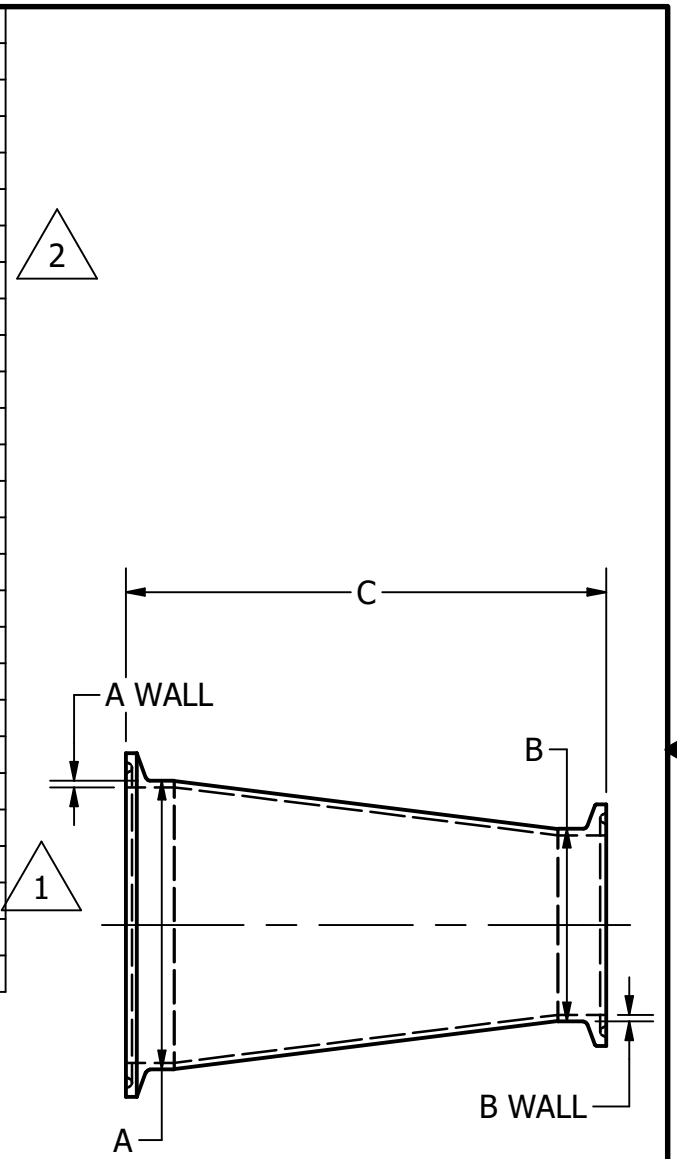


PART #	A	A WALL	B	B WALL	C
31-14MP-.75X.50	.75 [19.05mm]	0.065	0.50 [12.70mm]	0.065	2.000
31-14MP-1X.50	1.0 [25.40mm]	0.065	0.50 [12.70mm]	0.065	3.000
31-14MP-1X.75	1.0 [25.40mm]	0.065	.75 [19.05mm]	0.065	2.000
31-14MP-15X.50	1.5 [38.10mm]	0.065	0.50 [12.70mm]	0.065	5.000
31-14MP-15X.75	1.5 [38.10mm]	0.065	0.75 [19.05mm]	0.065	4.000
31-14MP-15X.75X3	1.5 [38.10mm]	0.065	0.75 [19.05mm]	0.065	3.000
31-14MP-15X1	1.5 [38.10mm]	0.065	1.0 [25.40mm]	0.065	3.000
31-14MP-2X.50	2.0 [50.80mm]	0.065	0.50 [12.70mm]	0.065	5.500
31-14MP-2X1	2.0 [50.80mm]	0.065	1.0 [25.40mm]	0.065	5.000
31-14MP-2X15	2.0 [50.80mm]	0.065	1.5 [38.10mm]	0.065	3.000
31-14MP-25X1	2.5 [63.50mm]	0.065	1.0 [25.40mm]	0.065	7.000
31-14MP-25X15	2.5 [63.50mm]	0.065	1.5 [38.10mm]	0.065	5.000
31-14MP-25X2	2.5 [63.50mm]	0.065	2.0 [50.80mm]	0.065	3.000
31-14MP-3X.50	3.0 [76.20mm]	0.065	0.50 [12.70mm]	0.065	11.000
31-14MP-3X1	3.0 [76.20mm]	0.065	1.0 [25.40mm]	0.065	9.000
31-14MP-3X15	3.0 [76.20mm]	0.065	1.5 [38.10mm]	0.065	7.000
31-14MP-3X2	3.0 [76.20mm]	0.065	2.0 [50.80mm]	0.065	5.000
31-14MP-3X25	3.0 [76.20mm]	0.065	2.5 [63.50mm]	0.065	3.000
31-14MP-4X1	4.0 [101.60mm]	0.083	1.0 [25.40mm]	0.065	13.125
31-14MP-4X15	4.0 [101.60mm]	0.083	1.5 [38.10mm]	0.065	11.125
31-14MP-4X2	4.0 [101.60mm]	0.083	2.0 [50.80mm]	0.065	9.125
31-14MP-4X25	4.0 [101.60mm]	0.083	2.5 [63.50mm]	0.065	7.125
31-14MP-4X3	4.0 [101.60mm]	0.083	3.0 [76.20mm]	0.065	5.125
31-14MP-6X3	6.0 [152.40mm]	0.109	3.0 [76.20mm]	0.065	6.750
31-14MP-6X4	6.0 [152.40mm]	0.109	4.0 [101.60mm]	0.083	6.875
31-14MP-8X4	8.0 [203.20mm]	0.109	4.0 [101.60mm]	0.083	7.500



31-14MP-XX-X-XXX

TUBE O.D. SIZES:

- .50 = 1/2"
- 2 = 2"
- 25 = 2-1/2"

MATERIAL:

- 304 - 304 STAINLESS STEEL
- 316 - 316 STAINLESS STEEL

FINISH:

- 1 UNPOLISHED I.D. / UNPOLISHED O.D. (MILL FINISH)
- 3 POLISH ID (32 Ra), UNPOLISHED O.D.
- 5 UNPOLISHED I.D. / POLISHED O.D. (32 Ra)
- 7 POLISHED I.D. (32 Ra) / POLISHED O.D. (32 Ra)

REVISION HISTORY

REV	DESCRIPTION	DATE
1	6.750 was 6.846, 6.875 was 6.968	3/5/13
2	Added 31-14MP-15X.75X3	9/18/13

TOLERANCES

REFER TO
STEEL & O'BRIEN
DOCUMENT # QS121

Steel & O'Brien Mfg. Inc.

TITLE	
31-14MP CONCENTRIC CLAMP REDUCER	
DWG NO: 31-14MP	REV 2
SCALE: 1 : 1	SHEET 1 OF 1