

# FASTORQ® RS18 Torque Chart



## Using FASTORQ® RS18 on ASTM A193 B16 or A193 B7 Studs & Heavy Hex Nuts

Bolt Diameter (inches)	Torque applied in Ft. Lbs. with FASTORQ RS18 to reach 40%, 50% & 60% of yield					
	A193 B16			A193 B7		
	PERCENT OF YIELD			PERCENT OF YIELD		
	40%	50%	60%	40%	50%	60%
3/4"	158	197	237	158	197	237
7/8"	254	318	382	254	318	382
1"	381	477	572	381	477	572
1-1/8"	560	700	840	560	700	840
1-1/4"	787	984	1180	787	984	1180
1-3/8"	1068	1335	1602	1068	1335	1602
1-1/2"	1409	1761	2114	1409	1761	2114
1816	1816	2270	2724	1816	2270	2724
1-3/4"	2294	2868	3442	2294	2868	3442
1-7/8"	2850	3563	4275	2850	3563	4275
2"	3489	4362	5234	3489	4362	5234
2-1/4"	5040	6300	7560	5040	6300	7560
2-1/2"	6993	8741	10489	6327	7909	9490
2-3/4"	8500	10625	12749	8500	10625	12749
3"	11120	13900	16680	11120	13900	16680
3-1/4"	14231	17788	21346	14231	17788	21346
3-1/2"	17873	22341	26809	17873	22341	26809
3-3/4"	22088	27610	33132	22088	27610	33132
4"	26920	33649	40379	26920	33649	40379
4-1/4"	28997	36246	43496	25586	31982	38378
4-1/2"	34534	43167	51801	30471	38089	45707
4-3/4"	40734	50918	61101	35942	44928	53913
5"	47636	59545	71453	42031	52539	63047
5-1/4"	55275	69094	82913	48772	60965	73159
5-1/2"	63691	79614	95537	56198	70248	84297
5-3/4"	72920	91150	109381	64342	80427	96512
6"	83001	103751	124501	73236	91545	109854

**TORQUE VALUES PRESENTED ARE BASED ON:**

- 1) New condition of flanges, studs and nuts
- 2) Thorough application of FASTORQ® RS18 on all mating surfaces.
- 3) Temperature at 75° Fahrenheit