

# RAPCO inc. BRAKE COMPONENT CROSS REFERENCE

## with Minimum Wear Thickness Specifications

FAA-PMA Approved Brake Disc, Linings, Rivets and Mounting Pins.

### Brake Discs

RAPCO	Cleveland		McCauley	Piper	Bolt Holes Quantity - Size	Slotted Disc	Minimum Wear Thickness In./mm
	Current	Superseded					
RA164-00206	164-00206	164-2F		754-650	3 - 1/4"		***
RA164-00300	164-00300	164-3			3 - 5/16"		0.205 / 5.207
RA164-00400	164-00400	164-4			3 - 1/4"		0.162 / 4.115
RA164-00500	164-00500	164-5		754-518 758-517	3 - 1/4"		0.157 / 3.988
RA164-00700	164-00700	164-7			3 - 1/4"		0.345 / 8.763
RA164-00806	164-00806	164-8F			9 - 1/4"		0.334 / 8.484
RA164-00900	164-00900 164-00100	164-9 164-1		754-530	3 - 1/4"		0.227 / 5.766
RA164-01000	164-01000	164-10		754-831	6 - 1/4"		0.345 / 8.763
RA164-01300	164-01300	164-13		754-528	3 - 1/4"		0.227 / 5.764
RA164-01406	164-01406	164-14F			9 - 1/4"		0.334 / 8.484
RA164-01501	164-01501	164-15A			3 - 5/16"		0.327 / 8.306
RA164-01506	164-01506	164-15F			3 - 5/16"		0.327 / 8.306
RA164-01600	164-01600	164-16			3 - 5/16"		0.157 / 3.988
RA164-01700	164-01700	164-17		754-617	3 - 1/4"		0.167 / 4.242
RA164-01900	164-01900	164-19		754-545	3 - 5/16"		0.227 / 5.766
RA164-02000	164-02000	164-20		754-535	3 - 5/16"		0.205 / 5.207
RA164-02201	164-02201	164-22A		754-554	3 - 5/16"		0.345 / 8.763
RA164-02300	164-02300	164-23		754-643	3 - 5/16"		0.345 / 8.763
RA164-02504	164-02504 164-02501	164-25A			3 - 5/16"		0.445 / 11.303
RA164-02505	164-02505 164-02503 164-02502	164-25C 164-25B			3 - 5/16"		0.445 / 11.303
RA164-02601	164-02601	164-26A			3 - 5/16"		0.205 / 5.207
RA164-02706	164-02706	164-27F			6 - 5/16"		0.330 / 8.382
RA164-02707	164-02707	164-27G			6 - 5/16"		0.330 / 8.382
RA164-02800	164-02800	164-28			6 - 1/4"		0.227 / 5.766
RA164-03006	164-03006	164-30F			9 - 1/4"		0.282 / 7.163
RA164-03106	164-03106	164-31F			9 - 1/4"		0.163 / 4.140
RA164-03206	164-03206	164-32F		754-651 760-538	3 - 1/4"		***
RA164-03300	164-03300	164-33		754-562	3 - 5/16"		0.235 / 5.969
RA164-03506	164-03506	164-35F			9 - 1/4"		0.260 / 6.604
RA164-03601	164-03601 164-03600	164-36A 164-36			3 - 5/16"		0.327 / 8.306
RA164-03906	164-03906 164-03900	164-39F 164-39			9 - 5/16"		0.600 / 15.240
RA164-04000	164-04000	164-40			3 - 1/4"		0.205 / 5.207
RA164-04300	164-04300	164-43			3 - 1/4"		0.205 / 5.207
RA164-04406	164-04406	164-44F			9 - 1/4"		0.334 / 8.484
RA164-04800 *	164-04800	164-48			3 - 5/16"		0.327 / 8.306
RA164-05006	164-05006 164-05000	164-50F 164-50		456-818	6 - 5/16"		0.475 / 12.065
RA164-05500	164-05500 164-7600	164-55 164-76			9 - 5/16"	Slotted	0.492 / 12.497
RA164-05700	164-05700	164-57		754-612	3 - 1/4"		0.525 / 13.335
RA164-05806	164-05806	164-58F			9 - 5/16"		0.395 / 10.033
RA164-06106	164-06106	164-61F			6 - 5/16"	Slotted	0.475 / 12.065
RA164-06306	164-06306	164-63F			9 - 5/16"	Slotted	0.465 / 11.811
RA164-06406	164-06406	164-64F			9 - 1/4"	Slotted	0.465 / 11.811

Continued

## Brake Discs Continued

RAPCO	Cleveland		McCaughey	Piper	Bolt Holes Quantity - Size	Slotted Disc	Minimum Wear Thickness In./mm
	Current	Superseded					
RA164-07200	164-07200	164-72			8 - 3/8"	Slotted	0.492 / 12.497
RA164-07400	164-07400	164-74			8 - 5/16"	Slotted	0.492 / 12.497
RA164-07500 *	164-07500	164-75			3 - 5/16"		0.205 / 5.207
RA164-07700	164-07700	164-77		754-642	9 - 5/16"	Slotted	0.470 / 11.938
RA164-07800	164-07800	164-78			6 - 5/16"	Slotted	0.450 / 11.43
RA164-07906	164-07906 164-5200	164-79F 164-52			9 - 1/4"	Slotted	0.465 / 11.811
RA164-08100 *	164-08100	164-81			6 - 5/16"	Slotted	0.450 / 11.430
RA164-08200	164-08200	164-82			6 - 5/16"	Slotted	0.327 / 8.306
RA164-08300	164-08300	164-83			6 - 5/16"		0.327 / 8.306
RA164-08406	164-08406	164-84F			6 - 5/16"	Slotted	0.330 / 8.302
RA164-08500	164-08500	164-85			3 - 1/4"		0.325 / 8.255
RA164-09100	164-09100	164-91			9 - 5/16"	Slotted	0.492 / 12.497
RA164-09900 *	164-09900	164-99			3 - 1/4"		0.275 / 6.985
RA164-20206	164-20206	164-202F			9 - 5/16"		0.334 / 8.484
RA164-20306	164-20306	164-203F			6 - 5/16"	Slotted	0.465 / 11.811
RA164-20500	164-20500	164-205			6 - 5/16"	Slotted	0.525 / 13.335
RA164-20600	164-20600	164-206		754-658	8 - 5/16"	Slotted	0.455 / 11.557
RA164-20700	164-20700	164-207			8 - 5/16"	Slotted	0.410 / 10.414
RA164-20806	164-20806	164-208F			6 - 5/16"	Slotted	0.475 / 12.065
RA164-20900	164-20900	164-209			8 - 3/8"	Slotted	0.410 / 10.414
RA164-21000	164-21000	164-210			6 - 3/8"	Slotted	0.436 / 11.074
RA164-21100*	164-21100	164-211			9 - 5/16"	Slotted	0.492 / 12.497
RA164-21200*	164-21200	164-212			9 - 5/16"		0.327 / 8.306
RA164-21600	164-21600	164-216		754-686	6 - 5/16"	Slotted	0.405 / 10.287
RA164-21900	164-21900	164-219			9 - 5/16"	Slotted	0.590 / 14.986
RA164-22000	164-22000	164-220			8 - 3/8"	Slotted	0.360 / 9.144
RA164-22201	164-22201	164-222A			9 - 5/16"	Slotted	0.537 / 13.640
RA164-22202	164-22202	164-222B			9 - 21/64"	Slotted	0.537 / 13.640
RA164-22400	164-22400	164-224			9 - 3/8"	Slotted	0.385 / 9.779
RA164-22900	164-22900	164-229			8 - 3/8"	Slotted	0.410 / 10.414
RA164-23000	164-23000	164-230			9 - 3/8"	Slotted	0.565 / 14.351
RA164-30195	164-30195	164-09300 164-93	B-30195		6 - 5/16"		0.190 / 4.826
RA164-30388	164-30388	164-09700 164-97	C-30388		6 - 5/16"		0.325 / 8.255
RA164-30398	164-30398	164-09600 164-96	C-30398		6 - 5/16"		0.325 / 8.255
RA164-30414	164-30414	164-09500 164-95	C-30414		6 - 5/16"		0.325 / 8.255
RA164-30440	164-30440	164-09200 164-92	B-30440		6 - 5/16"		0.190 / 4.826
RA164-30615-1	164-30615-1	164-08800 164-88	C30615-1		3 - 5/16"		0.190 / 4.826
RA164-30615-2	164-30615-2	164-08900 164-89	C30615-2		3 - 5/16"		0.330 / 8.382
RA164-30615-3	164-30615-3	164-09000 164-90	C30615-3		3 - 5/16"		0.330 / 8.382

\* Indicates particular disk part numbers that are designed specifically for use on experimental or non US TC aircraft.

\*\*\* For minimum wear thickness on Piper Aztec brake disc RA164-00206 or RA164-03206 perform the following procedure.

First measure the linings to make sure they are each above the minimum wear of 0.100 inch or ( 0.76 mm ) thick, if not replace.

Next measure the cumulative thickness of the two linings, the pressure plate and the brake disk.

If the cumulative thickness of these four items is less than 1.00 inch ( 25.4 mm ) the disc is considered to be below minimum wear thickness and should be replaced.

For reference only.

## Linings

For Minimum Wear Thickness see notation below.

RAPCO		Cleveland		McCaughey	Airborne	Beechcraft	Cessna	Piper	Rivets & Mounting Pins
Current	Superseded	Current	Superseded						
<b>Metallic</b>									
RA066-02200	RA66-22	066-02200	66-22		450		66-22		RA177-00300
RA066-03300	RA66-33	066-03300	66-33		451		66-33	752-363	RA177-00300, or RA177-00400
RA066-04400	RA66-44	066-04400	66-44						RA177-00300
RA066-06200	RA66-62 RA66-19 RA66-105M	066-06200	66-62 066-01900 66-19		449		66-36	761-197 752-336	RA177-00300
RA066-06400		066-06400	66-64						RA177-01600
RA066-06500	RA66-65 RA66-15	066-06500	66-65 066-01500** 66-15**		448			752-335	RA177-00300
RA066-06600	RA66-66	066-06600	66-66						RA177-01600
RA066-06700		066-06700	66-67						RA177-00300
RA066-06800	RA66-68	066-06800	66-68					761-212	RA177-01600
RA066-07300		066-07300	66-73						RA177-01600
RA066-09000		066-09000	66-90 066-07900 66-79						RA105-00200 & RA177-01600
RA066-09100		066-09100	66-91						Direct Mounting
RA066-09200		066-09200	66-92						Direct Mounting
RA066-09700		066-09700	66-97						RA177-00300
RA066-10000		066-10000	66-100						RA105-00200 & RA177-01600
<b>Organic</b>									
RA066-10500	RA66-105	066-10500	66-105 066-09500 66-95 066-05500 (HD) 66-55 (HD) 066-03000 66-30		313	36-8001-23	66-30	752-342	RA105-00200
RA066-10600	RA66-106	066-10600	66-106 066-09400 66-94 066-05700** (HD) 66-57** 066-05600 (HD) 66-56 (HD) 066-00300 ** 66-3** 066-00200 66-2		311 310		3007 3006	752-309 752-308	RA105-00200
RA066-10800	RA66-108	066-10800	66-108 66-59 (HD) 066-03500 66-35		452				RA105-00200
Note	RA66-109 Superseded to RA066-30026 see below.								
RA066-11100	RA66-111	066-11100	66-111 066-05800 (HD) 66-58 (HD) 066-00400 66-4		312	35-204	35-204	752-338	RA105-00200
RA066-11200	RA66-112	066-11200	66-112 66-71 (HD)						
		066-14100							
RA066-30026	RA66-109	066-30026	066-10900 66-109 066-08800 (HD) 66-88 066-08700 (HD) 66-87	B-30026	487				RA105-00200

Minimum Wear Thickness for organic or metallic linings, except the RA066-09100 and RA066-09200, is 0.100 inch ( 2.54 mm ) thick.

For the RA066-09100 and RA066-09200 linings, the minimum wear thickness of the sintered lining material by itself is 0.030 inch (0.76mm) thick.

\*\* Obsolete double length lining replaced by two each of the current part number.

(HD) Heavy Duty

For reference only.

## Rivets

Current	RAPCO Superseded	Cleveland	Cleveland Superseded	Airborne	Head Diameter	Shank Diameter	Overall Length
RA105-00200	RA105-00200	105-00200	105-2, 561	156	5/16	5/32	9/32
<b>Mounting Pins</b>							
RA177-00300	RABP001	177-00300	177-3		5/16	5/32	7/32
RA177-00400		177-00400	177-4		5/16	3/16	7/32
RA177-01600		177-01600	177-16		3/8	3/16	7/32

For reference only.

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