

American National Standard Flange SPECIFICATIONS				Torque Chart For ASTM A193 Grade B7 Studs In Ft./Lbs At 70% Of Yield					
400 lb				Moly Lube u=0.085	Nickel Lube u=0.110	Copper Lube u=0.100	Machine Oil u=0.160	Dry Torque u=0.400	Tool Model
PIPE SIZE	BOLT DIA.	# OF BOLTS	HEAVY HEX A/F						
1/2"	1/2"	4	7/8"						
3/4"	5/8"	4	1-1/16"						
1"	5/8"	4	1-1/16"						
1-1/4"	5/8"	4	1-1/16"						
1-1/2"	3/4"	4	1-1/4"	154	230	215	307	676	Stealth-2
2"	5/8"	8	1-1/16"						
2-1/2"	3/4"	8	1-1/4"	154	230	215	307	676	Stealth-2
3"	3/4"	8	1-1/4"	154	230	215	307	676	Stealth-2
3-1/2"	7/8"	8	1-7/16"	247	371	346	495	1088	Stealth-2
4"	7/8"	8	1-7/16"	247	371	346	495	1088	Stealth-2
5"	7/8"	8	1-7/16"	247	371	346	495	1088	Stealth-2
6"	7/8"	12	1-7/16"	247	371	346	495	1088	Stealth-2
8"	1"	12	1-5/8"	371	556	519	742	1632	Stealth-2
10"	1-1/8"	16	1-13/16"	544	817	762	1089	2395	Stealth-2
12"	1-1/4"	16	2"	765	1148	1530	1530	3366	Stealth-2
14"	1-1/4"	20	2"	765	1148	1530	1530	3366	Stealth-2
16"	1-3/8"	20	2-3/16"	901	1526	1400	2025	5149	Stealth-4
18"	1-3/8"	24	2-3/16"	901	1526	1400	2025	5149	Stealth-4
20"	1-1/2"	24	2-3/8"	1370	2055	1918	2740	6028	Stealth-4
24"	1-3/4"	24	2-3/4"	2231	3346	3123	4461	9815	Stealth-4
26"	1-3/4"	28	2-3/4"	2231	3346	3123	4461	9815	Stealth-4
28"	1-7/8"	28	2-15/16"	2771	4157	3879	5542	12193	Stealth-8
30"	2"	28	3-1/8"	3392	5088	4749	6785	14926	Stealth-8
32"	2"	28	3-1/8"	3392	5088	4749	6785	14926	Stealth-8
34"	2"	28	3-1/8"	3392	5088	4749	6785	14926	Stealth-8
36"	2"	32	3-1/8"	3392	5088	4749	6785	14926	Stealth-8
38"	1-3/4"	32	2-3/4"	1873	3221	2952	4300	11043	Stealth-8
40"	1-7/8"	32	2-15/16"	2771	4157	3879	5542	12193	Stealth-8
42"	1-7/8"	32	2-15/16"	2771	4157	3879	5542	12193	Stealth-8

44"	2"	32	3-1/8"	3392	5088	4749	6785	14926	Stealth-8
46"	2"	36	3-1/8"	3392	5088	4749	6785	14926	Stealth-8
48"	2-1/4"	28	3-1/2"	4900	6150	5740	8200	18040	Stealth-14
50"	2-1/4"	32	3-1/2"	4900	6150	5740	8200	18040	Stealth-14
52"	2-1/4"	32	3-1/2"	4900	6150	5740	8200	18040	Stealth-14
54"	2-1/2"	28	3-7/8"	6151	9227	8612	12302	27065	Stealth-22
56"	2-1/2"	32	3-7/8"	6151	9227	8612	12302	27065	Stealth-22
58"	2-1/2"	32	3-7/8"	6151	9227	8612	12302	27065	Stealth-22