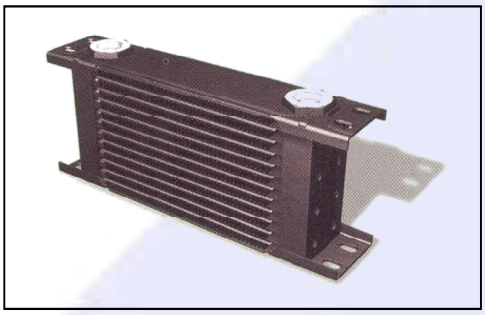
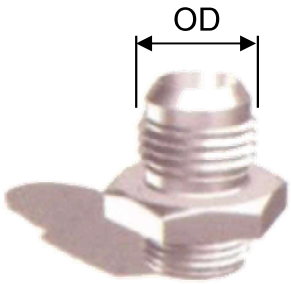
2. Oil coolers

2.1. Setrab ProLine STD Engine & Transmission Oil Coolers



This is the most popular engine oil cooler on the market. Its aluminium construction ensures optimal weight and performance. The ProLine STD range of oil coolers can withstand a dynamic pressure of up to 10 bar. Their four mounting brackets make it easy to mount the cooler in virtually any position. The cooler sizes have been standardized to ensure availability, but other sizes are also available. Custom coolers can be ordered in 9 different lengths ranging from 210 mm to 405 mm and with 7 up to 80 tubes.

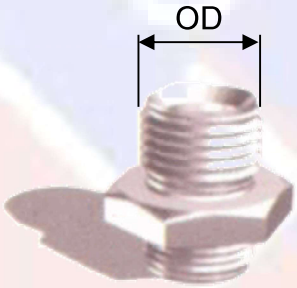
What makes the ProLine STD oil cooler unique is its adapter system: The connections on the cooler are internal M22x1.5 mm thread and adapters are utilized to adapt to the required connections. The following adapters are available:



JIC

-06, -08, -10, -12, -16

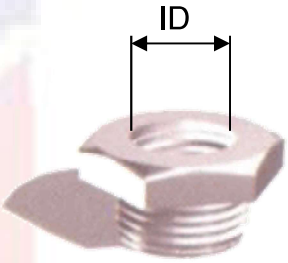
Size	Part no	OD
-06	06PL	14.3
-08	08PL	19.1
-10	10PL	21.9
-12	12PL	26.6
-16	16PL	32.7



BSP

3/8", 1/2", 5/8", 3/4"

Size	Part no	OD
3/8”	3/8PL	16.5
1/2”	1/2PL	20.7
5/8”	5/8PL	22.7
3/4”	3/4PL	26.2



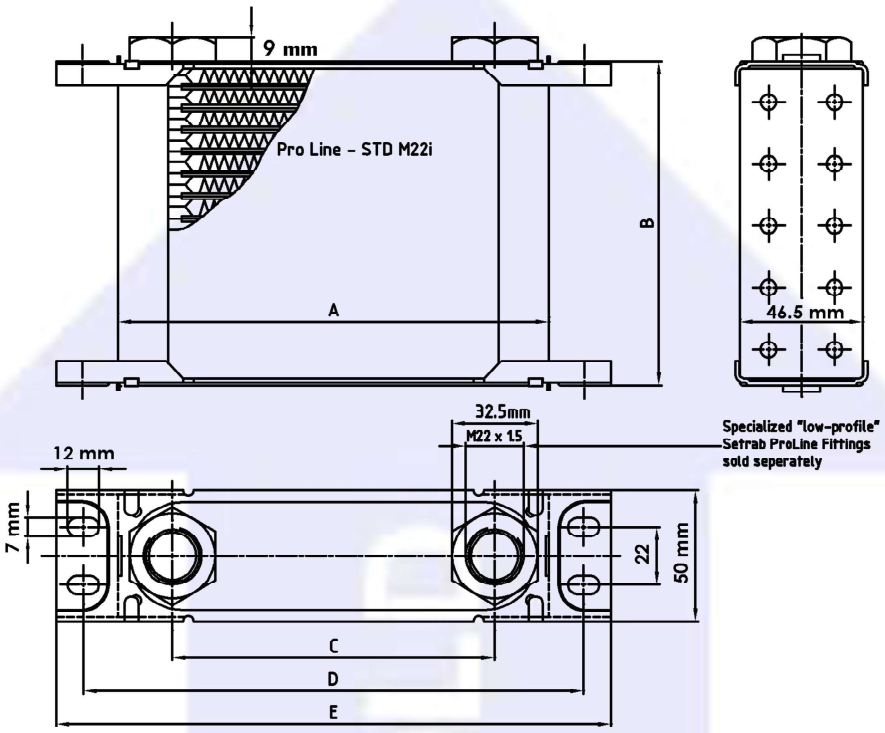
METRIC

M14, M16, M18

Non-stock item

Size	Part no	ID
M14	M14PL	12.6
M16	M16PL	14.6
M18	M18PL	16.5

List of standard sizes Setrab ProLine STD oil coolers:



Part no.	A mm	B mm	C mm	D mm	E mm	Weight kg	Volume liter
110M22I	163	75	122	190	210	0.43	0.10
113M22I	163	99	122	190	210	0.52	0.14
116M22I	163	123	122	190	210	0.61	0.19
119M22I	163	146	122	190	210	0.70	0.21
125M22I	163	193	122	190	210	0.91	0.26
150M22I	163	391	122	190	210	1.70	0.62
172M22I*	163	562	122	190	210	2.40	0.90
607M22I	283	52	242	310	330	0.54	0.14
610M22I	283	75	242	310	330	0.70	0.19
613M22I	283	99	242	310	330	0.86	0.24
616M22I	283	123	242	310	330	1.04	0.28
619M22I	283	146	242	310	330	1.20	0.38
625M22I	283	193	242	310	330	1.54	0.52
634M22I	283	264	242	310	330	2.04	0.71
640M22I	283	310	242	310	330	2.40	0.85
650M22I	283	388	242	310	330	2.95	1.04
910M22I	358	75	317	385	405	0.88	0.24
915M22I	358	115	317	385	405	1.25	0.38
919M22I	358	146	317	385	405	1.54	0.49
925M22I	358	193	317	385	405	1.97	0.71

*** - Used on a Porsche 911 with a RS scoop**

The Setrab ProLine STD oil coolers are also used for transmission oil cooling.
The series 1 and smaller sizes series 6 (7, 10, 13 row) coolers are suitable.

Applications for ProLine STD oil coolers:

Engine oil coolers:	Motor vehicles (standard or modified), racing cars, motorbikes, microlites, quads, etc.
Transmission oil coolers:	Motor vehicles (standard or modified), racing cars, quads, trucks, busses, etc
Diff oil coolers:	Racing cars, trucks and busses
Power steering oil coolers:	Racing cars and off-road vehicles
Fuel coolers:	Racing cars, turbocharged cars, trucks and busses

Engine oil cooler selection chart:

Applicable for water cooled engines.
For racing and turbocharged engines a cooler 1 or 2 sizes larger will be necessary.

Petrol		**610**	**613**	**616**	**619**	**625**	**634**	**640**
4 cyl	1300	X						
	1600	X						
	1800		X					
	2000		X					
	2200		X					
	2400			X				
	2600			X				
	2800			X				
6 cyl	2500			X				
	2800			X				
	3000				X			
	3500				X			
	4100				X			
8 cyl	3500				X			
	4000					X		
	5000					X		
	5700					X		
	6500					X		
Diesel								
4 cyl	2000		X					
	2200		X					
Turbo	2400			X				
Turbo	2500			X				
Turbo	2800				X			
Turbo	3000				X			
6 cyl	3000				X			
8 cyl	5700					X		
	6500						X	

2.2. Setrab ProLine SLM Oil Coolers



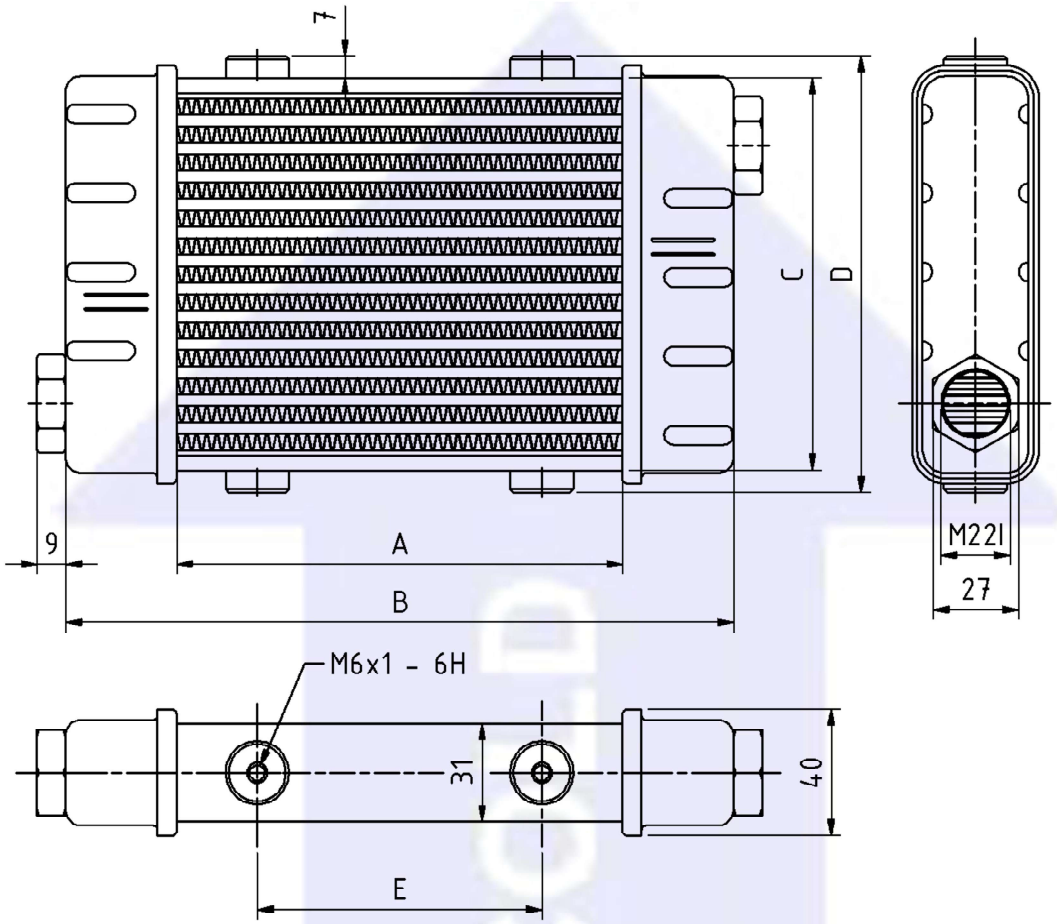
The Setrab SLM range of aluminium oil coolers is ideal for applications with limited space. It's high density tube&fin construction ensures optimal performance from the available space. The SLM range features a unique mounting design that allows for compact, vibration free installations. It can withstand dynamic working pressures of up to 8 bar. The SLM range also utilises the same adapter sytem as the Setrab Pro Line range – see page 2.

The Setrab SLM range is already in use by Quattro, AMG, VW and Norton MC.
The range consists of 4 different core lengths and 3 different heights.

All of the above qualities make the Setrab SLM range a very versatile heat exchanger with many applications.

Applications for Setrab Slimline oil coolers:

Engine oil coolers:	Motor vehicles (standard or modified), racing cars, motorbikes, microlites, quads, etc.
Transmission oil coolers:	Motor vehicles (standard or modified), racing cars, quads, trucks, busses, etc
Diff oil coolers:	Racing cars, trucks and busses
Power steering oil coolers:	Racing cars and off-road vehicles
Fuel coolers:	Racing cars, turbocharged cars, trucks and busses
Water coolers:	Microlites, quads



Part no.	A	B	C	D	E
SLM 141-06*	141	204	52	64	90
SLM 141-10*	141	211	88	100	90
SLM 141-14	141	211	124	138	90
SLM 250-06*	250	313	52	64	200
SLM 250-10	250	320	89	103	200
SLM 250-14	250	320	124	138	200
SLM 420-06	420	483	53	67	320
SLM 420-10	420	490	89	103	320
SLM 420-14	420	490	124	138	320
SLM 592-06	592	655	53	67	492
SLM 592-10	592	662	89	103	492
SLM 592-14	592	662	124	138	492

*Two mounting studs on top plate only