



Oil Filters

Aircraft Engine Applications

Model	Engine Model	Champion Spin-On Filter	Champion Element	Model	Engine Model	Champion Spin-On Filter	Champion Element
AEROSPATIALE (Socata)				NOTE: All Cessna aircraft modified under Cessna Service Bulletin SEB-93-1 or MEB 93-1, require Champion Oil Filter CH48108-1. The CH48109-1 may also be used if clearance permits installation.			
TB9 Tampico	O-320-D2A	CH48110-1	CFO-100-1	CESSNA (Single Engine Models)			
TB10 Tobago	O-360-A1AD	CH48110-1	CFO-100-1		150 A thru M	O-200	CH48108-1
TB20 Trinidad	IO-540-C4D5D	CH48103-1	CFO-100-	F150 F thru M	O-200	CH48108-1	CFO-100-
1				A150L	O-200	CH48108-1	CFO-100-
TB21 Trinidad TC	TIO-540-AB1AD	CH48103-1	CFO-100-	FA150	O-200	CH48108-1	CFO-100-
1				152	O-235-L2C, H2C	CH48110-1	-
TB30	AEIO-540-L1B5D	CH48103-1	CFO-100-	C-172	O-300	CH48108-1	CFO-100-
1				172 A thru H	O-320	CH48110-1	CFO-100-1
AEROSTAR (See Piper)				172N	O-320-H2AD	CH48103-1	-
BEECH				172P	O-320-D2J	CH48111-1	CFO-101-1
BONANZA				F172 D thru H	O-300	CH48108-1	CFO-100-
E33A, F33A, F33B, F33C	IO-520	-	CFO-100-	FR172 E thru K	IO-360	CH48108-1	CFO-100-
1				R172K	IO-360-K	CH48108-1	-
E33A, F33A, F33B, F33C	IO-520B	CH48109-1	-	172R and S	IO-360-L2A	CH48110-1	-
G-33	IO-470N	CH48108-1	-	172RG	O-360-F1A6	CH48110-1	CFO-100-1
H-35	O-470	CH48108-1	-	172S	IO-360-L2A	CH48110-1	-
J, K, M-35	IO 470-C	CH48108-1	-	177	O-320	CH48110-1	CFO-100-1
N, P-35	IO-470-N	CH48108-1	-	177A, B	O-360-A1F6D	CH48103-1	CFO-100-
S35, V35, V35A, V35B	IO-520	-	CFO-100-	177RG	IO-360-A1B6D	CH48103-1	CFO-100-1
1				180 A thru J	O-470	CH48108-1	CFO-100-
S35	IO-520B	CH48109-1	-	180Q	O-470-U++	CH48108-1	CFO-100-
V35TC, V35A-TC, V35B-TC	TSIO-520	-	CFO-100-	180-S/N 53087 & Up	1111O-470-U++	CH48108-1	-
1				C-182	O-470	CH48108-1	CFO-100-
V35TC, V35A-TC, -V35B-TC	TSIO-520D	CH48109-1	-	182 A Thru P	O-470-U++	CH48108-1	CFO-100-
V35, V35A, V35B	IO-520B	CH48109-1	-	182Q, R	IO-540-AB1A5	CH48110-1	-
36, A36	IO-520B	CH48109-1	-	182S	O-470	CH48108-1	CFO-100-
A36TC, B36TC	TSIO-520-UB	CH48109-1	-	A182 K thru N	O-470-U++	CH48108-1	-
B36-550	IO-550	CH48109-1	-	182-S/N 67042 & Up	O-470-U++	CH48108-1	-
DEBONAIR/BONANZA				F182-S/N 00130 & Up	O-540-J3C5D	CH48103-1	CFO-100-
C33A, E33A, E33C	IO-520	-	CFO-100-	R182	O-540-L3C5D	CH48103-1	CFO-100-
1				T182	O-540-L3C5D	CH48103-1	CFO-100-
C33A, E33A, F33C	IO-520B	CH48109-1	-	TR182, FTR182	O-540-L3C5D	CH48103-1	CFO-100-
MUSKETEER				185 A thru D	IO-470, IO-520	CH48108-1	CFO-100-
Sport III	O-320	CH48110-1	CFO-100-1	A185E, F	IO-470, IO-520	CH48108-1	CFO-100-
23	O-320	CH48110-1	CFO-100-1	185-S/N 03852 & Up	IO-520	CH48108-1	-
A23-19, 19A, B19 Sport	O-320	CH48110-1	CFO-100-1	188	O-470, IO-520	CH48108-1	CFO-100-
A23, 23, A23A	IO-346	-	CFO-100-	188-S/N 03474 & Up	IO-520D	CH48109-1	-
1				T188-S/N 03474 & Up	TSIO-520	CH48109-1	-
A23, A23A	IO-346A	CH48109-1	-	205A	IO-470	CH48108-1	CFO-100-
B23, C23 Sundowner	O-360	CH48110-1	CFO-100-1	C-206	IO-540	CH48110-1	CFO-100-1
B23	O-360A4JD	CH48103-1	CFO-100-	206 A thru G	IO-520	CH48108-1	CFO-100-
1							
SIERRA							
24, A-24, A-24R, B-24R, C-24R	IO-360, -L2A	CH48110-1	CFO-100-1				
SKIPPER							
77	O-235-L2C	CH48110-1	-				
BEECH							
BARON							
C55, D55, E55, 58	IO-520	-	CFO-100-				
1							
C55, D55, E55, 58	IO-520C	CH48109-1	-				
56TC, A56TC	TIO-541-E	CH48104-1	CFO-101-				
1							
Baron 58P	TSIO-520-L++	-	CFO-100-				
1							
Baron 58P, 58TC	TSIO-520-L, -W, -B	CH48108-1	-				
Baron 58C, 550	IO-550	CH48109-1	-				
DUKE							
60, A60, B60	TIO-541	CH48104-1	CFO-101-				
1							

Aircraft engines not listed, but equipped with oil filters at overhaul, may accept Champion filters. Write Aviation Service Deptment for further information. Please include description of your engine. ++ Reference page 25-26 for other TCM application data. * Requires Lyco (54E23093)

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Model	Engine Model	Champion Spin-On Filter	Champion Element	Model	Engine Model	Champion Spin-On Filter	Champion Element
CESSNA (Twin Engine Models)				MAULE			
T303	LTSIO-520-AE & TSIO-520-AE	CH48109-1	-	M5-180C, MX7-180	O-360-C, -C1F	CH48110-1	
310 C thru Q	IO-470	CH48108-1	CFO-100	M5-210C	IO-360D, -L2A	CH48103-1	
1				M5-210TC	TO-360-C1A6D	CH48103-1	
310 R	IO-520-M	CH48108-1	-	M5-235C, M6-235, M7-235	O-540-J1A5D	CH48103-1	
T310P, Q, R	TSIO-520-B	CH48108-1	CFO-100	MX-7-235	O-540-W1A5D	CH48103-1	
1				MOONEY AIRCRAFT			
320-A	TSIO-470	CH48104-1	-	M20	O-320	CH48110-1	CFO-100-1
320-B, C	TSIO-470	CH48109-1	CFO-101	M20A, B, Mark21	O-360	CH48110-1	
1				M20D Master	O-360	CH48110-1	CFO-100-1
320-D	TSIO-520	-	CFO-100-1	M20C Ranger	O-360	CH48110-1	
320-D, E, F	TSIO-520-B	CH48108-1	-	M20G Statesman	O-360	CH48110-1	CFO-100-1
335	TSIO-520-EB	CH48109-1	-	M20E Chaparral	IO-360, -L2A	CH48110-1	CFO-100-1
336	IO-360	CH48108-1	CFO-100	M20F Executive	IO-360, -L2A	CH48110-1	CFO-100-1
1				M20J-201	IO-360-A3B6D, -L2A	CH48103-1	-
337	IO-360	CH48108-1	CFO-100	M20K-231	TSIO-360-G, LB	CH48108-1	
1				M20M-TLS	TIO-540-AFIA, B	CH48110-1	
P337, P337H	TSIO-360	CH48108-1	CFO-100	M20R	IO-550	CH48108-1	-
1				M22 Mustang	TIO-541	CH48110-1	CFO-100-1
T337H	TSIO-360-H	CH48108-1	CFO-100	M20K-252 TSE	TSIO-360-MB1	CH48108-1	-
1				PIPER			
340	TSIO-520-K	CH48108-1	-	CUB			
340A	TSIO-520-N, -NB	CH48109-1	CFO-100	PA-18 "150"	O-320	CH48110-1	CFO-100-1
1				TRI-PACER			
401/402	TSIO-520-E	CH48108-1	CFO-100	PA-22 "150"	O-320	CH48110-1	CFO-100-1
1				PA-22 "160"	O-320	CH48110-1	CFO-100-1
402C	TSIO-520-VB	CH48109-1	CFO-100	COMANCHE			
1				PA-24 "180"	O-360	CH48110-1	CFO-100-1
404	GTSIO-520-M	CH48108-1	CFO-101	PA-24 "250"	O-540 or IO-540	CH48110-1	CFO-100-1
1				PA-24B, PA-24C "260"	O-540 or IO-540	CH48110-1	CFO-100-1
411-S/N 000 thru 0126	GTSIO-520-C	CH48109-1	-	PA-24 Turbo "260"	IO-540	CH48110-1	CFO-100-1
411-S/N 0127 and up	GTSIO-520-C	CH48109-1	CFO-101	PAWNEE			
1				PA-25 "150"	O-320	CH48110-1	CFO-100-1
414, 414A	TSIO-520-J, -N	CH48108-1	-	A25 "260"	O-540	CH48110-1	CFO-100-1
421A, B	GTSIO-520-D, -H,	CH48109-1	CFO-101	PA-36 Brave	6-285B	CH48109-1	-
1				PA-36-375 Brave	IO-720-D1C	CH48110-1	CFO-100-1
421C-S/N 1017 thru 1404	-L, -N, ++	CH48109-1	CFO-101	PA-36-400 Brave	IO-720D1CD	CH48104-1	CFO-101-1
1				CHEROKEE, CADET			
CIRRUS AIRCRAFT				PA-28 "140"	O-320	CH48110-1	CFO-100-1
SRV, SR20	IO-360ES	CH48108-1		PA-28 "150"	O-320	CH48110-1	CFO-100-1
SR22	IO-550N	CH48109-1		PA-28 "160", "161"	O-320	CH48110-1	CFO-100-1
COLUMBIA/LANCAIR				PA-28 "180"	O-360	CH48110-1	CFO-100-1
COLUMBIA 300, 350	IO-550N	CH48109-1	CFO-100	PA-28 "180", "181"	O-360-A4M	CH48110-1	CFO-100-1
1				PA-28 "235"	O-540	CH48110-1	CFO-100-1
COLUMBIA 400	TS10-550	CH48109-1	CFO-100	PA-28 "151"	O-320	CH48110-1	CFO-100-1
1				ARROW			
DIAMOND AIRCRAFT				PA-28R "180"	IO-360, L2A	CH48110-1	CFO-100-1
DA20-1C	IO-240	CH48108-1	CFO-100	PA-28R "180"	IO-360-C1CD, L2A	CH48103-1	CFO-100-1
1				PA-28R "200"	IO-360, L2A	CH48110-1	CFO-100-1
				Arrow II	TSIO-360	CH48108-1	-
				PA-284 "200"	TSIO-360-F1	CH48108-1	
				Turbo Arrow III			
				PA-28-R-201T			

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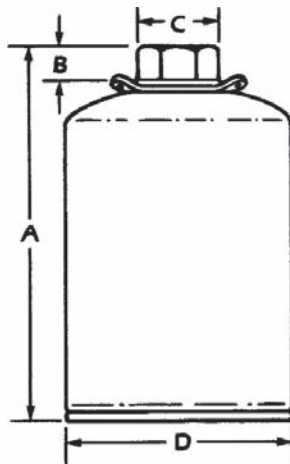


Oil Filters

Aircraft Engine Applications

Model	Engine Model	Champion Spin-On Filter	Champion Element	Model	Engine Model	Champion Spin-On Filter	Champion Element
DAKOTA				TWIN COMMANCHE			
PA-28-235	O-540-J3A5D	CH48103-1*	CFO-100-1	PA-30 "160" Turbo	IO-320	CH48110-1	CFO-100-1
PA-28-201T	TSIO-360-FB	CH48108-1	-	PA-39 "160"	IO-320	CH48110-1	CFO-100-1
					LIO-320	CH48110-1	CFO-100-1
CHEROKEE SIX				PA-39 "160" Turbo	IO-320	CH48110-1	CFO-100-1
PA-32 "260"	O-540	CH48110-1	CFO-100-1		LIO-320	CH48110-1	CFO-100-1
PA-32 "300"	IO-540	CH48110-1	CFO-100-1				
PA-32R "300"	IO-540-K1AD	CH48103-1*	CFO-100-1	NAVAJO			
PA-32R "300"	TIO-540-S1AD	CH48103-1*	CFO-100-1	PA-31 "300"	IO-540	CH48110-1	CFO-100-1
PA-32RT-300T	TIO-540-S1AD	CH48103-1*	CFO-100-1	PA-31 "310" Turbo	IO-540-F2BD	CH48103-1	CFO-100-1
PA-32-301	IO-540-K1G5D	CH48103-1*	CFO-100-1	PA-31 "325"	LTIO-540-F2BD	CH48103-1	CFO-100-1
PA-32-301	TIO-540-S1AD	CH48103-1*	CFO-100-1				
PA-32R-301	IO-540-K1G5D	CH48103-1*	CFO-100-1	PA-31 "350" Chieftain	TIO-540-J2BD	CH48103-1	CFO-100-1
PA-32R-301	TIO-540-S1AD	CH48103-1*	CFO-100-1		LTIO-540-J2BD	CH48103-1	CFO-100-1
				PA-31P "425"	TIGO-541	CH48104-1	CFO-101-1
TOMAHAWK				PA-31P "350" Mojave	TIO/LIO-540-V2AD	CH48104-1	
Trainer PA-38-112	O-235-L2C	CH48103-1*	CFO-100-1	SENECA			
				PA-34	IO-360C	CH48110-1	CFO-100-1
MALIBU					LIO-360C	CH48110-1	CFO-100-1
PA-46-301P	Cont TSIO-520-BE	CH48109-1		PA-34	IO-360-C1E6D	CH48103-1	CFO-100-1
MALIBU MIRAGE					LIO-360-C1E6D	CH48103-1	CFO-100-1
PA-46-350-P	Lyco TIO-540-AE2A	CH48103-1		Seneca II	LTSIO-360-E	CH48108-1	-
				Seneca III	TSIO-360-E	CH48108-1	-
APACHE				PA-34-220T	TSIO-360-KB	CH48108-1	
PA-23 "150"	O-320	CH48110-1	CFO-100-1	PIPER AEROSTAR			
PA-23 "160"	O-320	CH48110-1	CFO-100-1	PA-60-600, -600A	IO-540-G, -K	CH48110-1	CFO-100-1
PA-23 "235"	O-540	CH48110-1	CFO-100-1	PA-60-604, -601B	IO-540-P, -S	CH48110-1	CFO-100-1
				PA-60-601P	IO-540-S	CH48110-1	CFO-100-1
AZTEC				PA-60-602P	IO-540-AA1A5	CH48110-1	CFO-100-1
PA-23 "250"	O-540	CH48110-1	CFO-100-1	SEMINOLE			
"C" PA-23	IO-540	CH48110-1	CFO-100-1	PA-44-180	O-360-E1AD	CH48103-1*	CFO-100-1
PA-23 Turbo "250"	IO-540	CH48110-1	CFO-100-1	PA-44-180T	TO-360-E1A6D		
"C", "D", "E", "F"					LTO-360-E1A6D	CH48103-1*	CFO-100-1
PA-23 Turbo "250"	TIO-540	CH48110-1	CFO-100-1				

Dimensional Data



Popular spin-on oil filters

Champion Part No.	A	B	C	D	Thread (SAE)	Dry Weight Lbs./Kg.
CH48103-1	4.48" (11.4 cm)	0.43" (1.09 cm)	1.00" Hex (2.54 cm)	3.71" (9.4 cm)	13/16-16-UNS-2B	1.32lbs. (0.59kg)
CH48104-1	5.73" (14.6 cm)	0.43" (1.09 cm)	1.00" Hex (2.54 cm)	3.71" (9.4 cm)	13/16-16-UNS-2B	1.41lbs. (0.64kg)
CH48108-1	4.48" (11.4 cm)	0.43" (1.09 cm)	1.00" Hex (2.54 cm)	3.71" (9.4 cm)	3/4-16-UNF-2B	1.40lbs. (0.64kg)
CH48109-1	5.73" (14.6 cm)	0.43" (1.09 cm)	1.00" Hex (2.54 cm)	3.71" (9.4 cm)	3/4-16-UNF-2B	1.51lbs. (0.68kg)
CH48110-1	4.48" (11.4 cm)	0.43" (1.09 cm)	1.00" Hex (2.54 cm)	3.71" (9.4 cm)	3/4-16-UNF-2A	1.38lbs. (0.63kg)
CH48111-1	5.73" (14.6 cm)	0.43" (1.09 cm)	1.00" Hex (2.54 cm)	3.71" (9.4 cm)	3/4-16-UNF-2A	1.47lbs. (0.67kg)

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