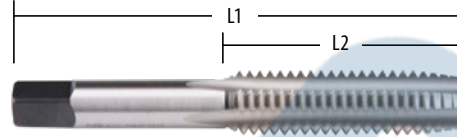




## Hand Taps

- Versatile tap that can be used for both hand or machine tapping in a wide variety of materials
- Bright finish improves chip flow in soft or non-ferrous materials
- Material: High Speed Steel
- Manufacturing Standards: ANSI
- Cutting Direction: Right Hand
- **1500-1500S series:** Fractional sizes
- **1528-1528S series:** Machine screw sizes



**Note:** Sizes 0-80 through 3/8"-24 have a male centre on the thread end  
 Sizes 7/16"-14 through 1-1/2"-12 have a female centre/flat end

**UNION BUTTERFIELD®**

Thread Size	Thread Form	No. of Flutes	L2"	L1"	Limits	Taper Model No.	Plug Model No.	Bottoming Model No.	Price /Each	Sets	Price /Each
0-80	Unified Fine	2	5/16	1-5/8	H1	TCQ219	TCQ277	TCQ361	-	TCQ441	-
0-80	Unified Fine	2	5/16	1-5/8	H2	-	TCQ278	TCQ362	-	-	-
1-64	Unified Coarse	2	3/8	1-11/16	H1	TCQ220	TCQ279	TCQ363	-	TCQ442	-
1-72	Unified Fine	2	3/8	1-11/16	H1	TCQ221	TCQ280	TCQ364	-	TCQ443	-
2-56	Unified Coarse	2	7/16	1-3/4	H2	-	TCQ281	TCQ365	-	-	-
2-56	Unified Coarse	3	7/16	1-3/4	H1	TCQ222	TCQ282	TCQ366	-	-	-
2-56	Unified Coarse	3	7/16	1-3/4	H2	TCQ223	TCQ283	TCQ367	-	TCQ444	-
2-64	Unified Fine	3	7/16	1-3/4	H2	-	-	-	-	TCQ445	-
3-48	Unified Coarse	2	1/2	1-13/16	H2	-	TCQ284	-	-	-	-
3-48	Unified Coarse	3	1/2	1-13/16	H2	TCQ224	TCQ285	TCQ368	-	TCQ446	-
3-56	Unified Fine	3	1/2	1-13/16	H2	TCQ225	TCQ286	TCQ369	-	TCQ447	-
4-40	Unified Coarse	2	9/16	1-7/8	H2	-	TCQ287	TCQ370	-	-	-
4-40	Unified Coarse	3	9/16	1-7/8	H1	TCQ226	TCQ288	TCQ371	-	-	-
4-40	Unified Coarse	3	9/16	1-7/8	H2	TCQ227	TCQ289	TCQ372	-	TCQ448	-
4-48	Unified Fine	3	9/16	1-7/8	H2	TCQ228	TCQ290	TCQ373	-	TCQ449	-
4-36	Unified Special	3	9/16	1-7/8	H2	-	-	-	-	TCQ450	-
5-40	Unified Coarse	3	5/8	1-15/16	H2	TCQ229	TCQ291	TCQ374	-	TCQ451	-
5-44	Unified Fine	3	5/8	1-15/16	H2	TCQ230	TCQ292	TCQ375	-	TCQ452	-
6-32	Unified Coarse	2	11/16	2	H2	-	TCQ293	TCQ376	-	-	-
6-32	Unified Coarse	2	11/16	2	H3	-	TCQ294	TCQ377	-	-	-
6-32	Unified Coarse	3	11/16	2	H1	TCQ231	TCQ295	TCQ378	-	-	-
6-32	Unified Coarse	3	11/16	2	H2	TCQ232	TCQ296	TCQ379	-	TCQ453	-
6-32	Unified Coarse	3	11/16	2	H3	TCQ233	TCQ297	TCQ380	-	TCQ454	-
6-40	Unified Fine	3	11/16	2	H2	TCQ234	TCQ298	TCQ381	-	TCQ455	-
8-32	Unified Coarse	2	3/4	2-1/8	H2	-	TCQ299	TCQ382	-	-	-
8-32	Unified Coarse	2	3/4	2-1/8	H3	-	TCQ300	TCQ383	-	-	-
8-32	Unified Coarse	3	3/4	2-1/8	H2	-	TCQ301	TCQ384	-	-	-
8-32	Unified Coarse	3	3/4	2-1/8	H3	-	TCQ302	TCQ385	-	-	-
8-32	Unified Coarse	4	3/4	2-1/8	H1	-	TCQ303	-	-	-	-
8-32	Unified Coarse	4	3/4	2-1/8	H2	TCQ235	TCQ304	TCQ386	-	TCQ456	-
8-32	Unified Coarse	4	3/4	2-1/8	H3	TCQ236	TCQ305	TCQ387	-	TCQ457	-
8-36	Unified Fine	4	3/4	2-1/8	H2	TCQ237	TCQ306	TCQ388	-	TCQ458	-
10-24	Unified Coarse	2	7/8	2-3/8	H2	-	TCQ307	TCQ389	-	-	-
10-24	Unified Coarse	2	7/8	2-3/8	H3	-	TCQ308	TCQ390	-	-	-
10-24	Unified Coarse	3	7/8	2-3/8	H2	-	TCQ309	-	-	-	-
10-24	Unified Coarse	3	7/8	2-3/8	H3	-	TCQ310	TCQ391	-	-	-
10-24	Unified Coarse	4	7/8	2-3/8	H1	-	TCQ311	-	-	-	-
10-24	Unified Coarse	4	7/8	2-3/8	H2	TCQ238	TCQ312	TCQ392	-	TCQ459	-
10-24	Unified Coarse	4	7/8	2-3/8	H3	TCQ239	TCQ313	TCQ393	-	TCQ460	-
10-32	Unified Fine	2	7/8	2-3/8	H2	-	TCQ314	TCQ394	-	-	-
10-32	Unified Fine	2	7/8	2-3/8	H3	-	TCQ315	TCQ395	-	-	-
10-32	Unified Fine	3	7/8	2-3/8	H2	-	TCQ316	TCQ396	-	-	-
10-32	Unified Fine	3	7/8	2-3/8	H3	-	TCQ317	TCQ397	-	-	-
10-32	Unified Fine	4	7/8	2-3/8	H2	TCQ240	TCQ318	TCQ398	-	TCQ461	-
10-32	Unified Fine	4	7/8	2-3/8	H3	TCQ241	TCQ319	TCQ399	-	TCQ462	-
12-24	Unified Coarse	4	15/16	2-3/8	H3	TCQ242	TCQ320	TCQ400	-	TCQ463	-
12-28	Unified Fine	4	15/16	2-3/8	H3	TCQ243	TCQ321	TCQ401	-	TCQ464	-
1/4"-20	Unified Coarse	4	1	2-1/2	H1	TCQ244	TCQ322	TCQ402	-	-	-
1/4"-20	Unified Coarse	4	1	2-1/2	H2	TCQ245	TCQ323	TCQ403	-	-	-
1/4"-20	Unified Coarse	4	1	2-1/2	H3	TCQ246	TCQ324	TCQ404	-	TCQ465	-
1/4"-20	Unified Coarse	4	1	2-1/2	H5	-	TCQ325	TCQ405	-	-	-
1/4"-28	Unified Fine	4	1	2-1/2	H2	-	TCQ326	TCQ406	-	-	-
1/4"-28	Unified Fine	4	1	2-1/2	H3	TCQ247	TCQ327	TCQ407	-	TCQ466	-
1/4"-28	Unified Fine	4	1	2-1/2	H5	-	TCQ328	TCQ408	-	-	-
5/16"-18	Unified Coarse	4	1-1/8	2-23/32	H2	TCQ248	TCQ329	TCQ409	-	-	-
5/16"-18	Unified Coarse	4	1-1/8	2-23/32	H3	TCQ249	TCQ330	TCQ410	-	TCQ467	-
5/16"-24	Unified Fine	4	1-1/8	2-23/32	H3	TCQ250	TCQ331	TCQ411	-	TCQ468	-
3/8"-16	Unified Coarse	4	1-1/4	2-15/16	H2	TCQ251	TCQ332	TCQ412	-	-	-
3/8"-16	Unified Coarse	4	1-1/4	2-15/16	H3	TCQ252	TCQ333	TCQ413	-	TCQ469	-
3/8"-16	Unified Coarse	4	1-1/4	2-15/16	H5	-	TCQ334	TCQ414	-	-	-
3/8"-24	Unified Fine	4	1-1/4	2-15/16	H3	TCQ253	TCQ335	TCQ415	-	TCQ470	-
7/16"-14	Unified Coarse	4	1-7/16	3-5/32	H3	TCQ254	TCQ336	TCQ416	-	TCQ471	-
7/16"-20	Unified Fine	4	1-7/16	3-5/32	H3	TCQ255	TCQ337	TCQ417	-	TCQ472	-
1/2"-13	Unified Coarse	4	1-21/32	3-3/8	H2	-	TCQ338	TCQ418	-	-	-
1/2"-13	Unified Coarse	4	1-21/32	3-3/8	H3	TCQ256	TCQ339	TCQ419	-	TCQ473	-
1/2"-13	Unified Coarse	4	1-21/32	3-3/8	H5	-	TCQ340	TCQ420	-	-	-
1/2"-20	Unified Fine	4	1-21/32	3-3/8	H3	TCQ257	TCQ341	TCQ421	-	TCQ474	-
9/16"-12	Unified Coarse	4	1-21/32	3-19/32	H3	TCQ258	TCQ342	TCQ422	-	TCQ475	-