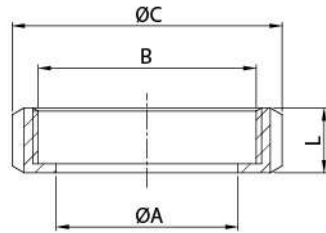
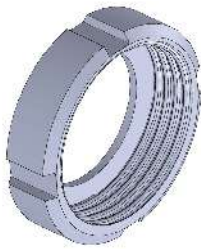
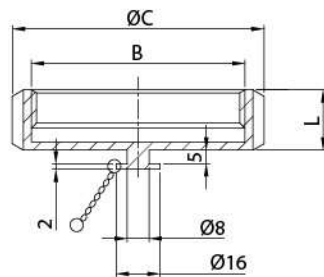


DIN 11851 Unions

DIN-13R



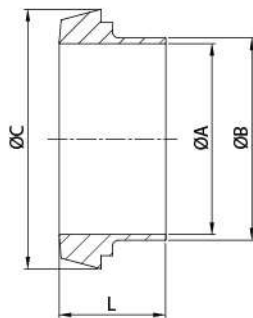
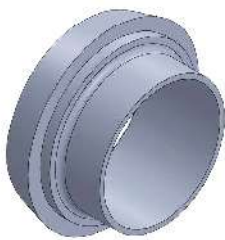
DIN-13RBN



DIN-13 ROUND NUT

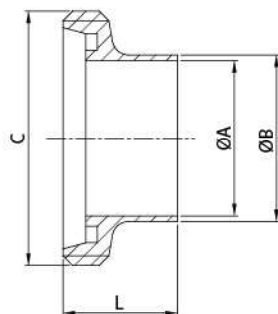
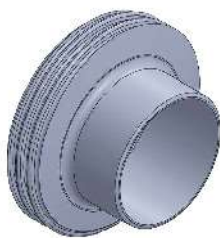
SIZE	ØA	B	ØC	L	SLOTS
10	19	RD 28*1/8	38	18	4
15	25	RD 34*1/8	44	18	4
20	31	RD 44*1/6	54	20	4
25	36	RD 52*1/6	63	21	4
32	42	RD 58*1/6	70	21	4
40	49	RD 65*1/6	78	21	4
50	62	RD 78*1/6	92	22	4
60	70	RD 85*1/6	99	22	4
65	80	RD 95*1/6	112	25	6
80	94	RD 110*1/4	127	29	6
90	104	RD 120*1/4	138	30	6
100	115	RD 130*1/4	148	31	6
125	138	RD 160*1/4	178	35	6
150	164	RD 190*1/4	210	40	6

DIN-14DA/DB WELDING LINER



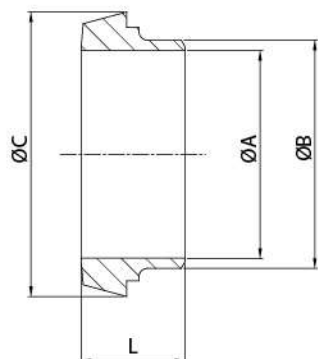
SIZE	DA		DB		ØC	L
	ØA	ØB	ØA	ØB		
10	10	13	9	12	22.5	17
15	16	19	15	18	28.5	17
20	20	23	19	22	36.5	18
25	26	29	25	28	44	22
32	32	35	31	34	50	25
40	38	41	37	40	56	26
50	50	53	49	52	68.5	28
60	57	61	57	61	76	30
65	66	70	66	70	86	32
80	81	85	81	85	100	37
100	100	104	100	104	121	44
125	125	129	125	129	150	34
150	150	154	150	154	176	37

DIN-15DA/DB WELDING MALE



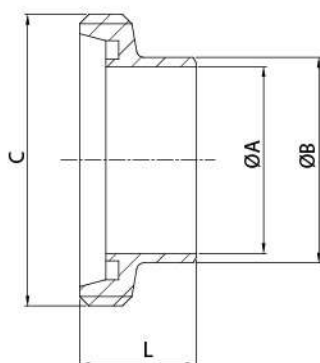
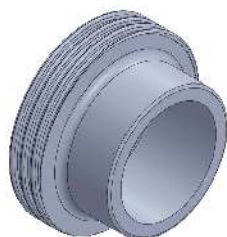
SIZE	DA		DB		C	L
	ØA	ØB	ØA	ØB		
10	10	13	9	12	RD 28*1/8	21
15	16	19	15	18	RD 34*1/8	21
20	20	23	19	22	RD 44*1/6	24
25	26	29	25	28	RD 52*1/6	29
32	32	35	31	34	RD 58*1/6	32
40	38	41	37	40	RD 65*1/6	33
50	50	53	49	52	RD 78*1/6	35
60	57	61	57	61	RD 85*1/6	36
65	66	70	66	70	RD 95*1/6	40
80	81	85	81	85	RD 110*1/4	45
90	89	93	89	93	RD 120*1/4	54
100	100	104	100	104	RD 130*1/4	54
125	125	129	125	129	RD 160*1/4	46
150	150	154	150	154	RD 190*1/4	50

DIN 11851 Unions



DIN-14 WELDING LINER

SIZE	ØA	ØB	ØC	L
10	10	15	22.5	17
15	16	21	28.5	17
20	20	25	36.5	18
25	26	31	44	22
32	32	37	50	25
40	38	43	56	26
50	50	55	68.5	28
60	57	63	76	30
65	66	72	86	32
80	81	87	100	37
100	99	104	121	44
	100	106	121	44
125	125	132	150	34
150	150	157	176	37



DIN-15 WELDING MALE

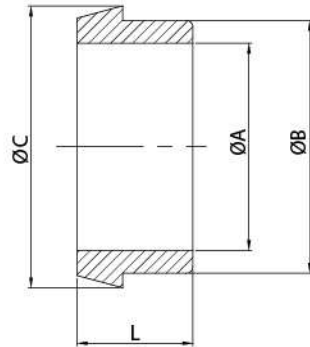
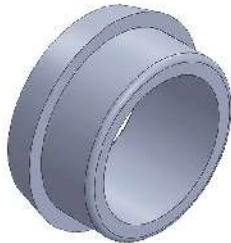
SIZE	ØA	ØB	C	L
10	10	15	RD 28*1/8	21
15	16	21	RD 34*1/8	21
20	20	25	RD 44*1/6	24
25	26	31	RD 52*1/6	29
32	32	37	RD 58*1/6	32
40	38	43	RD 65*1/6	33
50	50	55	RD 78*1/6	35
60	57	63	RD 85*1/6	36
65	66	72	RD 95*1/6	40
80	81	87	RD 110*1/4	45
100	99	104	RD 130*1/4	54
	100	106	RD 130*1/4	54
125	125	132	RD 160*1/4	46
150	150	157	RD 190*1/4	50



DIN SEAL RING (D Type) (EPDM 、 SILICONE 、 Viton (FKM))

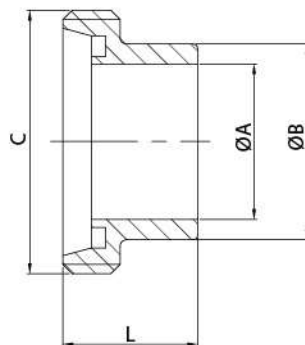
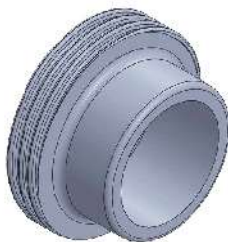
SIZE	ØA	B	L
10	12	4	4.5
15	18	4	4.5
20	23	5	4.5
25	30	5	5
32	36	5	5
40	42	5	5
50	54	5	5
65	71	5	5
80	85	5	5
100	104	5	5
125	130	6	7
150	155	6	7

DIN 11851 Unions



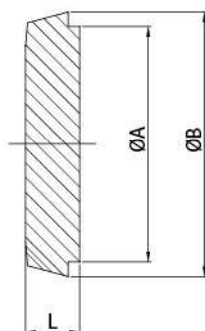
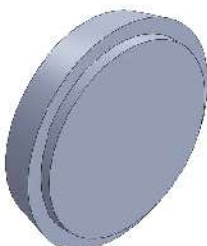
DIN-14T WELDING LINER

SIZE	ØA	ØB	ØC	L
10	10	18	22.5	17
15	16	24	28.5	17
20	20	30	36.5	18
25	26	35	44	22
32	32	41	50	25
40	38	48	56	26
50	50	61	68.5	28
65	66	79	86	32
80	81	93	100	37
100	99	112	121	44
	100	114	121	44
125	125	137	150	34
150	150	163	176	37



DIN-15T WELDING MALE

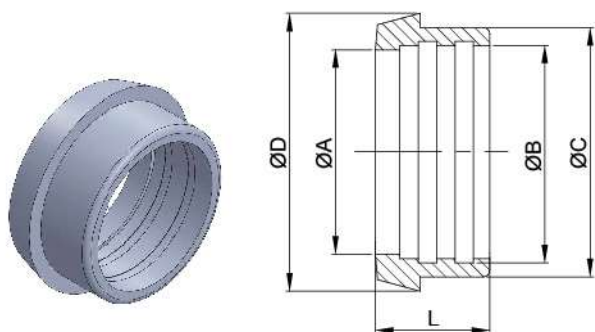
SIZE	ØA	ØB	C	L
10	10	18	RD 28*1/8	21
15	16	24	RD 34*1/8	21
20	20	30	RD 44*1/6	24
25	26	35	RD 52*1/6	29
32	32	41	RD 58*1/6	32
40	38	48	RD 65*1/6	33
50	50	61	RD 78*1/6	35
65	66	79	RD 95*1/6	40
80	81	93	RD 110*1/4	45
100	99	112	RD 130*1/4	54
	100	114	RD 130*1/4	54
125	125	137	RD 160*1/4	46
150	150	163	RD 190*1/4	50



DIN-14B END CAP

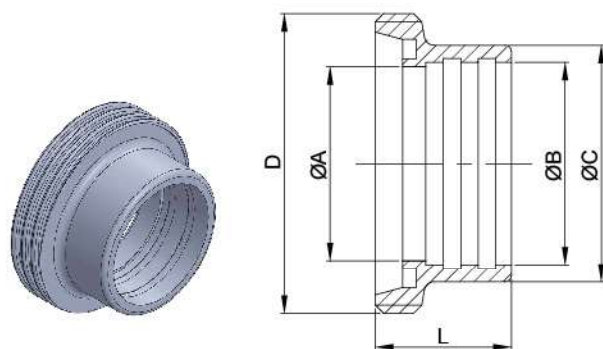
SIZE	ØA	ØB	L
10	18	22.5	9
15	24	28.5	9
20	30	36.5	11
25	35	44	13
32	41	50	13
40	48	56	13
50	61	68.5	14
65	79	86	16
80	93	100	16
90	103	111	19
100	114	121	20
125	137	150	22
150	163	176	24

DIN 11851 Expanding/Imperial Unions



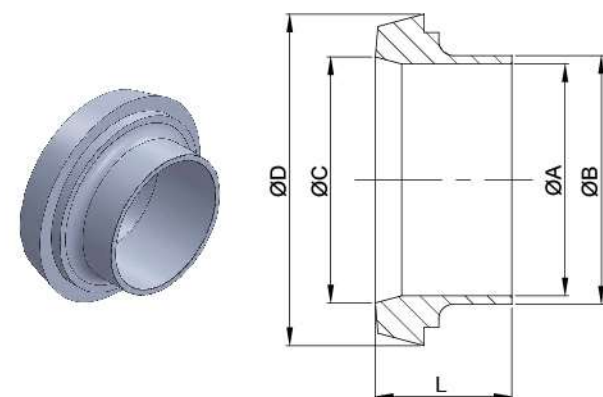
DIN-14R expanding liner

SIZE	ØA	ØB	ØC	ØD	L
10	10	12.2	18	22.5	17
15	16	18.2	24	28.5	17
20	20	22.2	30	36.5	18
25	26	28.2	35	44	22
32	32	34.2	41	50	25
40	38	40.3	48	56	26
50	50	52.3	61	68.5	28
65	66	70.4	79	86	32
80	81	85.4	93	100	37
100	100	105	114	121	44
125	125	129	137	150	34
150	150	154	163	176	37



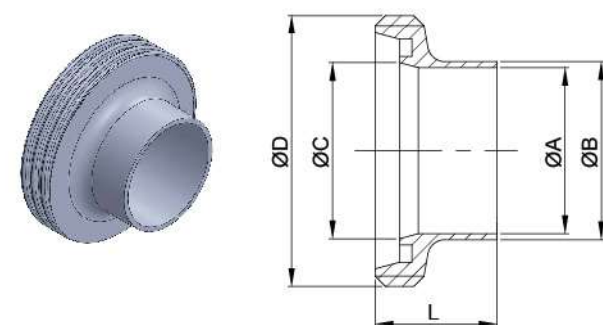
DIN-15R expanding male

SIZE	ØA	ØB	ØC	D	L
10	10	12.2	18	RD 28*1/8	21
15	16	18.2	24	RD 34*1/8	21
20	20	22.2	30	RD 44*1/6	24
25	26	28.2	35	RD 52*1/6	29
32	32	34.2	41	RD 58*1/6	32
40	38	40.3	48	RD 65*1/6	33
50	50	52.3	61	RD 78*1/6	35
65	66	70.4	79	RD 95*1/6	40
80	81	85.4	93	RD 110*1/4	45
100	100	105	114	RD 130*1/4	54
125	125	129	137	RD 160*1/4	46
150	150	154	163	RD 190*1/4	50



DIN-14I imperial welding liner

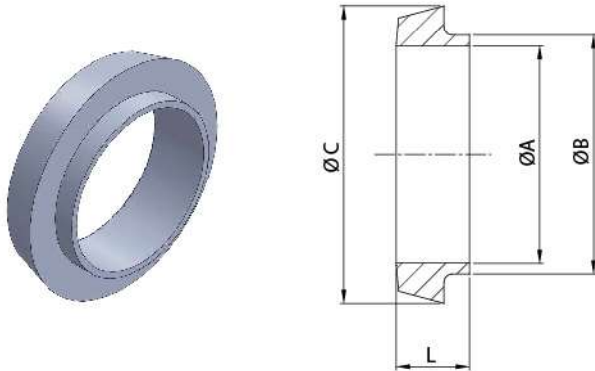
SIZE	ØA	ØB	ØC	ØD	L
1/2"	9.4	12.7	10	22.5	17
3/4"	15.75	19.05	20	36.5	18
1"	22.1	25.4	26	44	22
1.25"	28.45	31.75	32	50	25
1.5"	34.8	38.1	38	56	26
2"	47.5	50.8	50	68.5	28
2.5"	60.2	63.5	66	86	32
3"	72.9	76.2	81	100	37
4"	97.6	101.6	100	121	44



DIN-15I imperial welding male

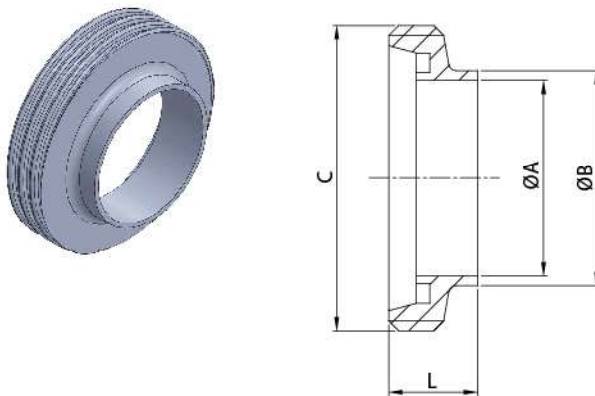
SIZE	ØA	ØB	ØC	D	L
1/2"	9.4	12.7	10	RD 28*1/8	21
3/4"	15.75	19.05	20	RD 44*1/6	24
1"	22.1	25.4	26	RD 52*1/6	29
1.25"	28.45	31.75	32	RD 58*1/6	32
1.5"	34.8	38.1	38	RD 65*1/6	33
2"	47.5	50.8	50	RD 78*1/6	35
2.5"	60.2	63.5	66	RD 95*1/6	40
3"	72.9	76.2	81	RD 110*1/4	45
4"	97.6	101.6	100	RD 130*1/4	54

DIN 11851 Expanding/Imperial Unions



DIN-14E SHORT WELDING LINER

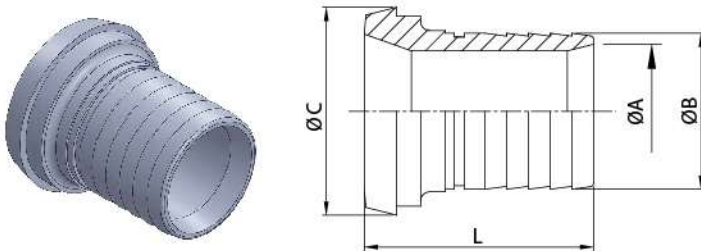
SIZE	DA		DB		ØC	L
	ØA	ØB	ØA	ØB		
10	10	13	9	12	22.5	13
15	16	19	15	18	28.5	13
20	20	23	19	22	36.5	13
25	26	29	25	28	44	15
32	32	35	31	34	50	15
40	38	41	37	40	56	15
50	50	53	49	52	68.5	16
60	57	61	57	61	76	16
65	66	70	66	70	86	17
80	80	85	81	85	100	17
100	100	104	100	104	121	20
125	125	129	125	129	150	23.5
150	150	154	150	154	176	27



DIN-15E SHORT WELDING MALE

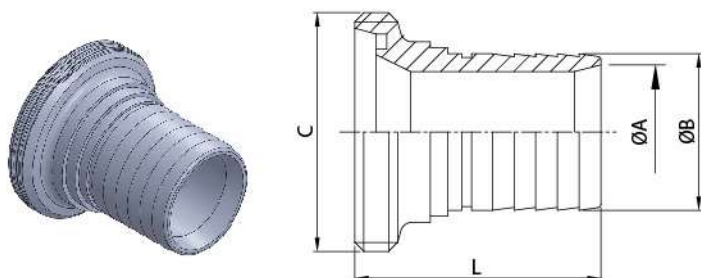
SIZE	DA		DB		C	L
	ØA	ØB	ØA	ØB		
10	10	13	9	12	RD 28*1/8	17
15	16	19	15	18	RD 34*1/8	17
20	20	23	19	22	RD 44*1/6	19
25	26	29	25	28	RD 52*1/6	22
32	32	35	31	34	RD 58*1/6	22
40	38	41	37	40	RD 65*1/6	22
50	50	53	49	52	RD 78*1/6	23
60	57	61	57	61	RD 85*1/6	23
65	66	70	66	70	RD 95*1/6	25
80	81	85	81	85	RD 110*1/4	25
90	89	93	89	93	RD 120*1/4	30
100	100	104	100	104	RD 130*1/4	30
125	125	129	125	129	RD 160*1/4	35.5
150	150	154	150	154	RD 190*1/4	40

DIN 11851 HOSE ADAPTER



DIN-14AHR HOSE ADAPTER

SIZE	ØA	ØB	ØC	L
25	22.2	25	44	67
32	28.7	32.2	50	71
40	34	38	56	78
50	47	50.5	68	89
65	59	63.2	86	100
80	71.5	75.5	100	108
100	95	100.8	121	120



DIN-15AHR HOSE ADAPTER

SIZE	ØA	ØB	C	L
25	22.2	25	RD 52*1/6	69
32	28.7	32.2	RD 58*1/6	73
40	34	38	RD 65*1/6	80
50	47	50.5	RD 78*1/6	90
65	59	63.2	RD 95*1/6	108
80	71.5	75.5	RD 110*1/4	116
100	95	100.8	RD 130*1/4	128