



SURFACE VEHICLE STANDARD

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Type "F" Clamps for Plumbing Applications

RATIONALE

The technical report covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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1. SCOPE

This SAE Standard covers complete dimensional and general specifications for worm drive hose clamps for general use in the plumbing industry.

1.1 Purpose

To establish minimum functional guidelines for worm drive hose clamps intended for use in Plumbing application, herein referred to as Type "F" clamps.

2. REFERENCES

There are no referenced publications specified herein.

3. GENERAL DESCRIPTION

Worm drive hose clamps with tangentially mounted buttress-like threaded screws, enclosed in a housing which is securely fastened to the band, which, in turn, is engaged with the screw. When the screw is rotated in a clockwise direction, the clamp becomes smaller and conversely a counterclockwise motion of the screw will eventually open the clamp.

4. GENERAL DIMENSIONS

The following specifications tables and illustrations apply to Type "F" worm drive hose clamps.

4.1 Shipping Diameter

Type "F" worm drive clamps will be supplied in an "A" Diameter, full open, still engaged. See Table 1.