

Full-size collar saddle

SSCL/SSL/SSC/SS

SSL



SSCL



Description

Full-size segmented collar saddles allow fabricating round duct branches at the ductwork points that can only be defined when the main ventilation ducts have been installed. The collar saddle is installed by cutting an opening to match in a spiral or plain duct and fastening the piece with rivets or self-drilling screws. The joint edges need to be sealed with a silicone or acrylic compound. This product is specifically recommended for branching systems that require air tightness class D according to EN 12237. This is the only saddle that allows fabrication of offset branches with the branch duct diameter larger than the main pipe.

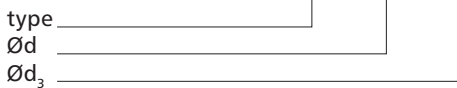
- SSCL – concentric collar saddle with an EPDM gasket
 - SSL – eccentric collar saddle with an EPDM gasket
 - SSC – concentric collar saddle without a gasket
 - SS – eccentric collar saddle without a gasket
- 90° profile intended for installation on round ducts.

Available materials — Product code example

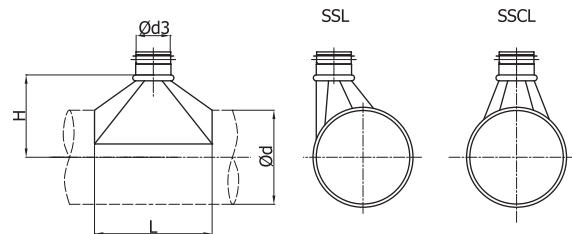
- SSL-... -... – galvanized steel sheet
- SSL-K-... -... — 1.4301/304 stainless steel sheet
- SSL-K-... -...-316L — 1.4404/316L stainless steel sheet, molybdenum-enriched
- SSL-A-... -... — AW-1050A H24 aluminium sheet
- SSL-CU-... -... — M1E z4 copper sheet

Product code example

Product code: **SSL - aaa - bbb**



Dimensions



$\text{Ø}d_{nom}$ [mm]	$\text{Ø}d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
160	100	190	125	0.30
	125	215	125	0.40
	140	240	130	0.40
	150	250	130	0.50
	160	260	130	0.50
	180	280	130	0.60
180	200	330	145	0.70
	224	355	145	0.80
	250	380	145	0.90
	100	190	135	0.30
	125	215	135	0.40
	140	240	140	0.45
150	250	140	0.50	
160	260	140	0.50	
180	280	140	0.60	
200	330	155	0.70	
224	355	155	0.80	
250	380	155	0.95	
280	430	165	1.15	

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$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
200	100	190	145	0.33
	125	215	145	0.40
	140	240	150	0.50
	150	250	150	0.50
	160	260	150	0.55
	180	280	150	0.60
	200	330	165	0.70
	224	355	165	0.80
	250	380	165	1.00
	280	430	175	1.20
224	300	450	175	1.25
	315	465	175	1.30
	100	190	160	0.35
	125	215	160	0.40
	140	240	165	0.50
	150	250	165	0.50
	160	260	165	0.65
	180	280	165	0.70
	200	330	180	0.80
	224	355	180	0.85
250	250	380	180	1.00
	280	430	190	1.20
	300	450	190	1.30
	315	465	190	1.40
	355	525	200	2.00
	100	190	170	0.35
	125	215	170	0.40
	140	240	175	0.50
	150	250	175	0.50
	160	260	175	0.60
280	180	280	175	0.65
	200	330	190	0.80
	224	355	190	0.90
	250	380	190	1.00
	280	430	200	1.20
	300	450	200	1.30
	315	465	200	1.35
	355	525	210	2.00
	400	570	210	2.40

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
280	100	190	185	0.40
	125	215	185	0.40
	140	240	190	0.50
	100	190	185	0.40
	125	215	185	0.40
	140	240	190	0.50
	150	250	190	0.55
	160	260	190	0.60
	180	280	190	0.75
	200	330	205	0.80
300	224	355	205	0.90
	250	380	205	1.00
	280	430	215	1.30
	300	450	215	1.30
	315	465	215	1.40
	355	525	225	2.00
	400	570	225	2.40
	450	620	225	3.40
	100	190	195	0.40
	125	215	195	0.45
355	140	240	200	0.50
	150	250	200	0.55
	160	260	200	0.60
	180	280	200	0.65
	200	330	215	0.80
	224	355	215	0.90
	250	380	215	1.10
	280	430	225	1.25
	300	450	225	1.40
	315	465	225	1.40
400	355	525	235	2.10
	400	570	235	2.50
	450	620	235	3.50

Dimensions

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
315	100	190	205	0.40
	125	215	205	0.50
	140	240	210	0.55
	150	250	210	0.60
	160	260	210	0.60
	180	280	210	0.70
	200	330	225	0.85
	224	355	225	0.95
	250	380	225	1.10
	280	430	235	1.30
	300	450	235	1.40
	315	465	235	1.50
	355	525	245	2.10
	400	570	245	2.50
	450	620	245	3.60
	500	680	250	4.10
355	100	190	225	0.40
	125	215	225	0.50
	140	240	230	0.55
	150	250	230	0.60
	160	260	230	0.60
	180	280	230	0.70
	200	330	245	0.90
	224	355	245	1.00
	250	380	245	1.10
	280	430	245	1.30
	300	450	255	1.50
	315	465	255	1.60
	355	525	265	2.20
	400	570	265	2.60
	450	620	265	3.60
	500	680	270	4.20
	560	740	270	4.80

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
400	100	190	245	0.40
	125	215	245	0.50
	140	240	250	0.60
	150	250	250	0.60
	160	260	250	0.65
	180	280	250	0.70
	200	330	265	0.90
	224	355	265	1.00
	250	380	265	1.10
	280	430	275	1.40
	300	450	275	1.50
	315	465	275	1.55
	355	525	285	2.30
	400	570	285	2.70
	450	620	285	3.80
	500	680	290	4.30
	560	740	290	5.00
	600	780	290	5.40
	630	810	290	5.70
450	140	240	275	0.60
	150	250	275	0.60
	160	260	275	0.65
	180	280	275	0.70
	200	330	290	0.90
	224	355	290	1.00
	250	380	290	1.20
	280	430	300	1.40
	300	450	300	1.50
	315	465	300	1.60
	355	525	310	2.30
	400	570	310	2.70
	450	620	310	3.80
	500	680	315	4.50
	560	740	315	5.00
	600	780	315	5.50
	630	810	315	5.80
	710	890	315	8.60

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Dimensions

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
560	200	330	345	0.90
	224	355	345	1.00
	250	380	345	1.20
	280	430	355	1.50
	300	450	355	1.60
	315	465	355	1.70
	355	525	365	2.50
	400	570	365	2.80
	450	620	365	4.00
	500	680	370	4.60
	560	740	370	5.30
	600	780	370	5.7
	630	810	370	6.1
	710	890	370	8.9
	800	980	370	10.3
	900	1080	370	12.0
600	200	330	365	1.0
	224	355	365	1.1
	250	380	365	1.3
	280	430	375	1.5
	300	450	375	1.6
	315	465	375	1.7
	355	525	385	2.5
	400	570	385	2.9
	450	620	385	4.1
	500	680	390	4.7
	560	740	390	5.4
	600	780	390	5.8
	630	810	390	6.2
	710	890	390	9.0
	800	980	390	10.5
	900	1080	390	12.2

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
630	200	330	380	1.0
	224	355	380	1.1
	250	380	380	1.3
	280	430	390	1.6
	300	450	390	1.7
	315	465	390	1.7
	355	525	400	2.5
	400	570	400	2.9
	450	620	400	4.2
	500	680	405	4.8
	600	780	405	5.9
	630	810	405	6.3
	710	890	405	9.2
	800	980	405	10.6
	900	1080	405	12.3
	1000	1180	405	14.5
710	250	380	420	1.3
	280	430	420	1.5
	300	450	430	1.7
	315	465	430	1.8
	355	525	440	2.6
	400	570	440	3.0
	450	620	440	4.3
	500	680	445	4.9
	560	740	445	5.6
	600	780	445	6.0
	630	810	445	6.4
	710	890	445	9.4
	800	980	445	10.8
	900	1080	445	12.6
	1000	1180	445	14.8
	1120	1300	445	19.1

SSCL/SSL/SSC/SS**Dimensions**

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
800	250	380	465	1.4
	280	430	475	1.5
	300	450	475	1.8
	315	465	475	1.8
	355	525	485	2.7
	400	570	485	3.1
	450	620	485	4.4
	500	680	490	5.0
	560	740	490	5.7
	600	780	490	6.2
	630	810	490	6.6
	710	890	490	9.6
	800	980	490	11.1
	900	1080	490	12.9
	1000	1180	490	15.1
	1120	1300	490	19.6
	1250	1430	490	22.7
900	315	465	525	1.9
	355	525	535	2.4
	400	570	535	3.2
	450	620	535	4.5
	500	680	540	5.2
	560	740	540	5.9
	600	780	540	6.4
	630	810	540	6.7
	710	890	540	9.8
	800	980	540	11.4
	900	1080	540	13.2
	1000	1180	540	15.5
	1120	1300	540	20.0
	1250	1430	540	23.2
1000	315	465	575	2.0
	355	525	585	2.8
	400	570	585	3.3
	450	620	585	4.7
	500	680	590	5.8
	560	740	590	6.0
	600	780	590	6.5
	630	810	590	6.9
	710	890	590	10.0
	800	980	590	11.6
	900	1080	590	13.5
	1000	1180	590	15.8
	1120	1300	590	20.4
	1250	1430	590	23.7

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
1120	500	680	650	5.5
	560	740	650	6.2
	600	780	650	6.7
	630	810	650	7.0
	710	890	650	10.3
	800	980	650	11.9
	900	1080	650	13.7
	1000	1180	650	16.1
	1120	1300	650	20.8
	1250	1430	650	24.2
1250	500	680	715	5.6
	560	740	715	6.4
	600	780	715	6.9
	630	810	715	7.3
	710	890	715	10.5
	800	980	715	12.1
	900	1080	715	14.0
	1000	1180	715	16.4
	1120	1300	715	21.2
	1250	1430	715	24.5
	1400	1580	715	28.7
	1500	1680	715	31.6
	1600	1780	715	34.7
1400	600	780	790	7.0
	630	810	790	7.4
	710	890	790	10.7
	800	980	790	12.3
	900	1080	790	14.3
	1000	1180	790	16.7
	1120	1300	790	21.5
	1250	1430	790	25.0
	1400	1600	790	29.3
	1500	1680	790	32.3
	1600	1800	790	35.4

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Dimensions

$\varnothing d_{nom}$ [mm]	$\varnothing d_{3nom}$ [mm]	L [mm]	H [mm]	Weight [kg]
1500	630	810	880	7.5
	710	890	880	10.8
	800	980	880	12.5
	900	1080	880	14.5
	1000	1180	880	16.9
	1120	1300	880	21.8
	1250	1430	880	25.3
	1400	1600	880	29.6
	1500	1680	880	32.6
	1600	1800	880	35.9
1600	710	890	985	11.0
	800	980	985	12.6
	900	1080	985	14.6
	1000	1180	985	17.0
	1120	1300	985	22.1
	1250	1430	985	25.6
	1400	1600	985	29.9
	1500	1680	985	33.0
	1600	1800	985	36.2