FINISHES USED FOR SPECIAL PURPOSES

WSD-M21P19-A24
WSD-M21P19-A30
WSD-M21P19-A31

1. SCOPE

This specification identifies a commonly used hexavalent chromium free finish for special purposes, its performance requirement and the relevant Ford test procedure.

2. APPLICATION

The finish identified in this specification is intended for use on Worldwide Standard and Utility parts requiring a special finish not identified in the S300 series of finishes in Clause 6 of WX100. The S400 series of finishes has been designated for use in this specification, no other series shall be used.

3. GENERAL REQUIREMENTS

Note: The application of any finish defined in this specification invokes all applicable requirements of WX100 paragraph 5.

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

Part producers using this material in their products, must use Ford approved materials and must conform to a process control plan which has been approved by STA and/or the relevant Materials Activity.

3.2 FINISH REQUIREMENTS

WSD-M21P19-A24

S424 Refer to section WX100 in the Worldwide Fastener Standards Book for a description of this specification.

Refer to the Product Engineering Materials Approved Source List for approvals to this specification.

Date	Action	Revisions
2004 07 06	Revised	Revised Scope with Cr6+ free statement & rev 3.2; insert para 3.0, deleted para 3.1, 3.3 & 4; inactivate A22, A23 & A25; See Fastener Engr for replacement B. Burnside
1996 08 08	Revised	Revised; Inactivated -A21,26-29,32-35 S. Renko
1991 11 13	C10175600	Released BLF EAO; APC EM&S

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S430 Refer to section WX100 in the Worldwide Fastener Standards Book for a description of this specification.

Refer to the Product Engineering Materials Approved Source List for approvals to this specification.

WSD-M21P19-A31

S431 Refer to section WX100 in the Worldwide Fastener Standards Book for a description of this specification.

Refer to the Product Engineering Materials Approved Source List for approvals to this specification.

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