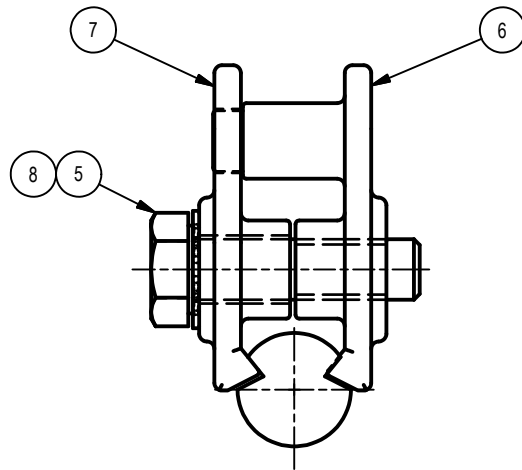
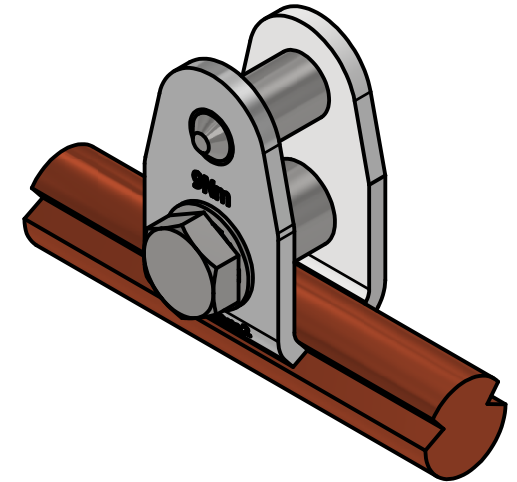
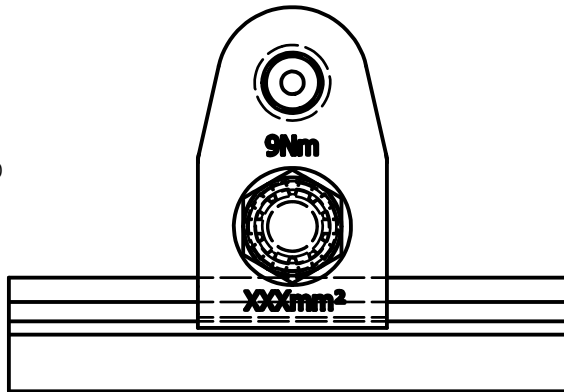
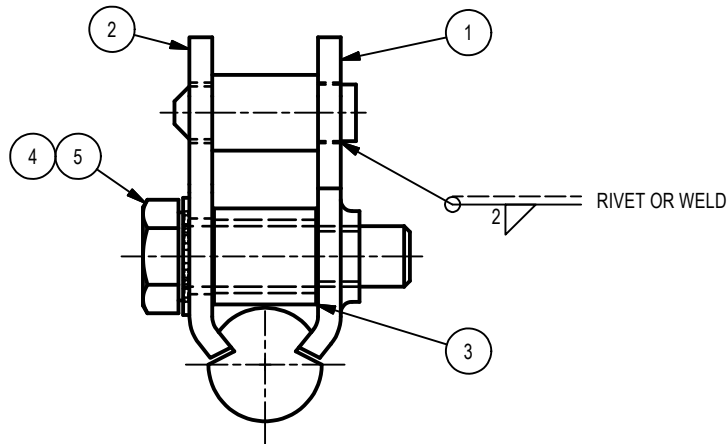




ALTERNATIVE DROPPER CLIP

TABLE 1	
CONTACT WIRE	STORES ITEN NO.
161mm ²	54017312
107mm ²	54006787

TABLE 2		
CONTACT WIRE	ITEM NO	BOLT LENGTH
107mm ²	8	25mm
161mm ²	8	30mm

NOTES

1. STOPPER TO PREVENT OVER TORQUE, STOPPER MAY NOT INTERFERE WITH CONTACT WIRE.
2. ASSEMBLES DROPPER MINIMUM WORKING LOAD OF 4kN.
3. ASSEMBLED DROPPER CLIP MUST BE PERMANENTLY MARKED WITH THE FOLLOWING
 - (a) TRANSNET LOGO
 - (b) MANUFACTURERS IDENTIFICATION.
 - (c) DATED BATCH NUMBER.
 - (d) WIRE SIZES.
 - (e) TORQUE = 9Nm.

8	HEXAGON BOLT, STAINLESS STEEL, GRADE AISI 304, M8 x SEE TABLE 2.	1	-	-
7	HALF DROPPER CLIP WITHOUT THREAD. (TIN-BRASS)	1	-	CEE-TND-0022 SHT 2
6	HALF DROPPER CLIP WITH THREAD (TIN-BRASS)	1	-	CEE-TND-0022 SHT 2
5	LOCK WASHER, INTERNAL TOOTH, STAINLESS STEEL, AISI GRADE 316, M8	1	-	-
4	HEXAGON BOLT, STAINLESS STEEL, GRADE AISI 316, M8 x 30mm LONG.	1	-	-
3	STOPPER.	1	-	CEE-TND-0022 SHT 1
2	HALF DROPPER CLIP WITHOUT THREAD.	1	-	CEE-TND-0022 SHT 1
1	HALF DROPPER CLIP WITH THREAD AND SPACER PIN ASSEMBLY	1	-	CEE-TND-0022 SHT 1
ITEM NO.	DESCRIPTION	QTY	STORES ITEM NO.	DRAWING NO.

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DIMENSIONS : mm
TOLERANCE : LIN ± - ANG ± -
MATERIAL : -

SCALE : 1:1

ITEM NO: -

VERSION INFO : ITEM 6 AND 7 ADDED.

29/02/2024

APPROVED : W SCHOEMAN

AUTHORISED : T GOVENDER

DROPPER CLIP
107mm² / 161mm² CONTACT WIRE

TRANSNET
freight rail

CEE-TND-0022

VERSION 8

A4

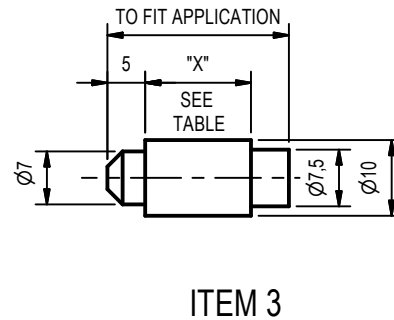
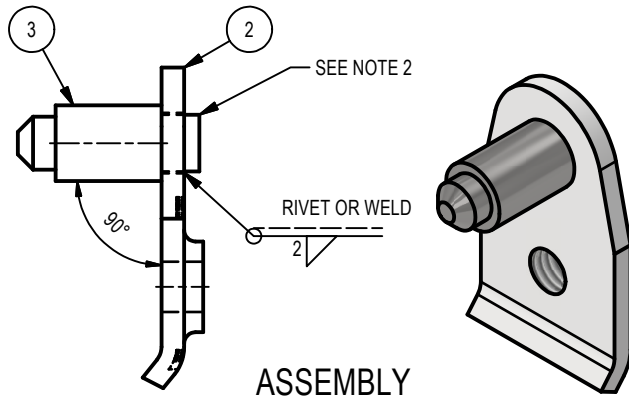
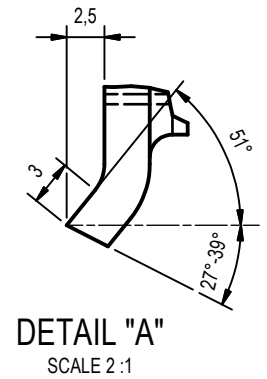
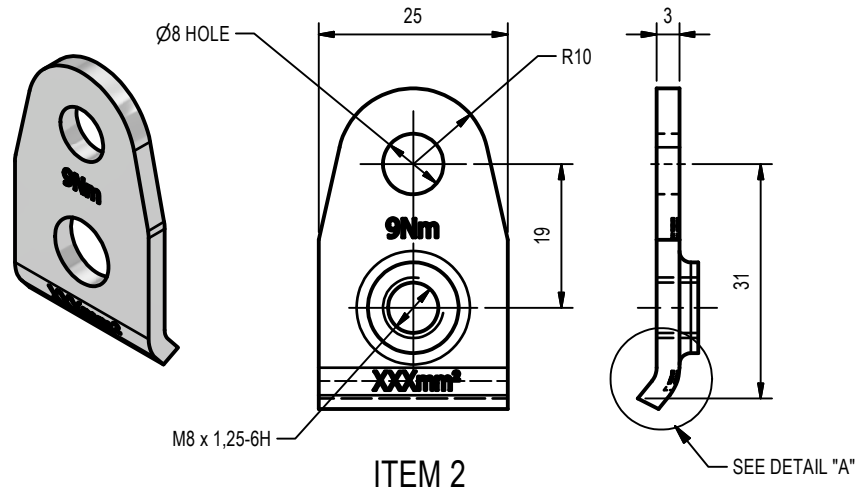
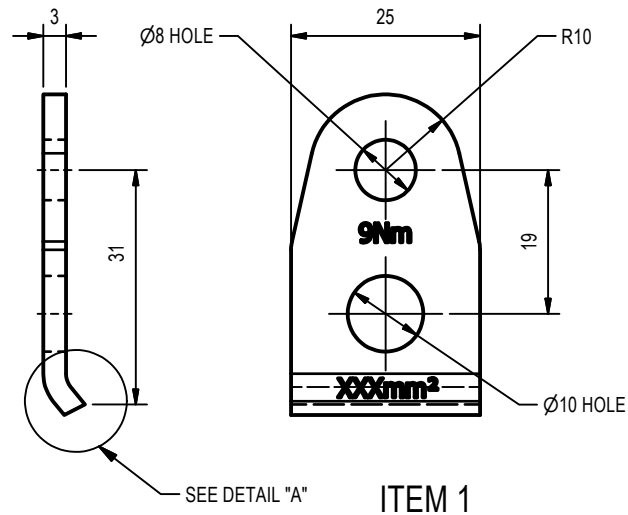
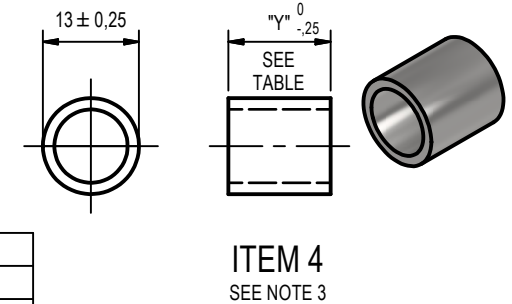
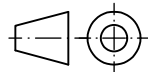


TABLE		
CONTACT WIRE	"X"	"Y"
107mm ²	11	10,5
161mm ²	14	13,5



NOTES

- THE FOLLOWING PERMANENT MARKINGS MUST APPEAR ON THIS ARTICLE:
 - TRANSNET LOGO
 - MANUFACTURERS IDENTIFICATION.
 - DATED BATCH NUMBER.
 - WIRE SIZES.
 - TORQUE = 9Nm.
- DRAW THROUGH FOR INCREASED THREAD LENGTH.
- THE LENGTH OF THE TUBE MUST NOT INTERFERE WITH THE CLAMPING OF THE DROPPER CLIP.



4	STOPPER, STAINLESS STEEL TUBE TO AISI GRADE 304, Ø12,7 O.D. 1,5mm WALL THICKNESS.	1	-	-
3	SPACER PIN, ROUND BAR, STAINLESS STEEL TO AISI GRADE 304, Ø10 x 24mm LONG.	1	-	-
2	DROPPER CLIP WITH THREAD, STAINLESS STEEL TO AISI GRADE 304.	1	-	-
1	DROPPER CLIP WITHOUT THREAD, STAINLESS STEEL TO AISI GRADE 304.	1	-	-
ITEM NO.	DESCRIPTION	QTY	STORES ITEM NO.	DRAWING NO.

DIMENSIONS : mm SCALE : 1:1
TOLERANCE : LIN ± 0,5 ANG ± 1° ITEM NO: -
MATERIAL : -

DRAWN : D HATTINGH CHECKED : D HATTINGH

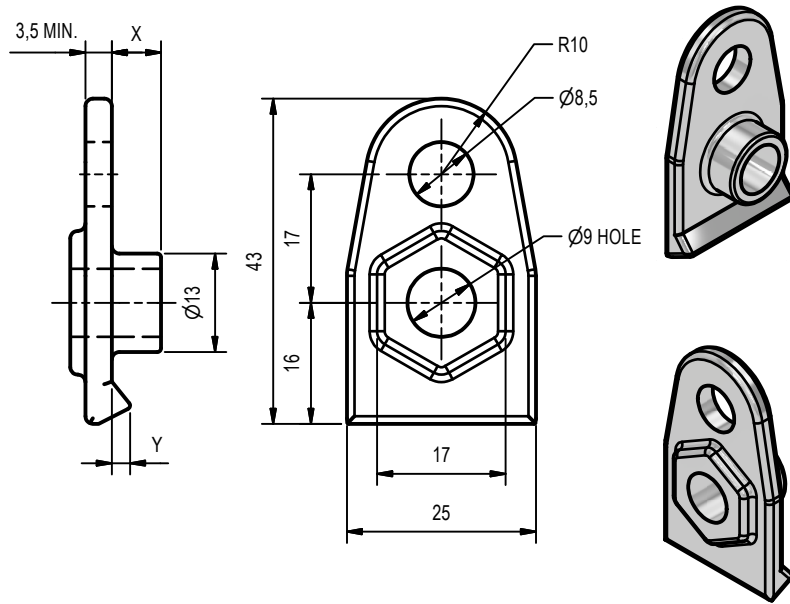
COMPONENTS OF 107mm² / 161mm²
STAINLESS STEEL DROPPER CLIP

TRANSNET
freight rail

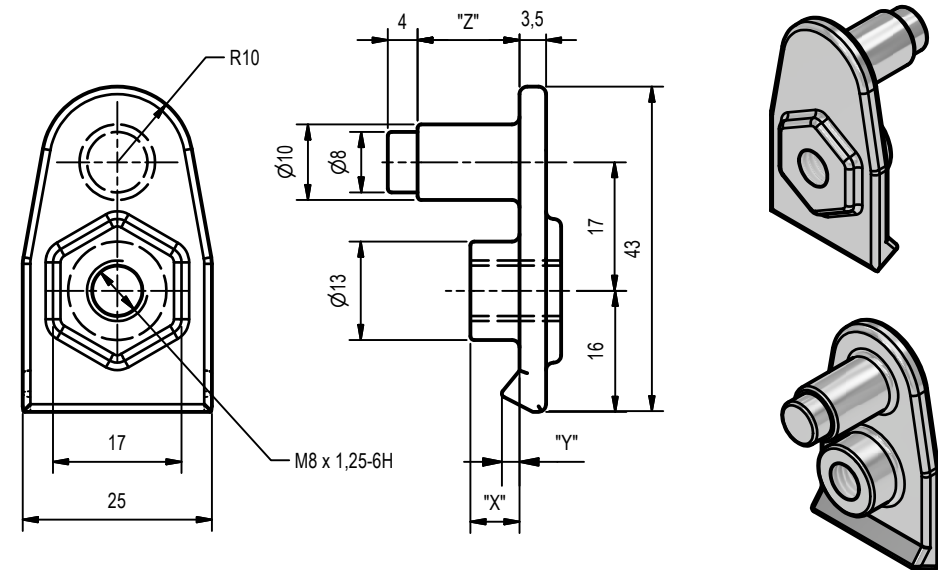
CEE-TND-0022 SHT 1

VERSION 8

A4



ITEM 1

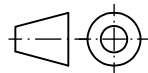


ITEM 2

NOTES

- THE FOLLOWING PERMANENT MARKINGS MUST APPEAR ON THIS ARTICLE:
 - TRANSNET LOGO.
 - MANUFACTURER'S IDENTIFICATION.
 - DATED BATCH NUMBER.
 - WIRE SIZE.
 - TORQUE = 9Nm.
- DIMENSION "Y" SHOULD NOT INTERFERE WITH THE CLAMPING OF THE DROPPER CLIP.

TABLE			
DIMENSIONS	"X"	"Y"	"Z"
107mm ²	4,3	1,9	9,5
161mm ²	6,5	2,4	13,5



2	HALF DROPPER CLIP WITH THREAD.	1	-	-
1	HALF DROPPER CLIP WITHOUT THREAD.	1	-	-
ITEM NO.	DESCRIPTION	QTY	STORES ITEM NO.	DRAWING NO.

DIMENSIONS : mm SCALE : 1 : 1
 TOLERANCE : LIN $\pm 0,2$ ANG $\pm 0,5$ ITEM NO : -
 MATERIAL : TIN BRASS

DRAWN : D HATTINGH CHECKED : D HATTINGH

COMPONENTS OF 107mm² / 161mm²
 TIN BRASS DROPPER CLIP

TRANSNET
 freight rail

CEE-TND-0022 SHT 2

VERSION 8

A4