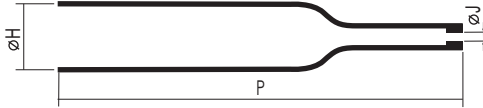
4
World Class
Manufacturing
Facilities

50
Internationally
Approved
Products

DENSONS Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking. Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE.**

Dimension Chart for Straight Boot

Code	Expanded Min.		Recovered Max.		After Recovered
	H ϕ	J ϕ	H ϕ	J ϕ	P $\pm 10\%$
DSB - 1	80.0	34.0	32.0	19.0	225.0
DSB - 2	80.0	58.0	32.0	19.0	225.0



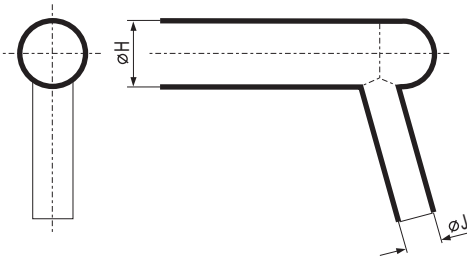
Dimension Chart for 3 Way Breakout (Red)

Code	Expanded		Recovered	
	ϕ H min.	ϕ J min.	ϕ H max.	ϕ J max.
DIB - 0820	60	27	20	8
DIB - 1330	75	32	30	13
DIB - 2145	110	55	45	21
DIB - 2755	135	64	55	27



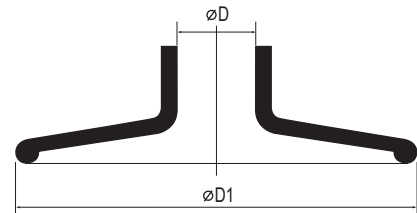
Dimension Chart for Right Angle Boot

Code	Expanded		Recovered	
	ϕ H min.	ϕ J min.	ϕ H max.	ϕ J max.
DRAB - 1	75	36	35	18
DRAB - 2	75	50	35	26
DRAB - 3	95	67	35	26



Dimension Chart for Rain Shed

Code	ϕ D exp. (min.)	ϕ D rec. (max.)	ϕ D1 $\pm 10\%$
DCE - 0	32	10	65
DCE - 1	35	15	89
DCE - 2	52	21	122
DCE - 3	65	28	136
DCE - 4	75	28	136



Technical Data:

Property	Requirements	Test Method
Tensile strength	8 N/mm ² (min.)	ASTM D412, ESI 09-13
Elongation at break	200% (min.)	ASTM D412, ESI 09-13
Heat Ageing (500 hrs. at 120°C)		
Tensile Strength	7 N/mm ² (min.)	ASTM D412
Elongation	200% (min.)	ASTM D412
Cold Temperature Flex (-40°C)	No Cracking	ASTM D2671
Electrical		
Dielectric Strength	10 kV/mm (min.)	ASTM D149, IEC 243
Volume Resistivity	1x10 ¹² Ω cm	ASTM D257
Track Resistance	Non-Tracking	ASTM D2303
Chemical Resistance		
Tensile Strength	7 N/mm ² (min.)	ASTM D412
Elongation	200% (min.)	ASTM D412