

ASME B16.10 RTJ Valve Face to Face dimension Ball/GGC/Plug

Size		Class 150				Class 300				Class 600		Class 900		Class 1500		Class 2500	
		Short Pattern		Long Pattern		Short Pattern		Long Pattern									
NPS	DN	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2"	15	108	4.25	108	4.25	151	5.94	151	5.94	163	6.44	216	8.50	216	8.50	264	10.38
3/4"	20	117	4.62	117	4.62	165	6.50	165	6.50	190	7.5	229	9.00	229	9.00	273	10.75
1"	25	140	5.50	140	5.50	178	7.00	178	7.00	216	8.5	254	10.00	254	10.00	308	12.24
1 1/4"	32	153	6.00	153	6.00	191	7.50	191	7.50	229	9.00	279	11.00	279	11.00	352	13.87
1 1/2"	40	178	7.00	178	7.00	203	8.00	203	8.00	241	9.50	305	12.00	305	12.00	387	15.24
2"	50	191	7.50	191	7.50	232	9.12	232	9.12	295	11.62	371	14.62	371	14.62	454	17.87
2 1/2"	65	203	8.00	203	8.00	257	10.12	257	10.12	333	13.12	422	16.62	422	16.62	514	20.25
3"	80	216	8.50	216	8.50	297.8	11.74	298	11.74	359	14.12	384	15.12	473	18.62	584	23.00
4"	100	242	9.50	242	9.50	321	12.62	321	12.62	435	17.12	460	18.12	549	21.62	683	26.88
6"	150	280	11.00	407	16.00	419	16.50	419	16.50	562	22.12	613	24.12	711	28.00	927	36.50
8"	200	305	12.00	470	18.50	435	17.12	518	20.37	663	26.12	740	29.12	842	33.13	1038	40.87
10"	250	343	13.50	546	21.50	473	18.62	584	23.00	790	31.12	841	33.12	1001	39.38	1292	50.88
12"	300	369	14.50	623	24.50	518	20.37	664	26.12	841	33.12	968	38.12	1146	45.12	1444	56.88
14"	350	394	15.50	699	27.50	598	23.12	778	30.62	892	35.12	1039	40.88	1276	50.25	-	-
16"	400	419	16.50	775	30.50	626	24.62	854	33.62	994	39.12	1140	44.88	1406	55.38	-	-
18"	450	-	-	877	34.50	676	26.62	930	36.62	1095	43.12	1232	48.50	1559	61.38	-	-
20"	500	-	-	927	36.50	730	28.75	1010	39.75	1200	47.25	1244	52.50	1686	66.38	-	-
24"	600	-	-	1080	42.50	835	32.88	1165	45.88	1407	55.38	1568	61.75	-	-	-	-

RTJ - Ring Type Joint

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