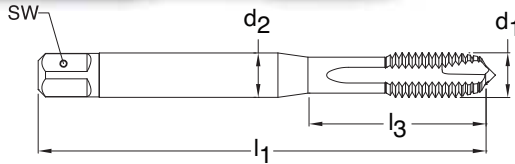
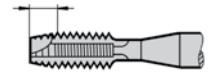


METRIC FINE



Series 3973
Standard ANSI
Tool Material HSS-E (Cobalt)
Spiral Point Straight flute
Chamfer Form B • 3.5 - 5
Class of Fit ISO 2(6H)



Through holes



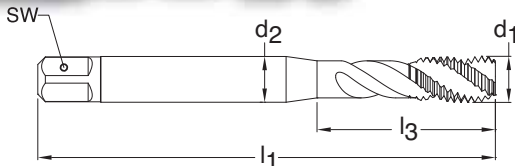
TiN coated



External cooling

| d1 - P | D Limits | Tap Drill Range mm | Number of Flutes | d2 inch | SW inch | l1 inch | l3 inch | Order Code | EDP Number | Stock |
|------------|----------|--------------------|------------------|---------|---------|---------|---------|------------|---------------|-------|
| M6 X 0.75 | D4/D5 | 5.188 - 5.378 | 3 | 0.255 | 0.191 | 2.500 | 1.181 | 6.004 | 9039730060040 | ● |
| M8 X 1.00 | D4/D5 | 6.917 - 7.153 | 3 | 0.318 | 0.238 | 2.721 | 1.377 | 8.005 | 9039730080050 | ● |
| M10 X 1.00 | D4/D5 | 8.917 - 9.153 | 3 | 0.381 | 0.286 | 2.941 | 1.378 | 10.005 | 9039730100050 | ● |
| M10 X 1.25 | D4/D5 | 8.647 - 8.912 | 3 | 0.381 | 0.286 | 2.941 | 1.535 | 10.006 | 9039730100060 | ● |
| M12 X 1.00 | D4/D5 | 10.917 - 11.153 | 4 | 0.367 | 0.275 | 3.382 | N/A | 12.005 | 9039730120050 | ● |
| M12 X 1.25 | D4/D5 | 10.647 - 10.912 | 4 | 0.367 | 0.275 | 3.382 | N/A | 12.006 | 9039730120060 | ● |
| M12 X 1.50 | D4/D5 | 10.376 - 10.676 | 4 | 0.367 | 0.275 | 3.382 | N/A | 12.007 | 9039730120070 | ● |
| M14 X 1.25 | D4/D5 | 12.647 - 12.912 | 4 | 0.429 | 0.322 | 3.591 | N/A | 14.006 | 9039730140060 | ● |
| M14 X 1.50 | D4/D5 | 12.376 - 12.676 | 4 | 0.429 | 0.322 | 3.591 | N/A | 14.007 | 9039730140070 | ● |
| M16 X 1.50 | D4/D5 | 14.376 - 14.676 | 4 | 0.480 | 0.360 | 3.811 | N/A | 16.007 | 9039730160070 | ● |
| M18 X 1.50 | D4/D5 | 16.376 - 16.676 | 4 | 0.542 | 0.406 | 4.032 | N/A | 18.007 | 9039730180070 | ● |
| M20 X 1.50 | D6/D7 | 18.376 - 18.676 | 4 | 0.652 | 0.489 | 4.469 | N/A | 20.007 | 9039730200070 | ● |
| M22 X 1.50 | D6/D7 | 20.376 - 20.676 | 4 | 0.697 | 0.523 | 4.689 | N/A | 22.007 | 9039730220070 | ● |
| M24 X 1.50 | D6/D7 | 22.376 - 23.676 | 4 | 0.760 | 0.570 | 4.910 | N/A | 24.007 | 9039730240070 | ● |

METRIC FINE



Series 3974
Standard ANSI
Tool Material HSS-E (Cobalt)
Spiral Flute 40° Helix
Chamfer Form C • 2-3
Class of Fit ISO 2(6H)



Blind holes



TiN coated



External cooling

| d1 - P | D Limits | Tap Drill Range mm | Number of Flutes | d2 inch | SW inch | l1 inch | l3 inch | Order Code | EDP Number | Stock |
|------------|----------|--------------------|------------------|---------|---------|---------|---------|------------|---------------|-------|
| M6 X 0.75 | D3/D4 | 5.188 - 5.378 | 3 | 0.255 | 0.191 | 2.500 | 1.181 | 6.004 | 9039740060040 | ● |
| M8 X 1.00 | D4/D5 | 6.917 - 7.153 | 3 | 0.318 | 0.238 | 2.721 | 1.377 | 8.005 | 9039740080050 | ● |
| M10 X 1.00 | D4/D5 | 8.917 - 9.153 | 3 | 0.381 | 0.286 | 2.941 | 1.377 | 10.005 | 9039740100050 | ● |
| M10 X 1.25 | D4/D5 | 8.647 - 8.912 | 3 | 0.381 | 0.286 | 2.941 | 1.535 | 10.006 | 9039740100060 | ● |
| M12 X 1.00 | D4/D5 | 10.917 - 11.153 | 3 | 0.367 | 0.275 | 3.382 | N/A | 12.005 | 9039740120050 | ● |
| M12 X 1.25 | D4/D5 | 10.647 - 10.912 | 3 | 0.367 | 0.275 | 3.382 | N/A | 12.006 | 9039740120060 | ● |
| M12 X 1.50 | D5/D6 | 10.376 - 10.676 | 3 | 0.367 | 0.275 | 3.382 | N/A | 12.007 | 9039740120070 | ● |
| M14 X 1.25 | D4/D5 | 12.647 - 12.912 | 3 | 0.429 | 0.322 | 3.591 | N/A | 14.006 | 9039740140060 | ● |
| M14 X 1.50 | D4/D5 | 12.376 - 12.676 | 3 | 0.429 | 0.322 | 3.591 | N/A | 14.007 | 9039740140070 | ● |
| M16 X 1.50 | D4/D5 | 14.376 - 14.676 | 4 | 0.480 | 0.360 | 3.811 | N/A | 16.007 | 9039740160070 | ● |
| M18 X 1.50 | D4/D5 | 16.376 - 16.676 | 4 | 0.542 | 0.406 | 4.032 | N/A | 18.007 | 9039740180070 | ● |
| M20 X 1.50 | D6/D7 | 18.376 - 18.676 | 4 | 0.652 | 0.489 | 4.469 | N/A | 20.007 | 9039740200070 | ● |
| M22 X 1.50 | D6/D7 | 20.376 - 20.676 | 4 | 0.697 | 0.523 | 4.689 | N/A | 22.007 | 9039740220070 | ● |
| M24 X 1.50 | D6/D7 | 22.376 - 23.676 | 4 | 0.760 | 0.570 | 4.910 | N/A | 24.007 | 9039740240070 | ● |

"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.