



11) **Non-Filling**

Chemical/Applicator Approval: **Both**

Post-Supplementary Treatment: **Suffix T, G, N**

Sample Size: **10 minimum**

Requirement: **Threaded parts must pass with the appropriate basic size GO thread gage. Threads may be produced undersize/oversize before coating to accommodate the coating, providing the finished product meets all specified mechanical requirements.**

Results (Pass/Fail):   N/A   Initials: \_\_\_\_\_

12) **Recess Fill Test (Additional test)**

Chemical/Applicator Approval: **Chemical**

Post-Supplementary Treatment: **Suffix T, G**

Sample Size: **10 minimum**

Requirement: **Apply plating to surrogate PN 11516629 (4.2 x 1.4 x 1.6 round large crown washer head screw with 1A cross recess, or equivalent). Perform recess test before and after plating to confirm that the recess dimensions are initially correct on unplated fasteners. Check the recess penetration depth, gage penetration depth, and wobble degrees per the drawing requirements (PN 11516629) on the plated parts. Refer to GM Standard Parts specification C200 for penetration gauging and C201 for wobble gauging instructions.**

Results (Pass/Fail):   N/A   Initials: \_\_\_\_\_

Sample	Recess Penetration Depth (mm)	Gage Penetration Depth (mm)	Wobble Limit (degrees)
Require.)	<b>2.31 – 2.77</b>	<b>1.90 – 2.36</b>	<b>10° max.</b>
1)			
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			
Average)			

13) **Corrosion Resistance, Neutral Salt Spray**

Chemical/Applicator Approval: **Both**

Post-Supplementary Treatment: **Suffix T, G, X, N**

Sample Size: **10 for 120hr, 10 for 240 hr**

Requirement: **Parts tested to GM4298P or ISO 9227 must meet the corrosion requirements on significant surfaces per GMW3044. These requirements are 240 hours with no red rust and 120 hours with no white corrosion. Submit color photos AND tested parts after 120hr and 240hr.**

#	No white corrosion after 120 hr (Pass / Fail)	No red rust after 240 hr (Pass / Fail)	#	No white corrosion after 120 hr (Pass / Fail)	No red rust after 240 hr (Pass / Fail)
1)	Pass	Pass	6)	Pass	Pass
2)	Pass	Pass	7)	Pass	Pass
3)	Pass	Pass	8)	Pass	Pass
4)	Pass	Pass	9)	Pass	Pass
5)	Pass	Pass	10)	Pass	Pass

Results (Pass/Fail):   Pass    
Initials:   RTI