



AEROSPACE STANDARD

AS5389™

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Pallet Lift Truck and Container Fork Pocket Interface

RATIONALE

AS5389 has been reaffirmed to comply with the SAE Five-Year Review policy.

FOREWORD

It is often desirable for containers and equipment to have built in fork pockets that can provide handling capability by both pallet lift trucks and forklift trucks. This AS is useful because of the large number of different pallet lift truck designs. It should be noted that the dimensions given in this AS will not work with all pallet lift trucks currently available. Container and equipment designers can use this standard to help them design a product that pallet lift trucks can handle. Buyers of pallet lift trucks can use this standard to procure trucks that will work with the containers and equipment designed using this standard.

1. SCOPE:

This SAE Aerospace Standard (AS) details the design of fork pockets on containers and equipment for use with pallet lift trucks and forklift trucks.

1.1 Purpose:

The intent of this document is to standardize a design for built in fork pockets on containers and equipment that pallet lift trucks and forklift trucks can use.

2. REFERENCES:

There are no referenced publications specified herein.

3. FORK POCKET DIMENSIONS:

Figure 1 depicts a typical container with built in fork pockets and essential dimensions. A portion, or the entire fork pocket bottom, must be open to allow the wheels of the pallet lift truck to extend down and make contact with the floor. The bottom of the fork pockets must be open a sufficient amount to allow placing containers or equipment side by side or against a wall. Figures 2 and 3 are isometric views of two equally acceptable different container designs (Figure 2 being the preferred method) with partially open fork pocket bottoms and essential dimensions. Partially open fork pockets allow for safer handling, as opposed to full open, when being handled by a forklift truck.

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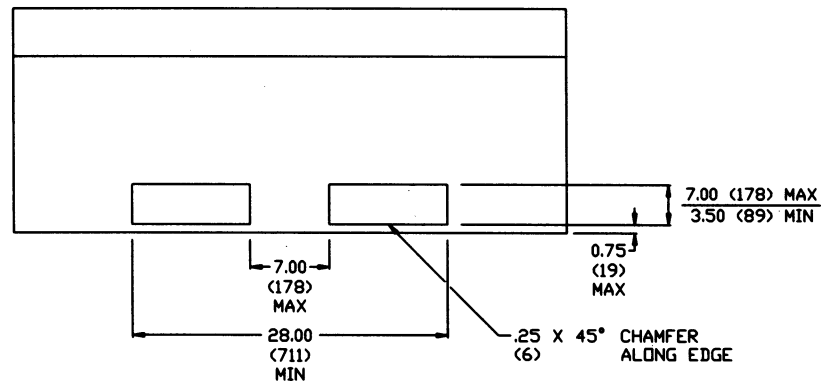
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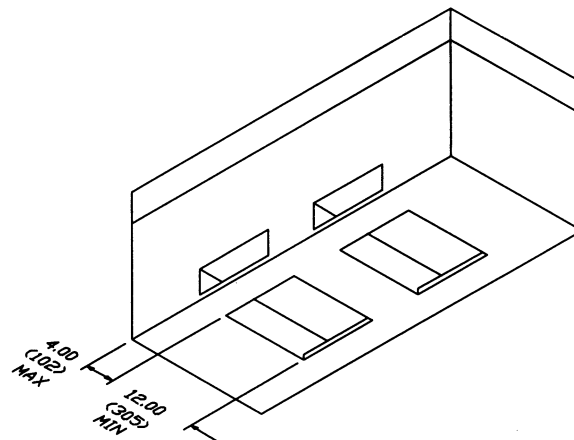
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NOTE: All dimensions are in inches, millimeters are in parenthesis.

FIGURE 1 - Typical Container



NOTE: All dimensions are in inches, millimeters are in parenthesis.

FIGURE 2 - Partially Open Fork Pockets