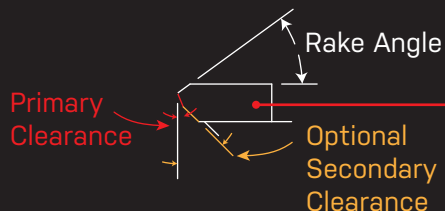
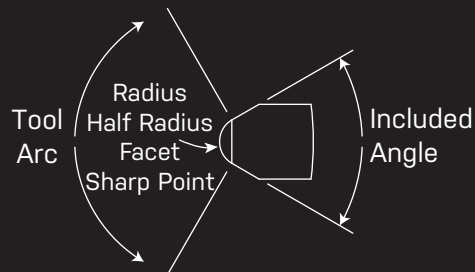


# OPTIMUS Tool Configurator



## Tool Geometry Code

**N-R0.50m WFCy 100-C4 40**

### Diamond Type

**N** Natural  
**M** Synthetic

### Full Radius [R]

R - 0.120 mm

### Half Radius [H]

H - 0.120 mm

### Facet Tool [F]

F - 0.120 mm

### Sharp Point [P]

P

### Rake Angle

F = + 20° C = - 30°  
E = + 10° X = - 35°  
J = + 5° B = - 40°  
K = + 2.5° Y = - 45°  
L = 0° Z = - 65°  
M = - 2.5°  
N = - 5°  
O = - 7.5°  
R = - 10°  
T = - 15°  
A = - 17°  
V = - 20°  
W = - 25°

### Primary Clearance

J = 5° K = 29°  
H = 7.5° A = 30°  
S = 8° Z = 35°  
G = 10° L = 37°  
F = 12.5° I = 40°  
T = 14° C = 45°  
E = 15° U = 60°  
V = 16°  
X = 17°  
W = 18°  
D = 20°  
B = 25°  
M = 28°

### Clearance Type

Cy = Cylindrical  
Co = Conical

### Tool Arc

1° - 170°

### Waviness

S = < 2.00µm  
C1 = < 1.00µm  
C2 = < 0.75µm  
C3 = < 0.50µm  
C4 = < 0.25µm  
C5 = < 0.20µm  
C6 = < 0.15µm  
C7 = < 0.10µm  
C8 = < 0.05µm  
C9 = < 0.03µm

### Optional Secondary Clearance

6° - 70°