

Cotter Pins, Extended Prong Type, ZnCr Coated

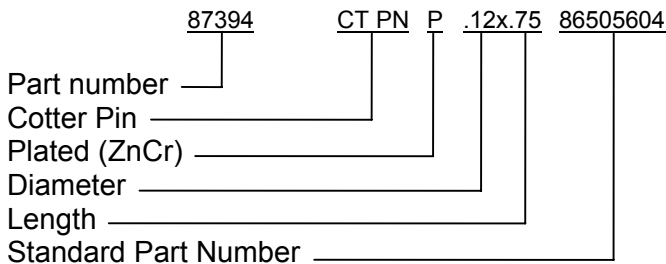
1. SCOPE

1.1 The fasteners defined by this specification are extended prong type cotter pins, ZnCr plated.

1.2 Plated pins are preferred.

2. DESIGNATION

2.1 Typical call-out on a drawing shall be:



NOTE: The above typical description is required for use in all company-wide computer generated documents. The description on hand drawn assembly drawings should follow the same practice.

2.2 Table 2 contains the preferred part numbers to be used in future designs. Table 3 lists the part numbers which are not preferred for use in future designs.

2.3 When requesting a new part number, refer to the instructions in standard 86505922 (FNHA-3-A-005.00).

3. RELATED SPECIFICATIONS

3.1 REFERENCE STANDARDS

FNHA-3-A-005.00 (86505922)—Assignment of Standard Part Numbers
 FNHA-2-H-500 (86508316)—Zinc Electroplating on Ferrous Surfaces
 ANSI/ASME B18.8.1—Cotter Pins

3.2 This standard replaces the following company standards:

New Holland	NA 2.04.1
Versatile	1-A-037

4. REQUIREMENTS

4.1 MATERIAL

Cotter pins shall be made from steel with the following chemical composition:

Carbon	0.15% maximum
Manganese	0.75% maximum
Phosphorus	0.04% maximum
Sulphur	0.05% maximum.

4.2 Plating

Dowel pins shall be gold Zinc Chromate (ZnCr). Electroplate per 86508316 (FNHA-2-H-500.25). Baking is not required for hydrogen embrittlement relief.

					NAME	STD COT PIN ZNCR		
								
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4.3 MECHANICAL REQUIREMENTS

The pins shall be ductile such that each prong of the pin can be bent back 180° once with no visible indication of fracture. Plating must not interfere with separation of prongs by normal spreading means.

4.4 MECHANICAL DIMENSIONS

The general dimensions shall meet the requirements in Table 1.

5. SUPPLIER RESPONSIBILITY

5.1 Suppliers shall perform the necessary test for sample approval for initial lots. After this approval, suppliers are not required to perform the specific tests, but ascertain that their product will conform to the specification limits. These specified requirements will be used to reconcile any disputed values.

5.2 All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to making of any changes in the properties, composition, construction, color, dimensions, processing or labeling of the material originally approved under this specification, the supplier shall notify purchasing and the affected standardization engineering activity of the proposed changes and obtain the written acknowledgement of the standardization engineering activity. Test data, test samples and a new identification code are to be submitted with the request.

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