



FABRICATION USA

For Commercial, Institutional or Industrial Applications

Job Name Location _____
Engineer _____
Approval _____

Contractor _____
Approval _____
Cont. PO No. _____
Representative _____

**CTS BLACK STEEL Flange
FLANGE SPECIFICATION 150 lb**

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"	BSRG002	450 PSI	Plate Steel	.625
2-1/2"	BSRG025	450 PSI	Plate Steel	.625
3"	BSRG003	450 PSI	Plate Steel	.625
4"	BSRG004	450 PSI	Plate Steel	.700
5"	BSRG005	450 PSI	Plate Steel	.750
6"	BSRG006	450 PSI	Plate Steel	.860
8"	BSRG008	450 PSI	Plate Steel	.860

<u>SIZE</u>	<u>Outside Diameter</u>	<u>Gasket Seat (A)</u>	<u>Groove Width (B)</u>	<u>Groove Diameter (C)</u>	<u>Wall Thickness (T)</u>	<u>Length (L)</u>
2"	2.375	0.625	0.344	2.235 - 2.250	0.15	4.57
2-1/2"	2.875	0.625	0.344	2.702 - 2.720	0.20	4.57
3"	3.500	0.625	0.344	3.325 - 3.344	0.21	4.57
4"	4.500	0.625	0.344	4.314 - 4.334	0.23	6.70
5"	5.583	0.625	0.344	5.373 - 5.395	0.26	6.70
6"	6.625	0.625	0.344	6.433 - 6.455	0.28	6.70
8"	8.625	0.750	0.469	8.416 - 8.441	0.32	6.70

