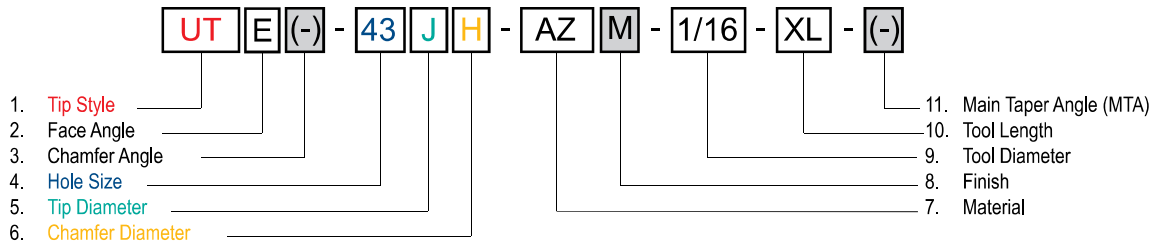


HOW TO ORDER - NON FINE PITCH SERIES



Note : (-) Specify if non-standard

1. **Tip Style :** UT - Standard capillary with Face Angle for non-Fine Pitch application

2. **Face Angle :** Z - 0° F - 4° S - 8° E - 11°

3. **Chamfer Angle :** Standard - 90° (no need to specify)

4. Hole Size

25 μm (.0010")
28 μm (.0011")
30 μm (.0012")
33 μm (.0013")
35 μm (.0014")
38 μm (.0015")
41 μm (.0016")
43 μm (.0017")
46 μm (.0018")
51 μm (.0020")
56 μm (.0022")
64 μm (.0025")
68 μm (.0027")
75 μm (.0030")
84 μm (.0033")
90 μm (.0035")
100 μm (.0039")
127 μm (.0050")
178 μm (.0070")

5. Tip Diameter

W = 70 μm (.0028")
Y = 75 μm (.0030")
Z = 80 μm (.0032")
A = 90 μm (.0035")
B = 100 μm (.0039")
C = 110 μm (.0043")
D = 120 μm (.0047")
E = 130 μm (.0051")
F = 140 μm (.0055")
G = 150 μm (.0059")
H = 165 μm (.0065")
I = 180 μm (.0071")
J = 200 μm (.0079")
K = 225 μm (.0089")
L = 250 μm (.0098")
M = 300 μm (.0118")
N = 190 μm (.0075")
P = 270 μm (.0106")
Q = 330 μm (.0130")
R = 360 μm (.0142")
S = 410 μm (.0161")
T = 420 μm (.0165")
U = 430 μm (.0169")
V = 710 μm (.0279")

6. Chamfer Diameter

A = 35 μm (.0014")
B = 41 μm (.0016")
C = 46 μm (.0018")
D = 51 μm (.0020")
E = 58 μm (.0023")
F = 64 μm (.0025")
G = 68 μm (.0027")
H = 74 μm (.0029")
I = 78 μm (.0031")
J = 86 μm (.0034")
K = 92 μm (.0036")
L = 100 μm (.0039")
M = 114 μm (.0045")
N = 127 μm (.0050")
P = 53 μm (.0021")
Q = 38 μm (.0015")
R = 43 μm (.0017")
S = 48 μm (.0019")
T = 97 μm (.0038")
U = 140 μm (.0055")
V = 152 μm (.0060")
W = 193 μm (.0076")
Y = 254 μm (.0100")

7. **Material :** AZ = Alumina Zirconia

8. **Finish :** Polish - No need to specify
Matte (M) - Must be specified

9. **Tool Diameter :** Standard - 1.587mm (.0625")

10. **Tool Length :** L = 9.53 mm (.375") 16mm = .630"
XL = 11.10 mm (.437") 19mm = .750"
XXL = 12.0 mm (.470")

11. Main Taper Angle (MTA)

UT series - Standard 30° (No need to specify)
Others - 20° (Must be specified)