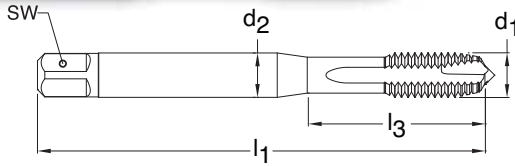


## UNC - Oversized + 0.005



Through holes



TiN coated



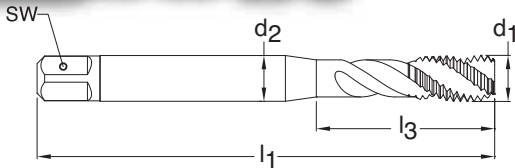
External cooling

**Series** 3986  
**Standard** ANSI  
**Tool Material** HSS-E (Cobalt)  
**Spiral Point** Straight flute  
**Chamfer Form B • 3.5 - 5**  
**Class of Fit** H11



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	H11	0.108 - 0.118	3	0.141	0.110	2.000	0.748	3.505	9039860035050	●
8-32	H11	0.134 - 0.143	3	0.168	0.131	2.130	0.827	4.166	9039860041660	●
10-24	H11	0.149 - 0.159	3	0.194	0.152	2.382	0.945	4.826	9039860048260	●
12-24	H11	0.175 - 0.185	3	0.220	0.165	2.382	1.024	5.486	9039860054860	●
1/4-20	H11	0.199 - 0.210	3	0.255	0.191	2.500	1.181	6.350	9039860063500	●
5/16-18	H11	0.255 - 0.268	3	0.318	0.238	2.721	1.377	7.938	9039860079380	●
3/8-16	H11	0.310 - 0.324	3	0.381	0.286	2.941	1.456	9.525	9039860095250	●
7/16-14	H11	0.363 - 0.379	3	0.323	0.242	3.161	N/A	11.113	9039860111130	●
1/2-13	H11	0.420 - 0.437	4	0.367	0.275	3.382	N/A	12.700	9039860127000	●
5/8-11	H11	0.530 - 0.549	4	0.480	0.360	3.811	N/A	15.875	9039860158750	●

## UNC - Oversized + 0.005



Blind holes



TiN coated



External cooling

**Series** 3984  
**Standard** ANSI  
**Tool Material** HSS-E (Cobalt)  
**Spiral Flute** 40° Helix  
**Chamfer Form C • 2-3**  
**Class of Fit** H11



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	H11	0.108 - 0.118	3	0.141	0.110	2.000	0.748	3.505	9039840035050	●
8-32	H11	0.134 - 0.143	3	0.168	0.131	2.130	0.827	4.166	9039840041660	●
10-24	H11	0.149 - 0.159	3	0.194	0.152	2.382	0.945	4.826	9039840048260	●
12-24	H11	0.175 - 0.185	3	0.220	0.165	2.382	1.024	5.486	9039840054860	●
1/4-20	H11	0.199 - 0.210	3	0.255	0.191	2.500	1.181	6.350	9039840063500	●
5/16-18	H11	0.255 - 0.268	3	0.318	0.238	2.721	1.377	7.938	9039840079380	●
3/8-16	H11	0.310 - 0.324	3	0.381	0.286	2.941	1.456	9.525	9039840095250	●
7/16-14	H11	0.363 - 0.379	3	0.323	0.242	3.161	N/A	11.113	9039840111130	●
1/2-13	H11	0.420 - 0.437	3	0.367	0.275	3.382	N/A	12.700	9039840127000	●
5/8-11	H11	0.530 - 0.549	4	0.480	0.360	3.811	N/A	15.875	9039840158750	●

**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.