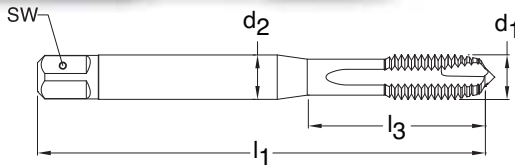
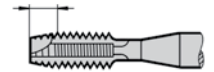


## UNC - Oversized + 0.003



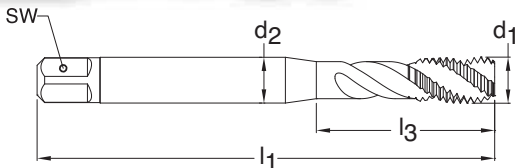
**Series** 3982  
**Standard** ANSI  
**Tool Material** HSS-E (Cobalt)  
**Spiral Point** Straight flute  
**Chamfer Form B • 3.5 - 5**  
**Class of Fit** H7



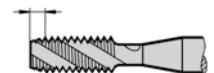
**Through holes**      **TiN coated**      **External cooling**

d1 - P	H Limits	Tap Drill Range inch	Number of Flutes	d2 inch	SW inch	l1 inch	l3 inch	Order Code	EDP Number	Stock
6-32	H7	0.106 - 0.116	3	0.141	0.110	2.000	0.748	3.505	9039820035050	●
8-32	H7	0.132 - 0.141	3	0.168	0.131	2.130	0.827	4.166	9039820041660	●
10-24	H7	0.147 - 0.157	3	0.194	0.152	2.382	0.945	4.826	9039820048260	●
12-24	H7	0.173 - 0.183	3	0.220	0.165	2.382	1.024	5.486	9039820054860	●
1/4-20	H7	0.198 - 0.209	3	0.255	0.191	2.500	1.181	6.350	9039820063500	●
5/16-18	H7	0.253 - 0.266	3	0.318	0.238	2.721	1.377	7.938	9039820079380	●
3/8-16	H7	0.308 - 0.322	3	0.381	0.286	2.941	1.456	9.525	9039820095250	●
7/16-14	H7	0.361 - 0.377	3	0.323	0.242	3.161	N/A	11.113	9039820111130	●
1/2-13	H7	0.418 - 0.435	4	0.367	0.275	3.382	N/A	12.700	9039820127000	●
5/8-11	H7	0.528 - 0.547	4	0.480	0.360	3.811	N/A	15.875	9039820158750	●

## UNC - Oversized + 0.003



**Series** 3980  
**Standard** ANSI  
**Tool Material** HSS-E (Cobalt)  
**Spiral Flute** 40° Helix  
**Chamfer Form C • 2-3**  
**Class of Fit** H7



**Blind holes**      **TiN coated**      **External cooling**

d1 - P	H Limits	Tap Drill Range inch	Number of Flutes	d2 inch	SW inch	l1 inch	l3 inch	Order Code	EDP Number	Stock
6-32	H7	0.106 - 0.116	3	0.141	0.110	2.000	0.748	3.505	9039800035050	●
8-32	H7	0.132 - 0.141	3	0.168	0.131	2.130	0.827	4.166	9039800041660	●
10-24	H7	0.147 - 0.157	3	0.194	0.152	2.382	0.945	4.826	9039800048260	●
12-24	H7	0.173 - 0.183	3	0.220	0.165	2.382	1.024	5.486	9039800054860	●
1/4-20	H7	0.198 - 0.209	3	0.255	0.191	2.500	1.181	6.350	9039800063500	●
5/16-18	H7	0.253 - 0.266	3	0.318	0.238	2.721	1.377	7.938	9039800079380	●
3/8-16	H7	0.308 - 0.322	3	0.381	0.286	2.941	1.456	9.525	9039800095250	●
7/16-14	H7	0.361 - 0.377	3	0.323	0.242	3.161	N/A	11.113	9039800111130	●
1/2-13	H7	0.418 - 0.435	3	0.367	0.275	3.382	N/A	12.700	9039800127000	●
5/8-11	H7	0.528 - 0.547	4	0.480	0.360	3.811	N/A	15.875	9039800158750	●

**TECH TIP: Oversized taps**

Oversized Taps are taps that are typically +0.003"/+0.005" larger than standard pitch diameter. An H7 thread limit tap is +0.003" oversize from the basic pitch diameter while an H11 thread limit tap is +0.005" oversize. Typically, oversized taps are used for threading parts that will be subsequently plated or heat treated after tapping.