



# CO2 DRAGSTERS SPECIFICATIONS



RACQ TECHNOLOGY CHALLENGE MARYBOROUGH –  
CO2 DRAGSTERS SPECIFICATIONS

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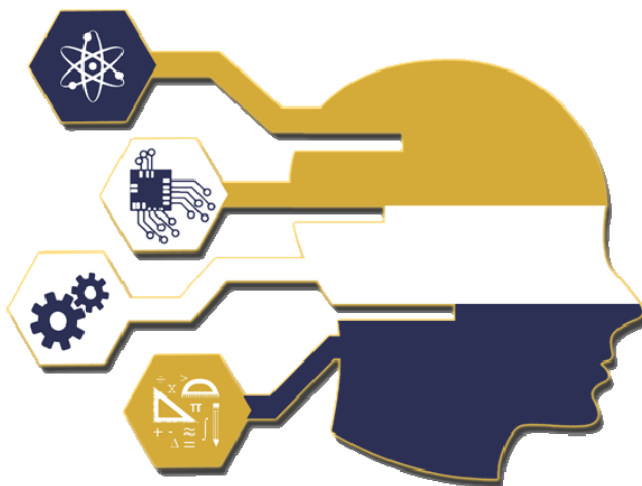
Specifications F to I

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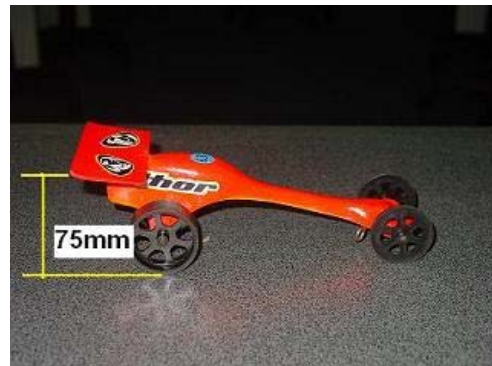


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**DRAGSTER BODY – SPECIFICATION A to E**



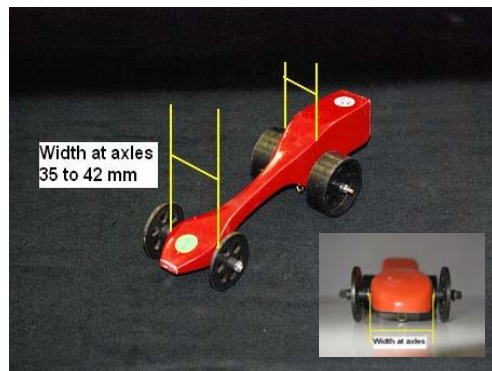
**(A) Dragster Body Length**



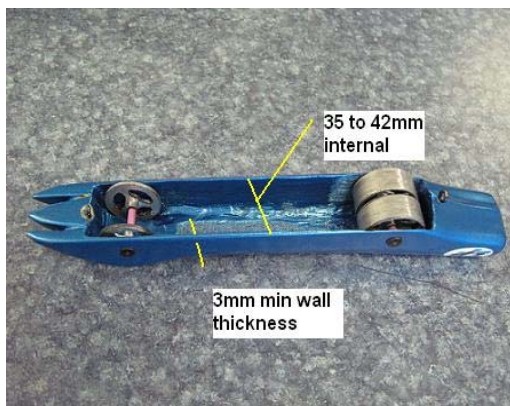
**(B) Dragster Body Height at rear  
with wheels**



**(C) Dragster body mass /weight  
with wheels  
No Co2 cartridge**



**(Dr) Dragster Body width at axles  
(Rail cars)**



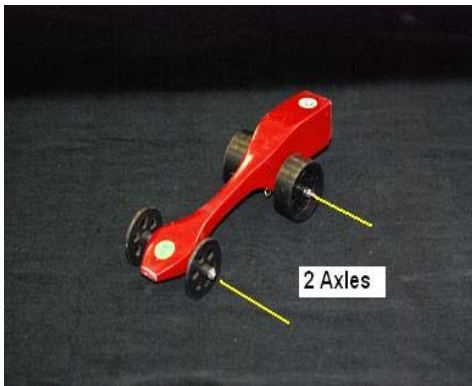
**(Ds) Dragster Body width at axles  
(Shell cars)**



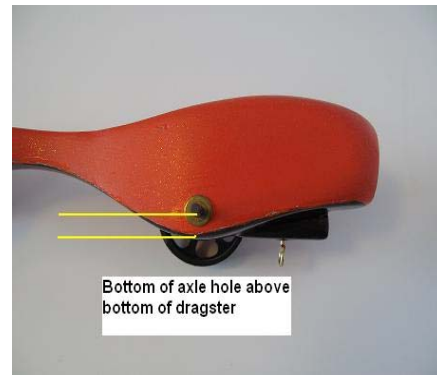
**(E) Dragster Body Width (including  
wheels)**

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**DRAGSTER AXLES / AXLE HOLES / WHEELBASE – SPECIFICATION F to I**



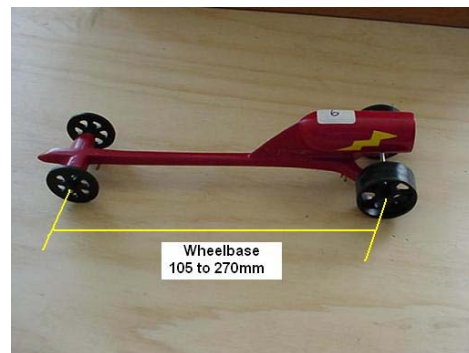
**(F) Number of axles**



**(G) Bottom of axle hole above bottom of dragster**



**(H) Rear axle from above rear of dragster**



**(I) Wheelbase**

**Dragster Spacers / washers / Clips  
Specification J and K**



**(J) Spacer Washers**



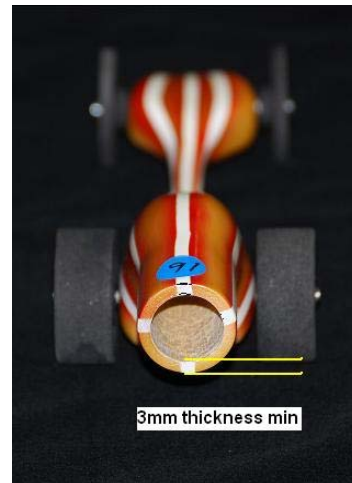
**(K) Axle Clips or Similar**

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**DRAGSTER POWER PLANT (CO2 CARTRIDGE HOLE) – SPECIFICATION L to O**



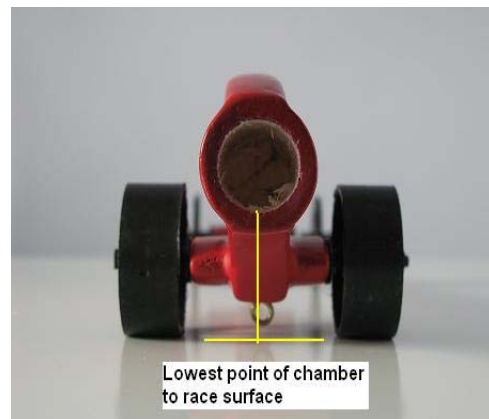
**(L) Power plant Depth of Hole**



**(M) Power Plant housing thickness  
3 mm around entire housing  
(Must not be broken)**



**(N) Power plant housing (diameter)  
Please a 19.5 mm or 3/4\" drill**

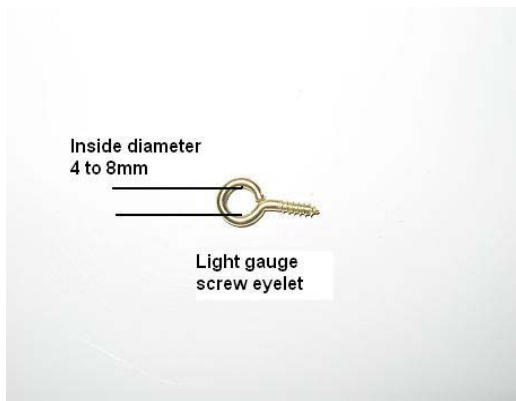


**(O) Power plant lowest point of  
chamber to race surface  
with wheels**

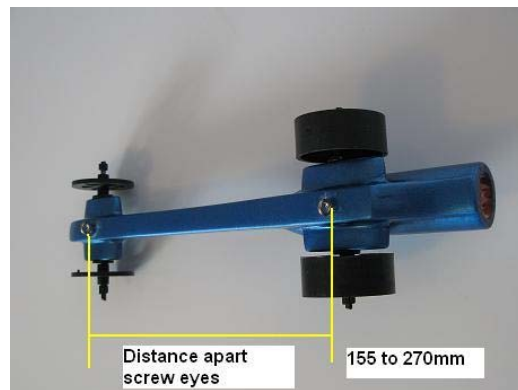


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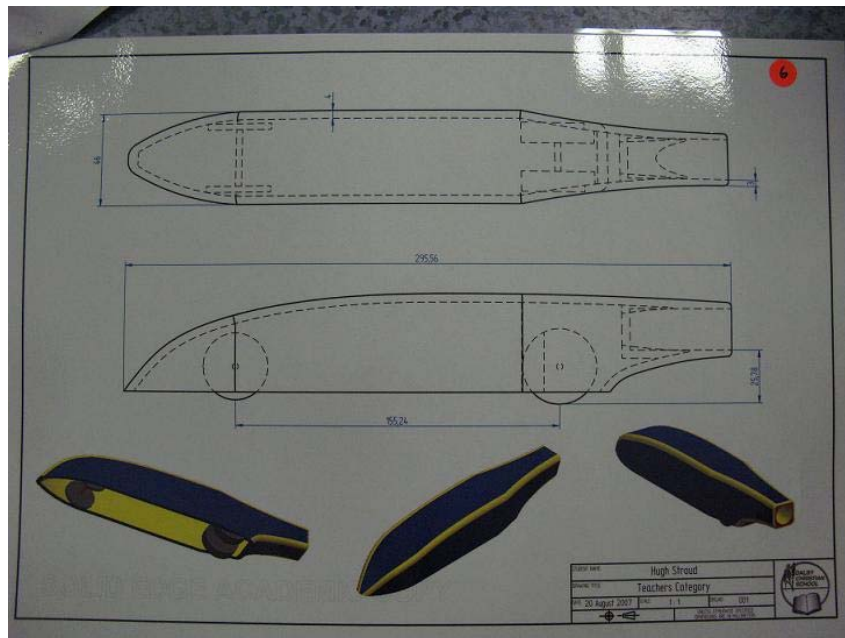
**DRAGSTER SCREW EYES – SPECIFICATION P to Q**



**(P) Screw eye or eyelets inside diameter**



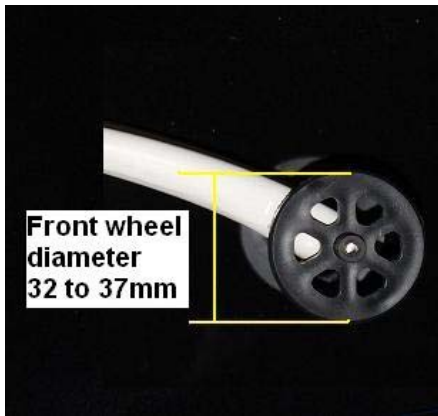
**(Q) Screw eyes (2) distance apart at farthest point**



**Sample drawing**

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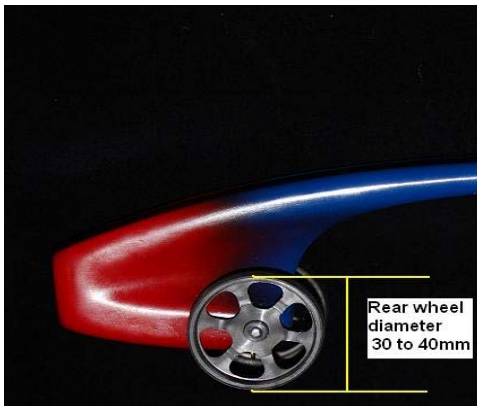
DRAGSTER WHEELS – SPECIFICATION R TO U



(R) Wheels: Front Diameter



(S) Wheels: Front width at  
surface contact point



(T) Wheels: Rear Diameter



(U) Wheels: Rear width at  
surface contact point

