



NOTES:

BODY MATERIAL IS C-1020 STEEL CARBIDE

INSERT SPECIFICATIONS:

WIDTH:  $0.5 \pm 0.005$  IN, HEIGHT:  $0.375 \pm 0.01$  IN, LENGTH: 1 IN NOMINAL  
COBALT 12.5 TO 13% TO 14.4 HARDNESS ROCKWELL "A" 87 TO 88.5  
TRANSVERSE RUPTURE: 350,000 PSI MIN

CERTIFICATION REQUIRED WITH BID

SPECIAL INSERT NEEDED TO OBTAIN OVERALL CARBIDE. LENGTH SHALL HAVE BE 0.75  
IN MIN AND 1.25 IN MAX.

ALL DIMENSIONS ARE IN INCHES.

DRAWN

LWB

12/22/2022

CHECKED

QA

MFG

APPROVED

PA DEPARTMENT OF TRANSPORTATION

TITLE

VALK V-401-0W SNOW PLOW CARBIDE  
WEAR SHOE SOLE

SIZE

A

DWG NO

EQN-1058

REV

SCALE

1 / 4

SHEET 1 OF 1