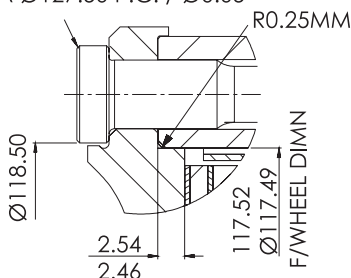


METALLIC RACE CLUTCH - Mounting Information

MOUNTING

The drawings below, provide detailed information for all flywheel spigots / mounting for every size of race clutch in the publication. AP Racing recommend that all their race clutches are mounted to the flywheel by using either CP4703 / CP4702 studs. Mounting hole, P.C.D., and tightening torque details are given for all drawings below.

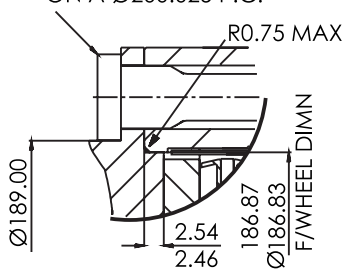
MOUNTING HOLES.
10 HOLES Ø6.50/6.40 EQUI-SPACED
ON A Ø127.50 P.C. / Ø0.05



Recommended Stud & Nut Tightening
Torque = 10Nm (7.5lb/ft)

Ø115mm Stepped Flywheel

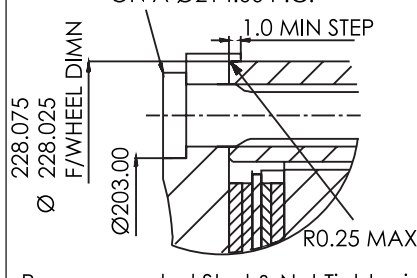
MOUNTING HOLES. 6 / 12 HOLES
Ø8.020/8.005 EQUI-SPACED
ON A Ø200.025 P.C.



Recommended Stud & Nut Tightening
Torque = 22Nm (16lb/ft)

Ø184mm Stepped Flywheel

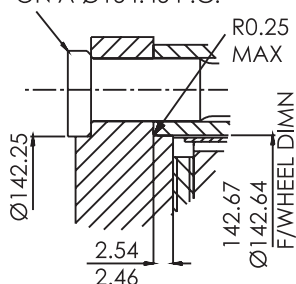
MOUNTING HOLES. 6 HOLES
Ø8.020/8.005 EQUI-SPACED
ON A Ø214.00 P.C.



Recommended Stud & Nut Tightening
Torque = 22Nm (16lb/ft)

Ø200mm Flat Flywheel

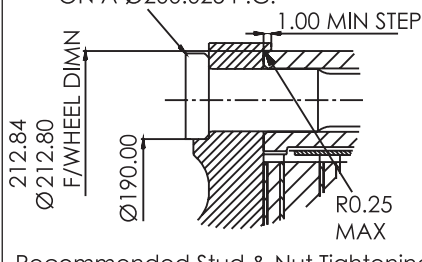
MOUNTING HOLES. 8 HOLES
Ø8.020/8.005 EQUI-SPACED
ON A Ø154.45 P.C.



Recommended Stud & Nut Tightening
Torque = 22Nm (16lb/ft)

Ø140mm Stepped Flywheel

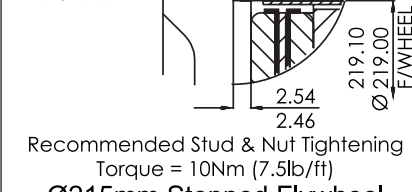
MOUNTING HOLES. 6 HOLES
Ø8.020/8.005 EQUI-SPACED
ON A Ø200.025 P.C.



Recommended Stud & Nut Tightening
Torque = 22Nm (16lb/ft)

Ø184mm Flat Flywheel

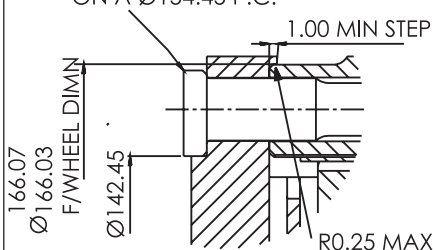
MOUNTING HOLES. 6 OFF HOLES
EQUI-SPACED
ON A Ø232.00 P.C. Ø0.05



Recommended Stud & Nut Tightening
Torque = 10Nm (7.5lb/ft)

**Ø215mm Stepped Flywheel
with Stud Fixing**

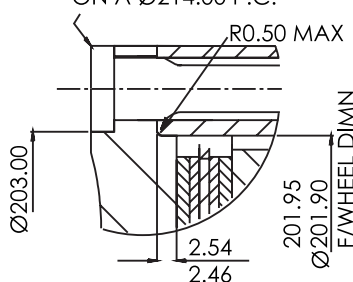
MOUNTING HOLES. 8 HOLES
Ø8.020/8.005 EQUI-SPACED
ON A Ø154.45 P.C.



Recommended Stud & Nut Tightening
Torque = 22Nm (16lb/ft)

Ø140mm Flat Flywheel

MOUNTING HOLES. 6 HOLES
Ø8.020/8.005 EQUI-SPACED
ON A Ø214.00 P.C.

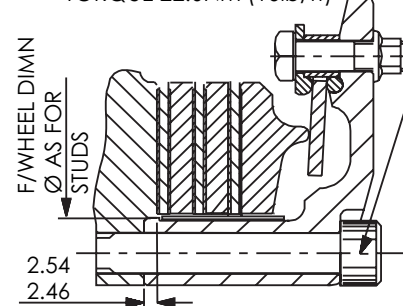


Recommended Stud & Nut Tightening
Torque = 22Nm (16lb/ft)

Ø200mm Stepped Flywheel

6 / 8 MOUNTING HOLES. EQUI-SPACED
ON A P.C.D AS FOR STUDS THREAD
M8 OR 5/16UNF

NB C' BORED THR'DTIGHTENING
TORQUE 22.0Nm (16lb/ft)



**ALTERNATIVE FIXING USING BOLT
FOR 140MM - 215MM
STEPPED FLYWHEEL**

FIXING / MOUNTING STUDS.

The recommended method of mounting the clutch to the flywheel is with a mounting stud and K-Lock nut.

The recommended tightening torque is 22Nm (16lb/ft) for M8 & 5/16" UNF. AP Racing offer a range, of studs for mounting clutches to flywheels, (see page 120). These high quality steel mounting studs are available in either M6, M8, 1/4" & 5/16" UNF to suit clutches of Ø115mm, and above.

All studs have rolled threads for improved fatigue resistance. The stud design incorporates offset head flats for location, necked down shanks and precision ground location diameters.

All kits come complete with relevant K-lock nuts. See above for flywheel mounting details.



FLYWHEELS.

A purpose machined flywheel is required. The friction face should be a good quality close grained cast iron or steel (0.35 / 0.45 % carbon, hardness 200Hb minimum), with a surface finish of 75µm RA (30 CLA) maximum. Run out when assembled to the crankshaft must not exceed 0.08mm (0.003") maximum at 76mm (3.0") radius. Fixing holes and location spigot to be machined as shown above.

N.B. Cast Iron flywheels should not be used above 10000rpm.