

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Medical OEM Implant Manufacture

Segment: 26 Fabricated Metal Products

Soil: Oil and drawing lube

Substrate: Stainless Steel

Description of Part(s): Round and square cross section stainless steel rods

Customer objective: The customer was looking to improve their cleaning performance and reduce rework and reject rate.

Cleaner used: 5% ArmaKleen™ 4 in 1 Cleaner

Machine used:

1. Agitating Immersion Washer (SK 81.8, Graymills T12, Graymills T24)
2. Spray Under Immersion Washer (Graymills T12, Graymills T24, SK 81.8 w/ SUI)

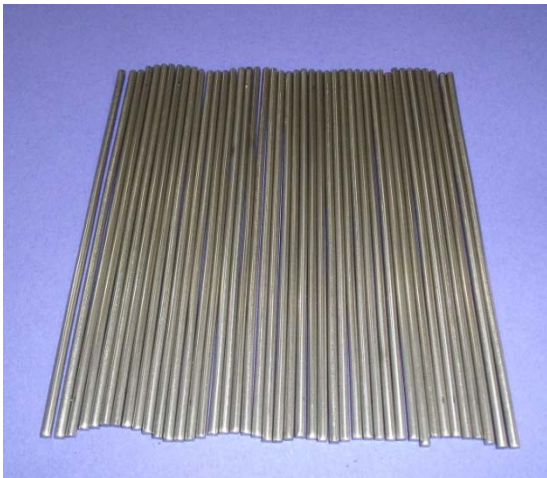
Temperature used: 160°F

Time required: 10 minutes – 2.5 hours

Post Cleaning: Deionized water rinse followed by air pressure drying.

Recommendation to Customer: The ArmaKleen Technical Center recommended using 5% by volume ArmaKleen™ 4 in 1 Cleaner at 160°F in a Spray Under Immersion Washer for a minimum of 45 minutes to 1 hour for the round cross section rods and for a minimum of 2 to 2.5 hours for the square cross section rods.

Before Picture



After Picture



Source: TSR #13-A-157