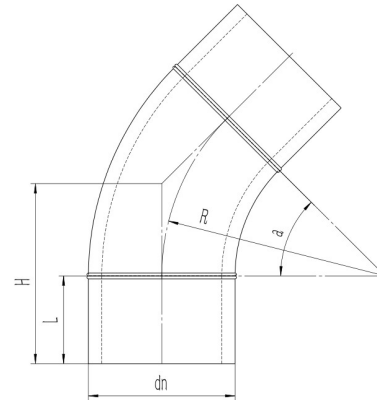


SMOOTH LARGE RADIUS SWEEP BENDS

IPS • 3D RADIUS • EXTENDED ENDS • DIMENSIONS IN INCHES



**Special Ordered Item. Contact SP1 Fittings for delivery.*

Size Range	Standard Radius	Available Angles	Configuration
2"–24" IPS	3 × O.D. (3D)	11.25°, 22.5°, 30°, 45°, 60°, 90°	Extended Ends

Maintain pressure rating

Doesn't restrict flow like a segmented bend

Perfect for Mining applications

Available in SDR17 to SDR17

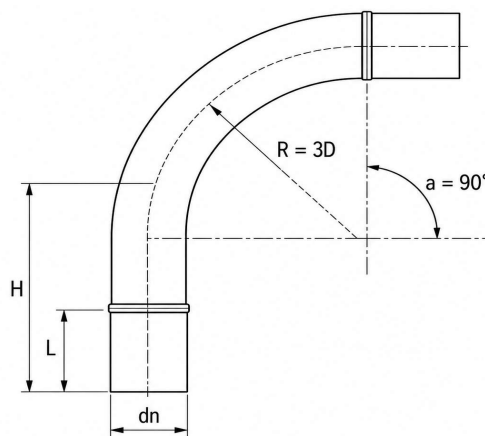
Can also be special ordered with flanged ends



- Meets and exceeds PE4710, PE3608, PE100 Resin Specifications
- Long spigot ends strictly comply with ISO4427 standard requirements.
- Confirm SDR/DR, pressure class, angle, and end configuration with SP1 Fittings Inc. before ordering.
- Custom angles, radius, Metric or DIPS, and other configurations may be available on request.

SMOOTH LARGE RADIUS 90° SWEEP BENDS

IPS • 3D RADIUS • 90° • EXTENDED ENDS • DIMENSIONS IN INCHES



***Special Ordered Item. Contact SP1 Fittings for delivery.**

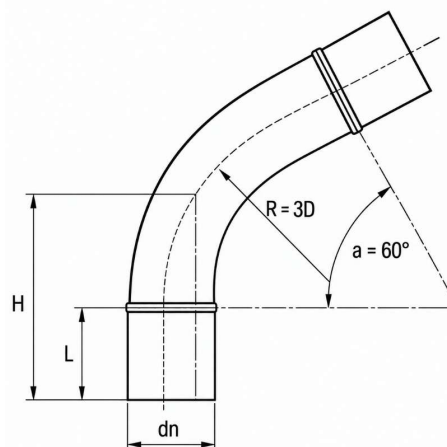
Nominal Size (IPS)	O.D. (inch)	Angle (°)	L (inch)	R (inch)	Radius Tol. (± inch)	H (inch)	L1 (inch)	L2 (inch)	Part Number
2"	2.374"	90°	9.843"	7.122"	0.712"	16.965"	25.670"	11.072"	SB9002**
3"	3.500"	90°	9.843"	10.500"	1.050"	20.343"	31.244"	13.023"	SB9003**
4"	4.500"	90°	9.843"	13.500"	1.350"	23.343"	36.193"	14.755"	SB9004**
6"	6.626"	90°	9.843"	19.878"	1.988"	29.720"	46.716"	18.437"	SB9006**
8"	8.626"	90°	9.843"	25.878"	2.588"	35.720"	56.616"	21.902"	SB9008**
10"	10.748"	90°	9.843"	32.244"	3.224"	42.087"	67.119"	25.578"	SB9010**
12"	12.748"	90°	9.843"	38.244"	3.824"	48.087"	77.019"	29.042"	SB9012**
14"	14.000"	90°	9.843"	42.000"	4.200"	51.843"	83.216"	31.211"	SB9014**
16"	16.000"	90°	9.843"	48.000"	4.800"	57.843"	93.115"	34.675"	SB9016**
18"	18.000"	90°	9.843"	54.000"	5.400"	63.843"	103.015"	38.140"	SB9018**
20"	20.000"	90°	9.843"	60.000"	6.000"	69.843"	112.914"	41.604"	SB9020**
22"	22.000"	90°	9.843"	66.000"	6.600"	75.843"	122.814"	45.069"	SB9022**
24"	24.000"	90°	9.843"	72.000"	7.200"	81.843"	132.713"	48.533"	SB9024**

(**) Denotes Required SDR

- Meets and exceeds PE4710, PE3608, PE100 Resin Specifications
- Long spigot ends strictly comply with ISO4427 standard requirements.
- Confirm SDR/DR, pressure class, angle, and end configuration with SP1 Fittings Inc. before ordering.
- Custom angles, radius, Metric or DIPS, and other configurations may be available on request.
- Metric and DIPS sizing may be available by special request.

SMOOTH LARGE RADIUS 60° SWEEP BENDS

IPS • 3D RADIUS • 60° • EXTENDED ENDS • DIMENSIONS IN INCHES



***Special Ordered Item. Contact SP1 Fittings for delivery.**

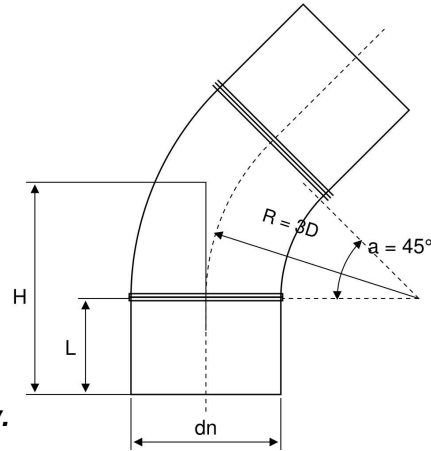
Nominal Size (IPS)	O.D. (inch)	Angle (°)	L (inch)	R (inch)	Radius Tol. (± inch)	H (inch)	L1 (inch)	L2 (inch)	Part Number
2"	2.374"	60°	9.843"	7.122"	0.712"	13.954"	25.357"	8.090"	SB6002**
3"	3.500"	60°	9.843"	10.500"	1.050"	15.905"	29.298"	9.594"	SB6003**
4"	4.500"	60°	9.843"	13.500"	1.350"	17.637"	32.798"	10.928"	SB6004**
6"	6.626"	60°	9.843"	19.878"	1.988"	21.319"	40.239"	13.767"	SB6006**
8"	8.626"	60°	9.843"	25.878"	2.588"	24.783"	47.239"	16.436"	SB6008**
10"	10.748"	60°	9.843"	32.244"	3.224"	28.459"	54.666"	19.269"	SB6010**
12"	12.748"	60°	9.843"	38.244"	3.824"	31.923"	61.666"	21.939"	SB6012**
14"	14.000"	60°	9.843"	42.000"	4.200"	34.091"	66.048"	23.610"	SB6014**
16"	16.000"	60°	9.843"	48.000"	4.800"	37.555"	73.048"	26.280"	SB6016**
18"	18.000"	60°	9.843"	54.000"	5.400"	41.019"	80.048"	28.950"	SB6018**
20"	20.000"	60°	9.843"	60.000"	6.000"	44.484"	87.048"	31.620"	SB6020**
22"	22.000"	60°	9.843"	66.000"	6.600"	47.948"	94.048"	34.290"	SB6022**
24"	24.000"	60°	9.843"	72.000"	7.200"	51.412"	101.048"	36.960"	SB6024**

(**) Denotes Required SDR

- Meets and exceeds PE4710, PE3608, PE100 Resin Specifications
- Long spigot ends strictly comply with ISO4427 standard requirements.
- Confirm SDR/DR, pressure class, angle, and end configuration with SP1 Fittings Inc. before ordering.
- Custom angles, radius, Metric or DIPS, and other configurations may be available on request.
- Metric and DIPS sizing may be available by special request.

SMOOTH LARGE RADIUS 45° SWEEP BENDS

IPS • 3D RADIUS • 45° • EXTENDED ENDS • DIMENSIONS IN INCHES



***Special Ordered Item. Contact SP1 Fittings for delivery.**

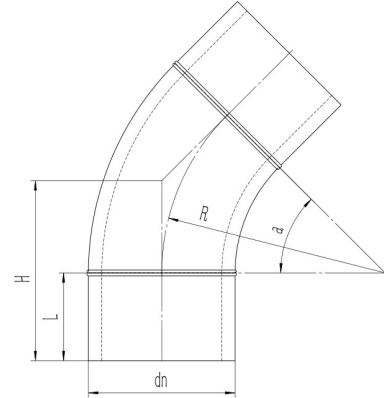
Nominal Size (IPS)	O.D. (inch)	Angle (°)	L (inch)	R (inch)	Radius Tol. (± inch)	H (inch)	L1 (inch)	L2 (inch)	Part Number
2"	2.374"	45°	9.843"	7.122"	0.712"	12.793"	24.546"	6.592"	SB4502**
3"	3.500"	45°	9.843"	10.500"	1.050"	14.192"	27.562"	7.933"	SB4503**
4"	4.500"	45°	9.843"	13.500"	1.350"	15.434"	30.241"	9.123"	SB4504**
6"	6.626"	45°	9.843"	19.878"	1.988"	18.076"	35.936"	11.653"	SB4506**
8"	8.626"	45°	9.843"	25.878"	2.588"	20.562"	41.294"	14.034"	SB4508**
10"	10.748"	45°	9.843"	32.244"	3.224"	23.198"	46.978"	16.560"	SB4510**
12"	12.748"	45°	9.843"	38.244"	3.824"	25.684"	52.336"	18.941"	SB4512**
14"	14.000"	45°	9.843"	42.000"	4.200"	27.239"	55.690"	20.431"	SB4514**
16"	16.000"	45°	9.843"	48.000"	4.800"	29.725"	61.047"	22.811"	SB4516**
18"	18.000"	45°	9.843"	54.000"	5.400"	32.210"	66.405"	25.192"	SB4518**
20"	20.000"	45°	9.843"	60.000"	6.000"	34.695"	71.762"	27.573"	SB4520**
22"	22.000"	45°	9.843"	66.000"	6.600"	37.181"	77.120"	29.953"	SB4522**
24"	24.000"	45°	9.843"	72.000"	7.200"	39.666"	82.477"	32.334"	SB4524**

(**) Denotes Required SDR

- Meets and exceeds PE4710, PE3608, PE100 Resin Specifications
- Long spigot ends strictly comply with ISO4427 standard requirements.
- Confirm SDR/DR, pressure class, angle, and end configuration with SP1 Fittings Inc. before ordering.
- Custom angles, radius, Metric or DIPS, and other configurations may be available on request.
- Metric and DIPS sizing may be available by special request.

FABRICATED LARGE RADIUS 30° SWEEP BENDS

IPS • 3D RADIUS • 30° • EXTENDED ENDS • DIMENSIONS IN INCHES



***Special Ordered Item. Contact SP1 Fittings for delivery.**

Nominal Size (IPS)	O.D. (inch)	Angle (°)	L (inch)	R (inch)	Radius Tol. (± inch)	H (inch)	L1 (inch)	L2 (inch)	Part Number
2"	2.374"	30°	9.843"	7.122"	0.712"	11.751"	23.315"	5.124"	SB3002**
3"	3.500"	30°	9.843"	10.500"	1.050"	12.656"	25.355"	6.346"	SB3003**
4"	4.500"	30°	9.843"	13.500"	1.350"	13.460"	27.167"	7.431"	SB3004**
6"	6.626"	30°	9.843"	19.878"	1.988"	15.169"	31.019"	9.738"	SB3006**
8"	8.626"	30°	9.843"	25.878"	2.588"	16.776"	34.642"	11.908"	SB3008**
10"	10.748"	30°	9.843"	32.244"	3.224"	18.482"	38.487"	14.211"	SB3010**
12"	12.748"	30°	9.843"	38.244"	3.824"	20.090"	42.110"	16.381"	SB3012**
14"	14.000"	30°	9.843"	42.000"	4.200"	21.096"	44.379"	17.740"	SB3014**
16"	16.000"	30°	9.843"	48.000"	4.800"	22.704"	48.002"	19.910"	SB3016**
18"	18.000"	30°	9.843"	54.000"	5.400"	24.312"	51.625"	22.081"	SB3018**
20"	20.000"	30°	9.843"	60.000"	6.000"	25.919"	55.249"	24.251"	SB3020**
22"	22.000"	30°	9.843"	66.000"	6.600"	27.527"	58.872"	26.422"	SB3022**
24"	24.000"	30°	9.843"	72.000"	7.200"	29.135"	62.496"	28.592"	SB3024**

(**) Denotes Required SDR

- Meets and exceeds PE4710, PE3608, PE100 Resin Specifications
- Long spigot ends strictly comply with ISO4427 standard requirements.
- Confirm SDR/DR, pressure class, angle, and end configuration with SP1 Fittings Inc. before ordering.
- Custom angles, radius, Metric or DIPS, and other configurations may be available on request.
- Metric and DIPS sizing may be available by special request.