

DRAWING  
NUMBER

214292

REMOVE ALL BURRS & SHARP EDGES

IF IN DOUBT ASK

DO NOT SCALE

DRAWING TO COMPLY WITH BS 5536

MODIFICATIONS

FIRST ISSUE  
S CRS 0399-1

THRU' HOLE TO BE  
FREE FROM PAINT

2 X R30

R2.0

0.0000  
1: 10 -0.0005

CHAMFER 5 X 20°

SECTION A-A

THIS SURFACE TO BE  
FREE FROM PAINT

- NOTES:**
- TYPICAL DRAFT ANGLE 3° UNLESS OTHERWISE STATED.
  - ALL SURFACES TO BE PAINTED UNLESS OTHERWISE SPECIFIED AS FOLLOWS:
    - DEGREASE AND APPLY PRIMER, INTERMEDIATE AND FINISH COAT (WET PAINT) RAL 9017 TRAFFIC BLACK, 60% GLOSS.
  - MACHINED SURFACE FINISH Ra = 3.2 UNLESS OTHERWISE STATED
  - NON-MACHINED RADII TO BE R = 10 (INTERNAL) OR R = 3 (EXTERNAL) UNLESS OTHERWISE STATED.
  - MANUFACTURERS NAME AND BATCH NUMBER TO BE STAMPED IN AREA INDICATED.

Ø 99.8 max.

Ø 54.0  
H6 +0.019  
0.000  
Ø 0.5

Ra 1.6

170.0

MACHINED SURFACE TO  
BE FREE FROM PAINT

Ø 87.6 max.

Ø 72.0

Ra 1.6

SEE NOTE 5

244.0

72.0

105.0

64.9

109.0

20.0

41.0

67.0

(SEE NOTE 3 TYP)

SECTION B-B

42 MIN

20 MIN

21 MIN

VIEW ON C

MACHINED SURFACE TO  
BE FREE FROM PAINT

UNCONTROLLED DOCUMENT  
FIT FOR MANUFACTURE  
CRS TO FOLLOW

APPROVED BY: MAURICE BYKOWSKI  
POSITION: MECHANICAL DESIGN PRINCIPAL ENGINEER  
SIGNED: *M. Bykowski*  
DATE: 7th Aug 2019.

STEEL  
BS EN ISO 683-2:2018  
30CrNiMo8

MATERIAL & SPECIFICATION:

FINISH & SPECIFICATION:

SEE NOTE 2

WGT (g)

S/L No.

USED ON

STOCK

DRG. No.

21 4290

S STOCK

ISSUE

A

ANTI-ROLL BAR ARM

ROLLING STOCK  
ENGINEERING

London Underground

STOCK LOCATION & ZONES  
S STOCK  
BOGIE AND SUSPENSION  
14.00

ORIGINAL SCALE  
1:2

DRAWING NUMBER  
214292

DATE  
12/07/19

CHECKED  
SO

DRAWN  
SH

FIRST ANGLE  
PROJECTION

CONTRACTOR'S NAME  
DRAWING NUMBER & ISSUE  
CREACTIVE DESIGN

DESIGN APPROVED

APPROVED

NO DECIMAL PLACES ± 0.5  
ONE DECIMAL PLACE ± 0.2  
TWO DECIMAL PLACES ± 0.1  
ANGULAR ± 0.5  
METRIC THREADS TO BS 3643 Pt. 2: 1981  
CLASS 6H & 6G

UNLESS OTHERWISE STATED TOLERANCES ON  
DIMENSIONS NOT LIMITED ARE:

TOLERANCES

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DATED AS DRAWN AND AMENDED

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