


DOCUMENT NUMBER: <b>SCM100111</b>	TITLE: <b>First Article Inspection Form</b>	
REVISION: J	DOCUMENT CLASSIFICATION:	
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

<b>Internal Document References</b> - 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: Saturday, March 8, 2025	<b>This is uncontrolled when printed</b>	PAGE <b>1</b> OF <b>4</b>

DOCUMENT NUMBER: <b>SCM100111</b>	TITLE: <b>First Article Inspection Form</b>	
REVISION: J	DOCUMENT CLASSIFICATION:	
DCO# DCO005545	04-Form, Template or Other	

Supplier Information			
Supplier Name:	Supplier Location:	Supplier Phone #:	Supplier email:
Wuxi Shaoneng	Wuxi China	+86 510 85580205	bian.xiang@shaofanggroup.com
Part Number Information		Reason for Submission	
Part Number:	257687	<input checked="" type="checkbox"/> New Part / Part Number Change <input type="checkbox"/> Engineering Rev. Change <input type="checkbox"/> Change in Part Processing <input type="checkbox"/> OEM Part rev. Changes <input type="checkbox"/> Sub-tier Supplier Change <input type="checkbox"/> Change in Manufacturing Location <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Part is manufactured from a Solid Model and PSD	
Part Revision:	A		
Part Description:	COVER, FRAME, RIGHT STOCKER, SLIDING DOOR SIDE, RIGHT		
PO Number:	2006490		
<p><b>Unless otherwise stated, the FAI documents, listed below, are required for all FAI submissions.</b></p> <p><b>Please mark "X" in each box accordingly. Any questions? Please ask your Purchasing or Quality Representative at Brooks Automation</b></p>			

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: Saturday, March 8, 2025	<b>This is uncontrolled when printed</b>	PAGE <b>2</b> OF <b>4</b>

DOCUMENT NUMBER: <b>SCM100111</b>	TITLE: <b>First Article Inspection Form</b>	
REVISION: J	DOCUMENT CLASSIFICATION:	
DCO# DCO005545	04-Form, Template or Other	

<p style="text-align: center;"><b>Compulsory Quality Requirements for all First Articles</b></p> <p><input checked="" type="checkbox"/> First Article Inspection Form (This form completed)</p> <p><input checked="" type="checkbox"/> Supplier's Certificate of Conformance including one for hardware on Company Letterhead</p> <p><input checked="" type="checkbox"/> "Bubbled" Dimensional Drawing <b>and/or</b> BOM. Bubble sequence starting at note 1 and numbered in clockwise direction for each feature or view.</p> <p><input type="checkbox"/> FAI(s) for "Make to Print" parts listed on Brooks' BOM</p> <p><input checked="" type="checkbox"/> Final Inspection Data Sheet Report including measurement device type, ID#, and calibration due dates</p> <p><input checked="" type="checkbox"/> Manufacturer's Affidavit "Country of Origin" Brooks' form #QMS100107</p> <p><input checked="" type="checkbox"/> Pictures of one part for FAI package with copy retained at supplier site. Color pictures required of top, bottom, all sides, part marking, silk screening, sealing surfaces (if applicable), part in labeled closed/sealed packaging per applicable SCM100022 section, and packed in box with protective packaging. Pictures taken must be in proper lighting and must be expandable. <b>Mandatory</b></p> <p><input type="checkbox"/> Approved SIAR(s), if applicable</p> <p><input type="checkbox"/> Test Records and Data, if applicable</p> <p><b>Special Certificates of Conformance, if applicable</b></p> <p><input checked="" type="checkbox"/> Certificate of Conformance for Raw Materials</p> <p><input type="checkbox"/> Certificate of Conformance for Special Processes Examples: Plating, Painting, Coating, Welding, etc.</p> <p><b>For adding/changing Electrical Device or Assembly:</b></p> <p><input type="checkbox"/> Add Data sheet</p> <p><input type="checkbox"/> Test Report comparison of old and new</p> <p><b>For adding/changing Epoxy:</b></p> <p><input type="checkbox"/> Data sheet</p> <p><input type="checkbox"/> Temperature comparison of old and new</p> <p><input type="checkbox"/> Life expectancy comparison of old and new</p>	<p>Is this a <b>CRITICAL PART</b>? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (<b>Mandatory Response</b>)</p> <p>(Please refer to Drawings and /or Purchase Order)</p> <p><b>Note:</b> All "CRITICAL PARTs" will require the following documents!</p> <p><input type="checkbox"/> POR (Process of Record) Brooks' form #SCM100112</p> <p><input type="checkbox"/> PCP (Process Control Plan) Brooks' form #SCM100113</p> <p><input type="checkbox"/> Critical Part Data for Key Features on Drawing, if applicable Statistical data such as normality, Cp, and CPK. Required</p> <p><input type="checkbox"/> Gage R&amp;R</p> <p><input type="checkbox"/> Process Failure Mode Effects Analysis</p> <p><b>POR/PCP is currently:</b></p> <p><input type="checkbox"/> Final</p> <p><input type="checkbox"/> Still Under Development/Preliminary</p> <p><b>Note:</b> It is acceptable to submit an Under Development/Preliminary POR/PCP.</p> <p><input type="checkbox"/> This FAI submittal was produced on the production line.</p> <p><b>Brooks' Supplier Quality conducts periodic reviews of the POR/PCP.</b></p>
--	--

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: Saturday, March 8, 2025	<b>This is uncontrolled when printed</b>	PAGE <b>3</b> OF <b>4</b>

DOCUMENT NUMBER: <b>SCM100111</b>	TITLE: <b>First Article Inspection Form</b>	
REVISION: J	DOCUMENT CLASSIFICATION:	
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:	N/A		
Print Name	Title:	Signature:	Date:
Yu Wei	Quality Manager	<i>yu wei</i>	2025/2/25

### 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](mailto:FirstArticle@Brooks.com)

**Any questions? Please ask your Purchasing or Quality Representative at Brooks Automation.**

### FOR BROOKS USE ONLY

Results:	<input type="checkbox"/> <b>Accepted</b>	<input type="checkbox"/> <b>Rejected</b> (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: Saturday, March 8, 2025	<b>This is uncontrolled when printed</b>	PAGE <b>4</b> OF <b>4</b>

## **CERTIFICATE OF CONFORMANCE**

Customer : Brooks  
Purchase Order Number : 2006490  
Date : 2/25/2025  
Part Number : 257687Rev. A  
Part Description : COVER,FRAME,RIGHT STOCKER,SLIDING DOOR SIDE,RIGHT  
Quantity : 1  
Finishing : 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

*yu wei*

\_\_\_\_\_  
(Signature)

Title: Quality Manager

Print Name: Yu Wei

---

**WUXI SHAONENG SHEET METAL MANUFACTURING CO., LTD.**

NO. 2 WEST JINGUI RD, HUDAI TOWN, BINHU DIST, WUXI, JIANGSU 214161, CHINA

Tel: 86 510-85580205

Fax: 86 510-83217510



尺寸检测报告  
Dimension Inspection Report

A/1

产品图号 P/N	257687			图纸版本号 Version	A		产品订单号 PO #		BAI9009770	
产品名称 Desc.	COVER,FRAME,RIGHT STOCKER,SLIDING DOOR SIDE,LEFT			材料/规范 Mat./Criteria	X5CrNi18-10		检测人员/日期 Inspector /Date		WangYangyang 2025/2/25	
报告类属 Category	<input checked="" type="checkbox"/> 样件 Sample	<input type="checkbox"/> 小批量试制 Pre-lanch	<input type="checkbox"/> 量产 Mass	重量/KG Weight	2.29Kg		质量工程师/日期 QE /Date		XieLian 2025/2/25	
序号 NO.	检测尺寸及公差 Dimision&Tolerance			检验方法 Methodology	实 测 值 Actual Dimension					说明 Comments
					1#					
1	40	+0.30	-0.30	投影仪 Profile projector	39.98					OK
2	40	+0.30	-0.30	投影仪 Profile projector	39.97					OK
3	295	+0.50	-0.50	投影仪 Profile projector	295.02					OK
4	200	+0.50	-0.50	投影仪 Profile projector	199.99					OK
5	φ6	+0.10	-0.10	投影仪 Profile projector	6.02					OK
6	φ6	+0.10	-0.10	投影仪 Profile projector	6.01					OK
7	200	+0.50	-0.50	投影仪 Profile projector	199.99					OK
8	200	+0.50	-0.50	投影仪 Profile projector	199.99					OK
9	123	+0.50	-0.50	投影仪 Profile projector	123.02					OK
10	R5	+0.10	-0.10	投影仪 Profile projector	OK					OK
11	15	+0.20	-0.20	投影仪 Profile projector	14.97					OK
12	54	+0.30	-0.30	投影仪 Profile projector	53.98					OK
13	538	+0.80	-0.80	投影仪 Profile projector	538.02					OK
14	115	+0.30	-0.30	投影仪 Profile projector	115.02					OK
15	50	+0.30	-0.30	投影仪 Profile projector	50.02					OK
16	90	+0.30	-0.30	投影仪 Profile projector	89.97					OK
17	120	+0.50	-0.50	投影仪 Profile projector	120.02					OK
18	642	+0.80	-0.80	投影仪 Profile projector	642.03					OK
19	295	+0.50	-0.50	投影仪 Profile projector	295.02					OK
20	50	+0.30	-0.30	投影仪 Profile projector	50.01					OK
21	R5	-0.10	-0.10	投影仪 Profile projector	OK					OK
22	120	+0.30	-0.30	投影仪 Profile projector	119.98					OK
23	666.1	+0.80	-0.80	投影仪 Profile projector	666.11					OK
24	24.1	+0.20	-0.20	卡尺 caliper	24.12					OK
25	6.97	+0.20	-0.20	卡尺 caliper	6.98					OK
26	40	+0.30	-0.30	投影仪 Profile projector	39.97					OK
27	7	+0.20	-0.20	卡尺 caliper	7.00					OK
28	22.5°	+30'	-30'	角度尺 Angle ruler	OK					OK
29	649.2	+0.80	-0.80	卡尺 caliper	649.00					OK
30	φ6	+0.20	-0.20	卡尺 caliper	6.00					OK
31	R1.5	+0.10	-0.10	R规 R gage	OK					OK
32	7	+0.20	-0.20	卡尺 caliper	6.99					OK
33	17.3	+0.20	-0.20	卡尺 caliper	17.31					OK
34	PART SHALL BE IN COMPLIANCE WITH BAI FABRICATED PART SUBSTANCE COMPLIANCE REQUIREMENTS DOCUMENT 147301			Acknowledged	OK					OK
35	Bauteil allseitig sauber entgratet part all-side clean burred			目检 Visual Inspection	OK					OK
36	Oberfläche glatt und kratzerfrei surface sleek and scratch free			目检 Visual Inspection	OK					OK
37	unbemaBte Radienmax. R 5 undimensioned radii			Acknowledged	OK					OK

38	allgemeine Positionstoleranzen für Bohrungen, Gewinde und Langlöcher common positional tolerances for drill-holes, threads and long-holes	Acknowledged	OK						OK
ID		DESCRIPTION					NEXT CALIBRATION DATE		
ACS5054		Profile projector					2025/12/9		
202231125		Caliper					2025/3/17		
4808520082		Square					2025/3/17		
177332		Angle ruler					2025/3/25		
SF007		R gage					2025/3/17		



Order No./订单号码 : 29S1014188

PO No./采购号码 :

Supplier : 江苏大明协好贸易有限公司  
/订货方Commodity : STS CR AP COIL  
/品名Customer : 江苏大明协好贸易有限公司  
/使用厂家Spec & Type : JIS G4305-2021:SUS304  
/标准 & 牌号


Size/尺寸 (mm)	Product No. /产品号码	Quantity /数量	Weight /重量 (kg)	Heat No. /炉号	Country of Melt & Pour	Position	Tensile Test /拉伸试验			Hardness /硬度试验  HV	Division	Chemical Composition/化学成分							
							YS 0.2% (MPa)	TS	EL (%)			C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	
1.5x1219xC	QWE1668	1	24,057	S602962	CHN	T	277	684	54	170.0	L	0.0350	0.450	1.050	0.0240	0.0030	18.110	8.030	
*** Sub Total (150) ***		1	24,057 (kg)		B	279	685	54	170.0										
** HEAT TREATMENT ** SOLUTION TREATMENT 1010-1150°C QUENCHING(固溶处理温度 1010-1150)																			
*** Grade Total ***		1	24,057 (kg)																
*** Grand Total ***		1	24,057 (kg)																
=== Last Item ===																			

\* Position - T : Top, M : Middle, B : Bottom  
\* Tensile Test. Direction : Transversal, Gauge Length : 50 mm(Rectangular),  
YP Method : 0.2 % off-set  
\* Division - L : Ladle Analysis

We hereby certify that the material herein has been made in accordance with the order and above specification.  
We, POSCO (Zhangjiagang) Stainless Steel Co.,Ltd., hereby certify that the products specified in the  
present MTC have been fully processed in China. (Facility and address information is stated below)

Legal sanction can be imposed on forging. Improper use of product can cause safety issue.

Surveyor To :

DOCUMENT NUMBER: <b>QMS100107</b>	TITLE: <b>Manufacturer's Affidavit (COO)</b>	
REVISION: C DCO# DCO005380	DOCUMENT CLASSIFICATION: 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: Saturday, March 8, 2025	<b>This is uncontrolled when printed</b>	PAGE <b>1</b> OF <b>2</b>

DOCUMENT NUMBER: <b>QMS100107</b>	TITLE: <b>Manufacturer's Affidavit (COO)</b>	
REVISION: C DCO# DCO005380	DOCUMENT CLASSIFICATION: 04-Form, Template or Other	

**Manufacturer's Affidavit**

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

These articles have been manufactured solely at this location since 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: 2/25/2025

Blanket Period: One Year  
From: 2/25/2025  
To: 2/24/2026

List of Product(s):

<u>Brooks Automation PN.</u>	<u>Description</u>	<u>Country of Origin</u>
257687	COVER,FRAME,RIGHT STOCKER,SLIDING DOOR SIDE,RIGHT	CHN

*yu wei*

_____ Signature	_____ QA Manager	_____ 2/25/2025
	Position	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: QMS100833	Template Name: 04-Form, Template or Other	Template Rev: H
Date Printed: Saturday, March 8, 2025	<b>This is uncontrolled when printed</b>	PAGE <b>2</b> OF <b>2</b>



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**.

### 1. Declaration type

☐ **Brooks Automation** declaration to customer

☒ Supplier Declaration to **Brooks Automation**

Manufacturer Name	WUXI SHAONENG SHEET METAL MANUFACTURING CO.,LTD.
Manufacturer Address	NO. 2 WEST JINGUI RD. HUDAI TOWN. BINHU DIST.WUXI, JIANGSU,CHINA

### 2. Covered parts or ☒ see attached list

Brooks Part Number	Manufacturer part number	Exemption Claimed
257687	257687	/

### 3. RoHS declaration

Part(s) are (select one) compliant to ☒ **RoHS Directive 2011/65/EU and amendment 2015/863/EU**

☐ **RoHS Directive 2011/65/EU and amendment 2015/863/EU with exemptions** (complete exemption column in above table) ☐ Obsolete ☐ Part is unknown ☐ vendor has not supplied sufficient information (for Brooks only)

\*If exemptions are claimed they must be listed with the parts above or on attached list.

### 4. REACH Declaration

**REACH Regulation EC No. 1907/2006 status:**

The parts are compliant to the Annex XVII Restrictions

☒ Yes ☐ No

The part does not contain any of the Article 59 Candidate list SVHCs above 0.1%wt/article

☒ Yes ☐ No

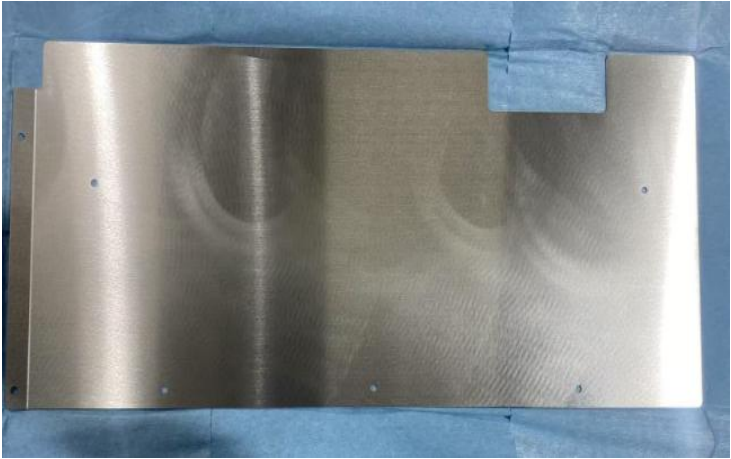
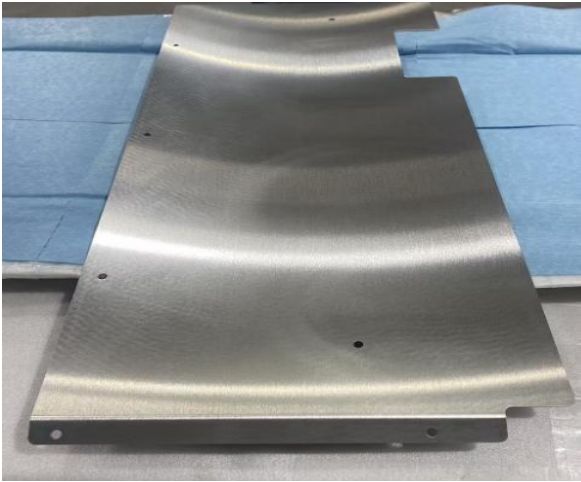
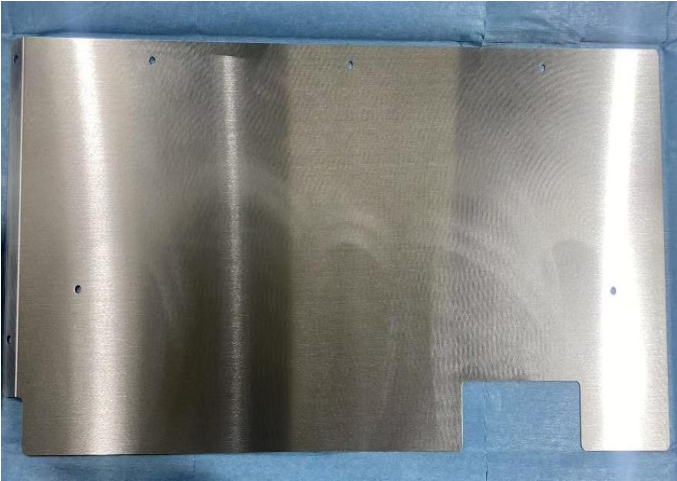
If the part contains an SVHC, please complete the following:

Article w/SVHC	Substance	CAS%	% by Weight

### 5. Signature

Completing the information below indicates, to the best of the signatory's knowledge the above declarations are correct

Date	2025-02-25
Authorized Representative (name)	Yu Wei
Title	QA Manager
Signature	yu wei
Email	yuwei@shaofanggroup.com

PACKAGING METHOD PROPOSAL			
Supplier Name:		SHAONENG	Date: 2025/2/25
Part No./Rev.:		257687 A	Ref.DWG No./Rev: 257687 A
Part Description:		COVER,FRAME,RIGHT STOCKER,SLIDING DOOR SIDE,RIGHT	
Customer Name:		Brooks Automation US, LLC	
1	STEP1		
2	STEP2		
3	STEP3		

4	STEP4	
---	-------	--