



**For Commercial, Institutional
or Industrial Applications**

Job Name Location	_____	Contractor	_____
Engineer	_____	Approval	_____
Approval	_____	Cont. PO No.	_____
		Representative	_____

**CTS Copper Companion Flange
FLANGE SPECIFICATION 150 lb**

Drilling to match ANSI B 16.25 Specifications

<u>SIZE</u>	<u>CODE</u>	<u>WORKING PRESSURE</u> (at atmospheric)	<u>MATERIAL</u>	<u>THICKNESS</u>
1-1/2"	BF015	450 PSI	Plate Steel	.61
2"	BF002	450 PSI	Plate Steel	.64
2-1/2"	BF025	450 PSI	Plate Steel	.64
3"	BF003	450 PSI	Plate Steel	.64
4"	BF004	450 PSI	Plate Steel	.61
5"	BF005	450 PSI	Plate Steel	.76
6"	BF006	450 PSI	Plate Steel	.88

SERVICE TEMPERATURE: -66F to +272F

<ALIGN="LEFT" DIMENSIONS OF SOLDER JOINT

Manufactured to ASME B 16.22-95

<u>SIZE</u>	<u>LENGTH</u> (K) <u>Min</u>	<u>Female End</u> (F)		<u>Depth</u> (G) <u>Min</u>	<u>Thickness</u> (T) <u>Min</u>	<u>ID</u> (O) <u>Min</u>	<u>OD Cu</u> <u>Flange (L)</u> <u>Min</u>
		<u>Min</u>	<u>Max</u>				
1-1/2"	1.81	1.62	1.63	1.09	.051	1.47	3.10
2"	1.85	2.12	2.33	1.34	.059	1.94	3.70
2-1/2"	2.02	2.62	2.63	1.47	.067	2.42	4.20
3"	2.35	3.12	3.13	1.66	.075	2.89	5.00
4"	2.81	4.12	4.13	2.16	.096	3.84	6.20
5"	3.87	5.12	5.13	2.66	.111	4.70	7.30
6"	4.31	6.12	6.13	3.09	.124	5.72	8.40

Specification:

CTS COPPER COMPANION FLANGE ADAPTER 150

Sizes 1-1/2" thru 6"

Flanges shall be drilled to ANSI B 16.25 150 Standard powder coated with a EPDM insulator adhered to the plate steel flange protruding inside of the steel flange to prevent contact with the Copper Companion Flange Adapter. The Copper component of the flange adapter shall be manufactured to ASME B16.25 - 1995 and Third Party Classified by Underwriters Laboratories Inc.

