



FABRICATION USA

For Commercial, Institutional or Industrial Applications

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

**CTS Copper Companion Flange
 REDUCTION FLANGE SPECIFICATION**

Drilling to match ANSI B 16.5 Specifications

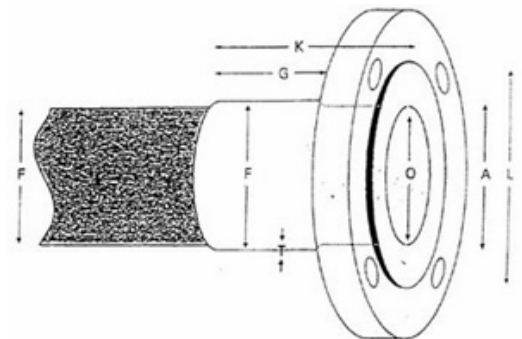
<u>SIZE</u>	<u>CODE</u>	<u>WORKING PRESSURE</u> (at atmospheric)	<u>MATERIAL</u>	<u>THICKNESS</u>
2-1/2" x 2"	BRF025	450 PSI	Plate Steel	.64
3" x 2 1/2"	BRF003	450 PSI	Plate Steel	.64
4" x 3"	BRF004	450 PSI	Plate Steel	.61

SERVICE TEMPERATURE: -66F to +272F
 DIMENSIONS OF SOLDER JOINT
 Manufactured to ASME B 16.22-95

<u>SIZE</u>	<u>LENGTH</u> (K)	<u>Female End</u> (F)		<u>Depth</u> (G)	<u>Thickness</u> (T)	<u>ID</u> (O)	<u>OD Cu</u> <u>Flange (L)</u>
	<u>Min</u>	<u>Min</u>	<u>Max</u>	<u>Min</u>	<u>Min</u>	<u>Min</u>	<u>Min</u>
2-1/2" x 2"	3.50	2.12	2.33	2.56	.067	2.42	4.20
3" x 2 1/2"	3.75	2.62	2.63	2.81	.075	2.89	5.00
4" x 3"	4.75	3.12	3.13	3.78	.096	3.84	6.20

Specification:
 CTS COPPER COMPANION FLANGE ADAPTER 150
 Sizes 2-1/2" thru 4"

Flanges shall be drilled to ANSI B 16.5 150 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 B16.22 - 1995



Tel. 916-852-6303
 Fax. 916-852-6309
 Rancho Cordova, CA 95670 USA