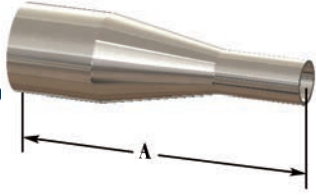


High Purity BioPharm Fittings

Weld x Weld Concentric Reducers - T31W

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
¾" x ½"	4.00"	2211CBB075050F1	2211CBB075050F4
1" x ½"	4.50"	2211CBB100050F1	2211CBB100050F4
1" x ¾"	4.00"	2211CBB100075F1	2211CBB100075F4
1½" x ¾"	5.00"	2211CBB150075F1	2211CBB150075F4
1½" x 1"	5.00"	2211CBB150100F1	2211CBB150100F4
2" x 1"	7.25"	2211CBB200100F1	2211CBB200100F4
2" x 1½"	5.25"	2211CBB200150F1	2211CBB200150F4

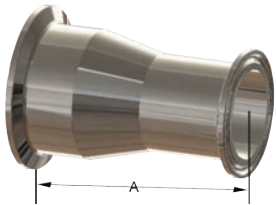
Sanitary Fittings



BPE Table DT-4.1.3-1(a)

Clamp x Clamp Concentric Reducers - T3114MP

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
¾" x ½"	2.000"	2221CBB075050F1	2221CBB075050F4
1" x ½"	2.500"	2221CBB100050F1	2221CBB100050F4
1" x ¾"	2.000"	2221CBB100075F1	2221CBB100075F4
1½" x ¾"	3.000"	2221CBB150075F1	2221CBB150075F4
1½" x 1"	3.000"	2221CBB150100F1	2221CBB150100F4
2" x 1"	5.000"	2221CBB200100F1	2221CBB200100F4
2" x 1½"	3.000"	2221CBB200150F1	2221CBB200150F4



BPE Table DT-4.1.3-3(a)

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished