



TIKKOS RACING

# Q-CATS CATALOGUE

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Ceramic & Metallic Catalytic Converters  
Direct Fit Converters  
Metallic Catalytic Substrates  
Diesel Oxidation Catalyst - DOC  
HJS Metallic Catalytic Substrates  
Diesel Particulate Filters - DPF  
Performance Catalytic Converters  
Cones - Cel-Fix Adaptors

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[www.tikkosracing.com](http://www.tikkosracing.com)



QCAT  
QUALITY CATALYST

# HIGH LOADING UNIVERSAL CATALYTIC CONVERTERS



## CERAMIC CATALYTIC CONVERTERS

### EURO 2

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#### LFC200

Inlet Pipe Diameter= 50mm  
Body Dimensions = 150x95mm  
Length without ending tubes = 280mm  
Ceramic Substrate Euro2 **High Loading**  
400cps / For engines up to 2.0 L



#### LFC201

Inlet Pipe Diameter= 50mm  
Body Diameter= 101mm  
Length without ending tubes = 220mm  
Ceramic Substrate Euro2 **High Loading**  
400cps / For engines up to 1.6 L



#### LFC202

Inlet Pipe Diameter= 60mm  
Body Dimensions= 180x110mm  
Length without ending tubes = 360mm  
Ceramic Substrate Euro2 **High Loading**  
400cps / For engines up to 4.0 L



#### LFC203

Inlet Pipe Diameter= 60mm  
Body Diameter= 130mm  
Length without ending tubes = 230mm  
Ceramic Substrate Euro2 **High Loading**  
400cps / For engines up to 3.0 L



#### LFC204

Inlet Pipe Diameter= 54mm  
Body Diameter= 114mm  
Length without ending tubes = 220mm  
Ceramic Substrate Euro2 **High Loading**  
400cps / For engines up to 2.0 L

## EURO 3



**LFC300**  
 Inlet Pipe Diameter= 50mm  
 Body Dimensions= 150x95mm  
 Length without ending tubes= 280mm  
 Ceramic Substrate Euro3 **High Loading**  
 400cps / For engines up to 2.0 L



**LFC301**  
 Inlet Pipe Diameter= 50mm  
 Body Diameter= 101mm  
 Length without ending tubes= 220mm  
 Ceramic Substrate Euro3 **High Loading**  
 400cps / For engines up to 1.6 L



**LFC302**  
 Inlet Pipe Diameter= 60mm  
 Body Dimensions= 180x110mm  
 Length without ending tubes= 360mm  
 Ceramic Substrate Euro3 **High Loading**  
 400cps / For engines up to 4.0 L



**LFC303**  
 Inlet Pipe Diameter= 60mm  
 Body Diameter= 130mm  
 Length without ending tubes = 230mm  
 Ceramic Substrate Euro3 **High Loading**  
 400cps / For engines up to 3.0 L



**LFC304**  
 Inlet Pipe Diameter= 54mm  
 Body Diameter= 114mm  
 Length without ending tubes = 220mm  
 Ceramic Substrate Euro3 **High Loading**  
 400cps / For engines up to 2.0 L

## EURO 4



**LFC400**  
 Inlet Pipe Diameter= 50mm  
 Body Dimensions= 150x95mm  
 Length without ending tubes= 280mm  
 Ceramic Substrate Euro4 **High Loading**  
 400cps / For engines up to 2.0 L



**LFC401**  
 Inlet Pipe Diameter= 50mm  
 Body Diameter= 101mm  
 Length without ending tubes= 220mm  
 Ceramic Substrate Euro4 **High Loading**  
 400cps / For engines up to 1.6 L



**LFC402**  
 Inlet Pipe Diameter= 60mm  
 Body Dimensions= 180x110mm  
 Length without ending tubes= 360mm  
 Ceramic Substrate Euro4 **High Loading**  
 400cps / For engines up to 4.0 L



**LFC403**  
 Inlet Pipe Diameter= 60mm  
 Body Diameter= 130mm  
 Length without ending tubes = 230mm  
 Ceramic Substrate Euro4 **High Loading**  
 400cps / For engines up to 3.0 L



**LFC404**  
 Inlet Pipe Diameter= 54mm  
 Body Diameter= 114mm  
 Length without ending tubes = 220mm  
 Ceramic Substrate Euro4 **High Loading**  
 400cps / For engines up to 2.0 L



**LFC410**  
 Inlet Pipe Diameter= 50mm  
 Body Diameter= 101mm  
 Length without ending tubes = 290mm  
 Ceramic Substrate Euro4 **High Loading**  
 400cps / For engines up to 2.0 L

## EURO 5



**LFC500**  
 Inlet Pipe Diameter= 50mm  
 Body Dimensions= 150x95mm  
 Length without ending tubes= 280mm  
 Ceramic Substrate Euro5 **High Loading**  
 400cps / For engines up to 2.0 L



**LFC501**  
 Inlet Pipe Diameter= 50mm  
 Body Diameter= 101mm  
 Length without ending tubes= 220mm  
 Ceramic Substrate Euro5 **High Loading**  
 400cps / For engines up to 1.6 L



**LFC502**  
 Inlet Pipe Diameter= 60mm  
 Body Dimensions= 180x110mm  
 Length without ending tubes= 360mm  
 Ceramic Substrate Euro5 **High Loading**  
 400cps / For engines up to 4.0 L



**LFC503**  
 Inlet Pipe Diameter= 60mm  
 Body Diameter= 130mm  
 Length without ending tubes = 230mm  
 Ceramic Substrate Euro5 **High Loading**  
 400cps / For engines up to 3.0 L



**LFC504**  
 Inlet Pipe Diameter= 54mm  
 Body Diameter= 114mm  
 Length without ending tubes = 220mm  
 Ceramic Substrate Euro5 **High Loading**  
 400cps / For engines up to 2.0 L

## EURO 6



**LFC600**  
 Inlet Pipe Diameter= 50mm  
 Body Dimensions= 150x95mm  
 Length without ending tubes= 280mm  
 Ceramic Substrate Euro6 **High Loading**  
 400cps / For engines up to 2.0 L



**LFC601**  
 Inlet Pipe Diameter= 50mm  
 Body Diameter= 101mm  
 Length without ending tubes= 220mm  
 Ceramic Substrate Euro6 **High Loading**  
 400cps / For engines up to 1.6 L



**LFC602**  
 Inlet Pipe Diameter= 60mm  
 Body Dimensions= 180x110mm  
 Length without ending tubes= 360mm  
 Ceramic Substrate Euro6 **High Loading**  
 400cps / For engines up to 4.0 L



**LFC603**  
 Inlet Pipe Diameter= 60mm  
 Body Diameter= 130mm  
 Length without ending tubes = 230mm  
 Ceramic Substrate Euro6 **High Loading**  
 400cps / For engines up to 3.0 L



**LFC604**  
 Inlet Pipe Diameter= 54mm  
 Body Diameter= 114mm  
 Length without ending tubes = 220mm  
 Ceramic Substrate Euro6 **High Loading**  
 400cps / For engines up to 2.0 L

# METALLIC CATALYTIC CONVERTERS

S-type Cell design substrate with 3 centers for Maximum performance and durability:

- High durability and strength
- Three winding centres as centroid
- 400cpsi



## EURO 3



### CAT20

Inlet Pipe Diameter = 54mm  
Body Diameter= 101mm  
Body Length without ending tubes= 200mm  
Metallic Substrate Euro3 / 400cpsi  
**High Loading** - For engines up to 1.6 L



### CAT21

Inlet Pipe Diameter= 54mm  
Body Diameter= 114mm  
Body Length without ending tubes= 210mm  
Metallic Substrate Euro3 / 400cpsi  
**High Loading** - For engines up to 2.0 L



### CAT24

Inlet Pipe Diameter= 60mm  
Body Diameter= 130mm  
Body Length without ending tubes= 220mm  
Metallic Substrate Euro3 / 400cpsi  
**High Loading** - For engines up to 3.0 L

## EURO 4



### CAT20-4

Inlet Pipe Diameter = 54mm  
Body Diameter= 101mm  
Body Length without ending tubes= 200mm  
Metallic Substrate Euro4 / 400cpsi  
**High Loading** - For engines up to 1.6 L



### CAT21-4

Inlet Pipe Diameter= 54mm  
Body Diameter= 114mm  
Body Length without ending tubes= 210mm  
Metallic Substrate Euro4 / 400cpsi  
**High Loading** - For engines up to 2.0 L



### CAT24-4

Inlet Pipe Diameter= 60mm  
Body Diameter= 130mm  
Body Length without ending tubes= 220mm  
Metallic Substrate Euro4 / 400cpsi  
**High Loading** - For engines up to 3.0 L

## EURO 5



### CAT20-5

Inlet Pipe Diameter = 54mm  
Body Diameter= 101mm  
Body Length without ending tubes= 200mm  
Metallic Substrate Euro5 / 400cpsi  
**High Loading** - For engines up to 1.6 L



### CAT21-5

Inlet Pipe Diameter= 54mm  
Body Diameter= 114mm  
Body Length without ending tubes= 210mm  
Metallic Substrate Euro5 / 400cpsi  
**High Loading** - For engines up to 2.0 L



### CAT24-5

Inlet Pipe Diameter= 60mm  
Body Diameter= 130mm  
Body Length without ending tubes= 220mm  
Metallic Substrate Euro5 / 400cpsi  
**High Loading** - For engines up to 3.0 L

## EURO 3



### CAT907M

Inlet Pipe Diameter= 2xOD $\Phi$ 54mm  
Outlet Pipe Diameter= 2xOD $\Phi$ 54mm  
Body Dimensions= 180x115mm  
Body Length without ending tubes= 300mm  
Metallic Substrate Euro3 / 200cpsi  
For engines up to 4.0 L  
**Suitable for BMW & MERCEDES**



### CAT908M

Inlet Pipe Diameter= OD $\Phi$ 64mm  
Outlet Pipe Diameter= 2xOD $\Phi$ 60mm  
Body Dimensions= 180x115mm  
Body Length without ending tubes= 340mm  
Metallic Substrate Euro3 / 200cpsi  
For engines up to 3.0 L  
**Suitable for BMW & MERCEDES**

## EURO 4



### CM400

Inlet Pipe Diameter= 50mm  
Body Dimensions= 150x95mm  
Body Length without ending tubes= 280mm  
Metallic Substrate Euro4 **High Loading**  
400cpsi / For engines up to 2.0 L



### CM402

Inlet Pipe Diameter= 60mm  
Body Dimensions= 180x110mm  
Body Length without ending tubes= 360mm  
Metallic Substrate Euro4 **High Loading**  
400cpsi / For engines up to 4.0 L



### LFC-BM

Inlet Pipe Diameter= 60mm  
Body Dimensions= 180x100mm  
Body Length without ending tubes= 320mm  
Metallic Substrate Euro4 / **High Loading**  
400cpsi / For engines up to 3.0 L  
**Suitable for BMW & MERCEDES**



**186088**  
Metallic substrate - Euro4 400cps  
AUDI A4/A6 1.8T 20v '97-'01  
VW Passat III 1.8T 20v 99-  
With CEL-Fix adaptor



**1091522**  
Smart ForTwo 450 Pure/Pulse/Passion  
0.6L-0.7L turbo Coupe/Cabrio '98-'07  
with Catalytic converter / **100% S/Steel 409**  
**103R** approved / Upgraded with Flex pipe



**1091668**  
Smart ForTwo 451 1.0i 12v Coupe/Cabrio '07-'10  
Smart ForTwo 451 1.0i Turbo Coupe/Cabrio '07-'10  
with Catalytic converter / **100% S/Steel 409**



**20.806T**  
Exhaust Muffler for SMART ForTwo/ForFour 0.9/1.0 '14-  
OEM no: **4534900110, 4534903500, 200205174R,**  
**4534900210, 4534900000, 4534902400**



**44.700P**  
Exhaust Muffler for SMART ForTwo 1.0 '08-'15  
OEM no: **A1324900015**

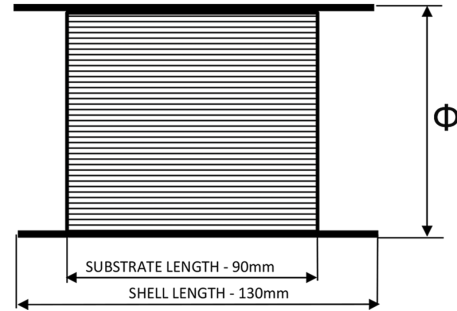
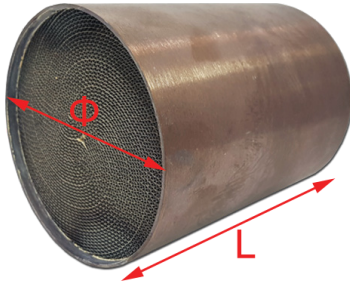
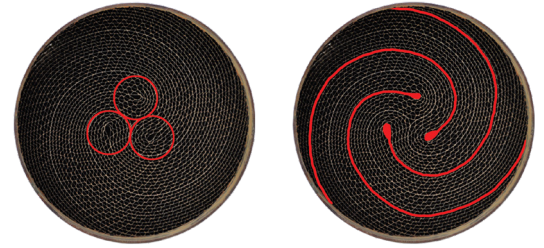


**TY6095TF**  
Catalyst for Toyota Prius 1.5i 16v 1NZ-FXE '03-'10  
OEM no: **1741021490**

**...MORE THAN 350 DIFFERENT MODELS OF DIRECT-FIT CATALYTIC CONVERTERS IN STOCK...PLEASE CONTACT US FOR MORE INFO**

**S**-type Cell design substrate with 3 centers for Maximum performance and durability:

- High durability and strength
- Three winding centres as centroid
- High loading of precious metals
- 200cps can be used for tuning purposes



## EURO 4

### 200cps

- 761324** φ76 L=130 Euro4 200cps
- 901324** φ90 L=130 Euro4 200cps
- 101324** φ100 L=130 Euro4 200cps
- 111324** φ110 L=130 Euro4 200cps
- 121324** φ120 L=130 Euro4 200cps
- 131324** φ130 L=130 Euro4 200cps
- 141324** φ140 L=130 Euro4 200cps
- 151324** φ150 L=130 Euro4 200cps

### 400cps

- 761344** φ76 L=130 Euro4 400cps
- 901344** φ90 L=130 Euro4 400cps
- 101344** φ100 L=130 Euro4 400cps
- 111344** φ110 L=130 Euro4 400cps
- 121344** φ120 L=130 Euro4 400cps
- 131344** φ130 L=130 Euro4 400cps
- 141344** φ140 L=130 Euro4 400cps
- 151344** φ150 L=130 Euro4 400cps
- SUB163113** Oval 163x113 L=115 Euro4 400cps

## EURO 5

### 200cps

- 761325** φ76 L=130 Euro5 200cps
- 901325** φ90 L=130 Euro5 200cps
- 101325** φ100 L=130 Euro5 200cps
- 111325** φ110 L=130 Euro5 200cps
- 121325** φ120 L=130 Euro5 200cps
- 131325** φ130 L=130 Euro5 200cps
- 141325** φ140 L=130 Euro5 200cps
- 151325** φ150 L=130 Euro5 200cps

### 400cps

- 757045** φ75 L=70 Euro5 400cps **New!!**
- 761345** φ76 L=130 Euro5 400cps
- 851345** φ85 L=130 Euro5 400cps
- 907045** φ90 L=70 Euro5 400cps
- 901345** φ90 L=130 Euro5 400cps
- 951345** φ95 L=130 Euro5 400cps
- 107045** φ100 L=70 Euro5 400cps
- 108545** φ100 L=85 Euro5 400cps
- 1058545** φ105 L=85 Euro5 400cps **New!!**
- 101345** φ100 L=130 Euro5 400cps
- 101345** φ100 L=130 Euro5 400cps
- 117545** φ110 L=75 Euro5 400cps **New!!**

- 1051345** φ105 L=130 Euro5 400cps
- 111345** φ110 L=130 Euro5 400cps
- 1151345** φ115 L=130 Euro5 400cps
- 121345** φ120 L=130 Euro5 400cps
- 1257045** φ125 L=70 Euro5 400cps
- 1251345** φ125 L=130 Euro5 400cps
- 131345** φ130 L=130 Euro5 400cps
- 141345** φ140 L=130 Euro5 400cps
- 151345** φ150 L=130 Euro5 400cps
- SUB12790** Oval 127x90 L=130 Euro5 400cps
- SUB151100** Oval 151x100 L=100 Euro5 400cps



### High Loading Substrates

New practical design.  
The shell can be easily  
trimmed from 130mm down  
to 95mm

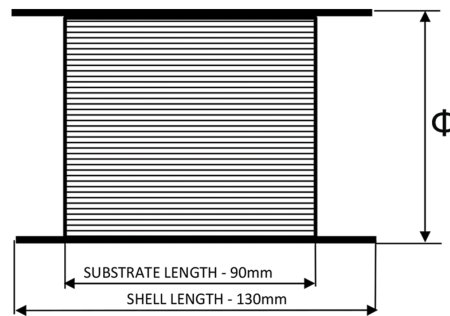
**EURO 6**

**200cps**

- New!! 426026**  $\phi$ 42 L=60 Euro6 200cps
- New!! 446026**  $\phi$ 44 L=60 Euro6 200cps
- 477026**  $\phi$ 47 L=70 Euro6 200cps
- 501326**  $\phi$ 50 L=130 Euro6 200cps
- 601326**  $\phi$ 60 L=130 Euro6 200cps
- 761326**  $\phi$ 76 L=130 Euro6 200cps
- 901326**  $\phi$ 90 L=130 Euro6 200cps
- 101326**  $\phi$ 100 L=130 Euro6 200cps
- 111326**  $\phi$ 110 L=130 Euro6 200cps
- 121326**  $\phi$ 120 L=130 Euro6 200cps
- 131326**  $\phi$ 130 L=130 Euro6 200cps
- 141326**  $\phi$ 140 L=130 Euro6 200cps
- New!! 1431226**  $\phi$ 143 L=120 Euro6 200cps
- 151326**  $\phi$ 150 L=130 Euro6 200cps

**400cps**

- 761346**  $\phi$ 76 L=130 Euro6 400cps
- 851346**  $\phi$ 85 L=130 Euro6 400cps
- 901346**  $\phi$ 90 L=130 Euro6 400cps
- New!! 958546**  $\phi$ 95 L=85 Euro6 400cps
- 951346**  $\phi$ 95 L=130 Euro6 400cps
- 107046**  $\phi$ 100 L=70 Euro6 400cps
- 108546**  $\phi$ 100 L=85 Euro6 400cps
- 101346**  $\phi$ 100 L=130 Euro6 400cps
- 1051346**  $\phi$ 105 L=130 Euro6 400cps
- 111346**  $\phi$ 110 L=130 Euro6 400cps
- 1157046**  $\phi$ 115 L=70 Euro6 400cps
- 1151346**  $\phi$ 115 L=130 Euro6 400cps
- New!! 126046**  $\phi$ 120 L=60 Euro6 400cps
- 121346**  $\phi$ 120 L=130 Euro6 400cps
- 1251346**  $\phi$ 125 L=130 Euro6 400cps
- New!! 137546**  $\phi$ 130 L=75 Euro6 400cps
- 131346**  $\phi$ 130 L=130 Euro6 400cps
- 141346**  $\phi$ 140 L=130 Euro6 400cps
- 151346**  $\phi$ 150 L=130 Euro6 400cps



**New practical design.**  
The shell can be easily trimmed from 130mm down to 95mm

**MOTORSPORT**

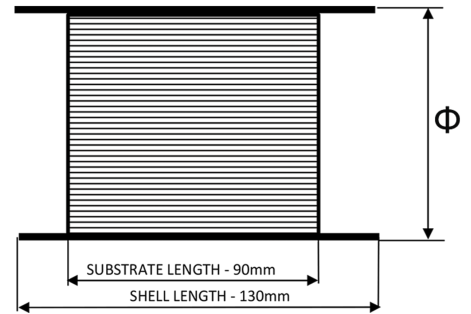
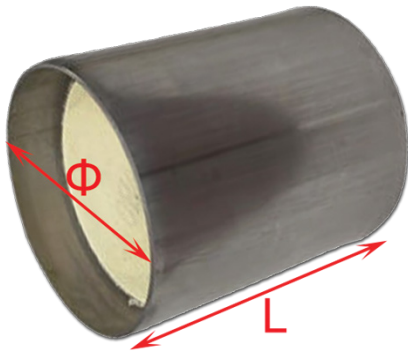
**100cps**

- 7613100**  $\phi$ 76 L=130 100cps
- 9013100**  $\phi$ 90 L=130 100cps
- 1013100**  $\phi$ 100 L=130 100cps
- 1113100**  $\phi$ 110 L=130 100cps
- 1213100**  $\phi$ 120 L=130 100cps
- 1313100**  $\phi$ 130 L=130 100cps
- 1413100**  $\phi$ 140 L=130 100cps
- 1513100**  $\phi$ 150 L=130 100cps



**High Loading Substrates**

**New practical design.**  
The shell can be easily trimmed from 130mm down to 95mm



**New practical design.**  
The shell can be easily  
trimmed from 130mm down  
to 95mm

### Ceramic Diesel Oxidation Substrates

#### 400cpsi

- DOC100**  $\phi$ 100 L=130 DOC 400cpsi
- DOC110**  $\phi$ 110 L=130 DOC 400cpsi
- DOC120**  $\phi$ 120 L=130 DOC 400cpsi
- DOC130**  $\phi$ 130 L=130 DOC 400cpsi
- DOC140**  $\phi$ 140 L=130 DOC 400cpsi
- DOC144**  $\phi$ 144 L=130 DOC 400cpsi
- DOC154**  $\phi$ 154 L=130 DOC 400cpsi

### Metallic Diesel Oxidation Substrates

#### 400cpsi

- DOC13580**  $\phi$ 135 L=80 DOC 400cpsi
- DOC14880**  $\phi$ 148 L=80 DOC 400cpsi
- DOC151100** OVAL 151x100 L=100 DOC 400cpsi
- DOC15480**  $\phi$ 154 L=80 DOC 400cpsi

### Metallic Diesel Oxidation Catalysts



#### **DOC105R**

Inlet Pipe Diameter= 63.5mm  
Body Diameter= 101mm  
Total Length= 300mm  
Metallic Substrate **DOC Loading**  
200cpsi / Designed for Diesel performance road vehicles

### Ceramic Diesel Oxidation Catalysts



#### **DOC21**

Inlet Pipe Diameter= 60mm  
Body Diameter= 114mm  
Body Length without ending tubes= 200mm  
Ceramic Substrate **DOC Loading**  
400cpsi / For engines up to 2.5 L



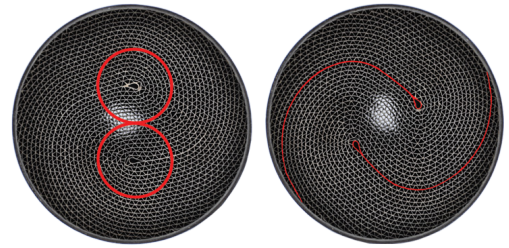
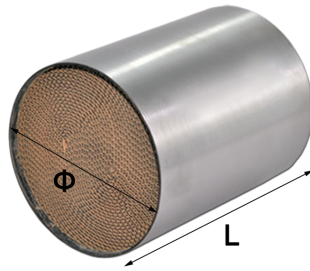
#### **DOC24**

Inlet Pipe Diameter= 64mm  
Body Diameter= 130mm  
Body Length without ending tubes= 210mm  
Ceramic Substrate **DOC Loading**  
400cpsi / For engines up to 4.0 L

# METALLIC CATALYTIC SUBSTRATE

**S**-type Cell design substrates with 2 centers for Maximum performance and durability:

- High durability and strength
- Two winding centres as centroid
- High loading of precious metals / Premium Quality
- 200cps can be used for tuning purposes



## EURO 4



**SUB40**  
Diameter= 100mm  
Length= 130mm  
Euro4 / 200cps (Cells)  
High Loading / Premium Quality



**SUB41**  
Diameter= 110mm  
Length= 130mm  
Euro4 / 200cps (Cells)  
High Loading / Premium Quality



**SUB42**  
Diameter= 120mm  
Length= 130mm  
Euro4 / 200cps (Cells)  
High Loading / Premium Quality



**SUB43**  
Diameter= 130mm  
Length= 130mm  
Euro4 / 200cps (Cells)  
High Loading / Premium Quality

## EURO 5



**SUB50**  
Diameter= 100mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality



**SUB51**  
Diameter= 110mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality



**SUB52**  
Diameter= 120mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality



**SUB53**  
Diameter= 130mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality

## EURO 6



**SUB60**  
Diameter= 100mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality



**SUB61**  
Diameter= 110mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality



**SUB62**  
Diameter= 120mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality

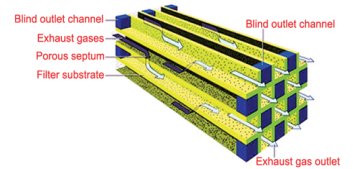


**SUB63**  
Diameter= 130mm  
Length= 130mm  
Euro6 / 200cps (Cells)  
High Loading / Premium Quality

# DIESEL PARTICULATE FILTERS

## CERAMIC CORDIERITE SUBSTRATES

A **Ceramic Cordierite Diesel Particulate Filter (DPF)** is an exhaust after-treatment device used in diesel engines to reduce particulate matter (soot) emissions. It is made from cordierite, a ceramic material composed mainly of magnesium, aluminium, and silica, valued for its low thermal expansion and good thermal shock resistance.



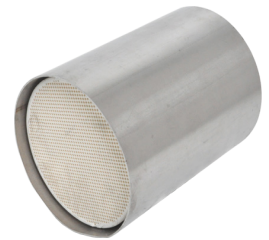
### DPFMAN018

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 152mm  
Total Length= 275mm  
**DPF Only**



### DPFMAN020

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 152mm  
Total Length= 290mm  
**DPF+CAT**



### DPFMAN022

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 127mm  
Total Length= 170mm  
**DPF Only**



### DPFMAN023

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 152mm  
Total Length= 200mm  
**DPF Only**



### DPFMAN024

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 200mm  
Total Length= 195mm  
**DPF Only**



### DPFMAN067

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 127mm  
Total Length= 260mm  
**DPF High Loading**



### DPFMAN076

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 152mm  
Total Length= 200mm  
**DPF Only**



### DPFMAN088

Universal Diesel Particulate Filter  
Ceramic Cordierite Substrate  
Body Diameter= 127mm  
Total Length= 400mm  
**DPF+CAT**

## DPF Recondition Steps

1. Choose the right size of DPF Substrate



2. Cut and replace the old DPF Substrate



# DIESEL PARTICULATE FILTERS

## Silicon Carbide (SiC)

SiC is a premium DPF material that enables high-efficiency filtration and reliable operation under extreme temperatures, making it ideal for modern emission control systems.

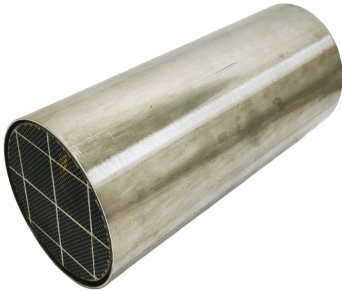
Why SiC is used:

High temperature resistance > Handles extreme heat during regeneration

High thermal conductivity > Distributes heat evenly, reducing hot spots

Low thermal expansion > Resists cracking under thermal stress

High strength & durability > Long service life



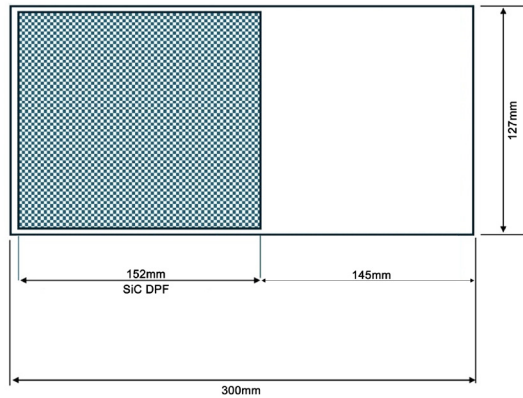
### DPFMAN038

Universal Diesel Particulate Filter

Body Diameter= 127mm

Total Length= 300mm

DPF (SiC) Only



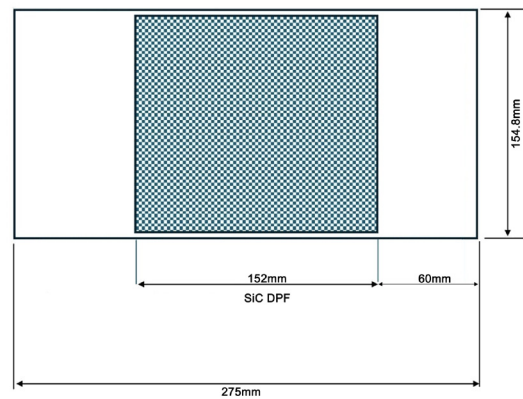
### DPF-154275

Universal Diesel Particulate Filter

Body Diameter= 154.8mm

Total Length= 275mm

DPF (SiC) Only



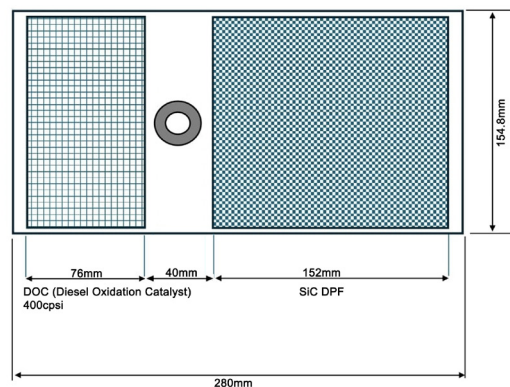
### DPFCAT-154280

Universal Diesel Particulate Filter

Body Diameter= 154.8mm

Total Length= 280mm

DPF (SiC) + CAT



## DIESEL PARTICULATE FILTERS



### DPF020

Diesel Particulate Filter suitable for:  
 Audi A4 1.9 01/06-06/08  
 Audi A4 2.0 BRE,BPW 11/04-06/08  
 Audi A4 2.5 BCZ,BDG 11/04 -  
 Audi A4 2.7 BPP,CAMA 11/04-  
 Audi A4 3.0 BKN,ASB 11/04-  
 Audi A6 1.9Tdi 04-



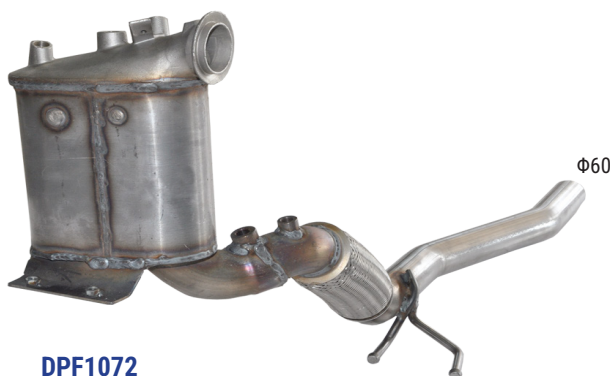
### DPFMAN022

Diesel Particulate Filter suitable for:  
 BMW X3 SUV 2.0D/3.0D E83/X83 04-10  
 BMW X3 E83 2.0d 05/2003-07/2006  
 BMW X3 E83 LCI 2.0d M47N2 03/06-08/07  
 BMW 520 E60/E61 2.0d 16v M47/N47  
 09/05-09/07



### DPF044

Diesel Particulate Filter suitable for:  
 BMW 530d (E60) 3.0 M57N 02/02-05  
 BMW 525d (E60) 2.5 02/02-02/07  
 BMW X5 3.0(E53) M57N 01/03-09/06



### DPF1072

Diesel Particulate Filter suitable for:  
 Audi A3 2.0TDi BUY 06/2005-06/2008  
 Audi A3 2.0TDi BUY 03/2006-05/2010  
 Skoda Octavia 2.0TDi BMN 11/05-05/2010  
 VW Golf 5 2.0TDi BMN 06/2007-06/2009  
 VW Passat 2.0TDi BMR 08/2005-05/2009  
 VW Passat 2.0TDi BUZ 08/2005-05/2009  
 VW Touran 2.0TDi BMN 12/05-05/2010



### PT6066T

Diesel Particulate Filter suitable for:  
 PEUGEOT 206 H.Back 1.6 HDi 110 (109hp) 05/04-  
 PEUGEOT 207 H.Back 1.6 HDi (109hp) 02/06-  
 PEUGEOT 307 H.Back 1.6 HDi 110 FAP (109hp) 02/04-  
 PEUGEOT 308 H.Back 1.6 HDi (90hp) 09/07-  
 PEUGEOT 407 Sedan 1.6 HDi 110 (109hp) 05/04-  
 PEUGEOT 1007 H.Back 1.6 HDi (109hp) 06/07-



### DPF1100

Diesel Particulate Filter suitable for:  
 Smart ForTwo 451 Coupe 0.8CDi WDB451300 '2007-  
 Smart ForTwo 451 Coupe 0.8CDi WDB451301 '2007-



### LX6002T

Diesel Particulate Filter suitable for:  
 LEXUS IS220D 2.2TD (2AD-FHV engine) '05-'10

**More than 250 different models of DPF in stock.  
 Contact us for more info**

# FIA CONVERTERS



## CAT104R1

Inlet= 63.5mm Body Diameter= 101.5mm Total length= 290mm

## CAT104R1-3

Inlet= 76mm Body Diameter= 101.5mm Total length= 290mm  
 Substrate Length= 105mm monolith  
 Metallic substrate 100cps / Up to 300HP  
 Max operating Temperature= 1300dgrs C  
**FIA approved / Group N**  
 FIA Homologation Number: **SBF KAT 08-022**



## CAT125R1

Inlet= 63.5mm Body Diameter= 127mm Total Length= 300mm

## CAT125R1-3

Inlet= 76mm Body Diameter= 127mm Total Length=300mm  
 Substrate Length= 105mm monolith  
 Metallic substrate 100cps / Up to 600HP  
 Max operating Temperature= 1300dgrs C  
**FIA approved / Group N**  
 FIA Homologation Number: **SBF KAT 09-023**

# CLASSIC CARS CONVERTERS



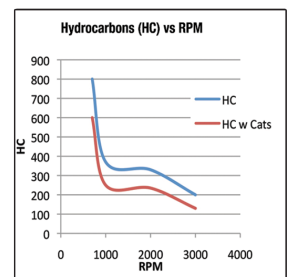
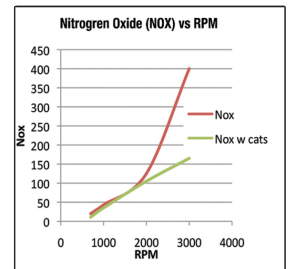
## CAT01

Inlet Diameter= IDΦ57mm  
 Body Diameter= Φ100mm  
 Total Length= 250mm  
 Metallic Substrate 200 Cpsi  
 Specially for Classic Cars  
 Suitable for carburettor and fuel injected engines  
**Reduce heavy exhaust emissions and smells**



## CAT02

Inlet Diameter= IDΦ45mm  
 Body Diameter= Φ83mm  
 Total Length= 230mm  
 Metallic Substrate 200 Cpsi  
 Specially for Classic Cars  
 Suitable for carburettor and fuel injected engines  
**Reduce heavy exhaust emissions and smells**



## EURO 4

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### CAT100R-4

Inlet Diameter= 60mm  
Body Diameter= 100mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro4 **High Loading**  
Designed for performance road vehicles



### CAT110R-4

Inlet Diameter= 63.5mm  
Body Diameter= 110mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro4 **High Loading**  
Designed for performance road vehicles



### CAT120R-4

Inlet Diameter= 63.5mm  
Body Diameter= 120mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro4 **High Loading**  
Designed for performance road vehicles



### CAT130R-4

Inlet Diameter= 60mm  
Body Diameter= 130mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro4 **High Loading**  
Designed for performance road vehicles



### CAT140R-4

Inlet Diameter= 76mm  
Body Diameter= 140mm  
Total Length= 300mm  
Metallic substrate 200cps  
Euro4 **High Loading**  
Designed for performance road vehicles

## EURO 5

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### CAT100R-5

Inlet Diameter= 60mm  
Body Diameter= 100mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro5 **High Loading**  
Designed for performance road vehicles



### CAT110R-5

Inlet Diameter= 63.5mm  
Body Diameter= 110mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro5 **High Loading**  
Designed for performance road vehicles



### CAT120R-5

Inlet Diameter= 63.5mm  
Body Diameter= 120mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro5 **High Loading**  
Designed for performance road vehicles

## EURO 5

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### CAT130R-5

Inlet Diameter= 60mm  
Body Diameter= 130mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro5 **High Loading**  
Designed for performance road vehicles



### CAT140R-5

Inlet Diameter= 76mm  
Body Diameter= 140mm  
Total Length= 300mm  
Metallic substrate 200cps  
Euro5 **High Loading**  
Designed for performance road vehicles

## EURO 6

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### CAT100R-6

Inlet Diameter= 60mm  
Body Diameter= 100mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro6 **High Loading**  
Designed for performance road vehicles



### CAT110R-6

Inlet Diameter= 63.5mm  
Body Diameter= 110mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro6 **High Loading**  
Designed for performance road vehicles



### CAT120R-6

Inlet Diameter= 63.5mm  
Body Diameter= 120mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro6 **High Loading**  
Designed for performance road vehicles



### CAT130R-6

Inlet Diameter= 60mm  
Body Diameter= 130mm  
Total Length= 280mm  
Metallic substrate 200cps  
Euro6 **High Loading**  
Designed for performance road vehicles



### CAT140R-6

Inlet Diameter= 76mm  
Body Diameter= 140mm  
Total Length= 300mm  
Metallic substrate 200cps  
Euro6 **High Loading**  
Designed for performance road vehicles

**EURO 4**



**CAT400R**

Inlet Pipe Diameter= 50mm  
 Body Dimensions= 150x95mm  
 Body Length without ending tubes= 280mm  
 Metallic substrate 200cps  
 Euro4 **High Loading**  
 Designed for performance road vehicles



**CAT402R**

Inlet Pipe Diameter= 60mm  
 Body Dimensions= 180x110mm  
 Body Length without ending tubes= 360mm  
 Metallic substrate 200cps  
 Euro4 **High Loading**  
 Designed for performance road vehicles

**E-MARKED CATALYSTS**



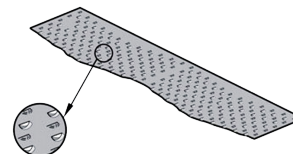
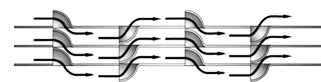
**CAT104R2T E-Marked**

Inlet Diameter= 63.5mm  
 Body Diameter= 101mm  
 Total Length= 300mm  
 Metallic substrate 200cps  
 Euro6 **High Loading**  
 Designed for performance road vehicle



**CAT104R2T-3 E-Marked**

Inlet Diameter= 76mm  
 Body Diameter= 101mm  
 Total Length= 300mm  
 Metallic substrate 200cps  
 Euro4 **High Loading**  
 Designed for performance road vehicles



**NEW!!! Special structure perforated foil**

## DPF125R

Inlet Diameter= 63.5mm  
Body Diameter= 127mm  
Total Length= 300mm  
Metallic substrate / "TWISTER" Cell Design  
Designed for performance road vehicles



## DPF400R-3

Inlet Diameter= 76mm  
Body Dimensions= 210x110mm  
Total Length= 390mm  
Metallic substrate / "TWISTER" Cell Design  
Designed for performance road vehicles  
Include 2 pipe adaptors from 76mm to 63.5mm

## STAINLESS STEEL CONES



## STAINLESS STEEL CONES

IDΦ47



Φ89

**TR-01**

Height = 100mm  
SUS304

IDΦ57



Φ105

**TR-03**

Height = 100mm  
SUS304

IDΦ52



Φ98

**TR-04**

Height = 100mm  
SUS304

IDΦ57



Φ107

**TR-05**

Height = 100mm  
SUS304

IDΦ61



Φ117

**TR-06**

Height = 100mm  
SUS304

## STAINLESS STEEL CONES



IDΦ51

Φ100

**C10065**

Height = 65mm  
SUS304



IDΦ51

Φ100

**C10090**

Height = 90mm  
SUS304



IDΦ51

Φ105

**C10565**

Height = 65mm  
SUS304



IDΦ51

Φ105

**C10590**

Height = 90mm  
SUS304



IDΦ55

Φ110

**C11065**

Height = 65mm  
SUS304



IDΦ55

Φ110

**C11090**

Height = 90mm  
SUS304



IDΦ55

Φ115

**C11565**

Height = 65mm  
SUS304



IDΦ55

Φ115

**C11590**

Height = 90mm  
SUS304



IDΦ67

Φ120

**C12030-67**

Height = 30mm  
SUS304



IDΦ60

Φ120

**C12065**

Height = 65mm  
SUS304



IDΦ76

Φ120

**C12065-76**

Height = 65mm  
SUS304



IDΦ60

Φ120

**C12090**

Height = 90mm  
SUS304



IDΦ76

Φ120

**C12090-76**

Height = 90mm  
SUS304



IDΦ60

Φ125

**C12565**

Height = 65mm  
SUS304



IDΦ60

Φ125

**C12590**

Height = 90mm  
SUS304



IDΦ60

Φ130

**C13065**

Height = 65mm  
SUS304

## STAINLESS STEEL CONES



## STAINLESS STEEL CONES



## STAINLESS STEEL CONES



IDΦ38  
Φ76  
**C-76**  
Height = 50mm  
SUS304



IDΦ42  
Φ80  
**C-80**  
Height = 50mm  
SUS304



IDΦ42  
Φ85  
**C-85**  
Height = 60mm  
SUS304



IDΦ45  
Φ90  
**C-90**  
Height = 65mm  
SUS304



IDΦ45  
Φ95  
**C-95**  
Height = 70mm  
SUS304



IDΦ51  
Φ100  
**C-100**  
Height = 70mm  
SUS304



IDΦ51  
Φ105  
**C-105**  
Height = 80mm  
SUS304



IDΦ55  
Φ110  
**C-110**  
Height = 75mm  
SUS304



IDΦ57  
Φ115  
**C-115**  
Height = 80mm  
SUS304



IDΦ57  
Φ120  
**C-120**  
Height = 85mm  
SUS304



IDΦ64  
Φ125  
**C-125**  
Height = 85mm  
SUS304



IDΦ64  
Φ130  
**C-130**  
Height = 95mm  
SUS304



IDΦ70  
Φ140  
**C-140**  
Height = 90mm  
SUS304

## STAINLESS STEEL CONES



IDΦ61

Φ155  
**EC001**  
Height = 70mm  
SUS409



IDΦ55

Φ150  
**EC002**  
Height = 55mm  
SUS409



Φ155  
**EC004XL**  
Height = 45mm  
SUS409



IDΦ51

Φ130  
**EC005**  
Height = 56mm  
SUS409



IDΦ61

Φ150  
**EC006**  
Height = 60mm  
SUS409



IDΦ46

Φ100  
**EC007**  
Height = 75mm  
SUS409



IDΦ51

Φ100  
**EC007B**  
Height = 70mm  
SUS409



IDΦ55

Φ114  
**EC008**  
Height = 60mm  
SUS409



IDΦ46

Φ100  
**EC009**  
Height = 70mm  
SUS409



IDΦ55

Φ100  
**EC00957**  
Height = 70mm  
SUS409



IDΦ61

Φ150  
**EC012**  
Height = 50mm  
SUS409



IDΦ55

Φ115  
**EC013**  
Height = 56mm  
SUS409



Φ130  
**EC016**  
Height = 40mm  
SUS409



IDΦ51

Φ110  
**EC017**  
Height = 75mm  
SUS409



IDΦ51

Φ110  
**EC018**  
Height = 65mm  
SUS409



IDΦ55

Φ110  
**EC019**  
Height = 55mm  
SUS409

## STAINLESS STEEL CONES

IDΦ51



Φ108

**EC020**

Height = 62mm  
SUS409



Φ114

**EC023**

Height = 70mm  
SUS409



Φ130

**EC024**

Height = 75mm  
SUS409

IDΦ46



Φ100

**EC145**

Height = 60mm  
SUS409

## LAMBDA BOSSES



**501054**  
S/Steel M18  
L=12mm



**501054-02**  
Mild Steel / Chromed  
M18 L=9mm



**OB7442**  
Mild Steel  
DPF Boss M14 x 1.5  
L=20mm  
Internal Seated



**SMP1578**  
Mild Steel  
DPF Boss M18 x 1.5  
L=20mm / for Sensor



**BOSSM18**  
MILD STEEL  
Lambda boss M18



**501060**  
S/Steel M20  
L=12mm



**501061**  
S/Steel Plug M18  
Φ= 24mm, L= 30mm



**501062**  
S/Steel  
1/4" Male X 1/8" Female  
L= 15mm



**501063**  
S/Steel  
DPF Boss M12 x 1.25  
Φ= 17mm, L= 22mm



**501064**  
S/Steel  
DPF Boss M18 x 1.5  
to M12 x1.25  
L=20mm



**501065**  
S/Steel NPT Male to  
Female M10 x 1.0  
L=27mm



**501066**  
S/Steel  
DPF Boss M18 x 1.5  
to M10 x1.25  
L=20mm



**500084**  
S/Steel Plug M18



**LB001**  
Mild Steel  
DPF Boss M16 x 1.5  
L=22mm  
Internally Threaded



**LB004**  
Mild Steel  
DPF Boss M14 x 1.5  
L=20mm / External



**LB013**  
Mild Steel  
DPF Boss M14 x 1.5  
L=20mm  
External chamber



**998150**  
S/Steel Lambda boss with  
50dgrs angle  
M18 Φ25 L=33-12mm



**998175**  
S/Steel Lambda boss  
with 75dgrs angle  
M18 Φ25 L=66-12mm



**OB4154**  
MILD STEEL Lambda boss  
with 45dgrs angle  
M18 Φ25 L=20-5mm



**LB060**  
Mild Steel Lambda boss  
with 60dgrs angle  
M18 Φ27 L=25-10mm



**LB015**  
Mild Steel  
DPF Boss M14 x 1.5  
L=14mm / Cap



**LB018**  
Mild Steel  
DPF Boss M6  
L=18mm



**LB022**  
Mild Steel  
DPF Boss M14 x 1.5  
L=20mm  
External chamber



**LB038**  
MILD STEEL  
Lambda boss + Plug M18



**LB039**  
Mild Steel  
DPF Boss M12 x 1.25  
L=18mm  
Plug for LB002



**LB040E**  
Mild Steel  
DPF Boss M16 x 1.5  
L=19mm / Shallow



**LB079**  
Mild Steel  
DPF Boss M12 x 1.25  
L=15mm / Internal

# CEL-FIX ADAPTORS



**SA100**  
Cel-Fix Adaptor  
with Metallic Cat Euro5 / M18



**SA145**  
Cel-Fix Adaptor  
with Metallic Cat Euro5 45dgrs / M18



**SA190**  
Cel-Fix Adaptor  
with Metallic Cat Euro5 90dgrs / M18

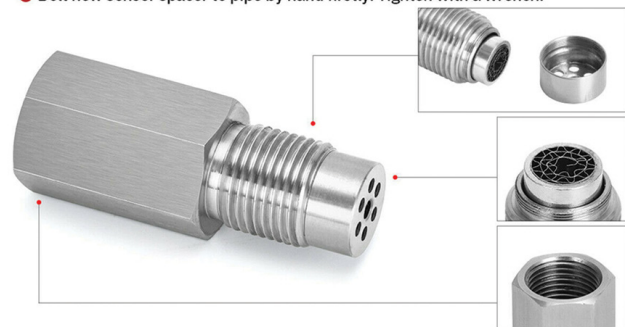
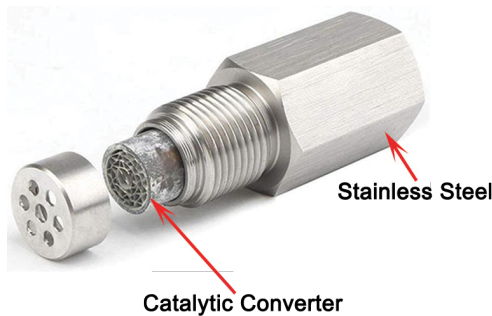
**SA600**  
Cel-Fix Adaptor  
with Metallic Cat Euro6 / M18  
(To switch off the Control Engine Light)

**SA645**  
Cel-Fix Adaptor  
with Metallic Cat Euro6 45dgrs / M18  
(To switch off the Control Engine Light)

**SA690**  
Cel-Fix Adaptor  
with Metallic Cat Euro6 90dgrs / M18  
(To switch off the Control Engine Light)

## INSTALLATION INSTRUCTIONS:

- 1. Jack up car if necessary, find extended bung which need to replace.
- 2. Loosen old oxygen sensor spacer, bolt it on our new sensor spacer.
- 3. Bolt new sensor spacer to pipe by hand firstly. Tighten with a wrench.



## Fitting Instructions

This Oxygen Sensor CEL-Fix adaptor is a solution for vehicles with titanium oxide sensors or "smart" Engine Control Units (ECUs) with sophisticated checks where an electronic oxygen sensor simulator cannot achieve the desired results. It is universal and applies to almost all EOBD vehicles which have two oxygen sensors (one before and one after the catalytic converter). This CEL-Fix is used to restore a normal signal for the oxygen sensor when the catalyst is removed or replaced with a racing catalyst resulting in an error message (CEL-Check Engine Light) in the controller. Unlike simple designs that place the Oxygen Sensor just a bit away from the exhaust gas stream and prevent the CEL only for short term, our CEL-Fix adaptor has an integrated HJS mini-catalyst which actually improves the exhaust gas quality before it is measured by the Oxygen Sensor. It comes with an Oxygen Sensor Standard Thread M18x1.55 on each side for easy installation. **The CEL-Fix adaptor MUST be installed ONLY on the second Oxygen Sensor which is always located after the Catalytic converter.** For vehicles with 2 parallel catalytic converters (Left and Right), must be used 2 CEL-Fix adaptors, always to the second Oxygen Sensor after the Catalytic Converters.

**Warning: Never install the CEL-Fix adaptor to the first oxygen sensor (nearest to the engine) located in front of the catalytic converter, since it is responsible for proper information of the mixture because the CEL-Fix adaptor it will not work!**

**Attention: After the installation of the adaptor, must visit a specialist to switch off the CEL!!!**

