SPECIFICATIONS AND DRAWINGS

DESCRIPTION: KZN/RAIL/2023/08/04/Q - PURCHASING AGREEMENT FOR SUPPLY OF LOCKS, KEYS AND HINGES FOR KZN METRORAIL OVER A PERIOD OF TWENTY-FOUR (24) MONTHS (AS AND WHEN REQUIRED)

1. SCOPE OF WORK:

This agreement covers the procurement of locks, keys and hinges for KZN Metrorail over a period of twenty-four months.

2. TRANSPORT:

Delivery to the KZN Main Warehouse in Springfield will be at the cost of the Supplier. This cost must be factored into the final price of the component.

3. DELIVERY:

- Thirty working days from date of official Purchase Order.
- Purchase orders will be issued on an as and when basis throughout the duration of the contract.

4. PENALTIES:

- Should the Contractor fail to deliver on or before the agreed date, a penalty of 1% per day will be charged on the total value of the Purchase order (PO) but shall not exceed 10 percent of the total value of the PO.
- Metrorail KZN reserves the right to test the product at any given time during the
 contract period for compliance. The Supplier will be held liable with costs for any
 deviations in the specifications which may have resulted in damages and downtime
 to Rolling Stock equipment. A meeting will be convened by both parties (Metrorail
 KZN and the Contractor) to discuss the outcome of the investigation and costs
 incurred.

5. COMPLIANCE:

- The supplier must submit in writing on a signed company letterhead that all technical specifications listed in the tender document will be met.
- The supplier must submit in writing on a signed company letterhead that all non-conformances will be closed within 10 days.

6. TERMINATION OF CONTRACT:

PRASA KZN reserves the right to cancel the agreement at any time during the stipulated period due to the contractor not performing according to the requirements of the agreement.

7. PRICE ADJUSTMENTS:

- Items will be quoted on as per bill of quantity (BOQ) over a two-year period.
- All lines on the BOQ must be populated for both years. Partial completion will lead to a disqualification.

8. CONTRACT PERIOD AND VALUE:

This contract shall commence within one week of its award and will be over a period of twenty-four months or attaining a value of R750,000.00 (seven hundred and fifty thousand rands) VAT inclusive. The contract will terminate, either when the twenty-four months or the contract value is reached, whichever comes first.

9. SAMPLES:

- The winning bidder may be requested to provide a sample of selected items within five days at his/her own cost
- The sample will be inspected by the end user to ensure that it meets with the specifications
- If approved, the winning bidder will be awarded the Contract
- If the sample does not meet with specifications, an opportunity will be given to provide the correct sample within two days, at the price originally quoted for. Any increase in price will lead to disqualification
- If the winning bidder cannot provide the correct sample. The second bidder will be called upon to provide a sample

10. GENERAL:

- Where brand names are mentioned in the specifications, you may quote on an equivalent/similar product. Alternative products must function as a plug and play unit. Alternate products must not constitute to modification/replacement for functionality.
- Alternate products must meet the minimuim requirements mentioned in the Specifications

11. DOCUMENTS TO BE SUBMITTED WITH THIS TENDER

- The supplier must submit in writing (on a signed company letterhead) with this tender, acknowledging that:
 - The technical specifications of the products listed in the tender document will be met.
 - Non-conformances will be closed within 10 days
 - Alternate products will not constitute to modification of present working systems

12. PRICING AND SPECIFIC GOALS

The following formula, shall be used by the Bid Evaluation Committee to allocate scores to the interested bidders:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20

FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

$$PS = 80 \left(1 - \frac{Pt - Pmin}{Pmin} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

POINTS AWARDED FOR SPECIFIC GOALS

In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

Table 1: Specific goals for the tender and points claimed are indicated per the table below. (Note to organs of state: Where either the 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Entities with a B-BBEE contributor status of at least level 2 - B-BBEE Certificate/Affidavit	10	
Black Youth Owned-Certified Copy of ID documents of owners	10	
Total	20	

13. SPECIFICATIONS:

M00010068 - handle, door, vehicular; type drivers; p/n: NS05601-10-000 siya; assembly, complete, used on 10M5

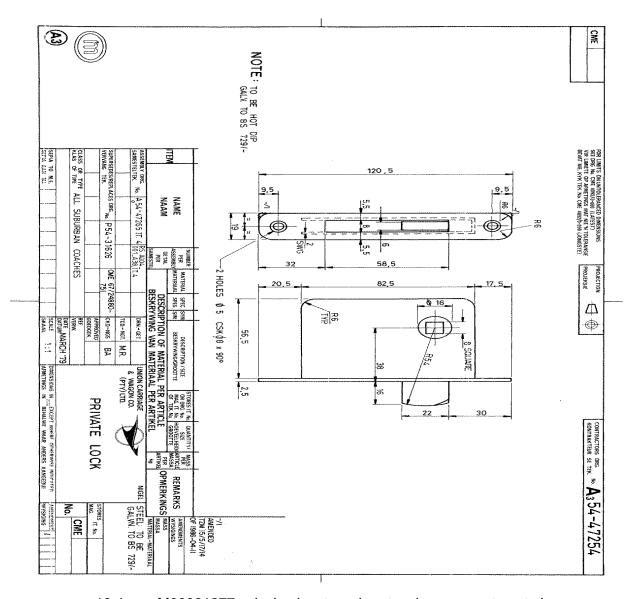


13.2 M00020550 - linkage; type driver's door lock; p/n: ns00001-04-005 used on: Siyahamba doors 10m5



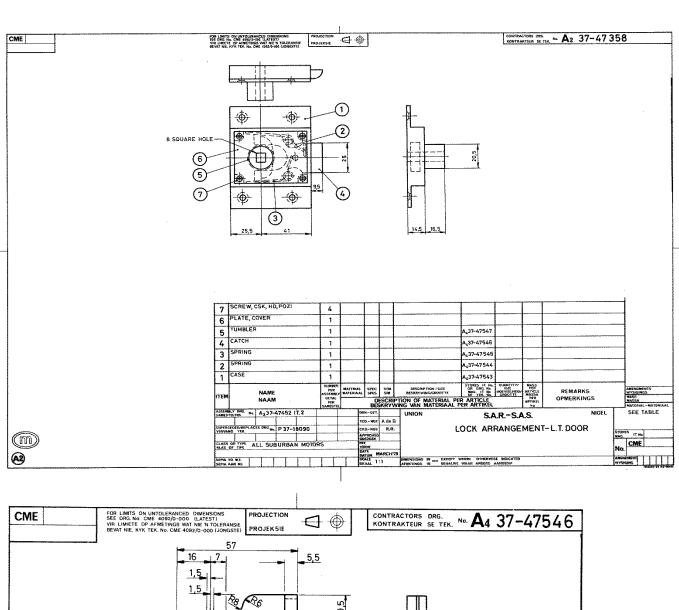
13.3 M00024034 - padlock; type 3/4, dimensions conforms to drawing : A3 54-47254/latest in, shackle material steel; private lock

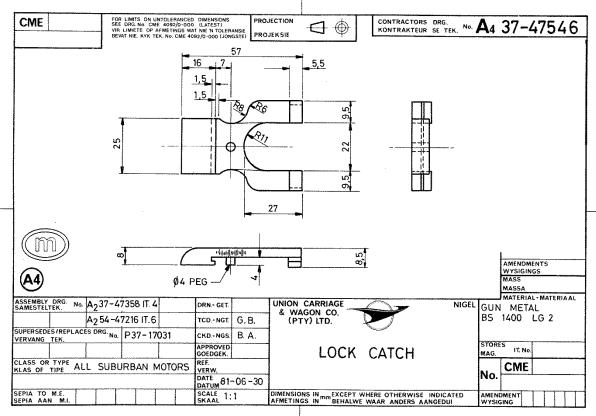


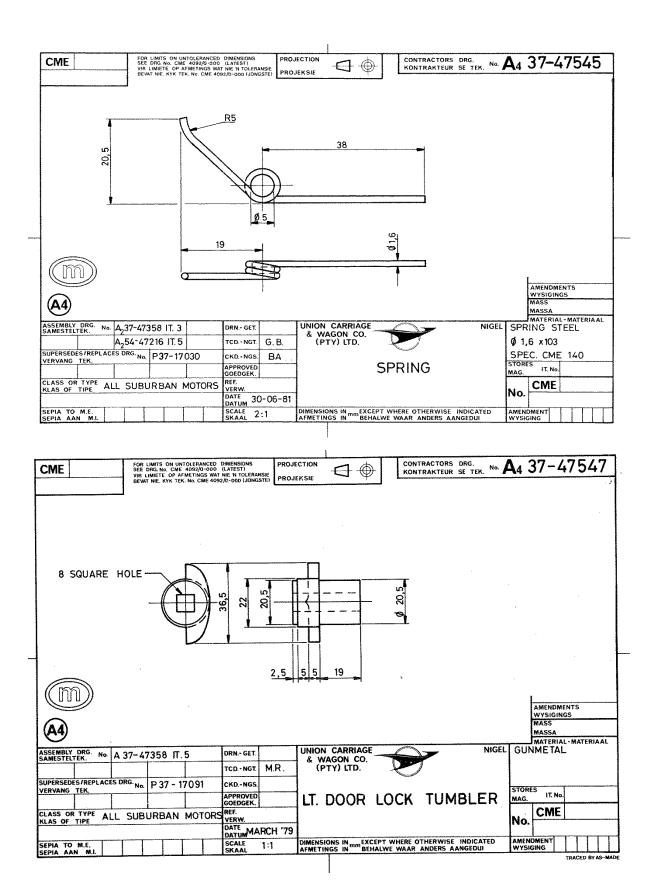


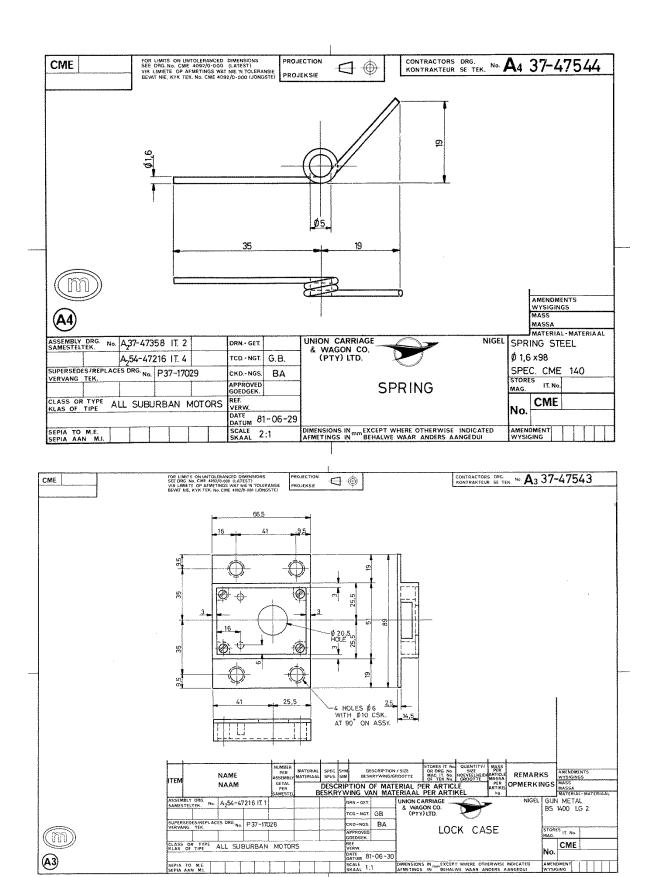
13.4 M00001277 - lock, rim; type low tension compartment door; users description: allied items 67/030571 (spring), 67/030583 (spring), equipment used on sliding door motor coach





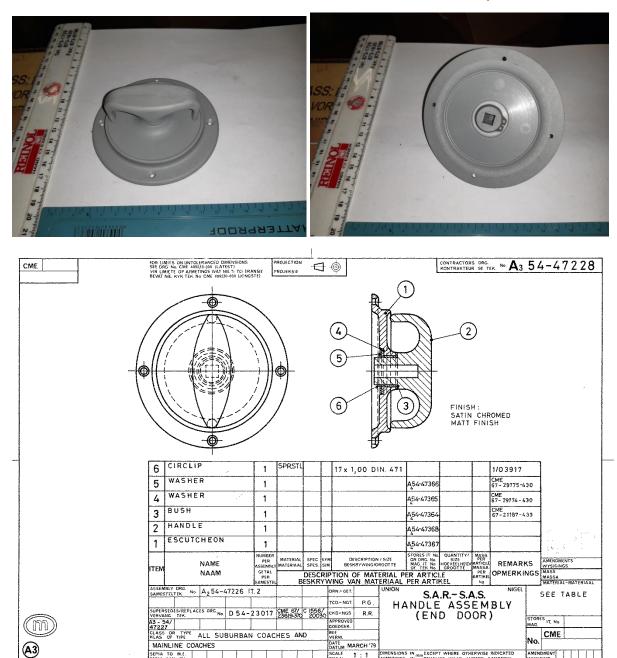


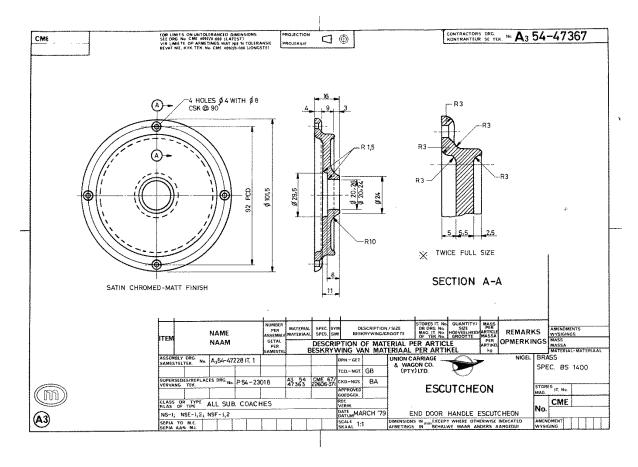


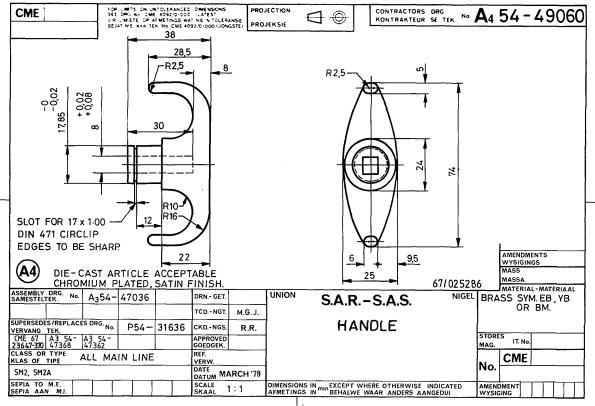


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M00022268 - handle, door; type end door assembly, furnished items bush/lock/washer; allied item 67/022561 (bush) 67/025286 (handle) 67/026801 (lock) 67/031552 (washer) 67/031564 (washer), equipment used on mainline coach suburban coach, material plastic

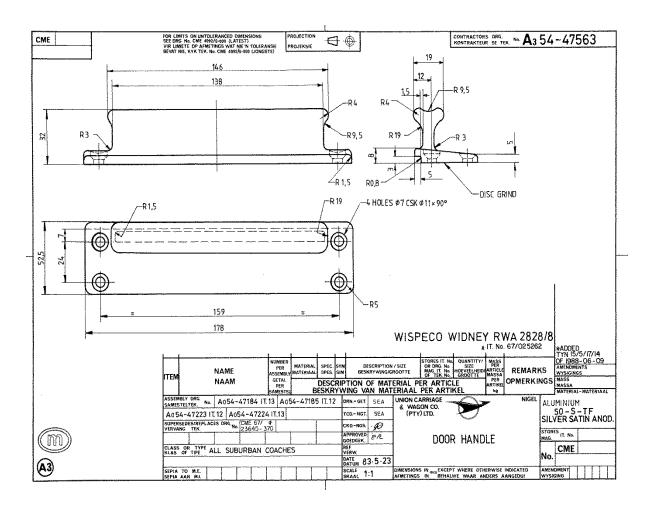






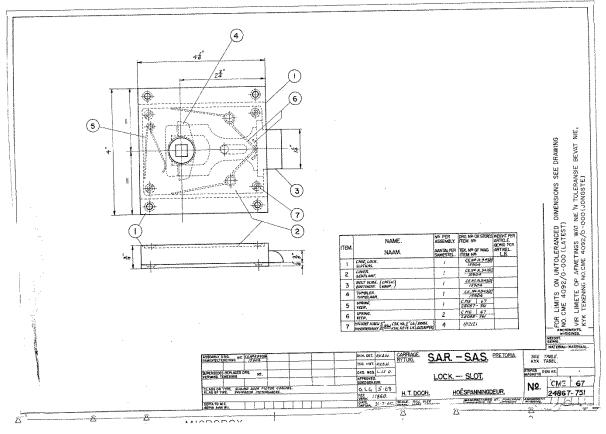
13.6 M00024019 - handle, door; type sliding grip, dimensions 52.5 x 32 x 178 long, drawing : A3 54-47563/latest mm, material plastic





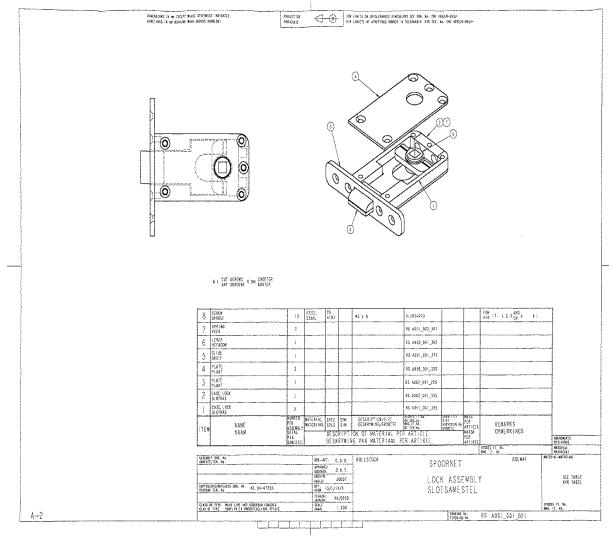
13.7 M00031520 - lock; type HT compartment, application electrical locomotive





13.8 M00033288 - lock, mortise; dimensions wide 50 x length 90 mm, lock material steel; end door users description allied item 67/025197 (handle) 67/030089 (spindle), A2 54-47235, and component equipment used on mainline coach suburban coach



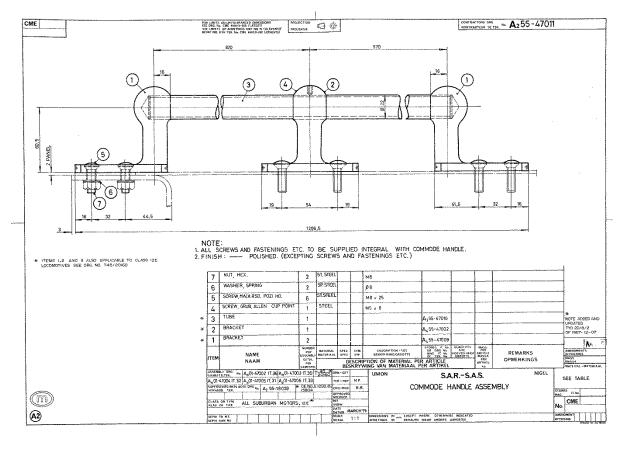


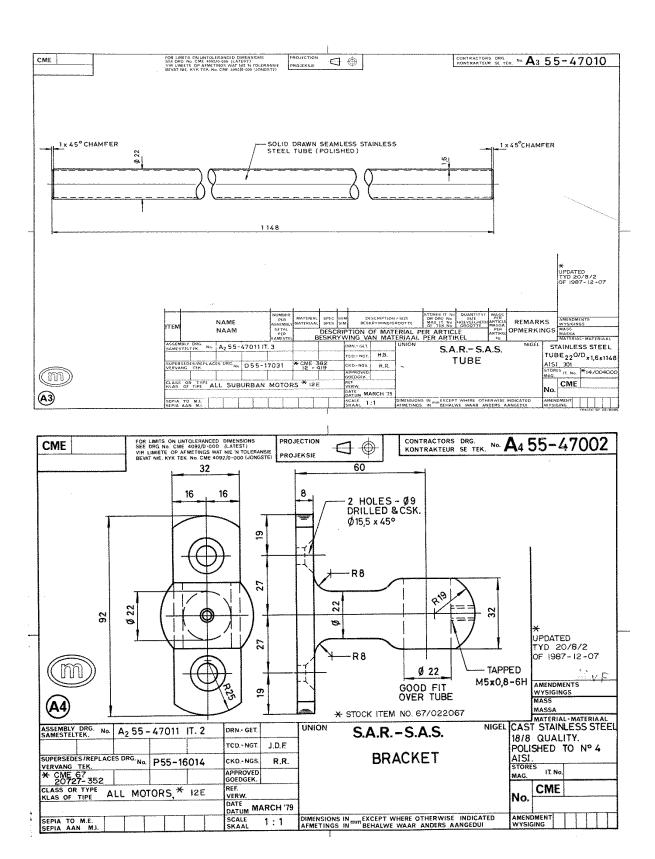
13.9 M00074587 - handle; assembly, commode guards door handrail, equipment used on suburban coach

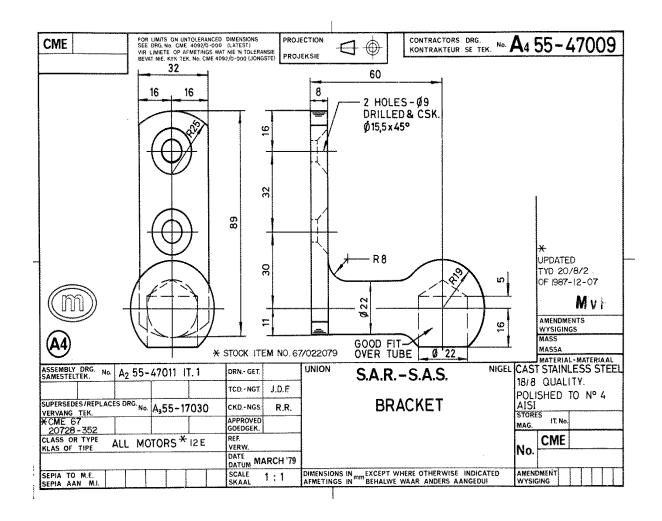






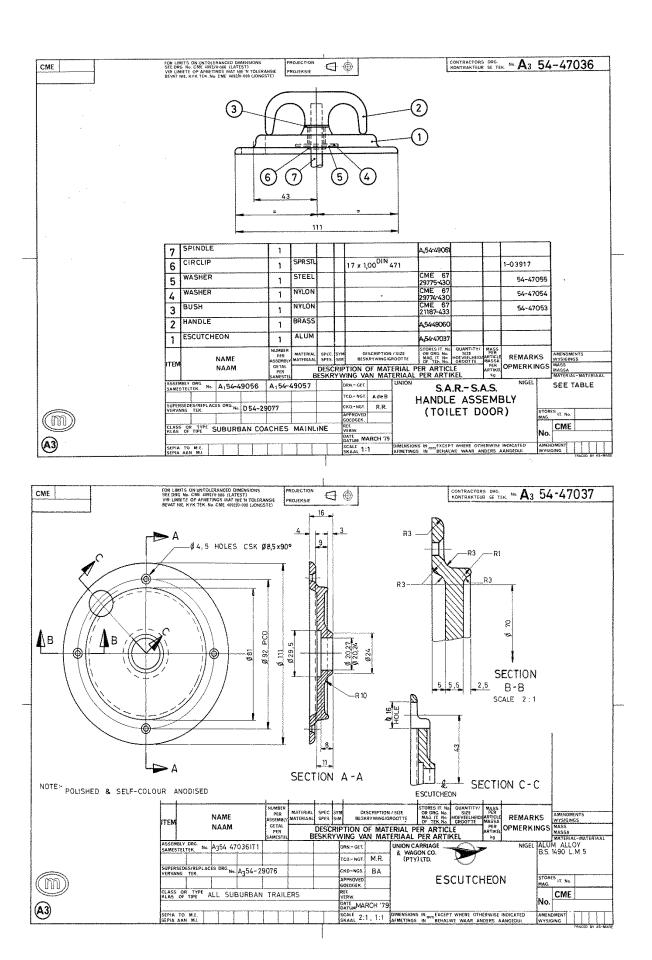






13.10 M00076425 - handle, door; material plastic; for toilet (exterior) to be manufactured, 12 mm hole, diameter 106mm



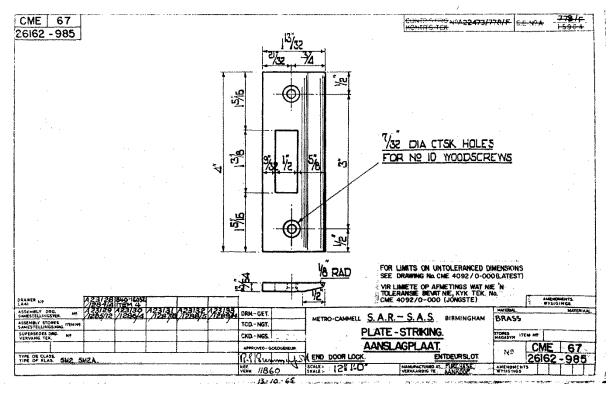


13.11 M00104728 - lever, switch; type HT isolating/earthing switch, used on 10ms motor coaches, features level manual control, material stainless steel



13.12 M00104815 - strike, catch; type end door, striker plate, 10m5, dimensions 3mm thick, material stainless steel, 100mm x 50mm, slot dimension 40mm x 10mm, with 2 x 5mm holes





13.13 M00000197 - padlock; body material brass cast, dimensions wide 60 mm, features 5 pin tumbler, furnished items shackle, cylinder lock with 2 brass keys, shackle material nickel plated; p/n: 22010-60 cisa, p/n: 3102 union; to quoted part number or equal, equipment used on securing explosives or highly.



13.14 M00042371 - padlock; type case, body material brass, dimensions wide 40 mm, furnished items shackle (6 mm) with two keys, shackle material steel nickel plated; p/n: 302 viro; to quoted part number or equal approved list no 63 group 1, equipment used on outside use general el&p, equal



13.15 M00043665 - bolt, barrel; type pad, dimensions length 4 in; for door, equipment used on baggage van official coach



13.16 M00000226 - bolt, barrel; finish polished, dimensions wide 25 x length 75 mm, material, brass, special features brass shoot diameter 8 mm; p/n: b517 boustreds art 205, solid/esco; used on cabinet door, etc, part number or equal, solid, drawn, heavy pattern to quoted



13.17 M00031934 - lock set, rim; type cylinder night latch, dimensions 92 x
 67 mm, material zinc alloy; with furniture and 2 keys, case and striker box



13.18 M00042094 - lock, mortise; type rebated, dimensions wide 76 x length 100 mm, features two lever complete with two keys; p/n: cz 682-24-93 ch union; with furniture, reversible to quoted part number or equal, equipment used on interior double door





13.19 M00003039 - hinge, butt; length 3 in, features 3 screw holes per leaf, material brass, nickel plated, type butt, width 2 in



13.20 M00010918 - hinge, butt; length 2-1/2 inch, finish satin chrome, features steel pin, 3 screw holes per leaf, open, material brass, type butt, width 2-1/4 in;



13.21 M00033287 - hinge, butt; length 3 inch, finish satin chrome, features brass pin, 3 screw holes per leaf, material brass, butt width 2 inch; users description end door; used on surburban coach 5m2a mainline coach gd-1 main



13.22 M00044413 - hinge, butt; length 64 mm, features brass pin, 3 screw holes per leaf, light, open, material solid brass, type butt, width 42 mm;

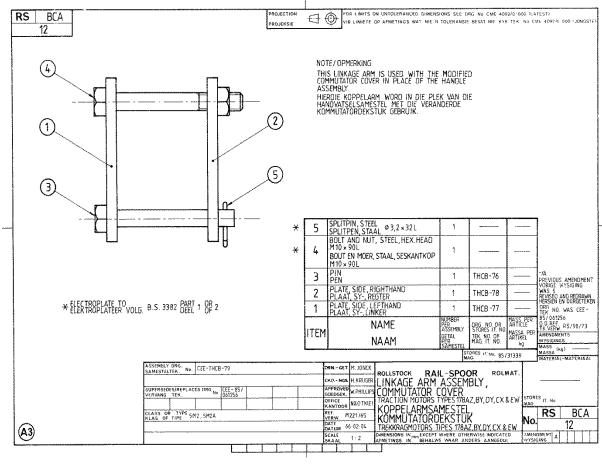


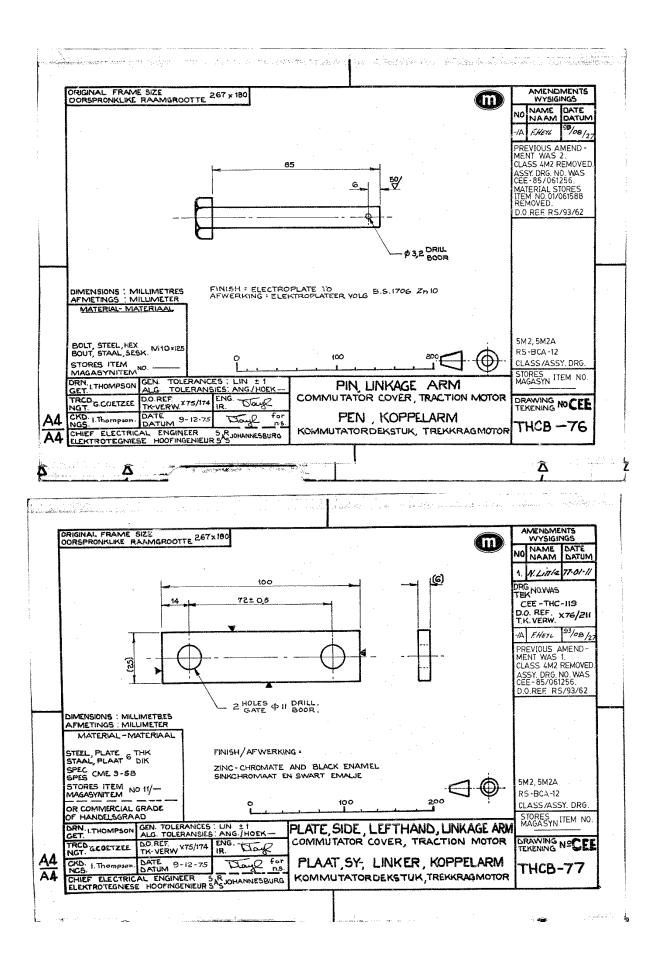
13.23 M00023184 - catch, elbow; features with screws unbalanced windows; stocked, users description unbalanced drop window passenger compartment, toilet sliding window and van allied item 67/011053 (toilet window) 67/031604 (drop window) 67/033223 (toilet window)', base dimensions 110mm x 28mm,

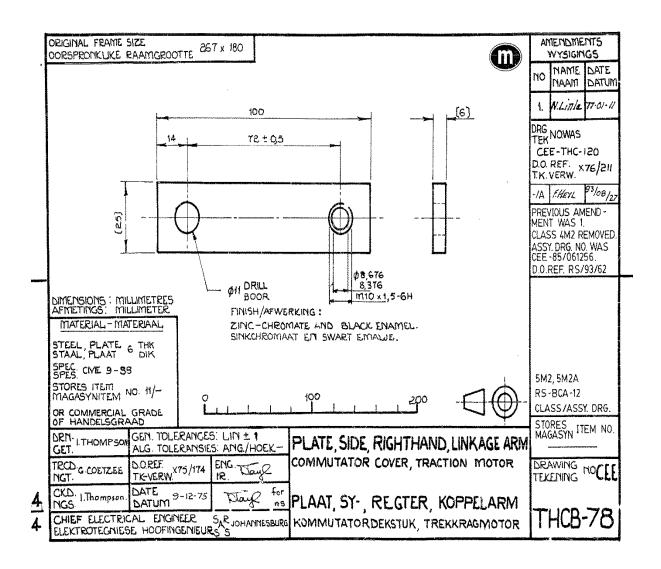


13.24 M00001490 - handle; commutator cover users description traction motors, access cover, equipment used on motor coach 5m2a, material mild steel, galvanized, steel dimensions 100mm x 25mm x 6mm thick, bolt size m10 x 90mm



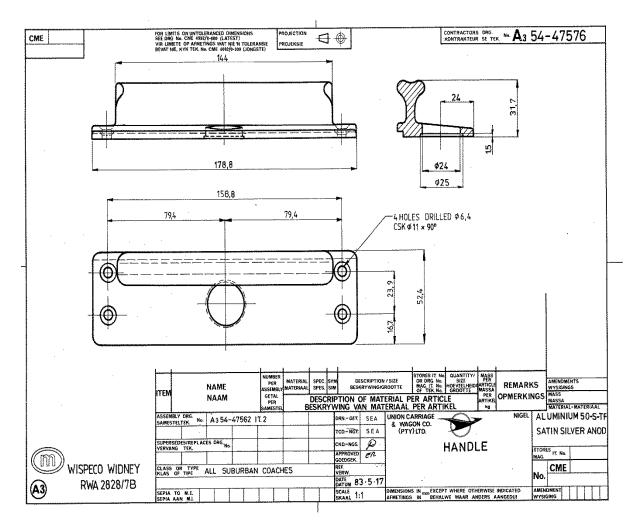






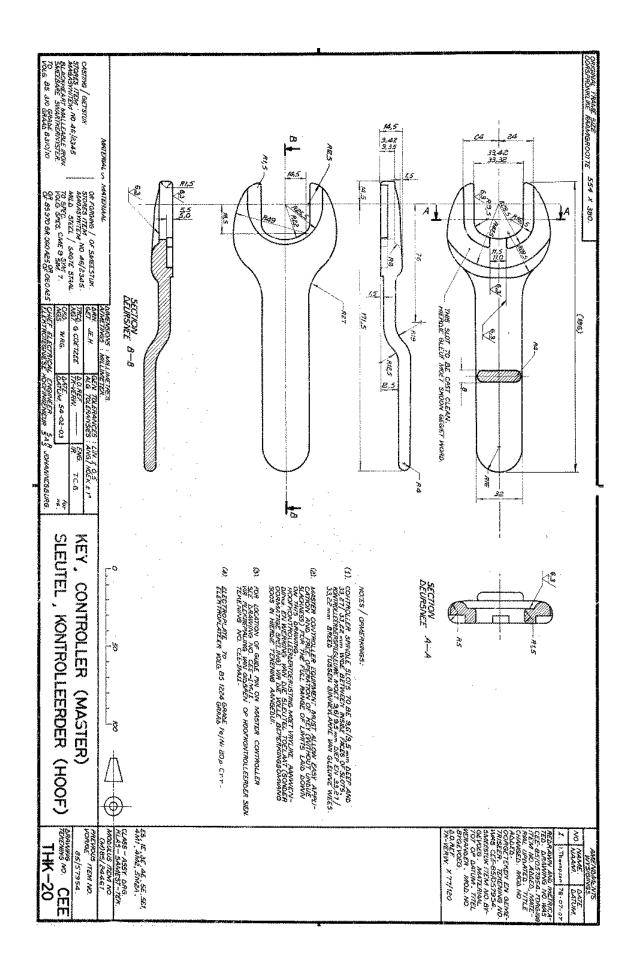
13.25 M00076426 - handle, door, vehicular; type inner sliding door grip, dimensions 31.7 x 52.4 x length 178.8 mm, material plastic, special features conforms to drawing: A3 54-47562/latest





13.26 M00012432 - key, switch: type: master controllers and motor cut-out: drawing: CEE-THK-20/latest: equipment used on electric locomotive 5e, 5e1, 6e, 6e1, 8e, motor coach 5m2, 5m2a



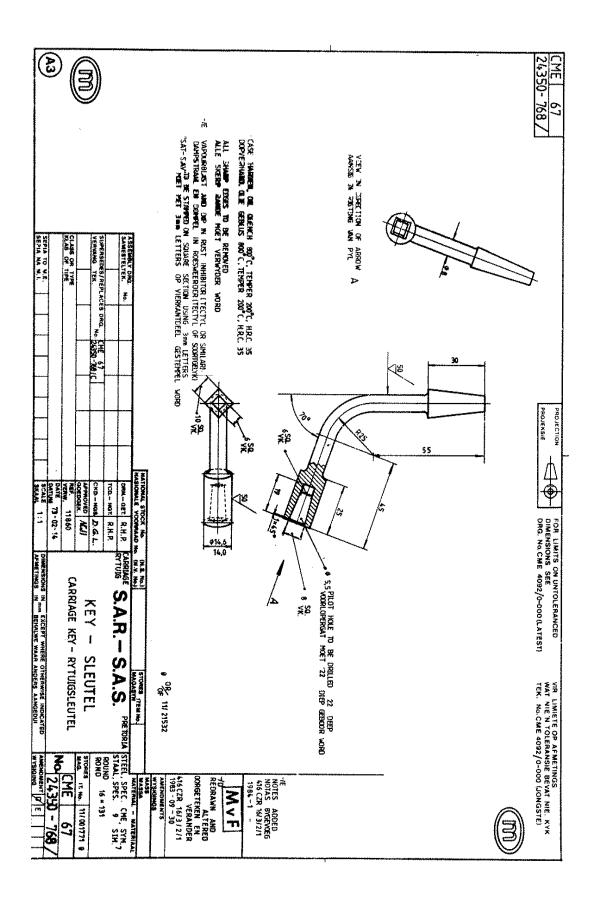


13.27 M00015968 - key, switch: type: guard: (rad gk1) used on 10m3/10m5 motor coaches



13.28 M00064783 - key: type: carriage, material: steel: drawing: CME 67/24350-768/latest: unit of issue: each





13.29 M00075964 - bolt, barrel: dimensions: length 305 mm, material: steel, special features: Brenton pattern, shoot diameter 13mm



13.30 M00101288 - key, type guard control key, special features used on 10m5 motor coach, grooves and projections to be same as the ones that are presently being used,

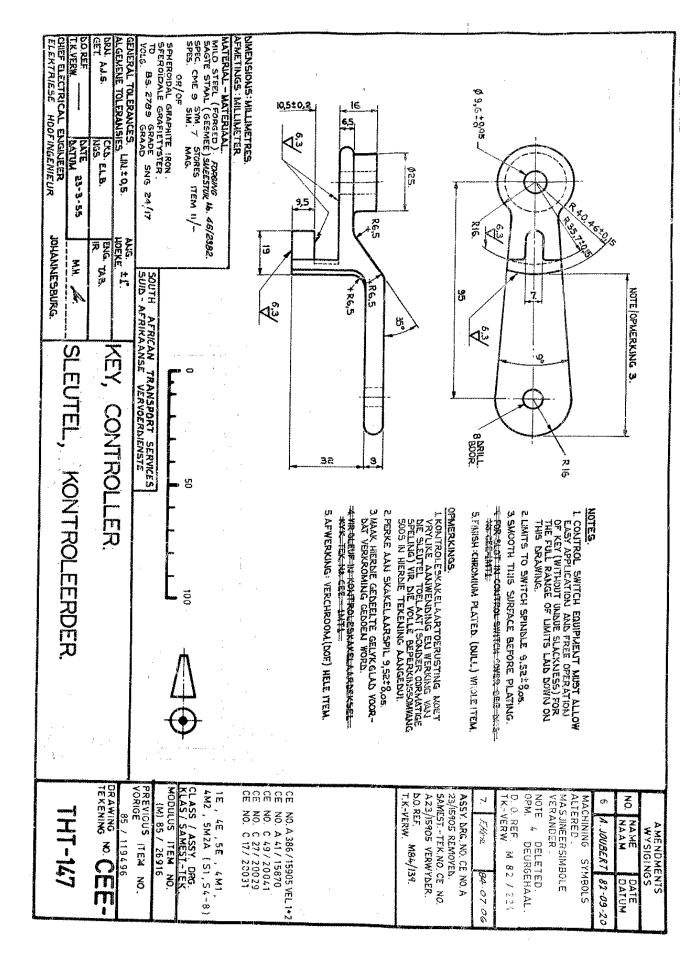


13.31 M00101289 - key; type driver control key, special features used on 10m5 motor coach, with magnetic shaft



13.32 M00032192 - key; type controller, material conforms to drawing: CEE - THT - 147 / latest; equipment used on motor coach 5m2a, push button switch box





13.33 M00002253 - padlock: dimensions: wide 50 x length 60 x thick 26 mm, shackle material: stainless steel, body material: brass: ovaloid body, close shackle 8 mm diameter. The plug & key section shall be similar to and directly interchangeable with union type 524. The broach of which is to be reserved for the sats



12.34 M00100002 - key, lock; type high voltage security, usage design special reserved key to open all PRASA HT locks (48031843) and LT locks (48031855); sans 1533:2005 category 5 - each key to be supplied with a unique serial number



M00100003 - key, lock; type low voltage security, special features security of ladders and low voltage kiosks, usage design special reserved key to open all PRASA LT locks (48031855), design type sans 1533:2005 category 5; each key to be marked "lt"



12.36 M00100004 - key, lock; type substation and track switch, usage design special reserved key for PRASA (electrical); p/n: key ka 624632 for abus diskus 20/80 lock abus; key to be stamped "HT" and with unique serial number - one key to fit all abus diskus HT locks (48031729)



12.37 M00106572 - padlock; type mul-t-lock g47 high security mechanical, body material brass, dimensions wide 40 mm, furnished items keyed alike padlock all padlocks fitted with plastic dust cover., shackle material harden boron alloy steel



12.38 M00000506 - padlock: furnished items: chain: drawing: CCE E3093 sheet 2 latest, drawing: CCE E3093 sheet 1 latest, drawing: CCE E3093 sheet 3 latest: new; equipment used on points and crossings specification number CCE 2/44/latest



12.39 M00021451 - key, lock; material brass - points and crossings key, lock: material: brass: drawing: E3093 sheet 4 latest: equipment used on points and crossings specification number CCE 2/44/latest



12.40 M00021453 – padlock: dimensions: 50 mm: master to operate under key configuration a1693 keyed alike approved list no 63 group 2 to quoted part number or equal users description for keys see item 3/6734 item no.03006669, equipment used on gates on permanent reserves garage doors tool & paint stores tool boxes barrows & bicycles line pay boxes makers part number 250d viro master no 1 PLEASE NOTE THIS LOCK IS WITHOUT THE KEY



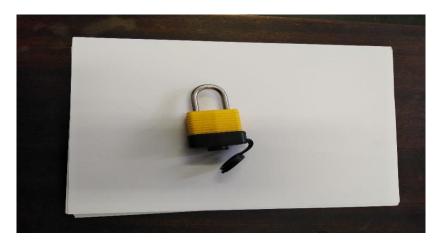
12.41 M00073532 – key, lock: type: tumbler, material: brass, special features: 4 pin: A1963; for master padlock in accordance with approved list no 63, to suit code setting, A1693, A1693 engraved; users description see item M00021453, equipment used on keyed alike



12.42 M00001244 - key, lock: type: pad: mfr: viro p/n: m024502/a8372: item to be die-stamped users description see item M00053918 for lock, equipment used on padlock no 2049 configuration sig



12.43 M00053918 – padlock-body material steel padlock: type: laminated, dimensions: wide 40 x length 45 mm, body material: steel: without keys; keyed alike to reserve key setting 2049 item to be die-stamped 2049, refer to item no M00001244 for key equipment used on for signal use only sig



12.44 M00100005 - padlock; type high voltage security, body material laminated steel with at least 20 micron plating thickness, dimensions width: at least 50 mm, features sans 1533:2005 category 5, furnished items open shackle with recordable 5 pin spool tumbler mechanism, shackle material boron steel - at least 8mm; to be die-stamped "HT" - keyway to be reserved for PRASA. Locks to be keyed alike, one special key to fit all HT locks. All locks to be supplied without keys