

View Online at <https://aerobasegroup.com/nsn/1005-01-328-5882>

Inside Surface Treatment:

Chromium, qq-c-320, class 2a

Overall Length:

1143.0 millimeters

End Application:

RECO-IL-AMP-LIFI

Size Designation:

.50 caliber

Special Features:

Phosphate is not sand blasted or applied to internal surfaces supplemental oil treatment is applied after painting; paint is heat resistant per mil-std-193, color no. 15200 of fed-std-595, applied to specific external surfaces only; chromium plating is applied only to internal surfaces; no mechanical method for removal of chromium plate permitted; plating will produce a continually diminishing dia. Towards the muzzle, except that from the origin of rifling to within 102 mm. Of the muzzle; a variation of 0.025 from a continually diminishing dia. Is permissible and 0.013 variation is permissible over the remaining lg. Provided that resultant surfaces remain within dimensional limits for bore and groove dia.; heat treatment is to heat barrel and piston at 1550-1575 deg. F., oil quench, temper 1 hr. Min. To rockwell hardness rc 28-36; gas ports-holes are located within barrel rifling grooves

Material:

Steel, aisi 4150 and steel, aisi 4140

Material:

Steel comp 4150 and steel comp 4140

Material Specification:

Aisi 4150 assn standard 1st material response and aisi 4140 assn standard 2nd material response

Surface Treatment:

Phosphate manganese and paint

Surface Treatment:

Phosphate, mil-p-16232, type m, class 1 and painted

Type/model Designation:

M3

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T102-g