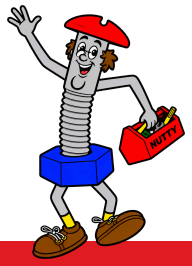
THE NUTTY COMPANY INC
FASTENER SPECIALISTS SINCE 1977

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PRODUCT DATA SHEET

Barrel Bolts & Screws – Sex Bolts



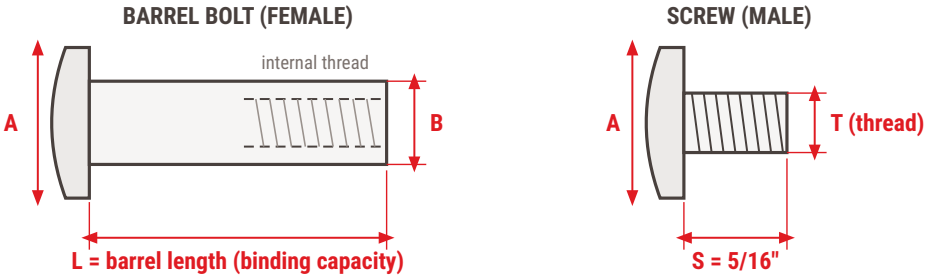
ZINC PLATED STEEL



18-8 STAINLESS STEEL

- **Two-piece fastener:** a female barrel bolt with internal threads and a male screw that threads into it from the other side.
- **Matching low profile heads** on both sides give a clean, finished look with no exposed threads or nuts.
- **Slotted/Phillips combination drive** on both heads – tighten with a flat or Phillips screwdriver.
- **Removable and reusable:** take apart to add or remove pages, panels or straps.
- Also called sex bolts, Chicago screws, binding posts, binder posts, post screws and connector bolts.

1.0 Dimensions



	10-24	1/4-20
Thread size (T)	10-24 UNC	1/4-20 UNC
Barrel diameter (B)	.250"	.312"
Head diameter (A) – barrel & screw	.438"	.562"
Screw length (S)	5/16"	5/16"
Hole size	17/64" (.266")	21/64" (.328")
Barrel lengths stocked (L)	1/2", 3/4", 1" (plated) 3/4", 1" (stainless)	3/8", 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", 2"
Drive – barrel & screw	Slotted / Phillips combination	Slotted / Phillips combination
Barrel end	Closed end	Closed end
Materials stocked	Zinc plated steel; 18-8 stainless steel	Zinc plated steel

Barrel bolt and screw are sold separately – order one barrel and one screw for each assembly. Screws fit all barrel lengths of the same thread size. Dimensions are nominal.

2.0 Materials

Zinc plated steel	Steel, zinc plated (bright). Much stronger and more durable than common aluminum binder posts. For indoor and dry locations.
18-8 stainless steel	18-8 (302/304) stainless steel. Will not rust or corrode like zinc plated steel – for damp and outdoor locations.

3.0 Stock Sizes

10-24 – ZINC PLATED STEEL

Stock #	Description	Length	Head
BBS1024	Screw (male)	5/16"	Combo
BB102412	Barrel Bolt (female)	1/2"	Closed end, combo
BB102434	Barrel Bolt (female)	3/4"	Closed end, combo
BB10241	Barrel Bolt (female)	1"	Closed end, combo

10-24 – 18-8 STAINLESS STEEL

Stock #	Description	Length	Head
XBBS1024	Screw (male)	5/16"	Combo
XBB102434	Barrel Bolt (female)	3/4"	Closed end, combo
XBB10241	Barrel Bolt (female)	1"	Closed end, combo

1/4-20 – ZINC PLATED STEEL

Stock #	Description	Length	Head
BBS1420	Screw (male)	5/16"	Combo
BB142038	Barrel Bolt (female)	3/8"	Closed end, combo
BB142012	Barrel Bolt (female)	1/2"	Closed end, combo
BB142058	Barrel Bolt (female)	5/8"	Closed end, combo
BB142034	Barrel Bolt (female)	3/4"	Closed end, combo

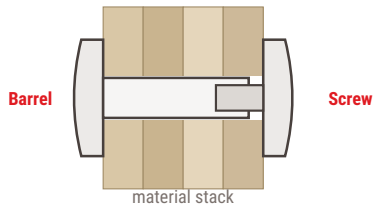
1/4-20 – ZINC PLATED STEEL (CONT.)

Stock #	Description	Length	Head
BB14201	Barrel Bolt (female)	1"	Closed end, combo
BB1420114	Barrel Bolt (female)	1-1/4"	Closed end, combo
BB1420112	Barrel Bolt (female)	1-1/2"	Closed end, combo
BB14202	Barrel Bolt (female)	2"	Closed end, combo

Additional lengths are available on request. Length (L) is measured under the head.

4.0 Installation & Choosing a Length

1. Drill or punch a clean hole through every layer: **17/64"** for 10-24, **21/64"** for 1/4-20.
2. Choose a barrel length (L) equal to, or just under, the total thickness of the material stack.
3. Push the barrel bolt through the stack from the finished side.
4. Thread the screw into the barrel from the opposite side and tighten with a flat or Phillips screwdriver until both heads are snug. Do not over-tighten soft materials.
5. For a semi-permanent joint, add a drop of removable thread locker to the screw threads.



Binding capacity is set by the barrel length.

5.0 Common Uses

- Swatch books, sample books, menus and manuals
- Leather goods: belts, holsters, sheaths, straps and saddlery
- Signs, displays, POP and trade-show fixtures
- Furniture, cabinets and panel-to-panel joints
- Knife handles, tool handles and gaskets
- Plastic, wood, plywood, acrylic and sheet-metal assemblies

Disclaimer: The above is a compilation of manufacturer and industry data. The Nutty Company, Inc. has made every effort to present the data accurately. However, The Nutty Company, Inc. cannot be held liable for any claim traceable to any errors, typographical or otherwise, contained herein. Dimensions are nominal. Barrel bolts are binding fasteners and are not rated for structural or lifting loads.



Need another length or finish?
Call 203.877.1709 or email sales@nutty.com – shop online at nutty.com