



# *UNIVERSAL PARTS*

*For exhaust systems*



**PIPES**  
**BENDS**  
**FLEX PARTS**  
**FLANGES**  
**CATALYSTS**  
**MUFFLERS**  
**CLAMPS**  
**and more...**



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Dear Customers,

You are viewing our updated universal parts catalogue. We have added hundreds of new parts to our comprehensive selection and cover now sizes from smallest possible automotive size to heavy duty vehicles. The portfolio includes now straight pipes, elbows, curves, connecting parts, flanges, clamps, universal catalysts, mufflers and many more. We develop our selection continuously and your feedback is very much appreciated. Hope to see you soon.

COMPANY WITH  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
ISO 9001 • ISO 14001  
ISO 45001

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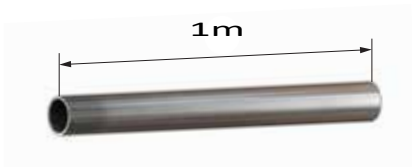


FENNO NEWS



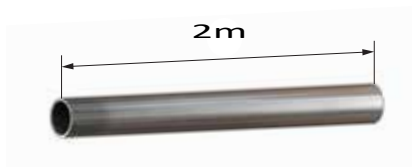


Straight pipes 1 m  
no expansion



pipe OD	wall	material	Fenno
mm	mm		number
40	1,5	aluminized	P8490
44	1,5	aluminized	P8491
48	1,5	aluminized	P8594
50,8	1,5	aluminized	P8595
55	1,5	aluminized	P8596
60	1,5	aluminized	P8597
63,5	1,5	aluminized	P8598
70	1,5	aluminized	P8599
76	1,5	aluminized	P8549
89	1,5	aluminized	P8312
101,6	1,5	aluminized	T80101
110	1,5	aluminized	T80102
114,3	1,5	aluminized	T80103
120	1,5	aluminized	T80104
127	1,5	aluminized	T80105
140	1,5	aluminized	T80106
150	1,5	aluminized	T80107
89	1,5	stainless AISI304	P8312SS
101,6	1,5	stainless AISI304	T80101SS
110	1,5	stainless AISI304	T80102SS
114,3	1,5	stainless AISI304	T80103SS
120	1,5	stainless AISI304	T80104SS
127	1,5	stainless AISI304	T80105SS
140	1,5	stainless AISI304	T80106SS
150	1,5	stainless AISI304	T80107SS

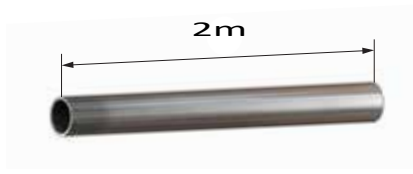
Straight pipes 2 m  
no expansion



pipe OD	wall	material	Fenno
mm	mm		number
32	1,5	aluminized	P8285
35	1,5	aluminized	P8411
38	1,5	aluminized	P8412
40	1,5	aluminized	P8413
42	1,5	aluminized	P85145
44	1,5	aluminized	P8414
45	1,5	aluminized	P85144
48	1,5	aluminized	P8415
50	1,5	aluminized	P85150
50,8	1,5	aluminized	P8416
50,8	2,0	aluminized	P85140
54	1,5	aluminized	P85142
54	2,0	aluminized	P85143
55	1,5	aluminized	P8417
57	1,5	aluminized	P85141
60	1,5	aluminized	P8418
63,5	1,5	aluminized	P8532
70	1,5	aluminized	P8419
76	1,5	aluminized	P8420
89	1,5	aluminized	P8313
101,6	1,5	aluminized	T80108
110	1,5	aluminized	T80109
114,3	1,5	aluminized	T80110
120	1,5	aluminized	T80111
127	1,5	aluminized	T80112
140	1,5	aluminized	T80113
150	1,5	aluminized	T80114



Straight pipes 2 m  
no expansion  
...continues



pipe OD	wall	material	Fenno
mm	mm		number
89	1,5	stainless AISI304	P8313SS
101,6	1,5	stainless AISI304	T80108SS
110	1,5	stainless AISI304	T80109SS
114,3	1,5	stainless AISI304	T80110SS
120	1,5	stainless AISI304	T80111SS
127	1,5	stainless AISI304	T80112SS
140	1,5	stainless AISI304	T80113SS
150	1,5	stainless AISI304	T80114SS

Straight pipes 0,5 m  
one end expanded



pipe OD	wall	material	Fenno
mm	mm		number
28	1,5	aluminized	P85151
32	1,5	aluminized	P85152
35	1,5	aluminized	P85153
38	1,5	aluminized	P8882
40	1,5	aluminized	P8500
42	1,5	aluminized	P85146
44	1,5	aluminized	P8460
45	1,5	aluminized	P85147
48	1,5	aluminized	P8501
50	1,5	aluminized	P85154
50,8	1,5	aluminized	P8465
54	1,5	aluminized	P85148
55	1,5	aluminized	P8502
57	1,5	aluminized	P85149
60	1,5	aluminized	P8472
63,5	1,5	aluminized	P8530
70	1,5	aluminized	P8521
76	1,5	aluminized	P8540
89	1,5	aluminized	P8310

Straight pipes 1 m  
one end expanded



pipe OD	wall	material	Fenno
mm	mm		number
38	1,5	aluminized	P8883
40	1,5	aluminized	P8503
42	1,5	aluminized	P85156
44	1,5	aluminized	P8461
45	1,5	aluminized	P85157
48	1,5	aluminized	P8504
50	1,5	aluminized	P85155
50,8	1,5	aluminized	P8466
54	1,5	aluminized	P85158
55	1,5	aluminized	P8505
57	1,5	aluminized	P85159
60	1,5	aluminized	P8473
63,5	1,5	aluminized	P8531
70	1,5	aluminized	P8522
76	1,5	aluminized	P8541
89	1,5	aluminized	P8311
101,6	1,5	aluminized	T80157
110	1,5	aluminized	T80158
114,3	1,5	aluminized	T80159
120	1,5	aluminized	T80160
127	1,5	aluminized	T80161



## Perforated pipes 1 m



pipe OD	wall	material	Fenno
mm	mm		number
40	1,5	aluminized	P8512
44	1,5	aluminized	P8513
48	1,5	aluminized	P8514
50,8	1,5	aluminized	P8515
55	1,5	aluminized	P8516
60	1,5	aluminized	P8517
63,5	1,5	aluminized	P8518
76	1,5	aluminized	P8519

## 30 degree bends one end expanded



pipe OD	wall	material	Fenno
mm	mm		number
38	1,5	aluminized	P8885
40	1,5	aluminized	P8506
44	1,5	aluminized	P8462
48	1,5	aluminized	P8507
50,8	1,5	aluminized	P8467
55	1,5	aluminized	P8508
60	1,5	aluminized	P8474
63,5	1,5	aluminized	P8534
70	1,5	aluminized	P8524
76	1,5	aluminized	P8543
89	1,5	aluminized	P8314

## 45 degree bends one end expanded



pipe OD	wall	material	Fenno
mm	mm		number
38	1,5	aluminized	P8886
40	1,5	aluminized	P8433
44	1,5	aluminized	P8434
48	1,5	aluminized	P8435
50,8	1,5	aluminized	P8436
55	1,5	aluminized	P8437
60	1,5	aluminized	P8438
63,5	1,5	aluminized	P8535
70	1,5	aluminized	P8525
76	1,5	aluminized	P8544
89	1,5	aluminized	P8574
101,6	1,5	aluminized	T80121
110	1,5	aluminized	T80122
114,3	1,5	aluminized	T80123
120	1,5	aluminized	T80124
127	1,5	aluminized	T80125
140	2,0	aluminized	T80126
89	1,5	stainless AISI304	P8574SS
101,6	1,5	stainless AISI304	T80121SS
110	1,5	stainless AISI304	T80122SS
114,3	1,5	stainless AISI304	T80123SS
120	1,5	stainless AISI304	T80124SS
127	1,5	stainless AISI304	T80125SS
140	1,5	stainless AISI304	T80126SS



60 degree bends  
one end expanded



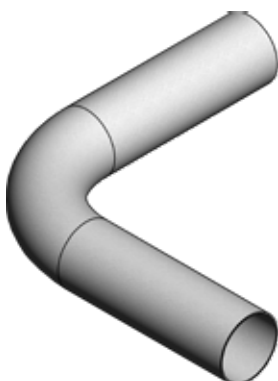
pipe OD	wall	material	Fenno
mm	mm		number
38	1,5	aluminized	P8887
40	1,5	aluminized	P8509
44	1,5	aluminized	P8463
48	1,5	aluminized	P8510
50,8	1,5	aluminized	P8468
55	1,5	aluminized	P8511
60	1,5	aluminized	P8475
63,5	1,5	aluminized	P8536
70	1,5	aluminized	P8526
76	1,5	aluminized	P8545
89	1,5	aluminized	P8315

90 degree bends  
one end expanded



pipe OD	wall	material	Fenno
mm	mm		number
38	1,5	aluminized	P8888
40	1,5	aluminized	P8443
44	1,5	aluminized	P8444
48	1,5	aluminized	P8445
50,8	1,5	aluminized	P8446
55	1,5	aluminized	P8447
60	1,5	aluminized	P8448
63,5	1,5	aluminized	P8537
70	1,5	aluminized	P8527
76	1,5	aluminized	P8546
89	1,5	aluminized	P8576
101,6	1,5	aluminized	T80115
110	1,5	aluminized	T80116
114,3	1,5	aluminized	T80117
120	1,5	aluminized	T80118
127	1,5	aluminized	T80119
140	2,0	aluminized	T80120
89	1,5	stainless AISI304	P8576SS
101,6	1,5	stainless AISI304	T80115SS
110	1,5	stainless AISI304	T80116SS
114,3	1,5	stainless AISI304	T80117SS
120	1,5	stainless AISI304	T80118SS
127	1,5	stainless AISI304	T80119SS
140	1,5	stainless AISI304	T80120SS

90 degree bends  
no expansion



pipe OD	wall	material	Fenno
mm	mm		number
32	1,5	aluminized	P8394
38	1,5	aluminized	in process
40	1,5	aluminized	in process
44	1,5	aluminized	in process
48	1,5	aluminized	in process
50,8	1,5	aluminized	in process
55	1,5	aluminized	in process
60	1,5	aluminized	in process
63,5	1,5	aluminized	in process
70	1,5	aluminized	P8395
76	1,5	aluminized	P8396
89	1,5	aluminized	P8397



## Connecting pipes with three diameters



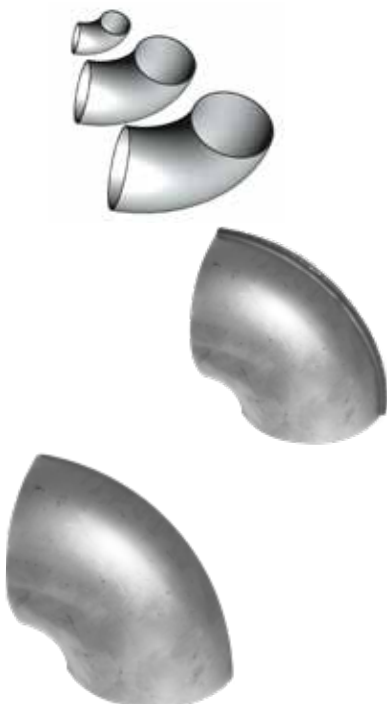
OD A/B/C mm	wall mm	length mm	material	Fenno number
44/40/38	1,5	210	aluminized	P8449
48/44/40	1,5	210	aluminized	P8464
50,8/48/41	1,5	160	aluminized	P85118
50,8/48/44	1,5	210	aluminized	P8469
55/50,8/48	1,5	210	aluminized	P8470
63,5/57/50,8	1,5	200	aluminized	P85119
63,5/60/56	1,5	210	aluminized	P8476
76/70/63,5	1,5	230	aluminized	P8548

## Connecting pipes both ends expanded



ID/L mm	wall mm	material	Fenno number
38,5/120	1,5	aluminized	P8884
40,5/120	1,5	aluminized	P8423
44,5/120	1,5	aluminized	P8424
48,5/120	1,5	aluminized	P8425
51,3/120	1,5	aluminized	P8426
55,5/120	1,5	aluminized	P8427
60,5/120	1,5	aluminized	P8428
64/120	1,5	aluminized	P8533
70,5/120	1,5	aluminized	P8523
76,5/150	1,5	aluminized	P8542
90/250	1,5	aluminized	P8572
103/300	1,5	aluminized	P8573
111/300	1,5	aluminized	T80138
115/300	1,5	aluminized	T80139
121/300	1,5	aluminized	T80140
128/300	1,5	aluminized	T80141
90/300	1,5	stainless AISI304	P8572SS
103/300	1,5	stainless AISI304	P8573SS
111/300	1,5	stainless AISI304	T80138SS
115/300	1,5	stainless AISI304	T80139SS
121/300	1,5	stainless AISI304	T80140SS
128/300	1,5	stainless AISI304	T80141SS

## Tight radius curves



OD mm	wall mm	material/type	Fenno number
38	1,5	aluminized/bent design	P85100
42	1,5	aluminized/bent design	P85101
44	1,5	aluminized/bent design	P85102
48	1,5	aluminized/bent design	P85103
50,8	1,5	aluminized/bent design	P85104
55	1,5	aluminized/bent design	P85105
60	1,5	aluminized/bent design	P85106
63,5	1,5	aluminized/bent design	P85107
76	1,5	aluminized/bent design	P85108
89	1,5	aluminized/welded design	P85109
101,6	1,5	aluminized/welded design	P85110
114,3	1,5	aluminized/welded design	T80136
127	1,5	aluminized/welded design	T80137
38	1,5	stainless AISI304, bent design, polished	P85111
44	1,5	stainless AISI304, bent design, polished	P85112
50,8	1,5	stainless AISI304, bent design, polished	P85113
63,5	2,0	stainless AISI304, bent design, polished	P85114
76	2,0	stainless AISI304, bent design, polished	P85115
89,0	2,0	stainless AISI304, bent design, polished	P85116
101,6	2,0	stainless AISI304, bent design, polished	P85117
114,3	2,0	stainless AISI304, bent design, polished	T80136SS
127	2,0	stainless AISI304, bent design, polished	T80137SS



## X-pipes

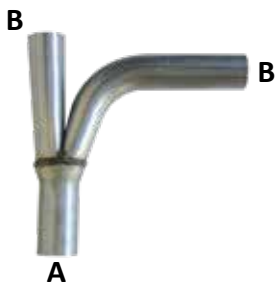
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A	wall	material	Fenno
mm	mm		number
50,8	1,5	aluminized	P8349
63,5	1,5	aluminized	P8350
76	1,5	aluminized	P8351

## Y-pipes type 1



A	B	wall	material	Fenno
mm	mm	mm		number
48	44	1,5	aluminized	P8339
50,8	48	1,5	aluminized	P8340
55	50,8	1,5	aluminized	P8341
63,5	50,8	1,5	aluminized	P8342
63,5	63,5	1,5	aluminized	P8343
76	63,5	1,5	aluminized	P8344
76	76	1,5	aluminized	P8346
89	76	1,5	aluminized	P8347

## Y-pipes type 2



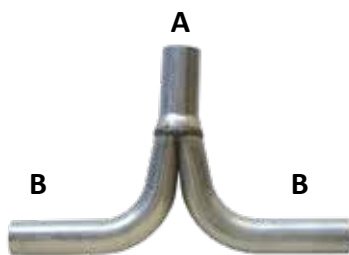
A	B	wall	material	Fenno
mm	mm	mm		number
50,8	44	1,5	aluminized	P8565
57	48	1,5	aluminized	P8566
63,5	50,8	1,5	aluminized	P8567
76	63,5	1,5	aluminized	P8568

## Y-pipes type 3



OD	wall	material	Fenno
mm	mm		number
89	1,5	aluminized	T80127
101,6	1,5	aluminized	T80128
114,3	1,5	aluminized	T80129
127	1,5	aluminized	T80130
89	1,5	stainless AISI304	T80127SS
101,6	1,5	stainless AISI304	T80128SS
114,3	1,5	stainless AISI304	T80129SS
127	1,5	stainless AISI304	T80130SS

## T-pipes



A	B	wall	material	Fenno
mm	mm	mm		number
48	44	1,5	aluminized	P8331
50,8	48	1,5	aluminized	P8332
55	50,8	1,5	aluminized	P8333
63,5	50,8	1,5	aluminized	P8334
63,5	63,5	1,5	aluminized	P8335
76	63,5	1,5	aluminized	P8336
76	76	1,5	aluminized	P8337
89	76	1,5	aluminized	P8338





## Universal over-axle pipes



pipe OD mm	wall mm	material	Fenno number
38	1,5	aluminized	P8889
40	1,5	aluminized	P8453
44	1,5	aluminized	P8454
48	1,5	aluminized	P8455
50,8	1,5	aluminized	P8456
55	1,5	aluminized	P8457
60	1,5	aluminized	P8458
63,5	1,5	aluminized	P8538
70	1,5	aluminized	P8528
76	1,5	aluminized	P8547
89	1,5	aluminized	P8316

## Exhaust J bends



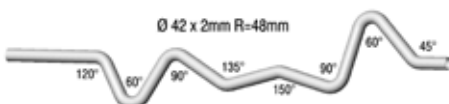
pipe OD mm	wall mm	material	Fenno number
35	1,5	aluminized	P8320
38	1,5	aluminized	P8321
40	1,5	aluminized	P8322
44	1,5	aluminized	P8323
48	1,5	aluminized	P8324
50,8	1,5	aluminized	P8325
55	1,5	aluminized	P8326
60	1,5	aluminized	P8327
63,5	1,5	aluminized	P8328
76	1,5	aluminized	P8329
89	1,5	aluminized	P8330

## Exhaust bends all in one



pipe OD mm	wall mm	material	Fenno number
40	1,5	aluminized	P8370
44	1,5	aluminized	P8371
44	1,5	stainless steel	P8371SS
48	1,5	aluminized	P8372
48	1,5	stainless steel	P8372SS
50,8	1,5	aluminized	P8373
50,8	1,5	stainless steel	P8373SS
55	1,5	aluminized	P8374
55	1,5	stainless steel	P8374SS
60	1,5	aluminized	P8375
60	1,5	stainless steel	P8375SS
63,5	1,5	aluminized	P8376
63,5	1,5	stainless steel	P8376SS
70	1,5	aluminized	P8378
70	1,5	stainless steel	P8378SS
76	1,5	aluminized	P8377
76	1,5	stainless steel	P8377SS

## Exhaust manifold pipe



pipe OD mm	wall mm	material	Fenno number
42	2,0	aluminized	P8892



## Universal flex joints with inner braid liner



ID	length	material	Fenno
mm	mm		number
32,5	152	stainless steel	P8829
35,5	152	stainless steel	P8830
42,5	102	stainless steel	P8831
42,5	152	stainless steel	P8832
42,5	203	stainless steel	P8833
42,5	254	stainless steel	P8834
45,5	102	stainless steel	P8604
45,5	152	stainless steel	P8606
45,5	203	stainless steel	P8608
45,5	254	stainless steel	P8610
48,5	102	stainless steel	P8609
48,5	152	stainless steel	P8611
48,5	203	stainless steel	P8812
48,5	254	stainless steel	P8613
51,3	102	stainless steel	P8618
51,3	152	stainless steel	P8619
51,3	203	stainless steel	P8620
51,3	254	stainless steel	P8621
54,5	102	stainless steel	P8614
54,5	152	stainless steel	P8615
54,5	203	stainless steel	P8616
54,5	254	stainless steel	P8617
57,5	102	stainless steel	P8625
57,5	152	stainless steel	P8623
57,5	203	stainless steel	P8622
57,5	254	stainless steel	P8626
60,5	102	stainless steel	P8627
60,5	152	stainless steel	P8607
60,5	203	stainless steel	P8628
60,5	254	stainless steel	P8629
63,5	102	stainless steel	P8624
63,5	152	stainless steel	P8635
63,5	203	stainless steel	P8636
63,5	254	stainless steel	P8637
76,5	102	stainless steel	P8681
76,5	152	stainless steel	P8682
76,5	203	stainless steel	P8683
76,5	254	stainless steel	P8684

## Universal flex joints with welded stub pipes



ID	length	material	Fenno
mm	mm		number
25,5	260	stainless/aluminized	P8601
32,5	290	stainless/aluminized	P8602
44,5	254	stainless/aluminized	P8736
44,5	305	stainless/aluminized	P8739
48,5	254	stainless/aluminized	P8793
48,5	305	stainless/aluminized	P8794
51,3	254	stainless/aluminized	P8737
51,3	305	stainless/aluminized	P8740
55,5	254	stainless/aluminized	P8795
55,5	305	stainless/aluminized	P8796
57,5	254	stainless/aluminized	P8738
57,5	305	stainless/aluminized	P8741
60,5	254	stainless/aluminized	P8797
60,5	305	stainless/aluminized	P8798
64,0	305	stainless/aluminized	P8742
76,5	305	stainless/aluminized	P8743



Universal flex joints  
type interlock for high  
temperatures



ID	length	material	Fenno
mm	mm		number
38,5	150	stainless AISI304	P8828
42,5	100	stainless AISI304	P8835
42,5	150	stainless AISI304	P8836
42,5	200	stainless AISI304	P8837
45,5	100	stainless AISI304	P8811
45,5	150	stainless AISI304	P8812
45,5	200	stainless AISI304	P8813
48,5	75	stainless AISI304	P80011
48,5	100	stainless AISI304	P8814
48,5	150	stainless AISI304	P8838
48,5	200	stainless AISI304	P8839
50,5	75	stainless AISI304	P80012
51,5	100	stainless AISI304	P8815
51,5	150	stainless AISI304	P8816
51,5	200	stainless AISI304	P8817
54,5	75	stainless AISI304	P80013
55,5	100	stainless AISI304	P8818
55,5	150	stainless AISI304	P8819
55,5	200	stainless AISI304	P8820
57,7	75	stainless AISI304	P80014
57,5	100	stainless AISI304	P80015
60,5	100	stainless AISI304	P8821
60,5	150	stainless AISI304	P8822
60,5	200	stainless AISI304	P8823
64	100	stainless AISI304	P8824
64	150	stainless AISI304	P8825
64	200	stainless AISI304	P8826
76,5	100	stainless AISI304	P8840
76,5	150	stainless AISI304	P8827
76,5	200	stainless AISI304	P8841
76,5	250	stainless AISI304	P8842
89,5	150	stainless AISI304	P8843
89,5	200	stainless AISI304	P8844
89,5	250	stainless AISI304	P8845
102	150	stainless AISI304	P80016
102	200	stainless AISI304	P80017
102	250	stainless AISI304	P80018
115	150	stainless AISI304	T80142SS
115	200	stainless AISI304	T80143SS
115	250	stainless AISI304	T80144SS
128	150	stainless AISI304	T80145SS
128	200	stainless AISI304	T80146SS
128	250	stainless AISI304	T80147SS

Universal flex joints  
type interlock for high  
temperatures, superflex



ID	length	material	Fenno
mm	mm		number
38,5	150	stainless AISI304	P80030
40,5	200	stainless AISI304	P80031
42,5	150	stainless AISI304	P80025
45,5	150	stainless AISI304	P80026
45,5	200	stainless AISI304	P8846
50,5	150	stainless AISI304	P80027
50,5	200	stainless AISI304	P8847
55,5	150	stainless AISI304	P80028
55,5	200	stainless AISI304	P8848
60,5	150	stainless AISI304	P80019
60,5	200	stainless AISI304	P8849
64,0	150	stainless AISI304	P80029
64,0	200	stainless AISI304	P8880
76,2	150	stainless AISI304	P80020



Universal flex joints  
type superflex, no inner  
braid liner



ID/OD	length	material	Fenno
mm	mm		number
55/64	250	stainless steel	P80023
55/64	300	stainless steel	P80022
63,5/85	300	stainless steel	P80021

Universal flex joints  
oval shape



ID	length	material	Fenno
mm	mm		number
45/55	210	stainless steel	P8881



FENNO NEWS



Pipe ends with  
expansion



OD pipe / ID expansion mm	length m	wall mm	material	Fenno number
88,9 / 90,5	0,5	1,5	aluminized	T80148
88,9 / 90,5	1,5	1,5	aluminized	T80149
88,9 / 90,5	2,5	1,5	aluminized	T80150
101,6 / 103,0	0,5	1,5	aluminized	T80151
101,6 / 103,0	1,5	1,5	aluminized	T80152
101,6 / 103,0	2,5	1,5	aluminized	T80153
114,3 / 115,0	0,5	1,5	aluminized	T80154
114,3 / 115,0	1,5	1,5	aluminized	T80155
114,3 / 115,0	2,5	1,5	aluminized	T80156
88,9 / 90,5	0,5	1,5	stainless AISI304	T80148SS
88,9 / 90,5	1,5	1,5	stainless AISI304	T80149SS
88,9 / 90,5	2,5	1,5	stainless AISI304	T80150SS
101,6 / 103,0	0,5	1,5	stainless AISI304	T80151SS
101,6 / 103,0	1,5	1,5	stainless AISI304	T80152SS
101,6 / 103,0	2,5	1,5	stainless AISI304	T80153SS
114,3 / 115,0	0,5	1,5	stainless AISI304	T80154SS
114,3 / 115,0	1,5	1,5	stainless AISI304	T80155SS
114,3 / 115,0	2,5	1,5	stainless AISI304	T80156SS



Flexible exhaust pipes  
type 1S, 0,5 m



ID	length	material	Fenno
mm	m		number
41	0,5	stainless AISI201	P80001
44	0,5	stainless AISI201	P80002
48	0,5	stainless AISI201	P80003
51	0,5	stainless AISI201	P80004
54	0,5	stainless AISI201	P80005
60	0,5	stainless AISI201	P80006
64	0,5	stainless AISI201	P80007
76	0,5	stainless AISI201	P80008
89	0,5	stainless AISI201	P80009
102	0,5	stainless AISI201	P80010

Flexible exhaust pipes  
type 1S, 1 m



ID	length	material	Fenno
mm	m		number
41	1	stainless AISI201	P8770
44	1	stainless AISI201	P8771
48	1	stainless AISI201	P8772
51	1	stainless AISI201	P8773
54	1	stainless AISI201	P8774
60	1	stainless AISI201	P8775
64	1	stainless AISI201	P8776
76	1	stainless AISI201	P8777
89	1	stainless AISI201	P8778
103	1	stainless AISI201	P8779
103	1	stainless AISI304	T80131SS
111	1	stainless AISI304	T80132SS
115	1	stainless AISI304	T80133SS
121	1	stainless AISI304	T80134SS
128	1	stainless AISI304	T80135SS

Flexible exhaust pipes  
type 1S, 2 m



ID	length	material	Fenno
mm	m		number
41	2	stainless AISI201	P8780
44	2	stainless AISI201	P8781
48	2	stainless AISI201	P8782
51	2	stainless AISI201	P8783
54	2	stainless AISI201	P8784
60	2	stainless AISI201	P8785
64	2	stainless AISI201	P8786
76	2	stainless AISI201	P8787
89	2	stainless AISI201	P8788
102	2	stainless AISI201	P8789
128	2	stainless AISI304	T80165SS
153	2	galvanized	T80162
153	2	stainless AISI304	T80162SS

Auxiliary heater tube  
Webasto type



ID	length	material	Fenno
mm	m		number
22	20	stainless	T80583SS
24	20	stainless	T80584SS
30	20	stainless	T80585SS
38	20	stainless	T80586SS
70	10	stainless	T80587SS



## Universal clamps M8

quantity/packing 10 pcs



clamp ID/thread	material	Fenno
mm		number
25/M8	galvanized	X91125
28/M8	galvanized	X91128
32/M8	galvanized	X91132
35/M8	galvanized	X91135
38/M8	galvanized	X91138
40/M8	galvanized	X91140
42/M8	galvanized	X91142
45/M8	galvanized	X91145
48/M8	galvanized	X91148
50/M8	galvanized	X91150
52/M8	galvanized	X91152
54/M8	galvanized	X91154
56/M8	galvanized	X91156
58/M8	galvanized	X91158
60/M8	galvanized	X91160
63/M8	galvanized	X91163
65/M8	galvanized	X91165
68/M8	galvanized	X91168
70/M8	galvanized	X91170
73/M8	galvanized	X91173
75/M8	galvanized	X91175
80/M8	galvanized	X91180
83/M8	galvanized	X91183
90/M8	galvanized	X91190
92/M8	galvanized	X91192
95/M8	galvanized	X91195
102/M8	galvanized	X91202
45/M8	stainless AISI304	X91345
48/M8	stainless AISI304	X91348
50/M8	stainless AISI304	X91350
52/M8	stainless AISI304	X91352
54/M8	stainless AISI304	X91354
56/M8	stainless AISI304	X91356
58/M8	stainless AISI304	X91358
63/M8	stainless AISI304	X91360
63/M8	stainless AISI304	X91363
65/M8	stainless AISI304	X91365
68/M8	stainless AISI304	X91368
70/M8	stainless AISI304	X91370
73/M8	stainless AISI304	X91373
75/M8	stainless AISI304	X91375
80/M8	stainless AISI304	X91380
83/M8	stainless AISI304	X91383
90/M8	stainless AISI304	X91390
92/M8	stainless AISI304	X91392
95/M8	stainless AISI304	X91395
102/M8	stainless AISI304	X91399



FENNO NEWS



## Universal clamps M10

quantity/packing 10 pcs



clamp ID/thread	material	Fenno
mm		number
42/M10	galvanized	X91242
45/M10	galvanized	X91245
48/M10	galvanized	X91248
50/M10	galvanized	X91250
52/M10	galvanized	X91252
54/M10	galvanized	X91254
56/M10	galvanized	X91256
58/M10	galvanized	X91258
60/M10	galvanized	X91260
65/M10	galvanized	X91265
76/M10	galvanized	X91276
80/M10	galvanized	X91280
90/M10	galvanized	X91290
92/M10	galvanized	X91292
95/M10	galvanized	X91295
102/M10	galvanized	X91302
105/M10	galvanized	T80531
108/M10	galvanized	X91308
110/M10	galvanized	T80532
115/M10	galvanized	X91315
120/M10	galvanized	X91320
124/M10	galvanized	T80533
127/M10	galvanized	X91327
130/M10	galvanized	T80534
135/M10	galvanized	X91335
140/M10	galvanized	T80535
142/M10	galvanized	T80536
145/M10	galvanized	T80537
150/M10	galvanized	T80538
155/M10	galvanized	T80539
160/M10	galvanized	T80540
165/M10	galvanized	T80541
90/M10	stainless AISI304	X91290SS
92/M10	stainless AISI304	X91292SS
95/M10	stainless AISI304	X91295SS
102/M10	stainless AISI304	X91302SS
105/M10	stainless AISI304	T80531SS
108/M10	stainless AISI304	X91308SS
110/M10	stainless AISI304	T80532SS
115/M10	stainless AISI304	X91315SS
120/M10	stainless AISI304	X91320SS
124/M10	stainless AISI304	T80533SS
127/M10	stainless AISI304	X91327SS
130/M10	stainless AISI304	T80534SS
135/M10	stainless AISI304	X91335SS
140/M10	stainless AISI304	T80535SS
142/M10	stainless AISI304	T80536SS
145/M10	stainless AISI304	T80537SS
150/M10	stainless AISI304	T80538SS
155/M10	stainless AISI304	T80539SS
160/M10	stainless AISI304	T80540SS
165/M10	stainless AISI304	T80541SS



FENNO NEWS



## Universal clamps M8

quantity/packing 10 pcs



clamp ID/thread	material	Fenno
mm		number
45/M8	galvanized	X92145
48/M8	galvanized	X92148
52/M8	galvanized	X92152
54/M8	galvanized	X92154
58/M8	galvanized	X92158
60/M8	galvanized	X92160
65/M8	galvanized	X92165
67/M8	galvanized	X92167

## Cone clamps

quantity/packing 10 pcs  
especially for French cars



clamp ID	material	Fenno
mm		number
54	galvanized	X93454
59	galvanized	X93459
61	galvanized	X93461
67	galvanized	X93467
70	galvanized	X93470
73	galvanized	X93473
77	galvanized	X93477
80	galvanized	X93480
90	galvanized	X93490

## Universal flex clamps

quantity/packing 10 pcs



tube OD	tube OD	material	Fenno
min mm	max mm		number
88,9	93,6	galvanized	T80501
100	105,0	galvanized	T80502
101,6	106,6	galvanized	T80503
114,3	119,0	galvanized	T80504
120	125,0	galvanized	T80505
127	132,0	galvanized	T80506
152	158,0	galvanized	T80507
88,9	93,6	stainless AISI304	T80501SS
100	105,0	stainless AISI304	T80502SS
101,6	106,6	stainless AISI304	T80503SS
114,3	119,0	stainless AISI304	T80504SS
120	125,0	stainless AISI304	T80505SS
127	132,0	stainless AISI304	T80506SS
152	158,0	stainless AISI304	T80507SS

## Wide clamps

quantity/packing 10 pcs



clamp ID	material	Fenno
mm		number
88,9	galvanized	T80508
100	galvanized	T80509
101,6	galvanized	T80510
114,3	galvanized	T80511
120	galvanized	T80512
127	galvanized	T80513
152	galvanized	T80514
88,9	stainless AISI304	T80508SS
100	stainless AISI304	T80509SS
101,6	stainless AISI304	T80510SS
114,3	stainless AISI304	T80511SS
120	stainless AISI304	T80512SS
127	stainless AISI304	T80513SS
152	stainless AISI304	T80514SS



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## DIN clamps

quantity/packing 10 pcs



ID	length	material	Fenno
mm	mm		number
90,5	30	galvanized	T80515
94,5	30	galvanized	T80516
100,5	30	galvanized	T80517
104,5	30	galvanized	T80518
110,5	30	galvanized	T80519
114,5	30	galvanized	T80520
120,5	30	galvanized	T80521
124,5	30	galvanized	T80522
127,5	30	galvanized	T80523
130,5	30	galvanized	T80524
90,5	30	stainless AISI304	T80515SS
94,5	30	stainless AISI304	T80516SS
100,5	30	stainless AISI304	T80517SS
104,5	30	stainless AISI304	T80518SS
110,5	30	stainless AISI304	T80519SS
114,5	30	stainless AISI304	T80520SS
120,5	30	stainless AISI304	T80521SS
124,5	30	stainless AISI304	T80522SS
127,5	30	stainless AISI304	T80523SS
130,5	30	stainless AISI304	T80524SS

## Circle clamps

quantity/packing 10 pcs



clamp ID	material	Fenno
mm		number
83-94	galvanized	T80525
95-107	galvanized	T80526
108-114	galvanized	T80527
115-119	galvanized	T80528
120-132	galvanized	T80529
142-154	galvanized	T80530
83-94	stainless AISI304	T80525SS
95-107	stainless AISI304	T80526SS
108-114	stainless AISI304	T80527SS
115-119	stainless AISI304	T80528SS
120-132	stainless AISI304	T80529SS
142-154	stainless AISI304	T80530SS



FENNO NEWS



## VOLVO clamps



clamp ID	material	Fenno
mm		number
96	galvanized	T80542
100	galvanized	T80543
108	galvanized	T80544
114	galvanized	T80545
120	galvanized	T80546
127	galvanized	T80547
134	galvanized	T80548
147	galvanized	T80549
159	galvanized	T80550
96	stainless AISI304	T80542SS
100	stainless AISI304	T80543SS
108	stainless AISI304	T80544SS
114	stainless AISI304	T80545SS
120	stainless AISI304	T80546SS
127	stainless AISI304	T80547SS
134	stainless AISI304	T80548SS
147	stainless AISI304	T80549SS
159	stainless AISI304	T80550SS

## MERCEDES clamps



clamp ID	material	Fenno
mm		number
90,5	galvanized	T80551
96,5	galvanized	T80552
100	galvanized	T80553
105	galvanized	T80554
107	galvanized	T80555
110	galvanized	T80556
118	galvanized	T80557
122	galvanized	T80558
132	galvanized	T80559
135	galvanized	T80560
151	galvanized	T80561
90,5	stainless AISI304	T80551SS
96,5	stainless AISI304	T80552SS
100	stainless AISI304	T80553SS
105	stainless AISI304	T80554SS
107	stainless AISI304	T80555SS
110	stainless AISI304	T80556SS
118	stainless AISI304	T80557SS
122	stainless AISI304	T80558SS
132	stainless AISI304	T80559SS
135	stainless AISI304	T80560SS
151	stainless AISI304	T80561SS



CITROEN/PEUGEOT  
Universal clamps



clamp ID	material	Fenno
mm		number
47	galvanized	X93147
49	galvanized	X93149
53	galvanized	X93153
58	galvanized	X93158
66	galvanized	X93166
69	galvanized	X93169

RENAULT  
Universal clamps



clamp ID	material	Fenno
mm		number
47	galvanized	X93247
49	galvanized	X93249
54	galvanized	X93254
58	galvanized	X93258
61	galvanized	X93262
66	galvanized	X93266
69	galvanized	X93269
72	galvanized	X93272
80	galvanized	X93280

VAG  
Universal clamps



clamp ID	material	Fenno
mm		number
42,5	galvanized	X95042
45,5	galvanized	X95045
48,5	galvanized	X95048
51,5	galvanized	X95051
53,5	galvanized	X95053
58,5	galvanized	X95058
64,5	galvanized	X95064
68,5	galvanized	X95068

MERCEDES/turbo  
clamps



clamp ID	material	Fenno
mm		number
64	galvanized	X93564
75	galvanized	X93575
91	galvanized	X93591
93	galvanized	X93593
94	galvanized	X93594
95	galvanized	X93595

CITROEN/PEUGEOT  
Mini clamps



clamp ID	material	Fenno
mm		number
67	galvanized	X93667
70	galvanized	X93670
80	galvanized	X93680



## V-band clamps



type	material	Fenno
mm		number
VAG etc. D75, type A	stainless AISI304	X95430
Volvo etc. D86, type A	stainless AISI304	X95439
VAG etc. D100, type A	stainless AISI304	X95441
Volvo etc. D81, type B	stainless AISI304	X95438
BMW etc. D110, type C	stainless AISI304	X95431

## V-band clamps



type	material	Fenno
mm/inch		number
Pipe 51 / 2,0", cone D70	stainless AISI304	X93951
Pipe 57,2 / 2,25", cone D76	stainless AISI304	X93957
Pipe 63,5 / 2,5", cone D83	stainless AISI304	X93964
Pipe 76,2 / 3,0", cone D95	stainless AISI304	X93976
Pipe 82,6 / 3,25", cone D101	stainless AISI304	X93983
Pipe 88,9 / 3,5", cone D108	stainless AISI304	X93989
Pipe 95,3 / 3,75", cone 114	stainless AISI304	X93995
Pipe 101,6 / 4,0", cone D120	stainless AISI304	X93999

## V-band kit with machined flanges



type	material	Fenno
mm/inch		number
Pipe 51 / 2,0", cone D70	stainless AISI304	X93751
Pipe 57,2 / 2,25", cone D76	stainless AISI304	X93757
Pipe 60	stainless AISI304	X93760
Pipe 63,5 / 2,5", cone D83	stainless AISI304	X93764
Pipe 70 / 2,75", cone D83	stainless AISI304	X93770
Pipe 76,2 / 3,0", cone D95	stainless AISI304	X93776
Pipe 82,6 / 3,25", cone D101	stainless AISI304	X93783
Pipe 88,9 / 3,5", cone D108	stainless AISI304	X93789
Pipe 95,3 / 3,75", cone 114	stainless AISI304	X93795
Pipe 101,6 / 4,0", cone D120	stainless AISI304	X93799
Pipe 114,3 / 4,5", cone D133	stainless AISI304	X93800
Pipe 127,0 / 5,0", cone D146	stainless AISI304	X93801

## V-band slip joint type



type	material	Fenno
mm/inch		number
51 / 2,0	stainless AISI304	X93851
57,2 / 2,25	stainless AISI304	X93857
63,5 / 2,5	stainless AISI304	X93864
76,2 / 3,0	stainless AISI304	X93876
82,6 / 3,25	stainless AISI304	X93883
88,9 / 3,5	stainless AISI304	X93889
95,3 / 3,75	stainless AISI304	X93895
101,6 / 4,0	stainless AISI304	X93899

## Universal flange connections



for tube OD	material	Fenno
mm		number
51 / 2,0	aluminized + mild	P80050
63,5 / 2,5	aluminized + mild	P80051
76 / 3,0	aluminized + mild	P80052





Universal cone connections  
Citroen, Peugeot  
Renault  
repair cone kit



ID / OD/cone mm	material	Fenno number
37 / 40, cone 56,0	aluminized +galv.	P8893
41 / 45, cone 62,5	aluminized + mild steel	P8894
44 / 48, cone 66,5	aluminized + mild steel	P8895
46 / 50, cone 66,5	aluminized + mild steel	P8896
50 / 54, cone 71,0	aluminized + mild steel	P8897
56 / 60, cone 80,0	aluminized + mild steel	P8898
61 / 65, cone 80,0	aluminized + mild steel	P8938

V-band connection aluminized VOLVO type



type pipe OD mm/inch	material	Fenno number
101,6 / 4 male connection	aluminized	T80577
101,6 / 4 female connection	aluminized	T80579
101,6 clamp	galvanized	T80582
114,3 / 4,5 male connection	aluminized	T80573
114,3 / 4,5 female connection	aluminized	T80575
114,4 clamp	galvanized	T80574
127 / 5 male connection	aluminized	T80576
127 / 5 female connection	aluminized	T80578
127 clamp	galvanized	T80592

V-band connection stainless VOLVO type



type pipe OD mm/inch	material	Fenno number
101,6 / 4 male connection	stainless	T80577SS
101,6 / 4 female connection	stainless	T80579SS
101,6 clamp	stainless	T80582SS
114,3 / 4,5 male connection	stainless	T80573SS
114,3 / 4,5 female connection	stainless	T80575SS
114,3 clamp	stainless	T80574SS
127 / 5 male connection	stainless	T80576SS
127 / 5 female connection	stainless	T80578SS
127 clamp	stainless	T80592SS

Universal flange kit



for tube OD mm	material	Fenno number
50,8 / 2,0	mild steel	P8685
	gasket	X75269

Universal flange kit



for tube OD mm	material	Fenno number
63,5 / 2,5	mild steel	P8686
	gasket	X75120



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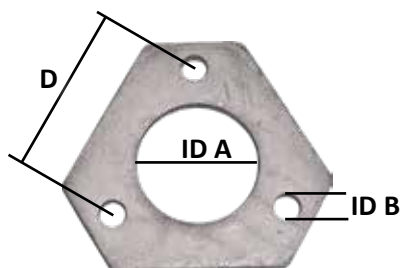


## Universal flange kit



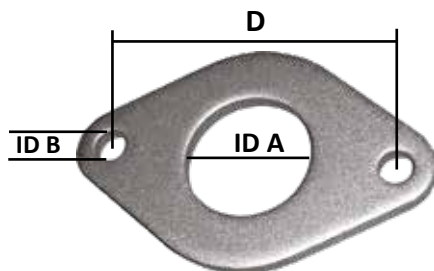
for tube OD	material	Fenno
mm		number
76 / 3,0	mild steel	P8687

## Exhaust flanges



ID A	ID B	D	material	Fenno
mm	mm	mm		number
49,5	10	67,8	mild steel	P8630
50	10	78	mild steel	P8631
62	12,5	80	mild steel	P8632+X75120 gasket
64	11	82	mild steel	P8688
77	11	100	mild steel	P8689

## Exhaust flanges



ID A	ID B	D	material	Fenno
mm	mm	mm		number
49,5	12	80	mild steel	P8633
57	11,5	90	mild steel	P8634
52	11	82	mild steel	P8690+X75269 gasket
64	11	96	mild steel	P8691
77	11	110	mild steel	P8692

## Connecting pipes with clamps length 90 mm



ID	wall	material	Fenno
mm	mm		number
38	1,5	galvanized	P8790
40	1,5	galvanized	P8791
43	1,5	galvanized	P8792
45	1,5	galvanized	P8754
46	1,5	galvanized	P8751
48	1,5	galvanized	P8763
50	1,5	galvanized	P8756
55	1,5	galvanized	P8758
60	1,5	galvanized	P8760
65	1,5	galvanized	P8761
70	1,5	galvanized	P8762

## Connecting pipes with clamps length 120 mm



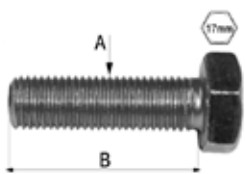
ID	wall	material	Fenno
mm	mm		number
43	1,5	galvanized	P8750
45	1,5	galvanized	P8753
48	1,5	galvanized	P8764
50	1,5	galvanized	P8755
55	1,5	galvanized	P8757
60	1,5	galvanized	P8759
65	1,5	galvanized	P8765
70	1,5	galvanized	P8766



## Lambda nuts and plugs



## Bolts and nuts



**P 8302**        A    B    Pcs.  
**M10 x 1,25 35 mm 10 Pcs.**



**P 8301**        A    B    Pcs.  
**M10 x 1,25 14 mm 10 Pcs.**

Note! Material is copper and flange type nut

## Manifold stud bolts

20 pcs/set



thread/length/pitch mm	car brand	Fenno number
M8/45x1,25	NISSAN	X12200
M8/35x1,25	AUDI, OPEL VW	X12201
M8/43x1,25	ALFA ROMEO	X12202
M8/88x1,25	RENAULT	X12203
M8/35x1,25	HONDA	X12204
M8/35x1,25	AUDI	X12205
M8/37x1,25	ALFA ROMEO, FIAT, OPEL, RENAULT	X12206
M8/41x1,25	FIAT, PORSCHE	X12207
M8/42x1,25	RENAULT	X12208
M8/47x1,25	VW	X12209
M8/47x1,25	NISSAN	X12210
M10/46x1,5	FORD	X12211
M10/37x1,25	TOYOTA	X12212
M10/40x1,5	MAZDA, VOLVO	X12213
M10/55x1,5	OPEL	X12214
M10/43x1,25	HONDA	X12215
M10/38x1,5	FORD	X12216
M10/39x1,25	HONDA	X12217
M10/52x1,5	FORD	X12218
M10/52x1,5	PEUGEOT	X12219
3/8"UNCx1,13/16"	VOLVO	X12220
3/8"UNCx1,9/16"	VOLVO	X12221

## U-bolts



thread	size mm	material	Fenno number
M8	30 x 30	galvanized	X95900
M8	40 x 40	galvanized	X95901
M8	50 x 50	galvanized	X95902
M8	60 x 40	galvanized	X95903
M8	60 x 60	galvanized	X95904
M8	80 x 60	galvanized	X95905



FENNO NEWS



## Exhaust wool



**P 8520**

Korkeaa lämpöä kestävä pakoputkivilla.

High temperature exhaust wool.

## Repair steel plate



dimensions	thickness	material	Fenno
mm	mm		number
400 x 1000	0,75	mild steel	P85238
500 x 1000	0,75	mild steel	P8800
500 x 1000	1,25	mild steel	P85237
800 x 1000	0,75	mild steel	P85239

## Angle steel plate



dimensions	thickness	material	Fenno
mm	mm		number
13 x 100 x 1000	1,0	mild steel	P85285

## Rain caps



fixing ID	material	Fenno
mm		number
63,5	galvanized steel	T80562
70,5	galvanized steel	T80563
76,5	galvanized steel	T80564
80,5	galvanized steel	T80565
90	galvanized steel	T80566
102	galvanized steel	T80567
105,5	galvanized steel	T80568
110,5	galvanized steel	T80569
120,5	galvanized steel	T80570
127,5	galvanized steel	T80571
152	galvanized steel	T80572
63,5	stainless AISI304	T80562SS
70,5	stainless AISI304	T80563SS
76,5	stainless AISI304	T80564SS
80,5	stainless AISI304	T80565SS
90	stainless AISI304	T80566SS
102	stainless AISI304	T80567SS
105,5	stainless AISI304	T80568SS
110,5	stainless AISI304	T80569SS
120,5	stainless AISI304	T80570SS
127,5	stainless AISI304	T80571SS
152	stainless AISI304	T80572SS

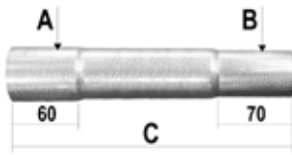


FENNO NEWS



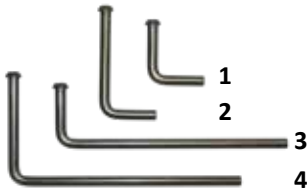


## Desibel inserts



inside to pipe	A	B	C	Fenno
mm	mm	mm	mm	number
50,8	47,5	38	200	P8477
63,5	60,2	52	220	P8478
76	72,8	65	250	P8479

## Hangers D 10 mm



D	Type	material	Fenno
mm			number
10	1	galvanized	X11190
10	2	galvanized	X11191
10	3	galvanized	X11192
10	4	galvanized	X11193

## Universal hanger



OD pipe min	OD pipe max	material	Fenno
mm	mm		number
38	51	galvanized	X11195



## Steel selection for hobby shops

Ask your Fenno contact for separate catalogue and more details about different combinations of tubes, bars, flats etc.

Shop exhibition / selling rack  
P8398



# Rubber hangers



- X30134** Ø 30 x 58
- X30151** Ø 36 x 61
- X30152** Ø 40 x 64
- X30153** Ø 45 x 69
- X30157** Ø 35 x 65



**X30143**

**X30114**

**X30105**

**X50123**

**X30188**

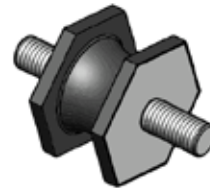
**X30127**

**X50122**

**X30150**



**X50110**  
M6 bolts



**X50158**  
M8 bolts  
**X50159**  
M10 bolts

M6 / thickness 21mm  
**X50160**



M8 / thickness 30mm  
**X50162**



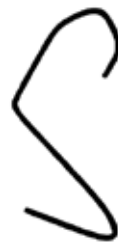
M8 / thickness 15mm  
**X50161**



M8 / Ø30mm / thickness 30mm  
**X50163**



# Hanging hook



**P 8400**

Material:

Ø 3 mm  
spring steel



FENNO NEWS



## Fenno DPF refill fluid

- Suitable for all PSA car models
- Comparable with PSA OE numbers:  
-9736A1, 9736A0, 973686, 973685, 997995 and 973665

- X10010 = Fenno DPF refill fluid 3 x 1 litres + 1 l empty bottle for waste fluid + mouting kit
- X10011 = Fenno DPF refill fluid 1 litre
- X10012 = Fenno DPF refill fluid mouting kit



## Copper grease X10003, 6 x 400 g

- Prevents disc squeal
- Anti-seize compound
- Effective up to 1000 deg C
- Protects against corrosion, oxidation and rust
- Eases assembly and dismantling:
  - brake linkages
  - battery terminals
  - screws, nuts and studs
  - splined shafts



## Exhaust jointing paste

- Withstands extreme temperatures
- Provides gas tight connections from manifold to tailpipe
- Lubricates joints during assembly
- Not to be used in joints upstream of catalytic converter
- Asbestos free

- X10000, 170 g (min order 12 pcs box)
- X10001, 5 x 500 g
- X10002, 5 x 500 g + gun



## Exhaust insulation wrap



dimensions	thickness	material	Fenno
mm	mm		number
50mm x 10m	1,50	glass fiber, max 800 °C	X10013
50mm x 10m	1,50	basalt fiber, max 1200 °C	X10014

Both items are delivered in plastic packaging and including 6 pcs of stainless steel bindings 4,6 mm x 300 mm.



FENNO NEWS



## Exhaust outlets



<b>P2887</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
38	65	140	



<b>P8704</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
58	89	178	



<b>P8700</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
58	101	210	



<b>P8705</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
58	2 x 70 x 80	240	



<b>P8701</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
58	101	230	



<b>P8706</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
58	2 x 76	200	



<b>P8702</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
52	80	152	



<b>P8707</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
68	70	110	



<b>P8703</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
51	120 x 78	115	



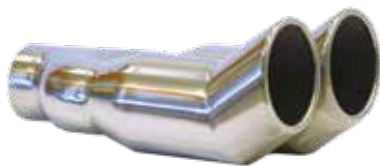
<b>P8708</b>	<b>exhaust outlet pakoputken pää</b>		
ID	OD	L	
64	89	155	



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## Exhaust outlets



<b>P8714</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	58	2 x 76	280



<b>P8719</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	45,5	54,5	128



<b>P8715</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	52	84 x 70	178



<b>P8720</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	51	57	165



<b>P8727</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	64	89	200



<b>P8721</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	51	57	165



<b>P8717</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	52	79 x 51	160



<b>P8722</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	51	57	200



<b>P8718</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	54	76	165



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## Exhaust outlets



<b>P8728</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	42	70	190



<b>P2965</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	58	60 x 100	120



<b>P6938</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	68	70	130



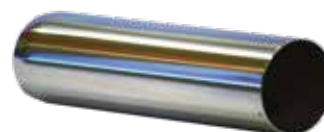
<b>P8734</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	46	60	130



<b>P 8723 P 8724</b>	<b>exhaust outlet - pakoputken pää</b>		
	ID	OD	L
	51	57	165
	51	63	165



<b>P8735</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	51	57	120



<b>P 8725 P 8726</b>	<b>exhaust outlet - pakoputken pää</b>		
	ID	OD	L
	51	57	165
	51	63	165



<b>P8748</b>	<b>exhaust outlet pakoputken pää</b>		
	ID	OD	L
	58	70 x 80	120



<b>P 8746 P 8747</b>	<b>exhaust outlet - pakoputken pää</b>		
	ID	OD	L
	55,5	70	90
	60,5	70	110





## Exhaust outlets with silencer



P8709	muffler vaimennin		
	ID	OD	L
	76	101	420



P8710	muffler vaimennin		
	ID	OD	L
	64	215 x 140 x 355	580



P8711	muffler vaimennin		
	ID	OD	L
	64	160 x 380	580



P8713	muffler vaimennin		
	ID	OD	L
	61	130 x 305	500



P8730	muffler vaimennin		
	ID	OD	L
	64	203 x 127 x 355	600



P8731	muffler vaimennin		
	ID	OD	L
	58	203 x 127 x 305	533



P8732	muffler vaimennin		
	ID	OD	L
	58	203 x 127 x 305	533



P8733	muffler vaimennin		
	ID	OD	L
	58	203 x 127 x 305	540

Äänenvaimentajia ilman E-hyväksyntää saa käyttää maantielikenteessä ainoastaan autoissa, jotka on valmistettu ennen vuotta 1999.

Noise silencers without E-approval are allowed to be used in road traffic only in cars manufactured before year 1999.



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# Universal mufflers and catalytic converters



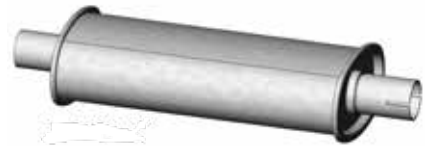
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Universal mufflers for pipes D23, D38 and D40



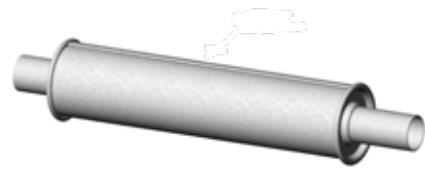
<b>P8557 FLAT</b>	<b>engine heater muffler D23 lisälämmittimen vaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	28 x 18 x 100 (180)	ID 24 / OD 24
	stainless steel	ruostumaton teräs



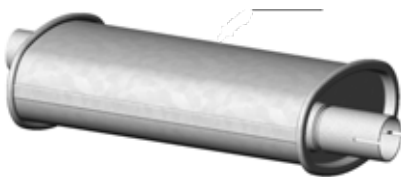
<b>P8452 FLAT</b>	<b>universal muffler D40 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	162 x 82 x 320 (440)	ID 40,5 / OD 40



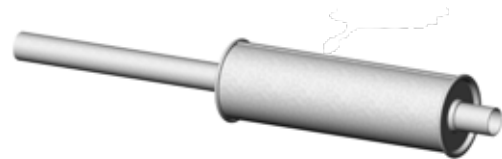
<b>P8890 ROUND</b>	<b>universal muffler D38 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 200 (320)	ID 38 / OD 38



<b>P8410 ROUND</b>	<b>universal muffler D44 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 400 (520)	OD 44 / OD 44



<b>P8891 FLAT</b>	<b>universal muffler D38 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	165 x 85 x 300 (420)	ID 38 / OD 38



<b>P8408 ROUND</b>	<b>universal muffler D44 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 400 (840)	OD 44 / OD 44



<b>P8450 ROUND</b>	<b>universal muffler D40 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 250 (380)	ID 40,5 / OD 40



<b>P8401 ROUND</b>	<b>universal muffler D44 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 500 (580)	ID 44,5 / OD 44
	non-free-flow	ei vapaavirtaus



<b>P8451 FLAT</b>	<b>universal muffler D40 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	165 x 85 x 320 (440)	ID 40,5 / OD 40
	non-free-flow	ei vapaavirtaus



<b>P8480 FLAT</b>	<b>universal muffler D44 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	165 x 85 x 315 (445)	ID 44,5 / OD 44



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## Universal mufflers for pipes D44, D50,8, D55 and D60



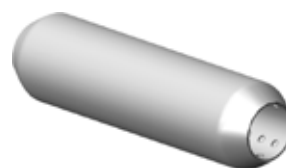
<b>P8409</b> <b>ROUND</b>	<b>universal muffler D50,8 / 2" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 400 (840)	ID 51,3 / OD 50,8



<b>P8482</b> <b>FLAT</b>	<b>universal muffler D50,8 / 2" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	165 x 85 x 420 (550)	ID 51,3 / OD 50,8



<b>P8483</b> <b>ROUND</b>	<b>universal muffler D50,8 / 2" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 400 (530)	ID 51,3 / OD 50,8



<b>P8496</b> <b>ROUND</b>	<b>pipe muffler D55 putkivaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D76 x 350	ID 52 / 52



<b>P8484</b> <b>ROUND</b>	<b>universal muffler D50,8 / 2" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 420 (550)	ID 51,3 / OD 50,8



<b>P8497</b> <b>ROUND</b>	<b>pipe muffler D60 putkivaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D89 x 350	ID 57 / 57



<b>P8404</b> <b>FLAT</b>	<b>universal muffler D50,8 / 2" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	165 x 85 x 400 (530)	ID 51,3 / OD 50,8
	non-free-flow	ei vapaavirtaus



<b>P8487</b> <b>ROUND</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 250 (380)	ID 60,5 / OD 60



<b>P8481</b> <b>FLAT</b>	<b>universal muffler D50,8 / 2" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	165 x 85 x 315 (445)	ID 51,3 / OD 50,8



<b>P8488</b> <b>ROUND</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D90 x 420 (550)	ID 60,5 / OD 60



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## Universal mufflers for pipes D60 and D63,5



<b>P8489</b> <b>ROUND</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 400 (530)	ID 60,5 / OD 60



<b>P8405</b> <b>FLAT</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	200 x 105 x 370 (480)	ID 60,5 / OD 60
	non-free-flow	ei vapaavirtaus



<b>P8402</b> <b>ROUND</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 400 (560)	ID 60,5 / OD 60
	non-free-flow	ei vapaavirtaus



<b>P1605</b> <b>FLAT</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	210 x 120 x 450 (570)	ID 57,5 / OD 56,5
	non-free-flow	ei vapaavirtaus



<b>P8407</b> <b>ROUND</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 700 (780)	OD 60 / OD 60



<b>P8498</b> <b>ROUND</b>	<b>pipe muffler D63.5 / 2,5" putkivaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D89 x 350	ID 60 / 60



<b>P8485</b> <b>FLAT</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	200 x 105 x 315 (445)	ID 60,5 / OD 60



<b>P8550</b> <b>ROUND</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 250 (380)	ID 64 / ID 64



<b>P8486</b> <b>FLAT</b>	<b>universal muffler D60 yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	200 x 105 x 420 (550)	ID 60,5 / OD 60



<b>P8551</b> <b>ROUND</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	120 x 420 (550)	ID 64 / ID 64



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## Universal mufflers for pipes D63,5 and D76



<b>P8499 FLAT</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	200 x 105 x 370 (480)	ID 63,5 / OD 63,5
	non-free-flow	ei vapaavirtaus



<b>P8556 FLAT</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	215 x 135 x 500 (630)	ID 64 / ID 64



<b>P8552 ROUND</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	120 x 620 (750)	ID 64 / ID 64



<b>P8560 ROUND</b>	<b>universal muffler D76 / 3" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D120 x 250 (400)	ID 76,5 / ID 76,5



<b>P8553 FLAT</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	180 x 120 x 320 (450)	ID 64 / ID 64



<b>P8561 ROUND</b>	<b>universal muffler D76 / 3" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	120 x 620 (770)	ID 76,5 / ID 76,5



<b>P8554 FLAT</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	180 x 120 x 320 (450)	2 x ID 51,3 / ID 64



<b>P8562 FLAT</b>	<b>universal muffler D76 / 3" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	215 x 135 x 250 (400)	ID 76,5 / ID 76,5



<b>P8555 FLAT</b>	<b>universal muffler D63,5 / 2,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	180 x 120 x 420 (550)	ID 64 / ID 64



<b>P8563 FLAT</b>	<b>universal muffler D76 / 3" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	215 x 135 x 320 (470)	2 x ID 64 / ID 76,5



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## Universal mufflers for pipes D76, D89 and D127



<b>P8564 FLAT</b>	<b>universal muffler D76 / 3" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	215 x 135 x 500 (650)	ID 76,5 / ID 76,5



<b>P8319 FLAT</b>	<b>universal muffler D89 / 3,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	215 x 135 x 500 (670)	ID 89,5 / ID 89,5



<b>T80302 ROUND</b>	<b>universal muffler D76 / 3" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D246 x 515 (590)	ID 76,5 / ID 76,5



<b>T80301 ROUND</b>	<b>universal muffler D127 / 5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D249 x 1041 (1219)	ID 128 / ID 128



<b>P8317 ROUND</b>	<b>universal muffler D89 / 3,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	D140 x 250 (420)	ID 89,5 / ID 89,5



<b>T80303 ROUND</b>	<b>universal muffler D101,6 / 4" with spark arrester yleisvaimennin kipinäverkolla</b>	
	<b>muffler</b>	<b>pipe</b>
	D310 x 1120 (1280)	ID 103 / OD 101,6



<b>P8318 FLAT</b>	<b>universal muffler D89 / 3,5" yleisvaimennin</b>	
	<b>muffler</b>	<b>pipe</b>
	215 x 135 x 250 (420)	ID 89,5 / ID 89,5



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## Universal catalyts for gasoline cars

ROUND	universal cat for gasoline cars yleiskatalysaattori bensiinautoihin => 200 hp	
	body	pipe
<b>P935CAT</b>	D110 x 215 (390)	ID45&48&52 / ID45&48&52
	for engines up to 3000 cc, with one lambda thread and nipple	moottoreihin 3000 cc asti, yhdellä lambdan kierteellä ja nipalla



ROUND OFFSET METALLIC	universal cat for gasoline cars yleiskatalysaattori bensiinautoihin => 200 hp	
	body	pipe
<b>P960CAT</b>	D102 x 120 (265)	ID 58 / ID 58
	for engines up to 3000 cc, metallic substrate	moottoreihin 3000 cc asti, metallikenno



ROUND ANGLED OFFSET METALLIC	universal cat for gasoline cars yleiskatalysaattori bensiinautoihin => 200 hp	
	body	pipe
<b>P961CAT</b>	D102 x 120 (230)	ID 58 / ID 58
	for engines up to 3000 cc, metallic substrate	moottoreihin 3000 cc asti, metallikenno



FLAT	universal cat for gasoline cars yleiskatalysaattori bensiinautoihin => 200 hp	
	body	pipe
<b>P944CAT</b>	D155 x 100 x 250 (435)	ID48&52&55 / ID48&52&55
<b>P948CAT</b>	D155 x 100 x 250 (350)	ID57&64 / ID57&64
	for engines up to 3000 cc, with one lambda thread and nipple	moottoreihin 3000 cc asti, yhdellä lambdan kierteellä ja nipalla



## Universal catalysts for gasoline cars

FLAT ANGLED	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P952CAT</b>	185 x 105 x 300 (390)	OD 50,8 2" / OD 50,8 2"
	for engines up to 3500 cc other connecting pipe with 45 degree angle	moottoreihin 3500 cc asti, toinen litosputki 45 asteen kulmassa



FLAT ANGLED	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P959CAT</b>	185 x 105 x 260 (410)	ID 51,5&60,5 / ID 51,5&60,5
	for engines up to 3500 cc, other connecting pipe with 45 degree angle	moottoreihin 3500 cc asti, toinen litosputki 45 asteen kulmassa



FLAT	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P953CAT</b>	190 x 100 x 320 (450)	ID 2 x 48 / ID 55,5
	for V engines up to 3500 cc double inlet, with two lambda threads and nipples	V-moottoreihin 3500 cc asti, kahdella sisäänmenolla, kahdella lambdan kierteellä ja nipalla



ROUND	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P962CAT</b>	D110 x 280 (400)	ID 51,5 / ID 51,5
	for engines up to 3000 cc, one lambda thread and nipple in the middle	moottoreihin 3000 cc asti, yhdellä lambdan kierteellä ja nipalla (keskellä)



FLAT LONG	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P963CAT</b>	195 x 100 x 395 (535)	ID 58 / ID 58
	for engines up to 3000 cc, with resonator	moottoreihin 3000 cc asti, resonaattorilla



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## Universal catalyts for gasoline cars

FLAT WIDE	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P964CAT</b>	195 x 100 x 305 (490)	ID 51,5&55,5&60,5 / ID 51,5&55,5&60,5
	for engines up to 3000 cc, with one lambda hole	moottoreihin 3000 cc asti, yhdellä lambdan reiällä



ROUND METALLIC	universal cat for gasoline cars yleiskatalysaattori bensiiniautoihin => 200 hp	
	body	pipe
<b>P965CAT</b>	D101,6 x 110 (210)	ID 76,2 / ID 76,2
	for engines up to 3000 cc, metallic substrate	moottoreihin 3000 cc asti, metallikenno



ROUND FIA APPROVED METALLIC	racing cat for gasoline cars kilpakatalysaattori bensiiniautoihin	
	body	pipe
<b>P955CAT</b>	D101,6 x 140 (275)	ID 63,5 / ID 63,5
	max 350 hp single exhaust system / max 600 hp dual exhaust system, low back pressure metallic substrate, two lambda threads and nipples	max 350 hp yksiputkisena / max 600 hp kaksiputkisena pakojärjestelmänä, metallikenno alhaisella vastapaineella, kahdella lambdan kierteellä ja nipoilla



ROUND FIA APPROVED METALLIC	racing cat for gasoline cars kilpakatalysaattori bensiiniautoihin	
	body	pipe
<b>P966CAT</b>	D130 x 140 (340)	ID 63,5 / ID 63,5
	max 350 hp single exhaust system / max 600 hp dual exhaust system, low back pressure metallic substrate, two lambda threads and nipples	max 350 hp yksiputkisena / max 600 hp kaksiputkisena pakojärjestelmänä, metallikenno alhaisella vastapaineella, kahdella lambdan kierteellä ja nipoilla



## Universal catalysts for diesel cars

FLAT	universal cat for diesel cars yleiskatalysaattori dieselautoihin => 150 hp	
	body	pipe
P950DCAT	155 x 100 x 250 (350)	ID 51 / ID 51
	for engines up to 3000 cc	moottoreihin 3000 cc asti



FLAT	universal cat for diesel cars yleiskatalysaattori dieselautoihin => 200 hp	
	body	pipe
P956DCAT	180 x 110 x 300 (430)	ID 60,5 / ID 60,5
	for engines up to 3000 cc	moottoreihin 3000 cc asti



### HUOMIOITAVAA YLEISKATALYSAATTOREISTA

Fennon yleiskatalysaattorit on suunniteltu soveltuvan useisiin henkilöautomalleihin. Niiden käyttökohteissa tulee käyttää soveltuvaa lyijytöntä bensiiniä (bensinikäyttöiset autot) taikka alhaisen rikkitasen dieselpolttoainetta (dieselikäyttöiset autot). Yleiskatalysaattorit eivät ole sertifioituja.

Mikäli vanhassa katalysaattorissa on jälkiä katalysaattorikennon sulamisesta (osittainenkin sulaminen), öljy- tai nokikertymää etupinnassa taikka halkeamia, on ajoneuvon moottorissa vika, joka on korjattava ennen uuden katalysaattorin asentamista. Yleisohjeena on, että auton moottorin sytytyksen ja seossäädön toiminta on tarkastettava aina ennen uuden katalysaattorin asennusta, jolloin voidaan välttyä vaurioittamasta uutta katalysaattoria.

Valmistaja ei vastaa katalysaattorin vaurioitumisesta tai viasta, mikäli ajoneuvon moottorin huolto on laiminlyöty, moottori on säädetty väärin, taikka moottori ei toimi normaalisti mistä tahansa katalysaattorista johtumattomasta syystä.

Takuutapauksissa ainoastaan viallinen katalysaattori hyvitetään. Asennuskustannuksia tai vastaavia ei korvata.

### UNIVERSAL CATALYST NOTES

Fenno universal catalysts are designed for most common cars without OBD control. They are designed for unleaded fuel only (gasoline catalysts) and for low Sulphur diesel fuel (diesel catalysts). Universal catalysts are not certified.

If the old catalytic converter shows signs of melting, fouling or cracking, there is a failure in the car engine that must be repaired prior to installing a new converter. Also exhaust mixture adjustment and tuning have to be made before installation in order to prevent the damage of the new converter.

The manufacturer assumes no liability for damage or failure to a catalytic converter due to improperly tuned or maintained engine.


In case of warranty / damage only the catalytic converter will be credited. Claims for mounting costs will not be accepted.





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## Exhaust mounting tools


TOOLS	exhaust pipe chain cutter
P80201	cutter, 1 pcs
P80202	replacement chain, 1 pcs
	Professional quality chain cutter <ul style="list-style-type: none"> <li>• labour saving</li> <li>• gives a straight clean cut</li> <li>• eliminates the need to cut pipes with torch where access is limited</li> </ul>


TOOLS	manifold stud remover set
P80206	stud remover set, 1 pcs
	Socket type extractors made of heat treated Chrome Vanadium steel and Chrome plated for corrosion resistance <ul style="list-style-type: none"> <li>• suitable for use with 1/2" drive ratchet or spanner</li> <li>• 6mm, 8mm, 10mm and 12mm sizes</li> <li>• supplied in steel case</li> </ul>


TOOLS	exhaust pipe chain cutter HD
P80203	heavy duty cutter, 1 pcs
P80204	replacement chain, 1 pcs
	Professional quality chain cutter <ul style="list-style-type: none"> <li>• eliminates the need to cut pipes with torch where access is limited</li> <li>• suitable for cutting thin-wall tubes up to 2,5 mm thick</li> </ul>


TOOLS	individual stud extractors
P80207	 8 mm socket type stud extractor, 1 pcs
P80208	 10 mm socket type stud extractor, 1 pcs
P80209	 cam type type stud extractor, 1 pcs
P80210	 1/2" air impact rated stud extractor, 1 pcs


TOOLS	3 piece exhaust expander set
P80200	expander set, 1 pcs
	Designed to straighten & expand exhaust pipe ends. Contains 3 expanders: <ul style="list-style-type: none"> <li>• small - 29 mm to 44 mm</li> <li>• medium - 38 mm to 64 mm</li> <li>• large - 54 mm to 89 mm</li> </ul>


TOOLS	"C" clamp fitting tool
P80211	VW C-clips tool, 1 pcs
	Assembly tool for VW-Audi 'C' clips <ul style="list-style-type: none"> <li>• holds the 'C' clip preventig it from flying off</li> <li>• safety goggles recommended when using this tool</li> </ul>

TOOLS	exhaust flaring cone
P8399	flaring cone, 1 pcs
	Used to flare & expand exhaust pipes & tail pipes for snugg fitment

TOOLS	rubber ring fitting tool
P80212	fitting tool, 1 pcs
	Enables easy fitting & removal of exhaust rubber rings

TOOLS	stud extractor set
P80205	extractor set, 1 pcs
	<ul style="list-style-type: none"> <li>• 8 pc stud and screw extractor set</li> <li>• manufactured from high grade steel</li> <li>• supplied in handy carry case</li> <li>• covers popular sizes</li> <li>• 4mm, 5mm, 6mm, 7mm, 10mm, 13mm, 19mm, 24mm</li> </ul>

TOOLS	exhaust removal pliers
P80213	removal pliers, 1 pcs
	Enable easy removal of stubborn exhaust mountings

TOOLS	exhaust clamp spreader
P80214	clamp spreader, 1 pcs
	Specially designed to remove & fit PSA exhaust clamps in Citroen, Peugeot and Renault cars







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