

## Rotor program

### Fixed-angle rotors

All products consist of aluminium (black anodised).

Vessel			Rotor			
Nominal volume	Dimensions	Description Standard Features	Vessels per rotor	Rotors per unit	Part no.  Configuration Setting angle (Reference: vertical)	
(ml)	Ø x length (mm)		(pcs.)	(pcs.)		
1.0	5 x 100 (vessel) 12.5 x 80 (cover)	round or flat bottom	72		<b>112208<sup>1)</sup></b>  adapter cover 30°	
1.5	11 – 12 x 31 – 39	round or flat bottom  basic rotor for 126305	54	1 + 2	<b>124534</b>  massive rotor 25°	
1.5	11 – 12 x 31 – 39	round or flat bottom  extension rotor for 124534	54	max. 2	<b>126305</b>  massive rotor 25°	
1.5 – 2.2	10.8 x 38	Eppendorf  basic rotor for 126300	72	1 + 2	<b>124532</b>  massive rotor 45°	
1.5 – 2.2	10.8 x 38	Eppendorf  extension rotor for 124532	72	max. 2	<b>126300</b>  massive rotor 45°	
2.5	10 x 40 – 50	basic rotor for 126307	54	1 + 2	<b>112378</b>  massive rotor 25°	

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(ml)	Ø x length (mm)		(pcs.)	(pcs.)	Configuration Setting angle (Reference: vertical)	
2,5	10 x 40 – 50	extension rotor for 112378	54	max. 2	<b>126307</b>  massive rotor 25°	
3.0 – 4.0	10 x 75 – 86	round or flat bottom	72		<b>113312<sup>6)</sup></b>  adapter cover 20°	
5.0	15 x 50	flat bottom  basic rotor for 126303	72	1 + 1	<b>124515</b>  disc rotor 30°	
5.0	15 x 50	flat bottom  extension rotor for 124515	72	max. 1	<b>126303</b>  disc rotor 30°	
5.0	16.7 x 50.3 – 65	round or flat bottom  basic rotor for 126304	36	1 + 2	<b>124517</b>  massive rotor 30°	
5.0	16.7 x 50.3 – 65	round or flat bottom  extension rotor for 124517	36	max. 2	<b>126304</b>  massive rotor 30°	
5.0	14.5 – 15.5 x 45 – 51	basic rotor for 126308	40	1 + 2	<b>124526</b>  massive rotor 30°	
5.0	14.5 – 15.5 x 45 – 51	extension rotor for 124526	40	max. 2	<b>126308</b>  massive rotor 30°	

Vessel			Rotor			
Nominal volume	Dimensions	Description Standard Features	Vessels per rotor	Rotors per unit	Part no.  Configuration Setting angle (Reference: vertical)	
(ml)	∅ x length (mm)		(pcs.)	(pcs.)		
5.0	12.5 – 13.8 x 70.4 – 86	round bottom, e.g. Sarstedt centrifuge tubes  basic rotor for 126308	72	1 + 1	<b>124527</b>  disc rotor 20°	
5.0	12.5 – 13.8 x 70.4 – 86	round bottom, e.g. Sarstedt centrifuge tubes  extension rotor for 124527	72	max. 1	<b>126311</b>  disc rotor 20°	
5.5	14.7 x 45	round or flat bottom	40	3	<b>112228<sup>2)</sup></b>  massive rotor 30°	
5.0 / 7.0	12.5 x 75 – 85		72	1	<b>124522</b>  disc rotor 30°	
5.0 / 9.0	12 – 13 x 100 – 120	round bottom  basic rotor for 126306	72	1 + 1	<b>124524</b>  disc rotor 30°	
5.0 / 9.0	12 – 13 x 100 – 120	round bottom  extension rotor for 124524	72	max. 1	<b>126306</b>  disc rotor 30°	
8.0 / 10.0	12 – 13 x 100 - 120		54	1	<b>124523</b>  disc rotor 25°	

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Nominal volume	Dimensions	Description Standard Features	Vessels per rotor	Rotors per unit	Part no.  Configuration Setting angle (Reference: vertical)	
(ml)	Ø x length (mm)		(pcs.)	(pcs.)		
10.0	16 – 17 x 65 – 100	basic rotor for 126302	48	1 + 1	<b>124518<sup>3)</sup></b>  disc rotor 30°	
10.0	16 – 17 x 65 – 100	extension rotor for 124518	48	max. 1	<b>126302</b>  disc rotor 30°	
10.0	22.5 – 24 x 41 – 45	bottle, ISO 8362- 1 10R  basic rotor for 126309	27	1 + 2	<b>124530</b>  massive rotor 25°	
10.0	22.5 – 24 x 41 – 45	bottle, ISO 8362- 1 10R  extension rotor for 124530	27	max. 2	<b>126309</b>  massive rotor 25°	
10,0	26,5 – 28 x 80 – 109		32	1	<b>124556<sup>3)</sup></b>  disc rotor 20°	
10.0 12.0 15.0	16 – 16.5 x 80 – 125	round bottom, Falcon	48	1	<b>124536</b>  disc rotor (turn-over rotor) 20°	
12.0 to 15.0	19 x 80 and 19 x 100 – 125	round bottom	2 x 24	1	<b>112294</b>  disc rotor (combination rotor) 20°	
13.0	15.2 x 100 (vessel) 18 x 85 (cover)		48	--	<b>110516<sup>4)</sup></b>  adapter cover	

Vessel			Rotor			
Nominal volume	Dimensions	Description Standard Features	Vessels per rotor	Rotors per unit	Part no.  Configuration Setting angle (Reference: vertical)	
(ml)	Ø x length (mm)		(pcs.)	(pcs.)		
15.0	18 x 100 or 18 x 125		48	1	<b>124538</b>  disc rotor 20°	
21.0	15.6-16.5 x 104.3-162.5	e.g. Schott Duran (part no. 2613121)	48	1	<b>124541</b> <sup>3)</sup>  disc rotor	
22.0	20.1 X 76 (vessel) 27.5 x 60 (cover)	flat bottom and thread	24	1	<b>112478</b> <sup>3)7)</sup>  adapter cover	
30.0	18 X 180 (vessel) 21.5 x 146 (cover)	round bottom	24	1	<b>112210</b> <sup>5)</sup>  adapter cover	
30.0	24 – 25 x 105 – 120		18	1	<b>124525</b>  disc rotor 25°	
30.0 / 40.0	20 – 21.5 x 150 – 180		24	1	<b>124528</b>  disc rotor 20°	
30.0	27.5 x 72	flat bottom  basic rotor for 112419	24	1 + 1	<b>112418</b> <sup>3)</sup>  disc rotor 22°	
30.0	27.5 x 72	flat bottom  extension rotor for 112418	24	max. 1	<b>112419</b> <sup>3)</sup>  disc rotor 22°	
50.0	27 x 140		20	1	<b>124539</b> <sup>3)</sup>  disc rotor 22°	

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(ml)	Ø x length (mm)		(pcs.)	(pcs.)		
50.0	29.5 – 30 x 115 – 120	Falcon	18	1	<b>124540</b>  disc rotor 25°	
50.0	34.5 x 100 – 120		12	1	<b>124544</b>  disc rotor 28°	
100	45 x 100 – 120		8	1	<b>124545</b>  disc rotor 28°	
100	45 x 100 – 120		12	1	<b>124547</b>  disc rotor 23°	
150	58.6 – 61 x 110 – 120	flat bottom Falcon	6	1	<b>124546</b>  disc rotor 20°	
--		--	--	--	<b>124533</b>  distance ring	
--		--	--	--	<b>112227<sup>2)</sup></b>  distance ring	

<sup>1)</sup> Only in conjunction with fixed-angle disc rotor, part no. 124522

<sup>2)</sup> In order to use two rotors, a distance ring, part no. 110393, must be installed between the rotors.

<sup>3)</sup> Delivery time on request, subject to technical relations.

<sup>4)</sup> Only in conjunction with fixed-angle disc rotor, part no. 124538

<sup>5)</sup> Only in conjunction with fixed-angle disc rotor, part no. 124528

<sup>6)</sup> Only in conjunction with fixed-angle disc rotors, part no. 124527 and 126311

<sup>7)</sup> Only in conjunction with fixed-angle disc rotors, part no. 112418 and 112419

**Swing-out rotors**

**WARNUNG**

The balance point of the loaded bucket must be located considerably below the pivotal point !

Plate		Rotor type and accessories			
Type	Dimensions	No. of plates per rotor	No. of plates per device	Part no.	
	B x T x H (mm)	(piece)	(piece)	Configuration Setting angle (Reference: vertical) Material	
MTP or DWP	max. 86.5 x 128.5 x 14.0 max. 86.5 x 128.5 x 53.0	6 2	12 4	<b>124560</b>	1 set, consisting of 2 rotors, no. 124511 1 coupling piece, no. 124553, 4 carriers, no. 141993 90° aluminium, black anodized
MTP or AP or DWP	max. 86.5 x 128.5 x 15.9 max. 86.5 x 128.5 x 25.9 max. 86.5 x 128.5 x 60.0	6 4 2	12 8 4	<b>124567</b>	1 set, consisting of 2 rotors, no. 124511 1 coupling piece, no. 124553, 4 carriers, no. 124708, 4 carrier plates, no. 124704 4 carrier plates, no. 124705 90° aluminium, black anodized
DWP	max. 86.5 x 128.5 x 60.0	2	4	<b>124565</b>	1 set, consisting of 2 rotors, no. 124511 1 coupling piece, no. 124553, 4 carriers, no. 124450 90° aluminium, black anodized and stainless steel, electropolished
				<b>124511</b>	Swing-out rotor for microtiter plates (MTP) assay plates (AP) and deepwell plates (DWP) 90° (swinging out fully) aluminium, black anodized

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Plate		Rotor type and accessories			
Type	Dimensions	No. of plates per rotor	No. of plates per device	Part no.	
	B x T x H (mm)	(piece)	(piece)	Configuration	Setting angle (Reference: vertical)
				Material	
---	---	---	---	<b>124553</b>	
				Coupling piece, to connect two rotors no. 124511 aluminium, black anodized	
MTP oder DWP	max. 86.5 x 128.5 x 14.0	6	12	<b>141993</b>	
	max. 86.5 x 128.5 x 53.0	2	4	Carrier without bottom window, for 3 MTP or 1 DWP, suitable for rotor no. 124511 aluminium, black anodized	
MTP or AP or DWP	max. 86.5 x 128.5 x 15.9	6	12	<b>124708</b>	
	max. 86.5 x 128.5 x 25.9	4	8	Carrier, without bottom window, for 3 MTP or 2 AP or 1 DWP, suitable for rotor no. 124511 aluminium, black anodized	
	max. 86.5 x 128.5 x 60.0	2	4		
				<b>124704</b>	
				Carrier plate with distance piece, red, height 6 mm, suitable for carrier no. 124708 aluminium, black anodized	
				<b>124705</b>	
				Carrier plate with distance piece, blue, height 16 mm, suitable for carrier no. 124708 aluminium, black anodized	
DWP	max. 86.5 x 128.5 x 60.0	2	4	<b>124450</b>	
				Carrier, with bottom window, for 1 DWP, suitable for rotor no. Nr. 124511 stainless steel, electropolished	