



3.2.2 Table 2 lists recommended pilot and bolt circle diameters (refer also to Figure 1).

3.2.3 Fan mounting patterns for clutches may depart from the common configuration of a circular pilot with outboard mounting bolt holes in order to achieve desired clutch-fan synergy; such features are not covered by this document.

### 3.3 Tolerances

The following guidelines should be considered in determining tolerance specifications for part drawings of the fan and hub as shown in Figure 1.

3.3.1 The bolt circle should be concentric to the pilot.

3.3.2 Positioning of the bolt circle holes should guarantee a match-up between the fan and hub holes.

3.3.3 Fan pilots are typically punched, not machined, and therefore may not be perfectly round. This often necessitates the use of a go-no/go gauge to predict proper fitting on a hub pilot rather than ordinary diameter-measuring techniques. It is recommended that the term "effective fan pilot diameter" be used in place of a simple diameter specification.

## 4. NOTES

### 4.1 Marginal Indicia

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PREPARED BY THE SAE COOLING SYSTEMS STANDARDS COMMITTEE

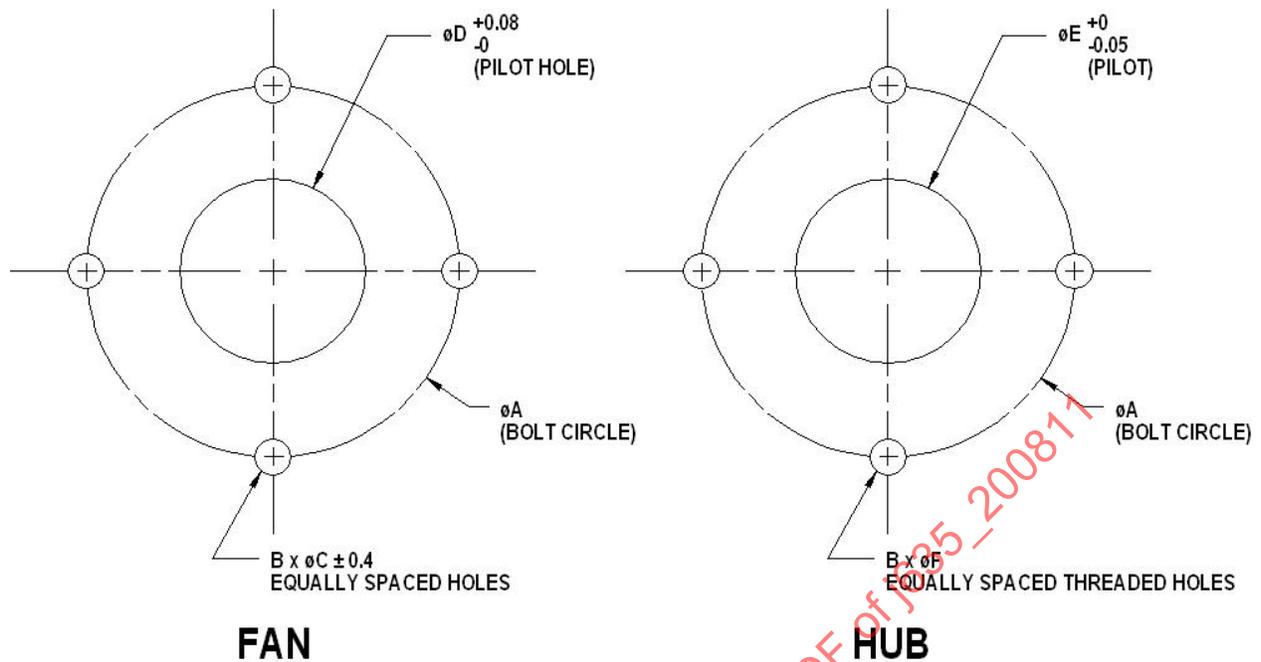


FIGURE 1 - FIXED DRIVE MOUNTING PATTERNS

TABLE 1 - FIXED DRIVE MOUNTING PATTERNS (mm)

Fan Diameter	A Bolt Circle Diameter	B Number Bolts	C Bolt Hole Diameter	D Fan Pilot Hole Dia	E Hub Pilot Diameter	F Bolt Diameter
Thru 600	50	4	8.75	25	24.95	8
	75	4	8.75	25	24.95	8
	100	6	11.00	25	24.95	10
Over 600 Thru 1000	75	4	8.75	50	49.95	8
	100	6	11.00	50	49.95	10
	125	6	11.00	50	49.95	10
	150	6	13.00	50	49.95	12
Over 1000 Thru 1600	100	6	11.00	75	74.95	10
	125	6	11.00	75	74.95	10
	150	6	13.00	75	74.95	12
	200	8	13.00	75	74.95	12
Over 1600 Thru 2000	125	6	11.00	100	99.95	10
	150	6	13.00	100	99.95	12
	200	8	13.00	100	99.95	12
	250	8	13.00	100	99.95	12