

PARTS & SERVICE NEWS

REF NO. AA04037

DATE March 25, 2004

(C)

Page 1 of 16

SUBJECT: Field Installation Kit for Truck Dump Body Side Wall Extension

PURPOSE: To provide information and instructions for the installation of a 200 mm vertical extension on both side walls of the truck dump body.

APPLICATION: HD465-7 Dump Truck Serial Number 7001 and up

FAILURE CODE: 7911Z9

DESCRIPTION:



WARNING! Refer to the Operation and Maintenance Manual for all applicable Warnings and Cautions to be observed during this installation.

NOTE: Before starting this procedure, read and fully understand this entire Parts & Service News (including the drawings).

PARTS LIST			
ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	56983A0010	EXTENSION ASSEMBLY	1
2	56983A0090	..PLATE	1
3	56983A0100	..PLATE	1
4	56983A0110	..PLATE	2
5	56983A0020	..EXTENSION	1
6	56983A0040	..PLATE	1
7	56983A0050	..PLATE	1
8	56983A0060	..PLATE	5
9	56983A0070	..PLATE	1
10	56983A0080	..PLATE	1
11	5698361D60	..BAR	1
12	56983A0030	..EXTENSION	1
13	56983A0040	..PLATE	1
14	56983A0050	..PLATE	1
15	56983A0060	..PLATE	5
16	56983A0070	..PLATE	1
17	56983A0080	..PLATE	1
18	5698361D60	..BAR	1

Procedure (Refer to Drawings and Parts List as needed)

1. Gather and weld the parts to make Extension 5683A0020 (Item 5) in accordance with its drawing. Avoid long continuous welds to minimize linear distortion.
2. Gather and weld the parts to make the other Extension 5683A0030 (Item 12) in accordance with its drawing. Avoid long continuous welds to minimize linear distortion.
3. Use Extension Assembly Drawing 5683A0010 (Item 1), its listed parts, and welding instructions to attach the two extensions to the truck dump body side walls.

Welding Procedure

1. Grind clean all truck dump body surfaces to be welded. This will prevent any burning of paint or foreign matter and provide a good surface ready for welding.
2. Tape all surrounding areas that could be damaged by weld spatter (glass, rubber, etc.).
3. **NOTE:** Tack and skip weld side rail parts to the truck body. Avoid long continuous welds to minimize linear distortion.
4. Position parts and weld extensions and parts in accordance with Extension Assembly Drawing 5683A0010.

Important Welding Notes

Proper Welding Environment:

Control of the welding area environment is essential for producing proper welds.

The following areas require attention and control.

- a. Air movement caused by wind or drafts must be avoided.
- b. Low ambient temperature - Welding should not be done with metal or air temperatures below 10°C (50°F).
- c. Weld cooling - Provisions should be made to protect the weld from a rapid cooling rate.
- d. Moisture on the steel surfaces to be welded must be removed before attempting to make welds.
- e. Use only new, dry, low hydrogen welding rods. Electrodes must be stored in sealed containers until needed.
- f. Foreign materials - any foreign substances (dirt, paint, oil, rust, or scale) must be removed prior to any welding.
- g. All surfaces to be welded must be ground clean.
- h. Avoid long continuous welds to minimize linear distortion.

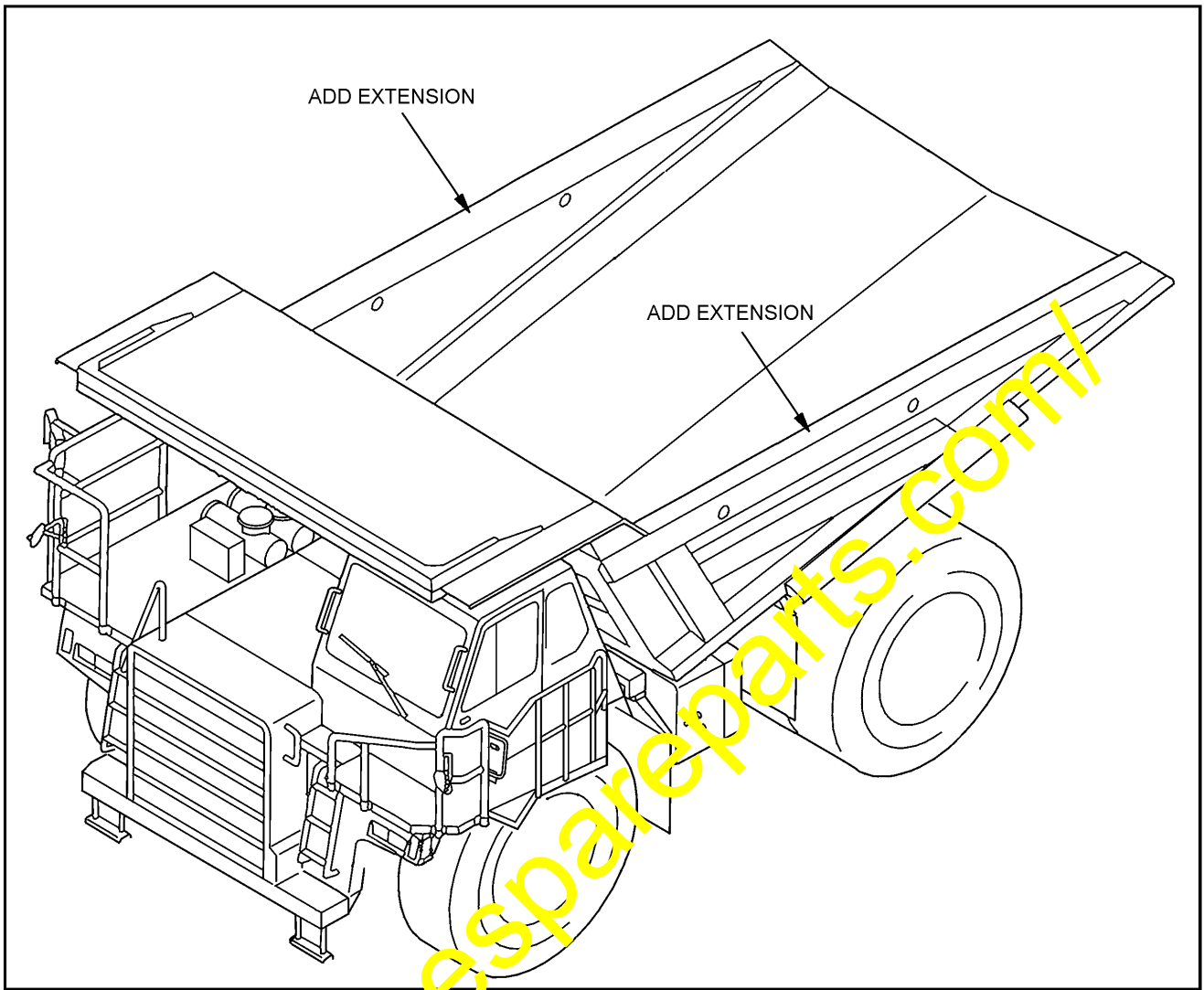
Paint Information

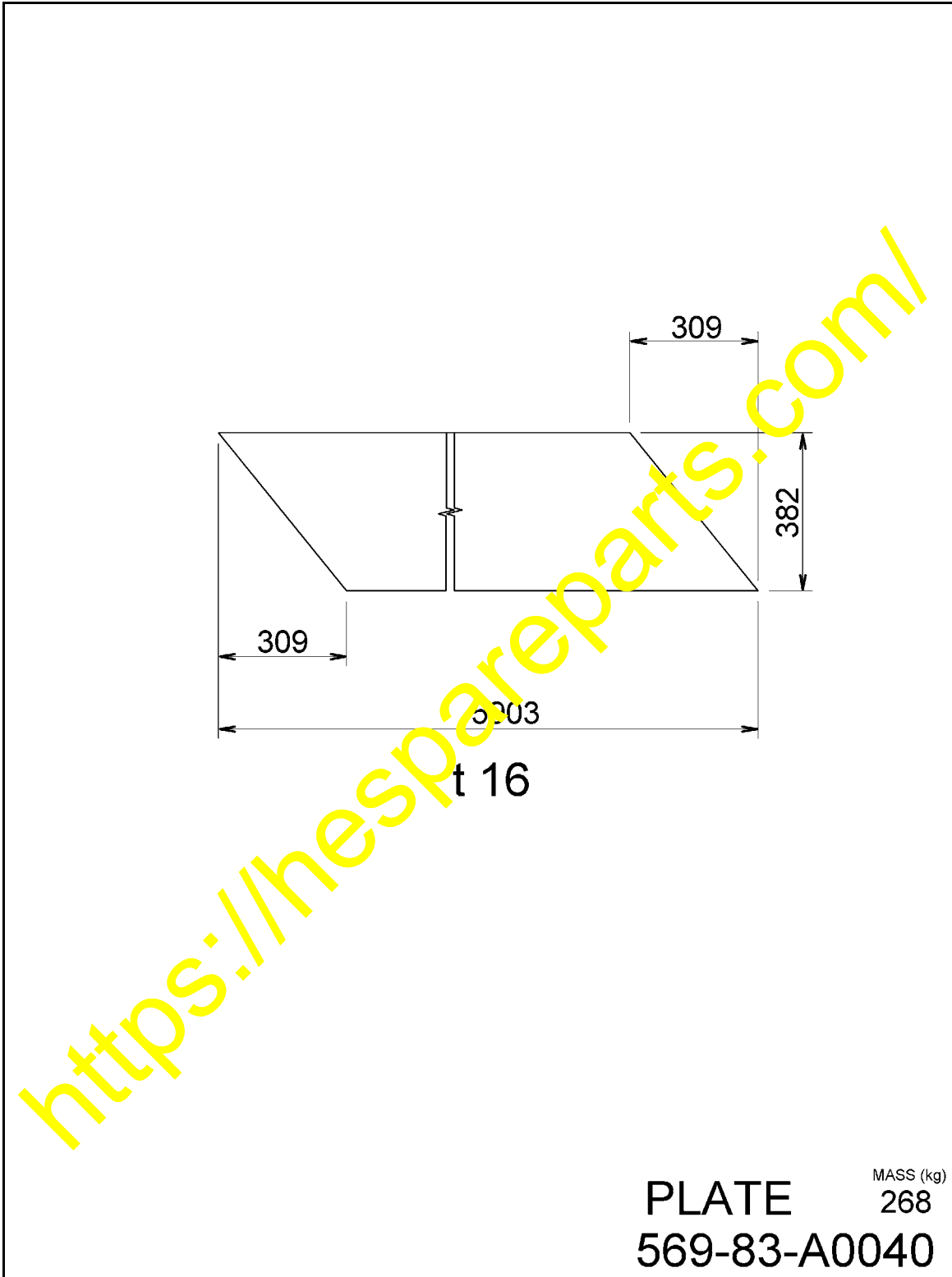
Sand smooth any areas that may have been discolored or rough ground during installation.

Paint the extensions, welds, and any adjoining areas with yellow primer.

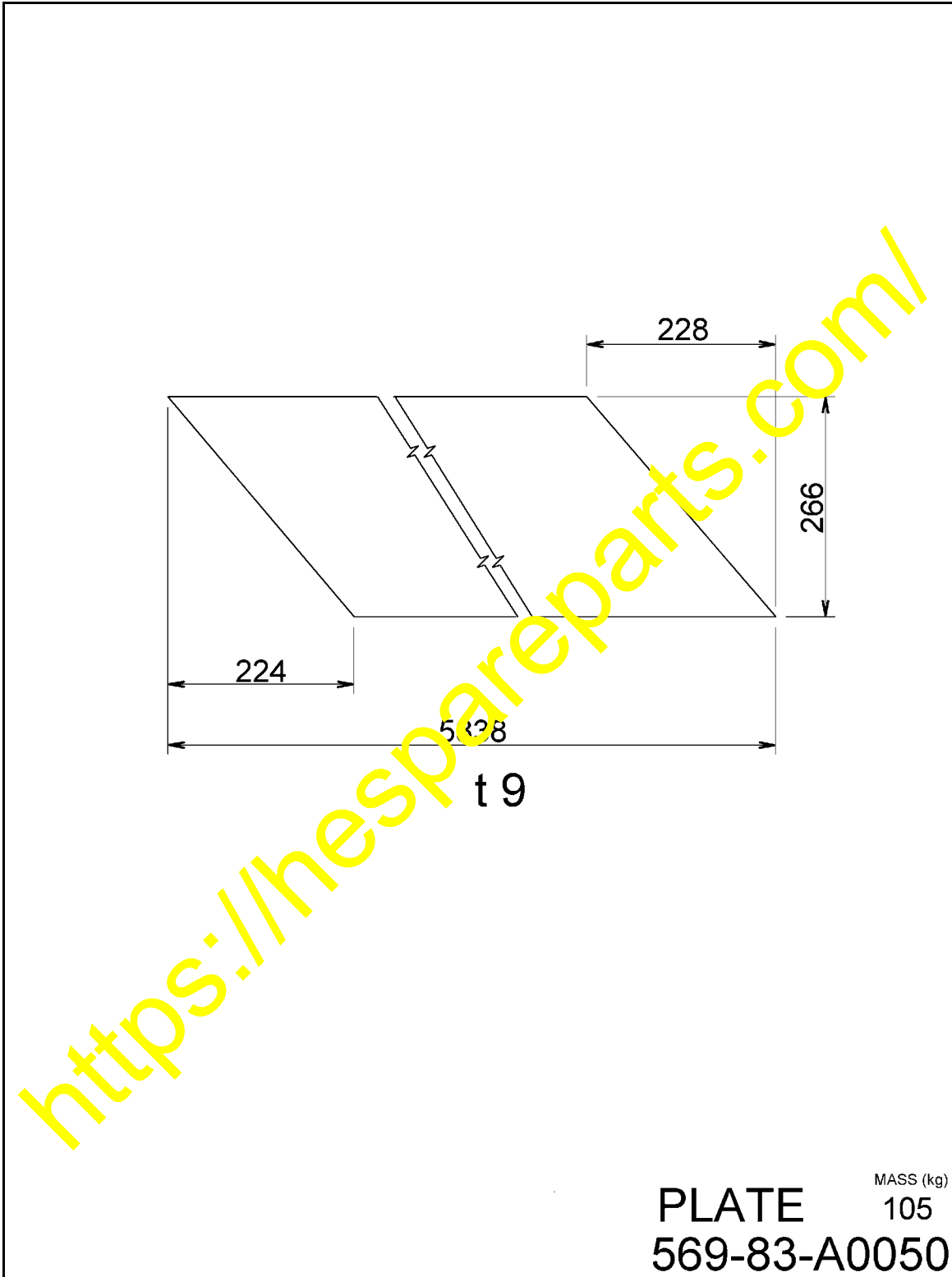
Contact your Dealer/Distributor for top coat paint availability.

Apply the finish coat.

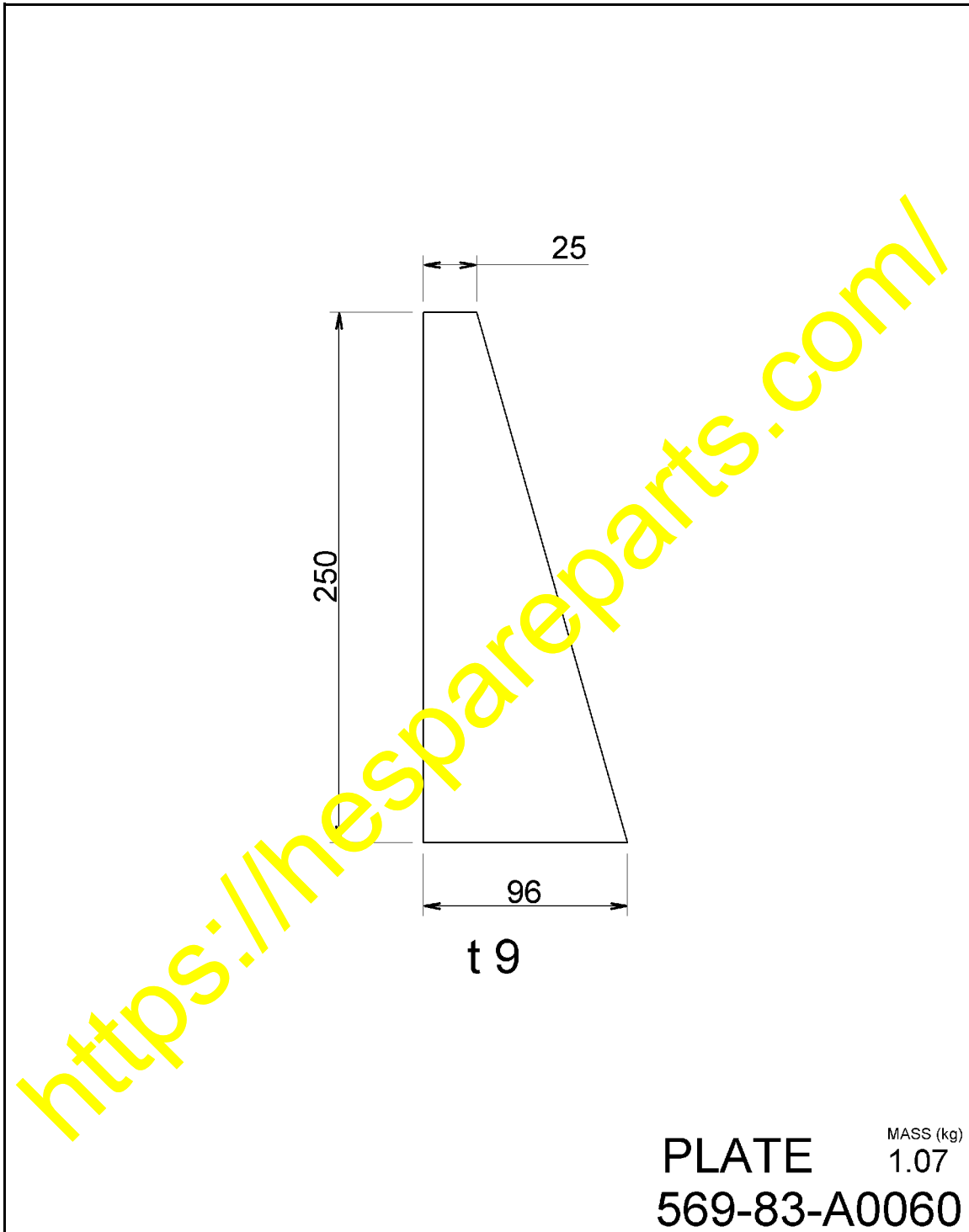




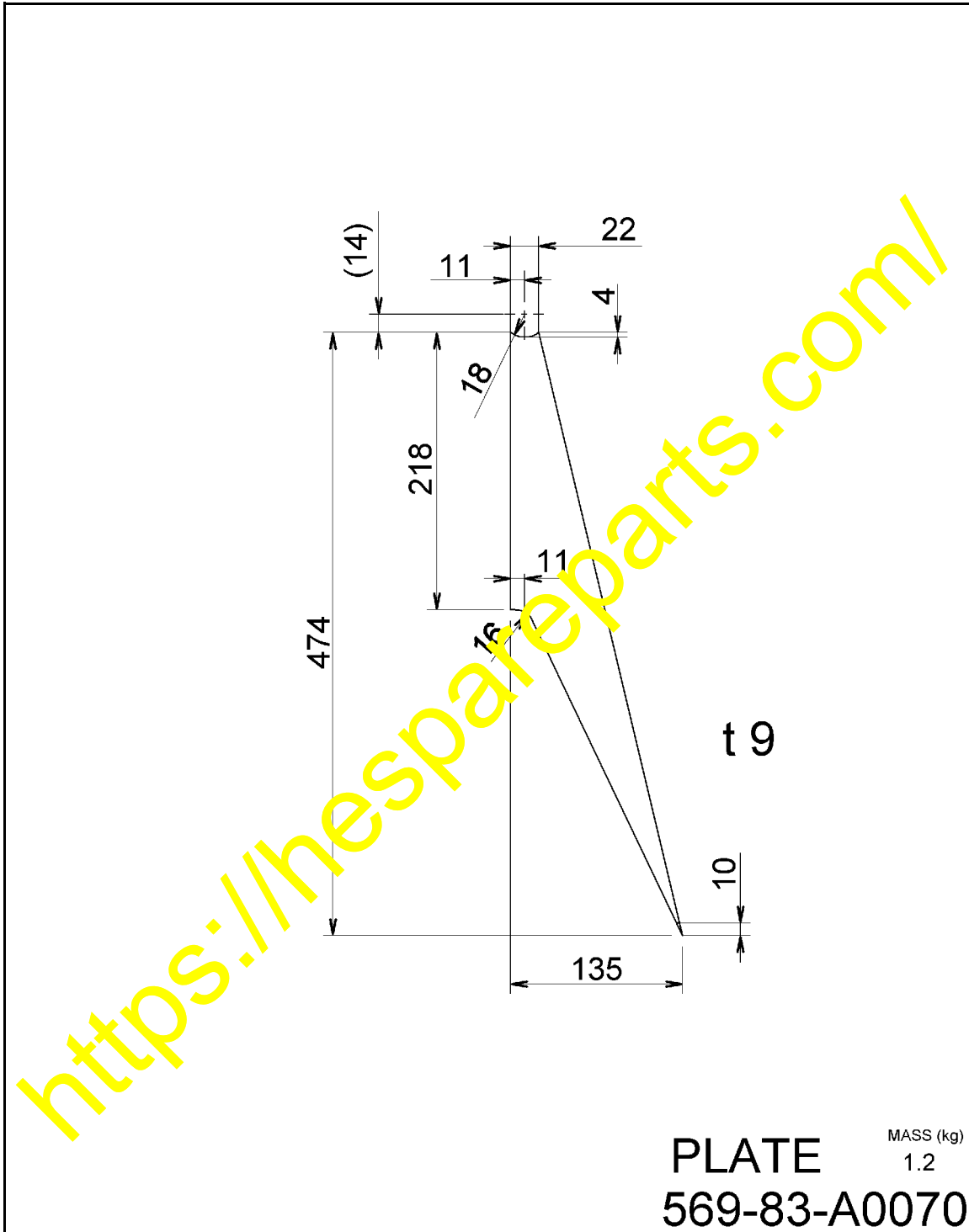
Parts List Items 6 & 13



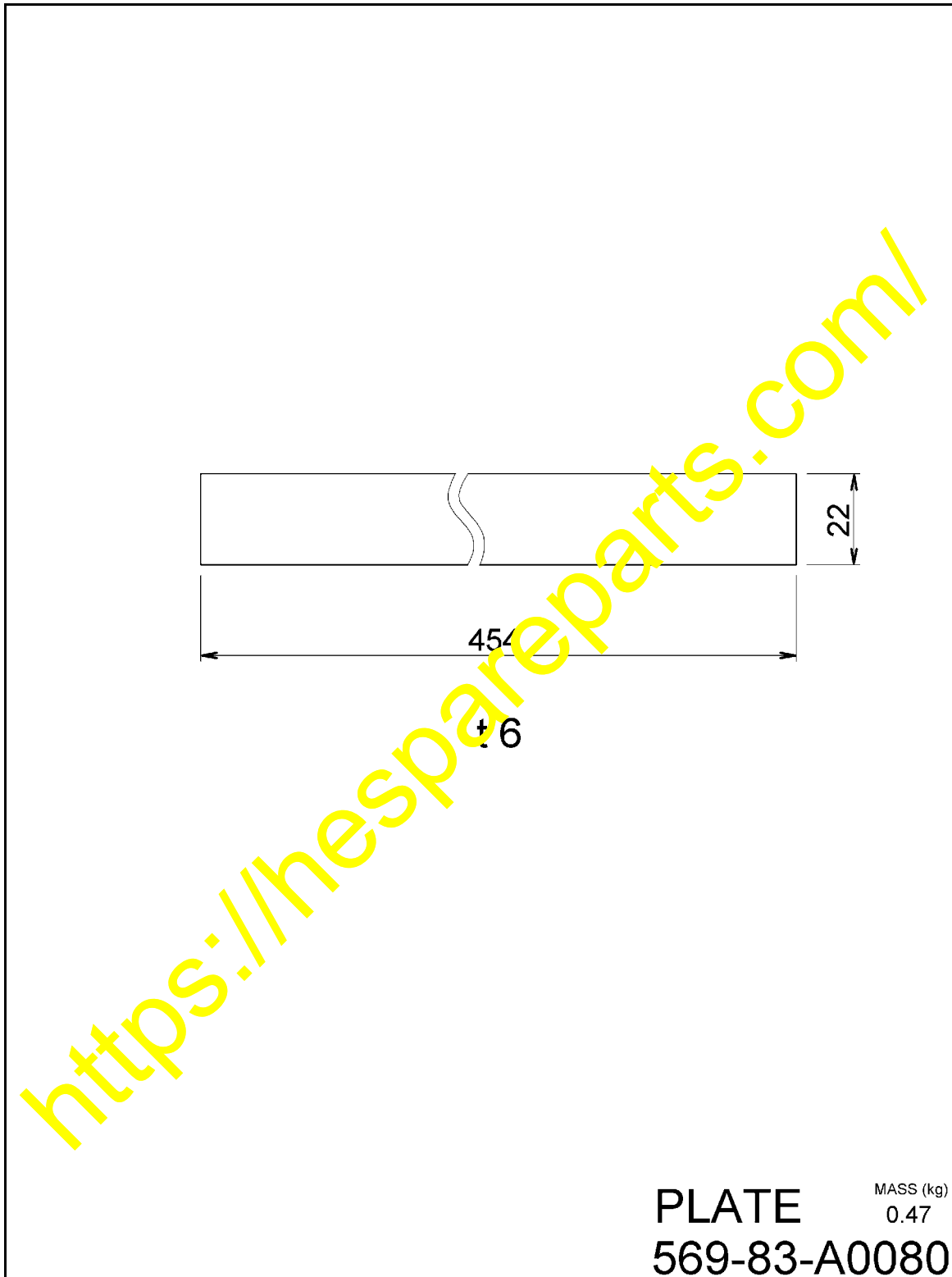
Parts List Items 7 & 14



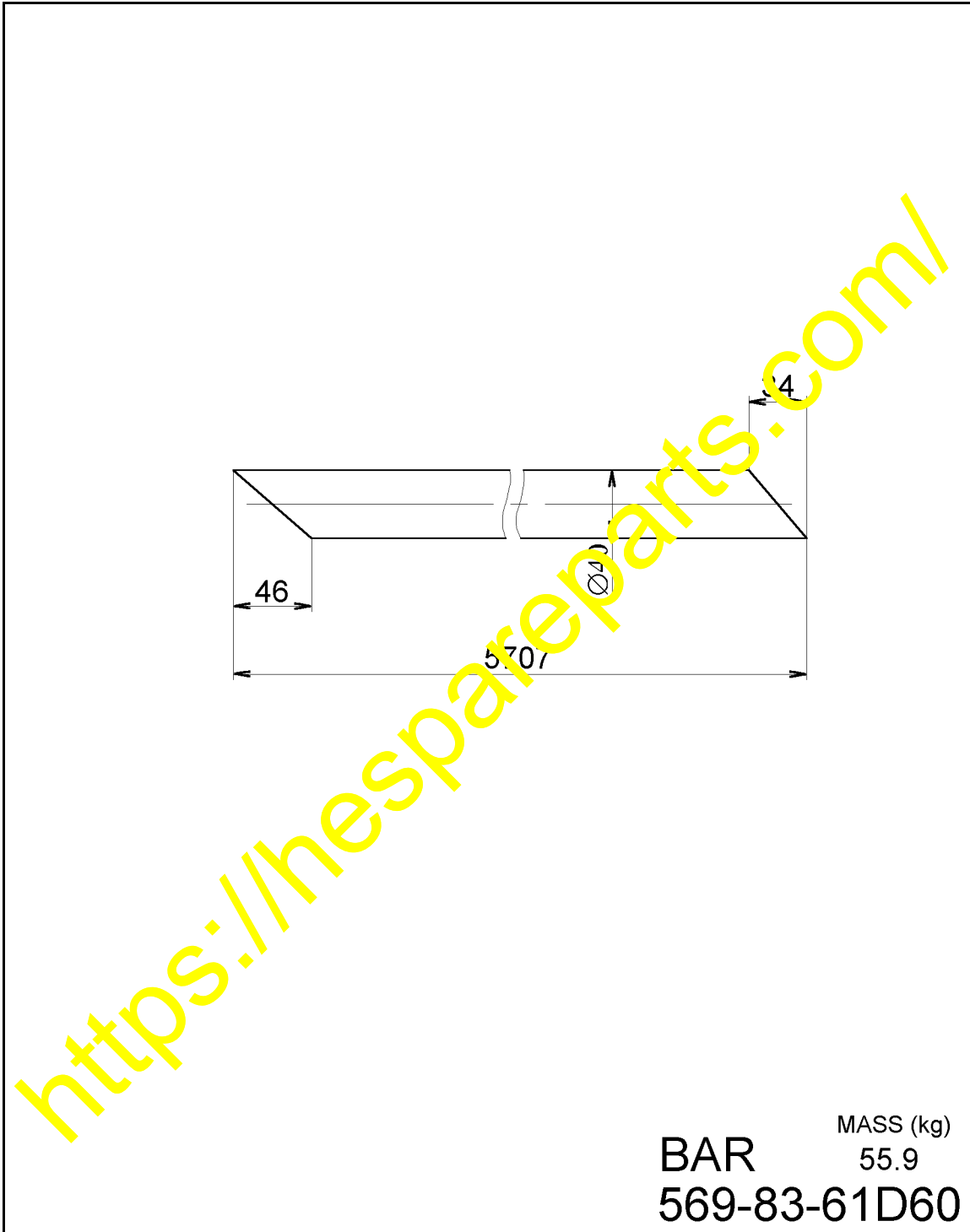
Parts List Items 8 & 15



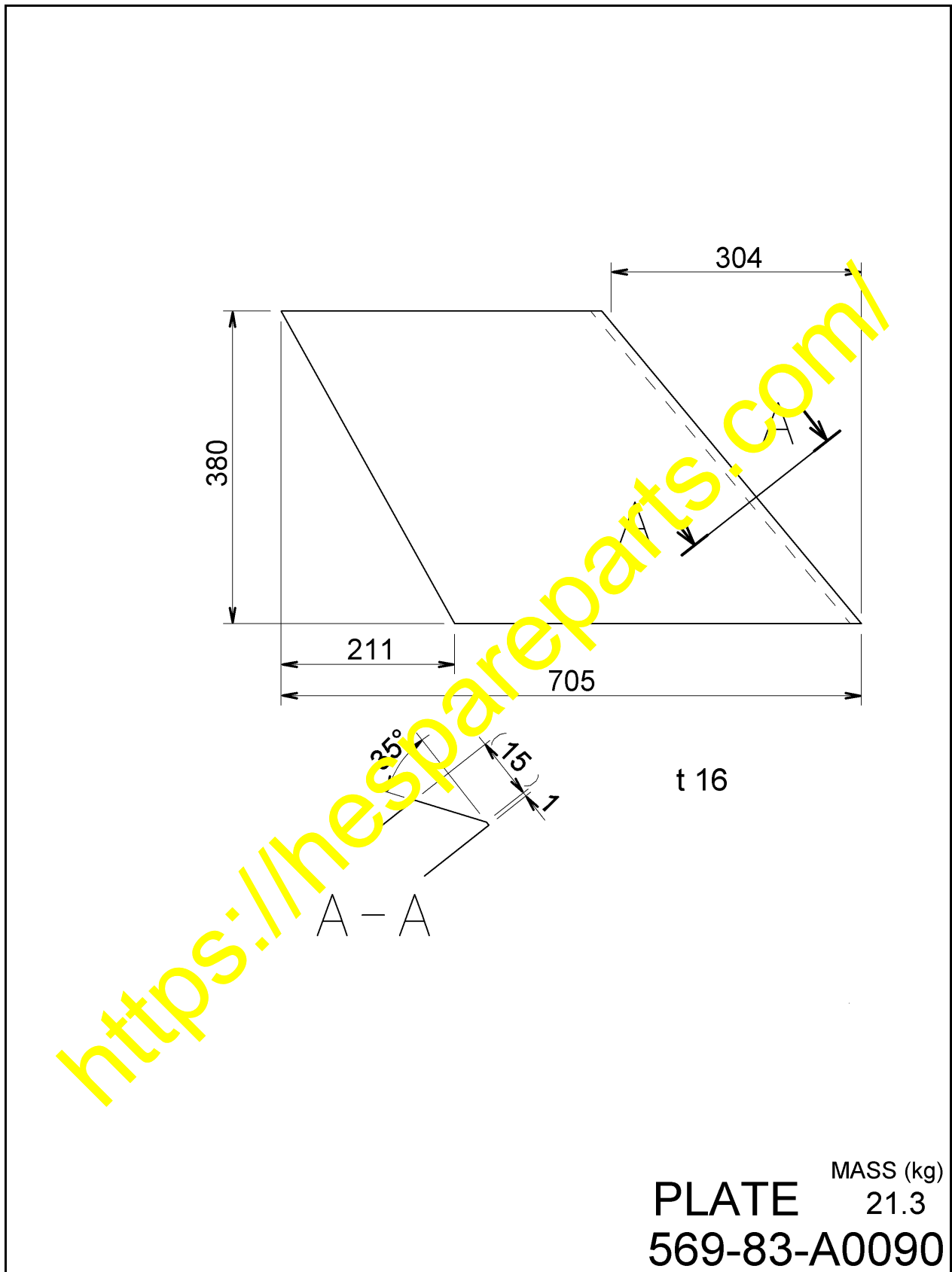
Parts List Items 9 & 16



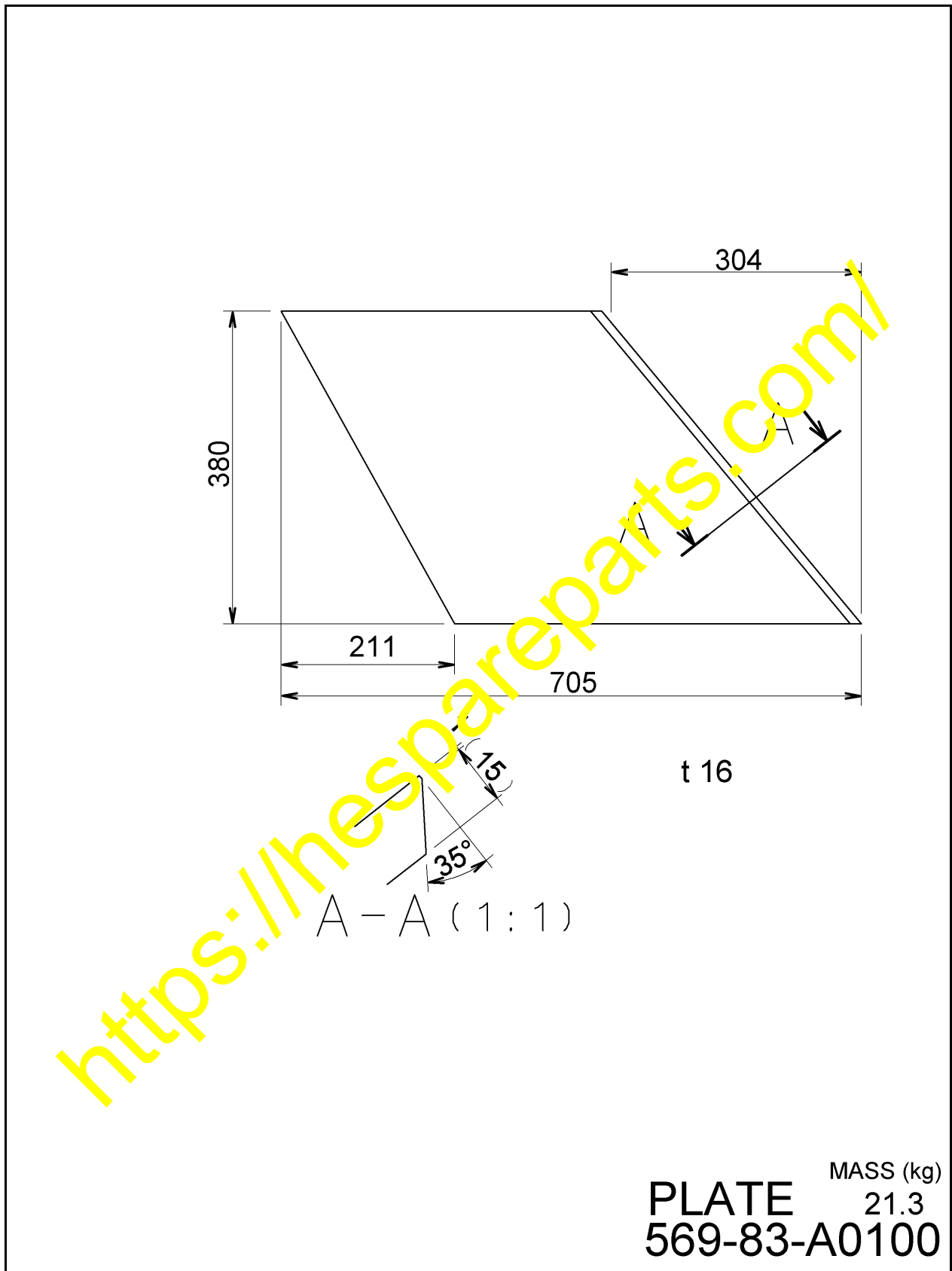
Parts List Items 10 & 17



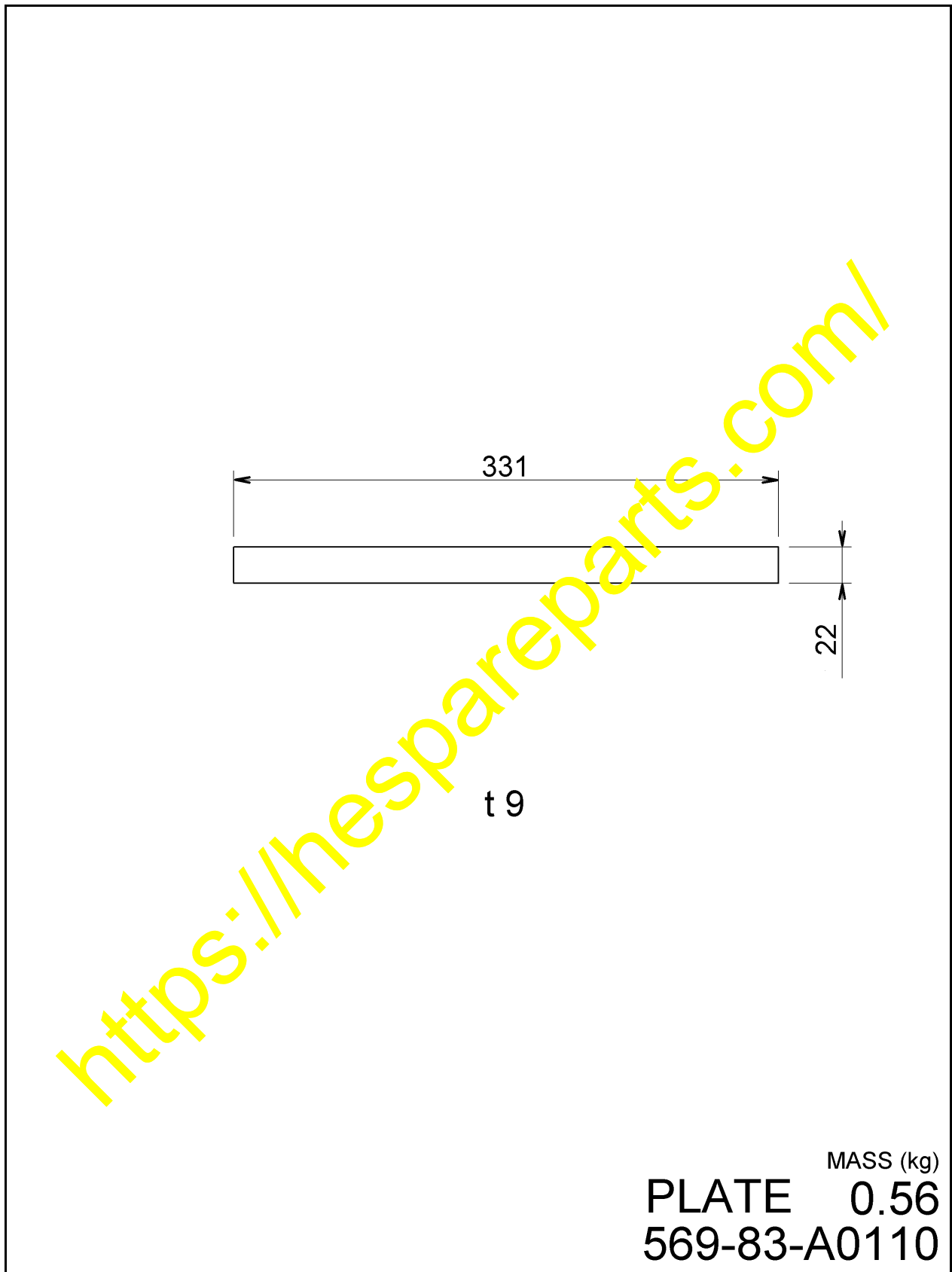
Parts List Items 11 & 18



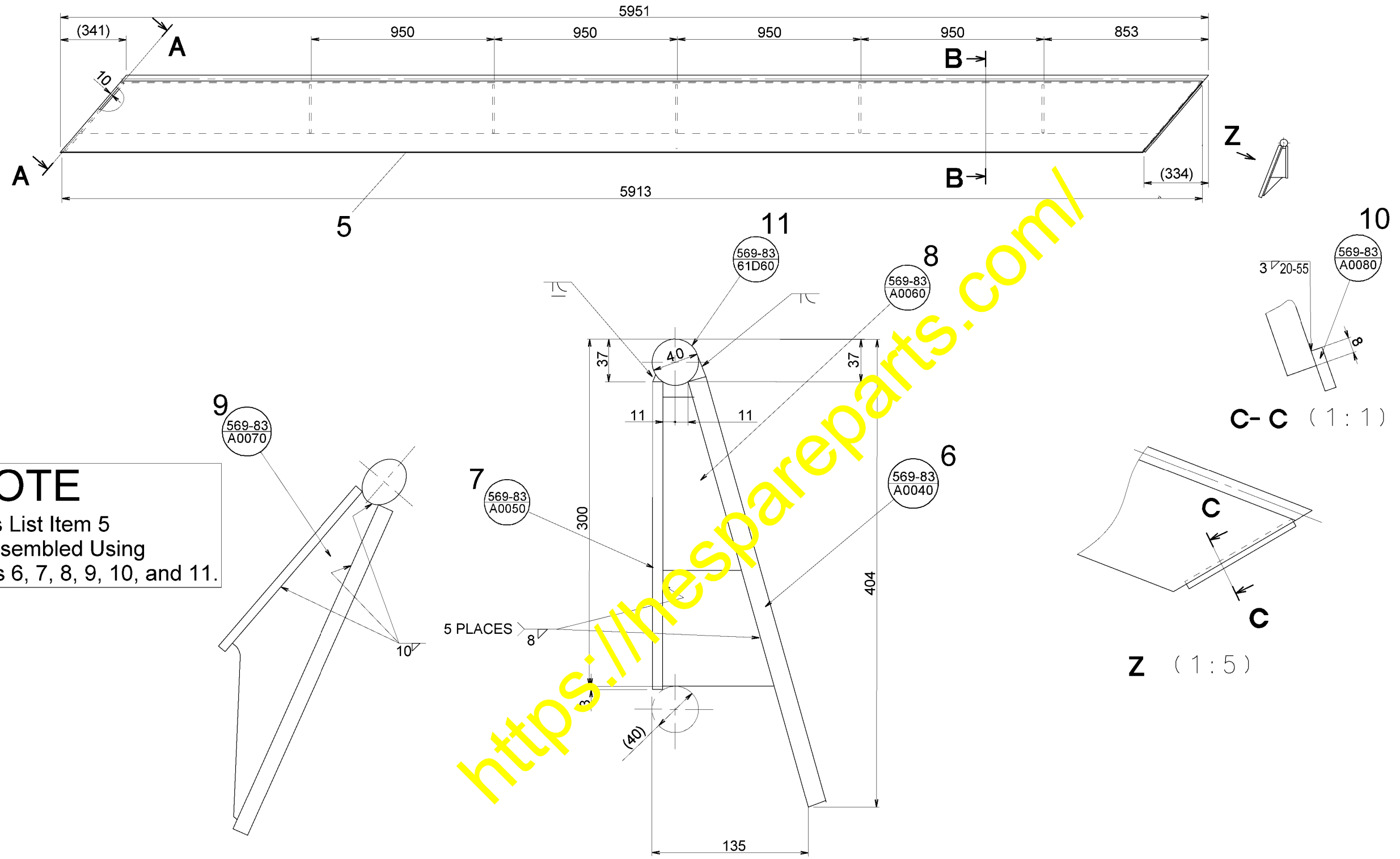
Parts List Item 2



Parts List Item 3



Parts List Item 4



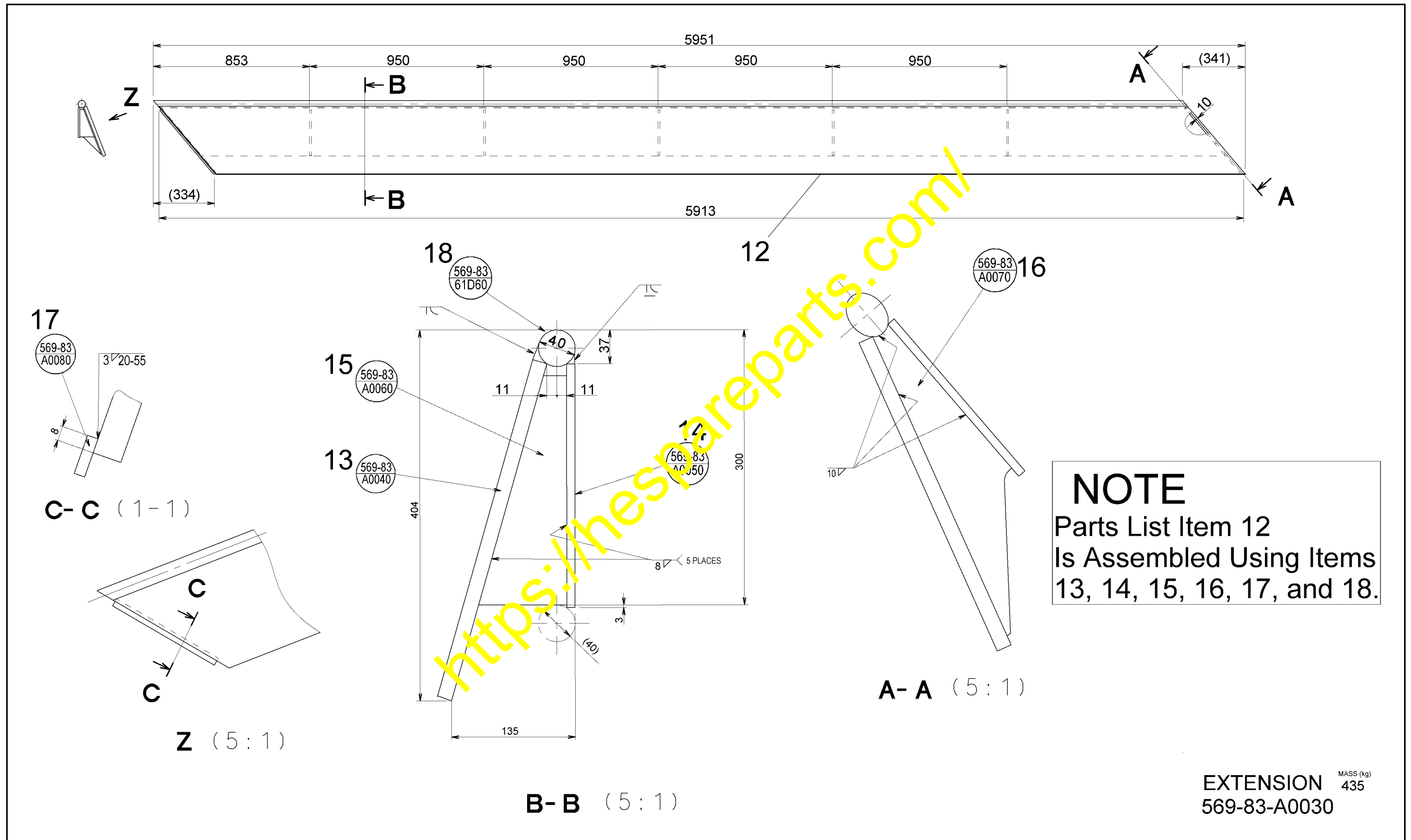
NOTE

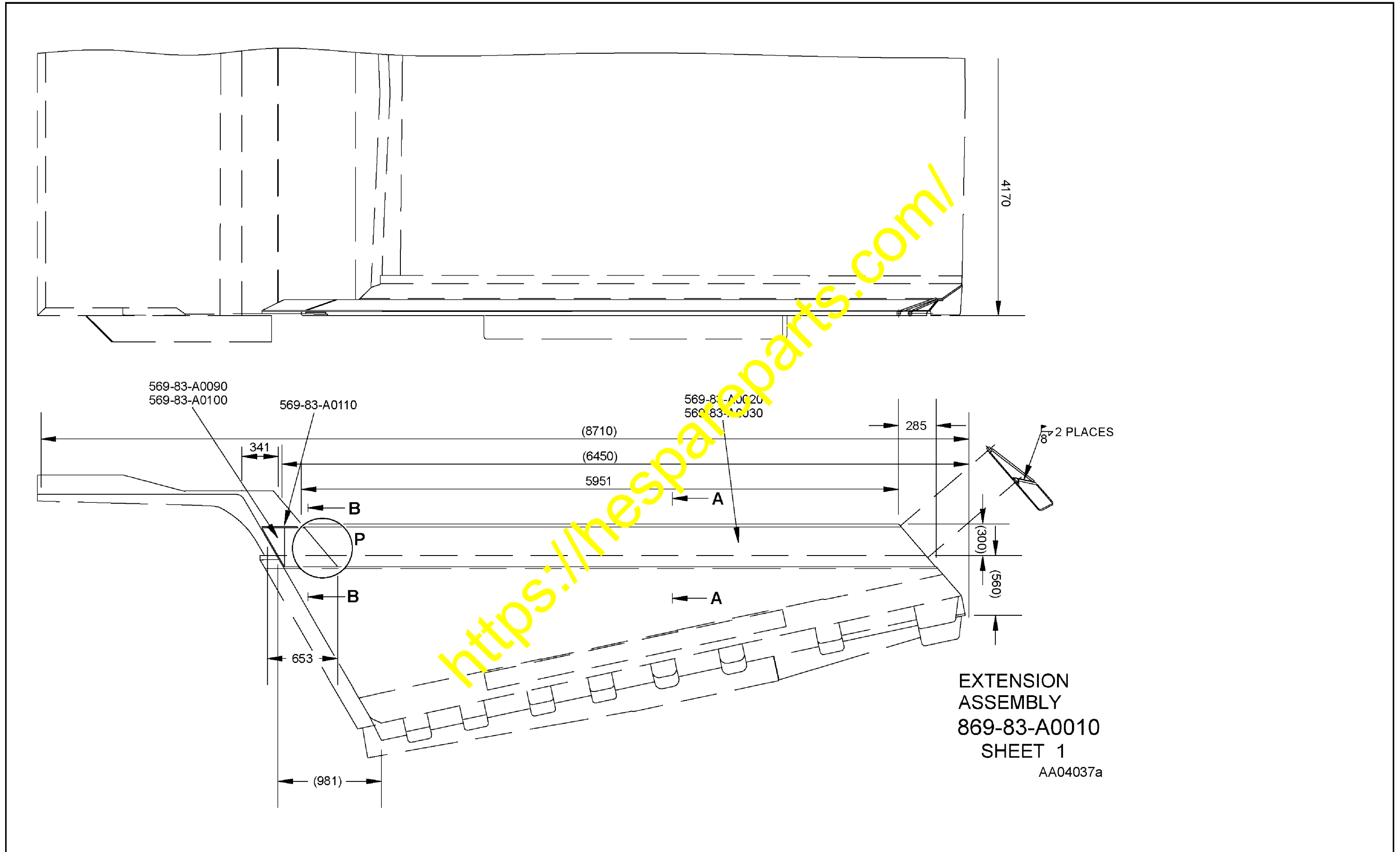
Parts List Item 5
Is Assembled Using
Items 6, 7, 8, 9, 10, and 11.

A- A (1 : 2)

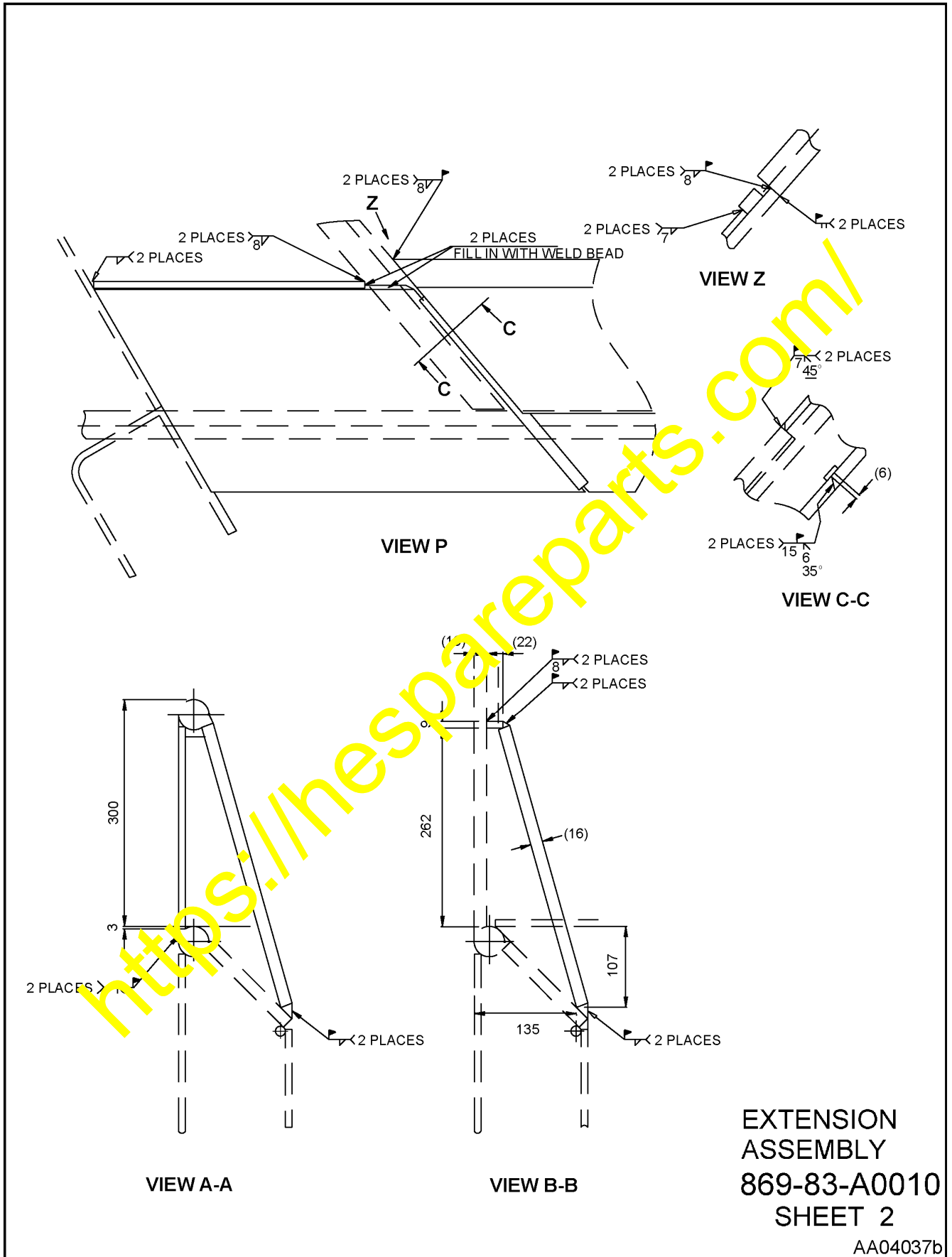
B- B (1 : 2)

EXTENSION MASS (kg)
569-83-A0020 435





EXTENSION
ASSEMBLY
869-83-A0010
SHEET 1
AA04037a



EXTENSION
 ASSEMBLY
 869-83-A0010
 SHEET 2

AA04037b