



### Hand Taps

- High speed steel ground thread
- Square drive shank
- Right hand cutting direction, straight flute
- Available in taper, plug, bottoming and sets
- Bright finish

**Applications:**

Taps cut a thread on the inside surface of a hole, creating a female surface which functions like a nut. Well suited for a variety of ferrous & non-ferrous materials.

**Taper**

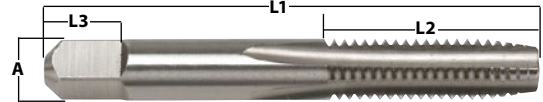
Used in through-holes and for starting threads.

**Plug**

Used in through-holes and in blind holes with space at the bottom for chip accumulation.

**Bottoming**

Used in blind holes where threads must come as close to the hole's bottom as possible



**MACHINE SCREW SIZES - NC NATIONAL COARSE  
NF NATIONAL FINE**

Fractional Size	Taper Model No.	Plug Model No.	Bottoming Model No.	Price /Each	L2"	L1"	L3"	A"	Flutes	Set of 3 taps	
										Model No.	Price /Each
0-80	NF	BL964	BL965	BL966	3/8	1 5/8	3/16	0.110	3	BL963	
1-64	NC	BL968	BL969	BL970	7/16	1 11/16	3/16	0.110	2	BL967	
1-72	NF	BM005	BM006	BM007	7/16	1 11/16	3/16	0.110	3	BM004	
2-56	NC	BL972	BL973	BL974	1/2	1 3/4	3/16	0.110	3	BL971	
2-64	NF	BM009	BM010	BM011	1/2	1 3/4	3/16	0.110	3	BM008	
3-48	NC	BL976	BL977	BL978	9/16	1 13/16	3/16	0.110	3	BL975	
3-56	NF	BM013	BM014	BM015	9/16	1 13/16	3/16	0.110	3	BM012	
4-40	NC	BL980	BL981	BL982	5/8	1 7/8	3/16	0.110	3	BL979	
4-48	NF	BM017	BM018	BM019	5/8	1 7/8	3/16	0.110	3	BM016	
5-40	NC	BL984	BL985	BL986	11/16	1 15/16	3/16	0.110	3	BL983	
5-44	NF	BM021	BM022	BM023	11/16	1 15/16	3/16	0.110	3	BM020	
6-32	NC	BL988	BL989	BL990	11/16	2	3/16	0.110	3	BL987	
6-40	NF	BM025	BM026	BM027	11/16	2	3/16	0.110	3	BM024	
8-32	NC	BL992	BL993	BL994	3/4	2 1/8	1/4	0.131	4	BL991	
8-36	NF	BM029	BM030	BM031	3/4	2 1/8	1/4	0.131	4	BM028	
10-24	NC	BL996	BL997	BL998	7/8	2 3/8	1/4	0.152	4	BL995	
10-32	NF	BM033	BM034	BM035	7/8	2 3/8	1/4	0.152	4	BM032	
12-24	NC	BM001	BM002	BM003	15/16	2 3/8	9/32	0.165	4	BL999	
12-28	NF	BM037	BM038	BM039	15/16	2 3/8	9/32	0.165	4	BM036	

**FRACTIONAL SIZES - NC NATIONAL COARSE  
NF NATIONAL FINE**

Fractional Size	Taper Model No.	Plug Model No.	Bottoming Model No.	Price /Each	L2"	L1"	L3"	A"	Flutes	Set of all 3 taps	
										Model No.	Price /Each
1/4-20	NC	BL843	BL844	BL845	1	2 1/2	5/16	0.191	4	BL842	
1/4-28	NF	BL905	BL906	BL907	1	2 1/2	5/16	0.191	4	BL904	
5/16-18	NC	BL847	BL848	BL849	1 1/8	2 23/32	3/8	0.238	4	QE252	
5/16-24	NF	BL909	BL910	BL911	1 1/8	2 23/32	3/8	0.238	4	BL908	
3/8-16	NC	BL851	BL852	BL853	1 1/4	2 15/16	7/16	0.286	4	BL850	
3/8-24	NF	BL912	BL913	BL914	1 1/4	2 15/16	7/16	0.286	4	VE890	
7/16-14	NC	BL855	BL856	BL857	1 7/16	3 5/32	13/32	0.242	4	BL854	
7/16-20	NF	BL916	BL917	BL918	1 7/16	3 5/32	13/32	0.242	4	BL915	
1/2-13	NC	BL859	BL860	BL861	1 21/32	3 3/8	7/16	0.275	4	BL858	
1/2-20	NF	BL920	BL921	BL922	1 21/32	3 3/8	7/16	0.275	4	BL919	
9/16-12	NC	BL863	BL864	BL865	1 21/32	3 19/32	1/2	0.322	4	BL862	
9/16-18	NF	BL924	BL925	BL926	1 21/32	3 19/32	1/2	0.322	4	BL923	
5/8-11	NC	QE253	BL867	BL868	1 13/16	3 13/16	9/16	0.360	4	BL866	
5/8-18	NF	BL928	BL929	BL930	1 13/16	3 13/16	9/16	0.360	4	BL927	
3/4-10	NC	VE860	BL870	BL871	2	4 1/4	11/16	0.442	4	BL869	
3/4-16	NF	BL932	BL933	BL934	2	4 1/4	11/16	0.442	4	BL931	
7/8-9	NC	BL873	BL874	BL875	2 7/32	4 11/16	3/4	0.523	4	BL872	
7/8-14	NF	BL936	BL937	BL938	2 7/32	4 11/16	3/4	0.523	4	BL935	
1-8	NC	BL877	BL878	BL879	2 1/2	5 1/8	13/16	0.600	4	BL876	
1-12	NF	BL940	BL941	BL942	2 1/2	5 1/8	13/16	0.600	4	BL939	
1-14	NS	BL960	BL961	BL962	2 1/2	5 1/8	13/16	0.600	4	BL959	
1 1/8-7	NC	QE254	BL882	BL883	2 9/16	5 7/16	7/8	0.672	4	BL880	
1 1/8-12	NF	BL944	BL945	BL946	2 9/16	5 7/16	7/8	0.672	4	BL943	
1 1/4-7	NC	BL885	BL886	BL887	2 9/16	5 3/4	1	0.766	4	BL884	
1 1/4-12	NF	BL948	BL949	BL950	2 9/16	5 3/4	1	0.766	4	BL947	
1 3/8-6	NC	BL889	BL890	BL891	3	6 1/16	1 1/16	0.831	4	BL888	
1 3/8-12	NF	BL952	BL953	BL954	3	6 1/16	1 1/16	0.831	4	BL951	
1 1/2-6	NC	BL893	BL894	BL895	3	6 3/8	1 1/8	0.925	4	BL892	
1 1/2-12	NE	BL956	BL957	BL958	3	6 3/8	1 1/8	0.925	4	BL955	
1 3/4-5	NC	BL897	BL898	BL899	3 3/16	7	1 1/4	1.072	6	BL896	
2-4.5	NC	BL901	BL902	BL903	3 9/16	7 5/8	1 3/8	1.233	6	BL900	