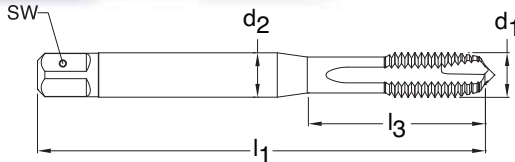


UNF



Series 3902
Standard ANSI
Tool Material HSS-E (Cobalt)
Spiral Point Straight flute
Chamfer Form B • 3.5 - 5
Class of Fit 2B



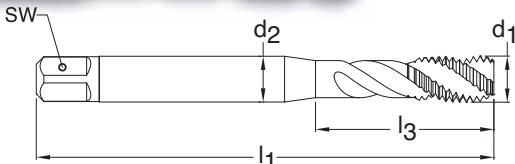
Through holes Bright finish External cooling

| d1 - P | H Limits | Tap Drill Range inch | Number of Flutes | d2 inch | SW inch | l1 inch | l3 inch | Order Code | EDP Number | Stock |
|---------|----------|----------------------|------------------|---------|---------|---------|---------|------------|---------------|-------|
| 4-48 | H2/H3 | 0.089 - 0.097 | 3 | 0.141 | 0.110 | 1.882 | 0.709 | 2.845 | 9039020028450 | ● |
| 5-44 | H2/H3 | 0.100 - 0.108 | 3 | 0.141 | 0.110 | 1.941 | 0.709 | 3.175 | 9039020031750 | ● |
| 6-40 | H2/H3 | 0.111 - 0.119 | 3 | 0.141 | 0.110 | 2.000 | 0.748 | 3.505 | 9039020035050 | ● |
| 8-36 | H2/H3 | 0.134 - 0.142 | 3 | 0.168 | 0.131 | 2.130 | 0.827 | 4.166 | 9039020041660 | ● |
| 10-32 | H3/H4 | 0.156 - 0.164 | 3 | 0.194 | 0.152 | 2.382 | 0.945 | 4.826 | 9039020048260 | ● |
| 12-28 | H3/H4 | 0.177 - 0.186 | 3 | 0.220 | 0.165 | 2.382 | 1.024 | 5.486 | 9039020054860 | ● |
| 1/4-28 | H3/H4 | 0.211 - 0.220 | 3 | 0.255 | 0.191 | 2.500 | 1.181 | 6.350 | 9039020063500 | ● |
| 5/16-24 | H3/H4 | 0.267 - 0.277 | 3 | 0.318 | 0.238 | 2.721 | 1.377 | 7.938 | 9039020079380 | ● |
| 3/8-24 | H3/H4 | 0.330 - 0.340 | 3 | 0.381 | 0.286 | 2.941 | 1.456 | 9.525 | 9039020095250 | ● |
| 7/16-20 | H4/H5 | 0.383 - 0.395 | 3 | 0.323 | 0.242 | 3.161 | N/A | 11.113 | 9039020111130 | ● |
| 1/2-20 | H4/H5 | 0.446 - 0.457 | 3 | 0.367 | 0.275 | 3.382 | N/A | 12.700 | 9039020127000 | ● |
| 9/16-18 | H4/H5 | 0.502 - 0.515 | 3 | 0.429 | 0.322 | 3.591 | N/A | 14.288 | 9039020142880 | ● |
| 5/8-18 | H4/H5 | 0.565 - 0.578 | 3 | 0.480 | 0.360 | 3.811 | N/A | 15.875 | 9039020158750 | ● |
| 3/4-16 | H5/H6 | 0.682 - 0.696 | 4 | 0.590 | 0.442 | 4.252 | N/A | 19.050 | 9039020190500 | ● |
| 7/8-14 | H6/H7 | 0.798 - 0.813 | 4 | 0.697 | 0.523 | 4.689 | N/A | 22.225 | 9039020222250 | ● |
| 1-12 | H6/H7 | 0.910 - 0.928 | 4 | 0.800 | 0.600 | 5.130 | N/A | 25.400 | 9039020254000 | ● |

UNF



Series 3905
Standard ANSI
Tool Material HSS-E (Cobalt)
Spiral Flute 40° Helix
Chamfer Form C • 2-3
Class of Fit 2B



Blind holes Bright finish 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 |
|---------|----------|----------------------|------------------|---------|---------|---------|---------|------------|---------------|-------|
| 4-48 | H2/H3 | 0.089 - 0.097 | 3 | 0.141 | 0.110 | 1.882 | 0.709 | 2.845 | 9039050028450 | ● |
| 5-44 | H2/H3 | 0.100 - 0.108 | 3 | 0.141 | 0.110 | 1.941 | 0.709 | 3.175 | 9039050031750 | ● |
| 6-40 | H2/H3 | 0.111 - 0.119 | 3 | 0.141 | 0.110 | 2.000 | 0.748 | 3.505 | 9039050035050 | ● |
| 8-36 | H2/H3 | 0.134 - 0.142 | 3 | 0.168 | 0.131 | 2.130 | 0.827 | 4.166 | 9039050041660 | ● |
| 10-32 | H3/H4 | 0.156 - 0.164 | 3 | 0.194 | 0.152 | 2.382 | 0.945 | 4.826 | 9039050048260 | ● |
| 12-28 | H3/H4 | 0.177 - 0.186 | 3 | 0.220 | 0.165 | 2.382 | 1.024 | 5.486 | 9039050054860 | ● |
| 1/4-28 | H3/H4 | 0.211 - 0.220 | 3 | 0.255 | 0.191 | 2.500 | 1.181 | 6.350 | 9039050063500 | ● |
| 5/16-24 | H3/H4 | 0.267 - 0.277 | 3 | 0.318 | 0.238 | 2.721 | 1.377 | 7.938 | 9039050079380 | ● |
| 3/8-24 | H3/H4 | 0.330 - 0.340 | 3 | 0.381 | 0.286 | 2.941 | 1.456 | 9.525 | 9039050095250 | ● |
| 7/16-20 | H4/H5 | 0.383 - 0.395 | 3 | 0.323 | 0.242 | 3.161 | N/A | 11.113 | 9039050111130 | ● |
| 1/2-20 | H4/H5 | 0.446 - 0.457 | 3 | 0.367 | 0.275 | 3.382 | N/A | 12.700 | 9039050127000 | ● |
| 9/16-18 | H4/H5 | 0.502 - 0.515 | 3 | 0.429 | 0.322 | 3.591 | N/A | 14.288 | 9039050142880 | ● |
| 5/8-18 | H4/H5 | 0.565 - 0.578 | 3 | 0.480 | 0.360 | 3.811 | N/A | 15.875 | 9039050158750 | ● |
| 3/4-16 | H5/H6 | 0.682 - 0.696 | 4 | 0.590 | 0.442 | 4.252 | N/A | 19.050 | 9039050190500 | ● |
| 7/8-14 | H6/H7 | 0.798 - 0.813 | 4 | 0.697 | 0.523 | 4.689 | N/A | 22.225 | 9039050222250 | ● |
| 1-12 | H6/H7 | 0.910 - 0.928 | 4 | 0.800 | 0.600 | 5.130 | N/A | 25.400 | 9039050254000 | ● |

"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.