ANSI/ASABE S638 MAY2019
Pintle Hitch and Ring for Over the Road Towed Implements

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Keywords: Bulk, Carrier, Hitch, Implement, Pintle

1 Purpose and Scope

This standard establishes requirements for a pintle hitching system suitable for use with over the road towed implements as defined by ANSI/ASAE S390 (ISO 12934:2013). PTO driven implements are out of scope of this standard.

2 Normative References

The following referenced documents are indispensable to the application of this document. For dated references, only the edition cited applies unless noted. For undated references, the latest approved edition of the referenced document (including any amendments) applies.

ANSI/ASAE S338, Field Equipment for Agriculture — Safety Chain for Towed Equipment

ANSI/ASAE S390 (ISO 12934:2013), Tractors and Machinery for Agriculture and Forestry — Basic Types — Vocabulary

ANSI/ASABE S625, Drawbar Pin Dimensions and Requirements for Towing Machine with Clevis


ASABE/ISO 21244:2008, Agricultural equipment — Mechanical connections between towed and towing vehicles — Implement hitch rings and attachment to tractor drawbars

3 Terms and Definitions

3.1 agricultural field equipment: agricultural tractors, self-propelled machines, implements, and combinations thereof designed primarily for agricultural field operations

3.2 angle of pitch: rotation around a horizontal axis passing through the coupling point and perpendicular to the longitudinal plane of symmetry of the vehicle