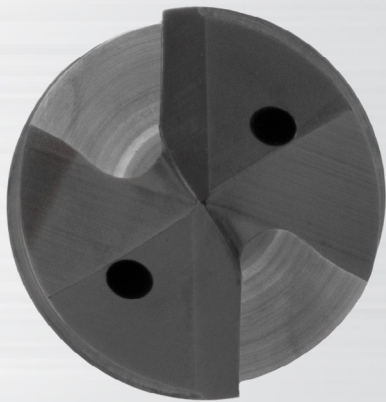


# PILOT DRILLS

**Application:** Improved accuracy and surface finish

**ISO Material Grades :** P M K N S



## 1. 150° Drill Point Design

Covers a wide range of drill points when a Pilot drill is required.

## 2. Single Margin

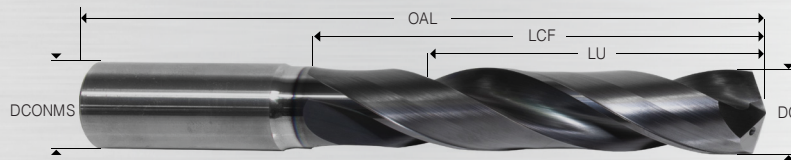
Reduces contact with surface hole limiting heat and preventing material hardening.

## 3. Varianta Supral Coating

Coating provides a low coefficient of friction, reducing drill wear.

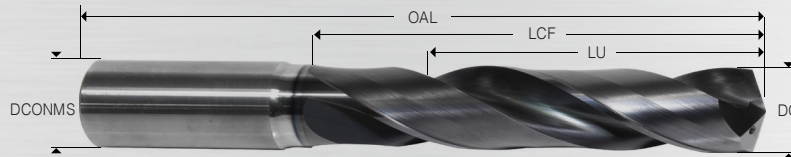
## 4. Available in 5xD

## 5. Recommended for Drills 16xD and Above.



| Item Description | **DC<br>Cutting Diameter |         |      | DCONMS | 5xD<br>Dimensions (mm) |                             |                          | Item<br>Number |
|------------------|--------------------------|---------|------|--------|------------------------|-----------------------------|--------------------------|----------------|
|                  | Fraction                 | Decimal | mm   |        | LU<br>Usable<br>Length | LCF<br>Length<br>Chip Flute | OAL<br>Overall<br>Length |                |
| PXC0502000T9     |                          | .0787   | 2.00 | 4      | 18                     | 21                          | 57                       | 4252506        |
| PXC0502100T9     |                          | .0827   | 2.10 | 4      | 18                     | 21                          | 57                       | 4252507        |
| PXC0502200T9     |                          | .0866   | 2.20 | 4      | 18                     | 21                          | 57                       | 4252508        |
| PXC0502300T9     |                          | .0906   | 2.30 | 4      | 18                     | 21                          | 57                       | 4252509        |
| PXC0502400T9     |                          | .0945   | 2.40 | 4      | 17                     | 21                          | 57                       | 4252510        |
| PXC0502500T9     |                          | .0984   | 2.50 | 4      | 17                     | 21                          | 57                       | 4252511        |
| PXC0502700T9     |                          | .1063   | 2.70 | 4      | 17                     | 21                          | 57                       | 4252512        |
| PXC0502800T9     |                          | .1102   | 2.80 | 4      | 17                     | 21                          | 57                       | 4252513        |
| PXC0503000T9     |                          | .1181   | 3.00 | 6      | 24                     | 28                          | 66                       | 9565691        |
| PXC0503100T9     |                          | .1220   | 3.10 | 6      | 24                     | 28                          | 66                       | 9565692        |
| PXC0503175T9     | 1/8                      | .1250   | 3.18 | 6      | 24                     | 28                          | 66                       | 9565695        |
| PXC0503200T9     |                          | .1260   | 3.20 | 6      | 24                     | 28                          | 66                       | 9565697        |
| PXC0503300T9     |                          | .1299   | 3.30 | 6      | 24                     | 28                          | 66                       | 9565698        |
| PXC0503400T9     |                          | .1339   | 3.40 | 6      | 23                     | 28                          | 66                       | 9565700        |
| PXC0503500T9     |                          | .1378   | 3.50 | 6      | 23                     | 28                          | 66                       | 9565705        |
| PXC0503572T9     | 9/64                     | .1406   | 3.57 | 6      | 23                     | 28                          | 66                       | 9565707        |
| PXC0503600T9     |                          | .1417   | 3.60 | 6      | 23                     | 28                          | 66                       | 9565708        |
| PXC0503700T9     |                          | .1457   | 3.70 | 6      | 23                     | 28                          | 66                       | 9565709        |
| PXC0500130T9     | #13                      | .1850   | 4.70 | 6      | 29                     | 36                          | 74                       | 9565686        |
| PXC0503800T9     |                          | .1496   | 3.80 | 6      | 31                     | 36                          | 74                       | 9565710        |
| PXC0503900T9     |                          | .1535   | 3.90 | 6      | 31                     | 36                          | 74                       | 9565713        |
| PXC0503970T9     | 5/32                     | .1563   | 3.97 | 6      | 31                     | 36                          | 74                       | 9565714        |
| PXC0504000T9     |                          | .1575   | 4.00 | 6      | 30                     | 36                          | 74                       | 9565715        |
| PXC0504100T9     |                          | .1614   | 4.10 | 6      | 30                     | 36                          | 74                       | 9565717        |
| PXC0504200T9     |                          | .1654   | 4.20 | 6      | 30                     | 36                          | 74                       | 9565718        |
| PXC0504300T9     |                          | .1693   | 4.30 | 6      | 30                     | 36                          | 74                       | 9565720        |
| PXC0504370T9     | 11/64                    | .1719   | 4.37 | 6      | 30                     | 36                          | 74                       | 9565721        |
| PXC0504400T9     |                          | .1732   | 4.40 | 6      | 30                     | 36                          | 74                       | 9565723        |
| PXC0504500T9     |                          | .1772   | 4.50 | 6      | 30                     | 36                          | 74                       | 9565724        |
| PXC0504600T9     |                          | .1811   | 4.60 | 6      | 30                     | 36                          | 74                       | 9565725        |
| PXC0504650T9     |                          | .1831   | 4.65 | 6      | 30                     | 36                          | 74                       | 9565727        |
| PXC0500060T9     | #6                       | .2040   | 5.18 | 6      | 37                     | 44                          | 82                       | 9565684        |
| PXC0500120T9     | #12                      | .1890   | 4.80 | 6      | 37                     | 44                          | 82                       | 9565685        |
| PXC0504760T9     | 3/16                     | .1875   | 4.76 | 6      | 37                     | 44                          | 82                       | 9565728        |
| PXC0504900T9     |                          | .1929   | 4.90 | 6      | 37                     | 44                          | 82                       | 9565731        |
| PXC0505000T9     |                          | .1969   | 5.00 | 6      | 37                     | 44                          | 82                       | 9565732        |
| PXC0505100T9     |                          | .2008   | 5.10 | 6      | 37                     | 44                          | 82                       | 9565733        |
| PXC0505160T9     | 13/64                    | .2031   | 5.16 | 6      | 37                     | 44                          | 82                       | 9565734        |
| PXC0505200T9     |                          | .2047   | 5.20 | 6      | 37                     | 44                          | 82                       | 9565736        |
| PXC0505300T9     |                          | .2087   | 5.30 | 6      | 37                     | 44                          | 82                       | 9565737        |
| PXC0505400T9     |                          | .2126   | 5.40 | 6      | 36                     | 44                          | 82                       | 9565738        |
| PXC0505500T9     |                          | .2165   | 5.50 | 6      | 36                     | 44                          | 82                       | 9565742        |
| PXC0505550T9     |                          | .2185   | 5.55 | 6      | 36                     | 44                          | 82                       | 9565743        |
| PXC0505560T9     | 7/32                     | .2187   | 5.56 | 6      | 36                     | 44                          | 82                       | 9565744        |
| PXC0505600T9     |                          | .2205   | 5.60 | 6      | 36                     | 44                          | 82                       | 9565745        |
| PXC0505700T9     |                          | .2244   | 5.70 | 6      | 36                     | 44                          | 82                       | 9565746        |
| PXC0505800T9     |                          | .2283   | 5.80 | 6      | 36                     | 44                          | 82                       | 9565747        |
| PXC0505900T9     |                          | .2323   | 5.90 | 6      | 36                     | 44                          | 82                       | 9565748        |
| PXC0505950T9     | 15/64                    | .2344   | 5.95 | 6      | 36                     | 44                          | 82                       | 9565749        |
| PXC0506000T9     |                          | .2362   | 6.00 | 8      | 36                     | 44                          | 82                       | 9565750        |
| PXC0506100T9     |                          | .2402   | 6.10 | 8      | 44                     | 53                          | 91                       | 9565751        |
| PXC0506200T9     |                          | .2441   | 6.20 | 8      | 44                     | 53                          | 91                       | 9565752        |
| PXC0506300T9     |                          | .2480   | 6.30 | 8      | 44                     | 53                          | 91                       | 9565753        |
| PXC0506350T9     | 1/4                      | .2500   | 6.35 | 8      | 44                     | 53                          | 91                       | 9565754        |
| PXC0506400T9     |                          | .2520   | 6.40 | 8      | 44                     | 53                          | 91                       | 9565755        |
| PXC0506500T9     |                          | .2559   | 6.50 | 8      | 44                     | 53                          | 91                       | 9565759        |
| PXC0506600T9     |                          | .2598   | 6.60 | 8      | 44                     | 53                          | 91                       | 9565763        |
| PXC0506700T9     |                          | .2638   | 6.70 | 8      | 43                     | 53                          | 91                       | 9565765        |
| PXC0506750T9     | 17/64                    | .2656   | 6.75 | 8      | 43                     | 53                          | 91                       | 9565766        |
| PXC0506800T9     |                          | .2677   | 6.80 | 8      | 43                     | 53                          | 91                       | 9565767        |
| PXC0506900T9     |                          | .2717   | 6.90 | 8      | 43                     | 53                          | 91                       | 9565768        |
| PXC0507000T9     |                          | .2756   | 7.00 | 8      | 43                     | 53                          | 91                       | 9565769        |
| PXC0507100T9     |                          | .2795   | 7.10 | 8      | 43                     | 53                          | 91                       | 9565771        |
| PXC0507140T9     | 9/32                     | .2813   | 7.15 | 8      | 43                     | 53                          | 91                       | 9565772        |
| PXC0507200T9     |                          | .2835   | 7.20 | 8      | 43                     | 53                          | 91                       | 9565773        |
| PXC0507300T9     |                          | .2874   | 7.30 | 8      | 43                     | 53                          | 91                       | 9565774        |
| PXC0507400T9     |                          | .2913   | 7.40 | 8      | 42                     | 53                          | 91                       | 9565775        |
| PXC0507500T9     |                          | .2953   | 7.50 | 8      | 42                     | 53                          | 91                       | 9565776        |
| PXC0507540T9     | 19/64                    | .2969   | 7.54 | 8      | 42                     | 53                          | 91                       | 9565777        |
| PXC0507700T9     |                          | .3031   | 7.70 | 8      | 42                     | 53                          | 91                       | 9565778        |
| PXC0507800T9     |                          | .3071   | 7.80 | 8      | 42                     | 53                          | 91                       | 9565779        |
| PXC0507900T9     |                          | .3110   | 7.90 | 8      | 42                     | 53                          | 91                       | 9565781        |
| PXC0507940T9     | 5/16                     | .3125   | 7.94 | 8      | 42                     | 53                          | 91                       | 9565782        |
| PXC0508000T9     |                          | .3150   | 8.00 | 10     | 41                     | 53                          | 91                       | 9565783        |

"Other Dimensions Are Available Upon Request"



| Item Description | **DC<br>Cutting Diameter |         |       | DCONMS | 5xD<br>Dimensions (mm) |                             |                          |                |
|------------------|--------------------------|---------|-------|--------|------------------------|-----------------------------|--------------------------|----------------|
|                  | Fraction                 | Decimal | mm    |        | LU<br>Usable<br>Length | LCF<br>Length<br>Chip Flute | OAL<br>Overall<br>Length | Item<br>Number |
| PXC0508100T9     |                          | .3189   | 8.10  | 10     | 49                     | 61                          | 103                      | 9565785        |
| PXC0508200T9     |                          | .3228   | 8.20  | 10     | 49                     | 61                          | 103                      | 9565787        |
| PXC0508300T9     |                          | .3268   | 8.30  | 10     | 49                     | 61                          | 103                      | 9565788        |
| PXC0508330T9     | 21/64                    | .3281   | 8.33  | 10     | 49                     | 61                          | 103                      | 9565789        |
| PXC0508400T9     |                          | .3307   | 8.40  | 10     | 49                     | 61                          | 103                      | 9565790        |
| PXC0508500T9     |                          | .3346   | 8.50  | 10     | 49                     | 61                          | 103                      | 9565791        |
| PXC0508600T9     |                          | .3386   | 8.60  | 10     | 49                     | 61                          | 103                      | 9565792        |
| PXC0508700T9     |                          | .3425   | 8.70  | 10     | 48                     | 61                          | 103                      | 9565793        |
| PXC0508730T9     | 11/32                    | .3437   | 8.73  | 10     | 48                     | 61                          | 103                      | 9565794        |
| PXC0508800T9     |                          | .3465   | 8.80  | 10     | 48                     | 61                          | 103                      | 9565795        |
| PXC0509000T9     |                          | .3543   | 9.00  | 10     | 48                     | 61                          | 103                      | 9565797        |
| PXC0509130T9     | 23/64                    | .3594   | 9.13  | 10     | 48                     | 61                          | 103                      | 9565798        |
| PXC0509200T9     |                          | .3622   | 9.20  | 10     | 48                     | 61                          | 103                      | 9565799        |
| PXC0509300T9     |                          | .3661   | 9.30  | 10     | 48                     | 61                          | 103                      | 9565800        |
| PXC0509500T9     |                          | .3740   | 9.50  | 10     | 47                     | 61                          | 103                      | 9565801        |
| PXC0509520T9     | 3/8                      | .3750   | 9.53  | 10     | 47                     | 61                          | 103                      | 9565803        |
| PXC0509600T9     |                          | .3780   | 9.60  | 10     | 47                     | 61                          | 103                      | 9565805        |
| PXC0509800T9     |                          | .3858   | 9.80  | 10     | 47                     | 61                          | 103                      | 9565807        |
| PXC0509900T9     |                          | .3898   | 9.90  | 10     | 47                     | 61                          | 103                      | 9565808        |
| PXC0509920T9     | 25/64                    | .3906   | 9.92  | 10     | 47                     | 61                          | 103                      | 9565809        |
| PXC0510000T9     |                          | .3937   | 10.00 | 12     | 47                     | 61                          | 103                      | 9565811        |
| PXC0510100T9     |                          | .3976   | 10.10 | 12     | 56                     | 71                          | 118                      | 9565813        |
| PXC0510200T9     |                          | .4016   | 10.20 | 12     | 56                     | 71                          | 118                      | 9565815        |
| PXC0510300T9     |                          | .4055   | 10.30 | 12     | 56                     | 71                          | 118                      | 9565816        |
| PXC0510320T9     | 13/32                    | .4063   | 10.32 | 12     | 56                     | 71                          | 118                      | 9565817        |
| PXC0510400T9     |                          | .4094   | 10.40 | 12     | 56                     | 71                          | 118                      | 9565818        |
| PXC0510500T9     |                          | .4134   | 10.50 | 12     | 56                     | 71                          | 118                      | 9565819        |
| PXC0510720T9     | 27/64                    | .4219   | 10.72 | 12     | 55                     | 71                          | 118                      | 9565820        |
| PXC0510800T9     |                          | .4252   | 10.80 | 12     | 55                     | 71                          | 118                      | 9565821        |
| PXC0511000T9     |                          | .4331   | 11.00 | 12     | 55                     | 71                          | 118                      | 9565822        |
| PXC0511100T9     |                          | .4370   | 11.10 | 12     | 55                     | 71                          | 118                      | 9565823        |
| PXC0511113T9     | 7/16                     | .4375   | 11.11 | 12     | 55                     | 71                          | 118                      | 9565824        |
| PXC0511200T9     |                          | .4409   | 11.20 | 12     | 55                     | 71                          | 118                      | 9565827        |
| PXC0511500T9     |                          | .4528   | 11.50 | 12     | 54                     | 71                          | 118                      | 9565828        |
| PXC0511510T9     | 29/64                    | .4531   | 11.51 | 12     | 54                     | 71                          | 118                      | 9565829        |
| PXC0511700T9     |                          | .4606   | 11.70 | 12     | 54                     | 71                          | 118                      | 9565830        |
| PXC0511800T9     |                          | .4646   | 11.80 | 12     | 54                     | 71                          | 118                      | 9565831        |
| PXC0511910T9     | 15/32                    | .4687   | 11.90 | 12     | 54                     | 71                          | 118                      | 9565833        |
| PXC0512000T9     |                          | .4724   | 12.00 | 14     | 54                     | 71                          | 118                      | 9565835        |
| PXC0512100T9     |                          | .4764   | 12.10 | 14     | 59                     | 77                          | 124                      | 9565836        |
| PXC0512200T9     |                          | .4803   | 12.20 | 14     | 59                     | 77                          | 124                      | 9565837        |
| PXC0512300T9     |                          | .4843   | 12.30 | 14     | 59                     | 77                          | 124                      | 9565838        |
| PXC0512303T9     | 31/64                    | .4844   | 12.30 | 14     | 59                     | 77                          | 124                      | 9565839        |
| PXC0512500T9     |                          | .4921   | 12.50 | 14     | 59                     | 77                          | 124                      | 9565840        |
| PXC0512600T9     |                          | .4961   | 12.60 | 14     | 59                     | 77                          | 124                      | 9565841        |
| PXC0512700T9     | 1/2                      | .5000   | 12.70 | 14     | 58                     | 77                          | 124                      | 9565842        |
| PXC0513000T9     |                          | .5118   | 13.00 | 14     | 58                     | 77                          | 124                      | 9565846        |
| PXC0513300T9     |                          | .5236   | 13.30 | 14     | 58                     | 77                          | 124                      | 9565848        |
| PXC0513490T9     | 17/32                    | .5313   | 13.50 | 14     | 57                     | 77                          | 124                      | 9565849        |
| PXC0513500T9     |                          | .5315   | 13.50 | 14     | 57                     | 77                          | 124                      | 9565851        |
| PXC0514000T9     |                          | .5512   | 14.00 | 16     | 56                     | 77                          | 124                      | 9565855        |
| PXC0514290T9     | 9/16                     | .5625   | 14.29 | 16     | 62                     | 83                          | 133                      | 9565857        |
| PXC0514500T9     |                          | .5709   | 14.50 | 16     | 62                     | 83                          | 133                      | 9565858        |
| PXC0515000T9     |                          | .5906   | 15.00 | 16     | 61                     | 83                          | 133                      | 9565860        |
| PXC0515500T9     |                          | .6102   | 15.50 | 16     | 60                     | 83                          | 133                      | 9565862        |
| PXC0515870T9     | 5/8                      | .6250   | 15.88 | 16     | 60                     | 83                          | 133                      | 9565865        |
| PXC0516000T9     |                          | .6299   | 16.00 | 18     | 60                     | 83                          | 133                      | 9565867        |
| PXC0516500T9     |                          | .6496   | 16.50 | 18     | 69                     | 93                          | 143                      | 9565868        |
| PXC0517000T9     |                          | .6693   | 17.00 | 18     | 68                     | 93                          | 143                      | 9565870        |
| PXC0517500T9     |                          | .6890   | 17.50 | 18     | 67                     | 93                          | 143                      | 9565871        |
| PXC0518000T9     |                          | .7087   | 18.00 | 20     | 66                     | 93                          | 143                      | 9565872        |
| PXC0518500T9     |                          | .7283   | 18.50 | 20     | 74                     | 101                         | 153                      | 9565873        |
| PXC0519050T9     | 3/4                      | .7500   | 19.05 | 20     | 73                     | 101                         | 153                      | 9565876        |
| PXC0519500T9     |                          | .7677   | 19.50 | 20     | 72                     | 101                         | 153                      | 9565879        |

"Other Dimensions Are Available Upon Request"