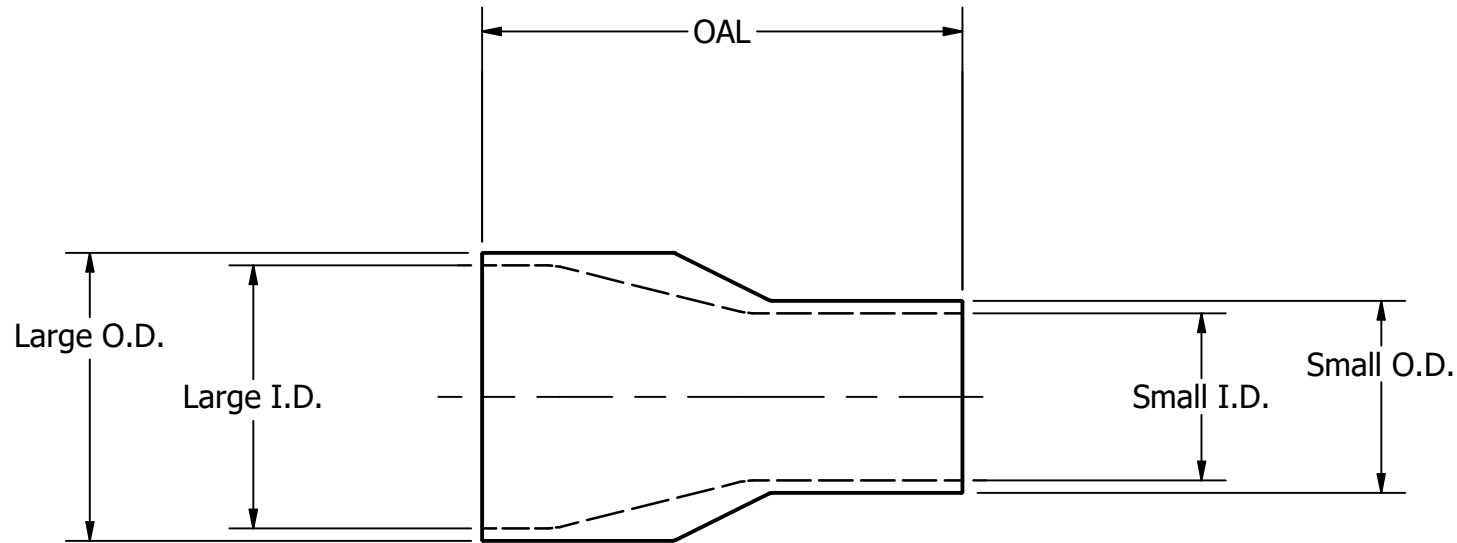


Part No.	Large O.D.	Large I.D.	Small O.D.	Small I.D.	OAL
S31S-.50X.25	.500	.370	.250	.180	1.875
S31S-.75X.50	.750	.620	.500	.370	2.125
S31S-1X.50	1.000	.870	.500	.370	2.500
S31S-1X.75	1.000	.870	.750	.620	2.125
S31S-15X.75	1.500	1.370	.750	.620	3.000
S31S-15X1	1.500	1.370	1.000	.870	2.500
S31S-2X1	2.000	1.870	1.000	.870	3.375
S31S-2X15	2.000	1.870	1.500	1.370	2.500
S31S-25X15	2.500	2.370	1.500	1.370	3.375
S31S-25X2	2.500	2.370	2.000	1.870	2.500



NOTES:

1.) Part must conform to the latest ASME BPE Specifications for Dimensions and Material

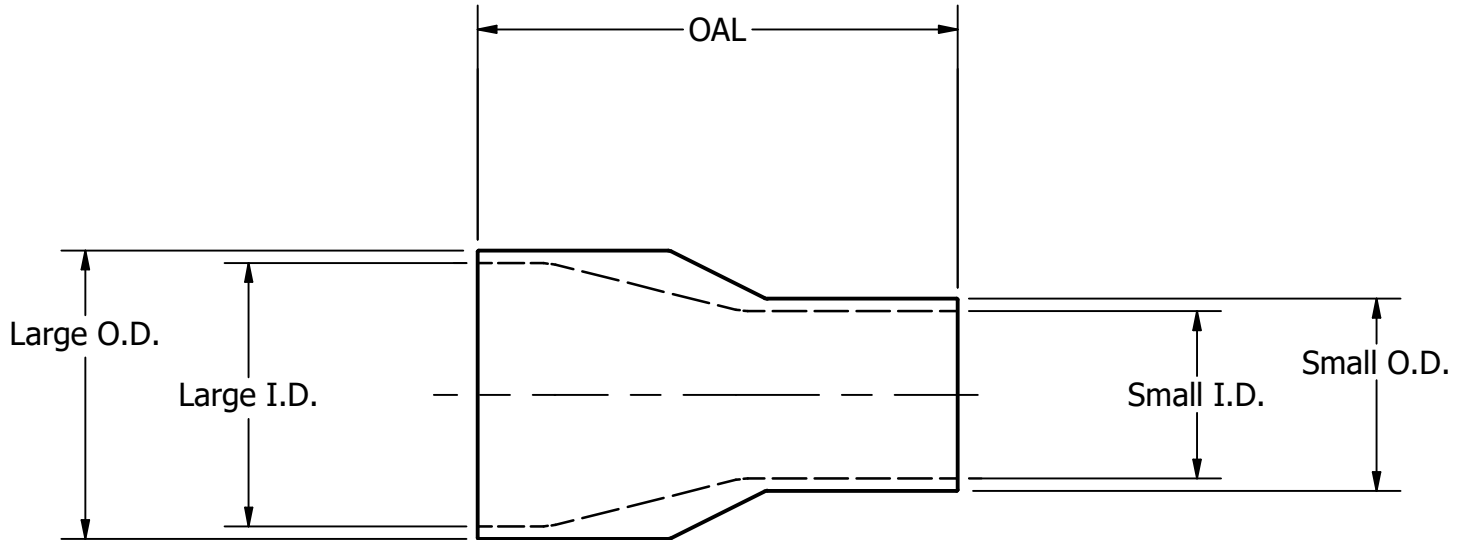
REVISION HISTORY		
REV	DESCRIPTION	DATE
1	Added .500x.250 Size	5/29/2019

TOLERANCES
REFER TO LATEST ASME-BPE SPECIFICATIONS

Steel & O'Brien Mfg. Inc.	
TITLE S31S AUTOMATIC TUBE WELD SHORT CONCENTRIC REDUCER	
DWG NO: S31S	REV 1
SCALE: 1 : 1	SHEET 1 OF 2



Part No.	Large O.D.	Large I.D.	Small O.D.	Small I.D.	OAL
S31S-3X15	3.000	2.870	1.500	1.370	4.250
S31S-3X2	3.000	2.870	2.000	1.870	3.375
S31S-3X25	3.000	2.870	2.500	2.370	2.625
S31S-4X2	4.000	3.834	2.000	1.870	5.125
S31S-4X25	4.000	3.834	2.500	2.370	4.250
S31S-4X3	4.000	3.834	3.000	2.870	3.875
S31S-6X3	6.000	5.782	3.000	2.870	7.250
S31S-6X4	6.000	5.782	4.000	3.834	5.625



NOTES:

1.) Part must conform to the latest ASME BPE Specifications for Dimensions and Material

TOLERANCES REFER TO LATEST ASME-BPE SPECIFICATIONS	Steel & O'Brien Mfg. Inc.	
	TITLE S31S AUTOMATIC TUBE WELD SHORT CONCENTRIC REDUCER	
	DWG NO: S31S	REV 1
	SCALE: 1 : 1	SHEET 2 OF 2