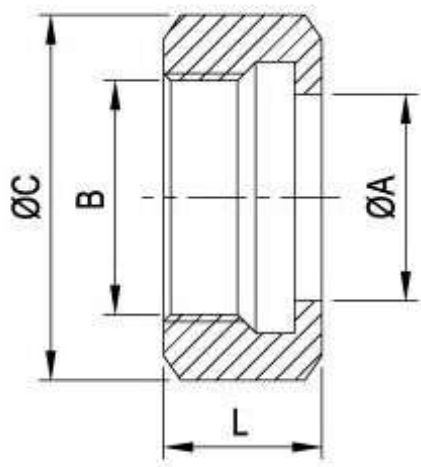
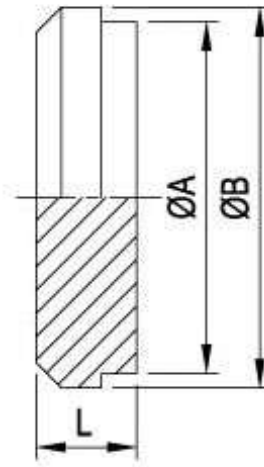




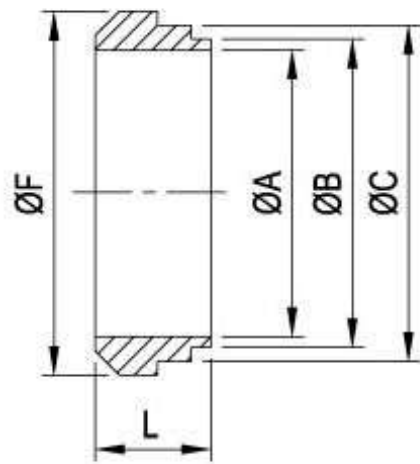
3A Hexagonal Nut 3A-13H

SIZE	ØA	B	C	L
1.0"	30.3	38.02 ACME 8TPI	46	23
1.5"	43.4	51.54 ACME 8TPI	61.1	24.6
2.0"	56.5	65.05 ACME 8TPI	76.2	27
2.5"	69.6	78.56 ACME 8TPI	91.3	29.6
3.0"	82.7	92.08 ACME 8TPI	106.4	32.5
4.0"	108.9	120.14 ACME 6TPI	137.6	38.1



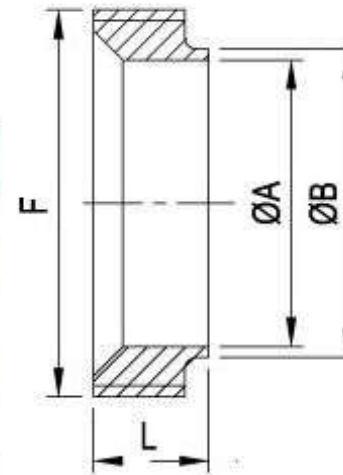
3A-16A

SIZE	ØA	ØB	L
1.0"	29.5	33.3	11.9
1.5"	42.6	46.8	14.3
2.0"	55.7	60.3	15.9
2.5"	68.8	73.8	16.7
3.0"	81.9	87.3	18.3
4.0"	108.1	114.3	20.6



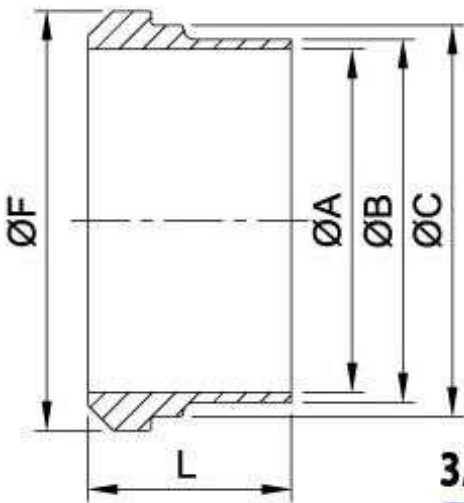
**3A short Bevel Seat
Weld Liner 3A-14PRF**

SIZE	ØA	ØB	ØC	ØF	L
1.0"	22.1	25.4	29.5	33.3	18.3
1.5"	34.8	38.1	42.6	46.8	18.3
2.0"	47.5	50.8	55.7	60.3	19.1
2.5"	60.2	63.5	68.8	73.8	22.3
3.0"	72.9	76.2	91.9	87.3	23.1
4.0"	97.6	101.6	108.1	114.3	26.2



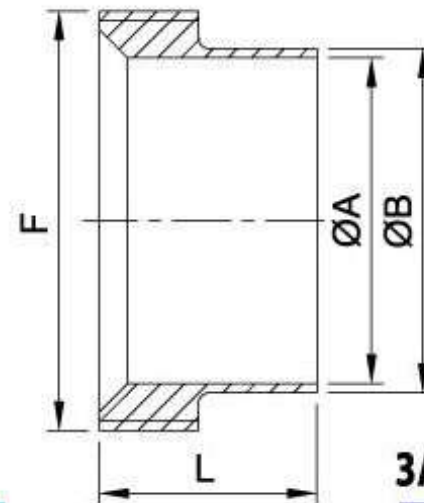
**3A short Bevel Seat
Weld Male 3A-15TRF**

SIZE	ØA	ØB	F	L
1.0"	22.1	25.4	37.13 ACME 8TPI	18.3
1.5"	34.8	38.1	50.65 ACME 8TPI	18.3
2.0"	47.5	50.8	64.17 ACME 8TPI	19.1
2.5"	60.2	63.5	77.67 ACME 8TPI	22.2
3.0"	72.9	76.2	91.19 ACME 8TPI	23.1
4.0"	97.6	101.6	119.25 ACME 6TPI	26.2



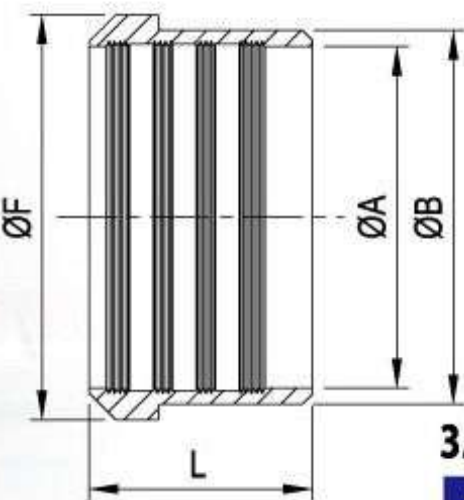
3A-14A Long Weld Liner

SIZE	ØA	ØB	ØC	ØF	L
1.0"	22.2	25.4	29.5	33.3	34.9
1.5"	34.9	38.1	42.6	46.8	38.1
2.0"	47.6	50.8	55.7	60.3	38.1
2.5"	60.3	63.5	68.8	73.8	44.5
3.0"	73	76.2	91.9	87.3	44.5
4.0"	97.6	101.6	108.1	114.3	44.5



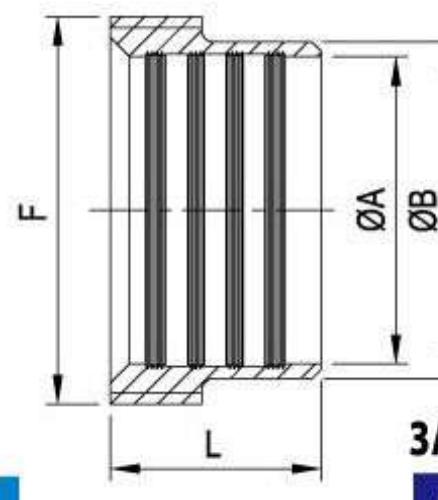
3A-15A Long Weld Male

SIZE	ØA	ØB	F	L
1.0"	22.1	25.4	37.13 ACME 8TPI	34.9
1.5"	34.9	38.1	50.65 ACME 8TPI	38.1
2.0"	47.6	50.8	64.16 ACME 8TPI	38.1
2.5"	60.2	63.5	77.67 ACME 8TPI	44.5
3.0"	73	76.2	91.19 ACME 8TPI	44.5
4.0"	97.6	101.6	119.25 ACME 6TPI	44.5



3A-14R Recessless Liner

SIZE	ØA	ØB	ØF	L
1.0"	25.5	29.5	33.3	19.1
1.5"	38.2	42.6	46.8	28.6
2.0"	50.9	55.7	60.3	33.3
2.5"	63.6	68.8	73.8	34.9
3.0"	76.3	81.9	87.3	36.5
4.0"	101.7	108.1	114.3	38.1



3A-15R Recessless Male

SIZE	ØA	ØB	F	L
1.0"	25.5	29.5	37.13 ACME 8TPI	20.6
1.5"	38.2	42.6	50.65 ACME 8TPI	28.6
2.0"	50.9	55.7	64.17 ACME 8TPI	34.9
2.5"	63.6	68.8	77.67 ACME 8TPI	38.1
3.0"	76.3	81.9	91.19 ACME 8TPI	41.3
4.0"	101.7	108.1	119.25 ACME 6TPI	41.3