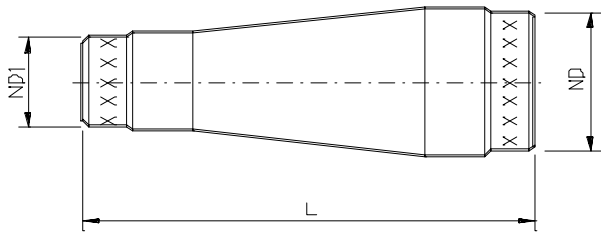
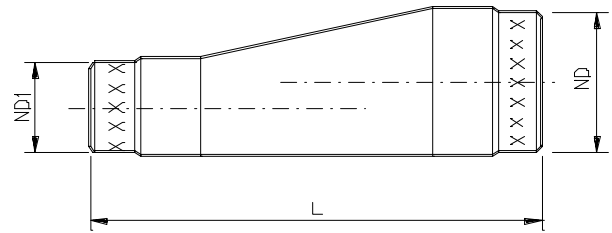


FRP Reducer - SP/SP

Fiberstrong® Product Data
Applicable Series : PCN/VCN



Concentric Reducer



Eccentric Reducer

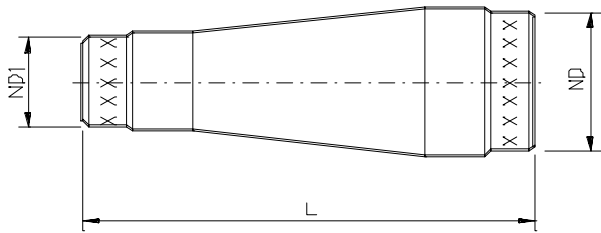
ND Inch	ND1 Inch	L Inch
4	3	18
6	3	23
6	4	21
8	3	30
8	4	28
8	6	23
10	3	35
10	4	33
10	6	30
10	8	25
12	4	42
12	6	37
12	8	38
12	10	33
14	4	49
14	6	44
14	8	45
14	10	40
14	12	35

ND Inch	ND1 Inch	L Inch
16	4	54
16	6	49
16	8	50
16	10	45
16	12	40
16	14	37
18	4	59
18	6	
18	8	55
18	10	50
18	12	45
18	14	42
18	16	37
20	4	64
20	6	59
20	8	60
20	10	55
20	12	50
20	14	47
20	16	42
20	18	37
24	12	64
24	16	56
24	18	51
24	20	46

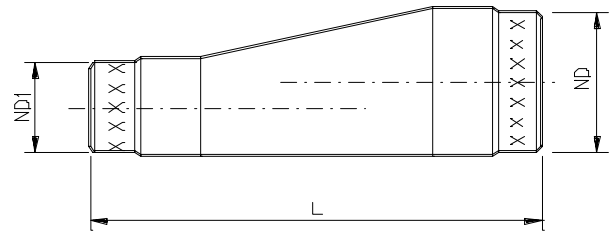
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	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 164		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

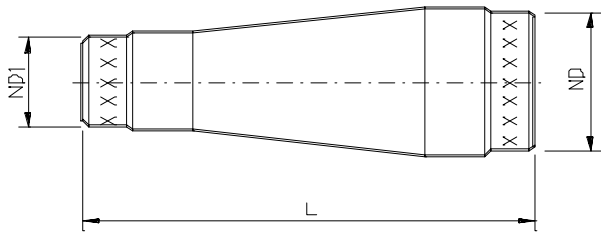
ND Inch	ND1 Inch	L Inch
27	12	74
27	16	66
27	18	61
27	20	56
27	24	50
30	12	79
30	16	71
30	18	66
30	20	61
30	24	55
30	27	45
33	12	84
33	16	76
33	18	71
33	20	66
33	24	60
33	27	50
33	30	45
36	12	94
36	16	86
36	18	81
36	20	76
36	24	70
36	27	60
36	30	55
36	33	50

ND Inch	ND1 Inch	L Inch
42	12	114
42	16	106
42	18	101
42	20	96
42	24	90
42	27	80
42	33	70
42	36	60
48	12	124
48	16	116
48	18	111
48	20	106
48	24	100
48	27	90
48	33	80
48	36	70
48	42	50
54	12	144
54	16	136
54	18	131
54	20	126
54	24	120
54	27	110
54	30	105

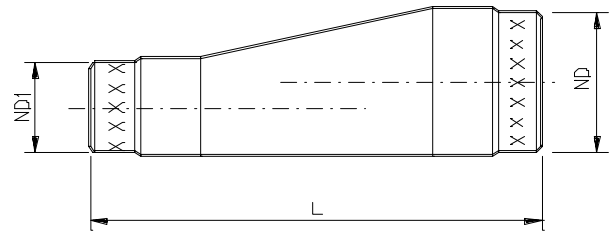
 <p>FPI FUTURE PIPE INDUSTRIES Complete Pipe System Solutions</p>	Checked :		Approved :	
	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 165		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN



Concentric Reducer



Eccentric Reducer

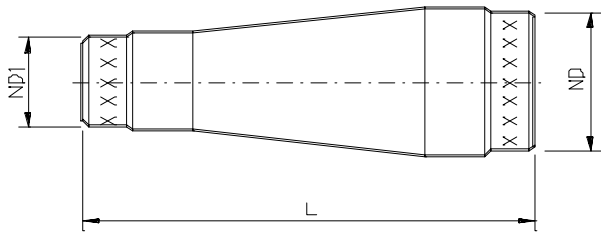
ND Inch	ND1 Inch	L Inch
54	33	100
54	36	90
54	42	70
54	48	60
60	12	154
60	16	146
60	18	141
60	20	136
60	24	130
60	27	
60	30	115
60	33	110
60	36	100
60	42	80
60	48	70
60	54	50
64	12	168
64	16	160
64	18	155
64	20	150
64	24	144
64	27	134
64	30	129
64	33	124
64	36	114

ND Inch	ND1 Inch	L Inch
64	42	94
64	48	84
64	54	64
64	60	54
66	12	178
66	16	170
66	18	165
66	20	160
66	24	154
66	27	144
66	30	139
66	33	134
66	36	124
66	42	104
66	48	94
66	54	74
66	60	64
66	64	58
72	12	188
72	16	180
72	18	175
72	20	170
72	24	164
72	27	154
72	30	149
72	33	144

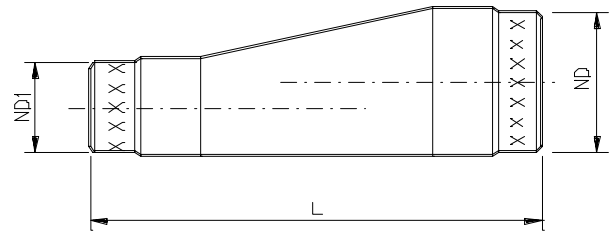
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	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 166		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN



Concentric Reducer



Eccentric Reducer

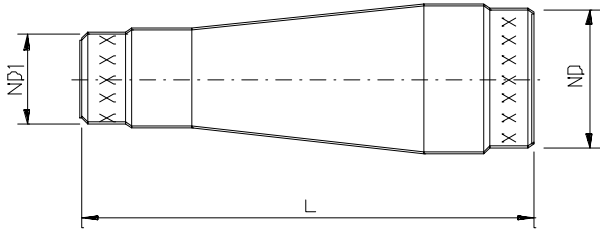
ND Inch	ND1 Inch	L Inch
72	36	134
72	42	114
72	48	104
72	54	84
72	60	74
72	64	68
72	66	58
74	12	198
74	16	190
74	18	185
74	20	180
74	24	174
74	27	164
74	30	159
74	33	154
74	36	144
74	42	124
74	48	114
74	54	94
74	60	84
74	64	78
74	66	68
74	72	58

ND Inch	ND1 Inch	L Inch
78	12	208
78	16	200
78	18	195
78	20	190
78	24	184
78	27	174
78	30	169
78	33	164
78	36	154
78	42	134
78	48	124
78	54	104
78	60	94
78	64	88
78	66	78
78	72	68
78	74	58
80	12	224
80	16	216
80	18	211
80	20	206
80	24	200
80	27	190
80	30	185
80	33	180

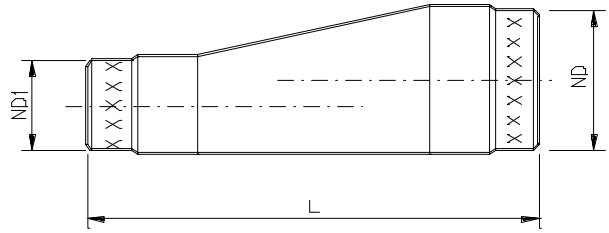
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	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 167		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product D
Applicable Series : PCN/V0




Concentric Reducer



Eccentric Reducer

ND Inch	ND1 Inch	L Inch
80	36	170
80	42	150
80	48	140
80	54	120
80	60	110
80	64	104
80	66	94
80	72	84
80	74	74
80	78	64
84	12	234
84	16	226
84	18	221
84	20	216
84	24	210
84	27	200
84	30	195
84	33	190
84	36	180
84	42	160
84	48	150
84	54	130
84	60	120
84	64	114
84	66	104

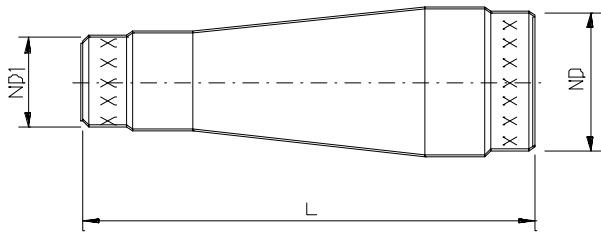
ND Inch	ND1 Inch	L Inch
84	72	94
84	74	84
84	78	74
84	80	70
90	12	244
90	16	236
90	18	231
90	20	226
90	24	220
90	27	210
90	30	205
90	33	200
90	36	190
90	42	170
90	48	160
90	54	140
90	60	130
90	64	124
90	66	114
90	72	104
90	74	94
90	78	84
90	80	80
90	84	70

	Checked :		Approved :	
	Prepared	JK	Date :	26-10-0
	Drawing No.	FS-STD-FITT-INCH- 168		Rev. 0

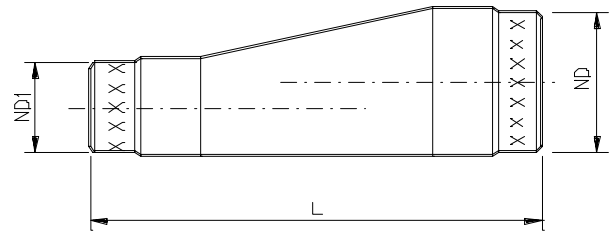
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

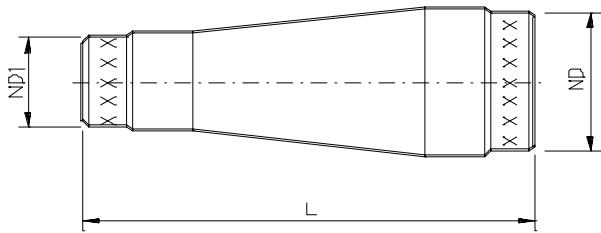
ND Inch	ND1 Inch	L Inch
96	12	254
96	16	246
96	18	241
96	20	236
96	24	230
96	27	220
96	30	215
96	33	210
96	36	200
96	42	180
96	48	170
96	54	150
96	60	140
96	64	134
96	66	124
96	72	114
96	74	104
96	78	94
96	80	90
96	84	80
96	90	70
100	12	264
100	16	256
100	18	251
100	20	246

ND Inch	ND1 Inch	L Inch
100	24	240
100	27	230
100	30	225
100	33	220
100	36	210
100	42	190
100	48	180
100	54	160
100	60	150
100	64	144
100	66	134
100	72	124
100	74	114
100	78	104
100	80	100
100	84	90
100	90	80
100	96	70
102	12	274
102	16	266
102	18	261
102	20	256
102	24	250
102	27	240
102	30	235

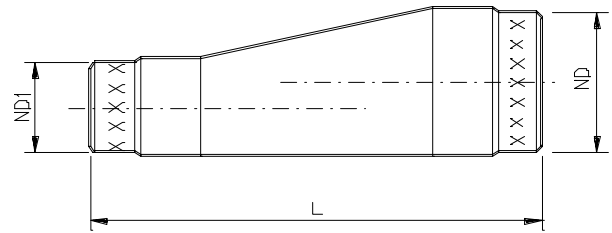
 <p>FUTURE PIPE INDUSTRIES Complete Pipe System Solutions</p>	Checked :		Approved :	
	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 169		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

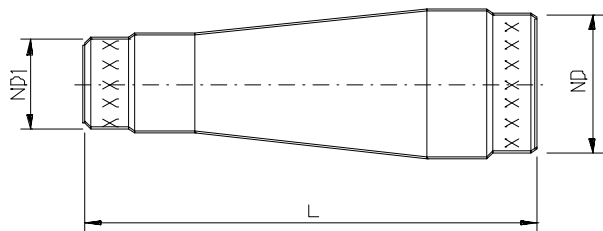
ND Inch	ND1 Inch	L Inch
102	33	230
102	36	220
102	42	200
102	48	190
102	54	170
102	60	160
102	64	154
102	66	144
102	72	134
102	74	124
102	78	114
102	80	110
102	84	100
102	90	90
102	96	80
104	12	284
104	16	276
104	18	271
104	20	266
104	24	260
104	27	250
104	30	245
104	33	240
104	36	230
104	42	210
104	48	200
104	54	180

ND Inch	ND1 Inch	L Inch
104	60	170
104	64	164
104	66	154
104	72	144
104	74	134
104	78	124
104	80	120
104	84	110
104	90	100
104	96	90
104	100	80
104	102	70
108	12	#N/A
108	16	#N/A
108	18	#N/A
108	20	#N/A
108	24	#N/A
108	27	#N/A
108	30	#N/A
108	33	#N/A
108	36	#N/A
108	42	#N/A
108	48	#N/A
108	54	#N/A
108	60	#N/A

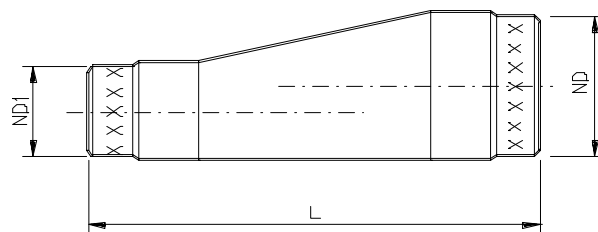
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	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 170		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

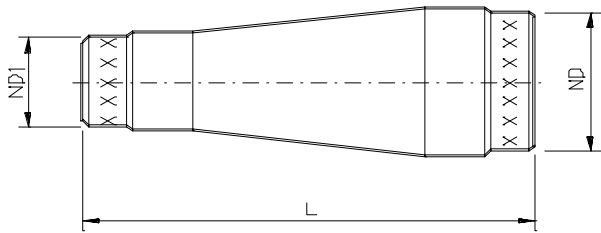
ND Inch	ND1 Inch	L Inch
110	64	174
110	66	164
110	72	154
110	74	144
110	78	134
110	80	130
110	84	120
110	90	110
110	96	100
110	100	90
110	102	80
110	104	70
114	12	304
114	16	296
114	18	291
114	20	286
114	24	280
114	27	270
114	30	265
114	33	260
114	36	250
114	42	230
114	48	220
114	54	200
114	60	190
114	64	184

ND Inch	ND1 Inch	L Inch
114	66	174
114	72	164
114	74	154
114	78	144
114	80	140
114	84	130
114	90	120
114	96	110
114	100	100
114	102	90
114	104	80
114	110	70
120	12	314
120	16	306
120	18	301
120	20	296
120	24	290
120	27	280
120	30	275
120	33	270
120	36	260
120	42	240
120	48	230
120	54	210
120	60	200

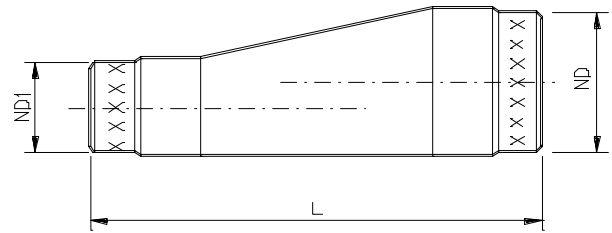
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

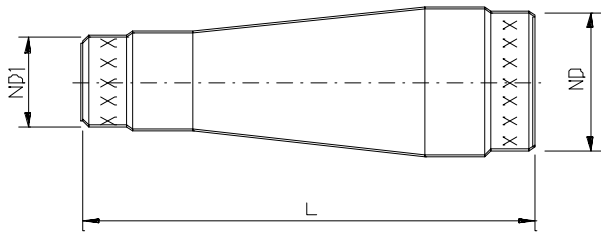
ND Inch	ND1 Inch	L Inch
120	64	194
120	66	184
120	72	174
120	74	164
120	78	154
120	80	150
120	84	140
120	90	130
120	96	120
120	100	110
120	102	100
120	104	90
120	110	80
120	114	70
124	12	324
124	16	316
124	18	311
124	20	306
124	24	300
124	27	290
124	30	285
124	33	280
124	36	270
124	42	250
124	48	240
124	54	220

ND Inch	ND1 Inch	L Inch
124	60	210
124	64	204
124	66	194
124	72	184
124	74	174
124	78	164
124	80	160
124	84	150
124	90	140
124	96	130
124	100	120
124	102	110
124	104	100
124	110	90
124	114	80
124	120	70
126	12	334
126	16	326
126	18	321
126	20	316
126	24	310
126	27	300
126	33	290
126	36	280
126	42	260

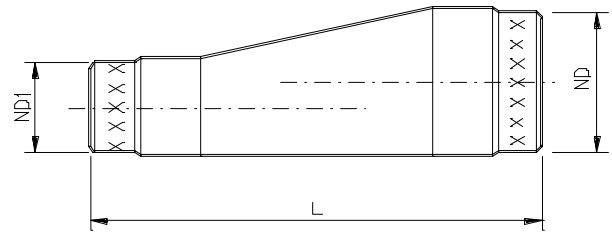
 <p>FPI FUTURE PIPE INDUSTRIES Complete Pipe System Solutions</p>	Checked :		Approved :	
	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 172		Rev. 0
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Fiberstrong® Product Data
Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

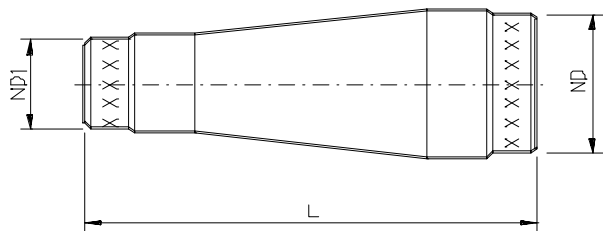
ND Inch	ND1 Inch	L Inch
126	48	250
126	54	230
126	60	220
126	64	214
126	66	204
126	72	194
126	74	184
126	78	174
126	80	170
126	84	160
126	90	150
126	96	140
126	100	130
126	102	120
126	104	110
126	110	100
126	114	90
126	120	80
126	124	70
130	12	344
130	16	336
130	18	331
130	20	326
130	24	320
130	27	310
130	30	305

ND Inch	ND1 Inch	L Inch
130	33	300
130	36	290
130	42	270
130	48	260
130	54	240
130	60	230
130	64	224
130	66	214
130	72	204
130	74	194
130	78	184
130	80	180
130	84	170
130	90	160
130	96	150
130	100	140
130	102	130
130	104	120
130	110	110
130	114	100
130	120	90
130	124	80
130	126	70

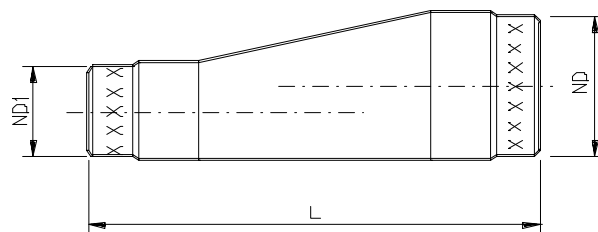
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

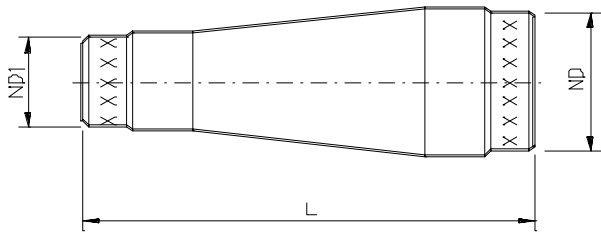
ND Inch	ND1 Inch	L Inch
132	12	354
132	16	346
132	18	341
132	20	336
132	24	330
132	27	320
132	30	315
132	33	310
132	36	300
132	42	280
132	48	270
132	54	250
132	60	240
132	64	234
132	66	224
132	72	214
132	74	204
132	78	194
132	80	190
132	84	180
132	90	170
132	96	160
132	100	150
132	102	140
132	104	130

ND Inch	ND1 Inch	L Inch
132	110	120
132	114	110
132	120	100
132	124	90
132	126	80
132	130	70
138	12	364
138	16	356
138	18	351
138	20	346
138	24	340
138	27	330
138	30	325
138	33	320
138	36	310
138	42	290
138	48	280
138	54	260
138	60	250
138	64	244
138	66	234
138	72	224
138	74	214
138	78	204
138	80	200
138	84	190

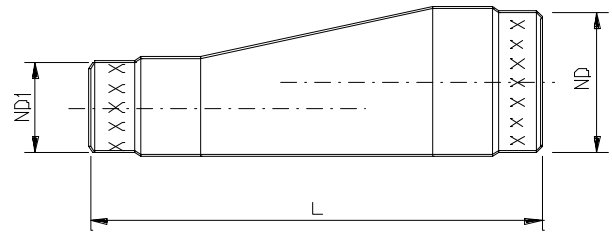
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FRP Reducer - SP/SP

Fiberstrong® Product Data
Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

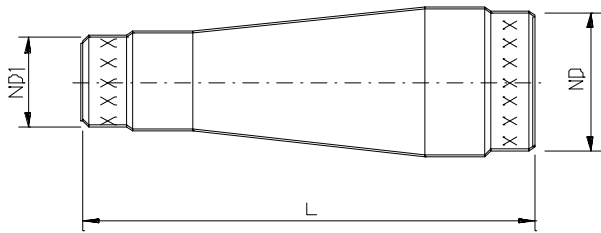
ND Inch	ND1 Inch	L Inch
138	90	180
138	96	170
138	100	160
138	102	150
138	104	140
138	110	130
138	114	120
138	120	110
138	124	100
138	126	90
138	130	80
138	132	70
144	12	374
144	16	366
144	18	361
144	20	356
144	24	350
144	27	340
144	30	335
144	33	330
144	36	320
144	42	300
144	48	290
144	54	270
144	60	260
144	64	254

ND Inch	ND1 Inch	L Inch
144	66	244
144	72	234
144	74	224
144	78	214
144	80	210
144	84	200
144	90	190
144	96	180
144	100	170
144	102	160
144	104	150
144	110	140
144	114	130
144	120	120
144	124	110
144	126	100
144	130	90
144	132	80
144	138	70
148	12	384
148	16	376
148	18	371
148	20	366
148	24	360
148	27	350
148	30	345

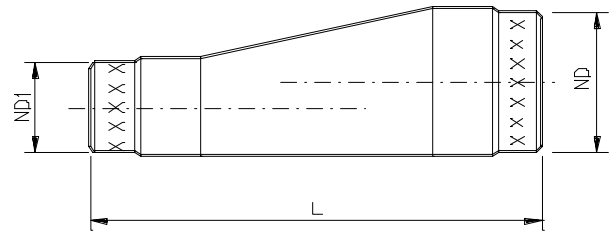
 FUTURE PIPE INDUSTRIES Complete Pipe System Solutions	Checked :		Approved :	
	Prepared	JK	Date :	26-10-05
	Drawing No.	FS-STD-FITT-INCH- 174		Rev. 0
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

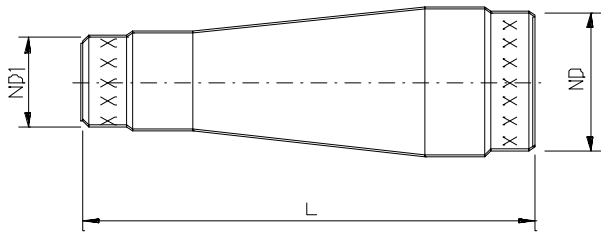
ND Inch	ND1 Inch	L Inch
148	33	340
148	36	330
148	42	310
148	48	300
148	54	280
148	60	270
148	64	264
148	66	254
148	72	244
148	74	234
148	78	224
148	80	220
148	84	210
148	90	200
148	96	190
148	100	180
148	102	170
148	104	160
148	110	150
148	114	140
148	120	130
148	124	120
148	126	110
148	130	100
148	132	90
148	138	80
148	144	70

ND Inch	ND1 Inch	L Inch
150	12	394
150	16	386
150	18	381
150	20	376
150	24	370
150	27	360
150	30	355
150	33	350
150	36	340
150	42	320
150	48	310
150	54	290
150	60	280
150	64	274
150	66	264
150	72	254
150	74	244
150	78	234
150	80	230
150	84	220
150	90	210
150	96	200
150	100	190
150	102	180
150	104	170
150	110	160
150	114	150

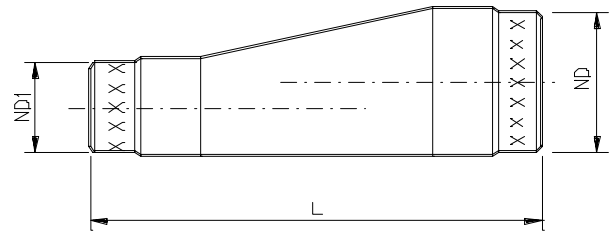
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	Prepared	JK	Date :	26-10-05
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FRP Reducer - SP/SP

Fiberstrong® Product Data
 Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

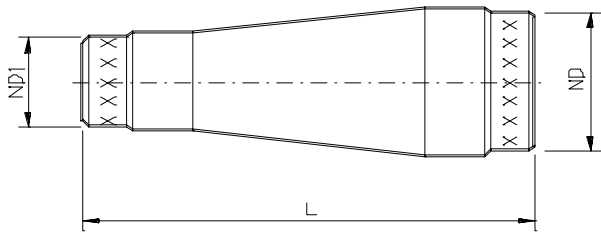
ND Inch	ND1 Inch	L Inch
150	120	140
150	124	130
150	126	120
150	130	110
150	132	100
150	138	90
150	144	80
150	148	70
156	12	404
156	16	396
156	18	391
156	20	386
156	24	380
156	27	370
156	30	365
156	33	360
156	36	350
156	42	330
156	48	320
156	54	300
156	60	290
156	64	284
156	66	274
156	72	264
156	74	254
156	78	244

ND Inch	ND1 Inch	L Inch
156	80	240
156	84	230
156	90	220
156	96	210
156	100	200
156	102	190
156	104	180
156	110	170
156	114	160
156	120	150
156	124	140
156	126	130
156	130	120
156	132	110
156	138	100
156	144	90
156	148	80
156	150	70
158	12	414
158	16	406
158	18	401
158	20	396
158	24	390
158	27	380
158	30	375
158	33	370
158	36	360

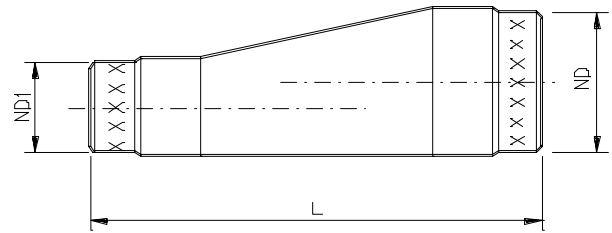
 <p>FUTURE PIPE INDUSTRIES Complete Pipe System Solutions</p>	Checked :		Approved :	
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FRP Reducer - SP/SP

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Applicable Series : PCN/VCN




Concentric Reducer



Eccentric Reducer

ND Inch	ND1 Inch	L Inch
158	42	340
158	48	330
158	54	310
158	60	300
158	64	294
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158	72	274
158	74	264
158	78	254
158	80	250
158	84	240
158	90	230
158	96	220
158	100	210
158	102	200
158	104	190
158	110	180
158	114	170
158	120	160
158	124	150
158	126	140
158	130	130
158	132	120
158	138	110
158	144	100
158	148	90
158	150	80
158	156	70

	Checked :		Approved :	
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