



# Air Terminals



IPC offers a full line of air terminals for any application. We offer solid 3/8" to 5/8" cast points and tube points. The notes below are general notes for our air terminals which follow this page. Notes for specific air terminals are shown on the appropriate pages.

## Copper Air Terminal Notes

- Solid copper air terminals are furnished with male (OD) threads without adaptors.
- Unless otherwise noted, our standard air terminals are furnished plain, with no nickel plating or tipping.
- Full nickel plating available on lengths up to 48". Add suffix "NP" to part number.
- Tin coated air terminals available on any copper air terminal. Add suffix "Ic" to part number.
- Special lengths available upon request.
- Lengths greater than 24" require additional support other than standard bases to comply with UL 96A and NFPA 780 standards.
- Adaptors which are for use with solid copper air terminals, are available in various sizes. See "Air Terminal Adaptor" page in this section.

## Aluminum Air Terminal Notes

- Solid aluminum air terminals are furnished with male (OD) threads without adaptors..
- Air terminals furnished as plain.
- Special lengths available upon request.
- Lengths greater than 24" require additional support other than standard bases to comply with UL 96A and NFPA 780 standards.
- Adaptors which are for use with solid aluminum air terminals, are available in various sizes. See "Air Terminal Adaptor" page in this section.



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# Solid Copper Air Terminals



## Class I Solid Copper 3/8" Diameter Air Terminals

Length	Plain Copper	In-Stock Item	Blunt Tip	In-Stock Item	Weight
12"	330	★	330-BT	★	.52
18"	330A	★	330A-BT	★	.60
24"	330B	★	330B-BT	★	.80
36"	330C		330C-BT	★	1.26
48"	330D		330D-BT		1.68
60"	330E		330E-BT		2.10
72"	330F		330F-BT		2.52

## Class II Solid Copper 1/2" Diameter Air Terminals

Length	Plain Copper	In-Stock Item	Blunt Tip	In-Stock Item	Weight
12"	331	★	331BT		.62
18"	331A	★	331A-BT		1.00
24"	331B	★	331B-BT		1.38
36"	331C		331C-BT		2.14
48"	331D		331D-BT		2.88
60"	331E		331E-BT		3.66
72"	331F		331F-BT		4.44

## Class II Solid Copper 5/8" Diameter Air Terminals

Length	Plain Copper	In-Stock Item	Blunt Tip	In-Stock Item	Weight
12"	332	★	332-BT		.90
18"	332A	★	332A-BT		1.46
24"	332B		332B-BT		2.08
36"	332C		332C-BT		3.24
48"	332D		332D-BT		4.44
60"	332E		332E-BT		5.40
72"	332F		332F-BT		6.48

**Note:**  
Air terminals on this page are furnished plain, no nickel plating, as our standard product.



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# Solid Aluminum Air Terminals



  
LISTED  
45H2



  
LISTED  
45H2

## Class I Solid Aluminum 1/2" Diameter Air Terminals

Length	Plain Copper	In-Stock Item	Blunt Tip	In-Stock Item	Weight
12"	A331	★	A331-BT		.20
18"	A331A	★	A331A-BT		.30
24"	A331B	★	A331B-BT		.42
36"	A331C		A331C-BT		.66
48"	A331D		A331D-BT		.88
60"	A331E		A331E-BT		1.08
72"	A331F		A331F-BT		1.36

## Class II Solid Aluminum 5/8" Diameter Air Terminals

Length	Plain Copper	In-Stock Item	Blunt Tip	In-Stock Item	Weight
12"	A332	★	A332-BT		.28
18"	A332A	★	A332A-BT		.46
24"	A332B		A332B-BT		.60
36"	A332C		A332C-BT		.93
48"	A332D		A332D-BT		1.34
60"	A332E		A332E-BT		1.56
72"	A332F		A332F-BT		1.87



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# Air Terminal Adaptors



**#63B** - Bronze 3/8" ID Top to 5/8" ID Bottom. Wt. .18 lb. ea. ★  
**#63C** - Bronze 1/2" ID Top to 5/8" ID Bottom. Wt. .16 lb. ea. ★  
**#A63C** - Aluminum 1/2" ID Top to 5/8" ID Bottom. Wt. .04 lb. ea. ★



**#63W** - Bronze 5/8" ID Top and Bottom. Wt. .06 lb. ea. ★  
**#A63W** - Aluminum 5/8" ID Top and Bottom. Wt. .06 lb. ea. ★



**#63X** - Bronze 1/2" ID Top and Bottom. Wt. .12 lb. ea. ★  
**#A63X** - Aluminum 1/2" ID Top and Bottom. Wt. .04 lb. ea. ★



**#63Y** - Bronze 3/8" ID and 5/8" OD Top to 3/8" ID Bottom. Wt. .14 lb. ea. ★  
**#63Z** - Bronze 5/8" OD Top to 1/2" ID Bottom. Wt. .14 lb. ea. ★  
**#A63Z** - Aluminum 5/8" OD Top to 1/2" ID Bottom. Wt. .04 lb. ea. ★



**#63A** - Bronze Adjustable Adaptor 5/8" OD and 3/8" ID Top to 5/8" ID Bottom. Wt. .40 lb. ea. ★  
**#A63A** - Aluminum Adjustable Adaptor 5/8" OD Top to 5/8" ID Bottom. Wt. .12 lb. ea. ★  
**#63D** - Bronze Adjustable Adaptor 1/2" ID Top to 5/8" ID Bottom. Wt. .40 lb. ea. ★  
**#A63D** - Aluminum Adjustable Adaptor 1/2" ID Top to 5/8" ID Bottom. Wt. .12 lb. ea. ★  
**#63D1/2"** - Bronze Adjustable Adaptor 1/2" ID Top to 1/2" ID Bottom. Wt. .44 lb. ea. ★  
**#A63D1/2"** - Aluminum Adjustable Adaptor 1/2" ID Top to 1/2" ID Bottom. Wt. .12 lb. ea. ★

Note: For the 1/2" OD bottom, you may need to order IPC 335T threaded stud, found on the following page.

★ Denotes normally stocked item available for shipment within 48 hours. Items not stocked are available within 14 days.



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# Air Terminals and Adaptors



**#81 - Shell Point**, made of from 20 B & S gauge for use with 5/8" tube #100 shown below. Point supplied as fully nickel plated. Wt. .15 lb. ea. ★



**#100 - Plain Copper Tubing**, is 5/8" diameter and furnished in multiples of 6" up to 10' in length. Please specify length at time of order. Wt. .24 lb. per foot. ★

**#A100 - Plain Aluminum Tubing**. Wt. .10 lb. per foot. ★



**#334T - 3/8" Stainless Steel Rod**. Furnished in multiples of 1" or by the foot. Wt. .30 lb. ea. ★

**#335T - 1/2" Stainless Steel Rod**. Furnished in multiples of 1" or by the foot. Wt. .54 lb. ea. ★

**#A335 - 1/2" Threaded Aluminum Rod**. Furnished in multiples of 1" or by the foot. Wt. .18 lb. ea. ★



**#334C - 3/8" Threaded Bronze Coupler**, is 1 1/4" in length. Wt. .08 lb. ea. ★

**#335C - 1/2" Threaded Bronze Coupler**, is 2" in length. Wt. .18 lb. ea. ★

**#A335C - 1/2" Threaded Aluminum Coupler**, is 2" in length. Wt. .18 lb. ea. ★

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# Solid Cast Air Terminals



**#79 - Bronze 10" Slender Solid Air Terminal, 5/8" ID thread. Wt. .46 lb. ea. ★**  
**#79A - Bronze 14" Slender Solid Air Terminal, 5/8" ID thread. Wt. .46 lb. ea. ★**



**#85 - Bronze 16" Government Air Terminal, solid, 5/8" ID thread. Wt. .72 lb. ea. ★**  
**#A85 - Aluminum 16" Government Air Terminal, solid, 5/8" ID thread. Wt. .14 lb. ea. ★**  
**#85A - Bronze 12" Government Air Terminal, solid, 5/8" ID thread. Wt. .58 lb. ea. ★**  
**#A85A - Aluminum 12" Government Air Terminal, solid, 5/8" ID thread. Wt. .22 lb. ea. ★**  
**#85B - Bronze 10" Government Air Terminal, solid, 5/8" ID thread. Wt. .44 lb. ea. ★**  
**#A85B - Aluminum 10" Government Air Terminal, solid, 5/8" ID thread. Wt. .22 lb. ea. ★**



**#95 - Bronze 9" Bayonet Air Terminal, 5/8" ID thread. Furnished plain with no nickel plating. Wt. .34 lb. ea. ★**

Note: All air terminals above will be supplied with full nickel plating unless noted. Plain available upon request.

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## Solid Cast Air Terminals



**#240A** - Bronze 10" Slender Solid Air Terminal, 3/8" ID thread. Wt. .32 lb. ea. ★



**#240W** - Bronze 12" Enlarged Shank Solid Air Terminal, 3/8" ID thread. Wt. .52 lb. ea. ★

**#A240W** - Aluminum 12" Enlarged Shank Solid Air Terminal, 1/2" ID thread. Wt. .16 lb. ea. ★

**#240Z** - Bronze 12" Enlarged Solid Air Terminal, 1/2" ID thread. Wt. .57 lb. ea. ★

Note: All air terminals above will be supplied with full nickel plating. Plain available upon request.

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# Air Terminal Tube Points

- Tube points are 5/8" OD and available in copper and aluminum.
- Tube points are shipped plain as our standard product.
- Full nickel plating is available for tube points up to 48" in length. Add "NP" to part number.
- Special lengths available upon request.
- If point bushing or couplers are required, these items should be ordered separately.



## Tube Points

Length	Copper	Weight	In-Stock Item	Aluminum	Weight	In-Stock Item
12"	101	.22	★	A101	.10	★
14"	102	.28	★	A102	.12	★
16"	103	.30	★	A103	.14	★
18"	104	.34	★	A104	.14	★
24"	104A	.46	★	A104A	.20	★
30"	105	.58	★	A105	.26	★
36"	106	.68		A106	.30	
48"	107	.92		A107	.42	
54"	108	1.03		A108	.48	
60"	109	1.14		A109	.50	



**#35 - Tube and Cable Coupler** made of pressed copper. Wt. .12 lb. ea. ★

**#A35 - Tube and Cable Coupler** made of pressed aluminum. Wt. .04 lb. ea. ★



**#63 - Point Bushing-Shank 5/8"** fits inside 5/8" tube points and thread fits all 5/8" screw shank saddles. Made of copper. Wt. .14 lb. ea. ★

**#A63 - Point Bushing-Shank 5/8"** made of aluminum. Wt. .04 lb. ea. ★

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# Air Terminal Braces

**Three Leg Tripod Braces** are furnished in copper and aluminum and used with our tube point air terminals. For proper length, see the description below. Braces are made of 1/4" rod and are pliable to permit shaping to roof. Other lengths are available upon request.



- #30A** - Copper Tripod 14" length for 24" point. Wt. .88 lb. ea. ★
- #30** - Copper Tripod 18" length for 30" point. Wt. 1.08 lb. ea. ★
- #30B** - Copper Tripod 24" length for 36" point. Wt. 1.36 lb. ea. ★
- #30C** - Copper Tripod 36" length for 48" point. Wt. 1.92 lb. ea. ★
  
- #A110X** - Aluminum Tripod 14" length for 24" point. Wt. .26 lb. ea. ★
- #A110** - Aluminum Tripod 18" length for 30" point. Wt. .43 lb. ea. ★
- #A111** - Aluminum Tripod 24" length for 36" point. Wt. .58 lb. ea. ★
- #A112** - Aluminum Tripod 36" length for 48" point. Wt. .80 lb. ea. ★



- #30AF** - Copper Tripod with Feet 14" length for 24" point.
- #30F** - Copper Tripod with Feet 18" length for 30" point.
- #30BF** - Copper Tripod with Feet 24" length for 36" point.
- #30CF** - Copper Tripod with Feet 36" length for 48" point.
  
- #A110XF** - Aluminum Tripod with Feet 14" length for 24" point.
- #A110F** - Aluminum Tripod with Feet 18" length for 30" point.
- #A111F** - Aluminum Tripod with Feet 24" length for 36" point.
- #A112F** - Aluminum Tripod with Feet 36" length for 48" point.

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# Air Terminal Safety Items



**#312 - Heavy Duty Bronze Spring Point**, 18" in length, nickel plated point with hex base adaptor with 5/8" inside thread. Stainless steel spring point allows point to bend to 90° angle, parallel to roof or coping with less than five lbs. of pressure. Wt. 1.28 lb. ea. ★

**#A312 - Heavy Duty Aluminum Spring Point**. Same as above except in aluminum. Wt. .60 lb. ea. ★



**#170PP - Point Tip Protector**, 1 1/8" diameter made of neoprene to fit over sharp point of all air terminals allowing the point tip to protrude approximately 1/16" and provides safety to avoid puncture wound should someone inadvertently fall on the air terminal mounted on flat roof or other accessible area. Hole in neoprene ball sized to fit all air terminals. Use silicone or construction adhesive to prevent removal of point tip protector. Wt. .03 lb. ea. ★

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## Air Terminal Accessories



**#344X - Bronze Flashing Cone** used in through-roof air terminal installations. Wt. .83 lb. ea.

**#A344X - Aluminum Flashing Cone.** Wt. .24 lb. ea.



**#345X - Bronze Flashing Plate** used in through-roof air terminal installations. Wt. .68 lb. ea.

**#A345X - Aluminum Flashing Plate.** Wt. .20 lb. ea.



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