

# Heavy Base Flanges



Where **Pipe** or **Tube Posts** are set on wood or concrete floors, or walls, **Wagner Steel Flanges** may be used as a **Cover Flange** - with or without **Set Screw** - or **Flanges** may be welded to **Pipe Posts** and anchored with **Screws** or expansion bolts.

**Set Screws** are not for structural use.

	Standard Alloys	Thickness
Steel	1008	.134"
Aluminum	3003	.125"
Stainless Steel	Type 304	.120"
Bronze	C28000	.125"
Brass	C26000	.125"

## Heavy Base Plain Flange with Set Screw\*

Pipe Size	OD	STEEL	ALUMINUM	STAINLESS
.75"		<a href="#">1413T</a>	<a href="#">1453T</a>	<a href="#">1513T</a>
1.00"		<a href="#">1421T</a>	<a href="#">1461T</a>	<a href="#">1521T</a>
1.25"		<a href="#">1429T</a>	<a href="#">1469T</a>	<a href="#">1529T</a>
1"	1.315"	<a href="#">1421</a>	<a href="#">1461</a>	<a href="#">1521</a>
1.50"		<a href="#">1437T</a>	<a href="#">1477T</a>	<a href="#">1537T</a>
1 1/4"	1.66"	<a href="#">1429</a>	<a href="#">1469</a>	<a href="#">1529</a>
1 1/2"	1.90"	<a href="#">1437</a>	<a href="#">1477</a>	<a href="#">1537</a>
2.00"		<a href="#">1445T</a>	<a href="#">1485T</a>	<a href="#">1545T</a>
2"	2.375"	<a href="#">1445</a>	<a href="#">1485</a>	<a href="#">1545</a>



## Heavy Base Flange with Set Screw\* and Two Holes

Pipe Size	OD	STEEL	STAINLESS
1.00"		<a href="#">1422T</a>	<a href="#">1522T</a>
1"	1.315"	<a href="#">1422</a>	<a href="#">1522</a>
1.50"		<a href="#">1438T</a>	
1 1/2"	1.90"	<a href="#">1438</a>	<a href="#">1538</a>
2.00"		<a href="#">1446T</a>	
2"	2.375"	<a href="#">1446</a>	<a href="#">1546</a>



## Heavy Base Flange with Set Screw\* and Three Holes

Pipe Size	OD	STEEL	STAINLESS
1.00"		<a href="#">1422AT</a>	<a href="#">1522AT</a>
1"	1.315"	<a href="#">1422A</a>	<a href="#">1522A</a>
1.50"		<a href="#">1438AT</a>	<a href="#">1538AT</a>
1 1/4"	1.66"	<a href="#">1430A</a>	<a href="#">1530A</a>
1 1/2"	1.90"	<a href="#">1438A</a>	<a href="#">1538A</a>
2.00"		<a href="#">1446AT</a>	<a href="#">1546AT</a>
2"	2.375"	<a href="#">1446A</a>	<a href="#">1546A</a>



Other alloys are available on special request. Supplied with a mill finish. Contact **Wagner** at [rfq@mailwagner.com](mailto:rfq@mailwagner.com) regarding polishing, plating, galvanizing, anodizing or special finishes.

## Heavy Base Flange with Set Screw\* and Four Holes

Pipe Size	OD	STEEL	STAINLESS
1.00"		<a href="#">1423T</a>	<a href="#">1523T</a>
1"	1.315"	<a href="#">1423</a>	<a href="#">1523</a>
1.50"		<a href="#">1439T</a>	<a href="#">1539T</a>
1 1/4"	1.66"	<a href="#">1431</a>	<a href="#">1531</a>
1 1/2"	1.90"	<a href="#">1439</a>	<a href="#">1539</a>
2.00"		<a href="#">1447T</a>	
2"	2.375"	<a href="#">1447</a>	<a href="#">1547</a>



## Universal Anchor Plate

May be used with two, three or four hole **Flanges**. Use Stainless or Zinc Plated Steel **Plates** with Aluminum **Flanges**.

3/16" **Anchor Plate** is provided with six holes for mounting **Screws**. Center mounting hole is 1/16" diameter.

Fasten the **Plate** to the wall or floor with a 5/8" **Anchor Bolt** and then bolt the **Flange** to the **Plate** with two, three or four **Screws** - as appropriate.



Pipe Size	OD	STEEL	ZINC PLATED STEEL	STAINLESS	Plate Diameter	Bolt Size
1.00"		<a href="#">B1416</a>	<a href="#">PLB1416</a>	<a href="#">B1516</a>	3 1/4"	1/4" x 3/8"
1"	1.315"	<a href="#">B1432</a>	<a href="#">PLB1432</a>	<a href="#">B1532</a>	3 1/2"	1/4" x 3/8"
1.50"		<a href="#">B1432</a>	<a href="#">PLB1432</a>	<a href="#">B1532</a>	3 1/2"	1/4" x 3/8"
1 1/4"	1.66"	<a href="#">B1432</a>	<a href="#">PLB1432</a>	<a href="#">B1532</a>	3 1/2"	1/4" x 3/8"
1 1/2"	1.90"	<a href="#">B1440</a>	<a href="#">PLB1440</a>	<a href="#">B1540</a>	4"	1/4" x 3/8"
2.00"		<a href="#">B1440</a>	<a href="#">PLB1440</a>	<a href="#">B1540</a>	4"	1/4" x 3/8"
2"	2.375"	<a href="#">B1448</a>	<a href="#">PLB1448</a>	<a href="#">B1548</a>	4 1/2"	3/8" x 3/8"

For blank **Disks**, refer to page 66.



Are You Working With **Pipe** or **Tube**?

\* 1/4"-20 Set Screw - not for structural use.

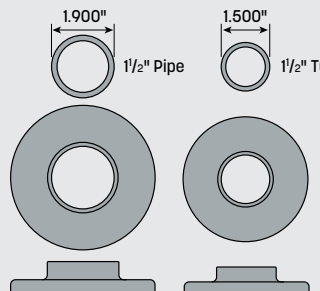
## Actual Dimensions for Nominal Pipe Size

Use the following formula to determine the ID for any given size **Pipe**:

$$ID = OD - (2 \times t)$$

Where:

OD = Outside Diameter  
ID = Inside Diameter; and  
t = Wall Thickness



Nominal Pipe Size	Outside Diameter	Wall Thickness Schedule 5	Wall Thickness Schedule 10	Wall Thickness Schedule 40	Wall Thickness Schedule 80
1/2"	.84"	.065"	.083"	.109"	.147"
3/4"	1.05"	.065"	.083"	.113"	.154"
1"	1.315"	.065"	.109"	.133"	.179"
1 1/4"	1.66"	.065"	.109"	.140"	.191"
1 1/2"	1.90"	.065"	.109"	.145"	.200"
2"	2.375"	.065"	.109"	.154"	.218"
2 1/2"	2.875"	.083"	.120"	.203"	.276"
3"	3.50"	.083"	.120"	.216"	.300"
3 1/2"	4.00"	.083"	.120"	.226"	.318"
4"	4.50"	.083"	.120"	.237"	.337"

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