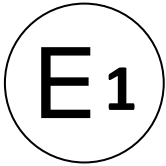




# Kraftfahrt-Bundesamt

DE-24932 Flensburg



## MITTEILUNG

ausgestellt von:

**Kraftfahrt-Bundesamt**

über die Erweiterung einer Genehmigung für einen Schutzhelmtyp mit einem Visiertyp(en) nach der Regelung Nr. 22 einschließlich Änderung Nr. 06 Ergänzung 03

## COMMUNICATION

issued by:

**Kraftfahrt-Bundesamt**

concerning the extension of an approval of a type of protective helmet with one visor type(s) pursuant to Regulation No. 22 including amendment No. 06 supplement 03

Genehmigungsnummer: **E1\*22R06/03\*301203\*01**

Approval number:

1. Fabrik- oder Handelsmarke:  
Trade name or mark:  
**KTM, LS2, MHR, TAKAI**
2. Typ:  
Type:  
**FF910**
3. Größen:  
Sizes:  
**XXS (51/52), XS (53/54), S (55/56), M (57/58), L (59/60), XL (61/62), XXL (63/64), XXXL (65/66)**
4. Name des Herstellers:  
Manufacturer's name:  
**JIANGMEN PENGCHENG HELMETS LTD.**  
**CN-Gonghe Town, Heshan City**
5. Anschrift:  
Address:  
**Siehe Punkt 4.**  
**See item 4.**



# Kraftfahrt-Bundesamt

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2

Genehmigungsnummer: **E1\*22R06/03\*301203\*01**

Approval Number:

6. Name des Vertreters des Herstellers (gegebenenfalls):  
Name of manufacturer's representative (if any):  
**Entfällt**  
**Not applicable**
7. Anschrift:  
Address:  
**Siehe Punkt 6.**  
**See item 6.**
8. Kurze Beschreibung des Helms:  
Brief description of helmet:  
**Siehe Anlagen**  
**See enclosures**
9. **Helm mit abnehmbarer unterer Gesichtsabdeckung (P/J)**  
**Helmet with removable lower face cover (P/J)**
10. Visiertyp oder Visiertypen:  
Type of visor or visors:  
**FF-MHR-117 (E1 22R 06301204)**
11. Kurze Beschreibung des Visiers oder der Visiere:  
Brief description of visor(s):  
**Siehe Anlagen**  
**See enclosures**
12. **Helm betriebsbereit für spezifisches Zubehör (SA)**  
**Helmet ready for specific accessory (SA)**
13. In der Helmhomologation enthaltenes Zubehör und Funktionalität:  
Accessories included in the helmet homologation and functionality:  
**Sonnenblende**  
**Sun shield**  
  
**Bluetooth System (SA): LS24X**  
**Bluetooth system (SA):**
14. Wenn UA-Helm:  
If UA helmet:  
**Entfällt**  
**Not applicable**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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3

Genehmigungsnummer: **E1\*22R06/03\*301203\*01**

Approval Number:

- 14.1. Falls das S40 oder das S45 Lautsprecher-Versuchsmuster für den Homologations-Test genutzt wurde:  
If S40 or S45, speaker dummy used for the homologation test:  
**Entfällt**  
**Not applicable**
15. Zur Genehmigung vorgelegt am:  
Submitted for approval on:  
**05.02.2025**
16. Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:  
Technical service responsible for conducting approval tests:  
**SGS-TÜV Saar GmbH**  
**DE-81379 München**
17. Datum des Gutachtens des Technischen Dienstes:  
Date of report issued by that service:  
**16.01.2025**
18. Nummer des Gutachtens des Technischen Dienstes:  
Number of report issued by that service:  
**HOM ECN T24/298-01**
19. Bemerkung(en):  
Remark(s):  
**Handelsbezeichnung(en):**  
**General commercial description(s):**  
**FF910, FF910-1, FF910-A, ADVANT II**
20. Die Genehmigung wird **erweitert**  
Approval is **extended**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg


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4

Genehmigungsnummer: **E1\*22R06/03\*301203\*01**

Approval Number:

21. Ort: **DE-24932 Flensburg**  
Place:
22. Datum: **14.02.2025**  
Date:
23. Unterschrift: **Im Auftrag**  
Signature:

  
(D. Stieglitz)



24. Folgende mit der oben erwähnten Genehmigungsnummer versehene Dokumente sind auf Anforderung erhältlich:  
The following documents, bearing the approval number shown above, are available on request:

Anlagen:

Enclosures:

**Gemäß Inhaltsverzeichnis**

**According to index**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Zu: E1\*22R06/03\*301203\*01

To:

**Erklärung über die Einhaltung der Anforderungen hinsichtlich der Übereinstimmung der Produktion gemäß dem Übereinkommen von 1958**  
**Statement of compliance with the conformity of the production requirements of the 1958 Agreement**

1. Name des Herstellers:  
Manufacturer's name:  
**JIANGMEN PENGCHENG HELMETS LTD.**  
**CN-Gonghe Town, Heshan City**
2. Datum der Anfangsbewertung:  
Date of the initial assessment:  
**10.08.2015**
3. Datum aller durchgeführten Überwachungstätigkeiten:  
Date of any surveillance activities:  

Aktenzeichen Register number	Datum der Begehung Date of inspection	Genehmigungsnummer Approval number
CoP-Q: <b>Entfällt</b> <b>Not applicable</b>		
CoP-P: <b>P-501834</b>	<b>12.06.2018</b>	<b>05300517, Erweiterung 02</b>
<b>P-503485</b>	<b>17.03.2022</b>	<b>E1*22R05/03*300584*02</b>



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Zu: **E1\*22R06/03\*301203\*01**

To:

## Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **09.10.2024**                      Letztes Änderungsdatum: **14.02.2025**  
Date of issue:    Last date of amendment:

Nebenbestimmungen und Rechtsbehelfsbelehrung  
Collateral clauses and instruction on right to appeal

Prüfbericht(e) Nr.:	Datum:
Test report(s) No.:	Date:
<b>HOM ECN T24/298-00</b>	<b>29.09.2024</b>
<b>HOM ECN T24/298-01</b>	<b>16.01.2025</b>

Beschreibungsbogen Nr.:	Datum:
Information document No.:	Date:
<b>R22-FF910-00</b>	<b>13.09.2024</b>
<b>R22-FF910-01</b>	<b>13.01.2025</b>

Liste der Änderungen:	Datum:
List of modifications:	Date:
<b>Siehe Prüfbericht: "List of modifications"</b>	<b>16.01.2025</b>
<b>See test report: "List of modifications"</b>	



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Nummer der Genehmigung: **E1\*22R06/03\*301203\*01**

- Anlage -

## Nebenbestimmungen und Rechtsbehelfsbelehrung

### Nebenbestimmungen

Jede Einrichtung, die dem genehmigten Typ entspricht, ist gemäß der angewendeten Vorschrift zu kennzeichnen.

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Änderungen an den Einzelerzeugnissen sind nur mit ausdrücklicher Zustimmung des Kraftfahrt-Bundesamtes gestattet.

Änderungen der Firmenbezeichnung, der Anschrift und der Fertigungsstätten sowie eines bei der Erteilung der Genehmigung benannten Zustellungsbevollmächtigten oder bevollmächtigten Vertreters sind dem Kraftfahrt-Bundesamt unverzüglich mitzuteilen.

Verstöße gegen diese Bestimmungen können zum Widerruf der Genehmigung führen und können überdies strafrechtlich verfolgt werden.

Die Genehmigung erlischt, wenn sie zurückgegeben oder entzogen wird, oder der genehmigte Typ den Rechtsvorschriften nicht mehr entspricht. Der Widerruf kann ausgesprochen werden, wenn die für die Erteilung und den Bestand der Genehmigung geforderten Voraussetzungen nicht mehr bestehen, wenn der Genehmigungsinhaber gegen die mit der Genehmigung verbundenen Pflichten - auch soweit sie sich aus den zu dieser Genehmigung zugeordneten besonderen Auflagen ergeben - verstößt oder wenn sich herausstellt, dass der genehmigte Typ den Erfordernissen der Verkehrssicherheit oder des Umweltschutzes nicht entspricht.

Das Kraftfahrt-Bundesamt kann jederzeit die ordnungsgemäße Ausübung der durch diese Genehmigung verliehenen Befugnisse, insbesondere die genehmigungsgerechte Fertigung sowie die Maßnahmen zur Übereinstimmung der Produktion, nachprüfen. Es kann zu diesem Zweck Proben entnehmen oder entnehmen lassen. Dem Kraftfahrt-Bundesamt und/oder seinen Beauftragten ist ungehinderter Zutritt zu Produktions- und Lagerstätten zu gewähren.

Die mit der Erteilung der Genehmigung verliehenen Befugnisse sind nicht übertragbar. Schutzrechte Dritter werden durch diese Genehmigung nicht berührt.

### Rechtsbehelfsbelehrung

Gegen diese Genehmigung kann innerhalb eines Monats nach Bekanntgabe Widerspruch erhoben werden. Der Widerspruch ist beim **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg**, schriftlich oder zur Niederschrift einzulegen.



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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2

Approval No.: **E1\*22R06/03\*301203\*01**

- Attachment -

## **Collateral clauses and instruction on right to appeal**

### **Collateral clauses**

All equipment which corresponds to the approved type is to be identified according to the applied regulation.

The individual production of serial fabrication must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the Kraftfahrt-Bundesamt.

Changes in the name of the company, the address and the manufacturing plant as well as one of the parties given the authority to delivery or authorised representative named when the approval was granted is to be immediately disclosed to the Kraftfahrt-Bundesamt.

Breach of this regulation can lead to recall of the approval and moreover can be legally prosecuted.

The approval expires if it is returned or withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the holder of the approval violates the duties involved in the approval, also to the extent that they result from the assigned conditions to this approval, or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

The Kraftfahrt-Bundesamt may check the proper exercise of the conferred authority taken from this approval at any time. In particular this means the compliant production as well as the measures for conformity of production. For this purpose samples can be taken or have taken. The employees or the representatives of the Kraftfahrt-Bundesamt may get unhindered access to the production and storage facilities.

The conferred authority contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.

### **Instruction on right to appeal**

This approval can be appealed within one month after notification. The appeal is to be filed in writing or as a transcript at the **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg.**

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# Technical Report

V00

Test standard:  
**ECE Regulation No. 22**

Level of amendment:  
**Supplement 3 to the 06 series of amendments**

Title:  
**Protective helmets and their visors**

---

Manufacturer:  
**Jiangmen Pengcheng Helmets Ltd.**

Type:  
**FF910**

---

Subject of testing:  
Component

**0      General:**

- |       |   |  |
|-------|---|--|
| 0.1   | Make<br>(trade name of manufacturer):   | KTM, LS2, MHR, TAKAI   |
| 0.2   | Type:   | FF910  |
| 0.2.1 | Commercial description(s):  | refer to information document  |
| 0.3   | Means of identification of type, if<br>marked on the vehicle / component<br>/ technical unit: | refer to information document  |
| 0.3.1 | Location of that markings:  | refer to information document  |
| 0.4   | Category of vehicle:  | n.a.   |
| 0.5   | Manufacturer's name and address:  | Jiangmen Pengcheng Helmets Ltd.<br><br>No.01-7, Dongsheng Road, Gonghe Town,<br>Heshan City, Guangdong Province, China |
| 0.8   | Name(s) and address(es) of<br>assembly plant(s):  | refer to information document  |
| 0.9   | Name and address of<br>representative:  | n.a.   |
|       | Location of the approval mark:  | refer to information document  |



**3 Statement of conformity:**

The information folder as mentioned under no. 2.1 and the type described therein are in compliance with the test standard mentioned above. With regard to the required level of performance to be achieved, the test specimen were representative for the type to be approved.

The tests were carried out in accordance to the relevant requirements of the

EN ISO/IEC 17025       EN ISO/IEC 17020

**Test Laboratory**

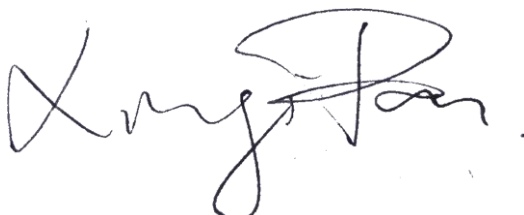
**SGS-TÜV Saar GmbH**

notified by

KBA Kraftfahrt-Bundesamt, Germany  <b>No. KBA-P 00084-10</b>	NSAI National Standards Authority of Ireland  <b>No. 101</b>	RDW Rijksdienst voor het Wegverkeer, The Netherlands  <b>No. 99050064 00</b>	TRANSPORT STYRELSEN, Sweden  <b>No. TT 0015</b>
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Formal review (Conformity Check) by:

Authorized by expert:


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 Xingyi Pan


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 Stephen He

Guangzhou, 16.01.2025

R22 E1\*22R06/03\*301203\*01



**Technical Report**  
**No.: HOM ECN T24/298-01**  
**Type: FF910**

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To assess the conformity, the laboratory refers to the "scope classification" of the Kraftfahrt-Bundesamt (KBA) – Federal Motor Transport Authority (in its valid version at the time of testing) and the specified consideration of the measurement uncertainty for the related test procedure.

In case the measurement uncertainty does not need to be considered according to the scope classification, the laboratory considers the result conform if its measured value is within the specification.

In case the measurement uncertainty does need to be considered according to the scope classification, the laboratory considers the result conform if its value incl. its measurement uncertainty is within the specification.

**Test record**

**1 Test object and measuring equipment**

**1.1 Test object**

- Protective helmet
  - Visor:  with  without
  - Accessory:  with  without
- Visor (protective screen)
- Sun shield (additional tinted screen)
- Helmet accessory

**1.1.1 Protective Helmet**

Type: FF910  
 Sizes: XXS (51/52), XS (53/54), S (55/56), M (57/58), L (59/60), XL (61/62), XXL (63/64), XXXL (65/66)

Helmet types:
 

- (J) Jet
- (P) Full face
- (NP) Jet
- (P/J) Modular helmet

Specific accessory

Type and brief description

Type name: LS24X

Material:

Accessory: Bluetooth intercom  
Alloy

Weight:

110±10 g

Size:

Refer to information document

The means of attachment:

Glued

**1.1.2 Visor**

Type: FF-MHR-117  
 Refer to approval no.: E1 22R 06301204

**1.1.3 Sun shield**

Type: SF-MHR-23-A  
 Brief description: Tinted visor, three dimensional injected, PC material

Types of helmets to which the sun shield may be fitted: FF910

**1.1.4 Helmet accessory**

Bluetooth intercom

**1.1.5 Remarks:**

Version 1: helmet with No.23 quick release mechanism

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Version 2: helmet with Double-D ring re-release mechanism

**1.2 Equipments for measuring and testing:**

1.2.1 Test equipment: The equipment and the test facilities on which the tests were carried out fulfilled the requirements of the ECE Regulation 22.06

1.2.2 Measurement procedure: according to ECE Regulation No. 22.06

**2 Test Results**

Due to the reason of extension (see Appendix B List of modifications), additional tests were conducted. The former test results still remain valid.

**2.1 Protective helmet**

2.1.1 Marking (clause 4.1, 4.3, 4.4)

All required information, in accordance with the ECE R22.06, is given by the labels

- fulfilled
- Not fulfilled
- n.a.

2.1.2 Basic construction (clause 6.1)

Shell + Protective padding + Retention system

- fulfilled
- Not fulfilled
- n.a.

2.1.3 If fitted with non protective lower face cover (clause 6.2)

Marked  
"Does not protect chin from impacts"

- Marked with symbol
- n.a.



2.1.4 Component or device (Clause 6.3)

Not cause injury and the helmet still complies with the regulation.

- fulfilled
- Not fulfilled
- n.a.

2.1.5	Extent of the protection (clauses 6.4, 6.5)	<p>The shell and the protective padding cover all areas as required</p> <p><input checked="" type="checkbox"/> fulfilled  <input type="checkbox"/> Not fulfilled  <input type="checkbox"/> n.a.</p>
2.1.6	Projections / irregularities / sharp edges (clauses 6.6 to 6.8)	<p>All external projections other than press-fasteners are smooth and adequately faired, all external projections which are not more than 2 mm above the outer surface of the shell, have a radius of more than 1 mm, all external projections which are more than 2 mm above the outer surface of the shell have a radius of more than 2 mm.</p> <p>All projections or irregularities in the outer surface of the shell which are higher than 2 mm, fulfill the requirements after the shear assessment test. The outer surface of the helmet fulfills the requirements after the friction assessment test.</p> <p>There are no inward-facing sharp edges on the inside of the helmet; rigid, projecting internal parts are covered with padding so that any stresses transmitted to the head are not highly concentrated.</p> <p><input checked="" type="checkbox"/> fulfilled  <input type="checkbox"/> Not fulfilled  <input type="checkbox"/> n.a.</p>
2.1.8	The various components (Clause 6.9)	<p>Not liable to become easily detached as a result of an impact</p> <p><input checked="" type="checkbox"/> fulfilled  <input type="checkbox"/> Not fulfilled  <input type="checkbox"/> n.a.</p>

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2.1.9	Control/actuating device for the detachable or movable lower face cover (clause 6.12)	Maintains the intended position, impossible incorrect handling, in red color.	<input type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input checked="" type="checkbox"/> n.a.
2.1.10	Characteristics of the materials (Clause 6.13)		<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.1.11	No breakage or deformation after tests (Clause 6.14)		<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.1.12	Peripheral vision (clause 6.15)		
	Horizontal ( $\geq 105^\circ$ ):		<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
	Upwards ( $\geq 7^\circ$ ):		<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
	Downwards ( $\geq 45^\circ$ ):		<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.1.13	Conspicuity marking (clause 6.18)		<input type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input checked="" type="checkbox"/> n.a.

2.1.14 Std Linear Impact  
(clause 7.3)

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

Size: 51/52 cm

Test Head Form: C (515 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
XXS-1	Heat Conditioning	Kerbstone	B	7.58	156	1018
		Kerbstone	X	7.57	147	987
		Kerbstone	X1	7.57	146	1017
		Kerbstone	P	7.56	117	821
		Kerbstone	R	7.58	114	844
XXS-2	Low-temperature Conditioning	Flat	B	7.63	174	1461
		Flat	X	7.58	183	1354
		Flat	X1	7.53	227	1558
		Flat	P	7.58	190	1638
		Flat	R	7.54	196	1755
		Flat	S	6.00	251	1382

2.1.15 Linear Extra Point Impact  
(clause 7.3)

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

Size: 65/66 cm

Test Head Form: Q (625 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
XXXL-1	Ambient-temperature and Hygrometry Conditioning	Flat	RXL	7.62	228	2151

Size: 59/60 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
L-1	Ambient-temperature and Hygrometry Conditioning	Flat	RXL	7.59	229	2210

Size: 55/56 cm

Test Head Form: E (535 mm)

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Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
S-1	Ambient-temperature and Hygrometry Conditioning	Flat	RXL	7.52	185	1522

2.1.16 Linear Hi/Low Energy Impact (clause 7.3)

- fulfilled
- Not fulfilled
- n.a.

Size: 65/66 cm

Test Head Form: O (625 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2880
XXXL-2	Ambient-temperature and Hygrometry Conditioning	Flat	B	8.26	202	2064
		Flat	X	8.26	250	2455
		Flat	X1	8.26	257	2586
		Flat	P	8.26	230	2076
		Flat	R	8.29	230	2503

Size: 59/60 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2880
L-2	Ambient-temperature and Hygrometry Conditioning	Flat	B	8.29	185	1690
		Flat	X	8.26	256	2291
		Flat	X1	8.22	244	2359
		Flat	P	8.26	244	2325
		Flat	R	8.29	236	2359

Size: 55/56 cm

Test Head Form: E (535 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2880
S-2	Ambient-temperature and Hygrometry Conditioning	Flat	B	8.26	210	2145
		Flat	X	8.22	265	2090
		Flat	X1	8.26	234	2022
		Flat	P	8.26	216	2281
		Flat	R	8.29	218	2308

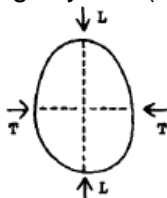
2.1.17 Test method for projections and surface friction

- Procedure A (7.4.1)
- Procedure B (7.4.2)

Helmet No.	Condition	Helmet Size (cm)	Projections	Friction
M-1	Ambient-temperature and Hygrometry Conditioning	57/58	Pass	Pass

2.1.18 Test for Projections of the Category P/J with Movable Lower Face Cover (clause 7.4.3)  fulfilled  
 Not fulfilled  
 n.a.

2.1.19 Rigidity test (clause 7.5) Previous results remain available.



2.1.20 Oblique Impact test (clause 7.13) Previous results remain available.

**2.2 Retention system**

2.2.1 The retention system is protected from abrasion (clause 6.10)  fulfilled  
 Not fulfilled  
 n.a.

2.2.2 Chin strap (clause 6.11.1, 6.11.2) The width of the chin strap is more than 20 mm under load of 150 N and it doesn't include a chin-cup.  
 fulfilled  
 Not fulfilled  
 n.a.

2.2.3 Adjustment device (clause 6.11.3) The retention system includes a device to adjust and maintain tension.  
 fulfilled  
 Not fulfilled  
 n.a.

2.2.4 Fastening devices (clauses 6.11.4 to 6.11.9) The requirements for fastening devices and release mechanisms are in

accordance to the requirements of the test standard.

- fulfilled
- Not fulfilled
- n.a.

2.2.5 Pulling flap  
(clauses 6.11.6)

In red and its dimensions more than 10 x 20mm

- fulfilled
- Not fulfilled
- n.a.

2.2.6 Dynamic Test of the Retention System  
(clause 7.6)

- fulfilled
- Not fulfilled
- n.a.

**No.23 quick release mechanism**

Helmet No.	Condition	Helmet Size (cm)	Dynamic displacement (≤ 35 mm)	Residual displacement (≤ 25 mm)
XXS-4	Ambient-temperature and Hygrometry Conditioning	51/52	24.2	11.3

**Double-D ring release mechanism**

Helmet No.	Condition	Helmet Size (cm)	Dynamic displacement (≤ 35 mm)	Residual displacement (≤ 25 mm)
XXS-6	Ambient-temperature and Hygrometry Conditioning	51/52	27.8	12.3

2.2.7 Retention (detaching) test (clause 7.7)  fulfilled  
 Not fulfilled  
 n.a.

**No.23 quick release mechanism (Type P)**

Helmet No.	Condition	Helmet Size (cm)	Movement of the reference line ( $\leq 30^\circ$ )	
			Backward	Frontward
XXS-3	Ambient-temperature and Hygrometry Conditioning	51/52	22°	18°

**No.23 quick release mechanism (Type J)**

Helmet No.	Condition	Helmet Size (cm)	Movement of the reference line ( $\leq 30^\circ$ )	
			Backward	Frontward
XXS-4	Ambient-temperature and Hygrometry Conditioning	51/52	19°	29°

**Double-D ring release mechanism (Type P)**

Helmet No.	Condition	Helmet Size (cm)	Movement of the reference line ( $\leq 30^\circ$ )	
			Backward	Frontward
XXS-5	Ambient-temperature and Hygrometry Conditioning	51/52	21°	20°

**Double-D ring release mechanism (Type J)**

Helmet No.	Condition	Helmet Size (cm)	Movement of the reference line ( $\leq 30^\circ$ )	
			Backward	Frontward
XXS-6	Ambient-temperature and Hygrometry Conditioning	51/52	18°	24°

2.2.8 Micro-slip test of the chin strap (clause 7.10) Previous test data remains available.

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2.2.9	Chin strap, resistance to abrasion test (clause 7.11)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.9.1	Chin strap, withstand a tension of 3 kN (clause 7.11.5)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.10	Retention systems relying on quick-release mechanisms (clause 7.12)	
2.2.10.1	Inadvertent release by pressure (clause 7.12.1)	<input type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input checked="" type="checkbox"/> n.a.
2.2.10.2	Ease of release (clause 7.12.2)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.10.3	Durability of quick-release mechanisms (clause 7.12.3)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
<b>2.3</b>	<b>Visor</b>	<input type="checkbox"/> n.a. (no visor) <input checked="" type="checkbox"/> n.a. (visor separately approved)
		Type: FF-MHR-117 Refer to approval no.: E1 22R 06301204
<b>2.4</b>	<b>Sun shield</b>	Previous results remain available.
<b>2.5</b>	<b>Information for wearers</b> (clauses 14.1 to 14.6)	Previous results remain available.

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**Technical Report**  
**No.: HOM ECN T24/298-01**  
**Type: FF910**  
**Appendix A**

---

**3 Other information**

Place of testing: SGS CSTC Guangzhou, P.R. China

Date of testing: From 08.11.2024 to 09.01.2025

**4 Remarks: ---**



---

**List of modifications:**

- |   |                  |  |
|---|------------------|--|
| 1 | Correction of:   | ---  |
| 2 | Modification of: | ---  |
| 3 | Addition of:     | <ol style="list-style-type: none"><li>1. Add Commercial description(s) "FF910-A"</li><li>2. Add helmet size XXS (51/52)</li><li>3. Add Accessory LS24X</li></ol> |
| 4 | Deletion of:     | ---  |

- End of Technical Report -

# INFORMATION DOCUMENT

No.: R22-FF910-01



**Jiangmen Pengcheng Helmets Ltd.**

**TYPE: FF910**

Protective helmet  
pursuant to

**Regulation No. 22**

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF  
PROTECTIVE HELMETS, OF THEIR VISORS AND OF THEIR  
ACCESSORIES FOR DRIVERS AND PASSENGERS OF  
MOTORCYCLES AND MOPEDS

Signature of a responsible person:

A handwritten signature in black ink, appearing to be "J. Pengcheng", is written over a horizontal line.

Date: 13.01.2025

**Reason of extension:**

**Correction:** n.a.

**Modification:** n.a.

**Addition:**

1. Add Commercial description(s) "FF910-A"
2. Add helmet size XXS (51/52)
3. Add Accessory LS24X

**Deletion:** n.a.

Total Page: 27



Type : FF910

Date: 13.01.2025

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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**0 GENERAL INFORMATION**

- 0.1 Make (trade name of manufacturer) : KTM, LS2, MHR, TAKAI
- 0.2 Type : FF910
- 0.2.1 Commercial description(s) : FF910, FF910-1, FF910-A, ADVANT II
- 0.3 Variants / Versions : n.a.
- 0.4 Name and address of manufacturer : Jiangmen Pengcheng Helmets Ltd.  
No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China
- 0.5 Name and address of assembly plant : Jiangmen Pengcheng Helmets Ltd.  
No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China
- 0.6 Name and address of manufacturer's authorized representative(if any) : n.a.
- 0.7 Location and method of affixing of the international approval mark : Marked in a label sewn on the retention system chin strap, see annex 6

**1 TECHNICAL DESCRIPTION**

- 1.1 Description of the helmet
  - 1.1.1 Type of helmet : Full Face / Open Face
  - 1.1.2 Type of lower face cover : "P" protective / "J" none
  - 1.1.3 Size (s) : XXS (51/52), XS (53/54), S (55/56), M (57/58), L (59/60), XL (61/62), XXL (63/64), XXXL (65/66)
  - 1.1.4 Drawing of the helmet : See Annex 1
  - 1.1.5 Specific accessory
    - Type and brief description : Type name: LS24X  
Accessory: Bluetooth intercom
    - Material : Alloy
    - Weight : 110±10 g
    - Size : See Annex 7
    - The means of attachment : Glued
    - Name and address of supplier : CARDO SYSTEMS LTD.  
101 E. Park Blvd., Suite 600 Plano, TX 75074, USA
- 1.2 Description of the visor : Type: FF-MHR-117  
Refer to approval no.: E1 22R 06301204
- 1.3 Description of the sun shield
  - 1.3.1 Material : Polycarbonate
  - 1.3.2 Color : Tinted
  - 1.3.3 Thickness : 1.6±0.5 mm
  - 1.3.4 Transmittance : Above 20%
  - 1.3.5 Manufacture method : By injection
  - 1.3.6 Type(s) of helmet to which may be equipped with this sun shield : FF910
  - 1.3.7 Drawing of the sun shield : See Annex 2
- 1.4 Description of the shell
  - 1.4.1 Material : ABS
  - 1.4.2 Manufacture method : Injection
  - 1.4.3 Ventilation : See Annex 1
  - 1.4.4 Composition of the border join on the shell : PVC
  - 1.4.5 Drawing of the shell : See Annex 3

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Type : FF910

Date: 13.01.2025

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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1.5 Description of protective padding

1.5.1 Composition : Expanded polystyrene

1.5.2 Density and weight :

Size (cm)	Shell size	Comfort padding thickness (Main) (mm)	Protective padding Density (Main + Top + Chin + Small + Middle) (kg/m <sup>3</sup> )	Protective padding Thickness (mm)	Protective padding Weight (Main + Top + Chin + Small + Middle) (g)
XXS (51-52)	S-XXS	12	35+25+30+80	30-35	63+44.5+39+11
XS (53-54)	S-XXS	12	40+25+40+80	30-35	68+45+35+16+11
S (55-56)	S-XXS	8	40+25+40+50+80	30-35	65+42+33+20+11
M (57-58)	L-M	12	45+30+40+40+80	30-35	73+50+30+15+11
L (59-60)	L-M	8	55+35+60+70+80	30-35	80+57+34+24+11
XL (61-62)	XXXL-XL	12	60+35+60+70+80	30-35	93+58+36+24+11
XXL (63-64)	XXXL-XL	10	60+35+60+70+80	30-35	93+58+36+24+11
XXXL (65-66)	XXXL-XL	8	60+35+60+70+80	30-35	93+58+36+24+11

1.5.3 Drawing of the protective padding : See Annex 4

1.6 Description of comfort padding

1.6.1 Composition of Comfort padding : Compound sponge

Comfort tissue : Nylon

Protection of the back of the nape : Sponge, textile and leather

Lateral packing : EPS and compound sponge

Lower face cover : EPS and PU

1.6.2 Drawing of the comfort padding : See Annex 5

1.7 Description of the retention system

1.7.1 Chinstrap

Material : Nylon

Width : 22 mm

1.7.2 Retention system : Type 1: No.23 quick release mechanism  
Type 2: Double-D ring release mechanism

1.7.3 Comfort padding of the retention system

Composition : Leather and textile

Thickness : 3 mm

1.7.4 Anchorage system to the shell : By means of a metallic piece fixed to the shell by rivets

1.7.5 Drawing of the retention system : See Annex 6

1.8 Other Characteristics

1.8.1 Markings

Make : Rear part of the shell

Weight : Rear part of the shell

Size : Rear part of the shell

Production Year : Mark on label sewn on inside padding

1.8.2 Indelible marking

How it is made : Sewing

Position : On the chin strap

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## INFORMATION DOCUMENT

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Type : FF910

Date: 13.01.2025

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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1.9	Accessories	
1.9.1	Peak	: n.a.
1.9.2	Information for wearer	
1.9.2.1	Text	: See Annex 8
1.9.2.2	Position	: Hang on chin strap

### ANNEXS

Annex 1	<b>Drawing of the helmet</b> FF910 Helmet	<u>13.01.2025</u>
Annex 2	<b>Drawing of the sun shield</b> FF910 Sun shield (SF-MHR-23-A)	13.09.2024
Annex 3	<b>Drawing of the shell</b> FF910 XXXL-XL Shell	13.09.2024
	FF910 L-M Shell	13.09.2024
	FF910 S-XXS Shell	<u>13.01.2025</u>
Annex 4	<b>Drawing of the protective padding</b> FF910 XXXL-XL Protective padding	<u>13.01.2025</u>
	FF910 L Protective padding	<u>13.01.2025</u>
	FF910 M Protective padding	<u>13.01.2025</u>
	FF910 S Protective padding	<u>13.01.2025</u>
	FF910 XS Protective padding	<u>13.01.2025</u>
	FF910 XXS Protective padding	<u>13.01.2025</u>
Annex 5	<b>Drawing of the comfort padding</b> FF910 Comfort padding	13.09.2024
Annex 6	<b>Drawing of the retention system</b> FF910 Retention system (No.23 quick release mechanism, without Bluetooth)	<u>02.12.2024</u>
	FF910 Retention system (No.23 quick release mechanism, with Bluetooth)	<u>02.12.2024</u>
	FF910 Retention system (Double-D ring release mechanism, without Bluetooth)	<u>02.12.2024</u>
	FF910 Retention system (Double-D ring release mechanism, with Bluetooth)	<u>02.12.2024</u>
Annex 7	<b>Drawing of the accessory</b> Bluetooth UCS SIDE, SIDE CABLE ASSEMBLY	<u>02.12.2024</u>
	Bluetooth UCS MAIN UNIT LS2 ASSEMBLY	<u>02.12.2024</u>
Annex 8	<b>Information for wearer</b>	13.09.2024

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INFORMATION DOCUMENT

R22-FF910-01

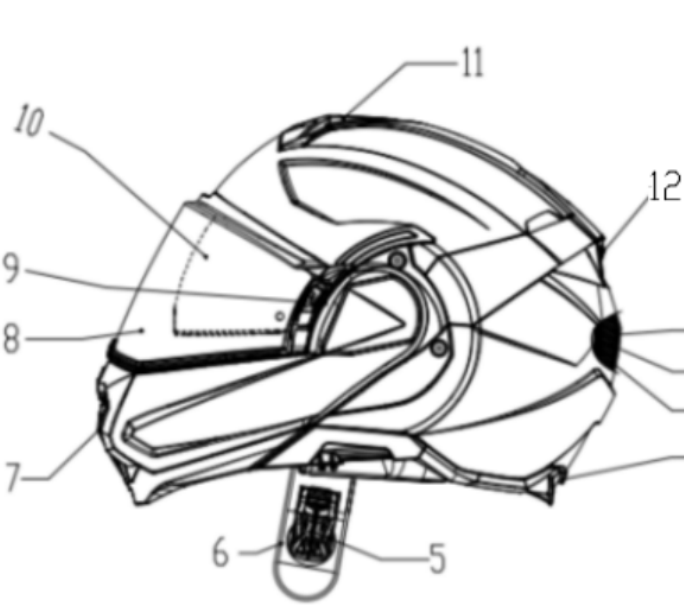
Type : FF910

Date: 13.01.2025

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Annex 1: Drawing of the helmet



12	Back Vent	↑ piece	1	ABS
11	Top Vent	套 piece	1	PC/ABS
10	Sun Visor	↑ piece	1	PC
9	Ratchet System	套 piece	2	POM
8	Visor	↑ piece	1	PC
7	Chin Vent	套 piece	1	PC/ABS
6	Chin Strap	条 piece	2	Nylon
5	Buckle	套 piece	2	Stainless Steel
4	Rubber Ring	条 unit	3	PVC
3	Comfort Padding	套 piece	8	Nylon
2	Protective Padding	↑ piece	6	EPS
1	Shell	↑ piece	3	ABS
NO.	Name	Unit	NO.	Material

MODEL	FF910							
SIZE	XXXL	XXL	XL	L	M	S	XS	XXS
CM	66-65	64-63	62-61	60-59	58-57	56-55	54-53	52-51

技术要求  
technical requirements

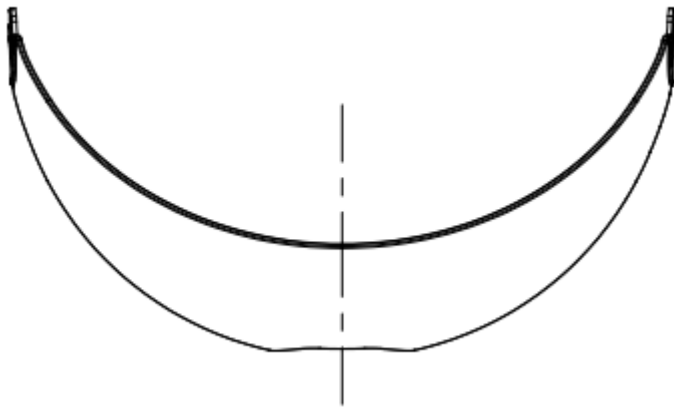
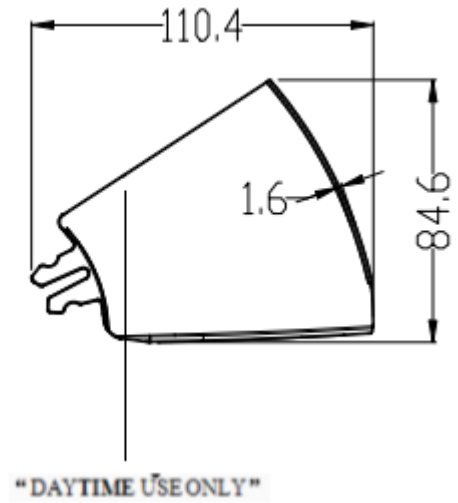
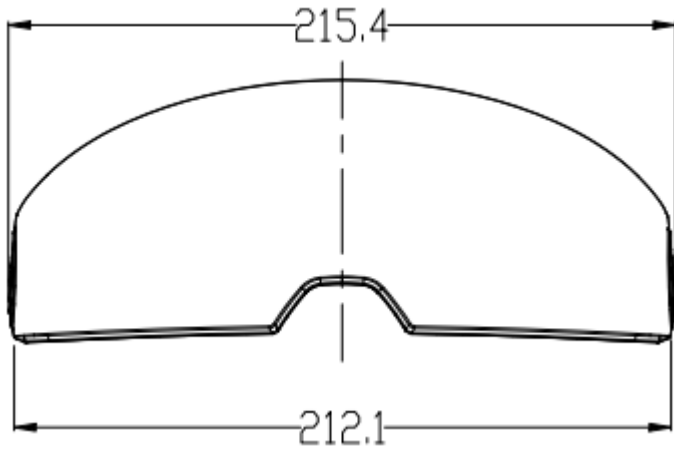
1. The surface of the outshell should be smooth and bright no nottle, pinhold, bulb, drop lack of oil, disdousie of basic color.  
2. Every spare parts should be fixed correctly, and not be loose, missed.

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<b>Description</b>	FF910 Helmet	<b>Code No.:</b>	FF910.1.1		
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025



Annex 2: Drawing of the sun shield



Unit: mm

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Number	Name	Parameter	Number	Name	Parameter
1	Sun shield material	PC	2	Sun shield warning	DAYTIME USE ONLY
<b>Description</b>	FF910 Sun shield (SF-MHR-23-A)		<b>Code No.:</b>	FF910.2.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024

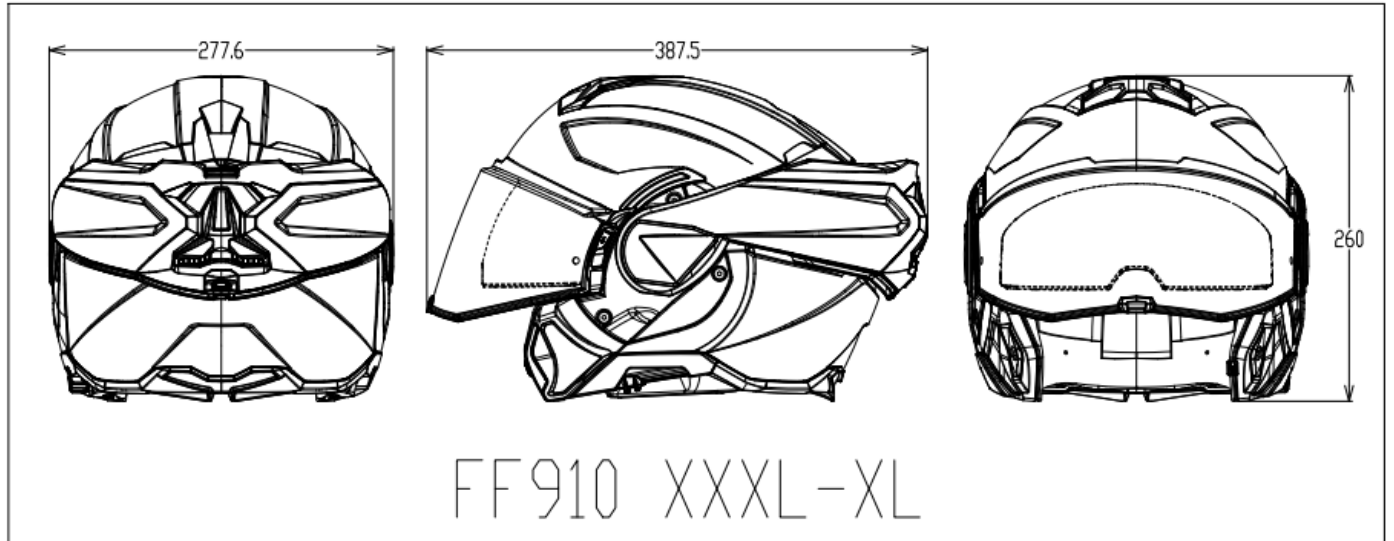
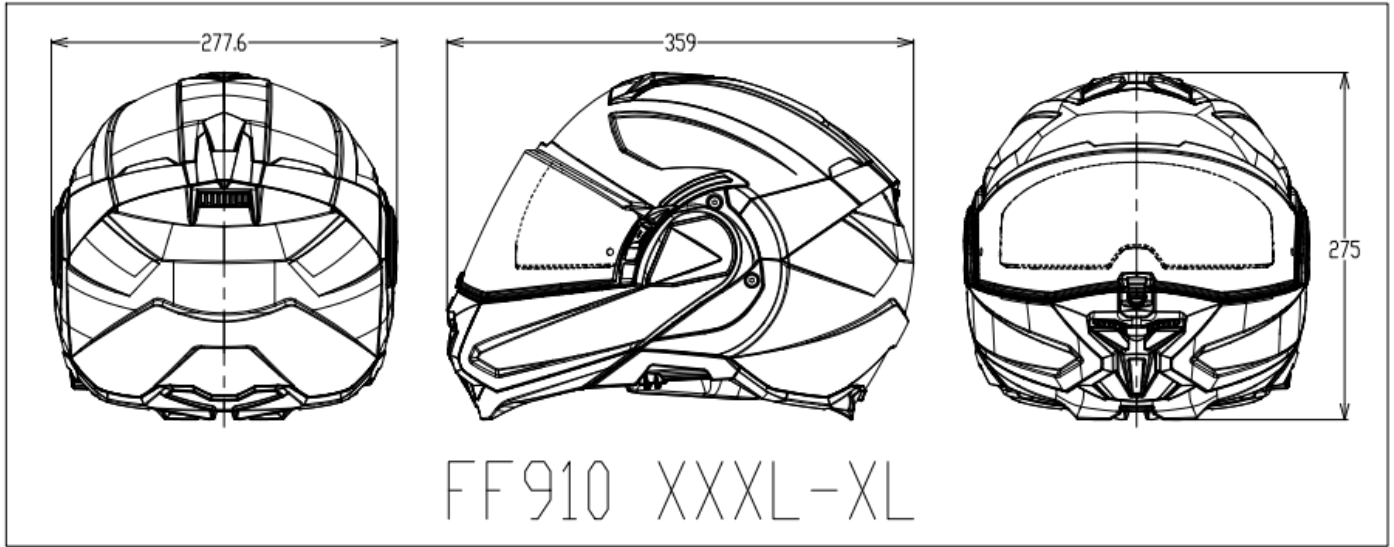


Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

INFORMATION DOCUMENT

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Annex 3: Drawing of the shell



Unit: mm

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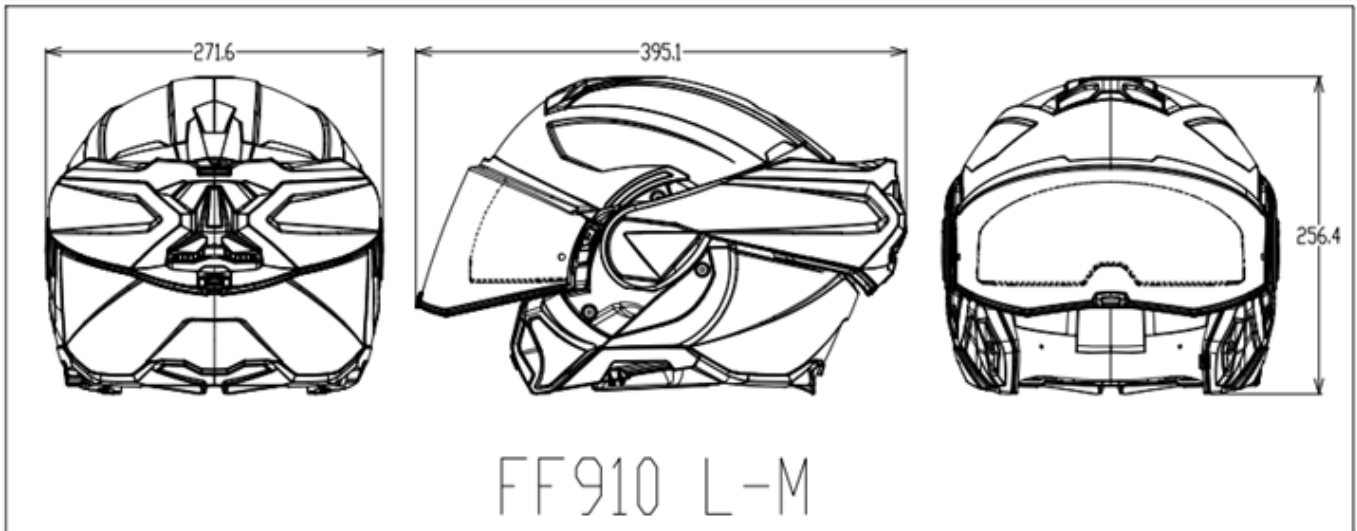
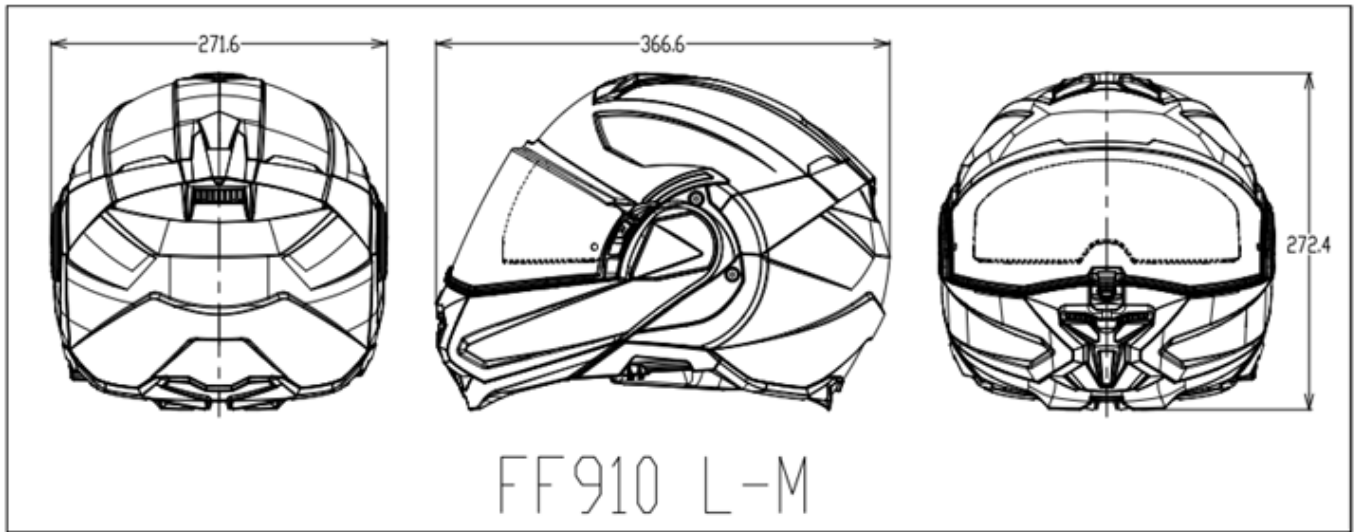
Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
<b>Description</b>	FF910 XXXL-XL Shell		<b>Code No.:</b>	FF910.3.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024



Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

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Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
<b>Description</b>	FF910 L-M Shell		<b>Code No.:</b>	FF910.3.2	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024



INFORMATION DOCUMENT

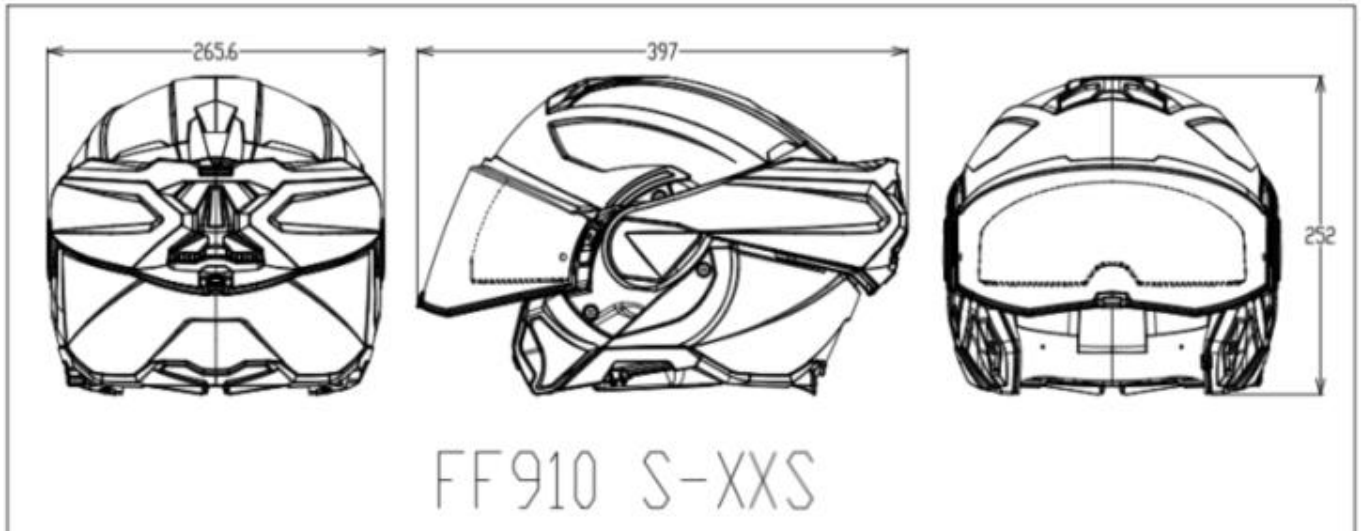
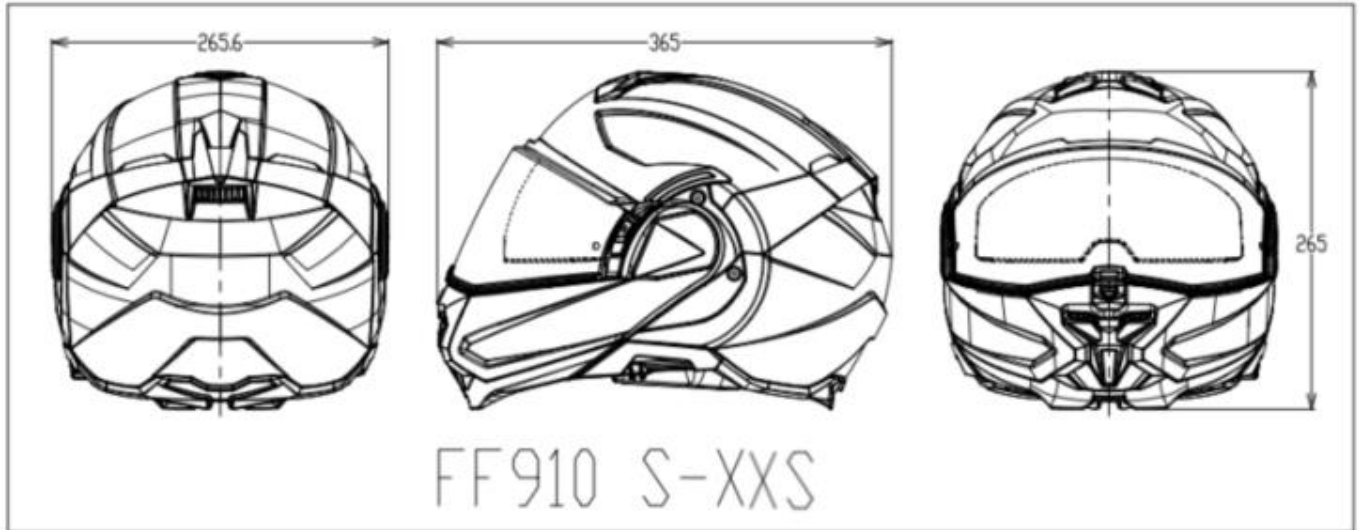
R22-FF910-01

Type : FF910

Date: 13.01.2025

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

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Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
<b>Description</b>	FF902 S-XXS Shell		<b>Code No.:</b>	FF902.3.3	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025

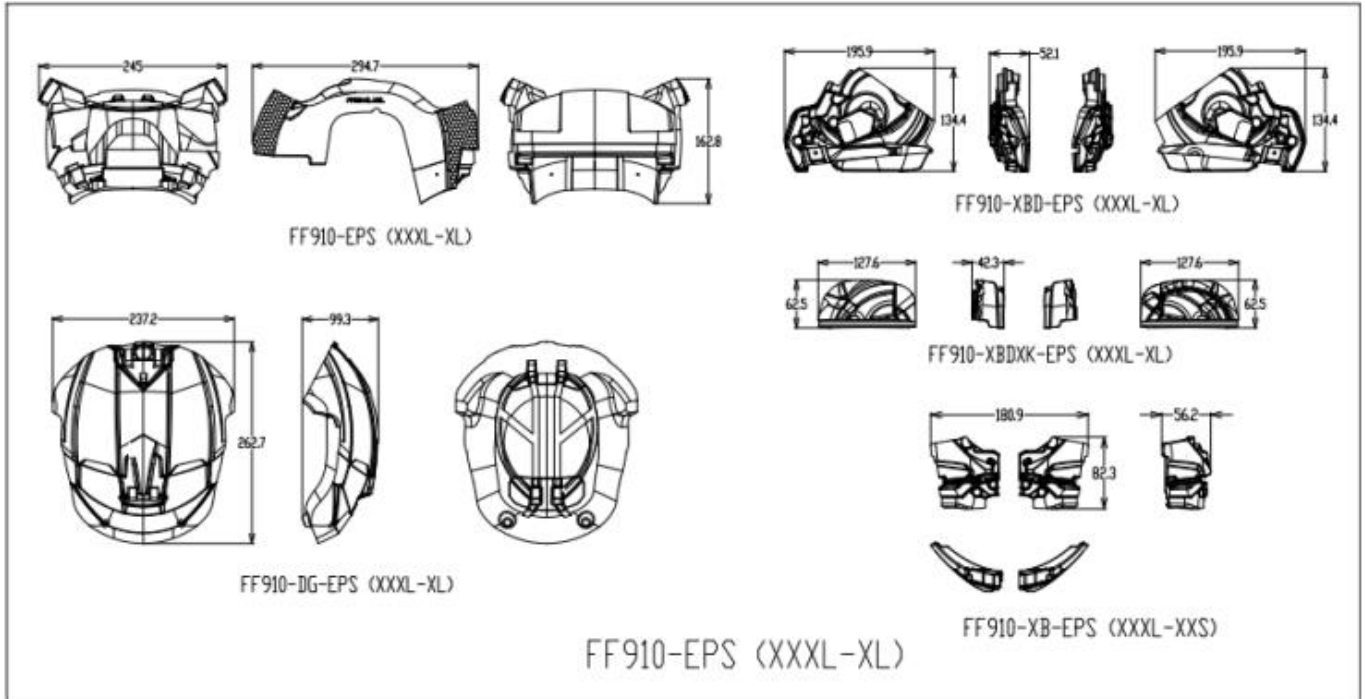


Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

**INFORMATION DOCUMENT**

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**Annex 4: Drawing of the protective padding**



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Number	Name	Parameter	Number	Name	Parameter
1	Protective padding	EPS			
<b>Description</b>	FF910 XXXL-XL Protective padding		<b>Code No.:</b>	FF910.4.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025



Type : FF910

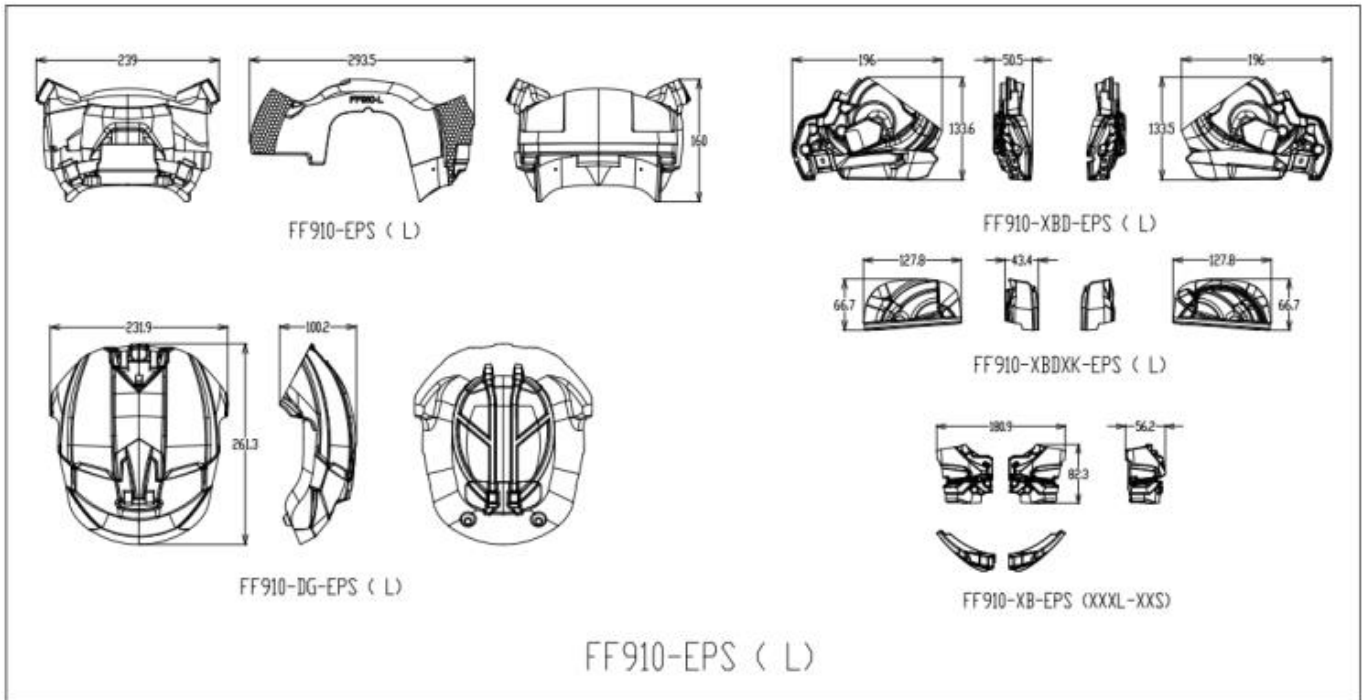
Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

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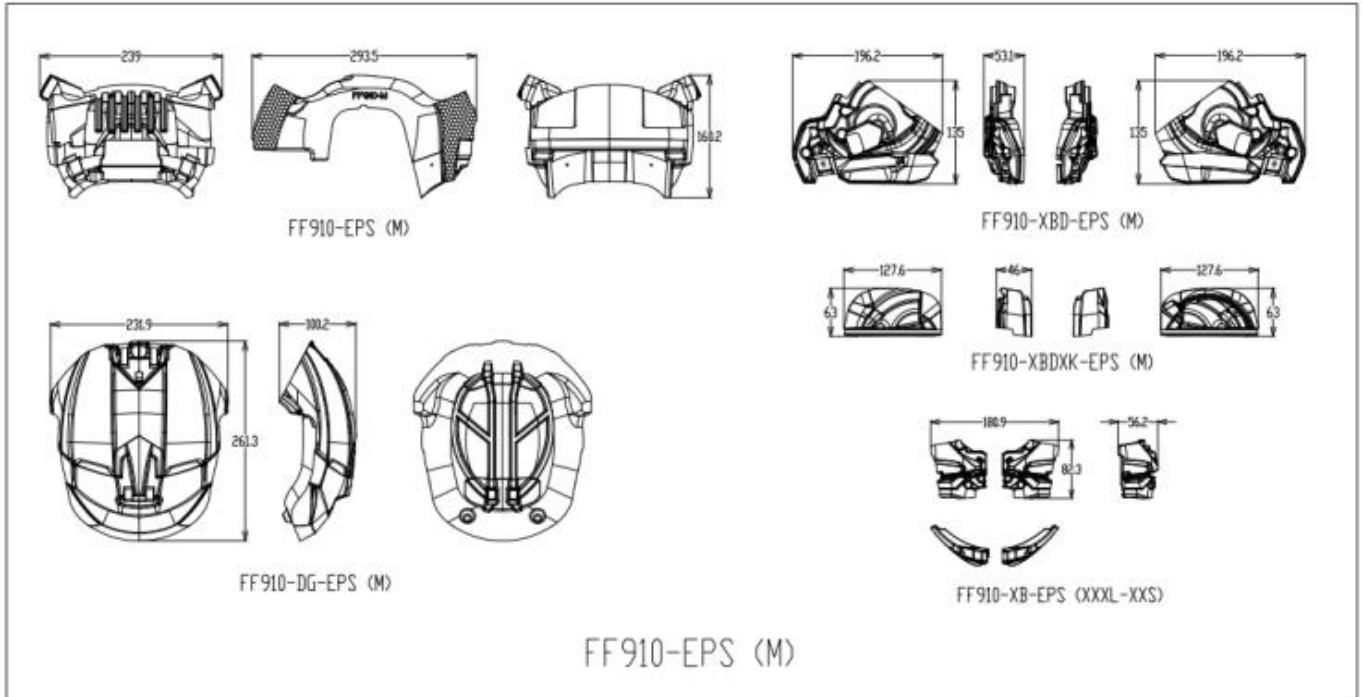
Number	Name	Parameter	Number	Name	Parameter
1	Protective Padding	EPS			
<b>Description</b>	FF910 L Protective padding		<b>Code No:</b>	FF910.4.2	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025



INFORMATION DOCUMENT

Type : FF910
Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

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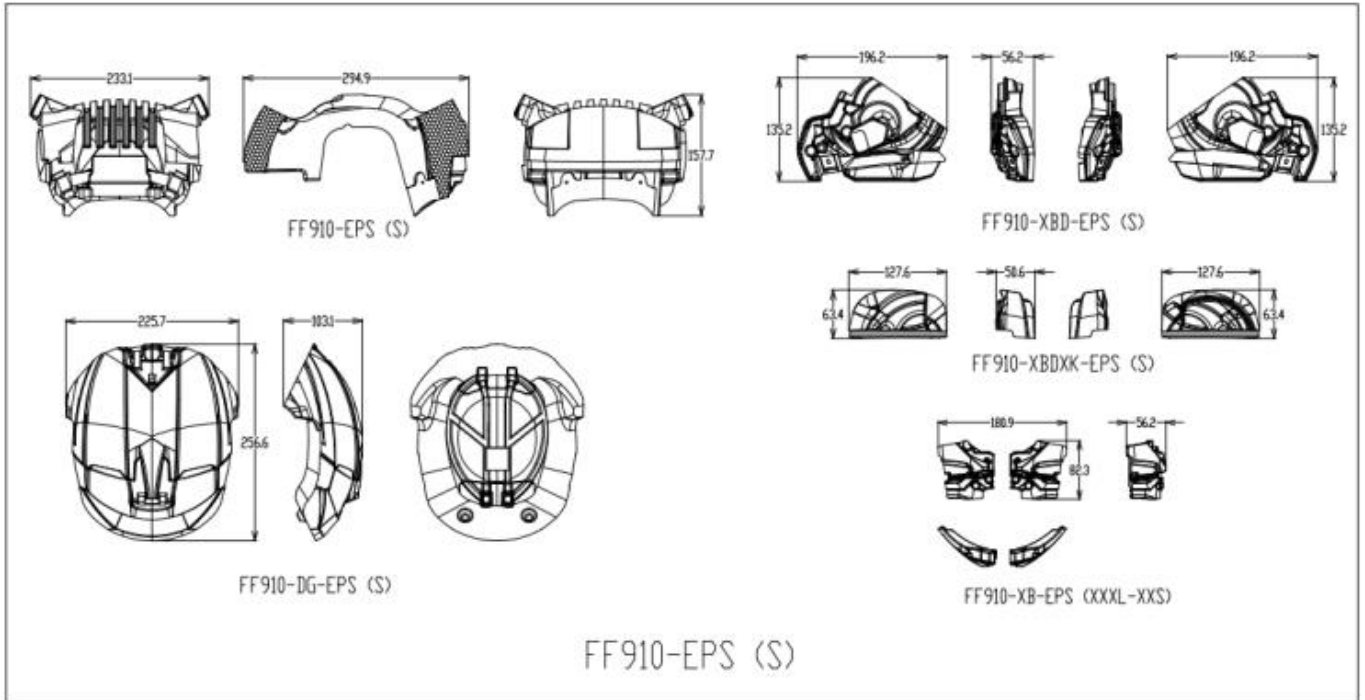
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Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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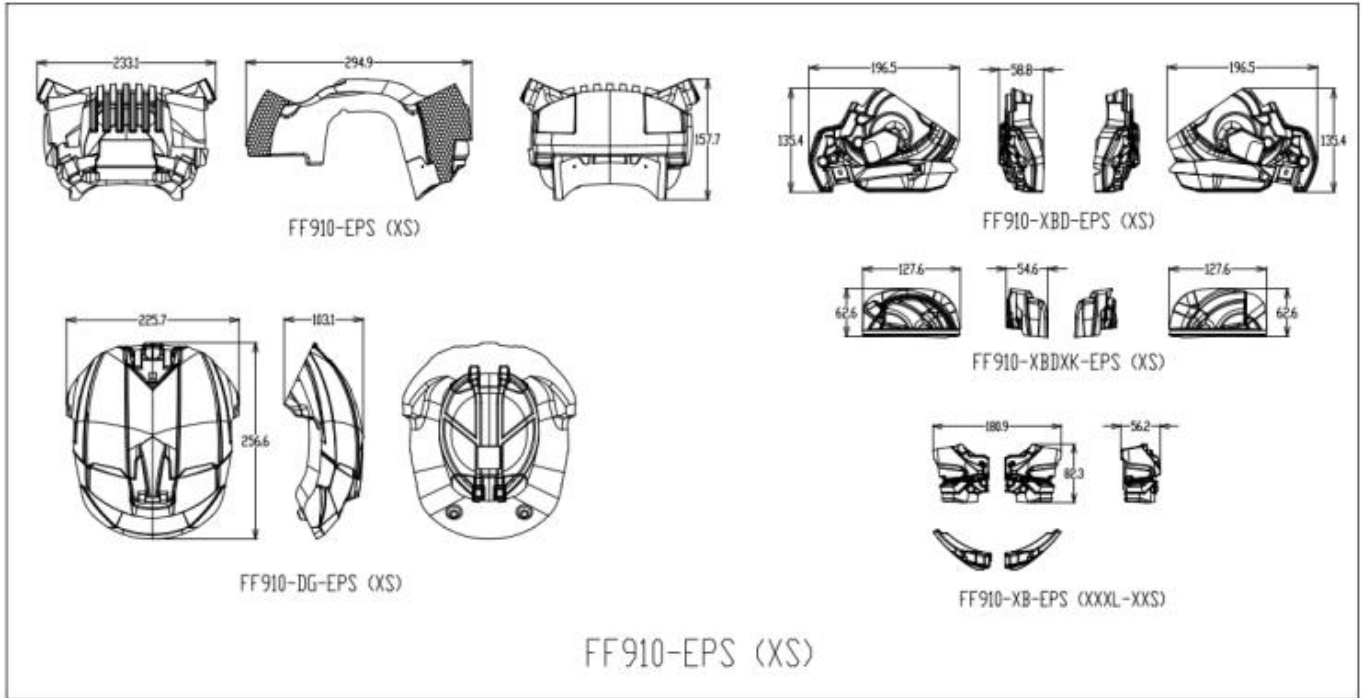
Number	Name	Parameter	Number	Name	Parameter
1	Protective Padding	EPS			
<b>Description</b>	FF910 S Protective padding		<b>Code No:</b>	FF910.4.4	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025



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 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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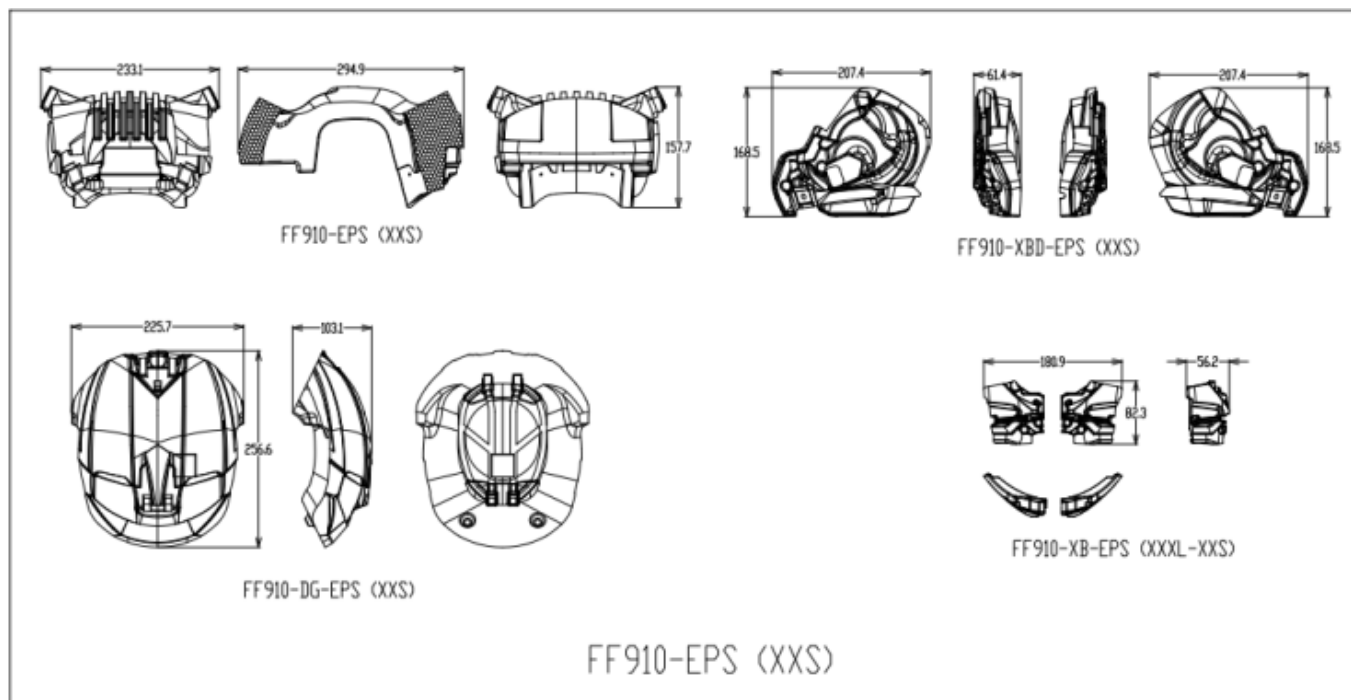
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1	Protective Padding	EPS			
<b>Description</b>	<u>FF910 XS Protective padding</u>		<b>Code No:</b>	FF910.4.5	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025



Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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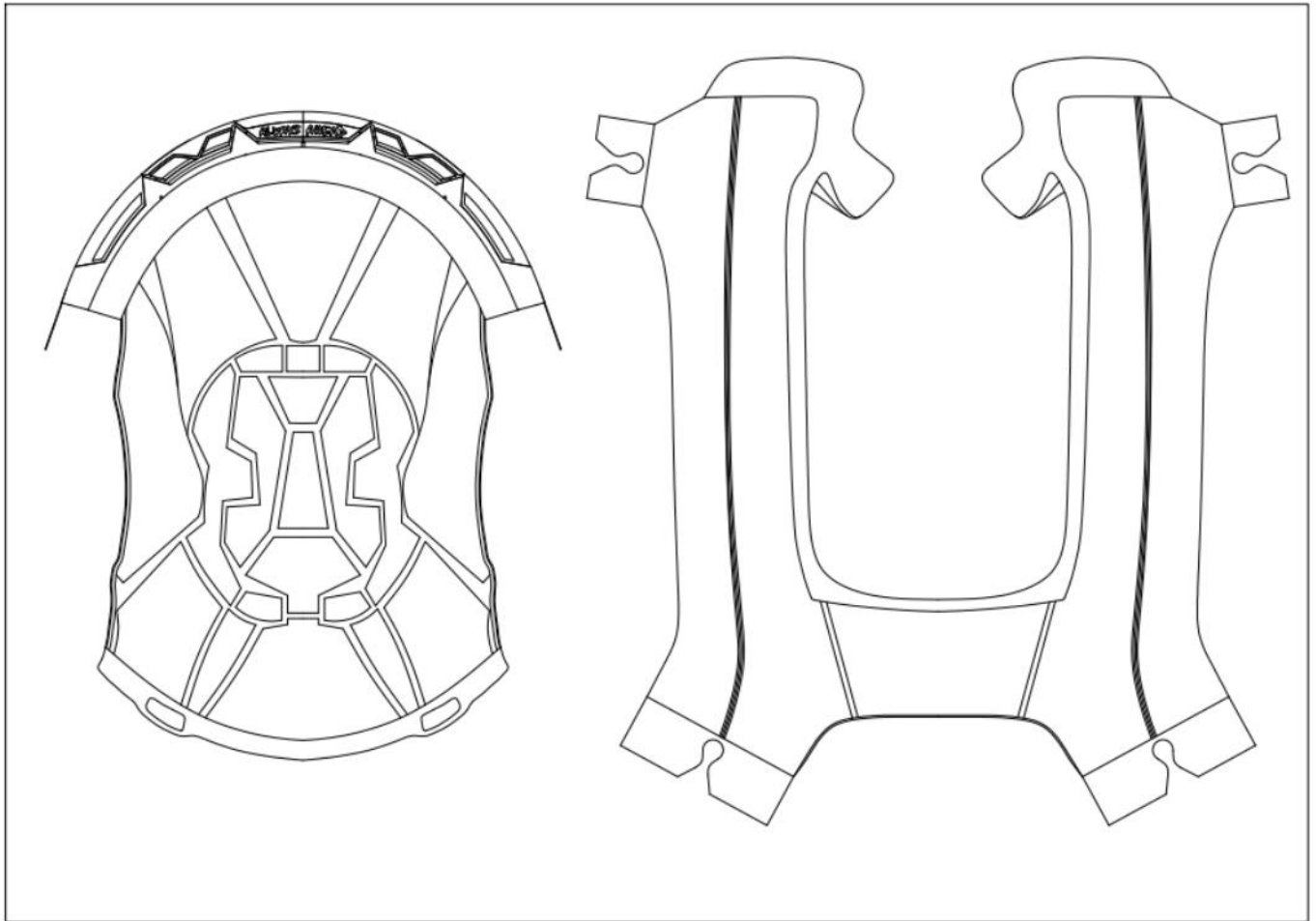
Unit: mm

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Number	Name	Parameter	Number	Name	Parameter
1	Protective Padding	EPS			
<b>Description</b>	FF910 XXS Protective padding		<b>Code No:</b>	FF910.4.6	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025	<b>Date:</b>	13.01.2025



**Annex 5: Drawing of the comfort padding**



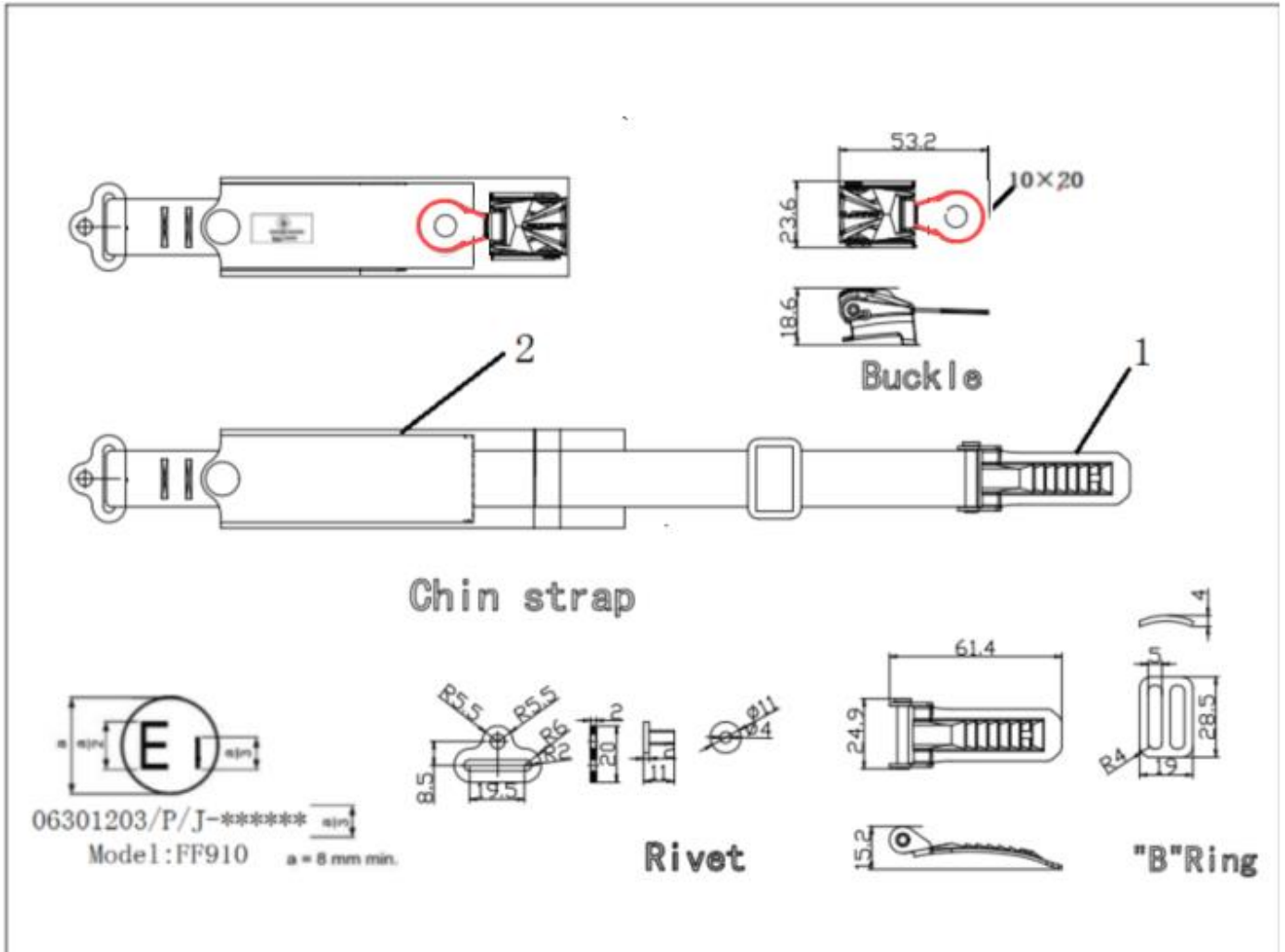
Unit: mm

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Number	Name	Material	Number	Name	Material
1	Comfort padding	Nylon			
<b>Description</b>	FF910 Comfort padding		<b>Code No.:</b>	FF910.5.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024	<b>Date:</b>	13.09.2024



Annex 6: Drawing of the retention system



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Number	Name	Material	Number	Name	Material
1	Buckle	Stainless steel	2	Chin Strap	Nylon
<b>Description</b>	FF910 Retention system (No.23 quick release mechanism, without Bluetooth)		<b>Code No:</b>	FF910.6.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024

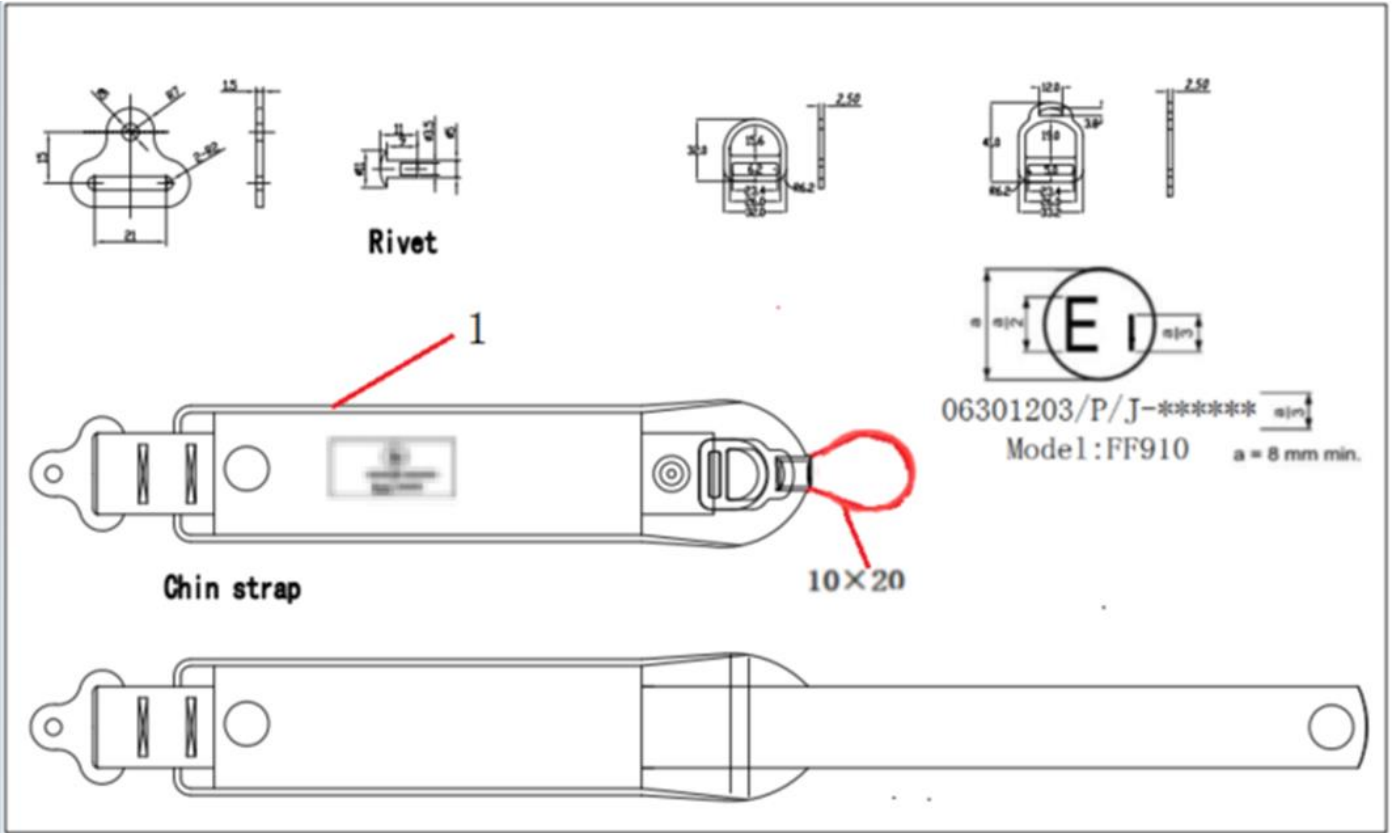




Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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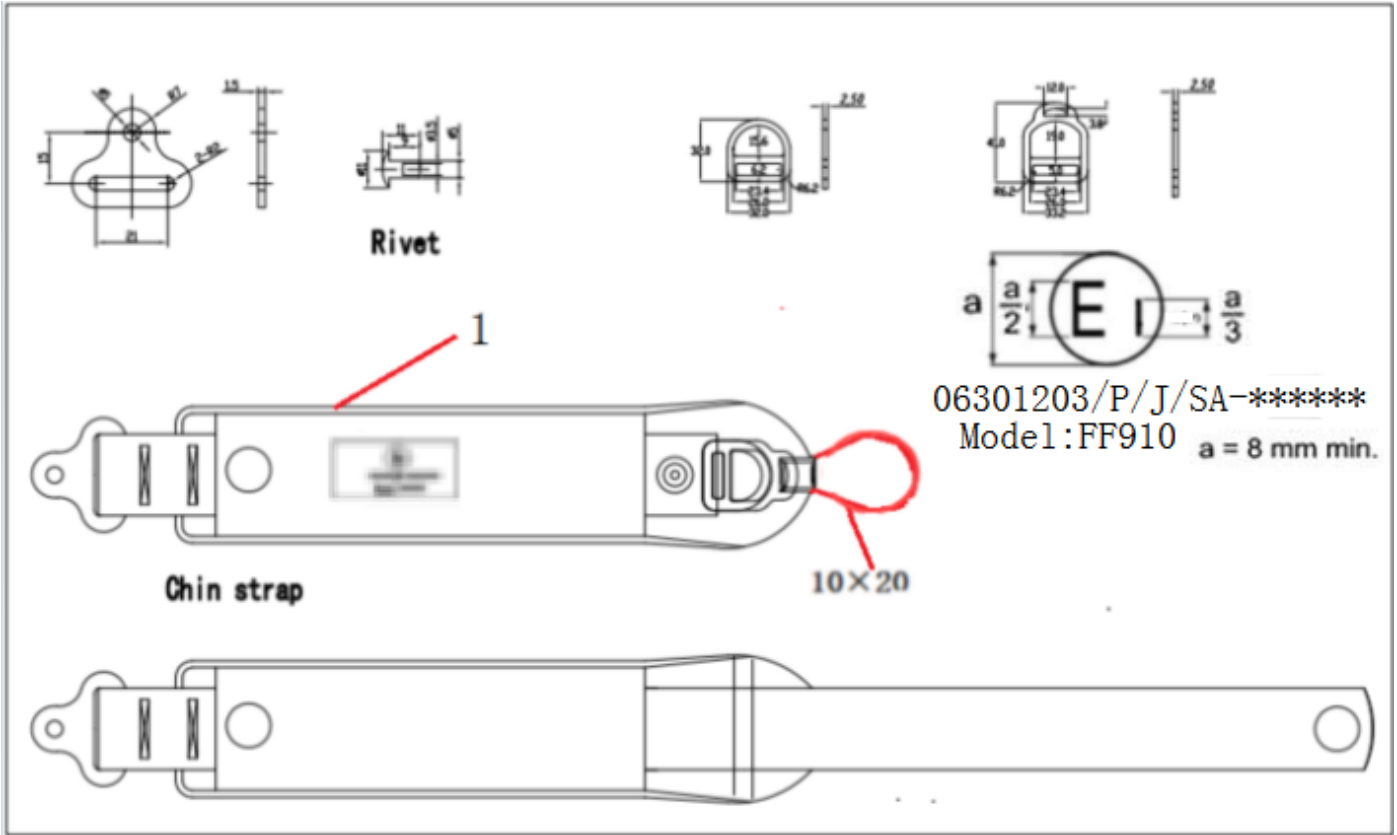
Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon			
<b>Description</b>	FF910 Retention system (Double-D ring release mechanism, without Bluetooth)		<b>Code No:</b>	FF910.6.3	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024



Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon			
<b>Description</b>	FF910 Retention system (Double-D ring release mechanism, with Bluetooth)		<b>Code No:</b>	FF910.6.4	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024

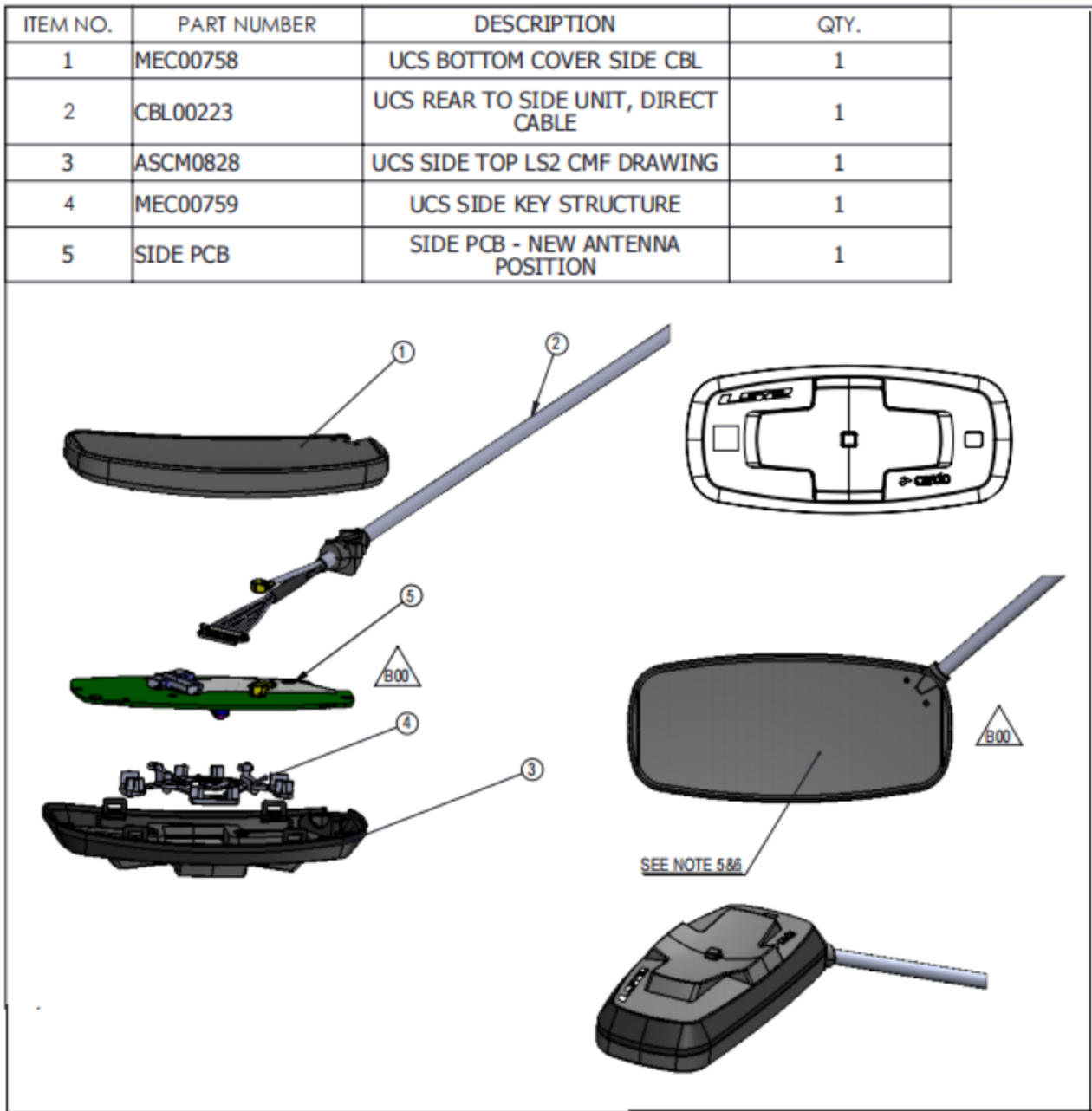


Type : FF910  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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**Annex 7: Drawing of the accessory**



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<b>Description:</b>	<u>Bluetooth UCS SIDE, SIDE CABLE ASSEMBLY</u>		<b>Code No.:</b>	<u>FF910.7.1</u>	
<b>Helmet Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Accessory Manufacturer:</b>	<u>CARDO SYSTEMS LTD.</u>				
<b>Address:</b>	101 E. Park Blvd., Suite 600, Plano, TX 75074, USA				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024



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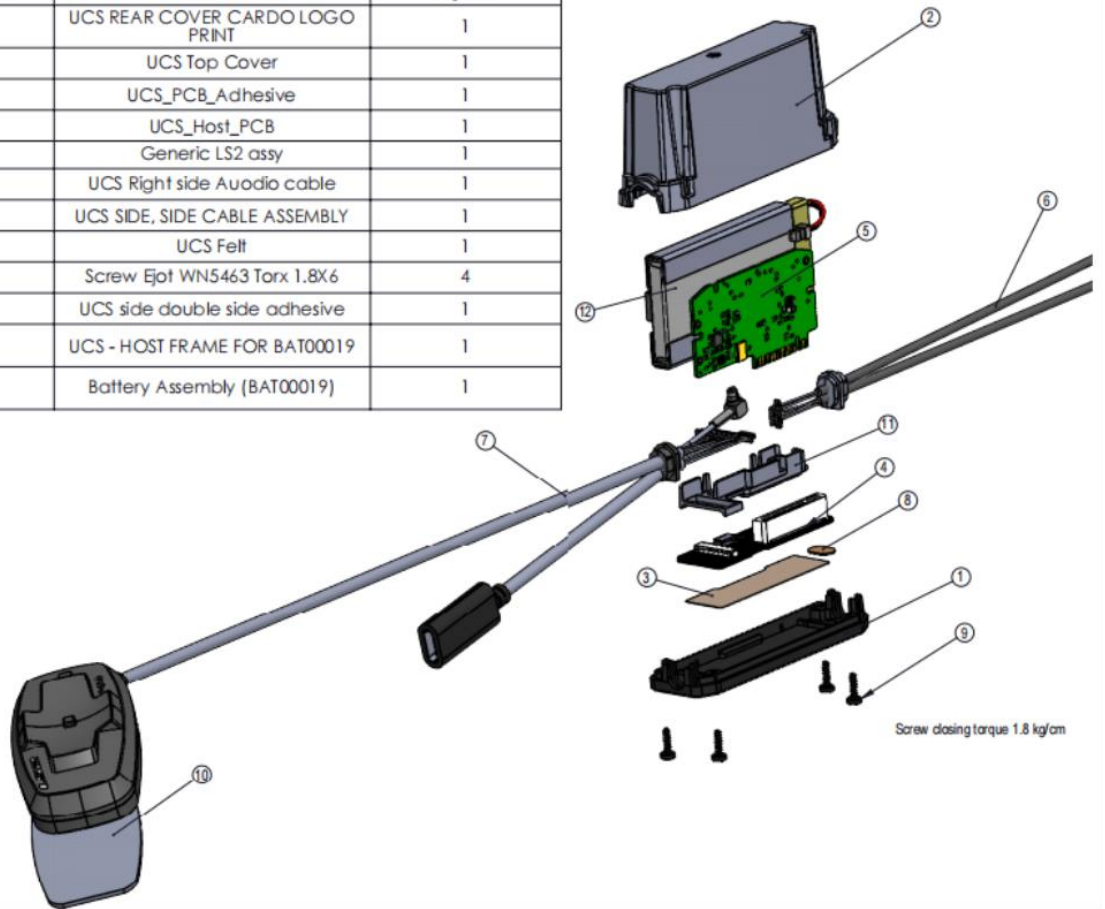
Type : FF910

Date: 13.01.2025

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASCM0837	UCS REAR COVER CARDO LOGO PRINT	1
2	MEC00723	UCS Top Cover	1
3	LBL00741	UCS_PCB_Adhesive	1
4	Host PCB	UCS_Host_PCB	1
5	Main PCB	Generic LS2 assy	1
6	CBL00217	UCS Right side Audio cable	1
7	ASCM0830	UCS SIDE, SIDE CABLE ASSEMBLY	1
8	LBL00750	UCS Felt	1
9	SCR00001	Screw Epot WN5463 Torx 1.8X6	4
10	LBL00767	UCS side double side adhesive	1
11	MEC00811	UCS - HOST FRAME FOR BAT00019	1
12	ASCM0867	Battery Assembly (BAT00019)	1



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<b>Description:</b>	Bluetooth UCS MAIN UNIT LS2 ASSEMBLY		<b>Code No.:</b>	FF910.7.2	
<b>Helmet Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Accessory Manufacturer:</b>	CARDO SYSTEMS LTD.				
<b>Address:</b>	101 E. Park Blvd., Suite 600, Plano, TX 75074, USA				
<b>Drawn by:</b>	XinShengLiu	<b>Checked by:</b>	XinShengLiu	<b>Approved by:</b>	XingCheng
<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024	<b>Date:</b>	02.12.2024



Type : FF910  
Manufacture : Jiangmen Pengcheng Helmets Ltd.

Annex 8: Information for wearer



**ALWAYS  
AHEAD**



**Download the manual**



**FR**

Pour assurer une protection suffisante, ce casque doit être bien ajusté et être solidement attaché. Tout casque qui a été soumis à un choc violent est à remplacer. Un casque OPEN FACE ne protège pas le menton en cas de choc.  
Attention! N'appliquer sur ce casque ni peinture, ni autocollant, ni essence, ni aucun autre solvant.

**ES**

Para asegurar una protección correcta, el casco debe estar bien ajustado y abrochado. Todo casco sometido a un choque violento tiene que ser reemplazado. Un casco OPEN FACE no protege la mandíbula en caso de choque.  
¡Cuidado! No aplicar pintura, adhesivos, gasolina u otros disolventes sobre la superficie del casco.

**IT**

Per garantire una buona protezione, il casco deve essere correttamente calzato ed allacciato. Ogni casco sottoposto ad un colpo violento, deve essere sostituito. Un casco OPEN FACE non protegge la mandibola in caso d'urto.  
Attenzione! Non applicare pittura, adesivi, benzina od altri solventi sulla superficie del casco.

**EN**

To assure complete protection this helmet must be a good fit and to be securely fastened. All helmets must be replaced if they are subject to impact damage. OPEN FACE helmets don't protect the chin in case of impact.  
Attention! Do not use any paint, glue, petrol or any other thinner on this helmet.

**DE**

Um ausreichenden Schutz gewährleisten zu können, muss dieser Helm gut passen und soll sicher befestigt werden. Alle Helme müssen, bei Beschädigungen, ersetzt werden. Ein Helm OPEN FACE dass Kinnstück ist nicht für Impact entwickelt.  
Achtung! Verwenden Sie bitte keine Farben, Aufkleber, Benzin oder andere Laugen, auf diesen Helm.



Congratulations on purchasing your new LS2 helmet. Please read these instructions carefully before use. They contain valuable information to help you obtain the most protection from your helmet and to ensure a longer life for your helmet. All our products come from the most advanced research in terms of active security and design. The very high level for aerodynamism and comfort will get you the best performance all along the road. Whatever can be your choice leisure, tourism, racing, one of the helmets from the LS2 range is the best solution for your active protection.

1. Read these instructions thoroughly before using your helmet for the first time and store them safely for future reference.
2. A helmet like all products may wear out over time depending upon its use and the amount of care that is given. Please check your helmet every time before use for damage and do not use a damaged helmet. The most known standards of homologation recommend a helmet life of five years. LS2 agrees with their recommendation even though your helmet does not show any signs of malfunction, visible damage or defect. We strongly recommend you replace your helmet five years after the original date of purchase. See also "ONE IMPACT RULE" of item 3 in this manual, which says clearly "helmet is designed to help absorb one impact".
3. If you have any questions or comments concerning this helmet, please contact your nearest LS2 dealer or agent. Note that these specifications are subject to change without notice, as we continually strive to improve our products.

### HOW TO CHOOSE A HELMET AND WEAR IT CORRECTLY

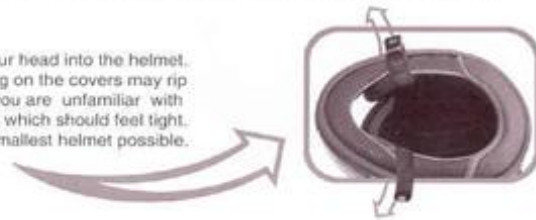
No helmet can protect the wearer against all foreseeable high speed and low speed impact, however, for maximum head protection the helmet must be of proper fit and the retention system must be securely fastened under the chin. Failure to have proper fit and to securely fasten the helmet is dangerous as the helmet could come off in an accident resulting in severe head injury or death.

#### 1 To determinate proper fit.

- 1.1. Measure your head size. Wrap a tape measure horizontally around your head at the height of about 2.5 cm above your eyebrows. This will establish the longest measurement around your head.
- 1.2. Select the helmet that is the closest match to your head size. If your head size should fall between two helmet sizes, try on the smaller one first.

#### 2 Try the helmet on

- 2.1. Expand the helmet opening by the straps, and slide your head into the helmet. Pull the chin straps only, not the chin straps cover, pulling on the covers may rip them. If the helmet is not tight, it is too big for you. If you are unfamiliar with helmets you may be reluctant to pull down the helmet which should feel tight. Even if you feel it is difficult to put it on, please use the smallest helmet possible.



#### 3 Check for a proper fit. With the helmet, go through the following checklist to determine whether the helmet is the correct size.

- 3.1. Make sure the inner lining fits snugly all around your head.
- 3.2. Make sure the top pad presses closely to the top of your head.
- 3.3. Check whether the cheek pads are in contact with your cheeks.
- 3.4. Make sure there is no space between inner lining and brow where you could insert your finger.
- 3.5. Now, take hold of the helmet with a hand on each side. Without moving your head, try to move the helmet up and down, and side to side. You should feel the skin of your head and face being pulled as you try to move the helmet. If you can move the helmet around easily, it is too big. Try a smaller size.



#### 4 Check the retention system and go through the following steps.

- 4.1. Fasten the chinstrap as tight as possible without causing you pain (see diagram 2). There must be no slack in the strap and it must be tight up against your chin.
- 4.2. With the chinstrap secured, put your hands flat on the back of the helmet and try to push the helmet off by rotating forward.
- 4.3. Next, put your hands on the front of the helmet above your forehead (or on the chinguard) and try to push the helmet off by rotating it toward the rear.
- 4.4. If the helmet starts to come off in either direction, do not use the helmet, either the helmet is too large for you or the chin strap is not tightened enough.



ENGLISH

Tightening the chinstrap correctly is extremely important. Try to pull down on the chinstrap with the tips of your fingers if the strap is not against your chin or loosens, you have not properly put the strap through the D rings. Start again (see diagram 2) if your chinstrap is loose, the shock of an impact may knock your helmet off, leaving your head completely unprotected. Do not use a helmet that can be rolled off the head with the chinstrap fastened, since it may come off in an accident, resulting in death or serious personal injuries.

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**D RING:** To securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown in diagram 2 and put it tight against your throat. Clip the chin strap end hook on the D ring as shown in diagram 2 to secure the loose end of the chin strap after it's securely fastening the chin strap. The only function of the chinstrap end hook fitted on the end of the chinstrap is to avoid fluttering of the end part of the chinstrap.

**Quick-release retention system:** To fasten the strap, push the metal tongue firmly into the buckle until it locks with a click. Pull the strap tight and pass the end of the strap through the strap ring or ladder to secure it. To release the strap, press the two catches inward (or slide the catches down).

## SAFETY RECOMMENDATIONS

### 1

**No helmet can protect wearer against all foreseeable high speed and low speed impacts.**

However, for maximum head protection, the helmet must be of proper fit and retention system must be securely fastened under the chin. The helmet should allow peripheral vision when secure on your head. If your helmet is too large, it may sleep or move on your head while riding which may make it possible for your helmet to come off in an accident or to obstruct your vision while riding. In the first case, your helmet will not protect your head in an accident, which can result in serious personal injury or death and in the second case, if you cannot see you may have an accident.

### 2

**Use only a helmet that fits snugly all around your head, and fasten the chinstrap securely under your chin.**

Expand the helmet opening with your hands, and slide your head into the helmet. Please check whether the helmet fits properly according to the checklist (paragraph 3, page 3). Pull the chinstraps only, not the chinstraps covers. Pulling on the covers may rip them, if the helmet is not tight, it is too big for you. To securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown, and pull it tight up against your throat. In the case of quick-release retention system, refer to upper paragraph. If your chinstrap is loose, the shock of an impact may knock your helmet off leaving your head completely unprotected resulting in serious personal injury or death.

### 3

**Helmets are designed to help absorb ONE impact. After your helmet has protected you from an impact, you must get a new one.**

Your helmet is designed to distribute the force incurred during an impact over a wide area. Even if your helmet looks undamaged externally its useful life is finished after one impact during riding, for example, a capsize or accident where you and your helmet hit the ground or some object. In an impact, the helmet's impact absorbing liner becomes compacted. Once this has happened, the helmet no longer has the ability to absorb further impacts. Your helmet may look the same, but it will not provide protection in an accident. If you have any doubts, for example, if you drop your helmet or if it is hit by something and you are not sure if this one impact rule applies, consult your LS2 dealer before you use the helmet again.



### 4

**Clean your helmet carefully.**

Never use hot or salt water, benzene, gasoline, glass cleaner or other solvents. Your helmet could be seriously damaged by these substances, without showing any apparent visible damage. A helmet damaged or weakened by a cleaning agent may not provide head protection in an accident resulting in serious personal injury or death. The correct way to clean a helmet is to mix 5 or 6 drops of mild soap in a quart of warm water. Dampen a soft cloth with this solution and wipe the helmet clean. Rinse with a wet cloth.

### 5

**Never modify your helmet.**

It is very dangerous to drill holes or cut the shell and/or the shock absorber liner. Modifications can seriously weaken the helmet. Modifying the retention system weakens it, and it may snap in an impact. Removing parts such as the mouth guard or rubber face trim can expose edges, which may injure you in an accident. Always use approved LS2 parts when replacing shields, screws, or any other parts. A weakened helmet will not provide protection.

### 6

**Don't mistreat your helmet.**

Never ride with the helmet hanging from the helmet holder, and don't hang the helmet from angled supports like a mirror. Don't sit on your helmet or throw it around. You should not expose the liner of your helmet to strong sunlight and excessive heat such as near heaters or where temperatures exceed 50° C (122 F). Avoid the spray of insect repellent chemicals (such as "naphtalene") near the helmet. Mistreating your helmet will damage the shell and impact absorbing liner and reduce the helmet's ability to protect you in an accident.

### 7

**Always check your helmet before riding off.**

1. Check the shield and visor screws, and retighten them if necessary.
2. Check for cracks in the helmet. Strong acid (for example, battery acid) can damage the shield base. If you find cracks or damage, stop using the helmet immediately.
3. Plastic components may start to wear out about 5 years after manufacture. If you find deterioration in any part of a component, either replace that component or get a new helmet. If these parts come loose and / or fall off while you are riding, your vision may be blocked which could cause an accident resulting in serious personal injury or death.
4. Check the security of the retention system
5. Make sure that the center pad (or comfort liner) and the cheek pads are attached before you use the helmet.



ENGLISH

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### 8

#### **Maintain your helmet shield in good condition.**

If your shield becomes too scratched or undeanable, replace it with a new one. Impaired visibility causes accidents. Clean your shield with mild soapy water, rinse well with clean water, and dry with a soft cloth. Never use benzene gasoline, glass cleaner or any other solvents. Do not attach stickers or adhesive tape to the shield, as this will weaken the hard coating. This can damage the shield. Do not drive with a dim or blurred face shield. Impaired vision can cause an accident resulting in serious personal injury or death.

### 9

#### **Do not repaint the helmet.**

We do not recommend you repaint the helmet, because paint and thinner can damage the materials used in the helmet construction. A helmet damaged weakened by a paint agent may not provide head protection in an accident resulting in serious personal injury or death. If you must paint your helmet, please consult your LS2 dealer.

### 10

#### **Remember: helmets block important sounds and reduce awareness of environmental changes.**

When you wear a helmet, especially a full-face type, you are somewhat isolated from the environment around you. Weather changes can catch you unprepared: sudden showers or temperature variations as you enter or leave tunnels or climb mountain roads can cause unexpected misting of your shield and loss of visibility. Do not drive with a fogged face shield. Wearing a helmet also reduces your ability to hear traffic sounds, especially of high speed. With a full face helmet, opening and closing the shield makes a major difference in how much you can hear. For safe riding be aware of how your helmet type, your speed, affects your perception of road conditions and whether your shield is open.



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