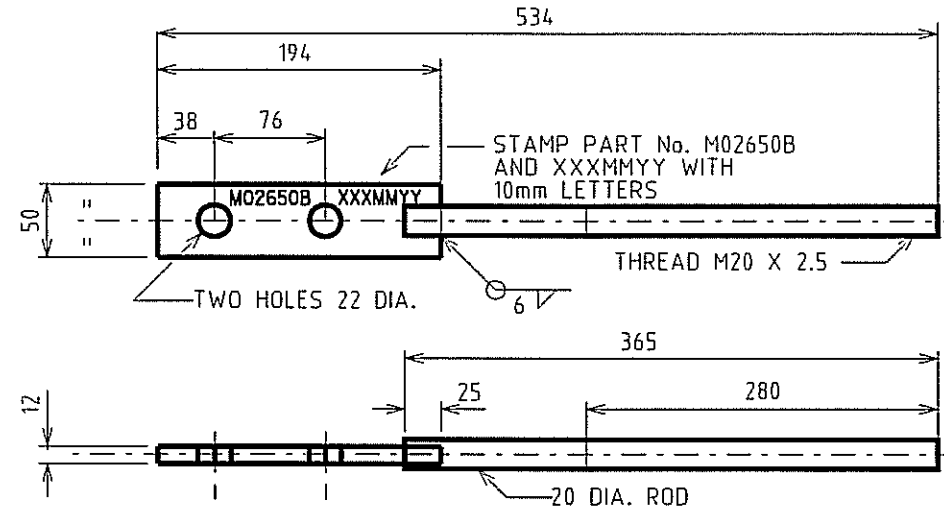


LOCKING BRACKET FOR E.P. BASEPLATE

MATERIAL 150 X 100 X 10 ANGLE TO AS3679-250
 FINISH : 1 COAT OF R.O.Z.P. PAINT.
 ATTACH TO AIR MOTOR BASEPLATE WITH TWO M16 x 50 LONG GRADE 8.8 ZINC PLATED BOLTS C/W NYLOC NUT, WASHER AND SPRING WASHER.
 NOTE: TWO FABREEKA VIBRATION PADS RAILCORP PARTNo. M02634C ARE TO BE PROVIDE FOR DAMPENING PURPOSES
 THE E.P. BASEPLATE IS TO BE ATTACHED TO THE CONCRETE BEAMS WITH EIGHT Gr 4.6 M20 X 60 LONG HEX HEADED SET SCREWS C/W M20 ZINC PLATED FLAT AND SPRING WASHERS.



LOCKING ROD FOR OPERATING BAR

MATERIAL: STEEL TO AS3678& 9 -250
 FINISH : 1 COAT OF R.O.Z.P. PAINT.
 SUPPLY WITH FOUR M20 X 2.5 ZINC PLATED NUTS FOR LOCKING PURPOSES.
 ATTACH TO OPERATING BAR WITH TWO GRADE 4.6 M20 x 80 LONG HEX HEADED ZINC PLATED BOLTS C/W NYLOC NUT, WASHER AND SPRING WASHER.

NOTES:

- ALL WELDS SHALL BE TO AS1554.1 SP. THE WELD METAL SHALL HAVE A MINIMUM NOMINAL TENSILE STRENGTH, F_u OF 450MPa.
- HOT DIP GALVANISING SHALL BE TO AS1650. MINIMUM COATING SHALL BE 2430 FOR SHEET PRODUCTS OR 450 g/m^2 FOR OTHER PRODUCTS.
- ZINC PLATING SHALL BE TO AS1769 AS APPROPRIATE, Fe/Zn 12cc.
- ALL SURFACES TO BE PAINTED SHALL BE DEGREASED, DESCALED AND PREPARED IN ACCORDANCE WITH THE PAINT MANUFACTURER'S RECOMMENDATIONS. EACH COAT OF PAINT SHALL HAVE A MINIMUM DRY FILM THICKNESS OF 30 μm .
- PROPRIETARY ITEMS SHALL BE MANUFACTURED TO RELEVANT AUSTRALIAN STANDARDS.
- THE MANUFACTURER OR ITS SUPPLIERS SHALL KEEP AND HAVE AVAILABLE TEST CERTIFICATES FOR MATERIALS, HEAT TREATMENT, HARDENING AND SURFACE COATINGS.
- PARTS SHALL BE MARKED WHERE SHOWN WITH PART NUMBER AND XXXMMYY WHERE XXX = MANUFACTURER'S MARK AND MYY = MONTH & YEAR OF MANUFACTURE.
- WHERE AN ASSEMBLY IS ORDERED THE MANUFACTURER SHALL SUPPLY IT COMPLETE AND FULLY ASSEMBLED AS SHOWN UNLESS REQUESTED OTHERWISE. THE ASSEMBLY SHALL HAVE A WEATHERPROOF TAG ATTACHED, MARKED WITH THE ASSEMBLY PART NUMBER AND XXXMMYY AS ABOVE.
- THREADED SURFACES NOT PROTECTED BY PLATING SHALL BE COATED WITH ROCOL RUSTSHIELD OR AN EQUIVALENT ALTERNATIVE.
- BEARING SURFACES NOT PROTECTED BY PLATING SHALL BE COATED WITH ROCOL A.S. SPRAY OR AN EQUIVALENT ALTERNATIVE.

VERSION	DESCRIPTION	DATE	DRAWN	REVIEWED	VERIFIED	APPROVED

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AS 1100 THIRD ANGLE PROJECTION

GENERAL TOLERANCES
 LINEAR:
 < 1000 ±0.5mm
 ≥ 1000 ±3mm
 RADIAL:
 < 500 ± 0.25mm
 ≥ 500 ± 1.5mm
 ANGULAR: 30'

RailCorp
 INFRASTRUCTURE GROUP
 Engineering Standards & Services Division

SIGNAL DESIGN

cad DO NOT AMEND MANUALLY

TITLE				
NOT IN SERVICE LOCKING ROD FOR E.P. CLAWLOCK OPERATING BAR				
DESIGNED R.F.	DRAWN H.E.	REVIEWED	VERIFIED	APPROVED
DATE 3.11.06	SCALE N.T.S	DRG. No. M02-650	REV. No. 0	A3