



TIKKOS RACING

Q-CATS CATALOGUE

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

www.tikkosracing.com



QCAT
QUALITY CATALYST

HIGH LOADING UNIVERSAL CATALYTIC CONVERTERS



CERAMIC CATALYTIC CONVERTERS

EURO 2



LFC200

Inlet Pipe Diameter= 50mm
Body Dimensions = 150x95mm
Length without ending tubes = 280mm
Ceramic Substrate Euro2 **High Loading**
400cpsi / 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**
400cpsi / 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**
400cpsi / 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**
400cpsi / 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**
400cpsi / 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

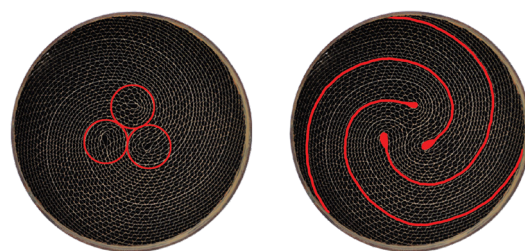


LFC604

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

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 Φ 54mm
Outlet Pipe Diameter= 2xOD Φ 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 Φ 64mm
Outlet Pipe Diameter= 2xOD Φ 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



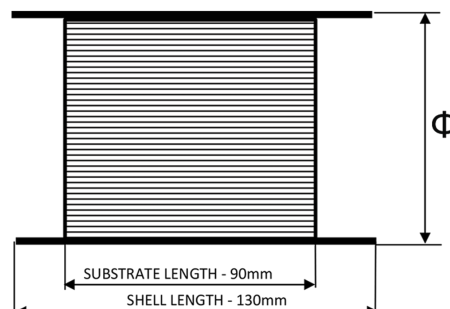
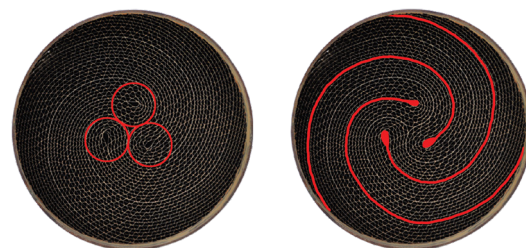
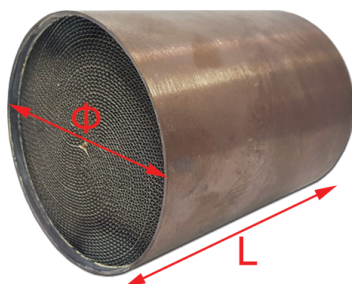
TY6095TF

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
- 200cpsi can be used for tuning purposes



EURO 4

200cpsi

761324 WW
901324 Φ90 L=130 Euro4 200cpsi
101324 Φ100 L=130 Euro4 200cpsi
111324 Φ110 L=130 Euro4 200cpsi
121324 Φ120 L=130 Euro4 200cpsi
131324 Φ130 L=130 Euro4 200cpsi
141324 Φ140 L=130 Euro4 200cpsi
151324 Φ150 L=130 Euro4 200cpsi

400cpsi

761344 Φ76 L=130 Euro4 400cpsi
901344 Φ90 L=130 Euro4 400cpsi
101344 Φ100 L=130 Euro4 400cpsi
111344 Φ110 L=130 Euro4 400cpsi
121344 Φ120 L=130 Euro4 400cpsi
131344 Φ130 L=130 Euro4 400cpsi
141344 Φ140 L=130 Euro4 400cpsi
151344 Φ150 L=130 Euro4 400cpsi
SUB163113 Oval 163x113 L=115 Euro4 400cpsi

EURO 5

200cpsi

761325 Φ76 L=130 Euro5 200cpsi
901325 Φ90 L=130 Euro5 200cpsi
101325 Φ100 L=130 Euro5 200cpsi
111325 Φ110 L=130 Euro5 200cpsi
121325 Φ120 L=130 Euro5 200cpsi
131325 Φ130 L=130 Euro5 200cpsi
141325 Φ140 L=130 Euro5 200cpsi
151325 Φ150 L=130 Euro5 200cpsi

400cpsi

757045 Φ75 L=70 Euro5 400cpsi **New!!**
761345 Φ76 L=130 Euro5 400cpsi
851345 Φ85 L=130 Euro5 400cpsi
907045 Φ90 L=70 Euro5 400cpsi
901345 Φ90 L=130 Euro5 400cpsi
951345 Φ95 L=130 Euro5 400cpsi
107045 Φ100 L=70 Euro5 400cpsi
108545 Φ100 L=85 Euro5 400cpsi
1058545 Φ105 L=85 Euro5 400cpsi **New!!**
101345 Φ100 L=130 Euro5 400cpsi
101345 Φ100 L=130 Euro5 400cpsi
117545 Φ110 L=75 Euro5 400cpsi **New!!**

1051345 Φ105 L=130 Euro5 400cpsi
111345 Φ110 L=130 Euro5 400cpsi
1151345 Φ115 L=130 Euro5 400cpsi
121345 Φ120 L=130 Euro5 400cpsi
1257045 Φ125 L=70 Euro5 400cpsi
1251345 Φ125 L=130 Euro5 400cpsi
131345 Φ130 L=130 Euro5 400cpsi
141345 Φ140 L=130 Euro5 400cpsi
151345 Φ150 L=130 Euro5 400cpsi
SUB12790 Oval 127x90 L=130 Euro5 400cpsi
SUB151100 Oval 151x100 L=100 Euro5 400cpsi



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

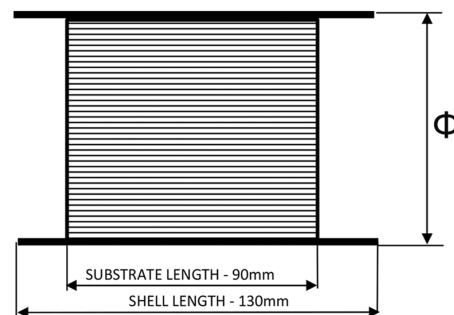
EURO 6

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
1431226 $\Phi 143$ L=120 Euro6 200cps **New!!**
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
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
1151346 $\Phi 115$ L=130 Euro6 400cps
121346 $\Phi 120$ L=130 Euro6 400cps
1251346 $\Phi 125$ L=130 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

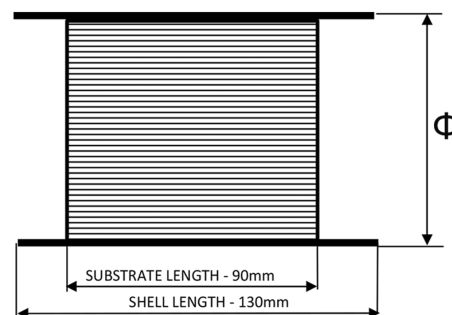
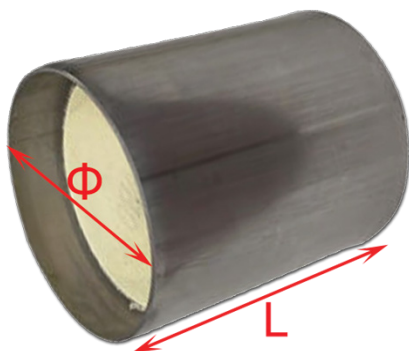
100cps

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 Φ100 L=130 DOC 400cpsi
DOC110 Φ110 L=130 DOC 400cpsi
DOC120 Φ120 L=130 DOC 400cpsi
DOC130 Φ130 L=130 DOC 400cpsi
DOC140 Φ140 L=130 DOC 400cpsi
DOC144 Φ144 L=130 DOC 400cpsi
DOC154 Φ154 L=130 DOC 400cpsi

Metallic Diesel Oxidation Substrates

400cpsi

DOC13580 Φ135 L=80 DOC 400cpsi
DOC14880 Φ148 L=80 DOC 400cpsi
DOC151100 OVAL 151x100 L=100 DOC 400cpsi
DOC15480 Φ154 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

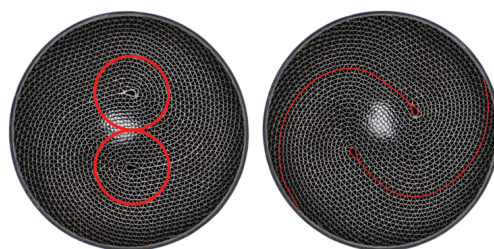
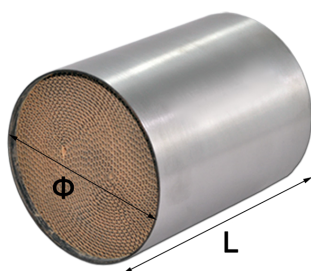


DOC24

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

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
- 200cpsi can be used for tuning purposes



EURO 4



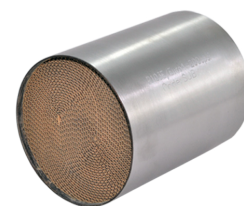
SUB40
Diameter= 100mm
Length= 130mm
Euro4 / 200cpsi (Cells)
High Loading / Premium Quality



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



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



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

EURO 5



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



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



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



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

EURO 6



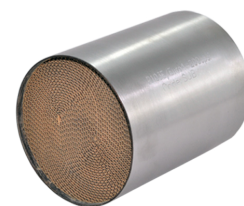
SUB60
Diameter= 100mm
Length= 130mm
Euro6 / 200cpsi (Cells)
High Loading / Premium Quality



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



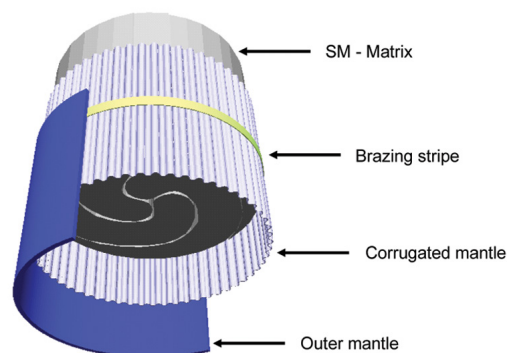
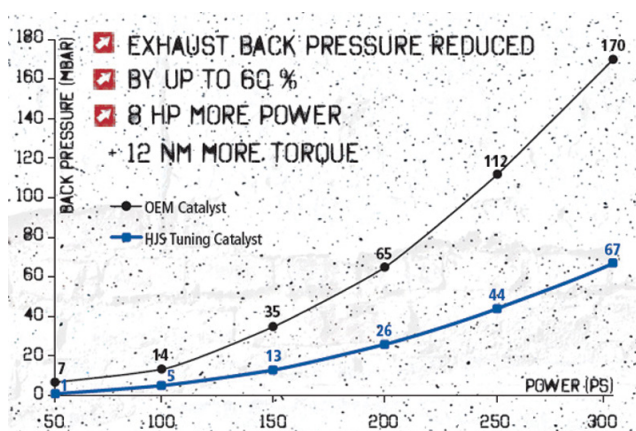
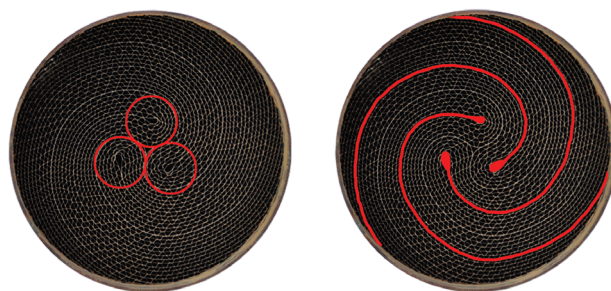
SUB62
Diameter= 120mm
Length= 130mm
Euro6 / 200cpsi (Cells)
High Loading / Premium Quality



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

SM-type Cell design substrate 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
Euro4 / 200cpsi (Cells)



90603247

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



90603248

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

EURO 5/6



90603180

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



90603250

Diameter= 108mm
Length= 130mm
Euro5/6 / 200cpsi (Cells)
HF+ (For High Temperature)
Substrate with 2 Centers



90603444

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



90603494

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



90603498

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



*****Contact us for the complete HJS product catalogue*****

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)

*****Contact us for the complete HJS product catalogue*****

Universal Tuning Gasoline Particulate Filter

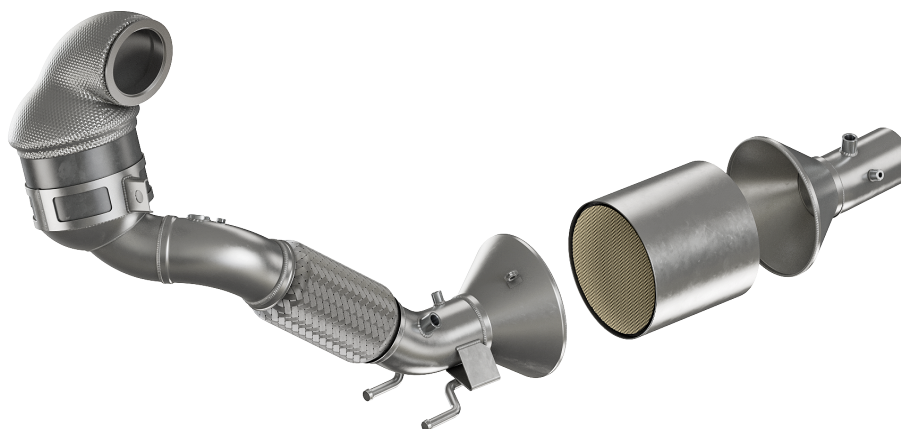
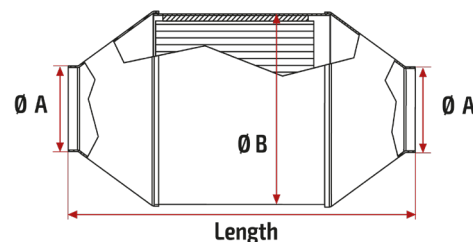
Products exclusively for Exhaust systems manufacturer

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 200cps, 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 S21 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	76mm	334mm	177mm	6.433"x 6.0"	up to 400hp	Weld-in solution, without approval
90 66 1105	76mm	246mm	123mm	4.330"x 6.2"	up to 250hp	Weld-in solution, without approval
90 66 1111	70mm	210mm	154mm	4.330"x 6.2"	up to 300hp	Weld-in solution, without approval



EURO 4



90950092

Inlet Diameter = 61.5mm
Body Diameter = 108mm
Total Length = 270mm
Metallic Substrate 200cps (Cells)



90950082

Inlet Diameter = 70.5mm
Body Diameter = 121mm
Total Length = 292mm
Metallic Substrate 200cps (Cells)



90950070

Inlet Diameter = 66.6mm
Body Diameter = 130mm
Total Length = 326mm
Metallic Substrate 200cps (Cells)

EURO 5



90950140

Inlet Diameter = 61.5mm
Body Diameter = 108mm
Total Length = 182mm
Metallic Substrate 200cps (Cells)



90950192

Inlet Diameter = 61.6mm
Body Diameter = 108mm
Total Length = 238mm
Metallic Substrate 200cps (Cells)
HD (For Porsche and High Performance Cars)



90950085

Inlet Diameter = 76.5mm
Body Diameter = 121mm
Total Length = 246.5mm
Metallic Substrate 200cps (Cells)
HD (For Porsche and High Performance Cars)



90950182

Inlet Diameter = 70.5mm
Body Diameter = 130mm
Total Length = 312mm
Metallic Substrate 200cps (Cells)
HD (For Porsche and High Performance Cars)

*****Contact us for the complete HJS product catalogue*****

EURO 6



90950086

Inlet Diameter= 76mm
Body Diameter= 121mm
Total Length= 242mm
Metallic Substrate 200cpsi (Cells)



90950183

Inlet Diameter= 70.5mm
Body Diameter= 130mm
Total Length= 282.5mm
Metallic Substrate 200cpsi (Cells)
HD (For Porsche and High Performance Cars)



90950190

Inlet Diameter= 76mm
Body Diameter= 144mm
Total Length= 379mm
Metallic Substrate 200cpsi (Cells)
HD (For Porsche and High Performance Cars)

CATALYSTS WITH FIA HOMOLOGATION



90950057

Inlet Diameter= 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 Diameter= 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 Diameter= 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 Downpipes With
Metallic Tuning Catalyst 200cps(Cells)
ECE R103 Approved

*****Contact us for the complete HJS product catalogue*****

DIESEL PARTICULATE FILTERS



93113020

Inlet - Outlet= OD55mm
Body Diameter= 158mm
Total Length= 370mm
DPF Round / **Metallic**



90631130

Inlet - Outlet= OD60mm
Body Dimensions= 175x80mm
Total Length= 405mm
DPF Oval / **Metallic**



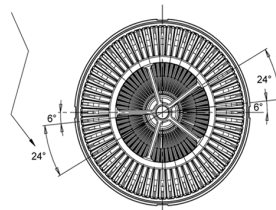
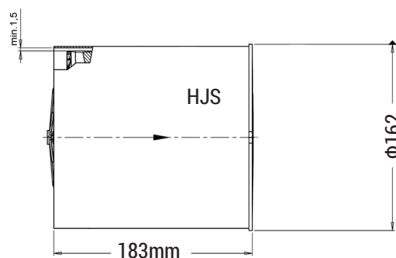
90631110

Inlet - Outlet= OD63mm
Body Diameter= 158mm
Total Length= 450mm
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 manufacturers, 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.

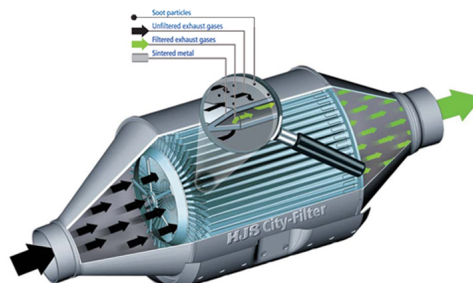
Design principle

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 is 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 through 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®



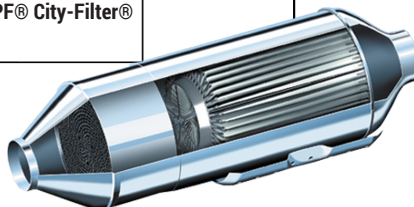
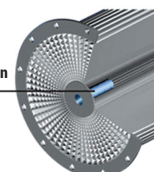
How it works

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.

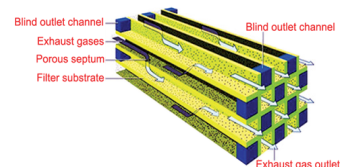
However, since the filter does not always have to go through a complete regeneration process, HJS has integrated a variable airflow cross-section into the City-Filter®. This ensures that the filter cannot become blocked.

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



DIESEL PARTICULATE FILTERS

CERAMIC SUBSTRATES



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



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

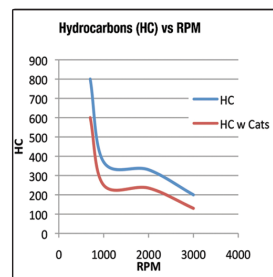
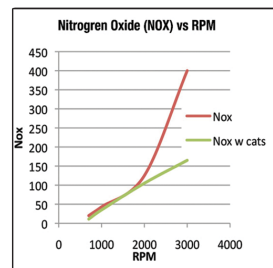
Total Length= 230mm

Metallic Substrate 200 Cpsi

Specially for Classic Cars

Suitable for carburettor and fuel injected engines

Reduce heavy exhaust emissions and smells



EURO 4



CAT100R-4

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



CAT110R-4

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



CAT120R-4

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



CAT130R-4

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



CAT140R-4

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

EURO 5



CAT100R-5

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



CAT110R-5

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



CAT120R-5

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

EURO 5



CAT130R-5

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



CAT140R-5

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

EURO 6



CAT100R-6

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



CAT110R-6

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



CAT120R-6

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



CAT130R-6

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



CAT140R-6

Inlet Diameter= 76mm
Body Diameter= 140mm
Total Length= 300mm
Metallic substrate 200cpsi
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 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 Diameter= 63.5mm
Body Diameter= 101mm

CAT104R2T-3 E-Marked

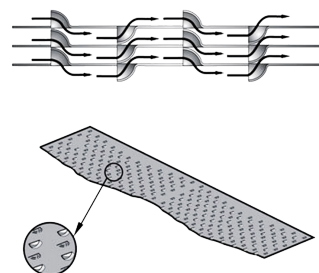
Inlet Diameter= 76mm
Body Diameter= 101mm
Total Length= 300mm
Metallic substrate 200cpsi
Euro4 High Loading
Designed for performance road vehicles

EURO 5



CATA9X E-Marked

Inlet Diameter= 63.5mm
Body Diameter= 101mm
Total Length= 300mm
Metallic substrate 200cpsi
Euro5 High Loading
Designed for performance road vehicles



DPF125R

Inlet Diameter= 63.5mm

Body Diameter= 127mm

Total Length= 300mm

Metallic substrate / "TWISTER" Cell Design

Designed for performance road vehicles

NEW!!! Special structure perforated foil



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



235060
Height = 65mm
SUS304



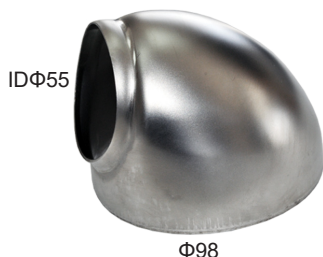
235085-02
Height = 65mm
SUS304



235110
Height = 58mm
SUS304



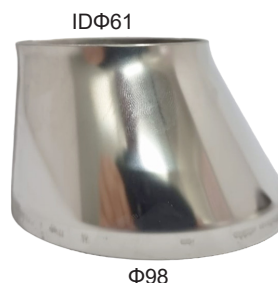
235114
Height = 100mm
SUS304



235137
Height = 73.5mm
SUS304



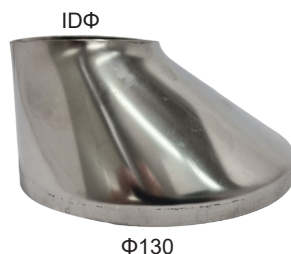
235156-55 Φ55mm
235156-64 Φ64mm
235156-70 Φ70mm
235156-76 Φ76mm
SUS304



235189
Height = 60mm
SUS304



235203-01
Height = 57mm
SUS304



235107-64 Φ64mm **New!!**
235107-70 Φ70mm **Coming Soon!!**
235107-76 Φ76mm **Coming Soon!!**
Height = 80mm
SUS304



235208-01
Height = 60mm
SUS304



235210
Height = 57mm
SUS304



235214
Height = 58mm
SUS304

STAINLESS STEEL CONES



STAINLESS STEEL CONES



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



IDΦ60
Φ120
C12065
Height = 65mm
SUS304



IDΦ60
Φ120
C12090
Height = 90mm
SUS304



IDΦ60
Φ125
C12565
Height = 65mm
SUS304



IDΦ60
Φ125
C12590
Height = 90mm
SUS304



IDΦ60
Φ130
C13065
Height = 65mm
SUS304



IDΦ60
Φ130
C13090
Height = 90mm
SUS304

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



Φ155
EC001
Height = 70mm
SUS409



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



Φ108
EC020
Height = 62mm
SUS409



Φ114
EC023
Height = 70mm
SUS409

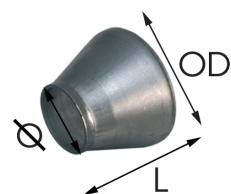


Φ130
EC024
Height = 75mm
SUS409



Φ100
EC145
Height = 60mm
SUS409

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



90600556



90600557



90600554



90600555



90600558

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



90600548



90600549



90600547



90600550



90600541



90600543



90600542



90600551

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



90600552



90600533



90600546



90600534



90600530



90600531



90600532

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



90600553



90600538



90600540



90600539



90600536



90600520

LAMBDA BOSSES



998150

S/Steel Lambda boss with
50dgrs angle
M18 Φ 25 L=33-12mm



998175

S/Steel Lambda boss
with 75dgrs angle
M18 Φ 25 L=66-12mm



501054

S/Steel Lambda boss
M18 L=12mm



501054-02

Mild Steel Chromed
Lambda boss
M18 L=9mm



0B7442

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



0B4154

MILD STEEL Lambda boss
with 45dgrs angle
M18 Φ 25 L=20-5mm



0B40

Mild Steel Lambda boss
with 40dgrs angle
M18 Φ 27 L=36-10mm



500084

S/Steel Plug M18



BOSSM18

MILD STEEL
Lambda boss 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



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



0B060

Mild Steel Lambda boss
with 60dgrs angle
M18 Φ 27 L=25-10mm



LB079

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

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

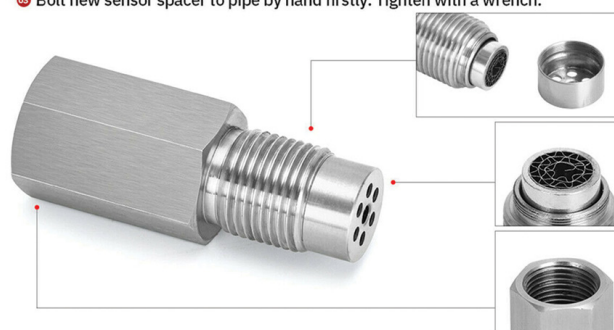
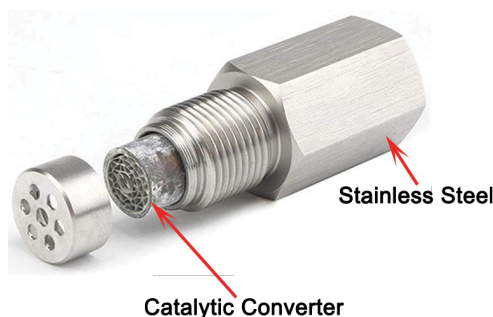
Cel-Fix Adaptor
with Metallic Cat Euro5 90dgrs / M18

SA690

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

► 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!!!

