| DOCUMENT NUMBER: | TITLE: | |
|------------------|-------------------------------|--------|
| SCM100111 | First Article Inspection Form | Drooke |
| REVISION: J | DOCUMENT CLASSIFICATION: | DIOUKS |
| DCO# DCO005545 | 04-Form, Template or Other | |

1 PURPOSE

Suppliers to fill out and submit the attached form with all required documentation for every FAI lot.

2 REFERENCE DOCUMENTS, FORMS

| Internal Document References - Reference the related procedures and work instruction documents that explain how to use this form (if applicable). | | | |
|---|-----|--|--|
| Document Number Document/Form Name | | | |
| N/A | N/A | | |

3 DETAILS

3.1 Supplier must check each box on the attached form and provide all required documentation.

4 RECORD RETENTION

| The following records are generated from this process. | | | | |
|---|--|--|--|--|
| TYPE OF RECORD ABBREVIATION WHERE RETAINED | | | | |
| FAI Form FAI Agile | | | | |
| For Control and Retention of Quality Records, see QMS101517 | | | | |

| Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks. | | | |
|---|---|---------------------------|--|
| Template Number: QMS100317 | Template Name: 02-QMS Procedures Template | Template Rev: F | |
| Date Printed: Wednesday, April 2, 2025 | This is uncontrolled when printed | PAGE 1 OF 4 | |

| DOCUMENT NUMBER: | TITLE: | |
|------------------|-------------------------------|--------|
| SCM100111 | First Article Inspection Form | Drooke |
| REVISION: J | DOCUMENT CLASSIFICATION: | DIOUKS |
| DCO# DCO005545 | 04-Form, Template or Other | |

| Supplier Information | | | | | |
|--|---|---------------|---|------------------------------------|------------------------------|
| Supplier | r Name: Supplier Location: Supplie | | Supplie | r Phone #: Supplier email: | |
| Wuxi Sh | aoneng | Wuxi China | +86 510 | 85580205 | bian.xiang@shaofanggroup.com |
| | Part Number | r Information | | | Reason for Submission |
| Part Number: | 642832 | | | ⊠ New Pa | rt / Part Number Change |
| Part Revision: | A | | | ☐ Engine | ering Rev. Change |
| | | | ☐ Change in Part Processing | | in Part Processing |
| | COVER, BANDS, FOREARM, UPPER ARM, | | ☐ OEM Part rev. Changes | | |
| Part | | | ☐ Sub-tier Supplier Change | | |
| Description: | ITRX | | | ☐ Change in Manufacturing Location | |
| | | | | ☐ Other (p | please specify) |
| PO Number: | Number: BAI9015504 ☐ Part is manufactured from a Solid Model and PSI | | manufactured from a Solid Model and PSD | | |
| Unle | Unless otherwise stated, the FAI documents, listed below, are required for all FAI submissions. | | | | |
| Please mark "X" in each box accordingly. Any questions? Please ask your Purchasing or Quality Representative at Brooks Automation | | | | | |

| disclosed to others without prior written permission from Brooks. Template Number: QMS100317 Template Name: 02-QMS Procedures Template Template Rev: F | | |
|---|-----------------------------------|---------------------------|
| Date Printed: Wednesday, April 2, 2025 | This is uncontrolled when printed | PAGE 2 OF 4 |

| DOCUMENT NUMBER: | TITLE: | |
|------------------|-------------------------------|--------|
| SCM100111 | First Article Inspection Form | Drooke |
| REVISION: J | DOCUMENT CLASSIFICATION: | DIOUKS |
| DCO# DCO005545 | 04-Form, Template or Other | |

| Compulsory Quality Requirements | |
|---|---|
| for all First Articles | |
| ⊠ First Article Inspection Form (This form completed) | |
| ⊠ Supplier's Certificate of Conformance including one for hardware on Company Letterhead | |
| ⊠ "Bubbled" Dimensional Drawing and/or BOM. Bubble sequence starting at note 1 and numbered in clockwise direction for each feature or view. | |
| ☐ FAI(s) for "Make to Print" parts listed on Brooks' BOM | Is this a CRITICAL PART? YES ☐ NO⊠ (Mandatory Response) |
| ⊠ Final Inspection Data Sheet Report including measurement device type, ID#, and calibration due dates ■ The sheet Report including type in the sheet Report including type including type in the sheet Report in the she | (Please refer to Drawings and /or Purchase Order) |
| | Note: All "CRITICAL PARTs" will require the following documents! |
| DIOOKS TOTTI #QIVIS TOO TO? | ☐ POR (Process of Record) Brooks' form #SCM100112 |
| ☑ Pictures of one part for FAI package with copy retained at supplier site. Color pictures required of top, bottom, all | ☐ PCP (Process Control Plan) Brooks' form #SCM100113 |
| sides, part marking, silk screening, sealing surfaces (if applicable), part in labeled closed/sealed packaging per applicable SCM100022 section, and packed in box with | ☐ Critical Part Data for Key Features on Drawing, if applicable Statistical data such as normality, Cp, and CPK. Required |
| protective packaging. Pictures taken must be in proper | ☐ Gage R&R |
| lighting and must be expandable. Mandatory | ☐ Process Failure Mode Effects Analysis |
| | POR/PCP is currently: |
| Approved SIAR(s), if applicable | - □ Final |
| ☐ Test Records and Data, if applicable | ☐ Still Under Development/Preliminary |
| Special Certificates of Conformance, if applicable | Note: It is acceptable to submit an Under Development/Preliminary POR/PCP. |
| ⊠ Certificate of Conformance for Raw Materials | ☐ This FAI submittal was produced on the production line. |
| ☐ Certificate of Conformance for Special Processes Examples: Plating, Painting, Coating, Welding, etc. | Brooks' Supplier Quality conducts periodic reviews of the POR/PCP. |
| For adding/changing Electrical Device or Assembly: | |
| ☐ Add Data sheet | |
| ☐ Test Report comparison of old and new | |
| For adding/changing Epoxy: | |
| ☐ Data sheet | |
| ☐ Temperature comparison of old and new | |
| ☐ Life expectancy comparison of old and new | |

| | Date Printed: Wednesday, April 2, 2025 | This is uncontrolled when printed | PAGE 3 OF 4 | |
|----------------------------|---|---|-----------------|--|
| Template Number: QMS100317 | | Template Name: 02-QMS Procedures Template | Template Rev: F | |
| | Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks. | | | |

| DOCUMENT NUMBER: | TITLE: | |
|------------------|-------------------------------|--------|
| SCM100111 | First Article Inspection Form | Drooke |
| REVISION: J | DOCUMENT CLASSIFICATION: | DIOUKS |
| DCO# DCO005545 | 04-Form, Template or Other | |

| Certificate of Conformance. | | | | | | |
|---|---------------------------|------------|----------|--|--|--|
| "We have reviewed the requirements of this First Article and certify that the sample submitted meets all Industry, Regulatory, Brooks' Workmanship Standards and specified requirements as noted by Brooks' Drawings and Purchase Order" and was produced on the production line. | | | | | | |
| EXPLANATION/COMMENTS: | EXPLANATION/COMMENTS: N/A | | | | | |
| Print Name | Title: | Signature: | Date: | | | |
| Yu Wei | Quality Manager | Ju wei | 2025/4/2 | | | |
| Supplier Instructions: MANDATORY: E-mail this form, SCM 1000111, and other applicable documents to the appropriate e-mail address. E-mail in .pdf format to FirstArticle@Brooks.com Any questions? Please ask your Purchasing or Quality Representative at Brooks Automation. | | | | | | |
| FOR BROOKS USE ONLY | | | | | | |
| Results: Rejected (note NMR case# if rejected): | | | | | | |
| Comments: | | | | | | |
| Inspector: Date: | | | | | | |

| Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks. | | | | |
|---|---|-----------------|--|--|
| Template Number: QMS100317 | Template Name: 02-QMS Procedures Template | Template Rev: F | | |

Date Printed: Wednesday, April 2, 2025 This is uncontrolled when printed PAGE 4 OF 4



CERTIFICATE OF CONFORMANCE

| Customer | : Brooks |
|----------|----------|
| | |

Purchase Order Number : BAI9015504

Date : 4/2/2025

Part Number : <u>642832Rev. A</u>

Part Description : COVER, BANDS, FOREARM, UPPER ARM, ITRX

Quantity : 5

: NONE

Quality Inspection/ Test Data (Separate Files Attached)

PLEASE SEE ATTACHED FILES

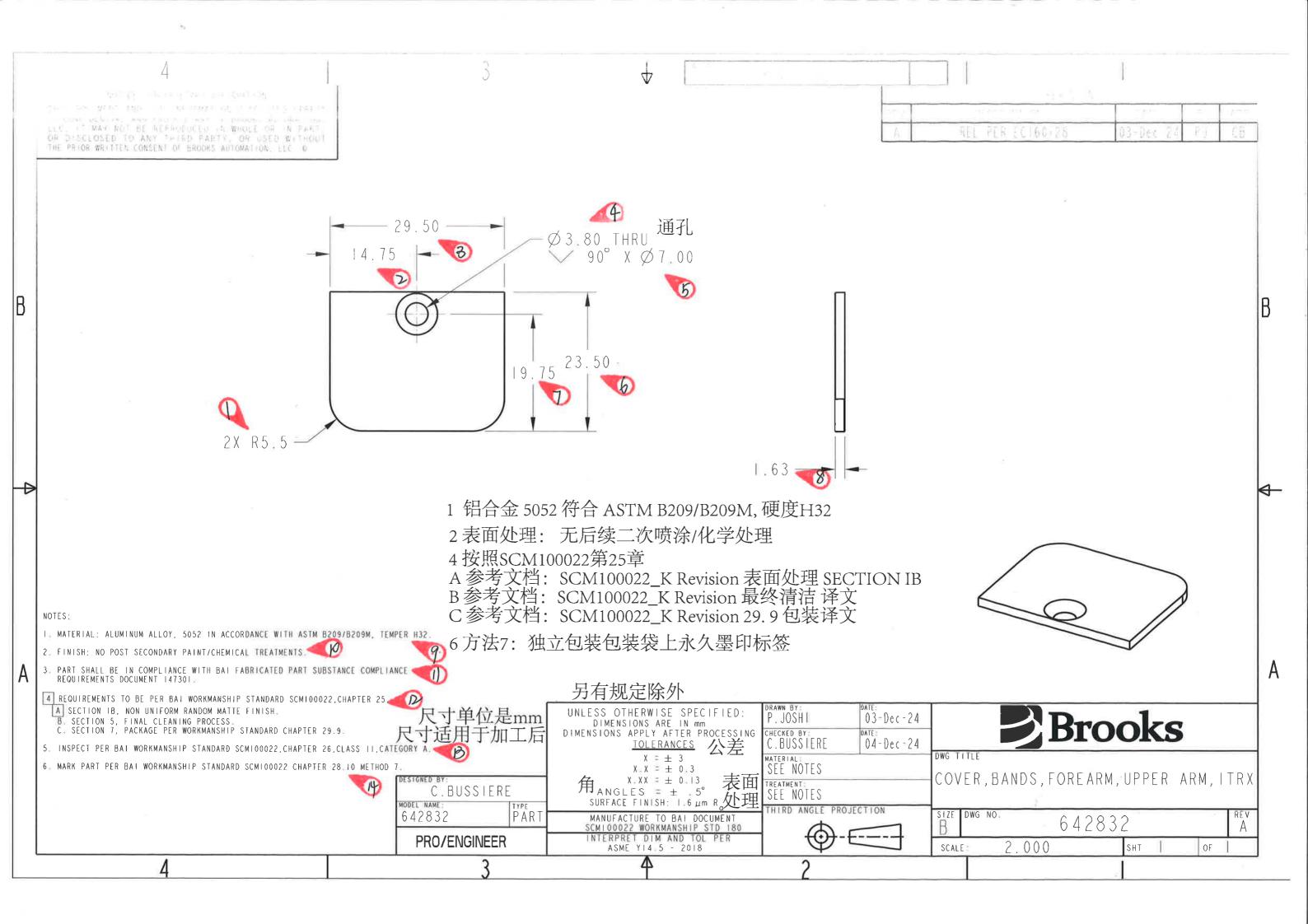
This is to certify that the quantity of part(s) or material(s) described above is manufactured in accordance with applicable specifications and in compliance with all specified requirements.

It is certified that quality inspection and / or tests have been performed as required to assure product conformance with applicable specifications

(Signature)

yu wer

Title: Quality Manager Print Name: Yu Wei



尺寸检测报告 Dimension Inspection Report

| | | | | | | | • | | | | Α |
|------------------|--|---|-------------------|---------------------------|------------------------|-----------------|-----------|----------------------|-----------|----------|------------------|
| 产品图号 P/N | 642832 | | | 图纸版本号 Version | , | 4 | | 丁单号)# | | BA | N9015504 |
| 产品名称 Desc. | COVER,BANDS,FOREARM,UPPER ARM, ITRX | | | 材料/规范 Mat./Criteria | 50 | 52 | | 员/日期 or /Date | | Wang Yar | ng Yang 2025/4/2 |
| 报告类属 Category | ■样件 □小批 Sample Pre- | | 量产 ass | 重量/KG Weight | / 质量工程师/日期 QE /Date | | | Xue Yan Fei 2025/4/2 | | | |
| 序号 NO. | 检测尺寸 Dimision& | | | 检验方法 Methodology | 1# | 实 2 # | 测值 Actu | ıal Dimens 4# | ion 5# | | 说明 Comments |
| 1 | R5.5 | +0.30 | -0.30 | 投影仪 Profile projector | OK | OK | ОК | ОК | OK | | ОК |
| 2 | 14.75 | +0.13 | -0.13 | 投影仪 Profile projector | 14.74 | 14.75 | 14.75 | 14.76 | 14.74 | | ОК |
| 3 | 29.50 | +0.13 | -0.13 | 投影仪 Profile projector | 29.48 | 29.47 | 29.47 | 29.48 | 29.49 | | ОК |
| 4 | φ3.80 | +0.13 | -0.13 | 投影仪 Profile projector | 3.79 | 3.81 | 3.82 | 3.84 | 3.83 | | OK |
| 5 | φ7.00 | +0.13 | -0.13 | 卡尺 Caliper | 6.94 | 6.92 | 6.98 | 6.98 | 9.96 | | ОК |
| 6 | 23.50 | +0.13 | -0.13 | 投影仪 Profile projector | 23.49 | 23.48 | 23.47 | 23.49 | 23.48 | | ОК |
| 7 | 19.75 | +0.13 | -0.13 | 投影仪 Profile projector | 19.76 | 19.75 | 19.74 | 19.78 | 19.76 | | OK |
| 8 | 1.63 | +0.13 | -0.13 | 卡尺 Caliper | 1.58 | 1.57 | 1.59 | 1.58 | 1.57 | | OK |
| 9 | | ALUMINUMALLOY,5052 IN ACCORDANCE H ASTM B209/B209M,TEMPER H32 | | Material Certification | OK | ОК | ОК | OK | ОК | | ОК |
| 10 | | SECONDARY PAINT/CHEMICAL TREATMENTS. | | Acknowledged | OK | ОК | ОК | ОК | ОК | | ОК |
| 11 | PART SHALL BE IN CO FABRICATED PART SUE REQUIREMENTS D | STANCE COMP OCUMENT 1473 | PLIANCE 301. | Acknowledged | OK | ОК | ОК | ОК | ОК | | ОК |
| 12 | SCMI00022 (A SECTION IB,NON UNIFOR B.SECTION5,FINAL (| REQUIREMENTS TO BE PER BAI SPECIFICATION NO SCMIOO22 CHAPTER 25, A SECTION IB,NON UNIFORM RANDOM MATTE FINISH B.SECTION5,FINAL CLEANING PROCESS C.SECTION 7.PACKAGE PER WORKMANSHIP | | | ОК | OK | ОК | ОК | ОК | | ОК |
| 13 | INSPECT PER BAI WOR SCMI00022,CHAPTER 26 | KMANSHIP STA | | Acknowledged | OK | OK | OK | OK | OK | | ОК |
| 14 | MARK PART PER BAI WO SCMI00022 CHAPTE | | | 目检 Visual Inspection | ОК | ОК | ОК | ОК | ОК | | ОК |
| ACS5054 | | | Profile projector | | | | 2025/12/9 | | | | |
| 202231125 | | | Ca | lliper | | | | 2026/3/17 | | | |
| | 4808520082 | | | Sq | uare | | | | | 2 | 026/3/17 |
| | 177332 | | | Angl | e ruler | | | | | 2 | 026/3/25 |
| SF007 | | | | R gage | | | | 2 | 026/3/17 | | |



明泰铝业产品质量证明书



MING TAI AL. PRODUCT QUALITY CERTIFICATE

| 江化 | | | | | | | | | | 编 号: | | | | |
|---------------------------|---------|---------------|------------|---------------------------------------|-----------|-------|----------------|---------------|------------|-----------------------|----------------------|-----------|------|----|
| 订货单位 | 苏州昂• | | | | 属有限公 | 司 | | | | ,,,, | | MT24121 | .973 | |
| Customer | | 批 号 合金状态 | | | | | Serial No: | | | | | | | |
| 产品名称 | 号 | É | 合金状态 规格(㎜) | | | | | | | | | | | |
| Product | | Lot | No | Allo | y And Te | mper | | | | Dime | nsion | | | |
| 铝板/铝带 | † YI | RA2411N | 156192 | | 5052 H32 | 2 | | | | 1. 6*12 | 50. 0*C | | | |
| 技 | 术标 | 永 准 | | CR. | /T 3880-2 | 2012 | | 化学 | 成分标 | 後 | CR | /T 3190-2 | กกาก | |
| Techn | ique St | tandar | d | UD/ | 71 3000 2 | 2012 | (| Composi | ition Star | ıdard | \mathbf{GD}_{ℓ} | 71 3190 2 | 2020 | |
| | | | 化 | 学成: | 分 % | | Cher | mical Co | mpositio | on | | | | |
| 元素 | G. | | | , | 3.5 | 3.5 | | | - | 3.7 | æ. | | 其 | 它 |
| Element | Si | Fe | (| Cu | Mn | Mş | 3 | Cr | Zn | Na | Ti | Al | 单个 | 合计 |
| 标准值 Standard Value | ≤0.25 | ≤0.4 | 4 ≤(|).1 | ≤0.1 | 2.2-2 | 2.8 | 0.15-0.3 5 | ≤0.1 | | | 余量 | | |
| 实测值 | | | | | | | | | | | | | | |
| | 0.103 | 0.36 | 1 0.0 |)22 | 0.058 | 2.41 | 19 | 0.181 | 0.024 | 0.0001 | 0.017 | 96.79 | - | - |
| | | | | 力学 | 性能 | | Mecl | hanical | Property | , | | • | | |
| 取样方法 | 法 | ŧ | 亢拉强度 | 拉强度(MPa) | | | 屈服 强 | 强度(MI | Pa) | 延伸率(%) | | | | |
| Samplir Metho | _ | r. | Tensile | Strer | ngth | | Yield Strength | | | | Elon | gation | | |
| | | 标 | 准值 | 实测值 标 | | 准值 | <u> </u> | 上测值 | 标准值 | 直 | 实测值 | | | |
| | | Star | ndard | Mo | easured | Sta | ndar | d Mo | easured | Standa | rd | Measu | red | |
| 纵向 | | Va | alue | 1 | Value | V | alue | ' | Value | Valu | e | Value | | |
| | | 210 |)-260 | | 221 | ≥ | 130 | | 166 | ≥7 | | 12 | | |
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| Stand | | anuaru 实测· | | | | | E | Standa | | nd value 则值 | | | | |
| Measured | | | | | | | | 8 | | ed Value | | | | |
| 90° 折弯 | | | <u> </u> | ····································· | | 其他 | | | 格 | | | | | |
| 90° bend | | | F | 1 TH | | | Othe | | | | ਸ 1 ਸ | | | |
| 表面是 | | | | 슅 | 袼 | | | | 几何尺寸 | | 4 | 格 | | |
| Surface (| |)I | | Í | • • | | Din | nension | Control | | Ť | | | |
| 综合判定 Overall Conlusion | | | | .11. | 胜似 | | | | 合格 | | | | | |

填表人: 闫含

Inspector:

河南明泰铝业股份有限公司

地址:河南省巩义市回郭镇开友区北部

邮编: 451283

电话: 86-371-64234995 64235833

日期: 2024年12月10日

Date:



| DOCUMENT NUMBER: | TITLE: | |
|------------------|--------------------------------|--------|
| QMS100107 | Manufacturer's Affidavit (COO) | Drooke |
| REVISION: C | DOCUMENT CLASSIFICATION: | DIOUKS |
| DCO# DCO005380 | 04-Form, Template or Other | |

1 PURPOSE

This document is intended to be used as a manufacturer's affidavit.

2 REFERENCE DOCUMENTS, FORMS

| Internal Document References - Reference the related procedures and work instruction documents that explain how to use this form (if applicable). | | | | | |
|--|-------------------------------|--|--|--|--|
| Document Number Document/Form Name | | | | | |
| SCM100111 | First Article Inspection Form | | | | |
| QMS101090 Incoming Inspection | | | | | |

3 DETAILS

- 3.1 This form is intended to be filled out by suppliers as part of the First Article Inspection process to declare the Country of Origin (COO).
- 3.2 The form affirms that the listed article(s) were exclusively manufactured at a specific facility since a designated date, any foreign components have been significantly altered, and no claims for drawback will be pursued.
- 3.3 The supplier commits to notifying Brooks of any changes that may impact the article's origin.

4 RECORD RETENTION

For Control and Retention of Quality Records, see QMS101517

| Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks. | | | | | |
|---|---|-----------------|--|--|--|
| Template Number: QMS100833 | Template Name: 04-Form, Template or Other | Template Rev: H | | | |

| Date Printed: Wednesday, April 2, 2025 | This is uncontrolled when printed | PAGE 1 OF 2 |
|--|-----------------------------------|---------------------------|
|--|-----------------------------------|---------------------------|

| DOCUMENT NUMBER: | : TITLE: | |
|------------------|--------------------------------|--------|
| QMS100107 | Manufacturer's Affidavit (COO) | Drooke |
| REVISION: C | DOCUMENT CLASSIFICATION: | DIOUKS |
| DCO# DCO005380 | 04-Form, Template or Other | |

Manufacturer's Affidavit

I, <u>Yu Wei</u>, declare to the best of my knowledge and belief that the article(s) identified below or as attached were manufactured by <u>WUXI SHAONENG SHEET METAL MANUFACTURING CO, LTD.</u> at the facility located at <u>NO. 2 WEST JINGUI RD, HUDAI TOWN, BINHU DIST, WUXI, JIANGSU 214161, China.</u>

These articles have been manufactured solely at this location since $\underline{09/01/2020}$, any foreign material which may be contained therein has undergone a substantial transformation and that the article(s) has not and will not be subject to a claim for drawback.

The company agrees to advise you of any changes which may affect the origin of the article as described above.

Name: Yu Wei

Title: Quality Manager

Date: 4/2/2025

Blanket Period: One Year

From: 4/2/2025 To: 4/1/2026

List of Product(s):

| Brooks Automation P | N. <u>Description</u> | Country of Origin |
|---------------------|-------------------------------------|-------------------|
| 642832 | COVER,BANDS,FOREARM,UPPER ARM, ITRX | CHN |

| yu wei | | |
|-----------|------------|----------|
| | QA Manager | 4/2/2025 |
| Signature | Position | |

| Confidential: The information is confidential and is to be used only in connection with matters authorized by Brooks and no part of it is to be disclosed to others without prior written permission from Brooks. | | | | | |
|---|---|---------------------------|--|--|--|
| Template Number: QMS100833 | Template Name: 04-Form, Template or Other | Template Rev: H | | | |
| Date Printed: Wednesday, April 2, 2025 | This is uncontrolled when printed | PAGE 2 OF 2 | | | |



Email

Brooks Automation US, LLC, 15 Elizabeth Drive Chelmsford, MA 01824

Instructions: complete the form with the exception of the signature, print the form out and sign it and return the scanned document to **Brooks Automation**.

| document to brooks Autor | nation. | | | | | | |
|--|---|-------------------------------------|-------------------------|-------------|---------------------|--|--|
| 1. Declaration type | | | | | | | |
| ☐ Brooks Automation de | claration to | customer | | | | | |
| | | | | | | | |
| Manufacturer Name | Name WUXI SHAONENG SHEET METAL MANUFACTURING CO,.LTD. | | | | | | |
| Manufacturer Address | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 2. Covered parts or [| ⊠ see atta | ached list | | | | | |
| Brooks Part Number | Manufacturer part number | | | | exemption Claimed | | |
| 642832 6 42832 | | | | 1 | 1 | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| table) □Obsolete □ Part *If exemptions are claimed 4. REACH Declaration REACH Regulation EC No. | is unknow they must on o. 1907/20 | | ufficient information (| • | only) | | |
| The parts are compliant to | | | | | | | |
| • | - | Article 59 Candidate list SVHCs | above 0.1%wt/article | | | | |
| If the part contains an SVH | C, please | | | | | | |
| Article w/SVHC | | Substance | (| CAS% | % by Weight | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 5. Signature | | | | | | | |
| | helow ind | icates, to the best of the signator | rv's knowledge the ab | nove declar | rations are correct | | |
| Date | SOIOW IIIU | 2025-04-02 | y a knowledge the di | ovo decidi | anono are correct | | |
| Authorized Representative | e (name) | Yu Wei | | | | | |
| Title | - () | QA Manager | | | | | |
| Signature | | • | | | | | |
| J | | Ju wer | | | | | |

yuwei@shaofanggroup.com

| PACKAGING METHOD PROPOSAL | | | | | | | |
|---------------------------|-------|------------------------------------|----------------|-------------|--|--|--|
| Supplier Name: | | SHAONENG | Date: | 2025/4/2 | | | |
| Part No./Rev.: | | 642832 A | Ref.DWG No./Re | v: 642832 A | | | |
| Part Description: | | COVER,BANDS,FOREARM,UPPER ARM,ITRX | | | | | |
| Customer Name: | | Brooks Automation US, LLC | | | | | |
| 1 | STEP1 | | | | | | |
| 2 | STEP2 | | | | | | |
| 3 | STEP3 | | • | | | | |

