

PC641 SERIES TWO-PIECE PRESS COMPANION FLANGE CLASS 150

APPLICATIONS

- Potable Water
- HVAC Water-based Systems
 - Condensers, Chilled Water, Hydronic Heating
- Vacuum and Dry Compressed Air Systems
- Residential and Commercial Construction

MATERIALS & CONSTRUCTION

- Powder Coated Steel Companion Flange with Press Tube Adapter
- Flange Powder-coating Creates a Barrier Between the Steel and Copper, which Resists Galvanic Corrosion
- Low Sulfur Peroxide Cured EPDM Component is Bonded to the Powder Coated Flange and Creates a Physical Barrier
- NIBCO Wrot Copper Press Fittings Are Naturally Lead-free and Made From Commercially Pure Copper Mill Products Per ASTM B75 C12200
- EPDM Sleeve Adapter Support for ease of Assembly

The NIBCO® PC641 flange is used to connect two copper tubes together or to connect copper tube to a valve, providing support and strength to the piping.



PRESS SYSTEM



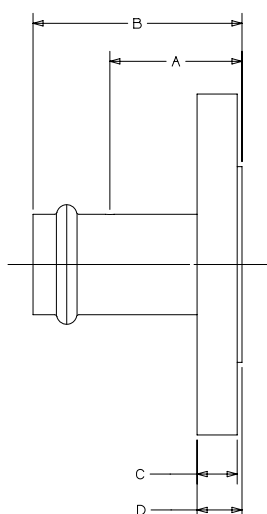
PC641
3/4" - 4"

DESIGN CRITERIA

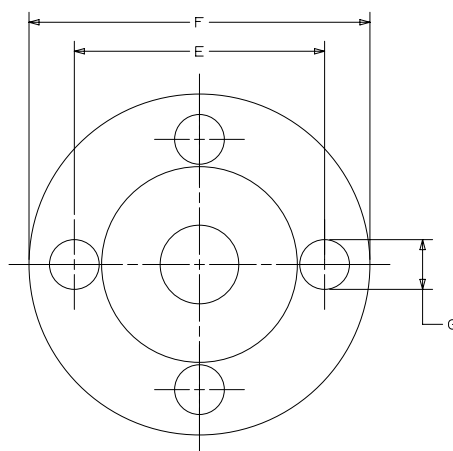
- For Use with Types K, L and M Copper Tube
- 200 PSI Non-shock CWP
- 250°F Maximum Operating Temperature (non-steam)
- Third-party Certified to NSF/ANSI 61, NSF/ANSI 372, and NSF/ANSI B16.51
- Dezincification-resistant
- Available in 3/4" Through 4" Sizes for Press Connections
- Mounting Holes to Match ASME B16.5

SIZE	MATERIAL NO.	DESCRIPTION
3/4"	9145300PC	PC641 3/4 CLASS 150 2-PC COMPANION FLANGE
1"	9145350PC	PC641 1 CLASS 150 2-PC COMPANION FLANGE
1 1/4"	9145400PC	PC641 1-1/4 CLASS 150 2-PC COMPANION FLANGE
1 1/2"	9145450PC	PC641 1-1/2 CLASS 150 2-PC COMPANION FLANGE
2"	9145550PC	PC641 2 CLASS 150 2-PC COMPANION FLANGE
2 1/2"	9145505PC	PC641 2 1/2 CLASS 150 2-PC COMPANION FLANGE
3"	9145655PC	PC641 3 CLASS 150 2-PC COMPANION FLANGE
4"	9145755PC	PC641 4 CLASS 150 2-PC COMPANION FLANGE

PC641 Series – Class 150 Two-Piece Companion Flange



Section - Front View



Top View

SIZE		DIMENSIONS (INCHES)							WEIGHTS	
In.	mm	A	B	C	D	E	F	G	Lbs.	Kg.
¾"	20	1 21/32	2 17/32	7/16	9/16	2 3/4	3 7/8	5/8	1.52	0.689
1"	25	1 23/32	2 19/32	1/2	5/8	3 1/8	4 1/4	5/8	2.01	0.913
1 ¼"	32	1 21/32	2 21/32	9/16	11/16	3 1/2	4 5/8	5/8	2.62	1.190
1 ½"	40	1 1/2	2 7/8	5/8	25/32	3 7/8	5	5/8	3.34	1.516
2"	50	1 15/32	2 11/32	5/8	25/32	4 3/4	6	3/4	4.88	2.215
2 ½"	65	1 19/32	2 25/32	5/8	3/4	5 1/2	7	3/4	6.42	2.911
3"	80	1 15/32	2 15/16	5/8	25/32	6	7.5	3/4	7.41	3.361
4"	100	2 1/32	3 3/8	23/32	7/8	7 1/2	9	3/4	10.92	4.954

LEGEND:

A = bottom of raised face to tube stop
B = overall height/length of flange
C = flange thickness

D = bottom of raised face to top of flange
E = bolt circle diameter
F = flange diameter
G = bolt hole diameter

NIBCO®
AHEAD OF THE FLOW®

NIBCO INC.
WORLD HEADQUARTERS
 WEB: www.nibco.com

1516 MIDDLEBURY STREET
 ELKHART, IN 46516-4740
 USA

DOMESTIC CUSTOMER SERVICE
 PHONE: 800.234.0227
 FAX: 800.234.0557

TECHNICAL SERVICE
 PHONE: 888.446.4226
 FAX: 888.336.4226

INTERNATIONAL OFFICE
 PHONE: +1/574.295.3327
 FAX: +1/574.295.3455