

FORM 1 - PART NUMBER ACCOUNTABILITY

Sheet 1 of 5

1. Part Number: 26-101-01	2. Part Name: Weight Spacer Model 285g	3. Serial Number: 26-12571	4. FAIR Identifier: WO-26-0787
5. Part Revision Level: B	6. Drawing Number: 26-101	7. Drawing Revision Level: B	8. Additional Changes: n/a
9. Manufacturing Process Reference: WO-26-0787	10. Organization Name: Harley & Son	11. Supplier Code: 90210	12. Purchase Order Number: HS-26101-042
13. Detail: ☒ Assembly: ☐	14. Full FAI: ☒ Partial FAI: ☐ Baseline Part Number (including revision level): Reason for Full / Partial FAI:		
a) If the part number above is a detail part only, go to field 19. b) If the part number above is an assembly, go to the "INDEX" section below.			
INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.			
15. Part Number:	16. Part Name:	17. Part Type:	18. FAIR Identifier:
19. Does FAIR Contain a Documented Nonconformance(s)? Yes ☐ No ☐			
20. FAIR Verified By:			21. Date:
22. FAIR Reviewed/Approved By:			23. Date:
24. Customer Approval:			25. Date:
26. Comments:			

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FORM 2 - PRODUCT ACCOUNTABILITY - MATERIALS, SPECIAL PROCESSES, AND FUNCTIONAL TESTING

Sheet 2 of 5

1. Part Number: 26-101-01	2. Part Name: Weight Spacer Model 285g		3. Serial Number: 26-12571		4. FAIR Identifier WO-26-0787
5. Material or Process Name:	6. Specification Number:	7. Code:	8. Supplier:	9: Customer Approval Verification:	10. Certificate of Conformance Number:
Titanium alloy, Ti-6Al-4V, annealed	AMS 4928		Meridian Titanium & Specialty Metals, LLC	N/A	Heat V4471-2
Stress relieve	AMS 2801		Blue Ridge Thermal Processing, Inc.	N/A	BRT-26-1193
Titanium Anodize, Type 2	AMS 2488, Type 2		Lakeshore Surface Technologies Co.	N/A	LST-46082
11. Functional Test Procedure Number:			12. Acceptance Report Number:		
13. Comments:					

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FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

Sheet 3 of 5

1. Part Number: 26-101-01					2. Part Name: Weight Spacer Model 285g			3. Serial Number: 26-12571	4. FAIR Identifier: WO-26-0787
Characteristic Accountability					Inspection/Test Results				
5. Char. No.:	6. Reference Location:	7. Characteristic Designator:	8. Requirement:	GD&T	9. Results:	10. Designed/Qualified Tooling:	11. Nonconformance Number:	12. Additional Data/Comments:	
1	S1 B-2	Minor	Note 1: INTERPRET DRAWING PER ASME Y14.5-2009. 1. INTERPRET DRAWING PER ASME Y14.5-2009.						
2	S1 B-2	Minor	Note 2: MATERIAL: TITANIUM ALLOY Ti-6AL-4V BAR PER AMS 4928, ANNEALED CONDITION. 2. MATERIAL: TITANIUM ALLOY Ti-6AL-4V BAR PER AMS 4928, ANNEALED CONDITION.		PASS			Heat V4471-2	
3	S1 B-2	Minor	Note 3: STRESS RELIEVE PER AMS 2801 AFTER ROUGH MACHINING. 3. STRESS RELIEVE PER AMS 2801 AFTER ROUGH MACHINING.		PASS			BRT-26-1193	
4	S1 B-2	Minor	Note 4: ANODIZE PER AMS 2488, TYPE 2, ALL SURFACES AFTER FINAL MACHINING. 4. ANODIZE PER AMS 2488, TYPE 2, ALL SURFACES AFTER FINAL MACHINING.		PASS			LST-46082	
5	S1 B-2	Minor	Weight: 285.0 +/-2.0 g KEY 5. [KC] FINISHED MASS: 285.0 +/- 2.0 GRAMS, MEASURED AFTER FINAL FINISH.						
6	S1 B-2	Minor	Note 6: REMOVE ALL BURRS AND BREAK SHARP EDGES .005-.015. 6. REMOVE ALL BURRS AND BREAK SHARP EDGES .005-.015.						
7	S1 B-2	Minor	Surface Roughness: <= 63 µin 7. SURFACE ROUGHNESS 63 µIN Ra.						
8	S1 B-2	Minor	Note 8: DIMENSIONS APPLY AFTER SURFACE TREATMENT. 8. DIMENSIONS APPLY AFTER SURFACE TREATMENT.						

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FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

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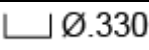
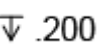
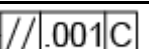
1. Part Number: 26-101-01					2. Part Name: Weight Spacer Model 285g			3. Serial Number: 26-12571	4. FAIR Identifier: WO-26-0787
Characteristic Accountability					Inspection/Test Results				
5. Char. No.:	6. Reference Location:	7. Characteristic Designator:	8. Requirement:	GD&T	9. Results:	10. Designed/Qualified Tooling:	11. Nonconformance Number:	12. Additional Data/Comments:	
9	S1 B-2	Minor	Note 9: IDENTIFY PER AS478, METHOD 9F (BAG AND TAG): 26-101-01 REV B, LOT NUMBER, AND CAGE CODE. DO NOT MARK PART. 9. IDENTIFY PER AS478, METHOD 9F (BAG AND TAG): 26-101-01 REV B, LOT NUMBER, AND CAGE CODE. DO NOT MARK PART.						
10	S1 A-2	Minor	Note 10: CERTIFICATIONS OF CONFORMANCE FOR RAW MATERIAL, STRESS RELIEF, AND ANODIZE REQUIRED WITH EACH SHIPMENT. 10. CERTIFICATIONS OF CONFORMANCE FOR RAW MATERIAL, STRESS RELIEF, AND ANODIZE REQUIRED WITH EACH SHIPMENT.						
11	S1 B-2	Minor	Linear Dimension: = .375 in REF (.375)		REFERENCE				
12	S1 B-1	Minor	Linear Dimension - Basic: .188 in .188		BASIC DIM				
13	S1 B-2	Minor	True Position: <= .002 in Diameter, At maximum material condition, Reference Datum A B C ⌀.002(M) A B C	⌀ .002(M) A B C					
14	S1 B-1	Minor	Profile of a Surface: <= .020 in Reference Datum A B C ⌒.020 A B C	⌒ .020 A B C					
15	S1 B-1	Minor	Diameter: .200 +/- .010 in THRU Ø.200 THRU						

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FORM 3 - CHARACTERISTIC ACCOUNTABILITY, VERIFICATION, AND COMPATIBILITY EVALUATION

Sheet 5 of 5

1. Part Number: 26-101-01					2. Part Name: Weight Spacer Model 285g			3. Serial Number: 26-12571	4. FAIR Identifier: WO-26-0787
Characteristic Accountability					Inspection/Test Results				
5. Char. No.:	6. Reference Location:	7. Characteristic Designator:	8. Requirement:	GD&T	9. Results:	10. Designed/Qualified Tooling:	11. Nonconformance Number:	12. Additional Data/Comments:	
16	S1 B-1	Minor	Counterbore Diameter: .330 +/- .010 in 						
17	S1 B-1	Minor	Counterbore Depth: .200 +/- .010 in 						
18	S1 B-1	Minor	Radius: .020 +/- .010 in 6 places 6X R.020						
19	S1 B-1	Minor	Linear Dimension - Basic: .344 in 		BASIC DIM				
20	S1 A-1	Minor	Linear Dimension: .350 +/- .003 in .350±.003						
21	S1 B-1	Minor	Linear Dimension: = .688 in REF (.688)		REFERENCE				
22	S1 B-1	Minor	Parallelism: <= .001 in Reference Datum C 	.001 C					

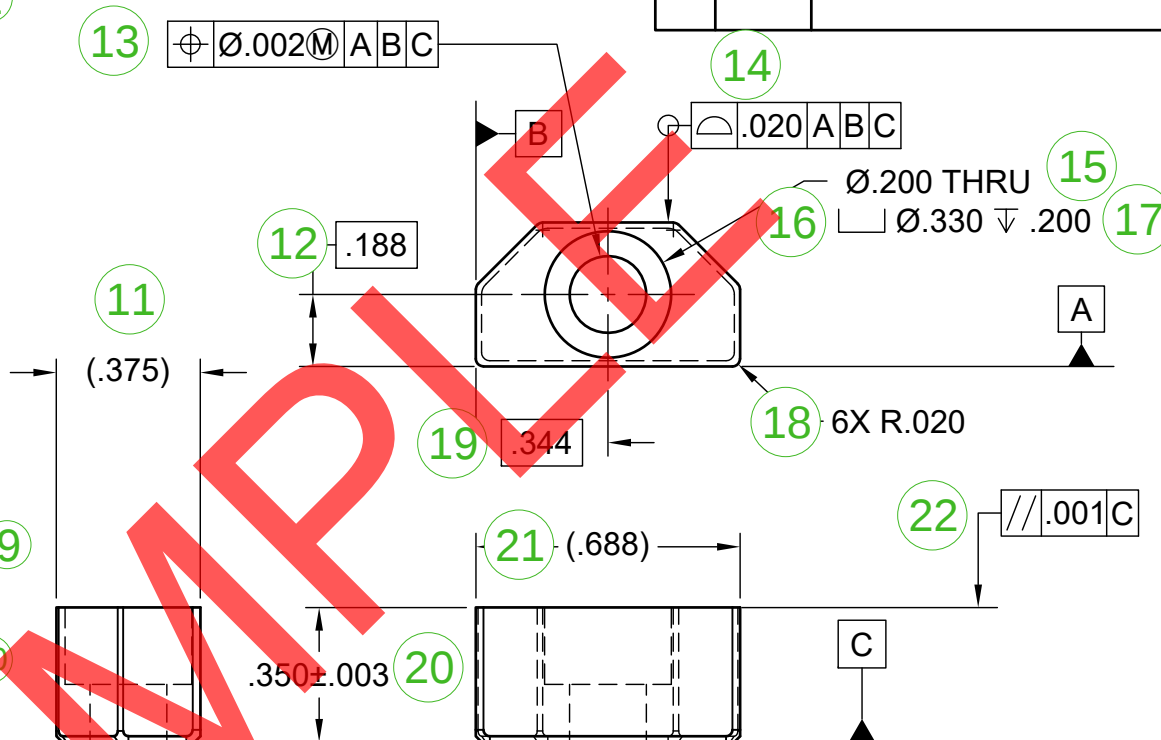
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NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-2009.
2. MATERIAL: TITANIUM ALLOY Ti-6AL-4V BAR PER AMS 4928, ANNEALED CONDITION.
3. STRESS RELIEVE PER AMS 2801 AFTER ROUGH MACHINING.
4. ANODIZE PER AMS 2488, TYPE 2, ALL SURFACES AFTER FINAL MACHINING.
5. [KC] FINISHED MASS: 285.0 ± 2.0 GRAMS, MEASURED AFTER FINAL FINISH.
6. REMOVE ALL BURRS AND BREAK SHARP EDGES .005–.015.
7. SURFACE ROUGHNESS 63 µIN Ra.
8. DIMENSIONS APPLY AFTER SURFACE TREATMENT.
9. IDENTIFY PER AS478, METHOD 9F (BAG AND TAG): 26-101-01 REV B, LOT NUMBER, AND CAGE CODE. DO NOT MARK PART.
10. CERTIFICATIONS OF CONFORMANCE FOR RAW MATERIAL, STRESS RELIEF, AND ANODIZE REQUIRED WITH EACH SHIPMENT.

REV	DATE	DESCRIPTION
A	1/21/25	Initial Release
B	2/26/25	Add fillet on one end



PART NUMBER
26-101-01



Unless otherwise specified,
dimensions are in inches.

Tolerances:

.xxx	.xx	.x	x°
±.010	±.03	±.03	±0.5°

PROJECT

BPA

TITLE

Weight Spacer
Model 285g

APPROVED IS	1/23/25	SIZE	CODE	DWG NO	REV
CHECKED FA	1/22/25	A	3FEE1	26-101	B
DRAWN LS	1/21/25	SCALE NTS	WEIGHT	SHEET 1/1	

MERIDIAN TITANIUM & SPECIALTY METALS, LLC

Premium melt titanium bar and billet
4820 Alloy Parkway, Canton, OH 44720 - (330) 555-0184 - quality@meridianti.example

CERTIFIED MATERIAL TEST REPORT

CMTR No.:	MTC-260514-88	Date:	2025-05-14
Customer:	Harley & Son	PO No.:	HS-26101-042
Heat No.:	V4471-2	Lot No.:	L-88213
Product:	Ø3.250" round bar, centerless ground	Qty:	1 bar x 72 in.
Alloy:	Ti-6Al-4V	Condition:	Annealed
Specification:	AMS 4928 (latest rev.)	Melt:	Triple VAR

CHEMICAL ANALYSIS (wt %)

Al	V	Fe	O	C	N	H	Y	Ti
6.12	4.02	0.16	0.17	0.02	0.008	0.0041	<0.001	Bal.

MECHANICAL PROPERTIES (room temperature, longitudinal)

Test	UTS (ksi)	0.2% YS (ksi)	Elong (%)	RA (%)
Result	141.5	132.0	15	38
AMS 4928 min	130	120	10	25

CERTIFICATION

We hereby certify that the material described above was melted and manufactured in the United States of America, and has been inspected and tested in accordance with AMS 4928 and the requirements of the purchase order, and conforms to those requirements. Specialty metals comply with DFARS 252.225-7009. Material is free of mercury contamination. Test reports are on file and available for review. This report shall not be reproduced except in full without the written approval of Meridian Titanium & Specialty Metals, LLC.

D. Whitfield - Director of Quality

Date: 2025-05-14

BLUE RIDGE THERMAL PROCESSING, INC.

Vacuum and controlled-atmosphere heat treating - Accreditation No. HT-7741 (fictional)
112 Furnace Road, Asheville, NC 28806 - (828) 555-0139 - certs@brthermal.example

CERTIFICATE OF CONFORMANCE - HEAT TREATMENT

Cert No.:	BRT-26-1193	Date:	2025-06-18
Customer:	Harley & Son	PO No.:	HS-26101-042
Part No.:	26-101-01 Rev B	Drawing:	26-101 Rev B
Part Name:	WEIGHT SPACER - MODEL 285G	Qty:	3 pcs
Cust. Lot:	WO-26-0787	Material:	Ti-6Al-4V, Heat V4471-2

PROCESS PERFORMED

Process	Specification	Temperature	Time	Atmosphere
Stress Relief	AMS 2801	1000°F ± 15°F	2.0 h	Argon

Furnace:	BR-V2 (vacuum/argon)	Load No.:	26-0442
Pyrometry:	AMS 2750 compliant	Instr. Class:	Class 2, Type B
Cooling:	Argon cool to < 500°F	Post-HT insp.:	Visual - accept

CERTIFICATION

We certify that the parts listed above were processed in accordance with AMS 2801 and applicable purchase order requirements, using furnaces and instrumentation maintained per AMS 2750. Process records, charts, and pyrometry data are on file and available for review. No weld repair, straightening, or other operations were performed.

M. Okafor - Quality Manager

Date: 2025-06-18

LAKESHORE SURFACE TECHNOLOGIES CO.

Anodizing, conversion coating, and passivation - Accreditation No. CP-5528 (fictional)
77 Harbor Industrial Drive, Erie, PA 16507 - (814) 555-0166 - qa@lakeshoresurf.example

CERTIFICATE OF CONFORMANCE - TITANIUM ANODIZE

Cert No.:	LST-46082	Date:	2025-06-24
Customer:	Harley & Son	PO No.:	HS-26101-042
Part No.:	26-101-01 Rev B	Drawing:	26-101 Rev B
Part Name:	WEIGHT SPACER - MODEL 285G	Qty:	3 pcs
Cust. Lot:	WO-26-0787	Process Lot:	AN-26-2214

PROCESS PERFORMED

Process	Specification	Type	Coverage	Result
Titanium Anodize	AMS 2488	Type 2	All surfaces	Accept

Appearance:	Uniform matte gray-blue	Adhesion:	Tape test - accept
Masking:	None required	Post-process:	DI rinse, dry

CERTIFICATION

We certify that the parts listed above were processed in accordance with AMS 2488 Type 2 and applicable purchase order requirements, and conform to those requirements. Solution analysis and process control records are on file and available for review. Parts were handled with titanium-compatible fixturing; no embrittling operations were performed.

R. Castellanos - Quality Assurance Lead

Date: 2025-06-24