

**EN17**

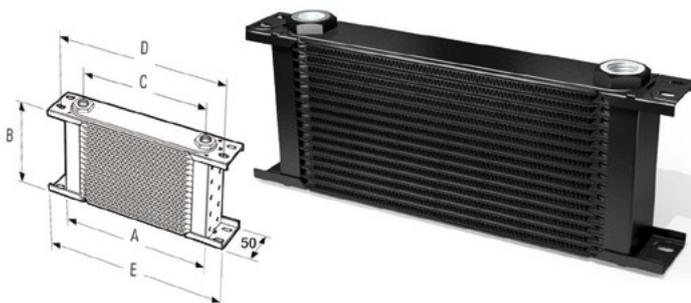
COOL  
ING  
SYSTEMS

**Setrab**  
**ProLine STD Half width**

Pro Line STD Half Width, 210 mm.

**Technical Specifications**

**Working Pressure:** 0-10 bar(g) dynamic  
**Pressure Pulsation Endurance:** 200k pulsations, 0-10 bar(g), 2 Hz, 60°C oil temp  
**Max Pressure:** 12 bar(g)  
**Burst Pressure:** 37 bar(g)  
**Pressure Test:** 10 bar(g)  
**Leak Test:** 4 bar(g)  
**Working Temperature:** -40°C to 150°C  
**Corrosion Endurance:** 20 days according to SWAAT G85-94 A3  
**Inner Cleanliness:** ISO 4406 16/14  
**General Dimensional Tolerances:** ISO 2768-v  
**Material:** Aluminium alloys  
**Max Connection Tightening Torque:** 40 Nm



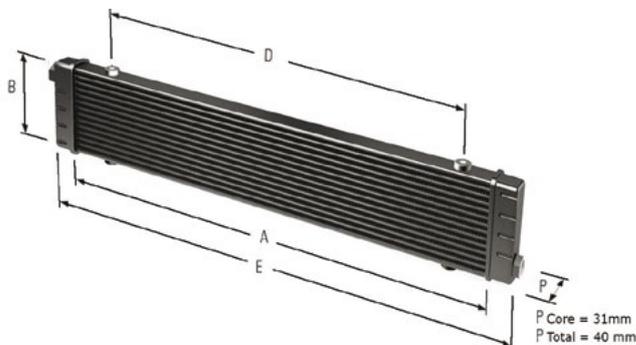
Code	Body width (A) mm	Height (B) mm	Connections distance (C) mm	Hole centers (D) mm	Total width (E) mm	Rows
<b>STD HALF WIDTH</b>						
50-107-7612	163	52,3 ±2	122	190	210	07
50-110-7612	163	76,0 ±2,5	122	190	210	10
50-113-7612	163	99,2 ±2,5	122	190	210	13
50-116-7612	163	121,9 ±3	122	190	210	16
50-119-7612	163	145,6 ±3	122	190	210	19
50-125-7612	163	193,0 ±3	122	190	210	25
50-150-7612	163	388,5 ±3	122	190	210	50
<b>STD FULL WIDTH</b>						
50-607-7612	283	52,3 ±2	242	310	330	07
50-610-7612	283	76,0 ±2,5	242	310	330	10
50-613-7612	283	99,2 ±2,5	242	310	330	13
50-616-7612	283	121,9 ±3	242	310	330	16
50-619-7612	283	145,6 ±3	242	310	330	19
50-625-7612	283	193,0 ±3	242	310	330	25
50-634-7612	283	263,6 ±3	242	310	330	34
50-640-7612	283	310,0 ±3	242	310	330	40
50-644-7612	283	342,0 ±3	242	310	330	44
50-650-7612	283	389,0 ±3	242	310	330	50
<b>STD EXTRA WIDTH</b>						
50-910-7612	358	76,0 ±2,5	317	385	405	10
50-913-7612	358	99,2 ±2,5	317	385	405	13
50-915-7612	358	115,0 ±2,5	317	385	405	15
50-919-7612	358	145,6 ±3	317	385	405	19
50-925-7612	358	193,0 ±3	317	385	405	25

**Setrab**  
**ProLine SLM**

For cooling transmission, rear axle, motorcycle, developed for applications with restricted packaging space. A high performance Slimline cooler, redesigned and strengthened for the automotive racing market.

**Technical Specifications**

**Working Pressure:**  
 6-row: 0-8 bar(g) dynamic  
 10-row: 0-8 bar(g) dynamic  
 14-row: 0-6 bar(g) dynamic  
**Pressure Pulsation Endurance**  
 6-row: 200k pulsations, 0-8 bar(g), 2 Hz, 60°C oil temp  
 10-row: 200k pulsations, 0-8 bar(g), 2 Hz, 60°C oil temp  
 14-row: 50k pulsations, 0-8 bar(g), 2 Hz, 60°C oil temp  
**Max Pressure:** 10 bar(g)  
**Burst Pressure:** 25 bar(g)  
**Pressure Test:**  
 6-row: 8 bar(g)  
 10-row: 8 bar(g)  
 14-row: 6 bar(g)  
**Leak Test:** 4 bar(g)  
**Working Temperature:** -40°C to 150°C  
**Corrosion Endurance:** 20 days according to SWAAT G85-94 A3  
**Inner Cleanliness:** ISO 4406 16/14  
**General Dimensional Tolerances:** ISO 2768-v  
**Material:** Aluminium alloys  
**Max Connection Tightening Torque:** 40 Nm



Code	Body width (A) mm	Height (B) mm	Connections distance (C) mm	Hole centers (D) mm	Total width (E) mm	Rows
53-10740	141	51 (core) - 63 (tot)	-	90 (M6)	204	06
53-10741	141	87 (core) - 99 (tot)	-	90 (M6)	211	10
53-10742	141	122 (core) - 136 (tot)	-	90 (M6)	211	14
53-10743	250	51 (core) - 63 (tot)	-	200 (M6)	313	06
53-10744	250	87 (core) - 101 (tot)	-	200 (M6)	320	10
53-10745	250	122 (core) - 136 (tot)	-	200 (M6)	320	14
53-10746	420	51 (core) - 65 (tot)	-	320 (M6)	483	06
53-10747	420	87 (core) - 101 (tot)	-	320 (M6)	490	10
53-10748	420	122 (core) - 136 (tot)	-	320 (M6)	490	14
53-10749	592	51 (core) - 65 (tot)	-	492 (M6)	655	06
53-10750	592	87 (core) - 101 (tot)	-	492 (M6)	662	10
53-10751	592	122 (core) - 136 (tot)	-	492 (M6)	662	14



OIL COOLER CONNECTIONS

**Setrab**  
Oil Cooler Connections

Thanks to the wide availability of optional adapters, supplied complete with o-ring, fillets output of the coolers can be varied at will.  
To use AN JIC/UNF fittings you will need to purchase x2 adaptors and x2 O-rings, per cooler.



Code	Type	Thread
22-09475-01	Adaptor	JIC 9/16 x 18
22-09476-01	Adaptor	JIC 3/4 x 16
22-09477-01	Adaptor	JIC 7/8 x 14
22-09478-01	Adaptor	JIC 1 1/16 x 12
22-09479-01	Adaptor	JIC 1 5/16 x 12
22-M22BJAN08-90	Swivel banjo	JIC 3/4 x 16
22-M22BJAN10-90	Swivel banjo	JIC 7/8 x 14
22-M22BJAN12-90	Swivel banjo	JIC 1 1/16 x 12
25-233	Oil seal	-

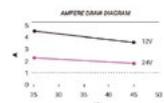
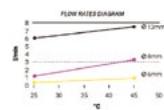
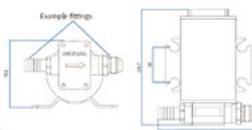
**MOCAL**  
Sandwich Plates

Sandwich Plates are sold with 2 female threads M22x1.5. They are available in 2 versions: with central connection for filter 3/4" UNF (AN8) or M20 x 1,50.



Code	Connection	Thread	Note
OTSP1F-M22	M20 x 1,5	M22 x 1,5	With thermostat
OTSP1-M22	3/4 UNF (AN8)	M22 x 1,5	With thermostat
SP100	3/4 UNF (AN8)	M22 x 1,5	Billet
SP100F	M20 x 1,5	M22 x 1,5	Billet
SP1F-M22	M20 x 1,5	M22 x 1,5	Standard
SP1-M22	3/4 UNF (AN8)	M22 x 1,5	Standard

OIL PUMPS



**MOCAL**  
Oil Pumps

This is a self priming, compact gear pump which is suitable for transmission or differential cooling and turbo oiling applications. The brass pump body with bronze gears is ideal for pumping a variety of viscosity oils, although for transmissions, operate only when oil has reached a minimum of 70°C, as it will not pump cold oil or fluids above 350 cSt viscosity. We recommend a 240 micron filter be fitted on the inlet, details of which can be found in the specsheet.

- Flow 0.3 - 7.5 litres per minute/ 30psi max rating
- 150°C temp rating
- Bronze pump body with helical bronze gears and a stainless steel shaft.
- Self priming\* 1.5 metre (\* gears must be wet)
- Motor power 90 W
- Sealed waterproof motor body (Meets IP-67 sepcification)
- 3/8" BSP ports
- 12 volt DC, (24 volt available) (7.5 amp fuse recommended)
- Dimensions - 132mm x 111mm x 77mm
- Weight 1.4kg
- Rubber-isolated mounting bracket and feet

WARNING: Do not use to pump flammable liquids, gasoline, kerosene fuel oil, or fluids with a flash point below 37°C. Do not use in an explosive environment.

Codice	Weight	Voltage	Max temperature	Operating Temperature	Max current	Flow rate	Max pressure
EOP2	1,4 Kg	12 V	150 °C	130 °C	7,5 A	0.3 - 7.5 l/min	30 PSI / 2 Bar

Updates on the website



Can't find some news?  
Look for them on [www.giefferacing.com](http://www.giefferacing.com).

Subscribe to the newsletter to be informed about news and not miss our offers!



**MOCAL**  
Oil pump repairing kits

Code	Fitting pump
OPP6B	Mocal TCP1

OIL/WATER HEAT EXCHANGERS



General Information

The Laminova heat exchangers are available in different length and diameters and with or without restrictor for the coolant flow. The cooling performance increases with the length and diameter of the cooler

Specific information

Core diameter 43 mm. Available in 92, 182 and 332 mm length.

Guideline:

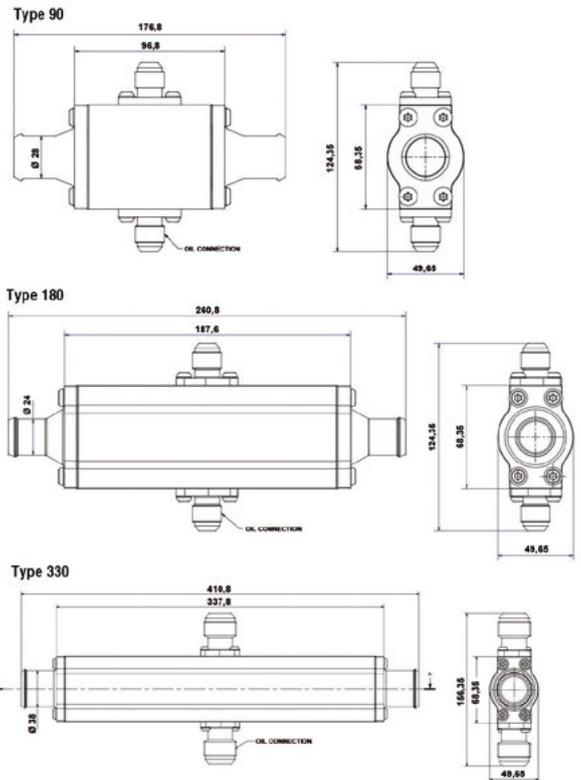
Coolant flowrates > 80 l/min: No restrictor is normally needed.

Coolant flowrates < 80 l/min: A plug or a restrictor can be used.



Code	Body type	Oil connection	Water connection Ø
C43-18076-M16	180	-06	16 mm
C43-18076-M18	180	-06	18 mm
C43-18076-M28	180	-06	28 mm
C43-18076-M32	180	-06	32 mm
C43-18076-M35	180	-06	35 mm
C43-18076-M38	180	-06	38 mm
C43-18076-M45	180	-06	45 mm
C43-18078-M16	180	-08	16 mm
C43-18078-M18	180	-08	18 mm
C43-18078-M28	180	-08	28 mm
C43-18078-M32	180	-08	32 mm
C43-18078-M35	180	-08	35 mm
C43-18078-M38	180	-08	38 mm
C43-18078-M45	180	-08	45 mm
C43-180710-M16	180	-10	16 mm
C43-180710-M18	180	-10	18 mm
C43-180710-M28	180	-10	28 mm
C43-180710-M32	180	-10	32 mm
C43-180710-M38	180	-10	38 mm
C43-180710-M45	180	-10	45 mm
C43-180712-M18	180	-12	18 mm
C43-180712-M28	180	-12	28 mm
C43-180712-M32	180	-12	32 mm
C43-180712-M35	180	-12	35 mm
C43-180712-M38	180	-12	38 mm
C43-180712-M45	180	-12	45 mm
C43-180716-M16	180	-16	16 mm
C43-180716-M18	180	-16	18 mm
C43-180716-M28	180	-16	28 mm
C43-180716-M32	180	-16	32 mm
C43-180716-M38	180	-16	38 mm
C43-180716-M45	180	-16	45 mm
C43-33076-M16	330	-06	16 mm
C43-33076-M18	330	-06	18 mm
C43-33076-M28	330	-06	28 mm
C43-33076-M32	330	-06	32 mm
C43-33076-M38	330	-06	38 mm
C43-33076-M45	330	-06	45 mm
C43-33078-M32	330	-08	32 mm
C43-33078-M38	330	-08	38 mm
C43-330710-M16	330	-10	16 mm
C43-330710-M18	330	-10	18 mm
C43-330710-M32	330	-10	32 mm
C43-330710-M35	330	-10	35 mm
C43-330710-M38	330	-10	38 mm
C43-330710-M45	330	-10	45 mm
C43-330712-M18	330	-12	18 mm

Code	Body type	Oil connection	Water connection Ø
C43-330712-M28	330	-12	28 mm
C43-330712-M32	330	-12	32 mm
C43-330712-M35	330	-12	35 mm
C43-330712-M38	330	-12	38 mm
C43-330712-M45	330	-12	45 mm
C43-330716-M32	330	-16	32 mm
C43-330716-M35	330	-16	35 mm
C43-330716-M38	330	-16	38 mm
C43-330716-M45	330	-16	45 mm
C43-9076-M16	90	-06	16 mm
C43-9076-M18	90	-06	18 mm
C43-9076-M28	90	-06	28 mm
C43-9076-M32	90	-06	32 mm
C43-9076-M35	90	-06	35 mm
C43-9076-M38	90	-06	38 mm
C43-9076-M45	90	-06	45 mm
C43-9078-M16	90	-08	18 mm
C43-9078-M18	90	-08	18 mm
C43-9078-M28	90	-08	28 mm
C43-9078-M32	90	-08	32 mm
C43-9078-M38	90	-08	38 mm
C43-90710-M18	90	-10	18 mm
C43-90710-M28	90	-10	28 mm
C43-90710-M32	90	-10	32 mm
C43-90710-M38	90	-10	38 mm
C43-90712-M16	90	-12	16 mm
C43-90712-M18	90	-12	18 mm
C43-90712-M28	90	-12	28 mm
C43-90712-M32	90	-12	32 mm
C43-90712-M38	90	-12	38 mm
C43-90716-M32	90	-16	32 mm



Code	Description
LSK1	Laminova C43 standard service kit

Code	Description
7711156203	Laminova service kit for Renault



Model with a larger capacity (115 liters per minute) for vehicles with high-performance and 4WD engines that require greater cooling.  
 Kit contents:  
 - EWP115 pump (1 pc)  
 - 8515 Wiring harness (1 pc)  
 - 8510 Sleeve 3mm rubber adaptors (2 pcs)  
 - 8512 Hose clamps (2 pcs)  
 - 8525 Assorted hardware bag (1 pc)  
 - 0533 Relay (1 pc)  
 not included: 8505 - 90° hose adaptor (optional)

Code	Max Flow rate	Material	Voltage	Max current	Operating Temperature	Weight	Max pressure	Fits hose sizes	Motor life	EWP Fan Digital controller
EWP115	115 l/min at 13V DC	Nylon66 30% Glass filled	3V - 15V DC	10A	-40 °C / +130 °C	980 g	500 kPa (72,5 PSI)	32 - 51 mm	3000 h continuous at 80°C 12V DC 7000 h with EWP Fan digital controller	No



Aluminum model with a capacity of 115 liters per minute, for vehicles with high-performance and 4WD engines that require greater cooling.  
 Kit contents:  
 - EWP115 alloy pump (1 pc)  
 - 8515 Wiring harness (1 pc)  
 - 8510 Sleeve 3mm rubber adaptors (2 pcs)  
 - 8512 Hose clamps (2 pcs)  
 - 8525 Assorted hardware bag (1 pc)  
 - 0533 Relay (1 pc)  
 not included: 8505 - 90° hose adaptor (optional)

Code	Max Flow rate	Material	Voltage	Max current	Operating Temperature	Weight	Max pressure	Fits hose sizes	Motor life	EWP Fan Digital controller
EWP8040	115 l/min at 13V DC	Aluminium	3V - 15V DC	10A	-40 °C / +130 °C	980 g	500 kPa (72,5 PSI)	38 - 51 mm	3000 h continuous at 80°C 12V DC 7000 h with EWP Fan digital controller	No



Model with capacity of 115 liters per minute, with integrated Digital Controller; for vehicles with high-performance and 4WD engines that require greater cooling.  
 Kit contents:  
 - EWP115 pump (1 pc)  
 - 8515 Wiring harness (1 pc)  
 - 8510 Sleeve 3mm rubber adaptors (2 pcs)  
 - 8512 Hose clamps (2 pcs)  
 - 8525 Assorted hardware bag (1 pc)  
 - 0533 Relay (1 pc)  
 - 8020 Controller combo kit (1 pc)  
 not included: 8505 - 90° hose adaptor (optional)

Code	Max Flow rate	Material	Voltage	Max current	Operating Temperature	Weight	Max pressure	Fits hose sizes	Motor life	EWP Fan Digital controller
EWP8030	115 l/min at 13V DC	Nylon66 30% Glass filled	3V - 15V DC	10A	-40 °C / +130 °C	980 g	500 kPa (72,5 PSI)	38 - 51 mm	3000 h continuous at 80°C 12V DC 7000 h with EWP Fan digital controller	Yes (EWP8060)



Standard model (90 liters per minute) for cars with capacity up to 5 litres  
 - EWP80 pump (Part 8106) (1 pc)  
 - 5x12 Flanged Hex Set Screw Zinc Silver (12 pcs)  
 - 35mm Nylon Flange Adapter 90° Elbow (1 pc)  
 - 35mm Nylon Flange Adapter Straight (1 pc)  
 - EWP Adapter O-Ring (2 pcs)  
 - Adapter Rubber Sleeve 3mm (1/8") (2 pcs)  
 - Hose Clamp (2 pcs)  
 - EWP Basic Wiring Loom (1 pc)  
 - Wire Joiner (1 pc)  
 - 6mm Ring Terminal (1 pc)  
 - Relay 12V 40 Amps (1 pc)  
 - Self Tap Screw (1 pc)  
 - Installation Instructions (1 pc)

Code	Max Flow rate	Material	Voltage	Max current	Operating Temperature	Weight	Max pressure	Fits hose sizes	Motor life	EWP Fan Digital controller
EWP8006	90 l/min at 0 kPa	Aluminium	12V DC (max 16V)	7,5A @ 13V	-40 °C / +120 °C	1100 g	500 kPa (72,52 PSI)	32 - 50 mm	3000 h continuous at 80°C 12V DC - 6000 h with EWP Fan digital controller	No

WATER PUMPS



Model with capacity of 80 liters per minute, with integrated Digital Controller; for cars with capacity up to 5 litres

- EWP80 pump (1 pc)
- 8307 EWP Straight Adaptor 35mm (1 pc)
- 8309 EWP L-Adaptors 35mm (1 pc)
- 8509 EWP Adaptor O-Ring (2 pcs)
- 8515 EWP Basic Pump Loom (1 pc)
- 8510 EWP Sleeve 3mm (2 pcs)
- 8512 Hose Clamp (2 pcs)
- 8908 EWP80 Hardware Bag (1 pc)
- 0533 Relay (1 pc)
- 8020 Controller combo kit (1 pc)

Code	Max Flow rate	Material	Voltage	Max current	Operating Temperature	Weight	Max pressure	Fits hose sizes	Motor life	EWP Fan Digital controller
EWP8007	80 l/min at 13.5V DC	Nylon66 30% Glass filled	3V - 15V DC	7.5A	-20 °C / +130 °C	900 g	350 kPa (50 PSI)	32 - 51 mm	3000 h continuous at 80°C 12V DC 6000 h with EWP Fan digital controller	Yes (EWP8060)



The world's first universal-fit, automotive Electric Water Pump goes one better with the EWP®150. Suitable for all makes and models – will excel on large six-cylinder engines, V8 engines, heavy duty 4WDs and most engines over 400 HP.

Kit contents:

- 1x EWP®150 alloy
- 1x EWP® Basic wiring harness
- 2x Hose clamps
- 1x RED - Wire joiner
- 1x RED - 6mm ring terminal
- 1x RELAY - 12V 40 Amp 5 Pin W/- resistor protection
- 1x SCREW - SELF TAP 8X3/8 BZ

Code	Max Flow rate	Material	Voltage	Max current	Operating Temperature	Weight	Max pressure	Fits hose sizes	Motor life	EWP Fan Digital controller
EWP8060	162 l/min at 13V DC	Aluminium	3V - 15V DC	10A	-40 °C / +120 °C	1170 g	500 kPa (72.5 PSI)	38 - 51 mm	3000 h continuous at 80°C 12V DC - 7000 h with EWP Fan digital controller	No

OTHER COMPONENTS

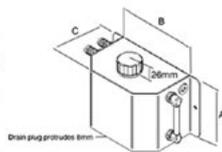


Oil and oil vapour from the engine breather pipes are usually fed back into the intake system to be burned off. On a performance or race car this is not ideal as tuned engines can produce more vapour which could diminish performance. The solution to this is to fit an oil catch tank... These high quality alloy catch tanks from Mocal are designed to be fitted to the inner wing or bulkhead and have 2 x 13mm (1/2") outlets to connect the engine breather pipes to. The special cap allows the tank to breathe without oil bypassing and a sight gauge (not included) on the side lets you know when it's time to empty the tank via the drain plug in the bottom.

For ease of fitment, the tank inlets can be fitted to either side of the tank with the use of the supplied blanking plugs. Available in 1, 2 or 3 litre capacities and in a range of finishes.

Dimensions -

- 1 Litre : 115mm high, 132mm wide (inc flange), 88mm deep
- 2 Litre : 220mm high, 132mm wide (inc flange), 88mm deep
- 3 Litre : 235mm high, 154mm wide (inc flange), 104mm deep



Code	Capacity	Colour	Material	Dimensions A-B-C
CT3	1 L	Aluminium	Brushed aluminium	115x132x88 mm
CT3BLUE	1 L	Blue	Anodized aluminium	115x132x88 mm
CT3C	1 L	Chrome	Aluminium	115x132x88 mm
CT3GOLD	1 L	Gold	Anodized aluminium	115x132x88 mm
CT3BLACK	1 L	Powder black	Aluminium	115x132x88 mm
CT3RED	1 L	Red	Anodized aluminium	115x132x88 mm
CT2	2 L	Aluminium	Brushed aluminium	220x132x88 mm
CT2BLUE	2 L	Blue	Anodized aluminium	220x132x88 mm
CT2C	2 L	Chrome	Aluminium	220x132x88 mm
CT2GOLD	2 L	Gold	Anodized aluminium	220x132x88 mm

follows

Code	Capacity	Colour	Material	Dimensions A-B-C
CT2BLACK	2 L	Powder black	Aluminium	220x132x88 mm
CT2RED	2 L	Red	Anodized aluminium	220x132x88 mm
CT8	3 L	Aluminium	Brushed aluminium	235x154x104 mm
CT8BLUE	3 L	Blue	Anodized aluminium	235x154x104 mm
CT8BLACK	3 L	Powder black	Aluminium	235x154x104 mm
CT8RED	3 L	Red	Anodized aluminium	235x154x104 mm



MotoRad radiator caps are designed for the cooling systems of racing cars. They are available with three levels of resistance to pressure.

Code	Pressure	Type
MRD500	38-42 PSI	vintage hexagonal
MRD501	28-32 PSI	vintage hexagonal
MRD502	21-25 PSI	vintage hexagonal
MRD503	18-22 PSI	vintage hexagonal
MRD506	18-22 PSI	vintage round
MRD507	21-25 PSI	vintage round
MRD508	28-32 PSI	vintage round
MRD509	18-22 PSI	vintage round + safety lever
MRD510	21-25 PSI	vintage round + safety lever
T20	18-22 PSI	Standard
T22	20-22 PSI	Standard
T45	28-32 PSI	Standard



Radiator cap collars are made of light alloy HE 30. FN-001 with removable outlet

Code	Scope	Outlet Diameter
FN-001	Cars	8 mm