



Vehicle Certification Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/~~APPROVAL EXTENDED ⁽¹⁾~~/~~APPROVAL REFUSED ⁽¹⁾~~/~~APPROVAL WITHDRAWN ⁽¹⁾~~/~~PRODUCTION DEFINITELY DISCONTINUED ⁽¹⁾~~ OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT, PURSUANT TO REGULATION NO 55.01



Approval No: E11 55R-0111231

Correction - 01

Reasons for Correction No: stated in paragraph --17

1. Trade name or mark of the device or component: Maypole Ltd
2. Manufacturer's name for the type of device or component: MP084 (Silver Finish), MP087 (Black Finish) (Combined Ball and Pin Jaw – 2 Bolt Fixing – 20.20kn) & MP49484 (Pin)
3. Manufacturer's name and address:
Maypole Ltd,
162 Clapgate Lane,
Birmingham,
B32 3DE,
United Kingdom
4. If applicable, name and address of the manufacturer's representative: Not Applicable
5. Alternative supplier's names or trade marks applied to the device or component:
Not Applicable
6. Name and address of company or body taking responsibility for the conformity of production:
Maypole Ltd,
162 Clapgate Lane,
Birmingham,
B32 3DE,
United Kingdom



7. Submitted for approval on : 13 June 2017
8. Technical service responsible for conducting approval tests: Vehicle Certification Agency
9. Brief description:
- 9.1. Type and class of device or component: A50-X
- 9.2. Characteristic values:
- 9.2.1. Primary values:
- | | | | | | |
|----|------------|-----|---------|----|--------|
| D: | 20.2 kN | Dc: | 20.2 kN | S: | 350 kg |
| U: | N/A tonnes | V: | N/A kN | | |
- Alternative Values
- | | | | | | |
|----|------------|-----|--------|----|--------|
| D: | N/A kN | Dc: | N/A kN | S: | N/A kg |
| U: | N/A tonnes | V: | N/A kN | | |
- 9.3. For Class A mechanical coupling devices or components, including towing brackets:
- Vehicle manufacturer's maximum permissible vehicle mass: 5000 kg
- Distribution of maximum permissible vehicle mass between the axles:
- | | | | |
|---------|-------------------|---------|-------------------|
| Axle 1: | Not Applicable kg | Axle 2: | Not Applicable kg |
| Axle 3: | Not Applicable kg | Axle 4: | Not Applicable kg |
- Vehicle manufacturer's maximum permissible towable trailer mass: 3500 kg
- Vehicle manufacturer's maximum permissible static mass on coupling ball: 350 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: Various kg
- Loading condition under which the tow ball height of a mechanical coupling device fitted to category M₁ vehicles is to be measured -see paragraph 2 of annex 7, appendix 1:
Not Applicable
- 9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O1 trailer: Not Applicable
10. Instructions for the attachment of the coupling device or component type to the vehicle and photographs or drawings of the mounting points (see Annex 2, Appendix 1) given by the vehicle manufacturer: See Manufacturer's Documents
11. Information on the fitting of any special reinforcing brackets or plates or spacing components necessary for the attachment of the coupling device or component (see Annex 2, Appendix 1).
Not Applicable

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: 11 August 2017
15. Number of test report: VST406671 / VC7112
16. Approval mark position: See manufacturer's documentation
17. Reason(s) for correction of approval: To Correct: Alteration of 'S'-value from 260kg to 350kg
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~
19. Place: BRISTOL
20. Date: 19 FEBRUARY 2018
21. Signature:  D. LAWLOR
Head of Technical Standards and Legislation
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

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162 Clapgate Lane
Woodgate Business Park
Birmingham
B32 3DE

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Web: www.maypole.ltd.uk

VCA Job Number: VSS387228

Information Document

Relating to **Regulation 55** EC type approval as a component of mechanical coupling devices for motor vehicle and their trailers.

- 0. General**
- 0.1** Make (Trade name of manufacturer): **Maypole Ltd**
- 0.2** Type and commercial description(s): **50mm Ball & Pin Coupling (MP84, MP87) & Pin MP49484**
- 0.3** Name and Address of Manufacturer: **Maypole Ltd
162 Clapgate Lane
Birmingham
B32 3DE
United Kingdom**
- 0.4** If applicable, name and address of the manufacturer's representative: **Not Applicable**
- 0.5** Alternative supplier's names or trademarks applied to the device or component: **Not Applicable**
- 0.6** Name and address of company or body taking responsibility for the conformity of production:
**See section 0.3 - Maypole Ltd
162 Clapgate Lane
Birmingham
B32 3DE
United Kingdom**
- 0.7** In the case of components and separate technical units, location and method of affixing EC approval mark: **Adhesive label, applied to top face behind pin**
- 0.8** Address of Assembly Plant:



1 Connections between drawing vehicles and trailers and semi-trailers

1.1 Detailed Technical description (including drawings and material specifications) of the type of the mechanical coupling device

50mm Hitch Ball	- MP84 (Silver finish)
Alternative finish	- MP87 (Black finish)
Hitch pin	- MP49484 (Silver finish)
See Drawing Pack	

1.2 Class and type of the coupling device: **A50X**

1.3 Maximum D value: **20 kN**

1.4 Maximum vertical load (S) at the coupling point: **350Kg**

1.5 Maximum load (U) at the fifth wheel coupling: **N/A**

1.6 Maximum (V) value: **N/A**

1.7 Maximum vehicle mass: **N/A kg**

1.8 Distribution of maximum permissible vehicle mass between the axles: **Axle 1: N/A Kg**
Axle 2: N/A Kg
Axle 3: N/A Kg
Axle 4: N/A Kg

1.9 Vehicle manufacturer's maximum permissible towable trailer mass: **N/A kg**

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

Loading condition under which the tow ball height of a mechanical coupling device fitted to category M1 vehicles is to be measured - see paragraph 2 of annex 7, appendix 1: **N/A**

2.1 Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fitting points at the vehicle given by the manufacturer, additional information if the use of the coupling type restricted to special vehicles:

SEE FITTING INSTRUCTIONS

2.2 Information on the fitting of Special Towing brackets or mounting plates: **N/A**

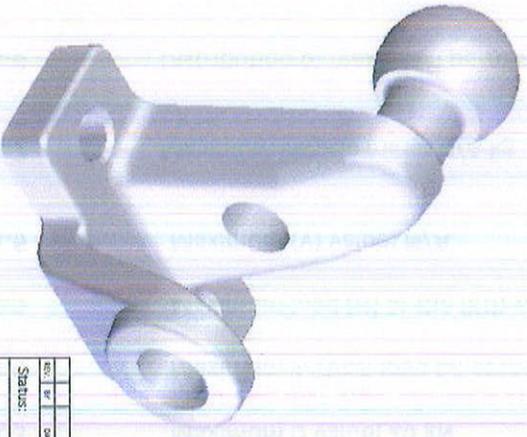
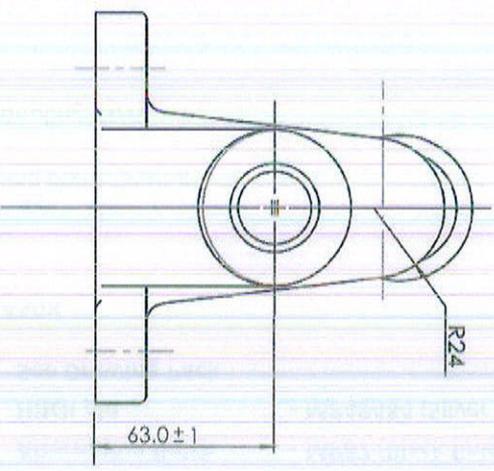
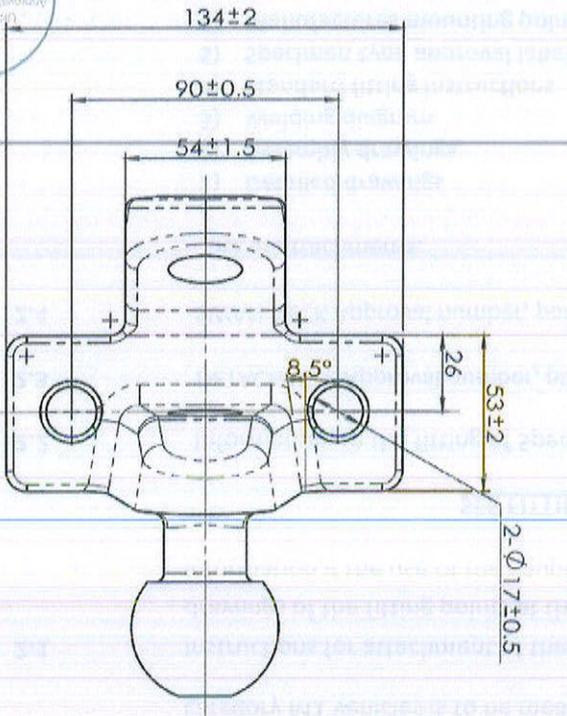
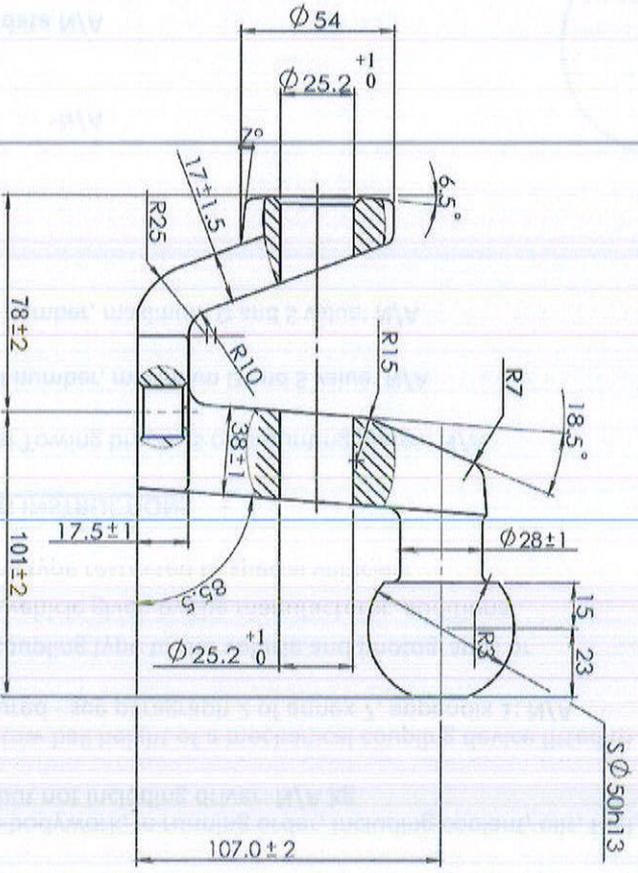
2.3 DETACHABLE Approval number, part number, maximum D and S value: **N/A**

2.4 SWAN NECK Approval number, part number, maximum D and S value: **N/A**

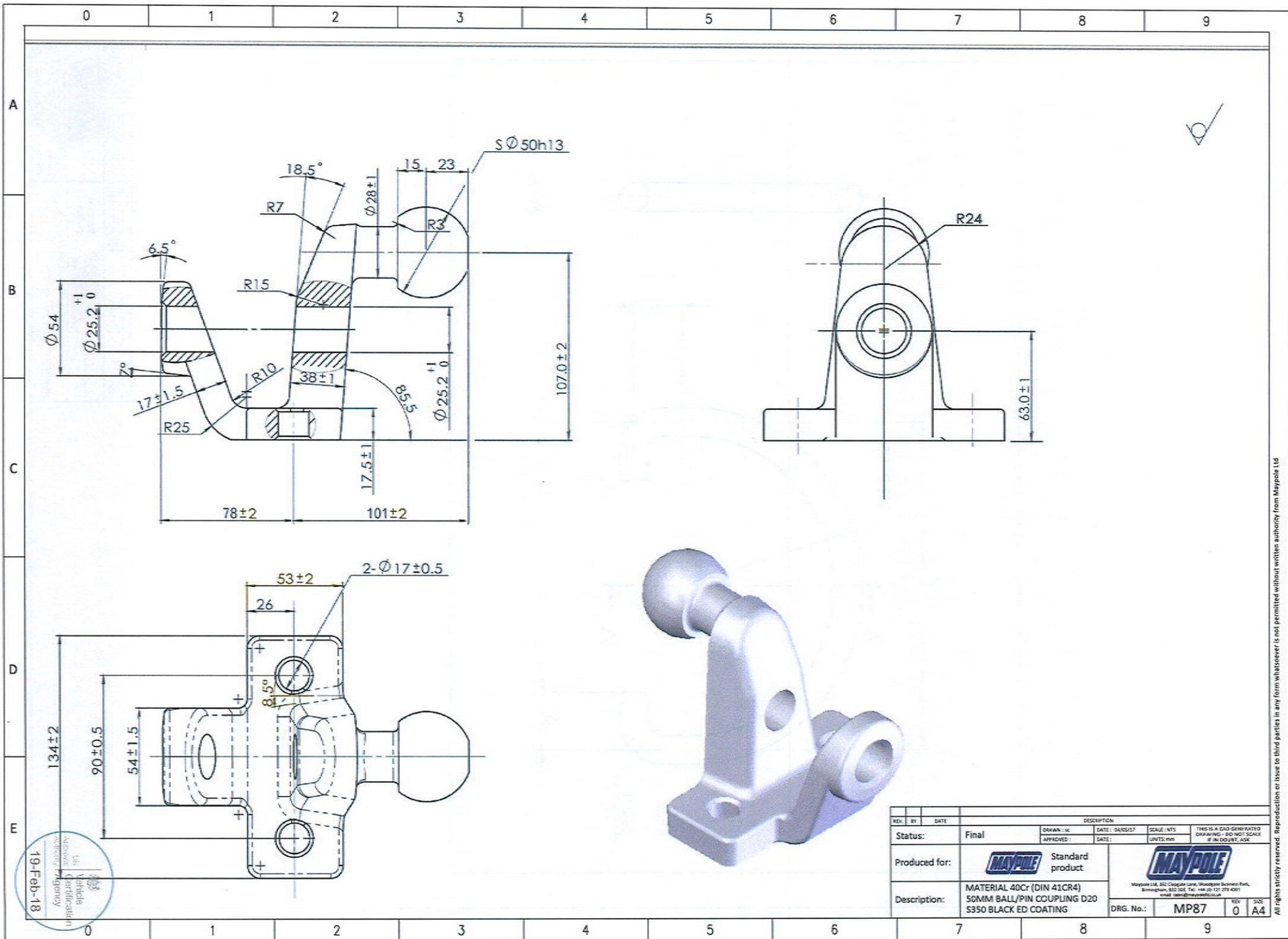
List of attachments:

- 1) Detailed drawings**
- 2) Assembly drawings**
- 3) Welding diagram** **N/A**
- 4) Standard fitting instructions**
- 5) Specimen type approval label**
- 6) Manufactures mounting point data** **N/A**





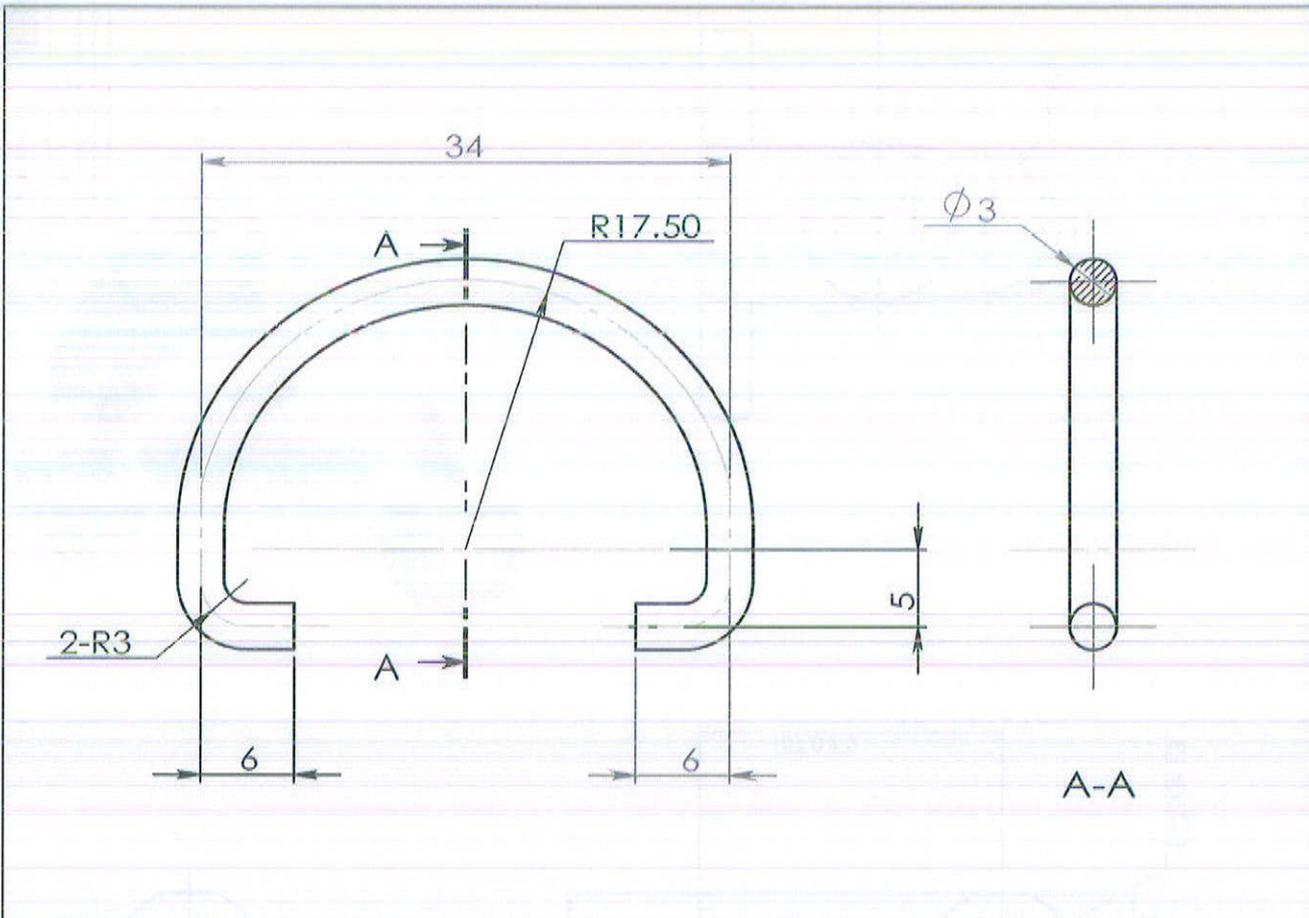
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Status:		Final	ISSUED
Produced for:		Standard product	
Description:		MATERIAL: 40Cr (DIN 43CR4) 50MM BALL JOINT COUPLING E20 S350 SILVER ZN FINISH	
DRG. No.:		MP84	
REV:		0	A4



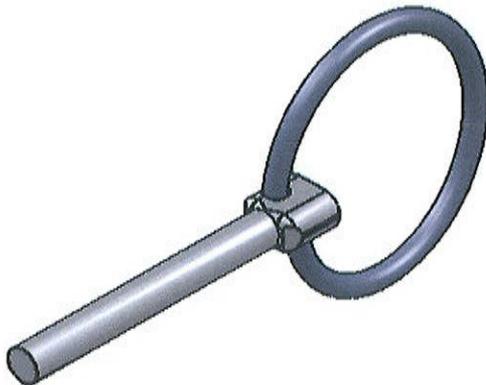
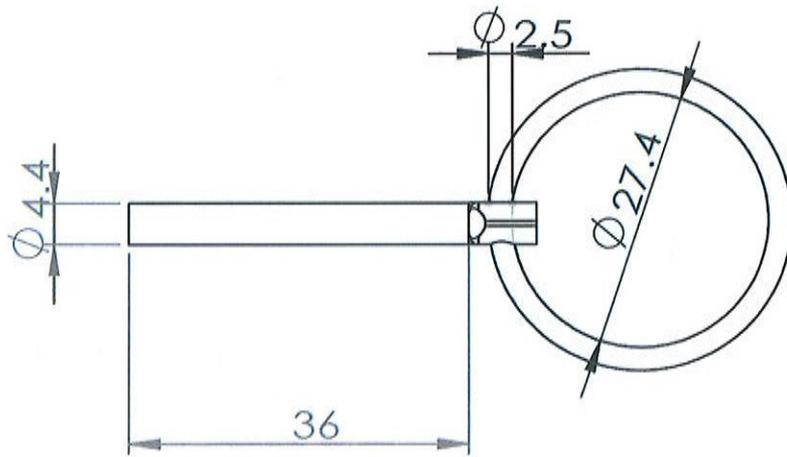
19-Feb-18
 Approved
 Vehicle
 Certification
 Agency

REV.	BY	DATE	DESCRIPTION			
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Produced for:	Standard product	APPROVED:	DATE:	UNITS: mm		
Description:	MATERIAL 40Cr (DIN 41CR4) 50MM BALL/PIN COUPLING D20 S350 BLACK ED COATING			 <small>Maypole Ltd, 112 Claspall Lane, Woodpeck Business Park, Birmingham, B22 2SE, UK - Tel: +44 (0) 121 279 4001 email: sales@maypole.co.uk</small>		
DRG. No.:				MP87	REV: 0	SZS: A4

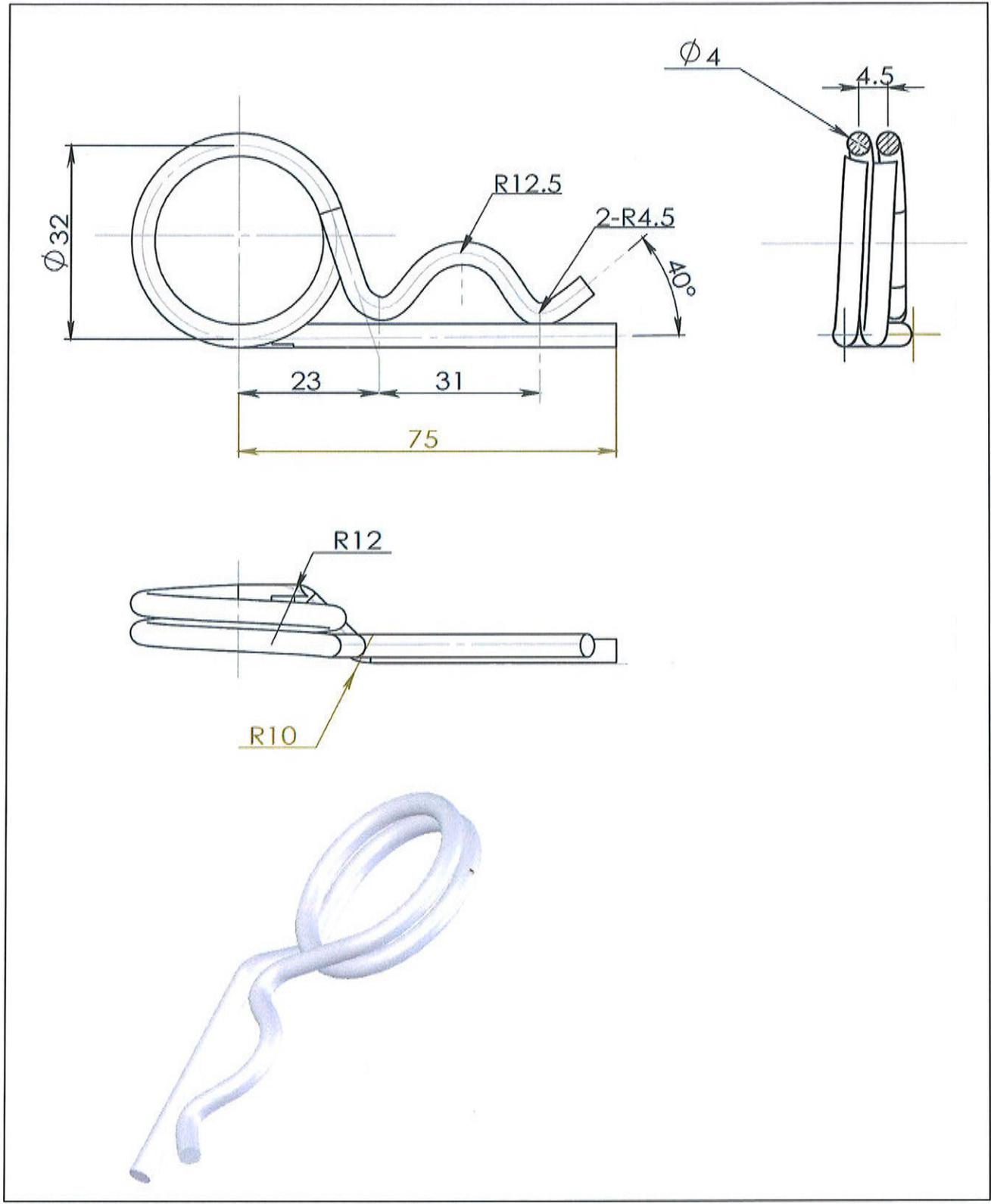
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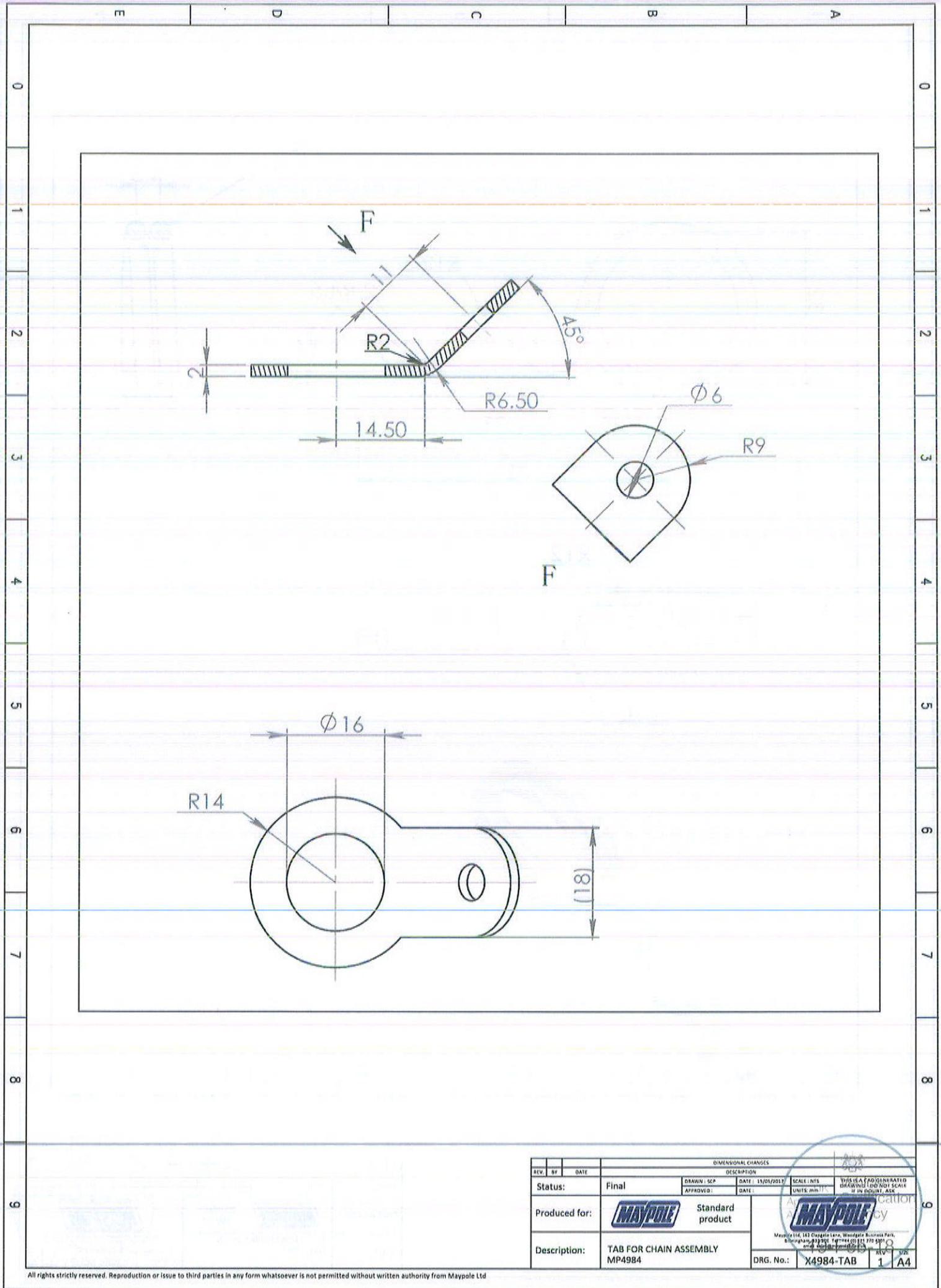
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Description:	D RING FOR MP4984 CHAIN ASSEMBLY					IF IN DOUBT, ASK
						 <small>Maypole Ltd, 153 Cottage Lane, Woodgate Business Park, Birmingham, B39 9PL, Tel: +44 (0) 121 725 5001, Fax: +44 (0) 121 725 5002, Email: sales@maypole.co.uk</small>
			DRG. No.:		X4984-D RING	0 A4



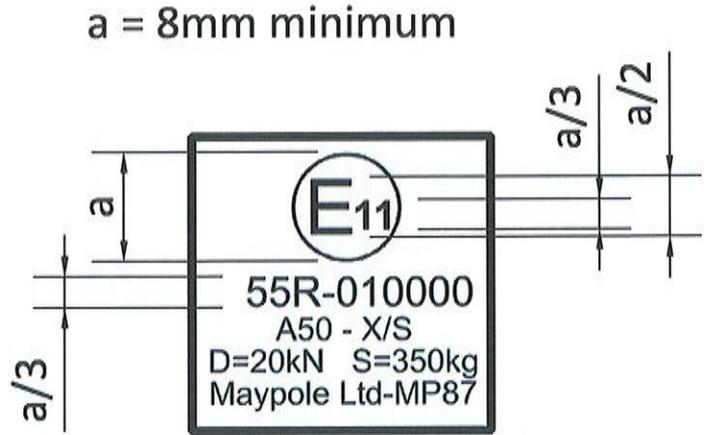
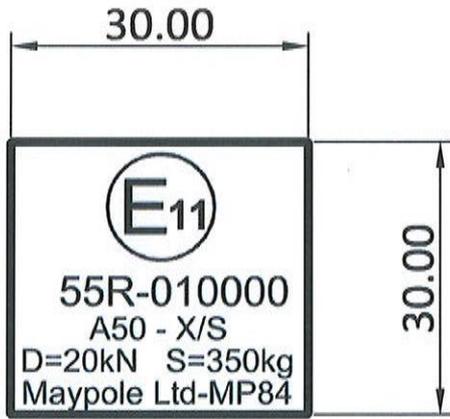
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Produced for:		MAYPOLE Standard product	APPROVED:	DATE:	THIS IS A FABRICATED DRAWING I DO NOT SCALE IT IN PLOTTING AREA
Description:		LINCH PIN FOR MP4984 CHAIN ASSEMBLY	UNITS: mm/1"		MAYPOLE cy
DRG. No.:		X4984-LINCH PIN	REV. NO.	0	A4



REV	BY	DATE	DIMENSIONAL CHANGES			
			DESCRIPTION			
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Produced for:	MAYPOLE Standard product		APPROVED:	DATE:	UNITS: mm (1")	Author: J. Patton
Description:	R CLIP FOR MP4984 CHAIN ASSEMBLY					MAYPOLE by Maypole Ltd, 161 Clongate Lane, Woodgate Business Park, Birmingham, B37 3YD, England (0121) 720 8000 and Sales@maypole.co.uk
			DRG. No.:	X4984-RCLIP	0	A4

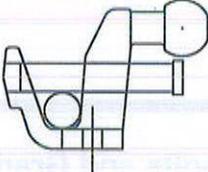
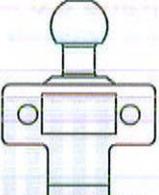


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						SIZE:	A4

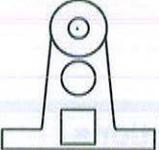


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Produced for:	Standard product					
Description:	MP84 MP87 Label details					
			DRG. No.:	MP84-Labels	REV:	0 A4

Instruction label with part number - Yellow paper with Black printing
 R55 Approval label - Silver metalised label with permanent adhesive.

Instruction Label
 Position 65 x 35



Approval Label
 Position 30 x 30

Part Number		Description	
1014	1014	1014	1014
Status	First	Second	Third
Produced for	MANOR	Standard product	MANOR
Description	Instruction and approval label		MANOR
			MANOR