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Cooperative Engineering Program

**SAE J1172 OCT88**

**Engine Flywheel  
Housings with Sealed  
Flanges**

**SAE Recommended Practice**  
Reaffirmed October 1988

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# HIGHWAY VEHICLE PRACTICE

SAE J1172

Issued May 1977  
Reaffirmed Oct. 1988

Reaffirming J1172 MAY77

Submitted for recognition as an American National Standard

## ENGINE FLYWHEEL HOUSINGS WITH SEALED FLANGES

### 1. SCOPE:

This SAE Recommended Practice defines flywheel housing flange configurations for applications requiring "O" ring sealing of the flange pilot bore.

Table 1 and Fig. 1 show dimensions that are different from those in SAE J617. All other dimensions and tolerances of SAE J617 apply.

TABLE 1 - Flywheel Housing Flange Dimensions - mm (in)

SAE No.	F Min. Pilot Bore Depth	G Min. Radial Clearance for Mating Flange Pilot	H Chamfer $\pm 0.5$ (0.02)
00	19.0 (0.75)	14.0 (0.55)	3.0 (0.12)
0	19.0 (0.75)	14.0 (0.55)	3.0 (0.12)
1/2	19.0 (0.75)	14.0 (0.55)	3.0 (0.12)
1	16.0 (0.63)	13.0 (0.51)	2.5 (0.10)
2	16.0 (0.63)	13.0 (0.51)	2.5 (0.10)
3	16.0 (0.63)	13.0 (0.51)	2.5 (0.10)
4	14.0 (0.55)	11.0 (0.43)	2.0 (0.08)
5	14.0 (0.55)	11.0 (0.43)	2.0 (0.08)
6	14.0 (0.55)	11.0 (0.43)	2.0 (0.08)

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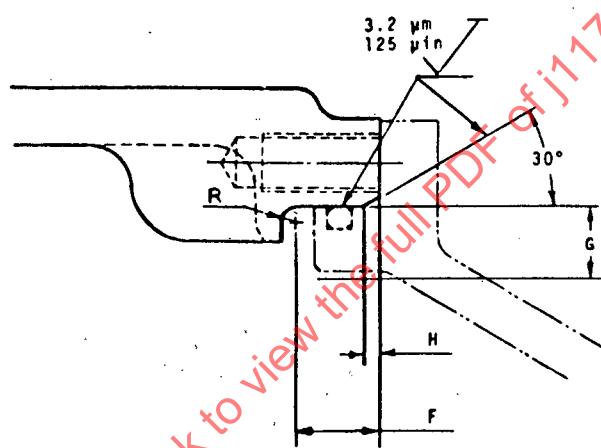


FIGURE 1

RATIONALE:

Not applicable.

RELATIONSHIP OF SAE STANDARD TO ISO STANDARD:

Not applicable.

APPLICATION:

This SAE Recommended Practice defines flywheel housing flange configurations for applications requiring "O" ring sealing of the flange pilot bore. Table 1 and Fig. 1 show dimensions that are different from those in SAE J617, all other dimensions and tolerances of SAE J617 apply.

REFERENCE SECTION:

SAE J617 JUN76, Engine Flywheel Housings

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