

## 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®**

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	-	-
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"-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