

Bracket, Pole Top

For mounting post type insulators in pole top position

- Five duty sizes
- Simplified ratings

Features

- For use on wood, steel, composite or concrete poles
- Open neck for wrench movement
- Open bottom slot facilitates installation or removal of bracket
- Offset mounting surface for insulator clearance

Material

- Ductile Iron per ASTM A-536
- Galvanized per ASM A-153



Catalog Number	Minimum Ultimate Bending Moment at Base	Accepts Insulator Stud Dia.	Accepts Mounting Bolt Dia.	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Top Plate (width x depth)	Approx. Ship Wt. Each
IB2	20,000 in-lbs	5/8" or 3/4"	5/8"	5"	N/A	5"	10 3/4"	1"	3 3/4" Sq.	4.2 lbs.
IB3	30,000 in-lbs			8"	5 1/4"		13"	1 1/2"		6.2 lbs.
IB4*	40,000 in-lbs	5/8" or 3/4"	8"	5 1/4"	13 3/4"		1"	4" x 3 3/4"	7.0 lbs.	
IB5	50,000 in-lbs	5/8" or 3/4"	5/8" or 3/4"	8"	5 1/2"	6"	14"	1 1/4"	4" Sq.	9.8 lbs.
IB6	60,000 in-lbs			8"	5 3/4"		15"	1 1/2"	4 1/2" Sq.	11.9 lbs.

* RUS Listed, eb - Bracket, pole top

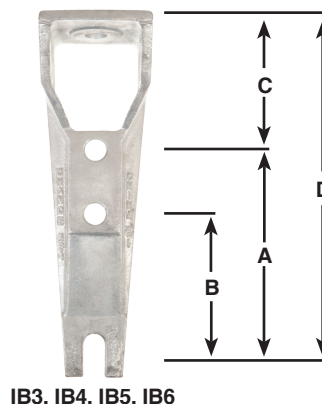
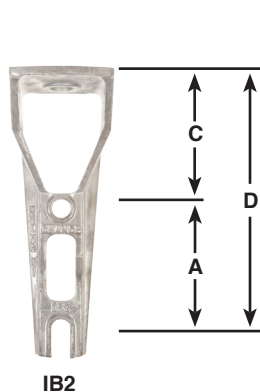
Performance Information

The installed rating of pole top brackets is dependent on insulator height.

To calculate this rating, divide the given Minimum Ultimate Bending Moment at Base by the given insulator height. The table below is a reference for various insulator heights.

Catalog Number	Minimum Ultimate Bending Moment at Base	Maximum Lateral Force at Top of Insulator for Insulator Heights Shown						
		6"	8"	10"	12"	14"	16"	18"
IB2	20,000 in-lbs	3333 lbs.	2,500 lbs.	2,000 lbs.	1,667 lbs.	1,429 lbs.	1,250 lbs.	1,111 lbs.
IB3	30,000 in-lbs	5,000 lbs.	3,750 lbs.	3,000 lbs.	2,500 lbs.	2,143 lbs.	1,875 lbs.	1,667 lbs.
IB4	40,000 in-lbs	6,667 lbs.	5,000 lbs.	4,000 lbs.	3,333 lbs.	2,857 lbs.	2,500 lbs.	2,222 lbs.
IB5	50,000 in-lbs	8,333 lbs.	6,250 lbs.	5,000 lbs.	4,167 lbs.	3,571 lbs.	3,125 lbs.	2,778 lbs.
IB6	60,000 in-lbs	10,000 lbs.	7,500 lbs.	6,000 lbs.	5,000 lbs.	4,286 lbs.	3,750 lbs.	3,333 lbs.

The above ratings are for ultimate load. Users should apply their desired factor of safety to arrive at typical working loads.



NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.



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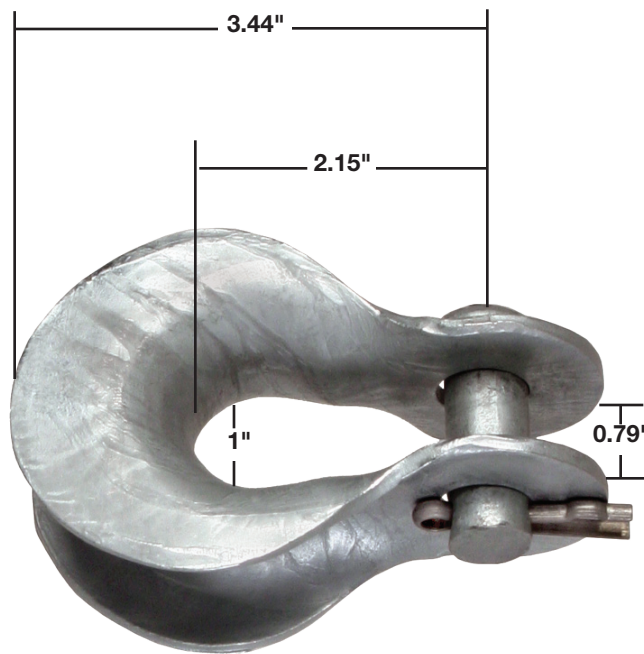
Clevis, Thimble

Pressed Steel Type

Pressed steel type thimble clevises are used in the deadending of electrical conductors. The contour of the clevis body is smooth to distribute load stresses at the attachment point of the wire deadend. The pin end of the clevis is inserted through the eye or tongue of a suspension type insulator. A hump back cotter key is included for quick removal. Clevis pin is 1.5" x 0.625".

Galvanized per ASTM A-153

Catalog Number	Minimum Ultimate Tensile Strength	Steel Thickness	Approx. Ship Wt. per 100 pcs.
PSC2070147	10,000 lbs.	9 gauge (0.149")	1 lb.



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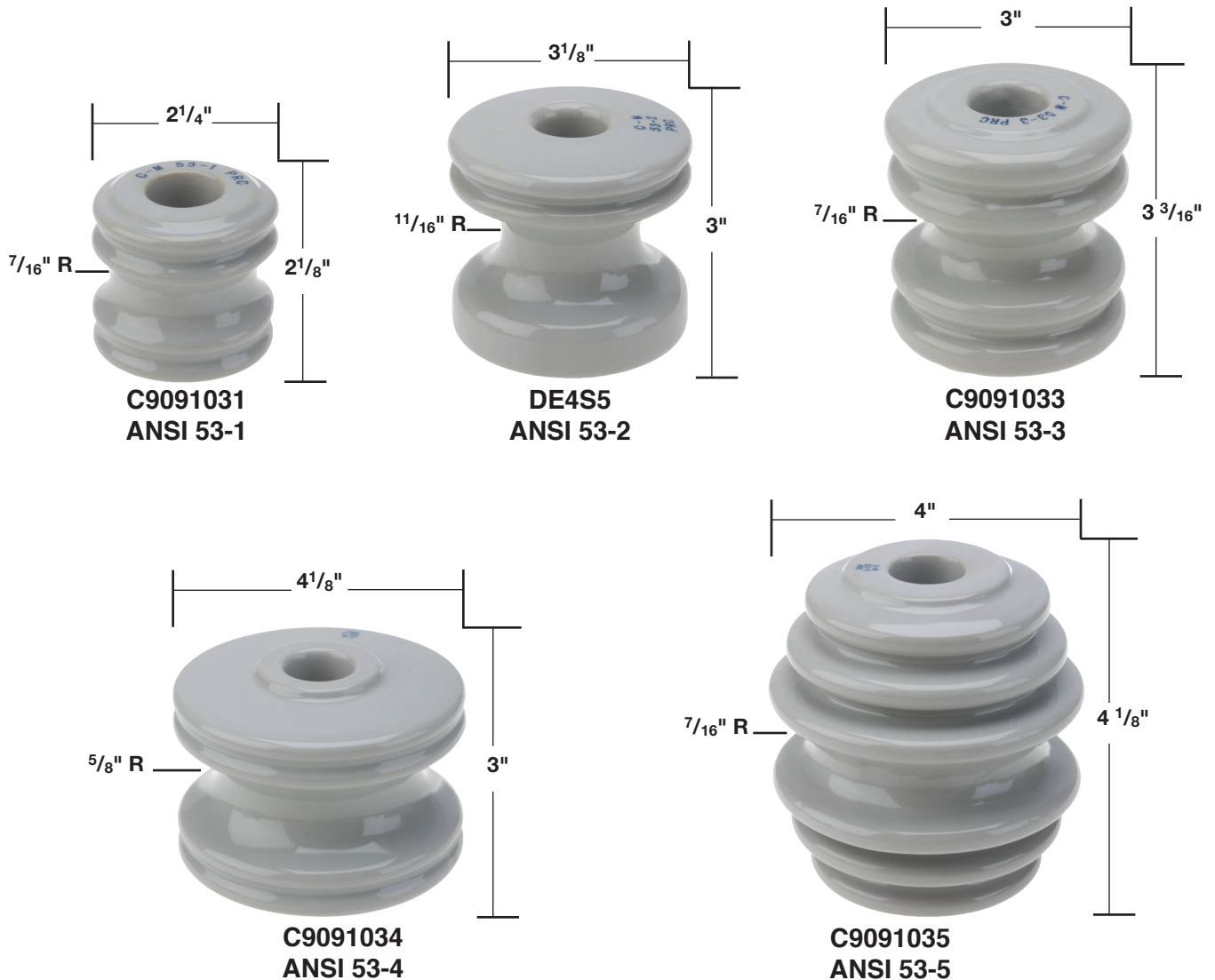
Insulators, Spool

Spool insulators are used with spool bolts (upset bolts) clevises, secondary racks and various brackets for deadending or supporting secondary voltage conductors.

Porcelain, Wet Process, Gray Glaze

Catalog Number	ANSI Class *	Ultimate Tensile Strength	Low-Frequency Flashover (kV)			Approx. Ship Weight, each
			Dry 60 Sec.	Wet, 10 Sec.		
				Vertical	Horizontal	
C9091031	53-1	2000 lbs.	20kV	8kV	10kV	.50 lb.
DE4S5	53-2	3000 lbs.	25kV	12kV	15kV	1.2 lbs.
C9091033	53-3	4000 lbs.	25kV	12kV	15kV	1.25 lbs.
C9091034	53-4	4500 lbs.	25kV	12kV	15kV	2.35 lbs.
C9091035	53-5	6000 lbs.	35kV	18kV	25kV	2.45 lbs.

*ANSI C29.3
 All internal holes are sized for 5/8" bolts

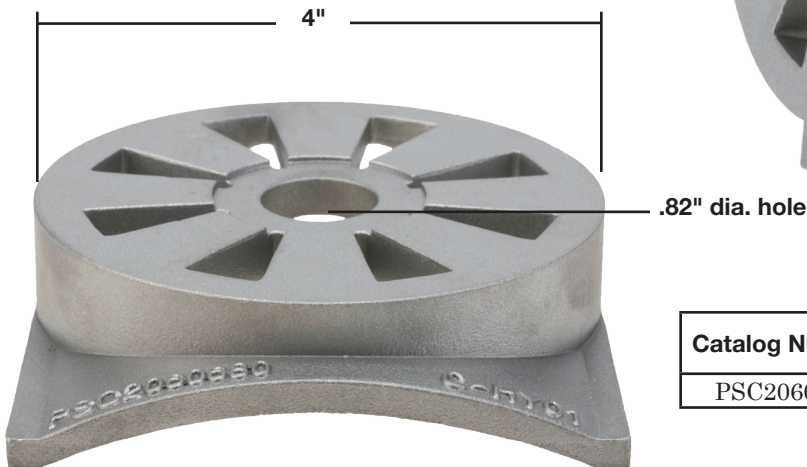


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Bracket, Insulator, Horizontal Spacer

The PSC2060680 insulator spacer bracket is installed on round poles with either a $\frac{5}{8}$ " or $\frac{3}{4}$ " diameter long shank line post stud to provide a mounting surface for horizontal line post insulators. The flat face is angled for 5° upsweep of the insulator when installed.

Line post studs are purchased separately and shown on page 5-53.



Catalog Number	For Mounting Stud Diameter	Approx. Ship Weight, each
PSC2060680	$\frac{5}{8}$ " or $\frac{3}{4}$ "	1 lb.

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