

DO NOT SCALE – IF IN DOUBT ASK

ALL DIMENSIONS IN MILLIMETRES
TOLERANCES CLASS II UNLESS
OTHERWISE SPECIFIED
WELD SYMBOLS TO AS1101.3-1987

DRAWING LIMITATIONS:

SIDE-ARM INNER WALL IS NOT
CRACKED OR PERMANENTLY DEFLECTED.
SEE DENT DEFINITION
SEE REQUIRED CERT TEXT BELOW

THE FOLLOWING TEXT MUST APPEAR ON THE LT400 FOR THIS REPAIR:
A MODIFICATION CARRIED OUT TO THIS DRAWING IS APPROVED BY THIS
AGENCY NOT TO SUPERCEDE THE CURRENT CERTIFICATION

CHECK DIAGONAL DIMENSIONS FOR DRAWBAR TO CONFIRM
STRAIGHTNESS OF DRAWBAR SIDEARS
CHECK STRAIGHTNESS OF BOTH ARMS OF DRAWBAR
AS NO BOWING ALLOWED IN SIDE ARMS OF DRAWBAR

NOTES:

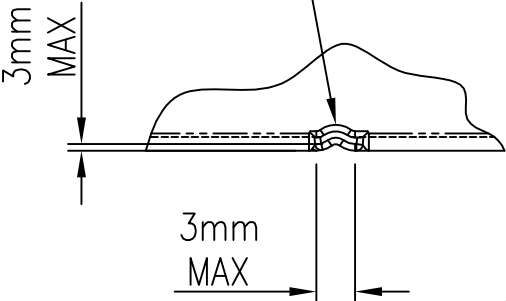
1. WELDING OF STEEL SECTIONS TO COMPLY WITH AS/NZS1554
PART 1(CATEGORY SP)

-WELDING AND JOINT PREP. TO COMPLY WITH SECTION 4.
-WELDER TO BE CURRENTLY CERTIFIED TO CLAUSE 4.11.2
IN APPROPRIATE POSITIONS AND TECHNIQUES USED.
-WELDING CONSUMABLES TO COMPLY WITH SECTION 4.5
FOR THE TYPE AND GRADE OF MATERIALS USED.
-INSPECTION TO BE CARRIED OUT AS PER SECTION 7.
2. REMOVE ALL BURRS AND SHARP EDGES, DRESS WELD
TERMINATIONS
3. ENSURE WELDING COMPATIBILITY OF MATERIAL.
THIS REPAIR IS ONLY SUITABLE FOR
MATERIAL UP TO 350 MPa YIELD. CONSULT
AN ENGINEER WITH THE CHASSIS CATEGORY IF
HIGHER YIELD MATERIAL IS USED
4. MAXIMUM RATING NOT TO EXCEED VEHICLE OR
COUPLING MANUFACTURERS RATINGS. COUPLING
MAY MATCH ORIGINAL CERTIFICATION RATING IF
THE ABOVE CONDITIONS ARE MET OTHERWISE
CONTACT AN ENGINEERING CERTIFIER WITH THE
TOWING CATEGORY.
5. ADDITIONAL STEEL PLATE MATERIAL TO MEET
AS/NZS 3678 &/OR AS/NZS 3679

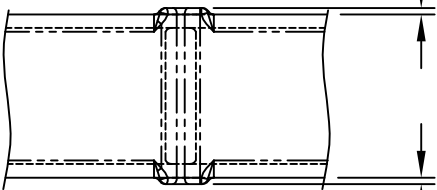
WELD SYMBOLS TO AS/NZS 1554.1

SYMBOL	JOINT	TABLE
	F1	E3

NO EVIDENCE OF
BROKEN INNNER SKIN



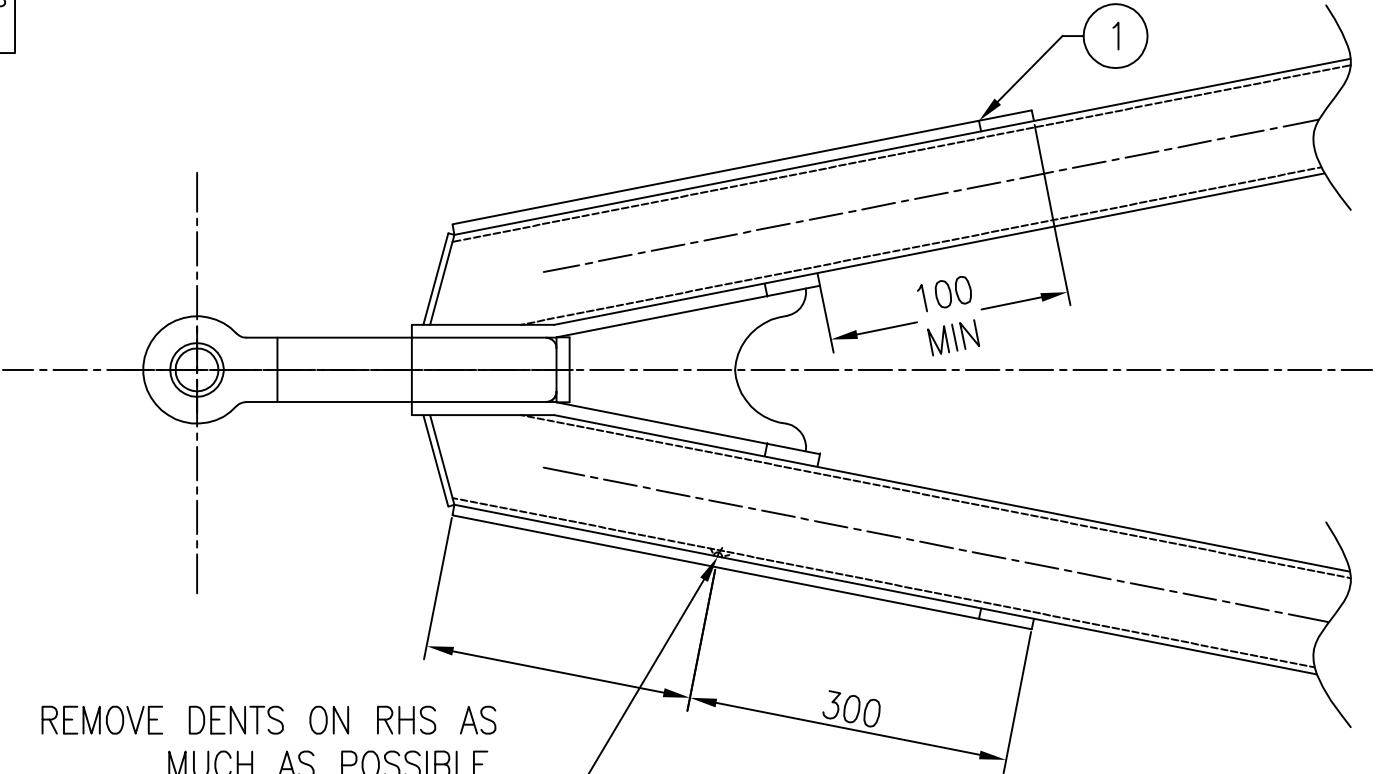
PLAN VIEW



SIDE VIEW

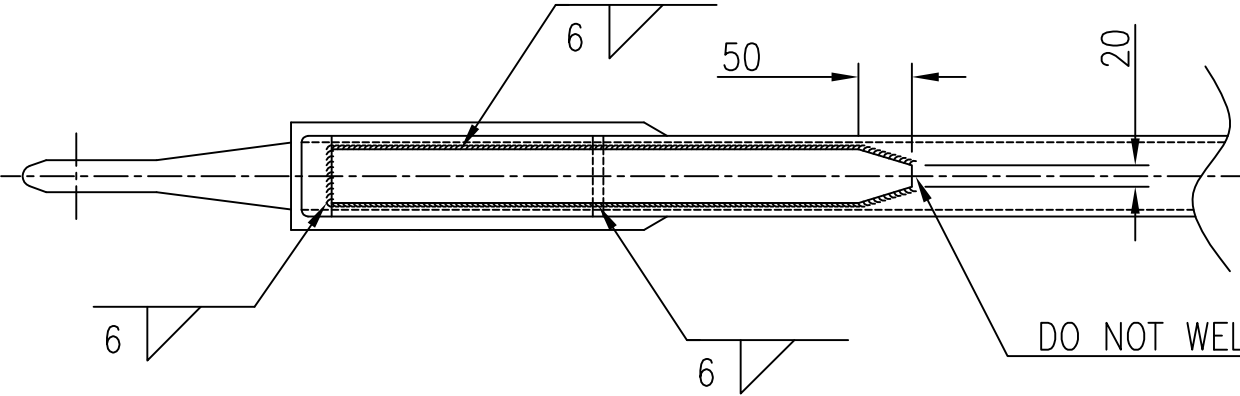
MAXIMUM REPAIRABLE DENT SIZE

REMOVE DENTS ON RHS AS
MUCH AS POSSIBLE.
ENSURE SMOOTH FINISH
DO NOT USE HEAT



PLAN VIEW

STRAPS MUST BE FITTED TO BOTH SIDES OF DRAWBAR



SIDE VIEW

DO NOT WELD END OF STRAP

OWNER			
MAKE		MODEL	
CERTIFIER		CERT. No.	

THIS REPAIRED UNIT MUST COMPLY WITH
INSPECTION REQUIMENTS IN THE HVSC VIRM SECTION 9-2

C			
B	09/07/19	UPDATE FOR ISSUE IN NZTA VIRM	
A		FIRST ISSUE TO CLIENT	
ISSUE	DATE	CHANGES MADE	BY

A-FRAME – DRAWBAR DENT REPAIR – MATERIAL YIELD < 350 MPa
WORKSHOP: _____ CLIENT: _____

1	2	50/60/80 X 10 MSF	FLATBAR REINFORCING STRAP	
ITEM	QTY	MATERIAL	DESCRIPTION	DRAWING
			4 – MRCP – T002	Sheet: 1/1
			Drawn: R.F.	Issue: B
			Scale: NTS	Chkd:
			Date: 2/11/2015	Date: