

GGG-G-15C
 AMENDMENT-1
August 16, 1976

FEDERAL SPECIFICATION
GAGE BLOCKS AND ACCESSORIES
(INCH AND METRIC)

This amendment, which forms a part of Federal Specification GGG-G-15C, dated March 20, 1975, was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

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4.3.4 Delete and substitute:

"4.3.4 Burrs and raised edges. Each gage block shall be examined for burrs or raised edges by using the light box or interference viewer flatness inspection techniques with a 30-50 percent reflective coating on the reference optical flat. Partial hard coating of titanium dioxide on quartz flat is recommended for light box inspection where gage block and reference surface come in contact. A microinterferometer or low power interferometer which produces high contrast fringes may be used. Burrs or raised edges show up as colored spots with polychromatic light or sharp changes in fringe continuity. The entire set shall be rejected if more than two blocks have burrs on the gaging surfaces or raised edges exceeding one microinch or 0.25 micrometer."

MILITARY INTEREST:

Custodians:

Army - GL
 Navy - SH
 Air Force - 84

Review activities:

Army - GL
 Navy - SH
 Air Force - 34

User activities:

Army - ME, WC, CS, MU
 Navy - AS, OS, MC, YD

PREPARING ACTIVITIES:

GSA - 789
 OGA - NBS

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - 755
 COM - NBS

