



Brass Wood Screws / Heli-Coil Inserts

Brass Wood Screws

Due to the soft nature of brass screws pre-drilling and lubricating is recommended.



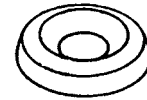
Length	Flat Phillips	Slotted Round	Slotted Flat	Qty.
4" Diameter				
4 x 3/8	4N37FPWB	4N37RWSB	4N37FWSB	100
4 x 1/2	4N50FPWB	4N50RWSB	4N50FWSB	100
4 x 5/8	4N62FPWB	4N62RWSB	4N62FWSB	100
4 x 3/4	4N75FPWB	4N75RWSB	4N75FWSB	100
4 x 1	4N100FPWB	4N100RWSB	4N100FWSB	100
6" Diameter				
3/8	-	6N37RWSB	6N37FWSB	100
1/2	6N50FPWB	6N50RWSB	6N50FWSB	100
5/8	6N62FPWB	6N62RWSB	6N62FWSB	100
3/4	6N75FPWB	6N75RWSB	6N75FWSB	100
1	6N100FPWB	6N100RWSB	6N100FWSB	100
1-1/4	6N125FPWB	6N125RWSB	6N125FWSB	100
1-1/2	6N150FPWB	6N150RWSB	6N150FWSB	100
8" Diameter				
1/2	8N50FPWB	8N50RWSB	8N50FWSB	100
5/8	8N62FPWB	8N62RWSB	8N62FWSB	100
3/4	8N75FPWB	8N75RWSB	8N75FWSB	100
7/8	8N87FPWB	8N87RWSB	8N87FWSB	100
1	8N100FPWB	8N100RWSB	8N100FWSB	100
1-1/4	8N125FPWB	8N125RWSB	8N125FWSB	100
1-1/2	8N150FPWB	8N150RWSB	8N150FWSB	100
1-3/4	8N175FPWB	8N175RWSB	8N175FWSB	100
2	8N200FPWB	8N200RWSB	8N200FWSB	100
10" Diameter				
3/4	10N75FPWB	10N75RWSB	10N75FWSB	100
1	10N100FPWB	10N100RWSB	10N100FWSB	100
1-1/4	10N125FPWB	10N125RWSB	10N125FWSB	100
1-1/2	10N150FPWB	10N150RWSB	10N150FWSB	100
1-3/4	10N175FPWB	10N175RWSB	10N175FWSB	100
2	10N200FPWB	10N200RWSB	10N200FWSB	100
2-1/2	10N250FPWB	10N250RWSB	10N250FWSB	100
3	10N300FPWB	10N300RWSB	10N300FWSB	100
12" Diameter				
1	12N100FPWB	12N100RWSB	12N100FWSB	100
1-1/4	12N125FPWB	12N125RWSB	12N125FWSB	100
1-1/2	12N150FPWB	12N150RWSB	12N150FWSB	100
1-3/4	12N175FPWB	12N175RWSB	12N175FWSB	100
2	12N200FPWB	12N200RWSB	12N200FWSB	100
2-1/2	12N250FPWB	12N250RWSB	12N250FWSB	100
3	12N300FPWB	12N300RWSB	12N300FWSB	100
14" Diameter				
1	-	14N100RWSB	14N100FWSB	100
1-1/4	14N125FPWB	14N125RWSB	14N125FWSB	100
1-1/2	14N150FPWB	14N150RWSB	14N150FWSB	100
1-3/4	-	14N175RWSB	14N175FWSB	100
2	14N200FPWB	14N200RWSB	14N200FWSB	100
2-1/2	14N250FPWB	14N250RWSB	14N250FWSB	100
3	14N300FPWB	14N300RWSB	14N300FWSB	100

Not in the Catalog?

Give us a call.

We are constantly adding new items to our inventory.

Countersunk Finish Washers - Brass



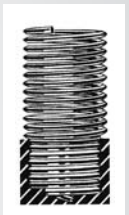
Size	Part No.	Qty.
4	4NCFWB	100
6	6NCFWB	100
8	8NCFWB	100
10	10NCFWB	100
12	12NCFWB	100
14	14NCFWB	100

Heli-Coil Screw Thread Inserts

Heli-Coil Inserts are precision formed screw thread coils of 18-8 (Type 302/304) stainless steel wire having a diamond shaped cross-section. They are manufactured from round wire cold rolled into a diamond shape producing an ultimate tensile strength of approximately 200,000 to 250,000 P.S.I. (a hardness of Rc 43-50). The resultant surface finish is a mirror-like 8-16 micro-inches. This wire is then wound into a spiral coil which, when installed into Heli-Coil tapped holes, provides permanent conventional 60° Internal Screw threads. The assembled insert accommodates any standard bolt or screw (MIL-S-7742) and MIL-S-8879 (UNJ controlled radius root) male threaded members.

What Types, Sizes and Materials

Heli-Coil inserts are larger in diameter before installation than the tapped hole. During installation the inserting tool applies torque to the tang, reducing the diameter of the leading coil permitting it to enter the tapped thread. After installation each high tensile stainless steel coil of the insert expands outward with a spring-like action permanently anchoring the insert.



Both Standard and Screw-Lock Inserts are available from stock in the following sizes:

- UNC - Sizes #2 and UNF - Sizes #3 through 1-1/2" - Five lengths each sizes
- Inserts are also available in UNEF, UNS, 8UN, 12UN, 16UN, Metric, Spark Plug and Pipe Thread
- In addition to Stainless Steel, inserts are available in Phosphor Bronze and Inconel X-750

There are two designs of Heli-Coil Inserts:

- **Standard** which provides a smooth free-running thread;
- **AND**
- **Screw Lock** which provides self-locking torque on the male member by a series of "chords" on one or more of the insert coils. Screw-Lock Inserts are dyed red for identification.

