

Housing Internal Dimensions for Single and Two Plate Spring Loaded Clutches—SAE J373a

SAE Recommended Practice
Completely Revised September 1978

THIS IS A PREPRINT WHICH IS
SUBJECT TO REVISIONS AND
CORRECTIONS. THE FINAL
VERSION WILL APPEAR IN THE
1980 EDITION OF THE SAE
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400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096



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φ HOUSING INTERNAL DIMENSIONS FOR
SINGLE AND TWO PLATE SPRING LOADED
CLUTCHES—SAE J373a

SAE Recommended Practice

Report of Engine Committee approved November 1968 and completely revised September 1978.

Scope—This SAE Recommended Practice defines the minimum internal dimensions for clutch housings to provide adequate clearance for single and two plate spring loaded clutches.

Consult SAE J617c (June, 1976) for housing flange dimensions. Consult

SAE J618d (May, 1974) and J619d (May, 1974) for spring loaded clutch flywheel dimensions *E* and *G* and other dimensional data.

Table 1 provides housing minimum internal dimensions for single and two flange spring loaded clutches.

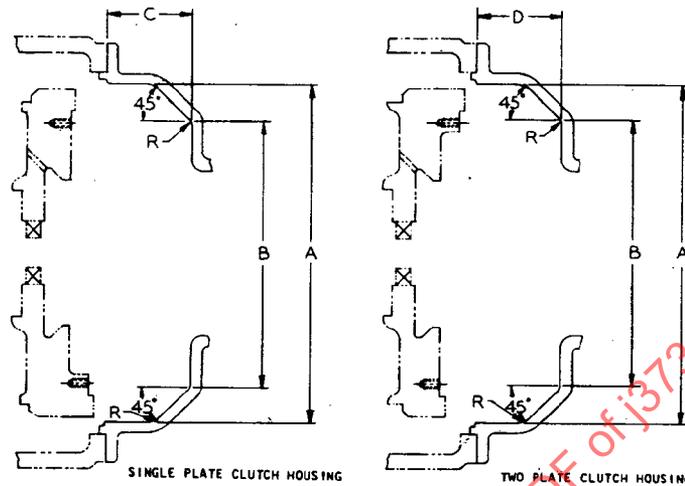


TABLE 1—HOUSING MINIMUM INTERNAL DIMENSIONS, mm (in)

Clutch Number	SAE Flywheel Housing Number ^a	A	B	C	D	R
6	6	235.0 (9.25)	190.5 (7.50)	22.4 (0.88)	41.1 (1.62)	12.7 (0.50)
7	6	235.0 (9.25)	190.5 (7.50)	22.4 (0.88)	41.1 (1.62)	12.7 (0.50)
8	5	241.3 (9.50)	206.2 (8.12)	35.1 (1.38)	53.8 (2.12)	12.7 (0.50)
9	5	279.4 (11.00)	241.3 (9.50)	38.1 (1.50)	62.0 (2.44)	12.7 (0.50)
10	4	292.1 (11.50)	254.0 (10.00)	15.7 (0.62)	42.9 (1.69)	12.7 (0.50)
11	4	317.5 (12.50)	266.7 (10.50)	30.2 (1.19)	49.3 (1.94)	12.7 (0.50)
12	3	342.9 (13.50)	292.1 (11.50)	31.8 (1.25)	55.6 (2.19)	25.4 (1.00)
13	3	374.6 (14.75)	311.2 (12.25)	36.6 (1.44)	58.7 (2.31)	25.4 (1.00)
14	2	381.0 (15.00)	323.8 (12.75)	39.6 (1.56)	68.3 (2.69)	25.4 (1.00)
15	1	425.4 (16.75)	349.2 (13.75)	41.1 (1.62)	68.3 (2.69)	25.4 (1.00)
16	1	469.9 (18.50)	387.4 (15.25)	60.5 (2.38)	95.2 (3.75)	50.8 (2.00)
17	1/2	520.7 (20.50)	419.1 (16.50)	60.5 (2.38)	95.2 (3.75)	50.8 (2.00)

^aColumn shows minimum SAE Flywheel Housing Size adaptable to clutch.

The φ symbol is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. If the symbol is next to the report title, it indicates a complete revision of the report.