



# Universal Applications - Alloyed & Unalloyed Steels

## UNC

2B

Class of Fit



Through Hole

0° Helix

Plug Tap  
Chamfer Lead



B · 3.5 - 5

### ANSI length - ANSI shank

Series 3913 - Cobalt, UNC, spiral point, bright finish

Series 3916 - Cobalt, UNC, spiral point, TiN coated

Series 3946 - Cobalt, UNC, spiral point, TiCN coated



Size	No. Flutes	Shank dia. inch	Square Size inch	Overall Length inch	2B Approx. Limits	●	● <sup>S</sup>	● <sup>C</sup>	Order No.
						Series 3913	Series 3916	Series 3946	
2-56	3	0.141	0.110	1.751	H2/H3				2.184
3-48	3	0.141	0.110	1.811	H2/H3				2.515
4-40	3	0.141	0.110	1.882	H2/H3				2.845
5-40	3	0.141	0.110	1.941	H2/H3				3.175
6-32	3	0.141	0.110	2.000	H3/H4				3.505
8-32	3	0.168	0.131	2.130	H3/H4				4.166
10-24	3	0.194	0.152	2.382	H3/H4				4.826
12-24	3	0.220	0.165	2.382	H3/H4				5.486
1/4-20	3	0.255	0.191	2.500	H4/H5				6.350
5/16-18	3	0.318	0.238	2.720	H4/H5				7.938
3/8-16	3	0.381	0.286	2.941	H5/H6				9.525
7/16-14	3	0.323	0.242	3.157	H5/H6				11.113
1/2-13	4	0.367	0.275	3.381	H5/H6				12.700
9/16-12	4	0.429	0.322	3.591	H5/H6				14.288
5/8-11	4	0.480	0.360	3.811	H5/H6				15.875
3/4-10	4	0.590	0.442	4.252	H5/H6				19.050
7/8-9	4	0.697	0.523	4.689	H6/H7				22.225
1-8	4	0.800	0.600	5.130	H6/H7				25.400
1 1/8-7	4	0.896	0.672	5.441	H6/H7				28.575
1 1/4-7	4	1.021	0.766	5.748	H7/H8				31.750
1 3/8-6	4	1.108	0.831	6.063	H7/H8				34.925
1 1/2-6	6	1.233	0.925	6.378	H7/H8				38.100

### DIN length - DIN shank

Series 2881 - Cobalt, UNC, spiral point, steam oxide finish, DIN 371

Series 2883 - Cobalt, UNC, spiral point, steam oxide finish, DIN 376



Size	No. Flutes	Shank dia. mm	Square Size mm	Overall Length mm	2B Approx. Limits	●	●	Order No.
						DIN 371 Series 2881	DIN 376 Series 2883	
4-40	3	3.500	2.700	56.000	H2/H3	○		2.845
5-40	3	3.500	2.700	56.000	H3/H4	○		3.175
6-32	3	4.000	3.000	56.000	H3/H4	○		3.505
8-32	3	4.500	3.400	63.000	H3/H4			4.166
10-24	3	6.000	4.900	70.000	H3/H4	○		4.826
12-24	3	6.000	4.900	80.000	H4/H5			5.486
1/4-20	3	7.000	5.500	80.000	H4/H5	○		6.350
5/16-18	3	8.000	6.200	90.000	H5/H6	○		7.938
3/8-16	3	10.000	7.000	100.000	H4/H5			9.525
7/16-14	3	8.000	6.200	100.000	H5/H6		○	11.113
1/2-13	3	9.000	7.000	110.000	H5/H6		○	12.700
5/8-11	3	12.000	9.000	110.000	H5/H6		○	15.875
3/4-10	4	14.000	11.000	125.000	H5/H6		○	19.050
7/8-9	4	18.000	14.500	140.000	H6/H7		○	22.225
1-8	4	18.000	14.500	160.000	H6/H7			25.400