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### Diesel Fuel Injector Assembly Type 28 (9.5 mm)

This document references ISO 2698.

1. **Scope**—This document specifies the dimensional requirements necessary for the mounting and interchangeability of a type of fuel injector used in diesel engines.
  - 1.1 **Field of Application**—This document applies to a clamp-mounted fuel injector of an integral nozzle and nozzle holder design with a 9.5 mm (nominal) holder shank diameter and a 5.5 mm (nominal) nozzle body tip diameter and deals with the interface between the injector and the engine. The internal construction of the injector remains optional with the manufacturer.
2. **Reference**
  - 2.1 **Related Publication**—The following publication is provided for information purposes only and is not a required part of this document.
    - 2.1.1 ISO PUBLICATION—Available from ANSI, 25 West 43rd Street, New York, NY 10036-8002.
 

ISO 2698—Diesel engines—Clamp-mounted fuel injectors, types 7 and 28
3. **Description**—Figure 1 illustrates interface dimensions and length “L” shank length plus the tip protrusion dimension from the holder. The location and dimensions of the fuel inlet, leak-off connections, and clamp design are not defined since they vary according to the particular application.

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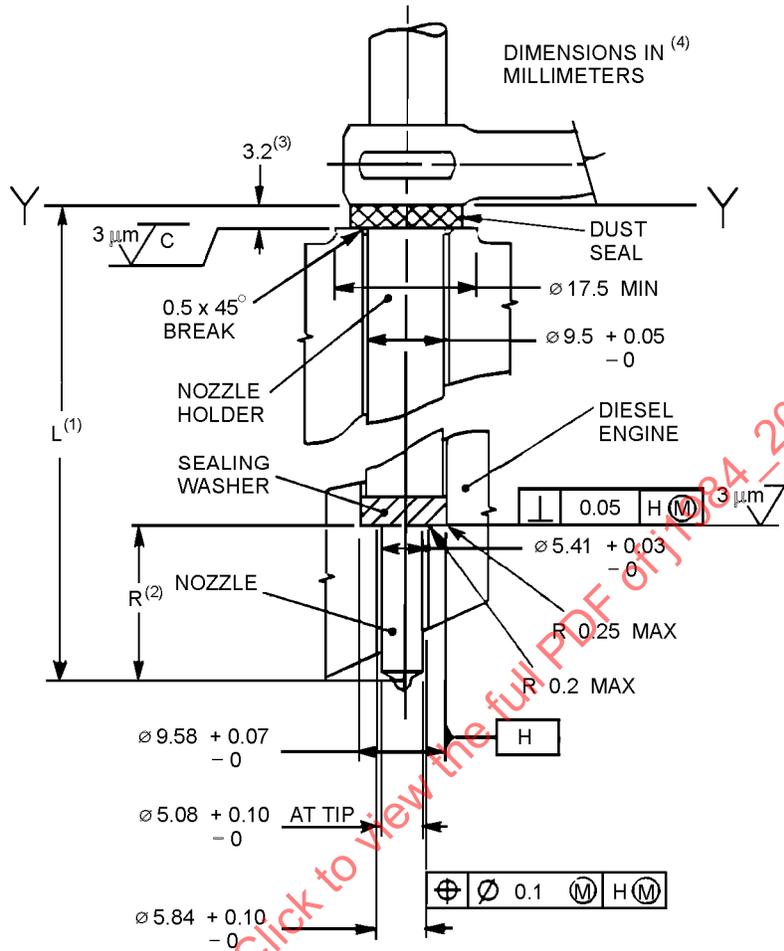
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- <sup>1</sup> This dimension determines the distance between the reference plane (Y-Y) and the point of intersection of the nozzle orifices with the fuel injector axis.
- <sup>2</sup> This dimension determines the distance between the compressed sealing washer and the point of intersection of the nozzle orifices with the fuel injector axis and varies with nozzle sac design.
- <sup>3</sup> With commercial tolerances
- <sup>4</sup> Dimensions are conversions from existing English Units.

FIGURE 1—DIMENSIONS AND TOLERANCES