

2024

QCAT
QUALITY CATALYSTS



TIKKOS RACING

HIGH LOADING UNIVERSAL CATALYTIC CONVERTERS

QCAT

QUALITY CATALYSTS

CERAMIC CATALYTIC CONVERTERS

EURO 2



LFC200

Inlet Pipe Diameter= 50mm
Body Dimensions= 150x95mm
Body 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
Body 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
Body 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
Body 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
Body Length without ending tubes= 220mm
Ceramic Substrate Euro2 **High Loading**
400cps / For engines up to 2.0 L



CERAMIC CATALYTIC CONVERTERS

EURO 3



LFC300

Inlet Pipe Diameter= 50mm
Body Dimensions= 150x95mm
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body 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
Body Length without ending tubes= 230mm
Ceramic Substrate Euro6 High Loading
400cps / For engines up to 3.0 L



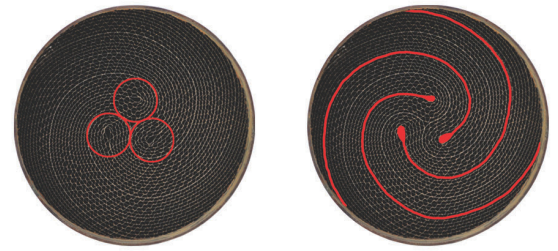
LFC604

Inlet Pipe Diameter = 54mm
Body Diameter= 114mm
Body 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 substrates 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 Φ 54mm
Outlet Pipe Diameter= 2xOD Φ 54mm
Body Dimensions= 180x115mm
Body Length without ending tubes= 300mm
Metallic Substrate Euro3 / 200cps
For engines up to 4.0 L
Suitable for BMW & MERCEDES



CAT908M

Inlet Pipe Diameter= OD Φ 64mm
Outlet Pipe Diameter= 2xOD Φ 60mm
Body Dimensions= 180x115mm
Body Length without ending tubes= 340mm
Metallic Substrate Euro3 / 200cps
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**
400cps / 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**
400cps / For engines up to 4.0 L

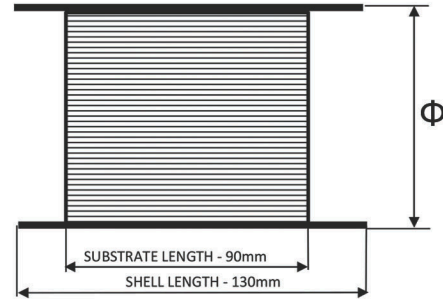
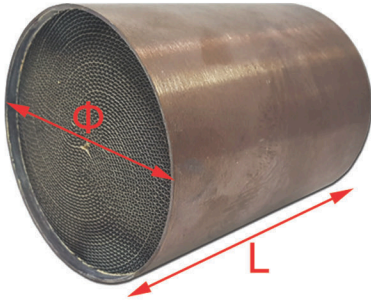
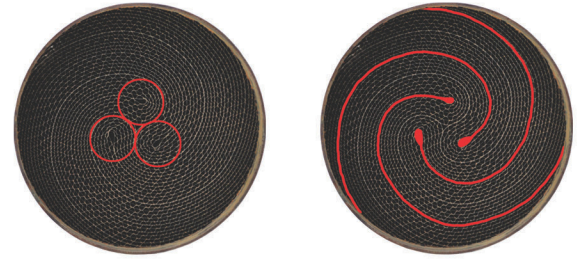


LFC-BM (Euro4)

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

S-type Cell design substrates 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=110 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

- 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
- 101345** Φ100 L=130 Euro5 400cps
- 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



186088
Metallic substrate - Euro4 400cpsi
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 2008-2015
OEM no: A1324900015



TY6095TF
Catalyst for Toyota Prius 1.5i 16v 1NZ-FXE 2003-2010
OEM no: 1741021490

...more than 350 different models of Direct-Fit Catalytic Converters in stock...please contact us for more info

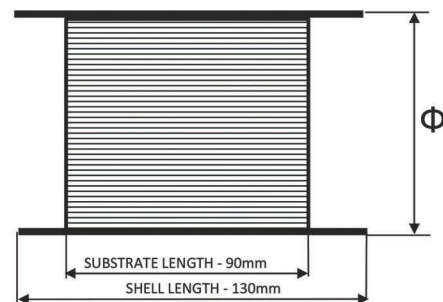
EURO 6

200cps

477026 Φ 47 L=70 Euro6 200cps
501326 Φ 50 L=130 Euro6 200cps
601326 Φ 60 L=130 Euro6 200cps
761326 Φ 76 L=130 Euro6 200cps
901326 Φ 90 L=130 Euro6 200cps
101326 Φ 100 L=130 Euro6 200cps
111326 Φ 110 L=130 Euro6 200cps
121326 Φ 120 L=130 Euro6 200cps
131326 Φ 130 L=130 Euro6 200cps
141326 Φ 140 L=130 Euro6 200cps
151326 Φ 150 L=130 Euro6 200cps

400cps

761346 Φ 76 L=130 Euro6 400cps
851346 Φ 85 L=130 Euro6 400cps
901346 Φ 90 L=130 Euro6 400cps
951346 Φ 95 L=130 Euro6 400cps
107046 Φ 100 L=70 Euro6 400cps
108546 Φ 100 L=85 Euro6 400cps
101346 Φ 100 L=130 Euro6 400cps
1051346 Φ 105 L=130 Euro6 400cps
111346 Φ 110 L=130 Euro6 400cps
1151346 Φ 115 L=130 Euro6 400cps
121346 Φ 120 L=130 Euro6 400cps
1251346 Φ 125 L=130 Euro6 400cps
131346 Φ 130 L=130 Euro6 400cps
141346 Φ 140 L=130 Euro6 400cps
151346 Φ 150 L=130 Euro6 400cps



*****New practical design**
*****They can be easily trimmed from 130mm to 95mm**

MOTORSPORT

100cps

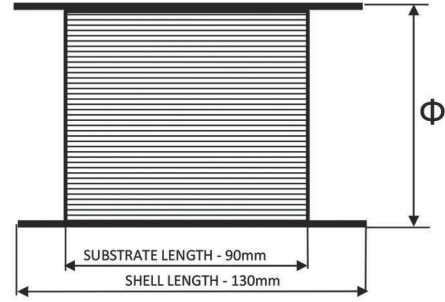
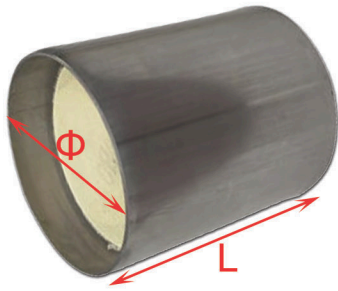
7613100 Φ 76 L=130 100cps
9013100 Φ 90 L=130 100cps
1013100 Φ 100 L=130 100cps
1113100 Φ 110 L=130 100cps
1213100 Φ 120 L=130 100cps
1313100 Φ 130 L=130 100cps
1413100 Φ 140 L=130 100cps
1513100 Φ 150 L=130 100cps

MOTORSPORT
Winners Drive Clean



*****High Loading substrates**

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



*****New practical design**
*****They can be easily trimmed from 130mm to 95mm**

Ceramic Diesel Oxidation Substrates

400cps

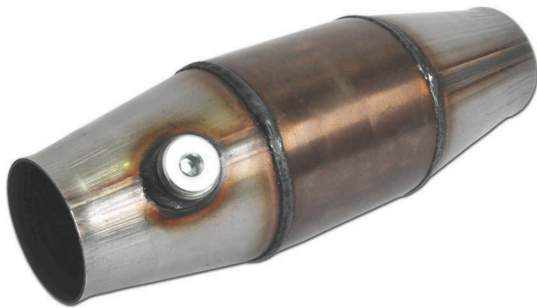
- DOC100** Φ100 L=130 DOC 400cps
- DOC110** Φ110 L=130 DOC 400cps
- DOC120** Φ120 L=130 DOC 400cps
- DOC130** Φ130 L=130 DOC 400cps
- DOC140** Φ140 L=130 DOC 400cps
- DOC144** Φ144 L=130 DOC 400cps
- DOC154** Φ154 L=130 DOC 400cps

Metallic Diesel Oxidation Substrates

400cps

- DOC13580** Φ135 L=80 DOC 400cps
- DOC14880** Φ148 L=80 DOC 400cps
- DOC151100** Oval 151x100 L=100 DOC 400cps
- DOC15480** Φ154 L=80 DOC 400cps

Metallic Diesel Oxidation Catalysts



DOC105R

Inlet Pipe Diameter= 63.5mm
Body Diameter= 101mm
Total Length= 300mm
Metallic substrate **DOC Loading**
200cps / 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**
400cps / For engines up to 2.5 L

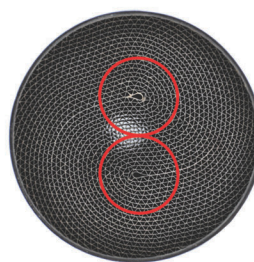


DOC24

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

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
- 200cpsci can be used for tuning purposes



EURO 4



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



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



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



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

EURO 5



SUB50
Diameter= 100mm
Length= 130mm
Euro5 / 200cpsci(Cells)
**High Loading /
Premium Quality**



SUB51
Diameter= 110mm
Length= 130mm
Euro5 / 200cpsci(Cells)
**High Loading /
Premium Quality**



SUB52
Diameter= 120mm
Length= 130mm
Euro5 / 200cpsci(Cells)
**High Loading /
Premium Quality**



SUB53
Diameter= 130mm
Length= 130mm
Euro5 / 200cpsci(Cells)
**High Loading /
Premium Quality**

EURO 6



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



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



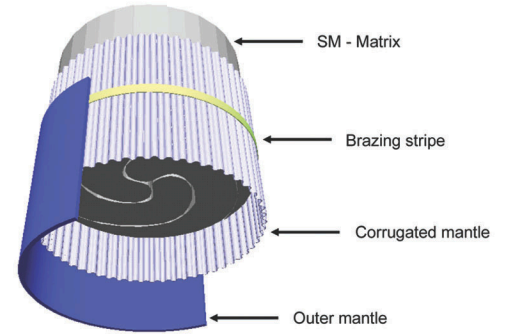
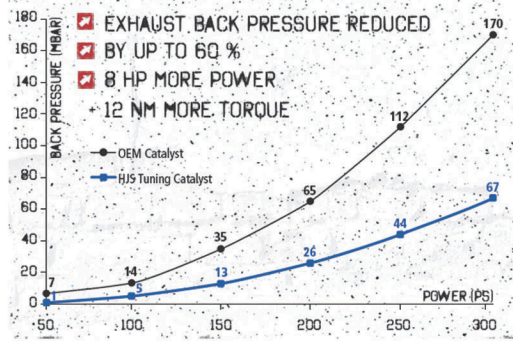
SUB62
Diameter= 120mm
Length= 130mm
Euro6 / 200cpsci(Cells)
**High Loading /
Premium Quality**



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

SM-type Cell design substrates with 3 centers for Maximum performance and durability:

- Very High durability and strength
- Three centers are winding wound around one center
- High loading of precious metals
- Winding of three flat and corrugated foils
- Can be used for tuning purposes



EURO 4



90603282

Diameter= 93mm
 Length= 130mm
 200psi(Cells) / Euro4



90603247

Diameter= 108mm
 Length= 100mm
 200psi(Cells) / Euro4
HF+ (For High Temperature)



90603248

Diameter= 108mm
 Length= 83mm
 200psi(Cells) / Euro4

MOTORSPORT



90603100
Diameter= 73mm
Length= 82mm
100cpsi(Cells)



90603102
Diameter= 93mm
Length= 130mm
100cpsi(Cells)



90603204
Diameter= 108mm
Length= 100mm
100cpsi(Cells)
PE (Perforated Foil to reduce weight & Backpressure)



90603105
Diameter= 108mm
Length= 130mm
100cpsi(Cells)



90603341
Diameter= 121mm
Length= 130mm
100cpsi(Cells)
HD (For Porsche and High Performance Cars)
PE (Perforated Foil to reduce weight & Backpressure)



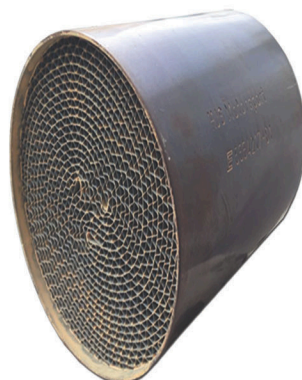
90603154
Diameter= 130mm
Length= 100mm
100cpsi(Cells)



90603297
Diameter= 130mm
Length= 130mm
100cpsi(Cells)



90603257
Diameter= 143mm
Length= 100mm
100cpsi(Cells)
PE (Perforated Foil to reduce weight & Backpressure)



90603258
Diameter= 153mm
Length= 85mm
100cpsi(Cells)
PE (Perforated Foil to reduce weight & Backpressure)

EURO 5/6



90603180
Diameter= 108mm
Length= 83mm
200cpsi(Cells) / Euro5/6
TS (For Max Pollution Reduction)



90603250
Diameter= 108mm
Length= 130mm
200cpsi(Cells) / Euro5/6
HF+ (For High Temperature)



90603444
Diameter= 121mm
Length= 112mm
200cpsi(Cells) / Euro5/6
HD (For Porsche and High Performance Cars)



90603494
Diameter= 130mm
Length= 112mm
200cpsi(Cells) / Euro5/6
HD (For Porsche and High Performance Cars)



90603498
Diameter= 143mm
Length= 115mm
200cpsi(Cells) / Euro5/6
HD (For Porsche and High Performance Cars)

Universal Tuning Gasoline particulate filter

Products *exclusively* for Exhaust systems manufacturer

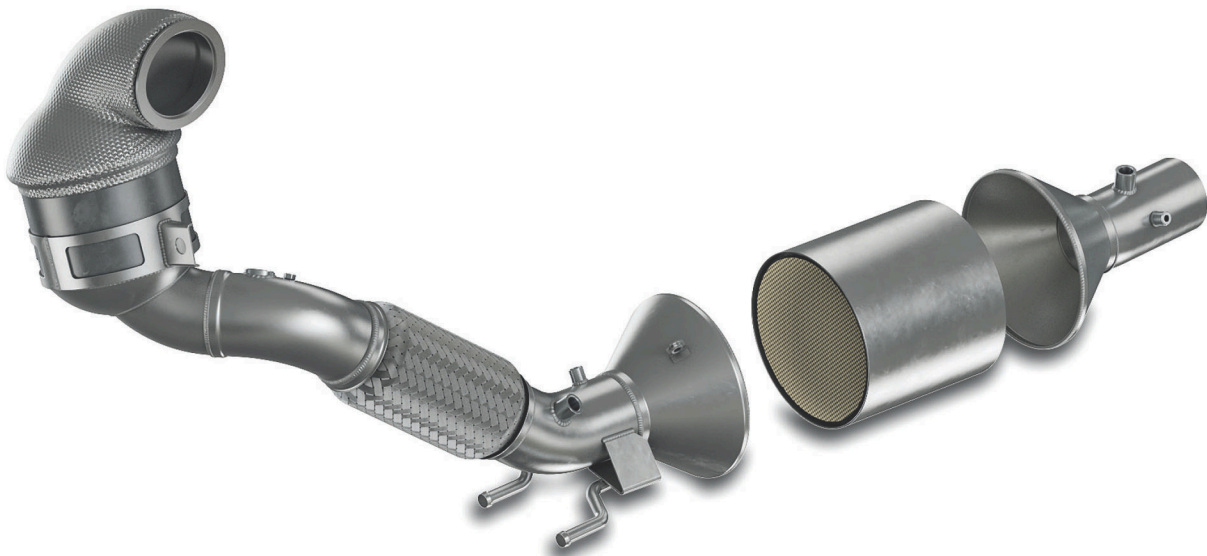
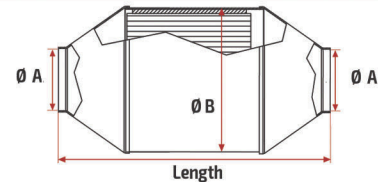
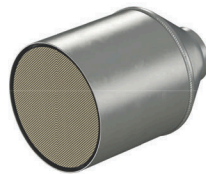
Universal Tuning Gasoline particulate filter

The universal tuning OPFs were developed on the basis of our tuning Euro 6d-TEMP projects. Due to the higher porosity of the OPF cordierite material, the exhaust backpressure can be reduced and the sound image improved. With a cell count of **200 cpsi**, these particle filters are the right component for self-designed exhaust systems.

The universal tuning OPF can also be used as a retrofit solution for imported vehicles on the European market.

The approval of the petrol particle filters must be carried out by an officially recognised expert within the framework of an operating permit for the vehicle according to § 21 StVZO. The individual approval (scope, procedure, costs) should be discussed in advance with an officially recognised expert on site. The adjustment and installation of the catalytic converter is your responsibility. We would like to point out that the exhaust emission behaviour of vehicles depends on many factors (engine performance, engine capacity, power, exhaust temperature, vehicle weight, transmission ratio, ...). Compliance with the respective exhaust emission standard, as well as fault-free pressure and temperature monitoring of the OPF cannot be guaranteed.

HJS-No.	Ø A	Length	Ø B	Substrat	Application area	Description
90 66 1100	76 mm	334 mm	177 mm	6,433" x 6,0"	up to 400 hp	Weld-in solution, without approval
90 66 1105	76 mm	246 mm	123 mm	4,330" x 6,2"	up to 250 hp	Weld-in solution, without approval
90 66 1111	70mm	210mm	154mm		up to 300hp	Weld-in solution, without approval



TUNING CATALYSTS

EURO 4



90950092
Inlet=61.5mm Body Diameter=108mm
Total length=270mm
Metallic substrate 200cps



90950082
Inlet=70.5mm Body Diameter=121mm
Total length=292mm
Metallic substrate 200cps



90950070
Inlet=66.6mm Body Diameter=130mm
Total length=326mm
Metallic substrate 200cps

EURO 5



90950140
Inlet=61.5mm Body Diameter=108mm
Total length=182mm
Metallic substrate 200cps



90950192
Inlet=61.5mm Body Diameter=108mm
Total length=238mm
Metallic substrate 200cps
HD (For Porsche and High Performance Cars)



90950085
Inlet=76.5mm Body Diameter=121mm
Total length=246.5mm
Metallic substrate 200cps
HD (For Porsche and High Performance Cars)



90950182
Inlet=70.5mm Body Diameter=130mm
Total length=312mm
Metallic substrate 200cps
HD (For Porsche and High Performance Cars)

TUNING CATALYSTS

EURO 6



90950086

Inlet=76mm Body Diameter=121mm
Total length=242mm
Metallic substrate 200cps



90950183

Inlet=70.5mm Body Diameter=130mm
Total length=282.5mm
Metallic substrate 200cps
HD (For Porsche and High Performance Cars)



90950190

Inlet=76mm Body Diameter=144mm
Total length=379mm
Metallic substrate 200cps
HD (For Porsche and High Performance Cars)

CATALYSTS WITH FIA HOMOLOGATION



90950057

Inlet=61.5mm Body Diameter=108mm Total length=268mm
Metallic substrate 100cps / Up to 240HP
Max operating Temperature=950dgrs C
PE (Perforated Foil to reduce weight & Backpressure)
FIA Approved for F / Group N / Rally Cars
FIA Homologation Number: WRC 1112-10



90950055

Inlet=78mm Body Diameter=108mm Total length=258mm
Metallic substrate 100cps / Up to 240HP
Max operating Temperature=950dgrs C
PE (Perforated Foil to reduce weight & Backpressure)
FIA Approved for F / Group N / Rally Cars
FIA Homologation Number: WRC 1112-10



90950044

Inlet=80mm Body Diameter=130mm Total length=386mm
Metallic substrate 100cps / Up to 600HP
Max operating Temperature=950dgrs C
PE (Perforated Foil to reduce weight & Backpressure)
FIA Approved for F / Group N / Rally Cars
FIA Homologation Number: WRC 1279-10



DOWNPIPES WITH HOMOLOGATION



Downpipes With Homologation

HJS Euro4, Euro5 and Euro6 Downpipes With
Metallic Tuning Catalyst 200cps(Cells)
ECE Approved

TUNING CATALYSTS WITH HOMOLOGATION



Tuning Catalysts With Homologation

HJS Euro4, Euro5 and Euro6
Metallic Tuning Catalysts 200cps(Cells)
ECE R103 Approved



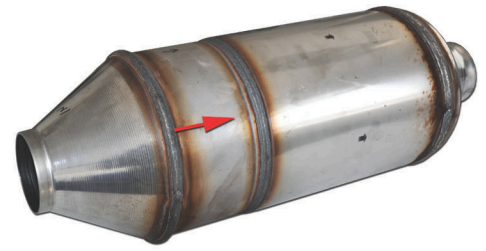
93113020

Body Diameter= 158mm
Total length= 370mm
Inlet-Outlet= OD55
DPF Round / **Metallic**



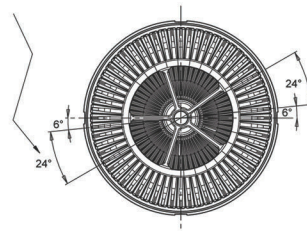
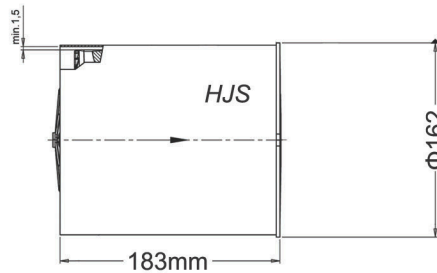
90631130

Body Diameter= 175x80mm
Total length= 405mm
Inlet-Outlet= OD60
DPF Oval / **Metallic**



90631110

Body Diameter= 158mm
Total length= 450mm
Inlet-Outlet= OD63
DPF Round with CATALYST / **Metallic**



90631140

Body Diameter= 162mm
Total length= 183mm
Round Substrate Suitable for DPF recondition / **Metallic**

HJS Original-DPF® City-Filter®

Introduction

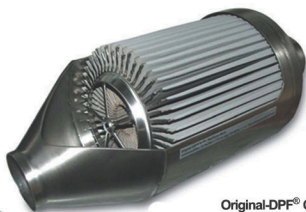
Germany has read the signs of the times and taken up the fight against fine particulate matter which endangers health. Diesel particulate filters are standard on nearly all new cars supplied by German manufactures, but it is also easy to retrofit older diesel vehicles with the City-Filter®. The new German Regulation legislating on labelling for low-emission vehicles makes retro-fitting even more important, because diesel vehicle that are not fitted with particulate filters are likely to be subject to the ban that will be in force in German city centers when levels of fine particulate matter in the atmosphere are too high

HJS Original-DPF City-Filter®

HJS has developed the City-Filter® to retrofit cars and ensure optimum soot reduction. This maintenance-free, reliable and cost-optimized filter system can be quickly fitted to a vehicle downstream of its existing oxidation catalytic converter. The Retrofit Regulation stipulates that existing oxidcats must be replaced if they are more than 5 years old or have been fitted for more than 80,000 km (50,000 miles). HJS therefore also offers the extended City-Filter (combined oxidcat and diesel particulate filter) to save motorists any additional costs.

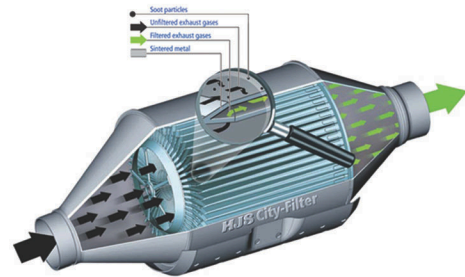
Design principle

The Core element is our diesel particulate filter made of sintered metal, which received the German Environment Award. Sintered metal is a material made from powdered metal using a special manufacturing process. It is applied to a mesh made of extended metal and then sintered. This gives the surface of the metal a porous structure, with its heat-resistant, robust and easy to work. Gases and liquids can escape through the minute pores. When exhaust gases flow from the engine into the filter casing, only the gaseous molecules are able to flow the porous filter material. The dangerous soot particles (particulate matter or PM) are trapped on the structured surface of the sintered metal. Thus, the City-Filter's® design and material give it significant advantages over other filters systems and at the same time the innovative pocket design means the filter lasts the lifetime of the vehicle.



Original-DPF® City-Filter®

HJS Original-DPF® City-Filter®



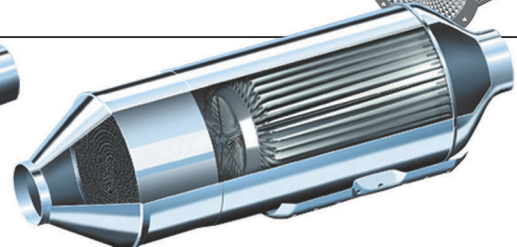
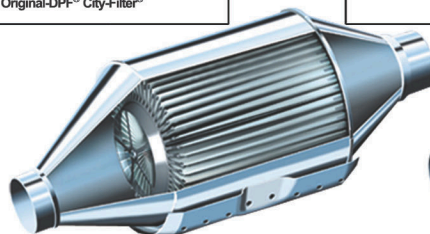
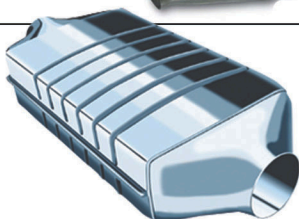
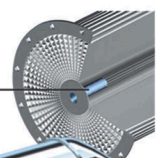
How it works

The vehicle's exhaust gases containing soot particles flow from the engine into the City-Filter's® casing (black arrow). Only the gaseous components pass through the minute pores of the filter pockets; the soot particles are trapped on the surfaces and deposited on the individual filter pockets (see magnifying glass).

Now the nitrogen dioxide (NO₂) formed by the oxidation catalytic converter comes into contact with the soot deposits, causing the soot particles to oxidize and degrade; the NO₂ is reduced to nitrogen (NO). The other components of the exhaust gases carbon monoxide and hydrocarbon are oxidized into the harmless substances carbon dioxide and water. This chemical process is repeated continuously, regenerating the filter. This process is essential to the long lifetime of the filter. A well-functioning oxidcat is even more important.

However, since the filter does not always have to go through a complete regeneration process, HJS has integrated a variable airflow cross-section into the City-Filter®. This ensures that the filter cannot become blocked.

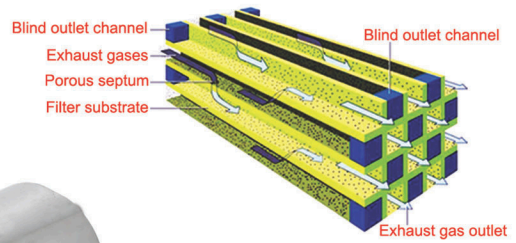
The Filter's efficiency is adjusted by a defined hydraulic cross-section



DIESEL PARTICULATE FILTERS

CERAMIC SUBSTRATES

Cordierite



DPFMAN018

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



DPFMAN020

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



DPFMAN022

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



DPFMAN023

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



DPFMAN024

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



DPFMAN067

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



DPFMAN076

Universal Diesel Particulate Filter
Ceramic Cordierite Substrate
Total Length= 250mm
Body Diameter= 250x115mm
DPF Only



DPFMAN088

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

DPF Recondition Steps

1. Choose the right size of DPF Substrate

2. Cut and replace the old DPF Substrate



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

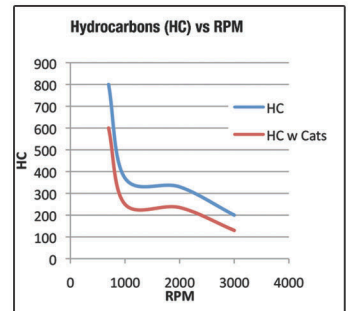
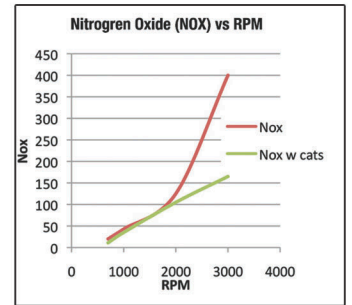
Total Length= 230mm

Metallic Substrate 200 Cpsi

Specially for Classic Cars

Suitable for carburettor and fuel injected engines

Reduce heavy exhaust emissions and smells



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-



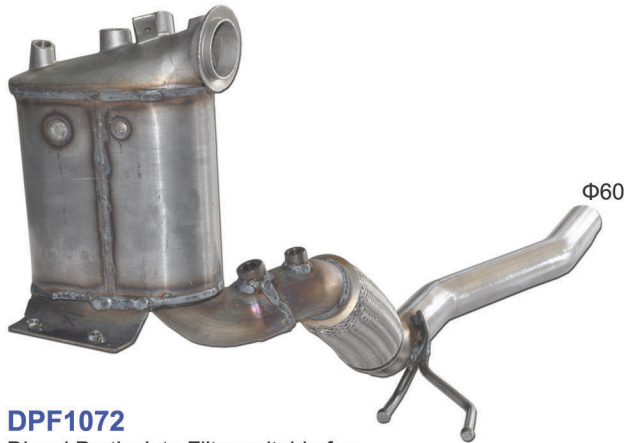
DPF044

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



DPF029

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



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



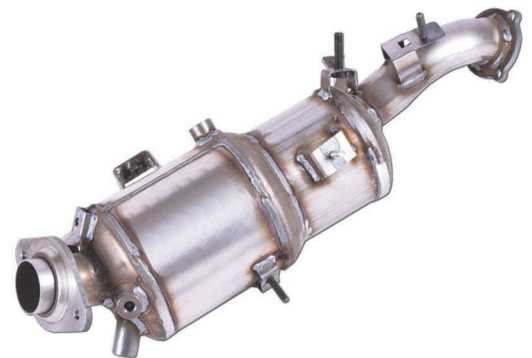
PT6066T

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 Diesel Particulate Filters in stock...please contact us for more info

EURO 4



CAT100R-4

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



CAT110R-4

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



CAT120R-4

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



CAT130R-4

Inlet=63.5mm, Body Diameter=130mm
Total Length=280mm
Metallic substrate 200cps
Euro4 **High Loading**
Designed for performance road vehicles



CAT140R-4

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

EURO 5



CAT100R-5

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



CAT110R-5

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



CAT120R-5

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

EURO 5



CAT130R-5

Inlet=63.5mm, Body Diameter=130mm
Total Length=280mm
Metallic substrate 200cps
Euro5 **High Loading**
Designed for performance road vehicles



CAT140R-5

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

EURO 6



CAT100R-6

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



CAT110R-6

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



CAT120R-6

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



CAT130R-6

Inlet=63.5mm, Body Diameter=130mm
Total Length=280mm
Metallic substrate 200cps
Euro6 **High Loading**
Designed for performance road vehicles



CAT140R-6

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

PERFORMANCE CATALYTIC CONVERTERS

EURO 4



CAT400R

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

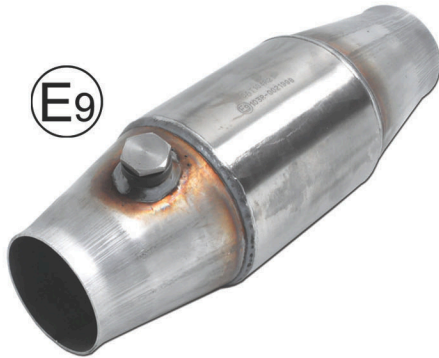


CAT402R

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

E-MARKED CATALYSTS

EURO 4



CAT104R2T E-Marked

Inlet=63.5mm, Body Diameter=101mm

CAT104R2T-3 E-Marked

Inlet=76mm, Body Diameter=101mm

Total Length=300mm

Metallic substrate 200cpsi

Euro4 **High Loading**

Designed for performance road vehicles

EURO 5



CATA9X E-Marked

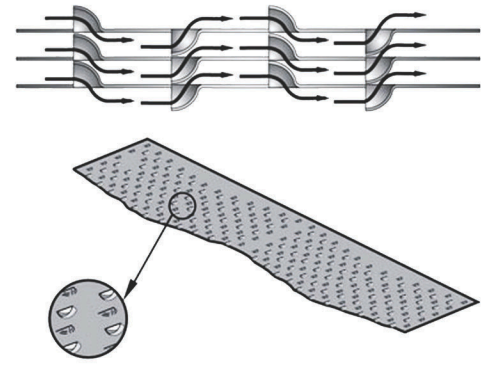
Inlet=63.5mm, Body Diameter=101mm

Total Length=300mm

Metallic substrate 200cpsi

Euro5 **High Loading**

Designed for performance road vehicles



NEW!!! Special structure perforated foil

DPF125R

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



DPF400R-3

Inlet=76mm, Body Dimensions=210x110
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

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

IDΦ60



Φ120

C12065

Height = 65mm
SUS304

IDΦ60



Φ120

C12090

Height = 90mm
SUS304

IDΦ60



Φ130

C13065

Height = 65mm
SUS304

IDΦ60

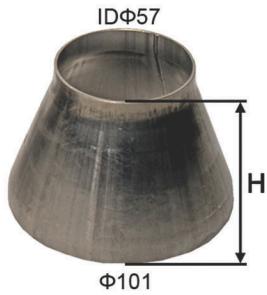


Φ130

C13090

Height = 90mm
SUS304

STAINLESS STEEL CONES



235060
Height = 65mm
SUS304



235085-02
Height = 65mm
SUS304



235110
Height = 58mm
SUS304



235114
Height = 100mm
SUS304



235137
Height = 73.5mm
SUS304



235156-55 Φ55mm
235156-64 Φ64mm
235156-70 Φ70mm
235156-76 Φ76mm
SUS304



235189
Height = 60mm
SUS304



235203-01
Height = 57mm
SUS304



235208-01
Height = 60mm
SUS304



235210
Height = 57mm
SUS304



235214
Height = 58mm
SUS304

STAINLESS STEEL CONES

IDΦ51



Φ120

TR-15
Height = 100mm
SUS409

IDΦ51



Φ127

TR-17
Height = 110mm
SUS409

IDΦ54



Φ150

TR-19
Height = 120mm
SUS409

IDΦ51



Φ120

TR-20
Height = 50mm
SUS409

IDΦ50



Φ122

TR-21
Height = 65mm
SUS409

IDΦ54



Φ133

TR-22
Height = 60mm
SUS409

IDΦ52



Φ144

TR-23
Height = 65mm
SUS409

IDΦ54



Φ160

TR-24
Height = 60mm
SUS409

IDΦ63



Φ170

TR-25
Height = 90mm
SUS409

IDΦ57



Φ184

TR-26
Height = 90mm
SUS409

IDΦ57



Φ204

TR-27
Height = 90mm
SUS409

IDΦ58



Φ134

TR-28
Height = 40mm
SUS409

IDΦ64



Φ145

TR-29
Height = 55mm
SUS409

IDΦ58



Φ160

TR-30
Height = 55mm
SUS409

IDΦ89



Φ168

TR-31
Height = 65mm
SUS409

IDΦ51



Φ133

TR-32
Height = 55mm
SUS409

STAINLESS STEEL CONES



C-76
Height = 50mm
SUS304



C-80
Height = 50mm
SUS304



C-85
Height = 60mm
SUS304



C-90
Height = 65mm
SUS304



C-95
Height = 70mm
SUS304



C-100
Height = 70mm
SUS304



C-105
Height = 80mm
SUS304



C-110
Height = 75mm
SUS304



C-115
Height = 80mm
SUS304



C-120
Height = 85mm
SUS304



C-125
Height = 85mm
SUS304

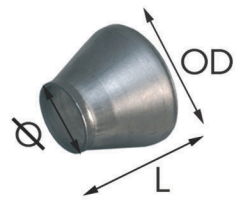


C-130
Height = 95mm
SUS304



C-140
Height = 90mm
SUS304

HJS STAINLESS STEEL SUS304 CONES



Φ90MM (OD)

90600556	IDΦ46	L=60
90600557	IDΦ46	L=80
90600554	IDΦ57	L=69
90600555	IDΦ57	L=47
90600558	IDΦ57	L=63



Φ105MM (OD)

90600548	IDΦ70	L=150
90600549	IDΦ76	L=92
90600547	IDΦ57	L=75
90600550	IDΦ78	L=44
90600541	IDΦ57	L=92
90600543	IDΦ57	L=55
90600542	IDΦ57	L=44
90600551	IDΦ65	L=92



Φ117MM (OD)

90600552	IDΦ55	L=80
90600533	IDΦ56	L=72
90600546	IDΦ55	L=75
90600534	IDΦ56	L=72
90600530	IDΦ70	L=83
90600531	IDΦ60	L=88
90600532	IDΦ67	L=60



Φ127MM (OD)

90600553	IDΦ77	L=150
90600520	IDΦ77	L=103
90600540	IDΦ64	L=103
90600539	IDΦ77	L=115
90600536	IDΦ64	L=171
90600538	IDΦ77	L=180



STAINLESS STEEL CONES



Φ155
EC001
Height = 70mm
SUS409



Φ150
EC002
Height = 55mm
SUS409



Φ155
EC004XL
Height = 45mm
SUS409



Φ130
EC005
Height = 56mm
SUS409



Φ150
EC006
Height = 60mm
SUS409



Φ100
EC007
Height = 75mm
SUS409



Φ100
EC007B
Height = 70mm
SUS409



Φ114
EC008
Height = 60mm
SUS409



Φ100
EC009
Height = 70mm
SUS409



Φ100
EC00957
Height = 70mm
SUS409



Φ150
EC012
Height = 50mm
SUS409



Φ115
EC013
Height = 56mm
SUS409



Φ130
EC016
Height = 40mm
SUS409



Φ110
EC017
Height = 75mm
SUS409



Φ110
EC018
Height = 65mm
SUS409



Φ110
EC019
Height = 55mm
SUS409

CEL-FIX ADAPTORS



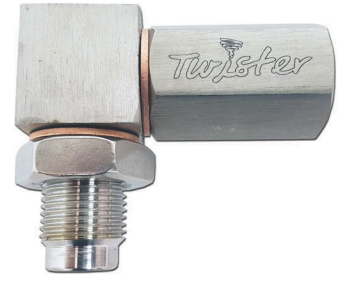
SA100
Cel-Fix Adaptor
with Metallic Cat Euro5 / M18

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



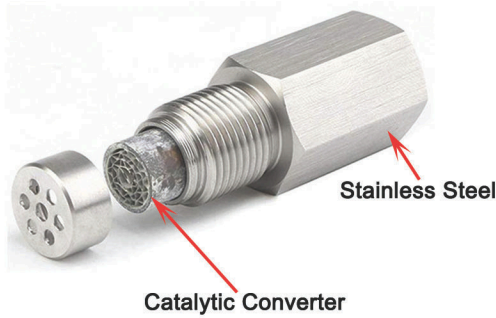
SA145
Cel-Fix Adaptor
with Metallic Cat Euro5 / 45dgrs / M18

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



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

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

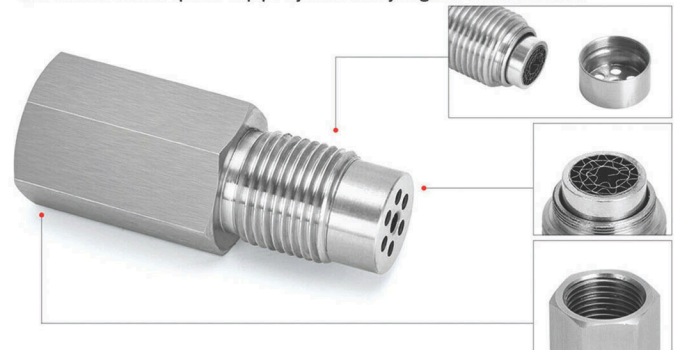


Stainless Steel

Catalytic Converter

INSTALLATION INSTRUCTIONS:

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

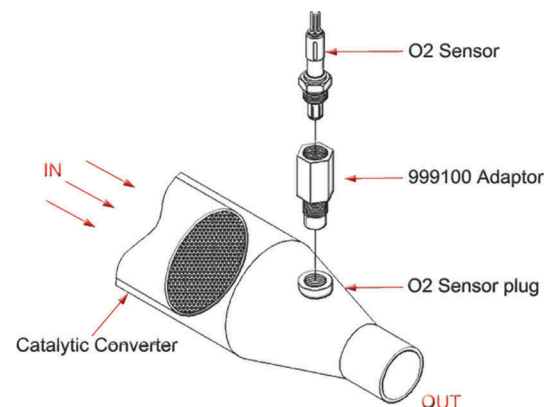


Fitting Instructions

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!!!



LAMBDA BOSSES



998150
S/Steel Lambda boss
with 50dgrs angle
M18x1.5 Φ 25 L=33-12mm



998175
S/Steel Lambda boss
with 75dgrs angle
M18x1.5 Φ 25 L=66-12mm



501054
S/Steel Lambda boss
M18x1.5 L=12mm



501054-02
Mild Steel Chromed
Lambda boss
M18x1.5 L=9mm



500084
S/Steel Plug M18x1.5



LB038
Mild Steel
Lambda boss+Plug
M18x1.5



OB4154
Mild Steel Lambda boss
with 45dgrs angle
M18x1.5 Φ 25 L=20-5mm



LB060
Mild Steel Lambda boss
with 60dgrs angle
M18x1.5 Φ 27 L=25-10mm



501060
S/Steel Lambda boss
M20x1.5 L=12mm



501061
S/steel 304
Lambda boss+Plug
M18x1.5 Φ 24 L=30



LB001
Mild Steel
DPF Boss M16x1.5
L=22mm
Internally Threaded



LB004
Mild Steel
DPF Boss M14x1.5
L=20mm / External



LB013
Mild Steel
DPF Boss M14x1.5
L=20mm
External chamber



LB015
Mild Steel
DPF Boss M14x1.5
L=14mm / Cap



LB018
Mild Steel
DPF Boss M6
L=18mm



LB022
Mild Steel
DPF Boss M14x1.5
L=20mm / External chamber



LB039
S/Steel Steel
DPF Boss M12x1.25
L=15mm / Plug for LB079



LB040E
Mild Steel
DPF Boss M16x1.5
L=19mm / Shallow



LB079
Mild Steel
DPF Boss M12x1.25
L=15mm / Internal



OB7442
Mild Steel
DPF Boss M14x1.5
L=20mm / Internal Seated



SMP1578
Mild Steel
DPF Boss M18x1.5
L=20mm / for Sensor