



Vehicle  
Certification  
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ APPROVAL EXTENDED <sup>(2)</sup>/  
APPROVAL REFUSED <sup>(3)</sup>/ APPROVAL WITHDRAWN <sup>(4)</sup>/ PRODUCTION DEFINITELY  
DISCONTINUED <sup>(5)</sup> OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT,  
PURSUANT TO REGULATION NO 55.01



Approval No: E11\*55R01/06\*11361\*00

1. Trade name or mark of the device or component: Maxiforge
2. Manufacturer's name for the type of device or component: MF – 1712-2.0-12
3. Manufacturer's name and address:  
Kumpas Dövme Otomotiv Makina San. ve Tic. Ltd. Şti.  
Büyük Kayacık Mah. Konya OSB,  
18. Sokak No: 15 Selçuklu-KONYA -Türkiye
4. If applicable, name and address of the manufacturer's representative: Not Applicable
5. Alternative supplier's names or trademarks applied to the device or component:  
Not Applicable
6. Name and address of company or body taking responsibility for the conformity of production:  
Kumpas Dövme Otomotiv Makina San. ve Tic. Ltd. Şti.  
Büyük Kayacık Mah. Konya OSB,  
18. Sokak No: 15 Selçuklu-KONYA -Türkiye
7. Submitted for approval on: 15 March 2018
8. Technical service responsible for conducting approval tests: Vehicle Certification Agency
9. Brief description: Fifth wheel Coupling Pin
- 9.1. Type and class of device or component: D152kN and Class H50-X
- 9.2. Characteristic values:

ISU426677



## 9.2.1. Primary values:

D= 152 kN      Dc= Not Applicable      S= Not Applicable

U= Not Applicable      V= Not Applicable

Alternative values: Not Applicable

D..... kN      Dc..... kN      S..... kg

U.....tonnes      V..... kN

9.3. For Class A mechanical coupling devices or components, including towing brackets:  
Not Applicable

Vehicle manufacturer's maximum permissible vehicle mass:      kg

Distribution of maximum permissible vehicle mass between the axles:

Vehicle manufacturer's maximum permissible towable trailer mass:      kg

Vehicle manufacturer's maximum permissible static mass on coupling ball:      kg

Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver:      kg

Loading condition under which the tow ball height of a mechanical coupling device fitted to category M<sub>1</sub> vehicles is to be measured -see paragraph 2 of annex 7, appendix 1:9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O<sub>1</sub> trailer  
YES/NO: Not Applicable10. Instructions for the attachment of the coupling device or component type to the vehicle and photographs or drawings of the mounting points given by the vehicle manufacturer:  
Not Applicable11. Information on the fitting of any special reinforcing brackets or plates or spacing components necessary for the attachment of the coupling device or component:  
Manufacturers Information Document / Manual

## 12. Additional information where the use of the coupling device or component is restricted to special types of vehicles - see annex 5, paragraph 3.4. : Not Applicable

## 13. For Class K hook type couplings, details of the drawbar eyes suitable for use with the particular hook type. : Not Applicable

## 14. Date of test report: 17 April 2018

## 15. Number of test report: ISU426677

- 16. Approval mark position:  
On the top face of Fifth wheel Coupling Pin (Refer Drawing)
- 17. Reason(s) for extension of approval: Not Applicable
- 18. Approval GRANTED/EXTENDED/REFUSED/WITHDRAWN (1)
- 19. Place: BRISTOL
- 20. Date: 28 APRIL 2018
- 21. Signature:  D LAWLOR  
Chief Technical and Statutory Operations Officer
- 22. The list of documents deposited with the Administration Service which has granted approval is annexed to this communication and may be obtained on request.

Any remarks: Approval to Supplement 6

(1) Strike out what does not apply.





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APPROVAL NUMBER: E11\*55R01/06\*11361\*00

**INFORMATION PACKAGE CONTENTS**

**INDEX REVISION NUMBER: Not applicable**

<b>Conformity of Production (COP) Declaration</b>	<b>COP Confirmed</b>
<b>Assessment Method</b>	<b>ISO &amp; Control Plans</b>
<b>Date of Initial Clearance</b>	<b>March 2018</b>
<b>Date of Last Clearance</b>	<b>March 2018</b>

Total number of sheets: 04 (Four)

Reasons for Revision: Not applicable

Revision Date  
&  
Office Stamp

ISU426677

An executive agency of the Department for Transport  
November 2017 Revision 0  
Page 1 of 1



**ECE R55.01 SUPPLEMENT 6**  
**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF:**  
**DRAWBAR COUPLING BALL COMPONENTS OF COMBINATIONS OF**  
**VEHICLES**

1. **Trade name or mark of the device or component:**  
Maxiforge
2. **Manufacturer's name for the type of device or component:**  
MF 1712-2.0-12
3. **Manufacturer's name and address:**  
Kumpas Dövmeye Otomotiv Makina San. ve Tic. Ltd. Şti.  
Büyük Kayacık Mah. Konya OSB,  
18. Sokak No: 15 Selçuklu-KONYA -Türkiye
4. **If applicable, name and address of manufacturer's representative:**  
Not applicable
5. **Name and address of company or body taking responsibility for the conformity of production:**  
Kumpas Dövmeye Otomotiv Makina San. ve Tic. Ltd. Şti.  
Büyük Kayacık Mah. Konya OSB,  
18. Sokak No: 15 Selçuklu-KONYA -Türkiye
6. **Brief description:**
  - 6.1. **Type and class of device or component:**  
Type= D 152 kN                      Class= H50-X
  - 6.2. **Characteristics values:**
    - 6.2.1. **Primary values:**  
D: 152 kN    Dc: NA            S: NA            U: NA            V: NA
  - 6.3. **Vehicle manufacturer's maximum permissible vehicle mass: 37 Tone**  
**Vehicle manufacturer's maximum permissible towable trailer mass: ; 22 Tone**
7. **Instructions for the attachment of the coupling type to the vehicle and photographs or drawings of the fixing points at the vehicle given by the manufacturer; additional information if the use of the coupling type is restricted to special types of vehicles : Annex2**
8. **Location of ECE approval mark: On a riveted attachment plate. See Annex-3**

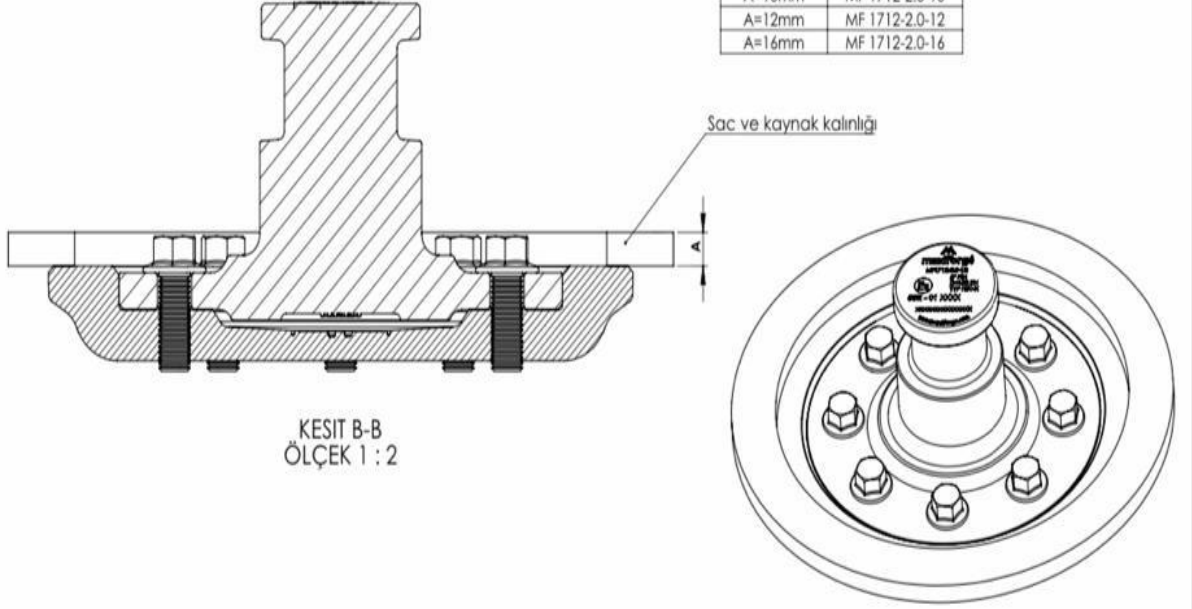
**Annex List:**

- Annex-1: Technical drawing of coupling  
Annex-2: Drawbar coupling ball installation and maintenance instruction  
Annex-3: Location of approval mark



No	Revizyonlar	Tarih

KING PIN CODE	
varidation-A	Maxiforge code
A=6mm	MF 1712-2.0-06
A=8mm	MF 1712-2.0-08
A=10mm	MF 1712-2.0-10
A=12mm	MF 1712-2.0-12
A=16mm	MF 1712-2.0-16



KESIT B-B  
ÖLÇEK 1 : 2

NOT:Tüm ölçüler mm olacaktır.

ADI - SOYADI	TARİH	İMZA	
ÇİZEN Ahmet ÖZTAŞÇI	26.2.2018		
KONTROL	26.2.2018		
ONAYLAYAN	26.2.2018		
TEKNİK RESİM AÇIKLAMASI	MALZEME	ÖLÇEK	PARÇA KODU
King Pimi Montajlı Çizim			MF 1712-2.0-XX





## Annex 2

Material: SAE 4140 Hardness: 32-35 HRc Class: H50-X D: 152 kN

Code: MF 1712-2.0-12

### Drawbar Coupling Ball Installation And Maintenance Instruction

When fitted to the trailer, the kingpin must be within the dimensions shown. The maximum wear on the diameters should not be more than 1.8/2mm. Therefore the minimum diameters allowable should be 50.8 pin=49mm upper shoulder-71 mm.

All nuts bolts on new trailers should be checked after the first week and first month to ensure the correct torque settings.

The kingpin must be kept free from contamination and thoroughly greased at all times with clean high pressure grease, with a graphite or molybdenum additive  
EVERY SIX MONTHS / 40000 km

Clean off the kingpin and inspect for wear, scoring, cracks, or fractures etc. and if OK re-grease thoroughly.

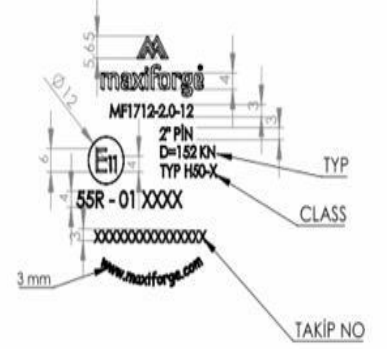
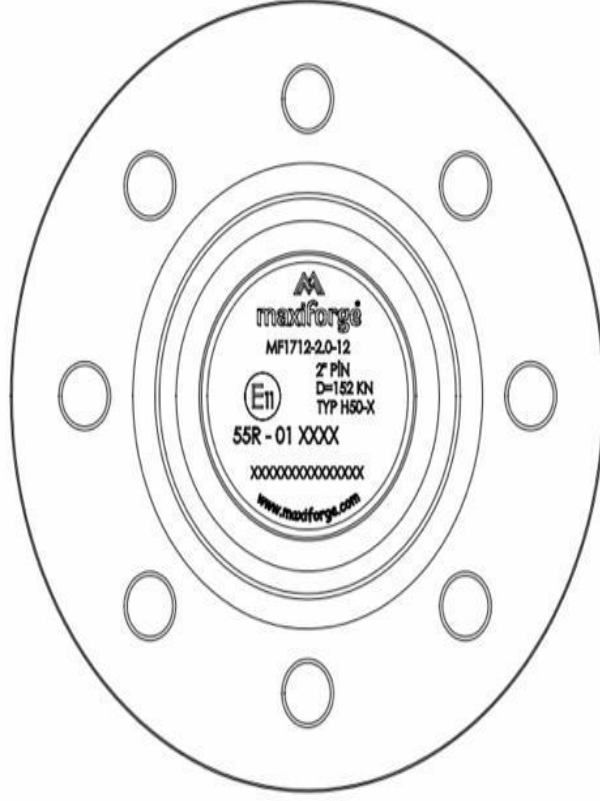
If excessive wear, or faults are found the kingpin must be replaced before the next journey.

Checked torque setting of retaining nuts/bolts.

It is recommend that the kingpin retaining nuts/bolts are replaced each tşne a kingpin is removed. To ensure these bolts/nuts do not foul the 5th Wheel, it is important the correct type are fitted



No	Revizyonlar	Tarih



NOT:Tüm ölçüler mm olacaktır.

ADI - SOYADI	TARİH	İMZA			
ÇİZEN Ahmet ÖZTAŞÇI	26.2.2018				
KONTROL Mahmut ZENGİNGÜL	26.2.2018				
ONAYLAYAN Ahmet N. ÇİLOĞLU	26.2.2018				
TEKNİK RESİM AÇIKLAMASI	MALZEME	ÖLÇEK	PARÇA KODU	PARÇA ADI - RESİM ADI	SAYFA
	SAE 4140	2:3	MF 1712	King Pimi 2" Markalı	28-Apr-18 1/1







Vehicle  
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Report Number: ISU426677

Issue: 0

This test report shall not be reproduced except in full, without written approval of the technical service.

## Test Report: Mechanical Couplings – Component (Fifth Wheel)

### Legislation

UNECE Regulation 55.01 to Supplement 6

### Test Details

Location of Test: Fatigue Testing Lab , ICAT , Manesar  
Date of Test: 26<sup>th</sup> March 2018 to 30<sup>th</sup> March 2018  
VCA Representative(s): Aekansh Saxena  
Manufacturer's Representative(s): Not Applicable  
Reason for Test Report: New approval / ~~Extension of approval~~ / Test report only

### Manufacturer Details

Name and Address: Kumpas Dövmе Otomotiv Makina San. ve Tic. Ltd. Şti.  
Büyük Kayacık Mah. Konya OSB,  
18. Sokak No: 15 Selçuklu-KONYA -Türkiye

Type: D152kN  
Commercial Description: Fifth Wheel coupling Pin Class H50-X  
Category: Not Applicable

### Conclusion

The above mentioned component was tested in accordance with the above mentioned legislation and was found to comply in all respects. This report relates only to the items tested.

Signature:

Name: Aekansh Saxena  
Position: Type Approval Engineer  
Date: 17 April 2018

### List of Annexes

Annex	No of Pages	Subject
I		
II		

