

FASTENER CHARTS

Bolt and Nut Part Numbers

DESCRIPTION	SIZE	PART NUMBER
Lock Washer	1/2"	902-LWS-5000
Nut – Grade 5	3/8"	904-NRG-3754
Nut – Grade 5	7/16"	904-NRG-4374
Nut – Grade 5	1/2"	904-NRG-5004
Lock Nut – Stover	1/4"	906-NPT-2505
Lock Nut – Stover	3/8"	906-NPT-3755
Lock Nut – Stover	7/16"	906-NPT-4375
Lock Nut – Stover	1/2"	906-NPT-5005
Lock Nut – Nylon Insert	1/4"	908-NNI-2504
Screw – Pan Head	3/8"	911-SCR-1038
Screw – Self Drill	1/2"	911-SCR-1051
Plow Bolt – O/S Hd Low Shld	3/8" x 1-1/2"	922-POL-1504
Plow Bolt – O/S Hd Low Shld	3/8" x 1-3/4"	922-POL-1754
Plow Bolt – O/S Hd Low Shld	3/8" x 2"	922-POL-2004
Plow Bolt – O/S Hd	3/8" x 2-1/4"	922-POR-2254
Plow Bolt – O/S Hd Low Shld	7/16" x 1-3/4"	924-POL-1754
Plow Bolt – O/S Hd	7/16" x 2"	924-POR-2004
Plow Bolt – O/S Hd	7/16" x 2-1/4"	924-POR-2254
Plow Bolt – O/S Hd	7/16" x 2-1/2"	924-POR-2504
Plow Bolt – O/S Hd	7/16" x 2-3/4"	924-POR-2754
Plow Bolt – O/S Hd	7/16" x 3"	924-POR-3004
Plow Bolt – O/S Hd	7/16" x 3-7/8"	924-POR-3874
Plow Bolt	1/2" x 1-3/4"	926-PRG-1754
Plow Bolt	1/2" x 2"	926-PRG-2004

DESCRIPTION	SIZE	PART NUMBER
Plow Bolt	1/2" x 2-1/4"	926-PRG-2254
Plow Bolt	1/2" x 2-1/2"	926-PRG-2504
Plow Bolt	1/2" x 2-3/4"	926-PRG-2754
Plow Bolt	1/2" x 3"	926-PRG-3004
Plow Bolt	1/2" x 3-1/2"	926-PRG-3504
Hex Bolt – O/S Hd Shld Blt	7/16" x 1-3/4"	933-HOS-1754
Hex Bolt – O/S Hd Shld Blt	7/16" x 2"	933-HOS-2004
Hex Bolt	1/4" x 3/4"	942-HRG-0754
Hex Bolt	1/4" x 2"	942-HRG-2004
Hex Bolt	1/2" x 1-3/4"	946-HRG-1754
Hex Bolt – Grade 8	1/2" x 2"	946-HRG-2005
Hex Bolt – Grade 8	1/2" x 2-1/4"	946-HRG-2255
Hex Bolt – Grade 8	1/2" x 2-1/2"	946-HRG-2505
Hex Bolt	1/2" x 2-3/4"	946-HRG-2754
Hex Bolt	1/2" x 3"	946-HRG-3004
Hex Bolt	1/2" x 3-1/4"	946-HRG-3524
Hex Bolt	1/2" x 3-1/2"	946-HRG-3504
Carriage Bolt – Grade 8	3/8" x 2-1/4"	960-CRG-3755
Carriage Bolt – Grade 8	1/2" x 2"	961-CRG-2005
Carriage Bolt – Grade 8	1/2" x 2-1/4"	961-CRG-2255
Carriage Bolt – Grade 8	1/2" x 2-1/2"	961-CRG-2505

Legend: O/S Hd = Oversized Head; Low Shld = Low Shoulder; Shld Blt = Shoulder Bolt

Common Torque Values

This chart lists some of the more common bolt sizes and their calculated torque values. To ensure proper installation and the integrity of the bolts, it is recommended that you follow these values. We have highlighted some of the more common sizes that our products will use.

USS/SAE Grade 8

BOLT DIAMETER	WRENCH SIZE	TORQUE DRY FT. LBS.	LUBRICATED FT. LBS.
1/4"	7/16"	12	9
5/16"	1/2"	24	18
3/8"	9/16"	45	35
7/16"	5/8"	70	50
1/2"	3/4"	110	80
9/16"	13/16"	150	110
5/8"	15/16"	210	160
3/4"	1-1/8"	380	280
7/8"	1-5/16"	600	450
1"	1-1/2"	910	680

All highlighted values are common bolt sizes used for BTT products.