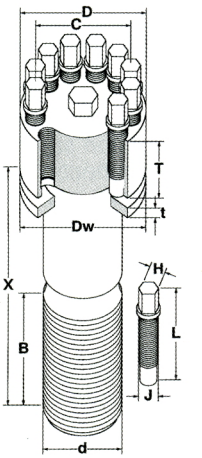
*For low temperature service, additional material testing and certification may be required.

Part No	Jack bolt Lube	Nominal Thread d In	Head Dimensions O.D. D In	Thick T In	B.C. C In	Nom. Thrd Lgth X In	Lgth B In	Jackbolts OAL L In	No Jb n	Size J In	Hex H In	Washer O.D. Dw In	Thck t In	Standard Pre-Load Lb	Torq Lbft	Wt. Lb
SB12-075-...x.../w	JL-G	3/4	1.35	.70	1.00	3	1.50	1.25	6	1/4	3/16	1.35	.13	27180	12	.7
SB12-087-...x.../w	JL-G	7/8	1.48	.70	1.13	3	1.75	1.25	8	1/4	3/16	1.48	.13	37710	13	.9
SB12-100-...x.../w	JL-G	1	1.73	.90	1.31	4	2.00	1.52	6	5/16	1/4	1.73	.16	49590	28	1.6
SB12-112-...x.../w	JL-G	1-1/8	1.85	.90	1.44	4	2.25	1.52	8	5/16	1/4	1.83	.16	65520	27	1.9
SB12-125-...x.../w	JL-G	1-1/4	1.98	.90	1.56	5	2.50	1.52	12	5/16	1/4	1.98	.16	83610	23	2.7
SB12-137-...x.../w	JL-G	1-3/8	2.23	1.10	1.75	6	2.75	1.83	10	3/8	5/16	2.23	.20	103950	41	3.9
SB12-150-...x.../w	JL-G	1-1/2	2.35	1.10	1.88	6	3.00	1.83	12	3/8	5/16	2.35	.20	126000	42	4.6
SB12-162-...x.../w	JL-G	1-5/8	2.47	1.10	2.00	6	3.25	1.83	12	3/8	5/16	2.47	.20	151200	50	5.3
SB12-175-...x.../w	JL-G	1-3/4	2.73	1.40	2.19	6	3.50	2.24	12	7/16	3/8	2.73	.25	178200	69	6.7
SB12-187-...x.../w	JL-G	1-7/8	2.98	1.50	2.38	6	3.75	2.35	10	1/2	7/16	2.98	.25	207000	108	7.9
SB12-200-...x.../w	JL-G	2	3.20	1.50	2.50	8	4.00	2.35	12	1/2	7/16	3.20	.25	238500	103	11
SB12-225-...x.../w	JL-G	2-1/4	3.45	1.60	2.75	8	4.50	2.35	12	1/2	7/16	3.45	.25	256500	111	14
SB12-250-...x.../w	JL-G	2-1/2	3.95	1.80	3.13	8	5.00	2.95	10	5/8	9/16	3.94	.31	321750	210	18
SB12-275-...x.../w	JL-G	2-3/4	4.20	2.20	3.38	10	5.50	3.30	12	5/8	9/16	4.20	.31	394500	214	27
SB12-300-...x.../w	JL-G	3	4.45	2.20	3.63	12	6.00	3.30	14	5/8	9/16	4.45	.31	474000	220	35
SB12X-325-...x.../w	JL-M	3-1/4	4.95	2.35	4.00	12	6.50	3.63	12	3/4	5/8	4.95	.38	561750	176	43
SB12X-350-...x.../w	JL-M	3-1/2	5.20	2.35	4.25	12	7.00	3.63	14	3/4	5/8	5.20	.38	656250	176	49
SB12X-375-...x.../w	JL-M	3-3/4	5.70	2.70	4.63	15	7.50	4.00	12	7/8	3/4	5.70	.44	758250	276	69
SB12X-400-...x.../w	JL-M	4	5.90	2.70	4.88	15	8.00	4.00	14	7/8	3/4	5.90	.44	867750	270	78
SB12X-425-...x.../w	JL-M	4-1/4	6.45	3.20	5.25	15	8.50	4.70	12	1	3/4	6.45	.50	984000	410	94
SB12X-450-...x.../w	JL-M	4-1/2	6.70	3.20	5.50	18	9.00	4.70	14	1	3/4	6.70	.50	1108500	396	118
SB12X-475-...x.../w	JL-M	4-3/4	6.95	3.20	5.75	18	9.50	4.70	14	1	3/4	6.95	.50	1237500	442	130
SB12X-500-...x.../w	JL-M	5	7.45	4.00	6.13	20	10.00	5.70	12	1-1/8	3/4	7.45	.56	1350000	624	168
SB12X-525-...x.../w	JL-M	5-1/4	7.70	4.00	6.38	24	10.50	5.70	14	1-1/8	3/4	7.70	.56	1522500	603	208
SB12X-550-...x.../w	JL-M	5-1/2	7.95	4.00	6.63	24	11.00	5.70	14	1-1/8	3/4	7.95	.56	1459875	578	227
SB12X-575-...x.../w	JL-M	5-3/4	8.20	4.00	6.88	24	11.50	5.70	14	1-1/8	3/4	8.20	.56	1561875	619	246
SB12X-600-...x.../w	JL-M	6	8.45	4.00	7.13	24	12.00	5.70	16	1-1/8	3/4	8.45	.56	1708500	592	266

Metric		mm	mm	mm	mm	mm	mm	mm	n	mm	mm	mm	mm	Lb	Lbft	Lb
SB12-M20-...x.../w	JL-G	M20	34	18	26	76	40	30	8	M6	5	34	3.3	30240	10	.7
SB12-M24-...x.../w	JL-G	M24	43	24	32	102	48	40	6	M8	6	43	4.1	43650	24	1.5
SB12-M27-...x.../w	JL-G	M27	47	24	35	102	54	40	8	M8	6	47	4.1	57420	24	1.8
SB12-M30-...x.../w	JL-G	M30	50	24	38	127	60	40	10	M8	6	50	4.1	70200	23	2.5
SB12-M33-...x.../w	JL-G	M33	57	28	43	152	66	46	8	M10	8	57	5.1	87660	45	3.6
SB12-M36-...x.../w	JL-G	M36	59	28	46	152	72	46	10	M10	8	59	5.1	102960	43	4.2
SB12-M39-...x.../w	JL-G	M39	63	28	50	152	78	46	12	M10	8	63	5.1	124020	43	4.9
SB12-M42-...x.../w	JL-G	M42	66	28	52	152	84	46	12	M10	8	66	5.1	141120	49	5.5
SB12-M45-...x.../w	JL-G	M45	74	37	57	152	90	58	10	M12	10	74	6.4	166680	83	7.3
SB12-M48-...x.../w	JL-G	M48	75	37	60	203	96	58	10	M12	10	75	6.4	187380	93	9.6
SB12-M52-...x.../w	JL-G	M52	81	37	64	203	104	58	12	M12	10	81	6.4	187725	78	11
SB12-M56-...x.../w	JL-G	M56	85	37	68	203	112	58	12	M12	10	85	6.4	216525	90	13
SB12-M60-...x.../w	JL-G	M60	90	37	72	203	120	58	14	M12	10	90	6.4	246900	87	15
SB12-M64-...x.../w	JL-G	M64	100	46	80	254	128	75	10	M16	14	100	8	286800	187	21
SB12-M72-...x.../w	JL-G	M72	111	56	88	254	144	84	12	M16	14	111	8	374550	203	28
SB12-M80-...x.../w	JL-G	M80	119	56	96	305	160	84	14	M16	14	119	8	473925	220	39
SB12X-M90-...x.../w	JL-M	M90	138	60	110	305	180	89	12	M20	17	138	10	614625	199	51
SB12X-M100-..x../w	JL-M	M100	145	69	120	381	200	98	14	M20	17	145	10	773250	214	74
SB12X-M110-..x../w	JL-M	M110	164	81	134	457	220	116	12	M24	19	164	13	950250	373	109
SB12X-M120-..x../w	JL-M	M120	177	81	144	457	240	116	14	M24	19	177	13	1145250	385	129
SB12X-M140-..x../w	JL-M	M140	201	102	167	610	280	142	14	M27	19	201	14	1311975	490	227
SB12X-M160-..x../w	JL-M	M160	221	102	187	610	320	142	16	M27	19	221	14	1722525	562	291

SB12 Torquebolts® offer higher strength and are more suitable for low temperatures. Other features are the same as SB8 Torquebolts®.

APPLICATIONS: Gear boxes, BOF applications, mining equipment, pinion stands, clamp type flange connections, and wind tunnels.



ORDERING INFORMATION: To the part numbers in the table, add threads per inch (or pitch) requirement and the length you require under the head (please account for washer thickness). EXAMPLE: For a 2", 8TPI bolt 9" long, order - SB12-200-8 x 9.00/w (the /w specifies the standard hardened washer).

NOTE: For permanent bolting applications, preload can be safely increased 30% by increasing specified torque 30%.

Ultrabolts are the strongest fasteners available, when applied correctly (usually with Flexnuts). Ultrabolts are custom designed, utilizing special and/or exotic materials. Bolt stress up to 120,000 psi is normal. Some Ultrabolts are capable of withstanding 300,000 psi tensile stress with 250,000 psi yield strength. Preloading repeatedly to 250,000 psi, with only the jackbolts, has been successfully accomplished without damage. For those applications requiring a nut with the Ultrabolt, SXU Flexnuts are recommended (grade 8 nuts are not strong enough for Ultrabolts). Contact Superbolt® for your high strength and extra high strength requirements.