



Power & Grounding Expansion Catalog

PANDUIT®
infrastructure for a connected world

We're expanding our offering so you can expand your business

Panduit® is committed to providing our customers a comprehensive solution and that means we must continually improve and expand our product offering so that you can meet and exceed all of your client's expectations.

We are expanding our existing power and grounding offering with more sizes and more choices so that you can meet all of your customer's demands, no matter the requirement.

Of course, we're not just focusing on an expansion of our current product line, but we are also going above and beyond to introduce products we've never offered before. You've told us what you need and we've listened.

Look for our new product offerings as well as product line expansions over the course of this catalog. This is an ongoing commitment on our part, so be sure to check back often for the latest additions to our ever-expanding product line.

We are your partner in support of all of your power and grounding needs.



SILICON BRONZE HARDWARE

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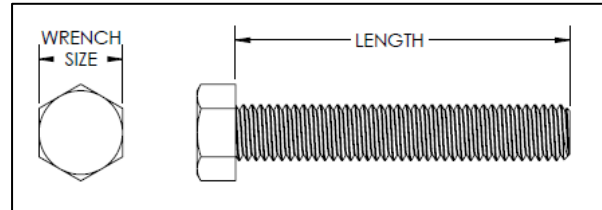
Silicon Bronze is an excellent choice for electrical connections due to its high-strength, toughness, and corrosion resistance. It is also non-magnetic and free from galvanic action when in contact with copper. All Panduit silicon bronze hardware is certified as premium alloy 651 or 655 except for internal tooth lockwashers which use phosphorous bronze for its increased elasticity benefits.

Proper installation torque is essential to ensure a high conductivity connection that will not loosen from vibration.

Thread Size (UNC)	Recommended Torque (inch-pounds)	Wrench Size (SAE)
1/4-20	80	7/16
5/16-18	180	1/2
3/8-16	240	9/16
7/16-14	350	5/8 (bolt) 11/16 (nut)
1/2-13	480	3/4
5/8-11	660	15/16

Hex Bolts

- Fully threaded to work in a range of applications
- Complies with ANSI/ASME B18.2.1 dimensions
- United National Coarse Class 2B thread fit

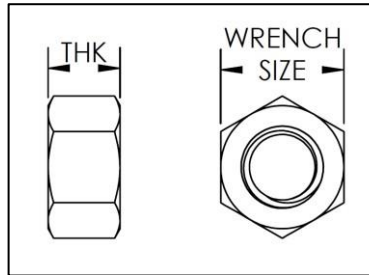


Part Number	Thread Size	Length (inches)	Box Qty
SBBOLT2550-C	1/4-20	1/2	100
SBBOLT2562-C	1/4-20	5/8	100
SBBOLT2575-C	1/4-20	3/4	100
SBBOLT25100-C	1/4-20	1	100
SBBOLT25125-C	1/4-20	1 1/4	100
SBBOLT25150-C	1/4-20	1 1/2	100
SBBOLT25200-C	1/4-20	2	100
SBBOLT25250-C	1/4-20	2 1/2	100
SBBOLT25300-C	1/4-20	3	100
SBBOLT3150-C	5/16-18	1/2	100
SBBOLT3162-C	5/16-18	5/8	100
SBBOLT3175-C	5/16-18	3/4	100
SBBOLT31100-C	5/16-18	1	100
SBBOLT31125-C	5/16-18	1 1/4	100
SBBOLT31150-C	5/16-18	1 1/2	100
SBBOLT31175-C	5/16-18	1 3/4	100
SBBOLT31200-C	5/16-18	2	100
SBBOLT31250-C	5/16-18	2 1/2	100
SBBOLT31300-C	5/16-18	3	100
SBBOLT3850-C	3/8-16	1/2	100
SBBOLT3862-C	3/8-16	5/8	100
SBBOLT3875-C	3/8-16	3/4	100
SBBOLT38100-C	3/8-16	1	100
SBBOLT38125-C	3/8-16	1 1/4	100
SBBOLT38150-C	3/8-16	1 1/2	100

Part Number	Thread Size	Length (inches)	Box Qty
SBBOLT38175-C	3/8-16	1 3/4	100
SBBOLT38200-C	3/8-16	2	100
SBBOLT38250-C	3/8-16	2 1/2	100
SBBOLT38300-C	3/8-16	3	100
SBBOLT44150-C	7/16-14	1 1/2	100
SBBOLT44200-C	7/16-14	2	100
SBBOLT5050-C	1/2-13	1/2	100
SBBOLT5062-C	1/2-13	5/8	100
SBBOLT5075-C	1/2-13	3/4	100
SBBOLT50100-C	1/2-13	1	100
SBBOLT50125-C	1/2-13	1 1/4	100
SBBOLT50150-C	1/2-13	1 1/2	100
SBBOLT50175-C	1/2-13	1 3/4	100
SBBOLT50200-C	1/2-13	2	100
SBBOLT50250-C	1/2-13	2 1/2	100
SBBOLT50300-L	1/2-13	3	50
SBBOLT6250-C	5/8-11	1/2	100
SBBOLT6262-C	5/8-11	5/8	100
SBBOLT62100-C	5/8-11	1	100
SBBOLT62125-C	5/8-11	1 1/4	100
SBBOLT62150-L	5/8-11	1 1/2	50
SBBOLT62200-L	5/8-11	2	50
SBBOLT62250-L	5/8-11	2 1/2	50
SBBOLT62300-L	5/8-11	3	50

Hex Nuts

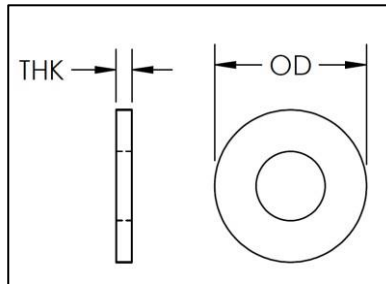
- Complies with ANSI/ASME B18.2.2 dimensions
- United National Coarse Class 2B thread fit



Part Number	Thread Size	THK (inches)	Box Qty
SBNUT25-C	1/4-20	7/32	100
SBNUT31-C	5/16-18	17/64	100
SBNUT38-C	3/8-16	21/64	100
SBNUT44-C	7/16-14	3/8	100
SBNUT50-C	1/2-13	7/16	100
SBNUT62-C	5/8-11	35/64	100

Flat Washers

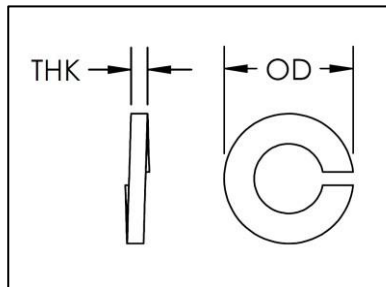
- Complies with ANSI/ASME B18.22.1 Type A narrow dimensions (SAE)



Part Number	OD (inches)	THK (inches)	Box Qty
SBFW25-C	5/8	.065	100
SBFW31-C	11/16	.065	100
SBFW38-C	13/16	.065	100
SBFW44-C	59/64	.065	100
SBFW50-C	1 1/16	.095	100
SBFW62-C	1 5/16	.095	100

Split Lockwashers

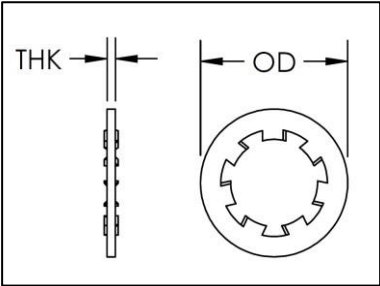
- Complies with ANSI/ASME B18.21.1 dimensions
- Spring action exerts constant pressure on the face of the nut, preventing it from loosening



Part Number	OD (inches)	THK (inches)	Box Qty
SBSLW25-C	0.487	0.062	100
SBSLW31-C	0.583	0.078	100
SBSLW38-C	0.680	0.094	100
SBSLW44-C	0.776	0.109	100
SBSLW50-C	0.869	0.125	100
SBSLW62-C	1.073	0.156	100

Internal Tooth Lockwashers

- Complies with ANSI/ASME B18.21.1 dimensions
- Angle of teeth present a biting edge that digs into the nut, preventing it from loosening



Part Number	OD (inches)	THK (inches)	Box Qty
SBITW25-C	0.478	0.028	100
SBITW31-C	0.610	0.034	100
SBITW38-C	0.692	0.040	100
SBITW44-C	0.789	0.040	100
SBITW50-C	0.900	0.045	100
SBITW62-C	1.071	0.050	100