

Submitted for recognition as an American National Standard

(R) MOUNTING FLANGES FOR ENGINE ACCESSORY DRIVES

Foreword—This Revised Document has also been changed to reflect the new SAE Technical Standards Board Format.

- Scope**—This SAE Recommended Practice shows mounting flange dimensions for engine accessory drives such as pulleys, extended shaft flanges, and coupling halves.

TABLE 1—MOUNTING FLANGE DIMENSIONS⁽¹⁾—mm (in)

Type	Mounting Holes Equally Spaced No.	Mounting Holes Equally Spaced Size	A Bolt Circle Dia	B Pilot Dia ⁽²⁾	C Clearance Dia ⁽³⁾ , Min
I	6	3/8-16	69.85 (2.750)	47.625 (1.875)	38 (1.5)
II	6	3/8-16	88.90 (3.500)	66.675 (2.625)	57 (2.2)
III	6	3/8-16	114.30 (4.500)	92.075 (3.625)	83 (3.3)
IV	6	1/2-13	152.40 (6.000)	123.825 (4.875)	114 (4.5)
V	6	1/2-13	203.20 (8.000)	174.625 (6.875)	165 (6.5)

- Tapped holes shall be threaded in accordance with UNC Class 2B tolerances of ANSI B1.1 screw threads, and the minimum length of thread engagement shall be 1.5 times the nominal diameter.
- Pilot diameter tolerance, male +0.000, -0.05 (0.002); female +0.05 (0.002), -0.000.
- Clearance must be maintained for engine hub (shaft) extension.

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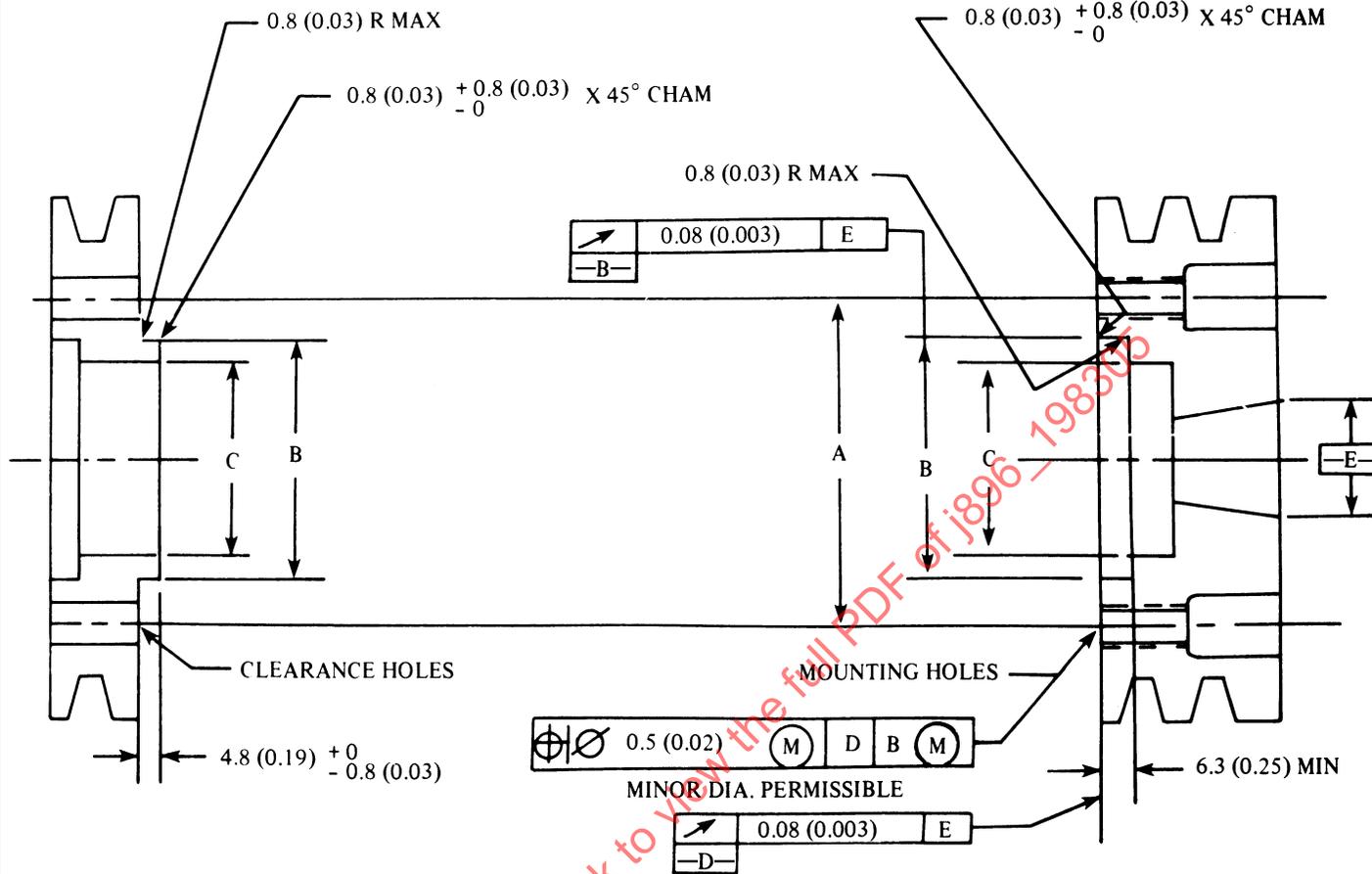


FIGURE 1—

2. References

2.1 Applicable Publications—The following publication forms a part of this specification to the extent specified herein.

2.1.1 ANSI PUBLICATION—Available from ANSI, 11 West 42nd Street, New York, NY 10036-8002.

ANSI B1.1

3. Notes

3.1 Marginal Indicia—The change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. An (R) symbol to the left of the document title indicates a complete revision of the report.

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