

Marvel Schebler Carbureter Thread Sizes (Verified for TSX33 thru TSX241C)

Throttle Body:

(2) Mounting Flange Stud Holes...5/16-18UNC, Tap Drill = F, Tap = #2521A622
Idle Speed Adjustment...#8-32UNC, Tap Drill = #29, Tap = #2522A738
Throttle Plate Screws...#4-36UNS, Tap Drill = #44, Tap = #2523A483 (Note 1)
Idle Mixture Screw...#10-32UNF, Tap Drill = #21, Tap = #2522A819
Main Fuel Inlet...1/8-27NPT, Tap Drill = Q, Tap = #2553A12
Main Adjustment Screw...1/4-40UNS, Tap Drill = #1, Tap = #2595A163 w/Bottoming Chamfer
Main Adjustment Screw Friction Spring Mounting Holes (Early TSX33's)...#4-36UNS, Tap Drill = #44, Tap = #2523A483 (Note 1)
Float Valve Body...3/8-27UNS, Tap Drill = R, Tap = #2595A247 w/Bottoming Chamfer
Idle Jet...#10-32UNF, Tap Drill = #21, Tap = #2522A819
Economy Jet...#8-32UNC, Tap Drill = #29, Tap = #2522A738

Float Body:

(4) Bowl Screw Holes...#12-24UNC, Tap Drill = #16, Tap = #2522A741
Main Jet...#8-32UNC, Tap Drill = #29, Tap = #2522A738
Main Nozzle...1/4-28UNF, Tap Drill = #3, Tap = #2521A721
Bowl Drain Plug...1/8-27NPT, Tap Drill = Q, Tap = #2553A12
Bowl Small Brass Plug...#8-32UNC, Tap Drill = #29, Tap = #2522A738

Notes:

- 1...Be careful, some are #4-40UNC, Tap Drill = #43, Tap = #2522A665
- 2...Part numbers shown are from McMaster Carr at: www.mcmaster.com
- 3...All taps listed above are of the "Plug", "Bottoming" or "Short Projection" design. I do not use the "Standard" design, because nearly all the holes are shallow and blind, and a standard tap won't clean them out! An alternative is to buy standard taps (may be cheaper!) and put a short lead grind on them yourself.

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