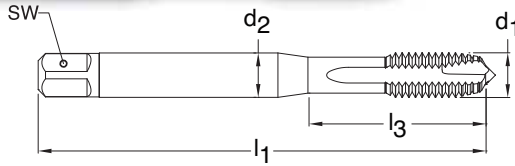


# UNF - Oversized + 0.003



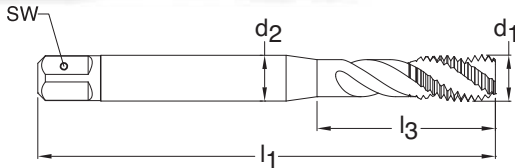
**Series 3983**  
**Standard ANSI**  
**Tool Material HSS-E (Cobalt)**  
**Spiral Point Straight flute**  
**Chamfer Form B • 3.5 - 5**  
**Class of Fit H7**



  Through holes     
 S 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
6-40	H7	0.113 - 0.121	3	0.141	0.110	2.000	0.748	3.505	9039830035050	●
8-36	H7	0.136 - 0.144	3	0.168	0.131	2.130	0.827	4.166	9039830041660	●
10-32	H7	0.156 - 0.164	3	0.194	0.152	2.382	0.945	4.826	9039830048260	●
12-28	H7	0.179 - 0.188	3	0.220	0.165	2.382	1.024	5.486	9039830054860	●
1/4-28	H7	0.213 - 0.222	3	0.255	0.191	2.500	1.181	6.350	9039830063500	●
5/16-24	H7	0.269 - 0.279	3	0.318	0.238	2.721	1.377	7.938	9039830079380	●
3/8-24	H7	0.332 - 0.342	3	0.381	0.286	2.941	1.456	9.525	9039830095250	●
7/16-20	H7	0.384 - 0.396	3	0.323	0.242	3.161	N/A	11.113	9039830111130	●
1/2-20	H7	0.447 - 0.458	4	0.367	0.275	3.382	N/A	12.700	9039830127000	●
5/8-18	H7	0.566 - 0.579	4	0.480	0.360	3.811	N/A	15.875	9039830158750	●

# UNF - Oversized + 0.003



**Series 3981**  
**Standard ANSI**  
**Tool Material HSS-E (Cobalt)**  
**Spiral Flute 40° Helix**  
**Chamfer Form C • 2-3**  
**Class of Fit H7**



  Blind holes     
 S 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
6-40	H7	0.113 - 0.121	3	0.141	0.110	2.000	0.748	3.505	9039810035050	●
8-36	H7	0.136 - 0.144	3	0.168	0.131	2.130	0.827	4.166	9039810041660	●
10-32	H7	0.156 - 0.164	3	0.194	0.152	2.382	0.945	4.826	9039810048260	●
12-28	H7	0.179 - 0.188	3	0.220	0.165	2.382	1.024	5.486	9039810054860	●
1/4-28	H7	0.213 - 0.222	3	0.255	0.191	2.500	1.181	6.350	9039810063500	●
5/16-24	H7	0.269 - 0.279	3	0.318	0.238	2.721	1.377	7.938	9039810079380	●
3/8-24	H7	0.332 - 0.342	3	0.381	0.286	2.941	1.456	9.525	9039810095250	●
7/16-20	H7	0.384 - 0.396	3	0.323	0.242	3.161	N/A	11.113	9039810111130	●
1/2-20	H7	0.447 - 0.458	3	0.367	0.275	3.382	N/A	12.700	9039810127000	●
5/8-18	H7	0.566 - 0.579	4	0.480	0.360	3.811	N/A	15.875	9039810158750	●

"Tap drill Range" given is per the Class of Fit shown per Series #  
 Additional Tap Drill sizes & percent of thread engagement can be found on pages 199 - 206.