

# VALVE TORQUE TABLES

## ANSI Class 600

All Torques are in Inch Lbs.

VALVE SIZE		SOFT SEATED VALVE						FIRE-SAFETY DESIGNED VALVE						METAL SEATED VALVE					
INCH	MM	$\Delta P = 142$	$\Delta P = 496$	$\Delta P = 780$	$\Delta P = 992$	$\Delta P = 1134$	$\Delta P = 1417$	$\Delta P = 142$	$\Delta P = 496$	$\Delta P = 780$	$\Delta P = 992$	$\Delta P = 1134$	$\Delta P = 1417$	$\Delta P = 142$	$\Delta P = 496$	$\Delta P = 780$	$\Delta P = 992$	$\Delta P = 1134$	$\Delta P = 1417$
3"	80	511	752	1092	1247	1361	1488	794	1276	1531	1658	1828	1956	992	1588	1913	2069	2268	2452
4"	100	695	1247	1800	2027	2268	2650	1488	2721	3486	4166	4592	4932	1843	3401	4365	5215	5739	6164
5"	125	922	1488	2339	2735	3118	3515	1956	3486	4762	5867	6462	7482	2452	4365	5952	7341	8077	9353
6"	150	1134	1956	3118	3854	4294	4677	2381	4337	6207	7652	9353	11053	2976	5413	7766	9564	11691	13816
8"	200	1559	3118	4988	6164	7015	8573	3401	6972	11053	13604	15304	16154	4251	8715	13816	17004	19130	20193
10"	250	2622	5003	8573	10529	12470	13249	5867	11903	17004	20405	22956	24656	7341	14879	21255	25506	28695	30820
12"	300	4606	9211	14029	16367	18308	20264	11478	18705	27207	33583	37409	41660	14355	23381	34008	41986	46761	52075
14"	350	7312	14454	22106	26711	29474	32237	14737	27632	39606	49737	55263	59869	17004	31883	45699	57389	63765	69079
16"	400	9353	17855	28553	35000	38685	41448	19810	36842	50658	64474	71842	74606	22857	42510	58452	74393	82895	86083
18"	450	13179	22956	31175	44211	47895	51579	23948	44211	64474	81053	90263	101316	27632	51012	74393	93522	104150	116903
20"	500	16579	30608	46053	55263	64474	69079	34717	62490	89271	119028	13866	148785	27986	75881	108401	144534	168623	180668
22"	550	20405	38260	59869	73685	81053	82895	44636	83320	119028	158704	168623	188461	54201	101174	144534	192712	204767	228846
24"	600	25506	46762	73685	88421	110526	119737	54555	109109	158704	188461	208299	228137	66245	132490	192712	228874	252935	277067

REMARK: Safety Factor x 1.5 Included