MATERIAL ORDERING DATA
QQ-N-286

Any specification that is referenced in this Material Order Data sheet is required to be to the latest revision at time of award.

IDN: **N4523A 6198-7900**

ICN: **88MSM00001** KO: **000** KOI: **000**

Paragraph 6.2 Ordering Data

A. TITLE: **NICKEL-COPPER-ALUMINUM ALLOY, WROUGHT (UNS N05500) QQ-N-286G, dated 07 DECEMBER 2000**

B. Form: **2** Condition: **ANNEALED & AGE HARDENED.** Surface finish: **HOT FINISHED**

C. Current issue of DODISS and individual documents referenced is to be cited.

D. Forging sketch required: **N/A**

E. Size required: **6" DIA.**

F. Product check analysis required: **Yes.**

G. When hardness measurements may be utilized for forged rings and discs: **N/A**

H. When tolerances other than those specified are permitted: **N/A**

I. Ultrasonic inspection is required.

J. Liquid penetration is test required.

K. The lengths required and whether cut-to-length, random mill lengths, nominal (stock) lengths, or multiples of specified lengths: **TWO - 10 FOOT LENGTHS**

L. If multiples of a specified length are ordered, whether a ¼ inch allowance should be made for each cut: **N/A**

M. If edges are other than specified: **N/A**

N. Forging dimensions: **N/A**

O. If marking should be other than specified: **PER THIS SPECIFICATION IN ADDITION TO CONTRACT REQUIREMENTS.**

P. When mechanical test are required for rod and bar intended for reforming: **PER SECTION 4.3.2**

Q. If mechanical testing is to be done on material ordered in the unaged condition, to demonstrate its capability of being aged to meet the required mechanical properties, and, if desired, the heat treating procedure to be used on the test specimens: **N/A**

R. The final heat treatment procedure to be used on the lot before being placed into service and on the slow strain rate tensile test specimens: **PER SECTION 4.3.6**

S. Slow strain rate tensile test is required. Slow strain rate tensile test shall be performed by one of the laboratories listed in the solicitation.

T. Packaging, packing, and marking requirements: **PER MIL-STD-129**

Additional Data Requirements:

Grade 500 (nickel-copper-aluminum) material shall comply with the Slow Strain Rate Tensile Test of QQ-N-286G, dated 7 Dec. 2000.

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All unit, intermediate and shipping containers must be marked in accordance with MIL-STD-129
Refer to DLA Procurement Note C20 for further instructions.

Prepared By: **Material and Technical Support Branch**

Code: **244.4**