



**For Commercial, Institutional
or Industrial Applications**

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

**CTS Copper Companion Flange
FLANGE SPECIFICATION 125 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"	GB015	375 PSI	Plate Steel	.49
2"	GB002	375 PSI	Plate Steel	.49
2-1/2"	GB025	375 PSI	Plate Steel	.51
3"	GB003	375 PSI	Plate Steel	.51
4"	GB004	375 PSI	Plate Steel	.51
5"	GB005	375 PSI	Plate Steel	.76
6"	GB006	375 PSI	Plate Steel	.88

SERVICE TEMPERATURE: -56F to +272F

<ALIGN="LEFT" DIMENSIONS OF SOLDER JOINT

Manufactured to ASME B 16.22-95

<u>SIZE</u>	<u>LENGTH (K)</u>	<u>Female End (F)</u>		<u>Depth (G)</u>	<u>Thickness (T)</u>	<u>ID (O)</u>	<u>OD Cu Flange (L)</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 125

Sizes 1-1/2" thru 6"

Flanges shall be drilled to ANSI B 16.25 125 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.

