



FABRICATION USA

For Commercial, Institutional or Industrial Applications

Job Name Location _____
Engineer _____
Approval _____

Contractor _____
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	.63
3" x 2 1/2"	BRF003	450 PSI	Plate Steel	.63
4" x 3"	BRF004	450 PSI	Plate Steel	.709

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

