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AS6173™/3

FEDERAL SUPPLY CLASS  
5120

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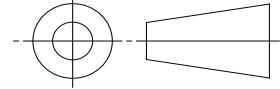
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS6173



## AEROSPACE STANDARD

CUTTING TOOL, ELECTRICAL, WIRE CUTTING WITH  
CURVED JAWS, HAND ACTUATED, TYPE I, WIRE  
SIZES 26 THROUGH 1/0

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## NOTICE

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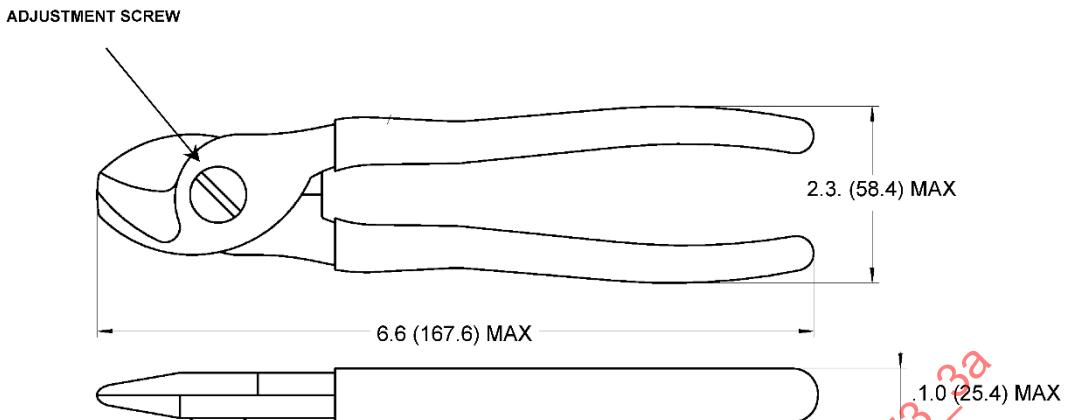


FIGURE 1 - BASIC WIRE CUTTER TOOL

### REQUIREMENTS:

#### 1. DESIGN:

OUTLINE CONFIGURATION OPTIONAL WITHIN MAXIMUM DIMENSIONS SHOWN FOR A CLOSED HANDLE POSITION.

WIRE CUTTER DESIGN MAY INCLUDE CURVED CUTTING AREA TO AID IN REDUCING THE OUT OF ROUNDNESS WHEN CUTTING LARGER SIZE WIRES.

WIRE CUTTER DESIGN MAY INCLUDE AN OPTIONAL ADJUSTMENT SCREW, WHICH CAN BE TIGHTENED USING A STANDARD SCREW DRIVER UNTIL HANDLES CLOSE WITH SLIGHT RESISTANCE IF LOOSE.

UNLESS OTHERWISE INDICATED, DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN PARENTHESES ARE METRIC EQUIVALENTS, PROVIDED FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MILLIMETERS.

#### 2. MATERIALS:

JAWS, CUTTER SURFACES AND HANDLES: HARDENED STEEL; HEAT TREAT ROCKWELL C52-56; OR EQUIVALENT.

GRIPS: PLASTIC OR EQUIVALENT (COLOR – OPTIONAL). GRIP MATERIAL TO REMAIN STABLE AT 200 °F FOR 2 HOURS AS DETERMINED BY DEFLECTION UNDER LOAD STABILITY MEASUREMENT DETERMINED BY ISO 75, ASTM D1525, OR ASTM D648.



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CURVED JAWS, HAND ACTUATED, TYPE I, WIRE  
SIZES 26 THROUGH 1/0

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SHEET 1 OF 2

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