

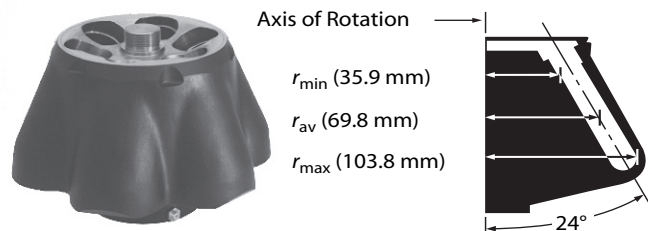


Type 45 Ti

6 x 94 mL

Type 45 Ti

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Fixed-Angle Rotor, Titanium

For use in instruments classified: **H R S**

Note: This rotor cannot be used in 40 000 rpm F or H instruments or the L5-50E unless the instruments have been upgraded with a diffusion pump and vacuum indicator.

Major applications: Differential centrifugation of large volumes of subcellular fractions and viruses.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
45 000	235 000	133	6 x 94 mL 1½ x 4 in 38 x 102 mm	564 mL

No. 339160. Type 45 Ti Rotor Assembly with 3 each 854519 O-rings, 3 each 878260 O-rings, and 2 each 335458 Overspeed Disks.

No. 348175. Quick-Seal® Tube Kit with 4 boxes 345776 Polyallomer Tubes, 4 boxes 345778 Ultra-Clear™ Tubes, 8 each 342697 Spacers, 306812 Spinkote™ Lubricant, and 335148 Vacuum Grease. (Cordless Tube Topper Kit and Tube Rack required; see Tools, Accessories, and Supplies.)

No. 348176. Open-Top Tube Kit with 4 boxes 345775 Polyallomer Tubes, 4 boxes 345777 Ultra-Clear Tubes, and 8 each 330901 Tube Caps, and 1 each 306812 Spinkote Lubricant and 335148 Vacuum Grease. (331202 and 305075 Tools required; see Tools, Accessories, and Supplies.)

Tubes and Bottles

Tube Style/Material	Vol. (mL)	Part No.	Quantity	Size (mm)	Required Caps/Spacers (qty. 1)	Required Adapters (qty. 1)	g-Force	k Factor	Max. Speed
Quick-Seal Polyallomer	94.0	345776	25	38 x 102	342697	—	235 000	133	45 000
Quick-Seal Ultra-Clear	94.0	345778	25	38 x 102	342697	—	235 000	133	45 000
Polycarbonate Bottle/Assembly	70.0	355655**	6	38 x 102	—	—	235 000	133	45 000†
	70.0	355622*	6	38 x 102	—	—	235 000	133	45 000†
Thinwall Polyallomer	6.5	326820	50	13 x 64	346256	303449	138 000	90	39 000
	10.5	326822	50	13 x 89	346256	303459	156 000	110	39 000
	13.5	326814	50	16 x 76	330860	303448	149 000	107	39 000
	94.0	345775	25	38 x 102	330901	—	235 000	133	45 000
Thickwall Polyallomer	4.0	355644	25	13 x 64	—	303449	138 000	90	39 000
	10.0	355640	25	16 x 76	338907†	303448	149 000	107	39 000
	10.0	355639	25	13 x 89	—	303459	156 000	110	39 000
	81.0	355643	25	38 x 102	338905†	—	235 000	133	45 000
Thickwall Polycarbonate	4.0	355645	25	13 x 64	—	303449	138 000	90	39 000
	10.0	355630	25	16 x 76	338907†	303448	149 000	107	39 000
	10.0	355629	25	13 x 89	—	303459	156 000	110	39 000
	81.0	355628	25	38 x 102	338905†	—	235 000	133	45 000
Thinwall Ultra-Clear	6.5	344088	50	13 x 64	346256	303449	138 000	90	39 000
	10.5	344087	50	13 x 89	346256	303459	156 000	110	39 000
	13.5	344085	50	16 x 76	330860	303448	149 000	107	39 000
	94.0	345777	25	38 x 102	330901	—	235 000	133	45 000

* Bottle assembly. Reduce speed to 35 000 rpm when the bottle is centrifuged less than full (minimum fill volume is 35 mL).

** Bottle only. Reduce speed to 35 000 rpm when the bottle is centrifuged less than full (minimum fill volume is 35 mL).

† Caps are optional for these Thickwall tubes. In the Type 45 Ti the filling level for 355643 and 355628 is 47 mL. For 355640 and 355630, the filling level is 8 mL. Maximum speeds for these open-top tubes without a cap: Polycarbonate — 30 000 rpm; Polyallomer — 15 000 rpm.

Rotor Replacement Parts

335458 Overspeed Disk, 45 000 rpm
339164 Rotor Handle
854519 O-ring, small, for Rotor Lid
878260 O-ring, large, for Rotor Lid
339163 Rotor Lid

Adapters/Spacers/Caps

