

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning⁽¹⁾:

- ~~- approval granted~~
- approval extended
- ~~- approval refused~~
- ~~- approval withdrawn~~
- ~~- production definitely discontinued~~

of a type of safety-belt or restraint system for adult occupants of power-driven vehicles pursuant to Regulation number 16.

Approval number: E4-16R-0639222

Extension number: 02

Approval mark



1. Restraint system : (with)/~~three-point belt~~ /lap belt /~~special type belt~~ / fitted (with) energy absorber / retractor / device for height adjustment of the upper pillar loop⁽²⁾
2. Trade name or mark : 
3. Manufacturer's designation of the type of belt or restraining system : KS28.175M
4. Manufacturer's name : Quanzhou Kwok Shing Automobile Subassembly Co., Ltd,
5. If applicable, name of his representative : Quanzhou Fuxing Plastic Hardware Co., Ltd.
6. Address : Kwok Shing Mansion, Wanggong Industrial Area, Quanzhou City, Fujian Province, P.R. China
7. Submitted for approval on : March 17.2009
26.04.2014
29.05.2015



8. Technical service responsible for conducting approval tests : IDIADA Automotive Technology, S.A.
L'Albornar, P.O. Box 20
43710 Santa Oliva (Tarragona)
Spain
9. Date of test report issued by that service : April 3.2009
28.05.2014
29.05.2015
10. Number of test report issued by that service : K109-A0-0309-2588
CN14050269
CN15050305
11. Reason(s) of extension (if applicable) : 1) To extend the version from 16.05 to 16.06.
12. Type of device : deceleration /-~~acceleration~~⁽¹⁾
13. Approval : ~~granted/refused/extended/withdrawn~~⁽²⁾ / for general use / ~~for use in a particular vehicle or in particular types of vehicles~~⁽¹⁾⁽³⁾
14. Position and nature of the marking : Label stitched at lower outer sill anchor bracket on long end assembly
15. Place : Zoetermeer
16. Date : 14-JUL-2015
17. Signature : 
P. Berger
18. Annexed to this communication is a list of documents in the approval file deposited at the administration services having delivered the approval and which can be obtained upon request.
- Application form, relating to ECE approval for a type of safety belt or restraint system pursuant to Regulation number 16.
 - Description including drawings and specifications.
 - Test report.

⁽¹⁾ Strike out what does not apply.

⁽²⁾ Indicate which type.

⁽³⁾ If a safety-belt is approved following the provisions of paragraph 6.4.1.3.3. of this Regulation, this safety-belt shall only be installed in an outboard front seating position protected by an airbag in front of it, under the condition that the vehicle concerned is approved to Regulation number 94, 01 series of amendments or its later version in force, or to the European Community Directive 96/79/EC.

REPORT No. CN15050305**ACCORDING TO THE APPROVAL OF SAFETY BELTS FOLLOWING REGULATION 16.06/ECE
EXTENSION II**

Applicant : Quanzhou Kwok Shing Automobile Subassembly Co., Ltd
Kwok Shing Mansion, Wanggong Industrial Area, Quanzhou City,
Fujian Province, P.R.China.

Manufacturer : Quanzhou Kwok Shing Automobile Subassembly Co., Ltd,

Make : KS28()

Type : KS28.175M

Category : B

Place and date of issue of report : L'Albornar, Santa Oliva (Tarragona),
29/05/2015

CONCLUSIONS: Modifications introduced, as detailed in the Annex attached to this report, are extension of homologation with respect to formerly certified type performed by this technical department (Test Report No. K109-A0-0309-2588, CN14050269) and **FULFIL** the requirements of seat belts according to Regulation No. 16.06/ECE. Supplement 05.

Performed by

John Jiang
TEST ENGINEER

Revised by:

Lluís Sans Gomis
DEPARTMENT MANAGER

CN15050305



EXTENSION REASON

INTRODUCED MODIFICATIONS

Extension reason:

- 1) To extend the version from 16.05 to 16.06.

Place: Shanghai, China

Date: 22/05/2015



蒋峰

John Jiang
TEST ENGINEER

TECHNICAL DOCUMENTATION



INFORMATION DOCUMENT No.: KS28.175M-00

**relating to EC component type-approval of safety belts and restraint systems (77/541/EEC) as
last amended by Directive 2005/40/EC
ECE Regulation 16.05 Part I (component approval)**

Extension reason:

1) To extend the version from 16.05 to 16.06.

0. GENERAL

0.1. Make (trade name of manufacturer) : KS28 

0.2. Type and general commercial description(s) : KS28.175M

0.5. Name and address of manufacturer : Quanzhou Kwok Shing Automobile Subassembly Co., Ltd., Kwok Shing Mansion, Wanggong Industrial Area, Quanzhou City, Fujian Province, P.R. China
0.6 name of his representative [Quanzhou Fuxing Plastic Hardware Co., Ltd.](#)

0.7. In the case of components and separate technical units, location and method of affixing of the EC/ECE approval mark : Label stitched at lower outer sill anchor bracket on long end assembly.

0.8. Address(es) of assembly plant(s) : Same as above item 0.5

1. LIST OF VEHICLE(S) TO WHICH THE DEVICE IS INTENDED TO BE FITTED (if applicable)

Make : ---
Vehicle type : ---
Vehicle category : ---
Location : For general use

2. DESCRIPTION OF THE DEVICE

2.1. Safety belt

2.1.1. Configuration of safety belt (two-point belt, three-point belt, static, automatic) : The assembly is a 2 point lap configuration providing pelvic restraint. The short end assembly comprises of a webbing type buckle assembly.

Anchorage points : 1 anchorage point for the lower inner fixing - fixing anchor bracket
1 anchorage point for the lower inner fixing - buckle assembly.
All of the above anchorage points are located on the vehicle body structure.



**relating to EC component type-approval of safety belts and restraint systems (77/541/EEC) as
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2.1.2. Details of webbing

Long-end assembly	:	
Length:	:	1070 ± 10 mm
Material	:	Polyester, Piece Dyed
Weaving pattern	:	1:2 Broken Twill (5 Panel)
Width	:	46.0 – 48.0 mm
Colour	:	07
Reference (P/N etc.)	:	A07
Buckle assembly	:	
Length:	:	305 ± 10 mm
Material	:	Polyester, Piece Dyed
Weaving pattern	:	1:2 Broken Twill (5 Panel)
Width	:	46.0 – 48.0 mm
Colour	:	07
Reference (P/N etc.)	:	A07

2.1.3. Type of retractor (designation of retractor as per item 1.1.3.2.2 of Annex III to Directive 77/541/EEC)	:	Not applicable
Mechanism	:	
Vehicle Sensitivity	:	
Webbing Sensitivity	:	
Inclination in relation to transversal plane	:	
Inclination in relation to longitudinal plane	:	
Reference	:	-

2.1.3.1. Information on additional functions, if applicable	:	Not applicable
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2.1.4. Drawing of the rigid parts (as per item 1.2.1 of Annex I to Directive 77/541/EEC)	:	
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Description	Part Number	Page
Tongue assembly	KS28.154BM.1-1	8
Buckle mounting bracket	KS28AM.175M.2-1	9
Belt connecting plate	KS28AM.175M.2-2	10
Webbing details	-	11
E-mark label drawing	-	12

Note: Part numbers are moulded on the each part

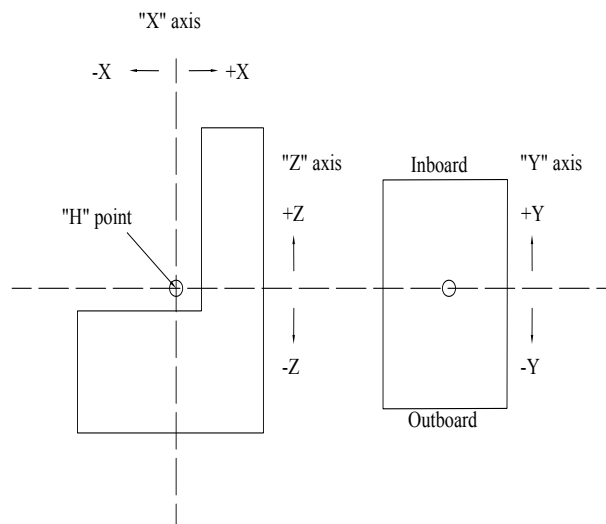
relating to EC component type-approval of safety belts and restraint systems (77/541/EEC) as
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- 2.1.5. Diagram of the safety belt assembly
enabling identification and location
of rigid parts :

Description	Part Number	Page
Photograph of the safety-belt assembly	-	5
Long-end assembly	1B24982200005	6
Buckle assembly	1B24982200006	7

- 2.1.6. Mounting instructions showing,
inter alia, the installation of the
retractor and its sensing device :

Anchorage Point Details (Installation)



VEHICLE : ---
SEAT POSITION : ---
SEAT MOVEMENT : 0 mm longitudinal
0 mm transversal
SEAT REFERENCE POINT : Rearmost seat position
RESTRAINT : NO.



Each anchorage points in relation to H-point	(Transverse) "X" – AXIS (L)	(Longitudinal) "Y" – AXIS (W)		(Horizontal) "Z" – AXIS (H)
		Left	Right	
Buckle	115	-250	+250	-156
Lower Anchor	150	300	-300	-176

NOTE: The vehicle with coordinates according to Technical documentation 2.1.6 with a tolerance of ± 50 mm.

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2.1.7. If a device for adjusting the belt height is present, state whether it is considered to be part of the belt : Not applicable
Travel :
Number of positions :
Assembly bolts :

2.1.8. In the case of a pre-loading device or system, a full technical description of the construction and function including any sensing device, describing the method of activation and any necessary method to avoid inadvertent activation : Not applicable

2.2. Restraint system Not applicable

In addition to the information required in 2.1 above

2.2.1. Drawing of the relevant parts of the vehicle and any seat anchorage reinforcements :

2.2.2. Drawing of the seat, showing its structure, adjustment system and fixing components, with an indication of the material used :

2.2.3. Drawing or photograph of the restraint system as installed :

2.3. Child restraint system Not applicable



Note : This seat belt is not made up of materials with properties of Polyamide 6 as regards water retention.
These materials are prohibited in all mechanical parts for which such a phenomenon is likely to have an adverse effect on their operation.

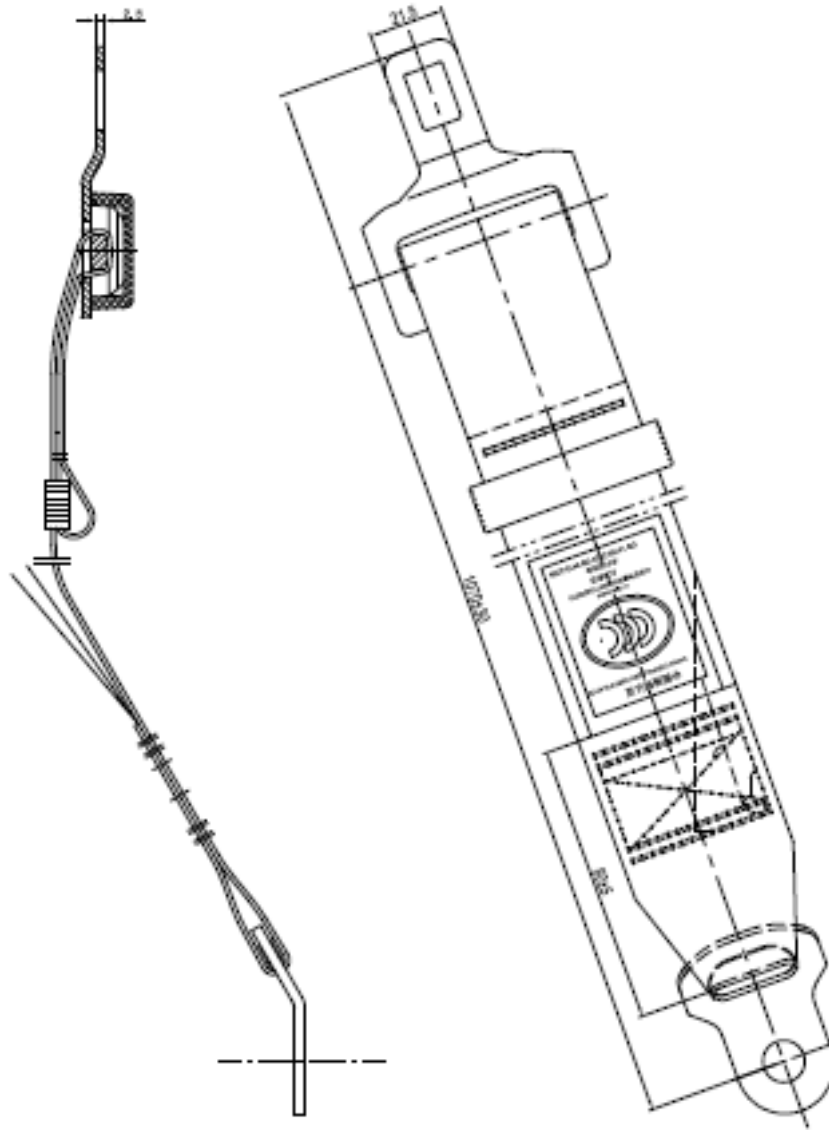
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Photograph of the safety-belt assembly



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Long-end assembly

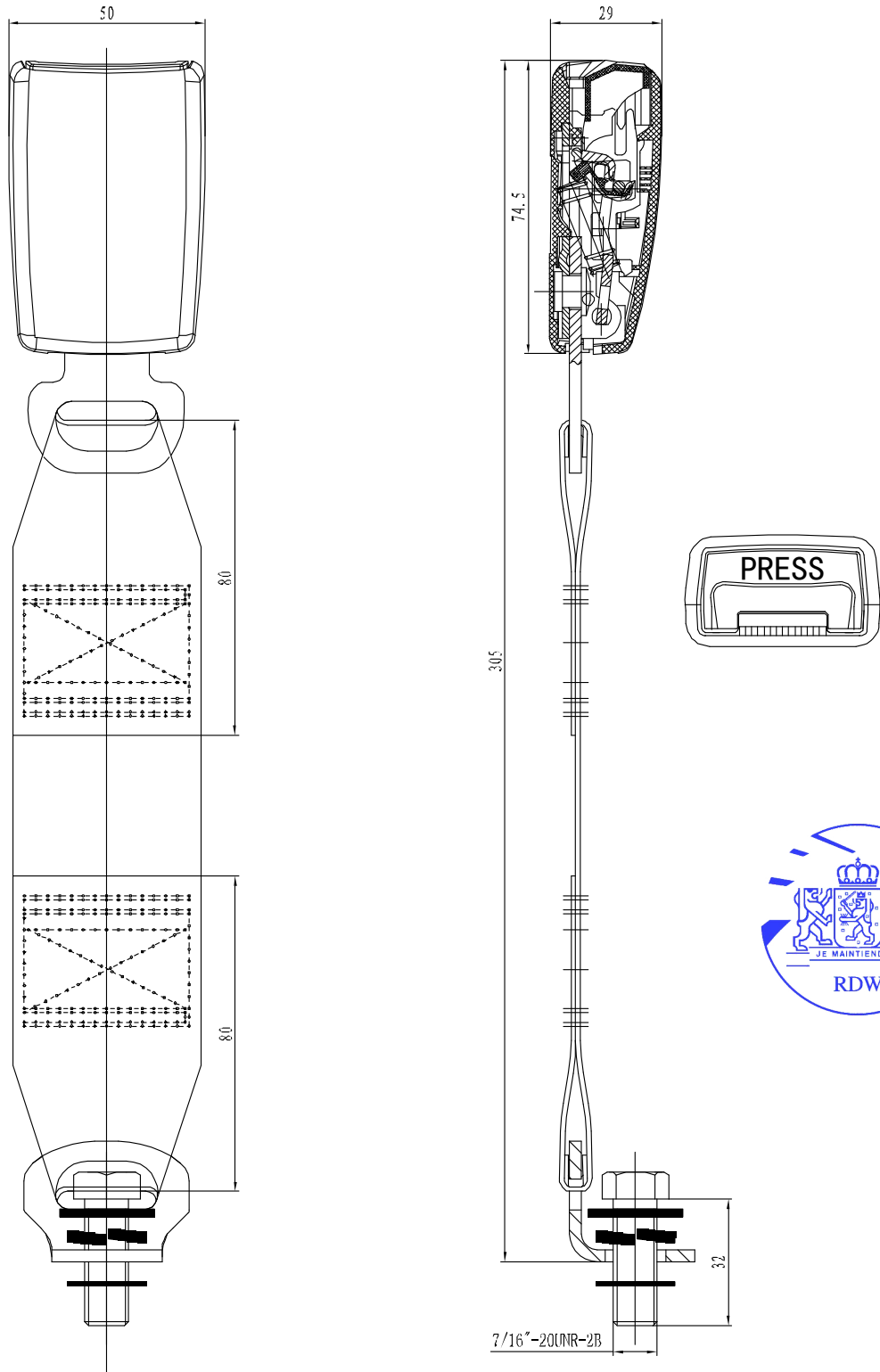


图号: KS28.175M.1,



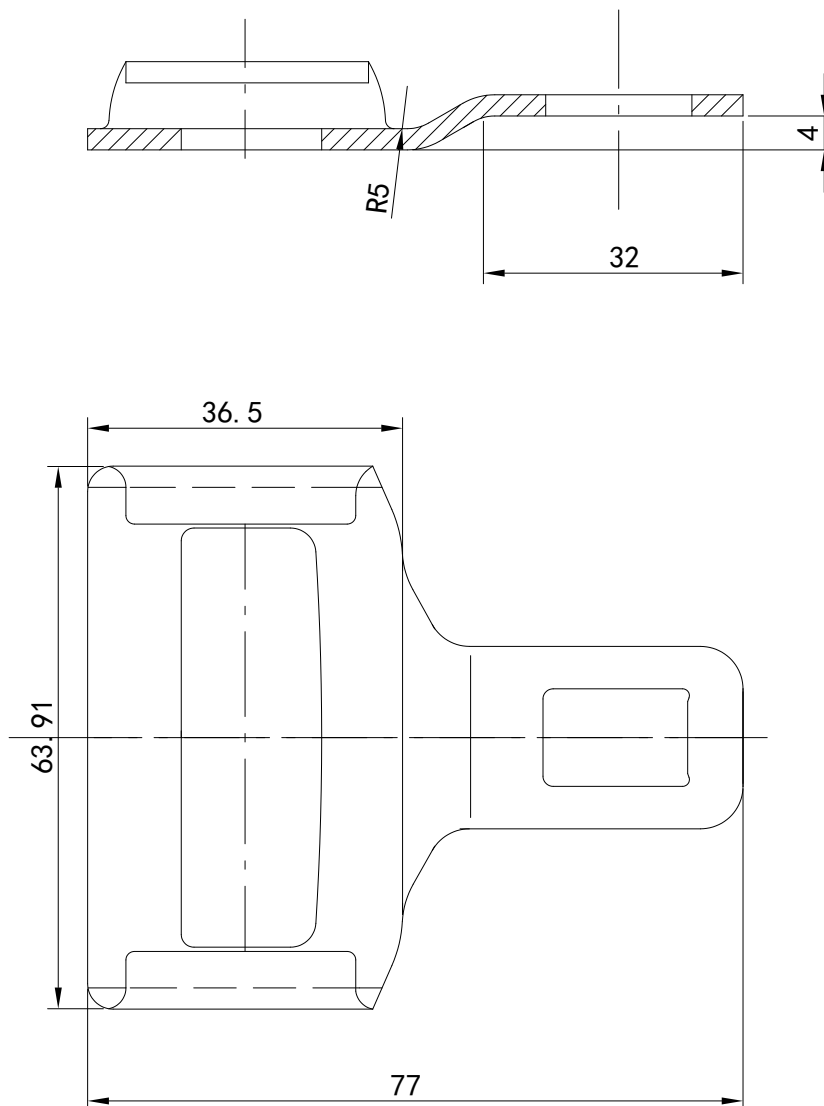
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Buckle assembly



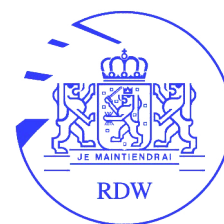
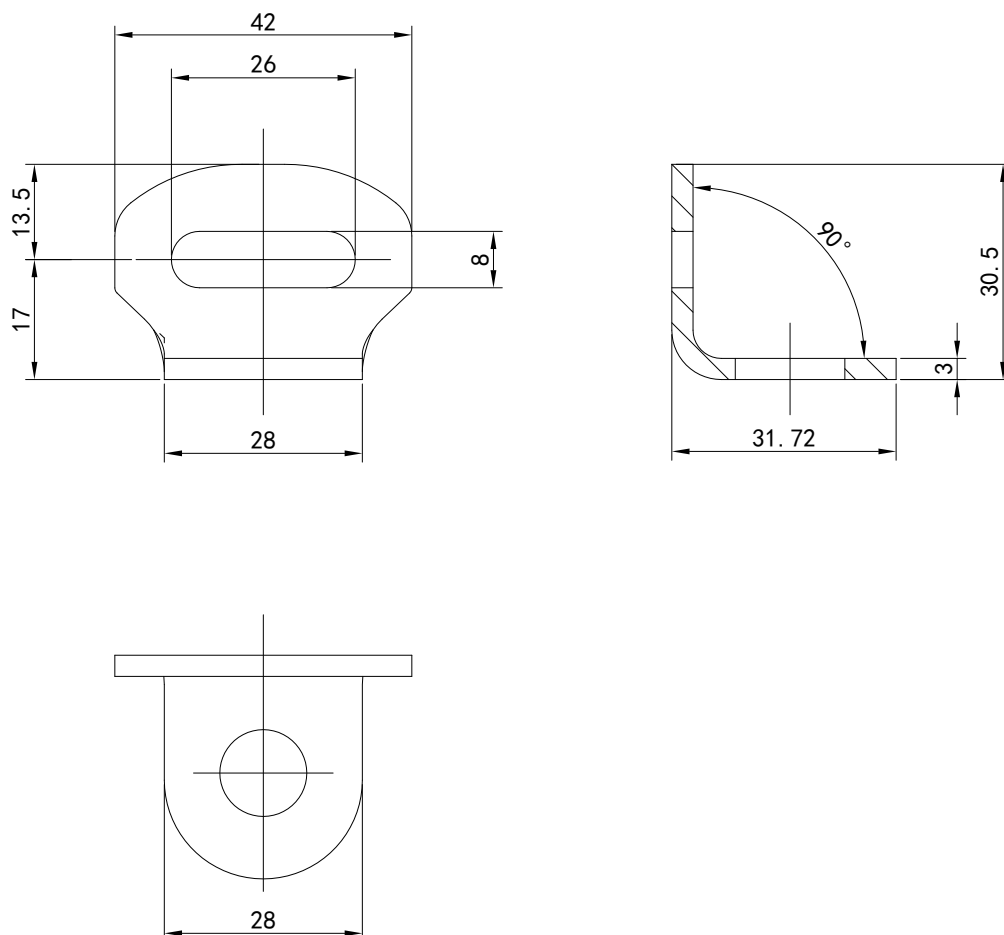
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Tongue assembly



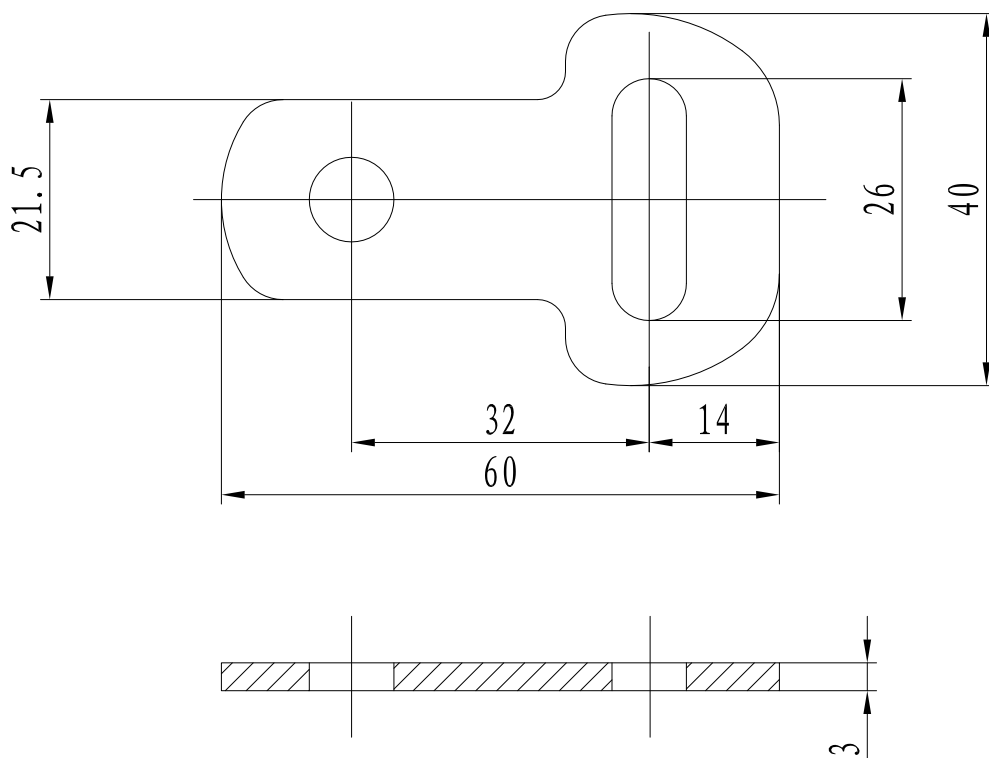
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Buckle anchor bracket



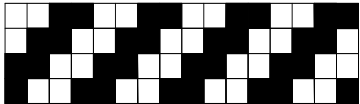
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Belt connecting plate



relating to EC component type-approval of safety belts and restraint systems (77/541/EEC) as
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Webbing details

Material	Terylene
Webbing specification	A07
Color	07
Weaving pattern	
Warp yarn	1000dtex
Weft yarn	500dtex
Thread count	Warp: 380, Weft: 18.8 picks/inch
Width	46~48mmm
Thickness	1.05~1.15mm



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E-mark label drawing

