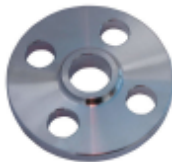


STAINLESS STEEL



Stainless steel threaded fittings

■ Cast threaded fittings - 150 lbs (BSP)



**Mandatory
packing applies**

Excluded from 2014/68/EU Directive (art. 4, §3) - For all common fluids from Group 2 & liquids from Group 1 - Material: CF8M body - BSP thread acc. to ISO 7.1 - PS: 20 bar - TS: -25°C/+180°C.

**ISO
9001**

2017 - Half socket



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
length (mm)	10	11	13	16	18	20	22	23	27
pack	10	10	10	10	10	5	5	5	5
code	2017001	2017002	2017003	2017004	2017005	2017006	2017007	2017008	2017009

2015 - Equal socket



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"	4"
length (mm)	17	25	26,5	34	36	43	48	48	56	65	71	83
pack	10	10	10	10	10	5	5	5	5	1	1	1
code	2015001	2015002	2015003	2015004	2015005	2015006	2015007	2015008	2015009	2015010	2015011	2015012

2001 - 90° equal elbow female/female



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"	4"
pack	10	10	10	10	10	5	5	5	5	1	1	1
code	2001001	2001002	2001003	2001004	2001005	2001006	2001007	2001008	2001009	2001010	2001011	2001012

2010 - 90° equal street elbow male/female



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"
pack	10	10	10	10	10	5	5	5	5	1	1
code	2010001	2010002	2010003	2010004	2010005	2010006	2010007	2010008	2010009	2010010	2010011

2003 - Equal tee female



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"	4"
pack	10	10	10	10	10	5	5	5	5	1	1	1
code	2003001	2003002	2003003	2003004	2003005	2003006	2003007	2003008	2003009	2003010	2003011	2003012

2002 - Equal cross female



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	10	10	10	10	5	5	5
code	2002001	2002002	2002003	2002004	2002005	2002006	2002007	2002008	2002009

2013 - Reducing socket female/female



Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1"1/4"-1"	1"1/2"-1"1/4"	2"-1"1/2"
pack	10	10	10	10	10	5	5	5
code	2013002	2013003	2013004	2013005	2013006	2013007	2013008	2013009

2014 - Double reducing socket female/female



Ø	3/8"-1/8"	1/2"-1/4"	3/4"-3/8"	1"-1/2"	1"1/4"-3/4"	1"1/2"-1"	2"-1"1/4"
pack	10	10	10	5	5	5	5
code	2014003	2014004	2014005	2014006	2014007	2014008	2014009

2021 - Reducing bush



Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1"1/4"-1"	1"1/2"-1"1/4"	2"-1"1/2"
pack	10	10	10	10	5	5	5	5
code	2021002	2021003	2021004	2021005	2021006	2021007	2021008	2021009



2024 - Double reducing bush

Ø	3/8"-1/8"	1/2"-1/4"	3/4"-3/8"	1"-1/2"	1"1/4-3/4"	1"1/2-1"	2"-1"1/4"
pack	10	10	10	5	5	5	5
code	2024003	2024004	2024005	2024006	2024007	2024008	2024009



2031 - Reducing hexagonal nipple

Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1"1/4-1"	1"1/2-1"1/4"	2"-1"1/2"
pack	10	10	10	10	5	5	5	5
code	2031002	2031003	2031004	2031005	2031006	2031007	2031008	2031009



2032 - Double reducing hexagonal nipple

Ø	3/8"-1/8"	1/2"-1/4"	3/4"-3/8"	1"-1/2"	1"1/4-3/4"	1"1/2-1"	2"-1"1/4"
pack	10	10	10	5	5	5	5
code	2032003	2032004	2032005	2032006	2032007	2032008	2032009



2033 - Reducing socket female > male

Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1"1/4-1"	1"1/2-1"1/4"	2"-1"1/2"
pack	10	10	10	10	10	5	5	5
code	2033002	2033003	2033004	2033005	2033006	2033007	2033008	2033009



2030 - Equal hexagonal nipple

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	10	10	10	5	5	5	5
code	2030001	2030002	2030003	2030004	2030005	2030006	2030007	2030008	2030009



2035 - Hose nozzle male

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
hose	8	10	13	20	25	32	40	52
pack	10	10	10	10	5	5	5	5
code	2035002	2035003	2035004	2035005	2035006	2035007	2035008	2035009



2022 - Hexagonal plug

Ø	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	5	5	5	5
code	2022004	2022005	2022006	2022007	2022008	2022009



2023 - Plain hexagonal plug

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	10	10	10	5	5	5	5
code	2023001	2023002	2023003	2023004	2023005	2023006	2023007	2023008	2023009



2020 - Square head plain plug

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	10	10	10	10	5	5	5
code	2020001	2020002	2020003	2020004	2020005	2020006	2020007	2020008	2020009



2037 - Hexagonal cap

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	10	10	5	5	5	5
code	2037002	2037003	2037004	2037005	2037006	2037007	2037008	2037009



2036 - Hexagonal backnut

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
pack	10	10	10	10	10	10	5	5	5
code	2036001	2036002	2036003	2036004	2036005	2036006	2036007	2036008	2036009

■ Cast 3 piece unions - 150 lbs /



**Individual
packing**

Excluded from 2014/68/EU Directive (art. 4, §3) - For all common fluids from Group 2 & liquids from Group 1 - Material: CF8M body - BSP thread acc. to ISO 7.1 - Conical bearing - PS: 20 bar - TS: -25°C/+180°C.

**ISO
9001**



2029 - Equal union butt welding/butt welding

Ø	8	10	15	20	25	32	40	50
length (mm)	34,5	38,5	40	47,5	49,6	54,8	55	57,4
code	2029008	2029010	2029015	2029020	2029025	2029032	2029040	2029050



2027 - Equal union male/butt welding

Ø	1/4"-8	3/8"-10	1/2"-15	3/4"-20	1"-25	1"1/4-32	1"1/2-40	2"-50
length (mm)	46,4	47,7	53	60	66	72	73	77,6
code	2027208	2027310	2027415	2027520	2027625	2027732	2027840	2027950



2028 - Equal union female/butt welding

Ø	1/4"-8	3/8"-10	1/2"-15	3/4"-20	1"-25	1"1/4-32	1"1/2-40	2"-50
length (mm)	35	38	40	45,7	50	56	57	58,6
code	2028208	2028310	2028415	2028520	2028625	2028732	2028840	2028950



2062 - Equal union male/male

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
length (mm)	56	57,5	66,5	73,4	81	89,5	89,3	99
code	2062002	2062003	2062004	2062005	2062006	2062007	2062008	2062009



2026 - Equal union male/female

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
length (mm)	46	48	52,8	58,6	66,5	73,5	74,5	80,5
code	2026002	2026003	2026004	2026005	2026006	2026007	2026008	2026009



2025 - Equal union female/female

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
length (mm)	34,5	37,6	38,6	44	51	58	59	61,5
code	2025002	2025003	2025004	2025005	2025006	2025007	2025008	2025009

NEW

■ Stainless steel threaded fittings



Individual packing

Excluded from 2017/68/EC Directive (art. 4, §3) - For all common fluids - Material: F316L or CF8M body - NPT thread acc. to B1.20.1 - PS: 20 bar.

ISO 9001

EF - Half-socket

Material: F316L body

NPT 



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length	18	22	25	28	32	36	36	40	40
code	EF5B	EF8B	EF12B	EF15B	EF20B	EF25B	EF32B	EF40B	EF50B

M - Socket

Material: F316L body

NPT 



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
length	25	28	32	36	42	45	55	55	60	65	72
code	M5B	M8B	M12B	M15B	M20B	M25B	M32B	M40B	M50B	M65B	M80B

CFF - 90° Equal elbow female/female

Material: CF8M body

NPT 



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
code	CFF5B	CFF8B	CFF12B	CFF15B	CFF20B	CFF25B	CFF32B	CFF40B	CFF50B	CFF65B	CFF80B

CMF - 90° Equal street elbow male/female

Material: CF8M body

NPT 



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
code	CMF5B	CMF8B	CMF12B	CMF15B	CMF20B	CMF25B	CMF32B	CMF40B	CMF50B	CMF65B	CMF80B

TE - Equal tee female

Material: CF8M body

NPT 



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	TE5B	TE8B	TE12B	TE15B	TE20B	TE25B	TE32B	TE40B	TE50B

CX - Equal cross female

Material: CF8M body

NPT 



Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	CX5B	CX8B	CX12B	CX15B	CX20B	CX25B	CX32B	CX40B	CX50B

RFF - Reducing socket female/female

Material: F316L body

NPT 



Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	2"-1 1/2"
code	RFF85B	RFF128B	RFF1512B	RFF2015B	RFF2520B	RFF5040B

RFF - Double reducing socket female/female

Material: F316L body

NPT 



Ø	1/2"-1/4"	3/4"-3/8"	1"-1/2"	2"-1 1/4"
code	RFF158B	RFF2012B	RFF2515B	RFF5032B

RFF - Triple reducing socket female/female

Material: F316L body

NPT 



Ø	3/4"-1/4"	2"-1"
code	RFF208B	RFF5025B

NEW



RMF - Reducing bush

Material: F316L body

NPT

Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1"-1/4-1"	1 1/2"-1 1/4"	2"-1 1/2"
code	RMF85B	RMF128B	RMF1512B	RMF2015B	RMF2520B	RMF3225B	RMF4032B	RMF5040B



RMF - Double reducing bush

Material: F316L body

NPT

Ø	3/8"-1/8"	1/2"-1/4"	3/4"-3/8"	1 1/4"-3/4"	1 1/2"-1"
code	RMF125B	RMF158B	RMF2012B	RMF3220B	RMF4025B



RMF - Triple reducing bush

Material: F316L body

NPT

Ø	1/2"-1/8"	3/4"-1/4"	1"-1/4"	1 1/2"-3/4"
code	RMF155B	RMF208B	RMF258B	RMF4020B



RMM - Reducing hexagonal nipple

Material: F316L body

NPT

Ø	1/4"-1/8"	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1 1/4"-1"	2"-1 1/2"
code	RMM85B	RMM128B	RMM1512B	RMM2015B	RMM2520B	RMM3225B	RMM5040B



RMM - Double reducing hexagonal nipple

Material: F316L body

NPT

Ø	3/8"-1/8"	1/2"-1/8"	1 1/2"-1/4"	3/4"-3/8"	1"-1/2"
code	RMM125B	RMM155B	RMM158B	RMM2012B	RMM2515B



MH - Equal hexagonal nipple

Material: CF8M body

NPT

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	MH5B	MH8B	MH12B	MH15B	MH20B	MH25B	MH32B	MH40B	MH50B



MHS - Weld end hexagonal nipple

Material: F316L body

NPT

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	MHS5B	MHS8B	MHS12B	MHS15B	MHS20B	MHS25B	MHS32B	MHS40B	MHS50B



BHC - Square hole plug

Material: F316L body

NPT

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"
code	BHC5B	BHC8B	BHC12B	BHC15B	BHC20B	BHC25B



BM - Hexagonal plug

Material: F316L body

NPT

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
code	BM5B	BM8B	BM12B	BM15B	BM20B	BM25B	BM32B	BM40B	BM50B	BM65B	BM80B



BF - Hexagonal cap

Material: F316L body

NPT

Ø	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
code	-	BF8B	BF12B	BF15B	BF20B	BF25B	BF32B	BF40B	BF50B	BF65B	BF80B	BF100B

Forged stainless steel union fittings - 1000 psi

■ Forged 3 piece unions - Conical bearing /



Individual
packing

Excluded from 2017/68/EC Directive (art. §4, 3) - For all common fluids - Material: F316L body - BSP thread acc. to ISO 7.1 - Conical bearing - PS: 60 bar - TS: -25°C/+180°C.

ISO
9001

2069 - Equal union butt welding/butt welding



Ø	8	10	15	20	25	32	40	50
length (mm)	40	45	48	52	55	56	58	62
code	2069008	2069010	2069015	2069020	2069025	2069032	2069040	2069050

2067 - Equal union male/butt welding



Ø	1/4"-8	3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
length (mm)	40	47	52	59	64	65	65	73
code	2067208	2067310	2067415	2067520	2067625	2067732	2067840	2067950

2068 - Equal union female/butt welding



Ø	1/4"-8	3/8"-10	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
length (mm)	31	35	40	45	50	53	53	61
code	2068208	2068310	2068415	2068520	2068625	2068732	2068840	2068950

2064 - Equal union male/male



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	50	57	66	71	80	82	85	95
code	2064002	2064003	2064004	2064005	2064006	2064007	2064008	2064009

2066 - Equal union male/female



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	41	45	54	57	66	70	73	83
code	2066002	2066003	2066004	2066005	2066006	2066007	2066008	2066009

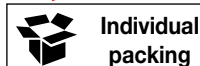
2065 - Equal union female/female



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	29	34	34	38	44	50	53	54
code	2065002	2065003	2065004	2065005	2065006	2065007	2065008	2065009



■ Forged 3 piece unions - Conical bearing /



Individual
packing

Excluded from 2017/68/EC Directive (art. 4, §3) - For all common fluids - Material: F316L body - NPT thread acc. to B1.20.1 - Conical bearing - PS: 64 bar up to 2", 40 bar above - TS: -25°C/+180°C.

ISO
9001

3.1
10 €/DN

LL - Equal union butt welding/butt welding



Ø	8	12	15	20	25	32	40	50	65	80	100
length (mm)	40	45	48	52	55	56	58	62	81	96	130
code	LL8	LL12	LL15	LL20	LL25	LL32	LL40	LL50	LL65	LL80	LL100

LM - Equal union male/butt welding



Ø	1/4"-8	3/8"-12	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
length (mm)	40	47	52	59	64	65	65	73
code	LM8B	LM12B	LM15B	LM20B	LM25B	LM32B	LM40B	LM50B

NEW



LF - Equal union butt welding/female

NPT

Ø	1/4"-8	3/8"-12	1/2"-15	3/4"-20	1"-25	1 1/4"-32	1 1/2"-40	2"-50
length (mm)	31	35	40	45	50	53	53	61
code	LF8B	LF12B	LF15B	LF20B	LF25B	LF32B	LF40B	LF50B



MM - Equal union male/male

NPT

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	46	53	60	71	80	81	82	92
code	MM8B	MM12B	MM15B	MM20B	MM25B	MM32B	MM40B	MM50B



MF - Equal union male/female

NPT

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	38	42	49	57	66	70	71	79
code	MF8B	MF12B	MF15B	MF20B	MF25B	MF32B	MF40B	MF50B



FF - Equal union female/female

NPT

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	29	34	34	38	44	50	53	54
code	FF8B	FF12B	FF15B	FF20B	FF25B	FF32B	FF40B	FF50B



LLR - Reducing union butt welding>butt welding

Ø	8-5	12-8	15-12	20-15	25-20	32-25	40-32	50-40
length (mm)	40	45	48	52	55	56	58	62
code	LLR85	LLR128	LLR1512	LLR2015	LLR2520	LLR3225	LLR4032	LLR5040



LFR - Reducing union butt welding>female

NPT

Ø	8-1/8"	12-1/4"	15-3/8"	20-1/2"	25-3/4"	32-1"	40-1 1/4"	50-1 1/2"
length (mm)	32	36	40	46	46	53	53	56
code	LFR85B	LFR128B	LFR1512B	LFR2015B	LFR2520B	LFR3225B	LFR4032B	LFR5040B



FLR - Reducing union female>butt welding

NPT

Ø	1/4"-5	3/8"-8	1/2"-12	3/4"-15	1"-20	1 1/4"-25	1 1/2"-32	2"-40
length (mm)	32	36	40	46	46	50	53	56
code	FLR85B	FLR128B	FLR1512B	FLR2015B	FLR2520B	FLR3225B	FLR4032B	FLR5040B



FFR - Reducing union female>female

NPT

Ø	3/8"-1/4"	1/2"-3/8"	3/4"-1/2"	1"-3/4"	1 1/4"-1"	1 1/2"-1 1/4"	2"-1 1/2"
length (mm)	30	34	37	47	50	53	56
code	FFR128B	FFR1512B	FFR2015B	FFR2520B	FFR3225B	FFR4032B	FFR5040B

NEW



**Individual
packing**

■ Forged 3 piece unions - Flat bearing /

Excluded from 2014/68/EU Directive (art. 4.3) - For all common fluids - Material: F316L body - Flat bearing with PTFE gasket as standard - PS: 40 bar - TS: -20°C/+180°C.

**ISO
9001**

LLP - Equal union butt welding/butt welding



Ø	8	12	15	20	25	32	40	50	65
length (mm)	40	45	48	52	55	56	58	62	81
code	LLP8	LLP12	LLP15	LLP20	LLP25	LLP32	LLP40	LLP50	LLP65

LMP - Equal union butt welding/male



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
length (mm)	40	47	52	59	64	65	65	73	91
code	LMP8G	LMP12G	LMP15G	LMP20G	LMP25G	LMP32G	LMP40G	LMP50G	LMP65G

LFP - Equal union butt welding/female



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	31	35	40	45	50	53	53	61
code	LFP8G	LFP12G	LFP15G	LFP20G	LFP25G	LFP32G	LFP40G	LFP50G

MMP - Equal union male/male



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
length (mm)	46	53	60	71	80	81	82	92	108
code	MMP8G	MMP12G	MMP15G	MMP20G	MMP25G	MMP32G	MMP40G	MMP50G	MMP65G

MFP - Equal union male/female



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
length (mm)	38	42	49	57	66	70	71	79	88
code	MFP8G	MFP12G	MFP15G	MFP20G	MFP25G	MFP32G	MFP40G	MFP50G	MFP65G

FFP - Equal union female/female



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	29	34	34	38	44	50	53	54
code	FFP8G	FFP12G	FFP15G	FFP20G	FFP25G	FFP32G	FFP40G	FFP50G

LCP - Equal union butt welding/hose end



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	46	52	59	67	75	79	77	88
code	LCP8	LCP12	LCP15	LCP20	LCP25	LCP32	LCP40	LCP50

MCP - Equal union male/hose end



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	46	53	63	74	84	88	84	100
code	MCP8G	MCP12G	MCP15G	MCP20G	MCP25G	MCP32G	MCP40G	MCP50G

FCP - Equal union female/hose end



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
length (mm)	37	41	51	60	70	76	72	87
code	FCP8G	FCP12G	FCP15G	FCP20G	FCP25G	FCP32G	FCP40G	FCP50G

JTRU - Flat gasket



Ø	8	12	15	20	25	32	40	50	65
thickness (mm)	1,5	1,5	2	2	2	2	3	3	2
PTFE code	JTRU8	JTRU12	JTRU15	JTRU20	JTRU25	JTRU32	JTRU40	JTRU50	JTRU65
FKM code	JVRU8	JVRU12	JVRU15	JVRU20	JVRU25	JVRU32	JVRU40	JVRU50	JVRU65

NEW



**Individual
packing**

Forged stainless steel fittings - 3000 lbs

Main use: oil & gas, chemical, petrochemical industries - Manufactured acc. to ANSI B16.11 - NPT thread acc. to ANSI B1.20.1 - 3000 lbs fitting standard corresponds to schedule 80 pipe standard - Materials: 304L & 316L - PS: 150 bar.

3.1
10 €/DN

■ Pipe nipple

2EM/4EM - Half nipple schedule 80

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	36	36	36	36	36	48	48	48
304L code	2EM8	-	2EM15	2EM20	2EM25	-	-	-
316L code	4EM8	4EM12	4EM15	4EM20	4EM25	4EM32	4EM40	4EM50

4MC/4MCL - Barrel nipple length 70 mm

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
316L code	4MCL758	4MCL7512	4MCL7515	4MCL7520	4MCL7525	4MCL7532	4MCL7540	4MCL7550

4MC/4MCL - Barrel nipple length 100 mm

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
316L code	4MC8	4MC12	4MC15	4MC20	4MC25	4MC32	4MC40	4MC50

■ Threaded fitting

2DM/4DM - Half socket

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	17,5	19	24	25,5	30	33,5	39,5	43
304L code	2DM8	2DM12	2DM15	2DM20	2DM25	2DM32	2DM40	2DM50
316L code	4DM8	4DM12	4DM15	4DM20	4DM25	4DM32	4DM40	4DM50

2MA/4MA - Equal socket

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	35	38	48	51	60	67	79	86
304L code	2MA8	2MA12	2MA15	2MA20	2MA25	2MA32	2MA40	2MA50
316L code	4MA8	4MA12	4MA15	4MA20	4MA25	4MA32	4MA40	4MA50

2CFF/4CFF - 90° equal elbow female/female

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
304L code	2CFF8	2CFF12	2CFF15	2CFF20	2CFF25	2CFF32	2CFF40	2CFF50
316L code	4CFF8	4CFF12	4CFF15	4CFF20	4CFF25	4CFF32	4CFF40	4CFF50

2CFF45/4CFF45 - 45° equal elbow female/female

NPT 



NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
304L code	2CFF458	2CFF4512	2CFF4515	2CFF4520	2CFF4525	-	-	-
316L code	4CFF458	4CFF4512	4CFF4515	4CFF4520	4CFF4525	4CFF4532	4CFF4540	4CFF4550

NEW



2CMF/4CMF - 90° equal street elbow male/female

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"
316L code	4CMF8	4CMF12	4CMF15	4CMF20	4CMF25	4CMF32



2T/4T - Equal tee female

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
304L code	2T8	2T12	2T15	2T20	2T25	2T32	2T40	2T50
316L code	4T8	4T12	4T15	4T20	4T25	4T32	4T40	4T50



2RFF/4RFF - Reducing socket female/female

NPT

NPS	1/4"-1/8"	3/8"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-1/4"	3/4"-3/8"	3/4"-1/2"	1"-1/2"
length (mm)	-	38	48	48	51	51	51	60
304L code	2RFF85	2RFF128	2RFF158	2RFF1512	2RFF208	2RFF2012	2RFF2015	2RFF2515
316L code	4RFF85	4RFF128	4RFF158	4RFF1512	4RFF208	4RFF2012	4RFF2015	4RFF2515
NPS	1"-3/4"	1 1/4"-1"	1 1/2"-1"	1 1/2"-1 1/4"	2"-1"	2"-1 1/2"		
length (mm)	60	67	79	79	86	86		
304L code	2RFF2520	2RFF3225	2RFF4025	-	2RFF5025	-		
316L code	4RFF2520	4RFF3225	4RFF4025	4RFF4032	-	4RFF5040		



2RMF/4RMF - Hexagonal reducing bush

NPT

NPS	1/4"-1/8"	3/8"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-1/4"	3/4"-3/8"	3/4"-1/2"	1"-3/8"
length (mm)	-	17	20	20	22	22	22	25
304L code	2RMF85	2RMF128	2RMF158	2RMF1512	2RMF208	2RMF2012	2RMF2015	2RMF2512
316L code	4RMF85	4RMF128	4RMF158	4RMF1512	4RMF208	4RMF2012	4RMF2015	4RMF2512
NPS	1"-1/2"	1"-3/4"	1 1/4"-3/4"	1 1/4"-1"	1 1/2"-1"	1 1/2"-1 1/4"	2"-1 1/4"	2"-1 1/2"
length (mm)	25	25	28	28	29	29	31	31
304L code	2RMF2515	2RMF2520	2RMF3220	2RMF3225	2RMF4025	2RMF4032	2RMF5032	2RMF5040
316L code	4RMF2515	4RMF2520	4RMF3220	4RMF3225	4RMF4025	4RMF4032	4RMF5032	4RMF5040



2RMM/4RMM - Reducing hexagonal nipple

NPT

NPS	1/4"-1/8"	3/8"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-1/2"	1"-3/4"
length (mm)	31	39	43	44	46	50	55	56
304L code	2RMM85	2RMM128	2RMM158	2RMM1512	2RMM2012	2RMM2015	2RMM2515	2RMM2520
316L code	4RMM85	4RMM128	4RMM158	4RMM1512	4RMM2012	4RMM2015	4RMM2515	4RMM2520
NPS	1 1/4"-1"	1 1/2"-1"	1 1/2"-1 1/4"	2"-1 1/2"				
length (mm)	60	67	62	70				
304L code	2RMM3225	2RMM4025	2RMM4032	2RMM5040				
316L code	4RMM3225	4RMM4025	4RMM4032	4RMM5040				

NEW



4 RFM - Reducing socket female to male

NPT

NPS	3/8"-1/4"	1/2"-1/4"	1/2"-3/8"	3/4"-3/8"	3/4"-1/2"	1"-1/2"	1"1/4-1"
316L code	4RFM128	4RFM158	4RFM1512	4RFM2012	4RFM2015	4RFM2515	4RFM3225



2BO/4BO - NPT welding coupler

NPT

NPS	1/4"-8	3/8"-12	1/2"-15	3/4"-20	1"-25	1"1/4-32	1"1/2-40	2"-50
length (mm)	30,5	30,5	33,5	35	43	48	51	57,5
304L code	2BO8	2BO12	2BO15	2BO20	2BO25	2BO32	2BO40	2BO50
316L code	4BO8	4BO12	4BO15	4BO20	4BO25	4BO32	4BO40	4BO50



2MH/4MH - Equal hexagonal nipple

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	36	40	48	52	60	64	68	71
304L code	2MH8	2MH12	2MH15	2MH20	2MH25	2MH32	2MH40	2MH50
316L code	4MH8	4MH12	4MH15	4MH20	4MH25	4MH32	4MH40	4MH50



2BM/4BM - Hexagonal plug

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	17	21	23	26	29	35	37	39
304L code	2BM8	2BM12	2BM15	2BM20	2BM25	2BM32	2BM40	2BM50
316L code	4BM8	4BM12	4BM15	4BM20	4BM25	4BM32	4BM40	4BM50



2BF/4BF - Cap

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	25	25	32	37	41	44	44	48
304L code	2BF8	2BF12	2BF15	2BF20	2BF25	2BF32	2BF40	2BF50
316L code	4BF8	4BF12	4BF15	4BF20	4BF25	4BF32	4BF40	4BF50



2MF/4MF - Equal union male/female

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	63	69	77	80	97	101	110	120
304L code	2MF8	2MF12	2MF15	2MF20	2MF25	2MF32	2MF40	2MF50
316L code	4MF8	4MF12	4MF15	4MF20	4MF25	4MF32	4MF40	4MF50



2FF/4FF - Equal union female/female

NPT

NPS	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
length (mm)	42,5	47,5	52	57	63	70	78	89
304L code	2FF8	2FF12	2FF15	2FF20	2FF25	2FF32	2FF40	2FF50
316L code	4FF8	4FF12	4FF15	4FF20	4FF25	4FF32	4FF40	4FF50

NEW

■ Welding fittings

2DMW/4DMW - Half socket



Ø	8	12	15	20	25	32	40	50
length (mm)	27	28	33	36	42	43	45	56
304L code	2DMW8	2DMW12	2DMW15	2DMW20	2DMW25	2DMW32	2DMW40	2DMW50
316L code	4DMW8	4DMW12	4DMW15	4DMW20	4DMW25	4DMW32	4DMW40	4DMW50

2MAW/4MAW - Equal socket



Ø	8	12	15	20	25	32	40	50
length (mm)	26	26	29	34	37	38	38	51
304L code	2MAW8	2MAW12	2MAW15	2MAW20	2MAW25	2MAW32	2MAW40	2MAW50
316L code	4MAW8	4MAW12	4MAW15	4MAW20	4MAW25	4MAW32	4MAW40	4MAW50

2CFFW/4CFFW - 90° equal elbow



Ø	8	12	15	20	25	32	40	50
304L code	2CFFW8	2CFFW12	2CFFW15	2CFFW20	2CFFW25	2CFFW32	2CFFW40	2CFFW50
316L code	4CFFW8	4CFFW12	4CFFW15	4CFFW20	4CFFW25	4CFFW32	4CFFW40	4CFFW50

2CFFW45/4CFFW45 - 45° equal elbow



Ø	8	12	15	20	25	32	40	50
304L code	2CFFW458	2CFFW4512	2CFFW4515	2CFFW4520	2CFFW4525	2CFFW4532	2CFFW4540	2CFFW4550
316L code	4CFFW458	4CFFW4512	4CFFW4515	4CFFW4520	4CFFW4525	4CFFW4532	4CFFW4540	4CFFW4550

2TW/4TW - Equal tee



Ø	8	12	15	20	25	32	40	50
304L code	2TW8	2TW12	2TW15	2TW20	2TW25	2TW32	2TW40	2TW50
316L code	4TW8	4TW12	4TW15	4TW20	4TW25	4TW32	4TW40	4TW50

2RFFW/4RFFW - Reducing socket



Ø	8-5	12-8	15-8	15-12	20-8	20-12	20-15	25-15
length (mm)	23,5	25	29	29	35	35	35	38
304L code	2RFFW85	2RFFW128	2RFFW158	2RFFW1512	2RFFW208	2RFFW2012	2RFFW2015	2RFFW2515
316L code	4RFFW85	4RFFW128	4RFFW158	4RFFW1512	4RFFW208	4RFFW2012	4RFFW2015	4RFFW2515

Ø	25-20	32-20	32-25	40-25	40-32	50-25	50-40
length (mm)	38	38	38	38	38	46	46
304L code	2RFFW2520	2RFFW3220	2RFFW3225	2RFFW4025	-	2RFFW5025	-
316L code	4RFFW2520	4RFFW3220	4RFFW3225	4RFFW4025	4RFFW4032	4RFFW5025	4RFFW5040

NEW



2BOW/4BOW - Couplet

Ø	8	12	15	20	25	32	40	50
length (mm)	30,5	30,5	33,5	35	43	48	51	57,5
304L code	2BOW8	2BOW12	2BOW15	2BOW20	2BOW25	2BOW32	2BOW40	2BOW50
316L code	4BOW8	4BOW12	4BOW15	4BOW20	4BOW25	4BOW32	4BOW40	4BOW50



2BFW/4BFW - Cap

Ø	8	12	15	20	25	32	40	50
length (mm)	15	17	19	23	26	28	30	36
304L code	2BFW8	2BFW12	2BFW15	2BFW20	2BFW25	2BFW32	2BFW40	2BFW50
316L code	4BFW8	4BFW12	4BFW15	4BFW20	4BFW25	4BFW32	4BFW40	4BFW50



2FFW/4FFW - Equal union

Ø	8	12	15	20	25	32	40	50
length (mm)	42,5	47,5	52	57	63	70	78	89
304L code	2FFW8	2FFW12	2FFW15	2FFW20	2FFW25	2FFW32	2FFW40	2FFW50
316L code	4FFW8	4FFW12	4FFW15	4FFW20	4FFW25	4FFW32	4FFW40	4FFW50

Stainless steel welding fittings



**Individual
packing**

Materials: 304L & 316L.

3.1

10 €/DN

■ Metric standard

21DR/41DR - Welded bend 1,5D

Ø	18	20	23	25	28	30	33	38	43	53
thickness (mm)	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
304L code	21DR181	21DR201	21DR231	21DR251	21DR281	21DR301	21DR331	21DR381	21DR431	21DR531
316L code	41DR181	41DR201	41DR231	41DR251	41DR281	41DR301	41DR331	41DR381	41DR431	41DR531

Ø	54	63,5	70	73	84	104	129	154	204	254
thickness (mm)	2	1,5	2	1,5	2	2	2	2	2	2
304L code	21DR542	21DR631	21DR702	21DR731	21DR842	21DR1042	21DR1292	21DR1542	21DR2042	21DR2542
316L code	41DR542	41DR631	41DR702	41DR731	41DR842	41DR1042	41DR1292	41DR1542	41DR2042	41DR2542



NEW



2TSS/4TSS - Welded tee without sleeve

Ø	23	28	33	38	43	54	84	104	123	129	154	204
thickness (mm)	1,5	1,5	1,5	1,5	1,5	2	2	2	1,5	2	2	2
304L code	2TSS231	2TSS281	2TSS331	2TSS381	2TSS431	2TSS542	2TSS842	2TSS1042	2TSS1231	2TSS1292	2TSS1542	2TSS2042
316L code	4TSS231	4TSS281	4TSS331	4TSS381	4TSS431	4TSS542	4TSS842	4TSS1042	4TSS1231	4TSS1292	4TSS1542	4TSS2042

2TS/4TS - Welded tee with sleeve



Ø	23	28	33	38	43	54	84	104	123	129	154	204
thickness (mm)	1,5	1,5	1,5	1,5	1,5	2	2	2	1,5	2	2	2
304L code	2TS231	2TS281	2TS331	2TS381	2TS431	2TS542	-	-	2TS1231	2TS1292	2TS1542	2TS2042
316L code	-	-	4TS331	-	4TS431	4TS542	4TS842	4TS1042	-	4TS1292	-	4TS2042

2R/4R - Welded concentric reducer



Ø	44-24	44-34	54-24	54-34	54-44	64-44	64-54	69-44	69-54	74-44
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	-	-	2R5424	2R5434	2R5444	2R6444	2R6454	2R6944	2R6954	2R7444
316L code	4R4424	4R4434	4R5424	4R5434	4R5444	4R6444	4R6454	4R6944	4R6954	4R7444
Ø	74-54	74-64	84-44	84-54	84-64	84-69	84-74	104-54	104-69	104-74
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	2R7454	2R7464	2R8444	2R8454	2R8464	2R8469	2R8474	2R10454	2R10469	2R10474
316L code	4R7454	4R7464	4R8444	4R8454	4R8464	4R8469	4R8474	4R10454	4R10469	4R10474
Ø	104-84	129-74	129-84	129-104	154-84	154-104	154-129	204-104	204-129	204-154
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	2R10484	2R12974	2R12984	2R129104	2R15484	2R154104	2R154129	2R204104	2R204129	2R204154
316L code	4R10484	4R12974	4R12984	4R129104	4R15484	4R154104	4R154129	4R204104	4R204129	4R204154
Ø	254-104	254-129	254-154	304-204	304-254	354-254				
thickness (mm)	2	2	2	2	2	2				
304L code	2R254104	2R254129	2R254154	2R304204	2R304254	2R354254				
316L code	-	-	4R254154	4R304204	4R304254	-				

2FB/4FB - Cap



Ø	28	34	38	44	51	54	64	69	74	84
304L code	2FB28	2FB34	2FB38	2FB44	2FB51	2FB54	2FB64	2FB69	2FB74	2FB84
316L code	4FB28	4FB34	4FB38	4FB44	4FB51	4FB54	4FB64	4FB69	4FB74	4FB84
Ø	104	129	154	204	254	304	354			
304L code	2FB104	2FB129	2FB154	2FB204	2FB254	2FB304	2FB354			
316L code	4FB104	4FB129	4FB154	4FB204	4FB254	4FB304	4FB354			

NEW



2CMM/4CMM - Pressed collar A-type

Ø	18	24	28	38	44	54	64	69	74	84
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	-	2CMM24	2CMM28	2CMM38	2CMM44	2CMM54	2CMM64	2CMM69	2CMM74	2CMM84
316L code	4CMM18	4CMM24	4CMM28	4CMM38	4CMM44	4CMM54	4CMM64	4CMM69	4CMM74	4CMM84
Ø	104	129	154	204	254	304	354	404		
thickness (mm)	2	2	2	2	2	2	2	2		
304L code	2CMM104	2CMM129	2CMM154	2CMM204	2CMM254	2CMM304	2CMM354	2CMM404		
316L code	4CMM104	4CMM129	4CMM154	4CMM204	4CMM254	4CMM304	4CMM354	4CMM404		

■ ISO standard



23DR/43DR - Welded bend 3D

Ø	13,5	13,5	17,2	17,2	21,3	21,3	21,3	21,3	21,3	21,3
thickness (mm)	1,6	2,3	1,6	2,3	1,6	2	2,6	1,6	2	2,6
304L code	23DR131	23DR13G	23DR171	23DR17G	23DR211	23DR212	23DR21G	23DR21138	23DR21238	23DR21G38
316L code	43DR131	43DR13G	43DR171	43DR17G	43DR211	43DR212	43DR21G	43DR21138	43DR21238	43DR21G38
Ø	26,9	26,9	26,9	33,7	33,7	33,7	42,4	42,4	42,4	48,3
thickness (mm)	1,6	2	2,6	1,6	2	3,2	1,6	2	3,2	1,6
304L code	23DR261	23DR262	23DR26G	23DR331	23DR332	23DR33G	23DR421	23DR422	23DR42G	23DR481
316L code	43DR261	43DR262	43DR26G	43DR331	43DR332	43DR33G	43DR421	43DR422	43DR42G	43DR481
Ø	48,3	48,3	60,3	60,3	60,3	60,3	76,1	76,1	76,1	88,9
thickness (mm)	2	3,2	1,6	2	3	3,6	2	3	3,6	2
304L code	23DR482	23DR48G	23DR601	23DR602	23DR603	23DR60G	23DR762	23DR763	23DR76G	23DR882
316L code	43DR482	43DR48G	43DR601	43DR602	43DR603	43DR60G	43DR762	43DR763	43DR76G	43DR882
Ø	88,9	88,9	101,6	114,3	114,3	139,7	139,7	168,3	168,3	219,1
thickness (mm)	3	4	2	2	3	2	3	2	3	2
304L code	23DR883	23DR88G	23DR1012	23DR1142	23DR1143	23DR1392	23DR1393	23DR1682	23DR1683	23DR2192
316L code	43DR883	43DR88G	-	43DR1142	43DR1143	43DR1392	43DR1393	43DR1682	43DR1683	43DR2192
Ø	219,1	273	273	323,9	323,9	355,6	406,4	457	508	609,6
thickness (mm)	3	2	3	2	3	3	3	3	3	3
304L code	23DR2193	23DR2732	23DR2733	23DR3232	23DR3233	23DR3553	23DR4063	23DR4573	23DR5083	23DR6093
316L code	43DR2193	43DR2732	43DR2733	43DR3232	43DR3233	43DR3553	43DR4063	43DR4573	43DR5083	43DR6093



23DE/43DE - Seamless bend 3D

Ø	13,5	13,5	17,2	17,2	21,3	21,3	21,3	21,3	21,3	21,3
thickness (mm)	1,6	2,3	1,6	2,3	1,6	2	2,6	1,6	2	2,6
304L code	23DE131	23DE13G	23DE171	23DE17G	23DE211	23DE212	23DE21G	23DE21138	23DE21238	23DE21G38
316L code	43DE131	43DE13G	43DE171	43DE17G	43DE211	43DE212	43DE21G	43DE21138	-	43DE21G38

NEW



23DE/43DE - Seamless bend 3D (continued)

Ø	26,9	26,9	26,9	33,7	33,7	33,7	42,4	42,4	42,4	48,3
thickness (mm)	1,6	2	2,6	1,6	2	3,2	1,6	2	3,2	1,6
304L code	23DE261	23DE262	23DE26G	23DE331	23DE332	23DE33G	23DE421	23DE422	23DE42G	23DE481
316L code	43DE261	43DE262	43DE26G	43DE331	43DE332	43DE33G	43DE421	43DE422	43DE42G	43DE481
Ø	48,3	48,3	60,3	60,3	76,1	76,1	88,9	88,9	114,3	
thickness (mm)	2	3,2	2	3,6	2	3,6	2	4	4,5	
304L code	23DE482	23DE48G	23DE602	23DE60G	23DE762	23DE76G	23DE882	23DE88G	23DE114G	
316L code	43DE482	43DE48G	43DE602	43DE60G	43DE762	43DE76G	43DE882	43DE88G	43DE114G	



2TSS/4TSS - Welded tee without sleeve

Ø	13,5	17,2	21,3	26,9	33,7	42,4	48,3	60,3	76,1	88,9
thickness (mm)	1,6	1,6	1,6	1,6	2	2	2	2	2	2
304L code	2TSS131	2TSS171	2TSS211	2TSS261	2TSS332	2TSS422	2TSS482	2TSS602	2TSS762	2TSS882
316L code	4TSS131	4TSS171	4TSS211	4TSS261	4TSS332	4TSS422	4TSS482	4TSS602	4TSS762	4TSS882
Ø	114,3	114,3	139,7	139,7	168,3	168,3	219,1	219,1	273	273
thickness (mm)	2	3	2	3	2	3	2	3	2	3
304L code	2TSS1142	2TSS1143	2TSS1392	2TSS1393	2TSS1682	2TSS1683	2TSS2192	2TSS2193	2TSS2732	2TSS2733
316L code	4TSS1142	4TSS1143	4TSS1392	-	4TSS1682	4TSS1683	4TSS2192	4TSS2193	4TSS2732	4TSS2733



2TS/4TS - Welded tee with sleeve

Ø	17,2	21,3	26,9	33,7	42,4	48,3	60,3	76,1	88,9	114,3
thickness (mm)	1,6	1,6	1,6	2	2	2	2	2	2	2
304L code	2TS171	2TS211	2TS261	2TS332	2TS422	2TS482	2TS602	2TS762	2TS882	2TS1142
316L code	4TS171	4TS211	4TS261	4TS332	4TS422	4TS482	4TS602	4TS762	4TS882	4TS1142
Ø	139,7	168,3	273	323,9	406,3	457,2	508	609,6		
thickness (mm)	2	2	3	3	3	3	3	3		
304L code	2TS1392	2TS1682	2TS2733	2TS3233	4TS4063	4TS4063	4TS4063	4TS4063		
316L code	4TS1392	4TS1682	-	4TS3233	4TS4063	4TS4063	4TS4063	4TS4063		



2TSS/4TSS - Welded reducing tee without sleeve

Ø	21,3-17,2	21,3-17,2	26,9-21,3	26,9-17,2	33,7-26,9	33,7-21,3	42,4-33,7	42,4-26,9	48,3-42,4
thickness (mm)	1,6	2	2	2	2	2	2	2	2
304L code	2TSS21171	2TSS21172	2TSS26212	2TSS26172	2TSS33262	2TSS33212	2TSS42332	2TSS42262	2TSS48422
316L code	4TSS21171	4TSS21172	4TSS26212	4TSS26172	4TSS33262	4TSS33212	4TSS42332	4TSS42262	4TSS48422
Ø	48,3-33,7	60,3-48,3	60,3-42,4	76,1-60,3	76,1-48,3	88,9-76,1	88,9-60,3	114,3-88,9	114,3-76,1
thickness (mm)	2	2	2	2	2	2	2	2	2
304L code	2TSS48332	2TSS60482	2TSS60422	2TSS76602	2TSS76482	2TSS88762	2TSS88602	-	2TSS114762
316L code	4TSS48332	4TSS60482	4TSS60422	4TSS76602	4TSS76482	4TSS88762	4TSS88602	4TSS114882	4TSS114762

NEW



2R/4R - Welded concentric reducer

Ø	17,2/13,5	21,3/13,5	21,3/17,2	26,9/13,5	26,9/17,2	26,9/21,3	33,7/13,5	33,7/17,2	33,7/21,3	33,7/26,9
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	2R1713	2R2113	2R2117	2R2613	2R2617	2R2621	2R3313	2R3317	2R3321	2R3326
316L code	4R1713	4R2113	4R2117	4R2613	4R2617	4R2621	4R3313	4R3317	4R3321	4R3326
Ø	42,4/13,5	42,4/17,2	42,4/21,3	42,4/26,9	42,4/33,7	48,3/17,2	48,3/21,3	48,3/26,9	48,3/33,7	48,3/42,4
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	2R4213	2R4217	2R4221	2R4226	2R4233	2R4817	2R4821	2R4826	2R4833	2R4842
316L code	4R4213	4R4217	4R4221	4R4226	4R4233	4R4817	4R4821	4R4826	4R4833	4R4842
Ø	60,3/17,2	60,3/21,3	60,3/26,9	60,3/33,7	60,3/42,4	60,3/48,3	76,1/26,9	76,1/33,7	76,1/42,4	76,1/48,3
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	2R6017	2R6021	2R6026	2R6033	2R6042	2R6048	2R7626	2R7633	2R7642	2R7648
316L code	4R6017	4R6021	4R6026	4R6033	4R6042	4R6048	4R7626	4R7633	4R7642	4R7648
Ø	76,1/60,3	88,9/26,9	88,9/33,7	88,9/42,4	88,9/48,3	88,9/60,3	88,9/76,1	114,3/26,9	114,3/33,7	114,3/42,4
thickness (mm)	2	2	2	2	2	2	2	2	2	2
304L code	2R7660	2R8826	2R8833	2R8842	2R8848	2R8860	2R8876	2R11426	2R11433	2R11442
316L code	4R7660	4R8826	4R8833	4R8842	4R8848	4R8860	4R8876	4R11426	4R11433	4R11442
Ø	114,3/48,3	114,3/60,3	114,3/76,1	114,3/76,1	114,3/88,9	114,3/88,9	139,7/60,3	139,7/76,1	139,7/88,9	139,7/114,3
thickness (mm)	2	2	2	3	2	3	2	2	2	2
304L code	2R11448	2R11460	2R11476	2R114763	2R11488	2R114883	2R13960	2R13976	2R13988	2R139114
316L code	4R11448	4R11460	4R11476	4R114763	4R11488	4R114883	4R13960	4R13976	4R13988	4R139114
Ø	139,7/114,3	168,3/60,3	168,3/76,1	168,3/88,9	168,3/114,3	168,3/114,3	168,3/139,7	168,3/139,7	219,1/114,3	219,1/139,7
thickness (mm)	3	2	2	2	2	3	2	3	2	2
304L code	2R1391143	2R16860	2R16876	2R16888	2R168114	2R1681143	2R168139	2R1681393	2R219114	2R219139
316L code	4R1391143	4R16860	4R16876	4R16888	4R168114	4R1681143	4R168139	4R1681393	4R219114	4R219139
Ø	219,1/139,7	219,1/168,3	219,1/168,3	273/168,3	273/168,3	273/219,1	273/219,1	323,9/219,1	323,9/219,1	323,9/273
thickness (mm)	3	2	3	2	3	2	3	2	3	2
304L code	2R2191393	2R219168	2R2191683	2R273168	2R2731683	2R273219	2R2732193	2R323219	2R3232193	2R323273
316L code	4R2191393	4R219168	4R2191683	4R273168	4R2731683	4R273219	-	4R323219	4R3232193	4R323273
Ø	323,9/273	355,6/273	355,6/323,9	406,4/355,6	406,4/323,9	508/355,6	508/406,4	609,6/508	609/406,4	
thickness (mm)	3	3	3	3	3	3	3	3	3	
304L code	2R3232733	2R3552733	2R3553233	2R4063553	2R4063233	2R5083553	2R5084063	2R6095083	2R6094063	
316L code	4R3232733	4R3552733	4R3553233	4R4063553	4R4063233	4R5083553	4R5084063	4R6095083	4R6094063	

2FB/4FB - Cap



Ø	17,2	21,3	26,9	33,7	42,4	48,3	60,3	60,3	76,1	76,1
thickness (mm)	2	2	2	2	2	2	2	3	2	3
304L code	2FB17	2FB21	2FB26	2FB33	2FB42	2FB48	2FB60	2FB603	2FB76	2FB763
316L code	4FB17	4FB21	4FB26	4FB33	4FB42	4FB48	4FB60	4FB603	4FB76	4FB763
Ø	88,9	88,9	114,3	114,3	139,7	139,7	168,3	168,3	219,1	219,1
thickness (mm)	2	3	2	3	2	3	2	3	2	3
304L code	2FB88	2FB883	2FB114	2FB1143	2FB139	2FB1393	2FB168	2FB1683	2FB219	2FB2193
316L code	4FB88	4FB883	4FB114	4FB1143	4FB139	4FB1393	4FB168	4FB1683	4FB219	4FB2193

NEW



2FB/4FB - Cap (continued)

Ø	273	273	323,9	323,9	355,6	406,4	457	508	610
thickness (mm)	2	3	2	3	3	3	3	3	3
304L code	2FB273	2FB2733	2FB323	2FB3233	2FB3553	2FB4063	2FB4573	2FB5083	2FB6103
316L code	4FB273	4FB2733	4FB323	4FB3233	4FB3553	4FB4063	4FB4573	4FB5083	4FB6103



2CM/4CM - Pressed collar

Ø	17,2	21,3	26,9	33,7	42,4	48,3	60,3	60,3	76,1	76,1
thickness (mm)	2	2	2	2	2	2	2	3	2	3
304L code	2CM17	2CM21	2CM26	2CM33	2CM42	2CM48	2CM60	2CM603	2CM76	2CM763
316L code	4CM17	4CM21	4CM26	4CM33	4CM42	4CM48	4CM60	4CM603	4CM76	4CM763

Ø	88,9	88,9	114,3	114,3	139,7	139,7	168,3	168,3	219,1	219,1
thickness (mm)	2	3	2	3	2	3	2	3	2	3
304L code	2CM88	2CM883	2CM114	2CM1143	2CM139	2CM1393	2CM168	2CM1683	2CM219	2CM2193
316L code	4CM88	4CM883	4CM114	4CM1143	4CM139	4CM1393	4CM168	4CM1683	4CM219	4CM2193

Ø	273	273	323,9	323,9	356,6	406,4	458,3	508	609,3
thickness (mm)	2	3	2	3	3	3	3	3	3
304L code	2CM273	2CM2733	2CM323	2CM3233	2CM3553	2CM4063	2CM4583	2CM5083	2CM6103
316L code	4CM273	4CM2733	4CM323	4CM3233	4CM3553	4CM4063	4CM4583	4CM5083	4CM6103

■ ANSI standard



2LR/4LR - Welded bend schedule 10S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,11	2,11	2,77	2,77	2,77	2,77	3,05	3,05	3,05	3,4	3,4	3,76
304L code	2LR21S10	2LR26S10	2LR33S10	2LR42S10	2LR48S10	2LR60S10	2LR73S10	2LR88S10	2LR114S10	2LR141S10	2LR168S10	2LR219S10
316L code	4LR21S10	4LR26S10	4LR33S10	4LR42S10	4LR48S10	4LR60S10	4LR73S10	4LR88S10	4LR114S10	4LR141S10	4LR168S10	4LR219S10



2LE/4LE - Seamless bend schedule 10S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,11	2,11	2,77	2,77	2,77	2,77	3,05	3,05	3,05	3,4	3,4	3,76
304L code	2LE21S10	2LE26S10	2LE33S10	2LE42S10	2LE48S10	2LE60S10	2LE73S10	2LE88S10	2LE114S10	2LE141S10	2LE168S10	2LE219S10
316L code	4LE21S10	4LE26S10	4LE33S10	4LE42S10	4LE48S10	4LE60S10	4LE73S10	4LE88S10	4LE114S10	4LE141S10	4LE168S10	4LE219S10



2LR/4LR - Welded bend schedule 40S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,77	2,87	3,38	3,56	3,68	3,91	5,16	5,49	6,02	6,55	7,11	8,18
304L code	2LR21S40	2LR26S40	2LR33S40	2LR42S40	2LR48S40	2LR60S40	2LR73S40	2LR88S40	2LR114S40	2LR141S40	2LR168S40	2LR219S40
316L code	4LR21S40	4LR26S40	4LR33S40	4LR42S40	4LR48S40	4LR60S40	4LR73S40	4LR88S40	4LR114S40	4LR141S40	4LR168S40	4LR219S40



2LE/4LE - Seamless bend schedule 40S

NPS	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,31	2,77	2,87	3,38	3,56	3,68	3,91	5,16	5,49	6,02	6,55	7,11	8,18
304L code	-	2LE21S40	2LE26S40	2LE33S40	2LE42S40	2LE48S40	2LE60S40	2LE73S40	2LE88S40	2LE114S40	2LE141S40	2LE168S40	2LE219S40
316L code	4LE17S40	4LE21S40	4LE26S40	4LE33S40	4LE42S40	4LE48S40	4LE60S40	4LE73S40	4LE88S40	4LE114S40	4LE141S40	4LE168S40	4LE219S40

NEW



2LE/4LE - Seamless bend schedule 80S

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
thickness (mm)	3,73	3,91	4,55	4,85	5,08	5,54	7,01	7,62	8,56
304L code	2LE21S80	2LE26S80	2LE33S80	2LE42S80	2LE48S80	2LE60S80	2LE73S80	2LE88S80	2LE114S80
316L code	4LE21S80	4LE26S80	4LE33S80	4LE42S80	4LE48S80	4LE60S80	4LE73S80	4LE88S80	4LE114S80



2TS/4TS - Welded tee schedule 10S

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
thickness (mm)	2,11	2,11	2,77	2,77	2,77	2,77	3,05	3,05	3,05	3,4	3,4	3,76
304L code	2TS21S10	2TS26S10	2TS33S10	2TS42S10	2TS48S10	2TS60S10	2TS73S10	2TS88S10	2TS114S10	2TS141S10	2TS168S10	2TS219S10
316L code	4TS21S10	4TS26S10	4TS33S10	4TS42S10	4TS48S10	4TS60S10	4TS73S10	4TS88S10	4TS114S10	4TS141S10	4TS168S10	4TS219S10



2TS/4TS - Seamless tee schedule 10S

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
thickness (mm)	2,11	2,11	2,77	2,77	2,77	2,77	3,05	3,05	3,05	3,4	3,4	3,76
304L code	2TS21S10E	2TS26S10E	2TS33S10E	2TS42S10E	2TS48S10E	2TS60S10E	2TS73S10E	2TS88S10E	2TS114S10E	2TS141S10E	2TS168S10E	2TS219S10E
316L code	4TS21S10E	4TS26S10E	4TS33S10E	4TS42S10E	4TS48S10E	4TS60S10E	4TS73S10E	4TS88S10E	4TS114S10E	4TS141S10E	4TS168S10E	4TS219S10E



2TS/4TS - Welded tee schedule 40S

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
thickness (mm)	2,77	2,87	3,38	3,56	3,68	3,91	5,16	5,49	6,02	6,55	7,11	8,18
304L code	2TS21S40	2TS26S40	2TS33S40	2TS42S40	2TS48S40	2TS60S40	2TS73S40	2TS88S40	2TS114S40	2TS141S40	2TS168S40	2TS219S40
316L code	4TS21S40	4TS26S40	4TS33S40	4TS42S40	4TS48S40	4TS60S40	4TS73S40	4TS88S40	4TS114S40	4TS141S40	4TS168S40	4TS219S40



2TS/4TS - Seamless tee schedule 40S

NPS	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
thickness (mm)	2,31	2,77	2,87	3,38	3,56	3,68	3,91	5,16	5,49	6,02	6,55	7,11	8,18
304L code	-	2TS21S40E	2TS26S40E	2TS33S40E	2TS42S40E	2TS48S40E	2TS60S40E	2TS73S40E	2TS88S40E	2TS114S40E	2TS141S40E	2TS168S40E	2TS219S40E
316L code	4TS17S40E	4TS21S40E	4TS26S40E	4TS33S40E	4TS42S40E	4TS48S40E	4TS60S40E	4TS73S40E	4TS88S40E	4TS114S40E	4TS141S40E	4TS168S40E	4TS219S40E



2R/4R - Welded concentric reducer schedule 10S

NPS	26,7/21,3	33,4/21,3	33,4/26,7	42,2/26,7	42,2/33,4	48,3/33,4	48,3/42,2	60,3/42,2	60,3/48,3	73/48,3
304L code	2R2621S10	2R3321S10	2R3326S10	2R4226S10	2R4233S10	2R4833S10	2R4842S10	2R6042S10	2R6048S10	2R7348S10
316L code	4R2621S10	4R3321S10	4R3326S10	4R4226S10	4R4233S10	4R4833S10	4R4842S10	4R6042S10	4R6048S10	4R7348S10
NPS	73/60,3	88,9/60,3	88,9/73	114,3/73	114,3/88,9	141,3/114,3	141,3/88,9	168,3/114,3	168,3/141,3	219,1/168,3
304L code	2R7360S10	2R8860S10	2R8873S10	2R11473S10	2R11488S10	2R141114S10	2R14188S10	2R168114S10	-	2R219168S10
316L code	4R7360S10	4R8860S10	4R8873S10	4R11473S10	4R11488S10	4R141114S10	4R14188S10	4R168114S10	4R168141S10	4R219168S10



2R/4R - Seamless concentric reducer schedule 10S

NPS	26,7/21,3	33,4/21,3	33,4/26,7	42,2/26,7	42,2/33,4	48,3/33,4	48,3/42,2	60,3/42,2	60,3/48,3	73/48,3	73/60,3	88,9/60,3
304L code	2R2621S10E	2R3321S10E	2R3326S10E	2R4226S10E	2R4233S10E	2R4833S10E	2R4842S10E	2R6042S10E	2R6048S10E	2R7348S10E	2R7360S10E	2R8860S10E
316L code	4R2621S10E	4R3321S10E	4R3326S10E	4R4226S10E	4R4233S10E	4R4833S10E	4R4842S10E	4R6042S10E	4R6048S10E	4R7348S10E	4R7360S10E	4R8860S10E
NPS	88,9/73	114,3/60,3	114,3/73	114,3/88,9	141,3/114,3	141,3/88,9	168,3/114,3	168,3/141,3	219,1/168,3			
304L code	2R8873S10E	2R11460S10E	2R11473S10E	2R11488S10E	2R141114S10E	2R14188S10E	2R168114S10E	2R168141S10E	2R219168S10E			
316L code	4R8873S10E	-	4R11473S10E	4R11488S10E	4R141114S10E	4R14188S10E	4R168114S10E	4R168141S10E	4R219168S10E			

NEW



2R/4R - Welded concentric reducer schedule 40S

NPS	26,7/21,3	33,4/21,3	33,4/26,7	42,2/26,7	42,2/33,4	48,3/33,4	48,3/42,2	60,3/42,2	60,3/48,3	73/48,3
304L code	2R2621S40	2R3321S40	2R3326S40	2R4226S40	2R4233S40	2R4833S40	2R4842S40	2R6042S40	2R6048S40	2R7348S40
316L code	4R2621S40	4R3321S40	4R3326S40	4R4226S40	4R4233S40	4R4833S40	4R4842S40	4R6042S40	4R6048S40	4R7348S40
NPS	73/60,3	88,9/60,3	88,9/73	114,3/73	114,3/88,9	141,3/114,3	141,3/88,9	168,3/114,3	168,3/141,3	219,1/168,3
304L code	2R7360S40	2R8860S40	2R8873S40	2R11473S40	2R11488S40	2R141114S40	2R14188S40	2R168114S40	2R168141S40	2R219168S40
316L code	4R7360S40	4R8860S40	4R8873S40	4R11473S40	-	-	4R14188S40	4R168114S40	4R168141S40	4R219168S40



2R/4R - Seamless concentric reducer schedule 40S

NPS	26,7/21,3	33,4/21,3	33,4/26,7	42,2/26,7	42,2/33,4	48,3/33,4	48,3/42,2	60,3/42,2	60,3/48,3	73/48,3
304L code	2R2621S40E	2R3321S40E	2R3326S40E	2R4226S40E	2R4233S40E	2R4833S40E	2R4842S40E	2R6042S40E	2R6048S40E	2R7348S40E
316L code	4R2621S40E	4R3321S40E	4R3326S40E	4R4226S40E	4R4233S40E	4R4833S40E	4R4842S40E	4R6042S40E	4R6048S40E	4R7348S40E
NPS	73/60,3	88,9/60,3	88,9/73	114,3/73	114,3/88,9	141,3/114,3	141,3/88,9	168,3/114,3	168,3/141,3	
304L code	2R7360S40E	2R8860S40E	2R8873S40E	2R11473S40E	2R11488S40E	2R141114S40E	2R14188S40E	2R168114S40E	2R168141S40E	
316L code	4R7360S40E	4R8860S40E	4R8873S40E	4R11473S40E	4R11488S40E	4R141114S40E	4R14188S40E	4R168114S40E	4R168141S40E	



2CAPS/4CAPS - Cap schedule 10S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,11	2,11	2,77	2,77	2,77	2,77	3,05	3,05	3,05	3,4	3,4	3,76
304L code	2CAPS21S10	2CAPS26S10	2CAPS33S10	2CAPS42S10	2CAPS48S10	2CAPS60S10	2CAPS73S10	2CAPS88S10	2CAPS114S10	2CAPS141S10	2CAPS168S10	2CAPS219S10
316L code	4CAPS21S10	4CAPS26S10	4CAPS33S10	4CAPS42S10	4CAPS48S10	4CAPS60S10	4CAPS73S10	4CAPS88S10	4CAPS114S10	4CAPS141S10	4CAPS168S10	4CAPS219S10



2CAPS/4CAPS - Cap schedule 40S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,77	2,87	3,38	3,56	3,68	3,91	5,16	5,49	6,02	6,55	7,11	8,18
304L code	2CAPS21S40	2CAPS26S40	2CAPS33S40	2CAPS42S40	2CAPS48S40	2CAPS60S40	2CAPS73S40	2CAPS88S40	2CAPS114S40	2CAPS141S40	2CAPS168S40	2CAPS219S40
316L code	4CAPS21S40	4CAPS26S40	4CAPS33S40	4CAPS42S40	4CAPS48S40	4CAPS60S40	4CAPS73S40	4CAPS88S40	4CAPS114S40	4CAPS141S40	4CAPS168S40	4CAPS219S40



2STUB/4STUB - Collar stub end schedule 10S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,11	2,11	2,77	2,77	2,77	2,77	3,05	3,05	3,05	3,4	3,4	3,76
304L code	2STUBA21S10	2STUBA26S10	2STUBA33S10	2STUBA42S10	2STUBA48S10	2STUBA60S10	2STUBA73S10	2STUBA88S10	2STUBA114S10	2STUBA141S10	2STUBA168S10	2STUBA219S10
316L code	4STUBA21S10	4STUBA26S10	4STUBA33S10	4STUBA42S10	4STUBA48S10	4STUBA60S10	4STUBA73S10	4STUBA88S10	4STUBA114S10	4STUBA141S10	4STUBA168S10	4STUBA219S10



2STUB/4STUB - Collar stub end schedule 40S

NPS	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"	5"	6"	8"
thickness (mm)	2,77	2,87	3,38	3,56	3,68	3,91	5,16	5,49	6,02	6,55	7,11	8,18
304L code	2STUBA21S40	2STUBA26S40	2STUBA33S40	2STUBA42S40	2STUBA48S40	2STUBA60S40	2STUBA73S40	2STUBA88S40	2STUBA114S40	2STUBA141S40	2STUBA168S40	2STUBA219S40
316L code	4STUBA21S40	4STUBA26S40	4STUBA33S40	4STUBA42S40	4STUBA48S40	4STUBA60S40	4STUBA73S40	4STUBA88S40	4STUBA114S40	4STUBA141S40	4STUBA168S40	4STUBA219S40

NEW

Stainless steel flanges



Individual
packing

Materials: stainless steel F304, F304L, F316 or F316L - PS: acc. to standard: 10 bar for PN10 flanges, 16 bar for PN16 flanges, etc.

3.1
10 €/DN

ISO
9001

■ Forged stainless steel PN10 to PN40

2BE/4BE - Pressed lap joint flanges - PN10 (DIN 2642)



DN	15	20	25	32	40	50	65	80	100	125	150	200
304L code	2BE15	2BE20	2BE25	2BE32	2BE40	2BE50	2BE65	2BE80	2BE100	2BE125	2BE150	2BE200
316L code	4BE15	4BE20	4BE25	4BE32	4BE40	4BE50	4BE65	4BE80	4BE100	4BE125	4BE150	4BE200
DN	250	300	350	400	450	500						
304L code	2BE250	2BE300	2BE350	2BE400	2BE450	2BE500						
316L code	4BE250	4BE300	4BE350	4BE400	4BE450	4BE500						

2PAS/4PAS - Plate flange for welding - Type 01/A - FF PN10/40



DN	10	15	20	25	32	40	50	65	80	100	125	150
PN	10/40	10/40	10/40	10/40	10/40	10/40	10/16	10/16	10/16	10/16	10/16	10/16
304L code	2PAS10	2PAS15	2PAS20	2PAS25	2PAS32	2PAS40	2PAS50	2PAS65	2PAS80	2PAS100	2PAS125	2PAS150
316L code	4PAS10	4PAS15	4PAS20	4PAS25	4PAS32	4PAS40	4PAS50	4PAS65	4PAS80	4PAS100	4PAS125	4PAS150
DN	200	200	250	250	300	300	350	400	400	450	500	500
PN	10	16	10	16	10	16	10	10	16	10	10	16
304L code	2PAS200	2PAS16200	2PAS250	2PAS16250	2PAS300	2PAS16300	2PAS350	2PAS400	2PAS16400	2PAS450	2PAS500	2PAS16500
316L code	4PAS200	4PAS16200	4PAS250	4PAS16250	4PAS300	4PAS16300	4PAS350	4PAS400	4PAS16400	4PAS450	4PAS500	4PAS16500
DN	600	600	700									
PN	10	16	10									
304L code	2PAS600	2PAS16600	2PAS700									
316L code	4PAS600	4PAS16600	4PAS700									

2PAS/4PAS - Plate flange for welding - Type 01/A - FF PN10

Thin version, approx. 30% vs standard.



DN	200	250	300	350	400	450	500	600	700	800	900	1000
PN	10	10	10	10	10	10	10	10	10	10	10	10
304L code	2PAS200A	2PAS250A	2PAS300A	2PAS350A	2PAS400A	2PAS450A	2PAS500A	2PAS600A	2PAS700A	2PAS800A	2PAS900A	2PAS1000A
316L code	4PAS200A	4PAS250A	4PAS300A	4PAS350A	4PAS400A	4PAS450A	4PAS500A	4PAS600A	4PAS700A	4PAS800A	4PAS900A	4PAS1000A

2PAS/4PAS - Plate flange for welding - Type 01/A - FF PN25/40



DN	50	65	80	100	125	150	200	200	250	250	300	300
PN	25/40	25/40	25/40	25/40	25/40	25/40	25	40	25	40	25	40
304L code	2PAS4050	2PAS4065	2PAS4080	2PAS40100	2PAS40125	2PAS40150	2PAS25200	2PAS40200	2PAS25250	2PAS40250	2PAS25300	2PAS40300
316L code	4PAS4050	4PAS4065	4PAS4080	4PAS40100	4PAS40125	4PAS40150	4PAS25200	4PAS40200	4PAS25250	4PAS40250	4PAS25300	4PAS40300

NEW



2PASB/4PASB - Plate flange for welding - Type 01/B - RF PN10/40

DN	15	20	25	32	40	50	65	80	100	125	150	200
PN	10/40	10/40	10/40	10/40	10/40	10/16	10/16	10/16	10/16	10/16	10/16	10
304L code	2PASB15	2PASB20	2PASB25	2PASB32	2PASB40	2PASB50	2PASB65	2PASB80	2PASB100	2PASB125	2PASB150	2PASB200
316L code	4PASB15	4PASB20	4PASB25	4PASB32	4PASB40	4PASB50	4PASB65	4PASB80	4PASB100	4PASB125	4PASB150	4PASB200



2COL/4COL - Weld-neck flange - Type 11/B - RF PN10/40

DN	15	20	25	32	40	50	65	80	100	125	150	200	200
PN	10/40	10/40	10/40	10/40	10/40	10/16	10/16	10/16	10/16	10/16	10/16	10	16
304L code	2COL15	2COL20	2COL25	2COL32	2COL40	2COL50	2COL65	2COL80	2COL100	2COL125	2COL150	2COL200	2COL16200
	4COL15	4COL20	4COL25	4COL32	4COL40	4COL50	4COL65	4COL80	4COL100	4COL125	4COL150	4COL200	4COL16200
316L code													
DN	250	250	300	300									
PN	10	16	10	16									
304L code	2COL250	2COL16250	2COL300	2COL16300									
316L code	4COL250	4COL16250	4COL300	4COL16300									



2COL/4COL - Weld-neck flange - Type 11/B - RF PN25/40

DN	50	65	80	100	125	150	200	200	250	250	300	300
PN	25/40	25/40	25/40	25/40	25/40	25/40	25	40	25	40	25	40
304L code	2COL4050	2COL4065	2COL4080	2COL40100	2COL40125	2COL40150	2COL25200	2COL40200	2COL25250	2COL40250	2COL25300	2COL40300
316L code	4COL4050	4COL4065	4COL4080	4COL40100	4COL40125	4COL40150	4COL25200	4COL40200	4COL25250	4COL40250	4COL25300	4COL40300



2BT/4BT - Loose plate flange - Type 02/A - FF PN10/40

DN	10	15	20	25	32	40	50	65	80	100	125	150	200
PN	10/40	10/40	10/40	10/40	10/40	10/40	10/16	10/16	10/16	10/16	10/16	10/16	10
304L code	2BT10	2BT15	2BT20	2BT25	2BT32	2BT40	2BT50	2BT65	2BT80	2BT100	2BT125	2BT150	2BT200
316L code	4BT10	4BT15	4BT20	4BT25	4BT32	4BT40	4BT50	4BT65	4BT80	4BT100	4BT125	4BT150	4BT200
DN	200	250	250	300	300	400							
PN	16	10	16	10	16	10							
304L code	2BT16200	2BT250	2BT16250	2BT300	2BT16300	2BT400							
316L code	4BT16200	4BT250	4BT16250	4BT300	4BT16300	4BT400							



2PT/4PT - Threaded flat flange - FF PN10/16

DN	10	15	20	25	32	40	50	65	80	100
PN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	10/16	10/16	10/16
304L code	2PT10	2PT15	2PT20	2PT25	2PT32	2PT40	2PT50	2PT65	2PT80	2PT100
316L code	4PT10	4PT15	4PT20	4PT25	4PT32	4PT40	4PT50	4PT65	4PT80	4PT100

NEW



2TP/4TP - Blind flange - Type 05/A - FF PN10/40

DN	10	15	20	25	32	40	50	65	80	100	125	150
PN	10/40	10/40	10/40	10/40	10/40	10/40	10/16	10/16	10/16	10/16	10/16	10/16
304L code	2TP10	2TP15	2TP20	2TP25	2TP32	2TP40	2TP50	2TP65	2TP80	2TP100	2TP125	2TP150
316L code	4TP10	4TP15	4TP20	4TP25	4TP32	4TP40	4TP50	4TP65	4TP80	4TP100	4TP125	4TP150

DN	200	200	250	250	300	300	350	400	500	600	700
PN	10	16	10	16	10	16	10	10	10	10	10
304L code	2TP200	2TP16200	2TP250	2TP16250	2TP300	2TP16300	2TP350	2TP400	2TP500	2TP600	-
316L code	4TP200	4TP16200	4TP250	4TP16250	4TP300	4TP16300	4TP350	4TP400	4TP500	4TP600	4TP700



2TP/4TP - Blind flange - Type 05/A - FF PN10

* Thin version, approx. 30% thinner vs standard.

DN	200	250	300	350	400	450	500	600
PN	10	10	10	10	10	10	10	10
304L code	2TP200A	2TP250A	2TP300A	2TP350A	2TP400A	2TP450A	2TP500A	2TP600A
316L code	4TP200A	4TP250A	4TP300A	4TP350A	4TP400A	4TP450A	4TP500A	4TP600A



2TP/4TP - Blind flange - Type 05/A - FF PN25/40

DN	50	65	80	100	125	150	200	200	250	250	300	300
PN	25/40	25/40	25/40	25/40	25/40	25/40	25	40	25	40	25	40
304L code	2TP4050	2TP4065	2TP4080	2TP40100	2TP40125	2TP40150	2TP25200	2TP40200	2TP25250	2TP40250	2TP25300	2TP40300
316L code	4TP4050	4TP4065	4TP4080	4TP40100	4TP40125	4TP40150	4TP25200	4TP40200	4TP25250	4TP40250	4TP25300	4TP40300



2TPB/4TPB - Blind flange - Type 05/B - RF PN10/40

DN	15	20	25	32	40	50	65	80	100	125	150	200
PN	10/40	10/40	10/40	10/40	10/40	10/16	10/16	10/16	10/16	10/16	10/16	10
304L code	2TPB15	2TPB20	2TPB25	2TPB32	2TPB40	2TPB50	2TPB65	2TPB80	2TPB100	2TPB125	2TPB150	2TPB200
316L code	4TPB15	4TPB20	4TPB25	4TPB32	4TPB40	4TPB50	4TPB65	4TPB80	4TPB100	4TPB125	4TPB150	4TPB200

■ Forged stainless steel ANSI150/300



2WN/4WN - Weld-neck flange schedule 40 - Type 11/B - RF ANSI150

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
304L code	2WN2015	2WN2020	2WN2025	2WN2032	2WN2040	2WN2050	2WN2065	2WN2080	2WN20100	2WN20125	2WN20150	2WN20200	2WN20250
316L code	4WN2015	4WN2020	4WN2025	4WN2032	4WN2040	4WN2050	4WN2065	4WN2080	4WN20100	4WN20125	4WN20150	4WN20200	4WN20250



2SO/4SO - Hubbed slip-on flange for welding - Type 12/B - RF ANSI150

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
304L code	2SO2015	2SO2020	2SO2025	2SO2032	2SO2040	2SO2050	2SO2065	2SO2080	2SO20100	2SO20125	2SO20150	2SO20200	2SO20250
316L code	4SO2015	4SO2020	4SO2025	4SO2032	4SO2040	4SO2050	4SO2065	4SO2080	4SO20100	4SO20125	4SO20150	4SO20200	4SO20250

NEW



2LJ/4LJ - Lap joint flange - FF ANSI 150

DN	15	20	25	32	40	50	65	80	100	125	150	200
304L code	-	-	2LJ2025	-	-	2LJ2050	-	2LJ2080	2LJ20100	2LJ20125	2LJ20150	-
316L code	4LJ2015	4LJ2020	4LJ2025	4LJ2032	4LJ2040	4LJ2050	4LJ2065	4LJ2080	4LJ20100	4LJ20125	4LJ20150	4LJ20200



2B/4B - Blind flange - Type 05/B - RF ANSI 150

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
304L code	2B2015	2B2020	2B2025	2B2032	2B2040	2B2050	2B2065	2B2080	2B20100	2B20125	2B20150	2B20200	2B20250
316L code	4B2015	4B2020	4B2025	4B2032	4B2040	4B2050	4B2065	4B2080	4B20100	4B20125	4B20150	4B20200	4B20250



4WN - Weld-neck flange - Type 11/B - RF ANSI 300

DN	15	20	25	32	40	50	65	80	100
316L code	4WN5015	4WN5020	4WN5025	4WN5032	4WN5040	4WN5050	4WN5065	4WN5080	4WN50100



4SO - Hubbed slip-on flange for welding - Type 12/B - RF ANSI 300

DN	15	20	25	32	40	50	65	80	100	125	150	200
316L code	4SO5015	4SO5020	4SO5025	4SO5032	4SO5040	4SO5050	4SO5065	4SO5080	4SO50100	4SO50125	4SO50150	4SO50200



4LJ - Lap joint flange - FF ANSI 300

DN	15	20	25	32	40	50	65	80	100
304L code	4LJ5015	4LJ5020	4LJ5025	-	4LJ5040	4LJ5050	-	4LJ5080	4LJ50100



4B - Blind flange - Type 05/B - RF ANSI300

DN	15	20	25	32	40	50	65	80	100	125	150	200
316L code	4B5015	4B5020	4B5025	4B5032	4B5040	4B5050	4B5065	4B5080	4B50100	-	4B50150	4B50200



Flange sets & accessories

Flange sets

Includes: 2100/2101 series flanges, gaskets (when applies), bolts or screws.

ref.	valve type	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
2130	2 way PN16 valve	code	2130015	2130020	2130025	2130032	2130040	2130050	2130065	2130080	2130100	2130125	2130150	2130200	-	-
2130	2 way PN10 valve	code	2130015	2130020	2130025	2130032	2130040	2130050	2130065	2130080	2130100	2130125	2130150	2131200	-	-
2132	3 way PN16 valve	code	-	-	-	-	-	2132050	2132065	2132080	2132100	2132125	2132150	2132200	-	-
2150	expansion joint	code	-	-	-	2150032	2150040	2150050	2150065	2150080	2150100	2150125	2150150	2150200	2150250	2150300
2104	check valve 364 type EN 558 series 97	code	-	-	-	-	2104040	2104050	2104065	2104080	2104100	2104125	2104150	2104200	2104250	2104300
2102	check valve 370 type EN 558 series 50	code	-	-	-	-	-	2102050	2102065	2102080	2102100	2102125	2102150	2102200	2102250	2102300
2112	wafer butterfly valve	code	-	-	-	-	2112040	2112050	2112065	2112080	2112100	2112125	2112150	2112200	2112250	2112300
2113	lug butterfly valve	code	-	-	-	2113032	2113040	2113050	2113065	2113080	2113100	2113125	2113150	2113200	2113250	2113300
2134	knife gate valve	code	-	-	-	-	-	2134050	2134065	2134080	2134100	2134125	2134150	2134200	2134250	2134300

Flange gaskets

Universal: water, oil, steam, gas / TS: 150°C - **CSA 50:** air, water, steam < 150°C / TS: 190°C - **CSA 25:** air, hot water / TS: 150°C - **CSA 120:** steam / TS: 250°C - **PTFE:** hydrocarbons / TS: 180°C - **Graphoil:** high temperature & high pressure / TS: 450°C / PS: 120 bar.



DN	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300
universal code	-	9802104	9802105	9802106	9802107	9802108	9802109	9802110	9802111	9802112	9802113	9802114	9802115	9802116	9802117
CSA 50 code	JCSA10	JCSA15	JCSA20	JCSA25	JCSA32	JCSA40	JCSA50	JCSA65	JCSA80	JCSA100	JCSA125	JCSA150	JCSA200	-	JCSA300
CSA 25 code	JB10	JB15	JB20	JB25	JB32	JB40	JB50	JB65	JB80	JB100	JB125	JB150	JB200	JB250	JB300
CSA 120 code	JCSC10	JCSC15	JCSC20	JCSC25	JCSC32	JCSC40	JCSC50	JCSC65	JCSC80	JCSC100	JCSC125	JCSC150	JCSC200	JCSC250	JCSC300
PTFE code	JPTFE10	JPTFE15	JPTFE20	JPTFE25	JPTFE32	JPTFE40	JPTFE50	JPTFE65	JPTFE80	JPTFE100	JPTFE125	JPTFE150	JPTFE200	JPTFE250	JPTFE300
graphoil code	JGRAF10	JGRAF15	JGRAF20	JGRAF25	JGRAF32	JGRAF40	JGRAF50	JGRAF65	JGRAF80	JGRAF100	JGRAF125	JGRAF150	JGRAF200	-	-
DN	350	400	500												
CSA 25 code	JB350	JB400	JB500												



Carbon steel bolt sets

ref.	valve type	DN	40	50	65	80	100	125	150	200	250	300
2103	PN16 valve	number of bolts	8	8	8	16	16	16	16	24		
		Ø x L (mm)	16x50	16x50	16x60	16x60	16x60	16x70	20x70	20x70		
		code	2103040	2103050	2103065	2103080	2103100	2103125	2103150	2103200	-	-
2110	wafer butterfly valve	number of bolts	4	4	4	8	8	8	8	8	12	12
		Ø x L (mm)	16x90	16x100	16x110	16x110	16x120	16x130	20x140	20x140	20x160	20x160
		code	2110040	2110050	2110065	2110080	2110100	2110125	2110150	2110200	2110250	2110300
2111	lug butterfly valve	number of bolts	8	8	8	16	16	16	16	16	24	24
		Ø x L (mm)	16x30	16x35	16x35	16x40	16x40	16x45	20x45	20x45	20x50	20x60
		code	2111040	2111050	2111065	2111080	2111100	2111125	2111150	2111200	2111250	2111300



Stainless steel bolt sets

ref.	flange type	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
KB10	for PN10 flanges	number of bolts	4	4	4	4	4	4	8	8	8	8	8	8	12	12	16	16
		diameter	M12	M12	M12	M16	M16	M16	M16	M16	M16	M16	M20	M20	M20	M20	M20	M24
		L (mm)	45	50	50	50	50	50	60	60	60	70	80	80	80	80	90	100
		code	KB1015	KB1020	KB1025	KB1032	KB1040	KB1050	KB1065	KB1080	KB10100	KB10125	KB10150	KB10200	KB10250	KB10300	KB10350	KB10400
KB16	for PN16 flanges	number of bolts	4	4	4	4	4	4	8	8	8	8	8	12	12	12	16	16
		diameter	M12	M12	M12	M16	M16	M16	M16	M16	M16	M16	M20	M20	M24	M24	M24	M27
		L (mm)	45	50	50	50	50	50	60	60	60	70	80	80	90	90	100	100
		code	KB1015	KB1020	KB1025	KB1032	KB1040	KB1050	KB1065	KB1080	KB10100	KB10125	KB10150	KB10200	KB10250	KB10300	KB10350	KB10400
KB40	for PN40 flanges	number of bolts	4	4	4	4	4	4	8	8	8	8	8	8	12	12	16	16
		diameter	M12	M12	M12	M16	M16	M16	M16	M16	M20	M24	M24	M27	M30	M30	M33	M36
		L (mm)	50	55	55	60	60	60	70	70	80	90	90	90	100	100	120	140
		code	KB4015	KB4020	KB4025	KB4032	KB4040	KB4050	KB4065	KB4080	KB40100	KB40125	KB40150	KB40200	KB40250	KB40300	KB40350	KB40400

1 piece body



97/23/EC Directive N°0035 - Risk category III / module H - PTFE seats - Reduced bore - Locking device - PS: 40 bar - TS: -20°C/+180°C.

0035	ISO 9001	3.1
10 €/DN		

708 - Stainless steel

CF8M body & ball.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
code	708002	708003	708004	708005	708006	708007	708008	708009

97/23/EC Directive N°0036 - Risk category III / module H - Full bore - Anti-blowout stem - Locking device - PS: see table - TS: -20°C/+180°C.

0036	ISO 9001	3.1
10 €/DN		

7151 - Stainless steel - S-First

CF8M body & ball - RTFE seats.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
PS (bar)	63	63	63	63	50	50	40	40	25	25	16
code	715102	715103	715104	715105	715106	715107	715108	715109	715110	715111	715112



7152 - Stainless steel - S-First - With decompression hole

CF8M body & ball - PTFE seats - For compressed air & nitrogen.

Ø	1/4"	3/8"	1/2"	3/4"	1"
PS (bar)	8	8	8	8	8
code	715202	715203	715204	715205	715206

97/23/EC Directive N°0035 - Risk category II / module D1 - PTFE seats - Full bore - Anti-blowout stem - Locking device - PS: see tables - TS: -20°C/+180°C.

0035	ISO 9001	3.1
10 €/DN		

715 - Stainless steel

CF8M body & ball.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
PS (bar)	63	63	63	63	50	50	40	40	25	25	16
code	715002	715003	715004	715005	715006	715007	715008	715009	715010	715011	715012



789 - Stainless steel male-female

CF8M body & ball.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
PS (bar)	63	63	63	63	50	50	40	40
code	789002	789003	789004	789005	789006	789007	789008	789009



Excluded from 2014/68/EC directive (article 4, §3) - RTFE seats - Reduced bore - Anti-blowout stem - Locking device - PS: see table - TS: -20°C/+180°C.

ISO 9001	3.1
10 €/DN	

709 - Stainless steel male-male

CF8M body & ball.

Ø	3/8"	1/2"	3/4"	1"
PS (bar)	63	63	63	50
code	709003	709004	709005	709006



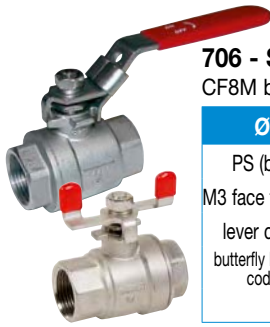
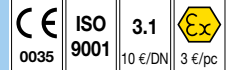
Spare butterfly handle

for 705-706-704-709

Ø	1/4"	3/8"	1/2" & 3/4"	1"
code	9831131	9831132	9831133	9831134



97/23/EC Directive N°0035 - Risk category III / module H - PTFE seats - Full bore - Anti-blowout stem - Locking device - Long thread - PS: see tables - TS: -20°C/+180°C.



706 - Stainless steel - DIN 3202-4 M3 (BSP)

CF8M body & ball.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"	4"
PS (bar)	63	63	63	63	50	50	40	40	25	25	16
M3 face to face	50	60	75	80	90	110	120	140	185	205	240
lever code	706002	706003	706004	706005	706006	706007	706008	706009	706010	706011	706012
butterfly handle code	706102	706103	706104	706105	706106	-	-	-	-	-	-



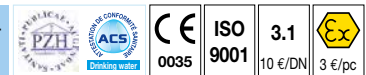
704 - Stainless steel - Long thread (NPT)

CF8M body & ball.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
PS (bar)	63	63	63	63	50	50	40	40
face to face	50	60	75	80	90	100	120	140
code	704002	704003	704004	704005	704006	704007	704008	704009

2 piece body - ISO pad

2014/68/EU Directive N°0035 - Risk category II / module H - RTFE seats - Full bore - Anti-blowout stem - Locking device - PS: 63 bar - TS: -20°C/+200°C - ⚠ Steam up to 11 bar max.



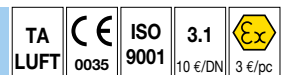
733 - Stainless steel - ISO pad (BSP)

CF8M body & ball.

Ø	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	2"1/2"	3"
PS (bar)	63	63	63	63	63	63	63	63
code	733004	733005	733006	733007	733008	733009	733010	733011

2 piece body - High temperature

2014/68/EU Directive N°0035 - Risk category II / module H - PTFE + graphite seats - Full bore - Anti-blowout stem - Locking device - PS: 63 bar - TS: -20°C/+200°C - ⚠ Steam up to 11 bar max.



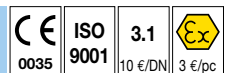
714 - Stainless steel (BSP)

CF8M body & ball.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
PS (bar)	63	63	63	63	63	63	63	63
code	714002	714003	714004	714005	714006	714007	714008	714009

2 piece body - Dry cleaned for oxygen service

2014/68/EU Directive N°0035 - Risk category II / module H - RTFE seats - Full bore - Anti-blowout stem - Locking device - PS: 63 bar - TS: -20°C/+200°C.



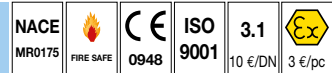
7143 - Stainless steel - silicone free (BSP)

CF8M body & ball - Supplied inside sealed bag with caps.

Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
PS (bar)	63	63	63	63	63	63	63	63
code	714302	714303	714304	714305	714306	714307	714308	714309

2 piece body - 800 lbs

97/23/EC Directive N°0948 - Risk category III / module B + C1 - 800 lbs - Fire safe BS 6755 - NACE MR0175 - PTFE + carbon graphite seats - Anti-blowout stem - Full bore - Antistatic device.



717 - Carbon steel

A105 body - F316L ball - PS: 136 bar - TS: -20°C/+180°C.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Bore	10	10	15	20	25	30	38	48
BSP code	717002	717003	717004	717005	717006	717007	717008	717009
NPT code	717102	717103	717104	717105	717106	717107	717108	717109



716 - Stainless steel

F316L body & ball - PS: 132 bar - TS: -30°C/+180°C.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Bore	10	10	15	20	25	30	38	48
BSP code	716002	716003	716004	716005	716006	716007	716008	716009
NPT code	716102	716103	716104	716105	716106	716107	716108	716109



718 - Carbon steel

A105 body - F316L ball - Length: 100 mm - PS: 136 bar - TS: -20°C/+180°C.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Bore	10	10	15	20	25	30	38	48
BW code*	718008	718010	718015	718020	718025	718032	718040	718050
SW code	718208	718210	718215	718220	718225	718232	718240	718250

not on stock,
on request.

* Butt welding ends schedule 80.

719 - Stainless steel

F316L body & ball - Length: 100 mm - PS: 132 bar - TS: -30°C/+180°C.



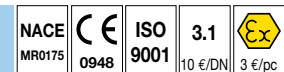
Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Bore	10	10	15	20	25	30	38	48
BW code*	719008	719010	719015	719020	719025	719032	719040	719050
SW code	719208	719210	719215	719220	719225	719232	719240	719250

not on stock,
on request.

* Butt welding ends schedule 80.

2 piece body - 1500 lbs

97/23/EC Directive N°0948 - Risk category III / module B + C1 - 1500 lbs - PEEK seats - Carbon graphite gaskets - Full bore - Anti-blowout stem - Antistatic device - ⚠ Steam up to 30 bar max.



734 - Carbon steel

A105 body - F316L ball - PS: 255 bar - TS: -20°C/+250°C.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Bore	10	10	15	20	25	30	38	48
BSP code	734002	734003	734004	734005	734006	734007	734008	734009
NPT code	734102	734103	734104	734105	734106	734107	734108	734109

735 - Stainless steel

F316L body & ball - PS: 248 bar - TS: -30°C/+250°C.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Bore	10	10	15	20	25	30	38	48
BSP code	735002	735003	735004	735005	735006	735007	735008	735009
NPT code	735102	735103	735104	735105	735106	735107	735108	735109

Locking device

for 717-716-718-719-734-735



Ø	1/4"-3/8"	1/2"	3/4"-1"	1 1/4"-2"
code	9830301	9830313	9830314	9830315



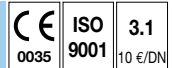
Spare stainless steel F304 lever

for 717-716-718-719-734-735

Ø	1/4"-3/8"	1/2"	3/4"-1"	1 1/4"-2"
code	9830320	9830320	9830317	9830318

2 piece construction - 3 way

97/23/EC Directive N°0035 - Risk category II / module D1 - PTFE seats - 4 seats / 3 way tightness - Reduced bore - Anti-blowout stem - Locking device - ISO pad - PS: 40 bar - TS: -30°C/+140°C.



780 - Stainless steel - L port

CF8M body & ball.

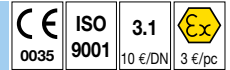
781 - Stainless steel - T port

Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
780 code	780002	780003	780004	780005	780006	780007	780008	780009
781 code	781002	781003	781004	781005	781006	781007	781008	781009

NEW



2014/68/EC Directive N°0035 - Risk category III / module H - PTFE seats - 4 seats / 3 way tightness - Reduced bore - Anti-blowout stem - Antistatic device - ISO pad - PS: 63 bar - TS: -30°C/+180°C.

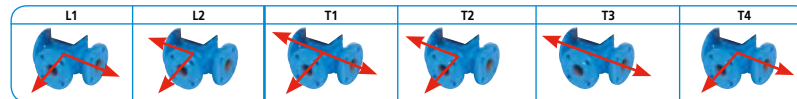


780XS - Stainless steel - L port

CF8M body & ball.

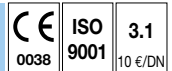
781XS - Stainless steel - T port

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
780XS code	275400	275401	275402	275403	275404	275405	275406	275407
781XS code	275420	275421	275422	275423	275424	275425	275426	275427



3 piece body - S-First

2014/68/EU Directive N°0038 - Risk category III / module H - RTFE seats - Full bore - Anti-blowout stem - Locking device - PS: see tables - TS: -20°C/+180°C - ⚠️ **Compressed air: 20 bar max. up to 1", 16 bar above.**



796 - Carbon steel

798 - Carbon steel

797 - Carbon steel

796 - Carbon steel

A216WCB body - F304 ball.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
PS (bar)	63	63	63	63	40	40	40	40	25	25	20
796 code	796002	796002	796004	796005	796006	796007	796008	796009	796010	796011	796012
797 code	797008	797010	797015	797020	797025	797032	797040	797050	797065	797080	797100
798 code	798008	798010	798015	798020	798025	798032	798040	798050	798065	798080	798100
NPT code	796102	796103	796104	796105	796106	796107	796108	796109	-	-	-

790 - Stainless steel

792 - Stainless steel

791 - Stainless steel

744 - Stainless steel

CF8M body & ball.



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
PS (bar)	63	63	63	63	40	40	40	40	25	25	20
790 code	790002	790003	790004	790005	790006	790007	790008	790009	790010	790011	790012
791 code	791008	791010	791015	791020	791025	791032	791040	791050	791065	791080	791100
792 code	792008	792010	792015	792020	792025	792032	792040	792050	792065	792080	792100
744 code	744002	744003	744004	744005	744006	744007	744008	744009	744010	744011	744012

Spare stem extension for 796-797-798-790-791-792-744 and 730-731 (page 27)



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
height	125,50	125,50	125,50	125,50	125,50	125,50	127,50	127,50
code	9810611	9810611	9810612	9810612	9810613	9810613	9810614	9810614

Spare blue sleeve for 796-797-798-790-791-792-744



Ø	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
code	9830444	9830444	9830444	9830444	9830445	9830445	9830446	9830446	9830447	9830447	9830448



Excluded from 2014/68/EU Directive (article 4, §3) - CF8M body - F304 needle - PTFE gland pack - PS: 400 bar - TS: -20°C/+180°C.

ISO 9001	3.1	
10 €/DN	3 €/pc	

481 - Female/female

487 - Female/female

488 - Male/female

Ø	1/4"	3/8"	1/2"	3/4"	1"
481 code	481002	481003	481004	481005	481006
487 code	487002	487003	487004	487005	487006
488 code	488002	488003	488004	488005	488006

Check valves

Spring - All positions

Excluded from 2014/68/EU Directive (article 4, §3) - Stainless steel body - F304 disc - FKM seat - PS: 16 bar - TS: -10°C/+150°C.

ISO 9001

327 - Full stainless steel F304

326 - Full stainless steel F316



Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
face to face	66	66	66	72	83	105	115	125	145	162,5	189,5
327 code	327002	327003	327004	327005	327006	327007	327008	327009	327010	327011	327012
326 code	326002	326003	326004	326005	326006	326007	326008	326009	326010	326011	326012

2014/68/EU Directive N°0035 - Risk category II / module H - CF8M body - F316 disc - Metal-metal tightness - PTFE body seats - PS: 63 bar - TS: -20°C/+200°C.



380 - 3 piece body

381 - 3 piece body

384 - 3 piece body

382 - 3 piece body



Ø	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
380 code	380002	380003	380004	380005	380006	380007	380008	380009	380010	380011	380012
384 code	384002	384003	384004	384005	384006	384007	384008	384009	-	-	-
381 code	381008	381010	381015	381020	381025	381032	381040	381050	381065	381080	381100
382 code	382008	382010	382015	382020	382025	382032	382040	382050	382065	382080	382100



383 - Foot valve - With F316 strainer basket

Ø	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
code	383003	383004	383005	383006	383007	383008	383009	383010	383011	383012

Unions



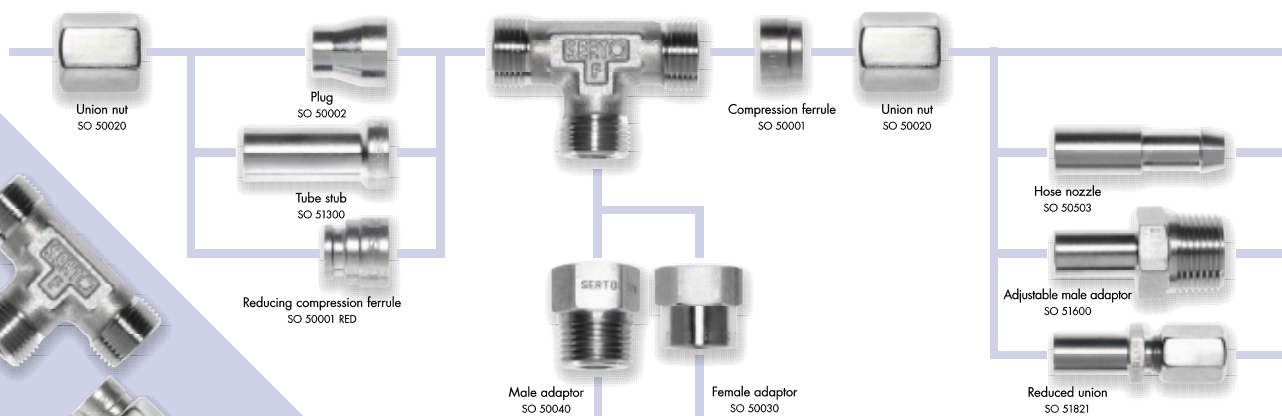
Valves



Components



Modular System



Tube fittings



Hose couplings



Valves



Single parts



Sometimes it just has to be stainless steel.

Stainless Steel Coupling Systems for Fluid Handling Applications

Nominal Diameter 2.7	Series 20		Single-handed operation. Mini industrial coupling. Many application opportunities with various media. Frequent use in: mini pneumatics, medical technology, chemistry and pharmacy.	Versions: AISI 303 + AISI 316 L Working Pressure: PB = 35 bar Working Temperature:* -15°C up to +200°C	Further Versions: ● Brass/Steel	Available Valves: ■ single shut-off ■ double shut-off	Interchangeable with: ¹⁾ Walther 06-003
Nominal Diameter 3.0	Series 303		Single-handed operation. Coupling system and plug profile as per ISO 6150 C. Particularly suitable for the area of analysis. Also available with welding connection.	Versions: AISI 316 L Working Pressure: PB = 35 bar Working Temperature:* -15°C up to +200°C	Further Versions: —	Available Valves: ■ double shut-off	Interchangeable with: ¹⁾ ISO 6150 C
Nominal Diameter 4-9	Series 204, 206 209		Single-handed operation. Easy handling. Ergonomic sleeve shape. Optimized size. Low coupling forces. Valve body protected by collar design. Extremely low leakage.	Versions: AISI 316 L Working Pressure: PB = 15 bar Working Temperature:* -15°C up to +200°C	Further Versions: ● Brass/Steel	Available Valves: ■ dry-break	Interchangeable with: ¹⁾ Rectus Design
Nominal Diameter 5.0	Series 21		Single-handed operation. Mini industrial coupling. Above average flow performance for liquid, gaseous and particularly aggressive media.	Versions: AISI 303 + AISI 316 L Working Pressure: PB = 35 bar Working Temperature:* -40°C up to +316°C	Further Versions: ● Brass/Steel ● Thermoplastics ● Safety ● Coded Systems	Available Valves: ■ single shut-off ■ double shut-off ■ dry-break	Interchangeable with: ¹⁾ Camozi Ewo Kani
Nominal Diameter 7.2	Series 26		Single-handed operation. Corrosion-resistant Euro-coupling in AISI 303, as an alternative to the UltraFlo versions. Plug profile can be changed for the Euro-profile.	Versions: AISI 303 Working Pressure: PB = 35 bar Working Temperature:* -40°C up to +200°C	Further Versions: ● Brass/Steel ● Safety	Available Valves: ■ single shut-off	Interchangeable with: ¹⁾ Rectus 1600/1625 JWL 520 JWL 530
Nominal Diameter 7.4	Series 25		Single-handed operation. 3/8" to 1/2" Euro-industrial profile. UltraFlo technology. High flow performance. Use with liquid and aggressive media.	Versions: AISI 303 + AISI 316 L Work. Press.: PB = 8 / 35 bar Working Temperature:* -40°C up to +316°C	Further Versions: ● Brass/Steel ● Safety ● Coded Systems	Available Valves: ■ single shut-off ■ double shut-off ■ dry-break	Interchangeable with: ¹⁾ Rectus 26 Rectus 1600/1625 JWL 520/530 Cejn 320
Nominal Diameter 7.4	Series 1300		Compact design. Corrosion resistance. Mainly used for applications in the areas of compressed air and liquids. Optimally suited to use with liquid and aggressive media.	Versions: AISI 316 Work. Press.: PB = 35 / 50 bar Working Temperature:* -25°C up to +200°C	Further Versions: ● Brass/Steel	Available Valves: ■ single shut-off ■ double shut-off	Interchangeable with: ¹⁾ Tema Design
Nominal Diameter 9.5	Series 1800		Robust, compact design. Corrosion resistance. Mainly used in the area of liquids with aggressive media.	Versions: AISI 316 Work. Press.: PB = 35 / 50 bar Working Temperature:* -25°C up to +200°C	Further Versions: ● Brass/Steel	Available Valves: ■ single shut-off ■ double shut-off	Interchangeable with: ¹⁾ Tema Design
Nominal Diameter 10.0	Series 27		Single-handed operation. 1/2" Euroindustrial profile. UltraFlo technology. High flow performance. Robust structure used with aggressive media.	Versions: AISI 303 + AISI 316 L Working Pressure: PB = 35 bar Working Temperature:* -15°C up to +200°C	Further Versions: ● Brass/Steel ● Safety	Available Valves: ■ single shut-off ■ double shut-off	Interchangeable with: ¹⁾ CEJN 410
Nominal Diameter 19	Series NSE		Two-handed operation. Dry-Break couplings with flat face valves. High flow with low pressure drop. No spillage during connection/disconnection. Specific design for cooling applications.	Versions: AISI 303 Working Pressure: PB = 15 bar Working Temperature:* -20°C bis +200°C	Further Versions: —	Available Valves: ■ dry-break	Interchangeable with: ¹⁾ Parker Design
Nominal Diameter 4.3-20	Series 71 up to 76		Two-handed operation. Industrial profile as per ISO 7241-1 series B. Extremely high volume flow with liquids. No unnecessary screw points as bodies are produced in one piece.	Versions: AISI 303 + AISI 316 L Work. Press.: PB = 100-250 bar ²⁾ Working Temperature:* -20°C up to +200°C	Further Versions: ● Brass/Steel ● Thermoplastics	Available Valves: ■ double shut-off	Interchangeable with: ¹⁾ ISO 7241-1 B

* Depending on the medium.

¹⁾ The interchangeability is guaranteed under the assumption that the manufacturer of the relevant product has not changed any functional part in the meantime.

²⁾ Pressure range dependent on the respective series (see Pneumatic Catalogue CAT/3800-PNEU/UK).

Sometimes it just has to be stainless steel.

Stainless Steel Coupling Systems for Medium and High Pressure Applications

Body Size 1/8" - 2 1/2"	Series 60		Coupling system according to ISO 7241-1 Series B. Poppet with crimped seal. Large number of locking balls distribute the work load evenly while providing alignment for the two parts of the coupling. Optional with Sleeve-Lock.	Versions: AISI 303 + AISI 316 Working Press.: up to 350 bar ²⁾ Working Temperature:* -40°C up to +110°C	Further Versions: - Brass - Steel	Available Valves: ■ double shut-off	Interchangeable with: ¹⁾ ISO 7241-1 Series B
Body Size 1/8" - 1"	Series IF		Coupling system according to ISO 16028. Single-handed operation. Leakage free disconnection. Minimum pressure drop, thus achieves maximum cost-effectiveness. Safety locking feature to prevent unintentional uncoupling.	Versions: AISI 316 Working Press.: up to 315 bar ²⁾ Working Temperature:* -25°C up to +200°C	Further Versions: - Steel	Available Valves: ■ dry-break	Interchangeable with: ¹⁾ ISO 16028
Body Size 1/8" - 2"	Series T		Low pressure drop and maximum flow capacity. Pressure Eliminator - possible to connect up to the operating pressure. Double safety through a double O-ring seal. Safety locking sleeve to prevent unintentional uncoupling.	Versions: AISI 316 Working Press.: up to 350 bar ²⁾ Working Temperature:* -25°C up to +200°C	Further Versions: - Brass/Steel - Brass chromated - High Pressure Water	Available Valves: ■ straight-through ■ double shut-off	Interchangeable with: ¹⁾ Tema Design
Body Size 1/8" - 1 1/2"	Series ST		Straight-Through coupling system. Ball locking mechanism with eight balls to distributes work load assures low wearing and good alignment of the couplings. Available with additional Sleeve-Lock.	Versions: AISI 303 Working Press.: up to 460 bar ²⁾ Working Temperature:* -25°C up to +110°C	Further Versions: - Brass	Available Valves: ■ straight-through	Interchangeable with: ¹⁾ Parker Design
Body Size 1/4" - 6"	Series H		Coupling system for hydraulic and pneumatic applications. Wide range of sizes, materials and end configurations.	Versions: AISI 316 Working Press.: up to 345 bar ²⁾ Working Temperature:* -35°C up to +120°C	Further Versions: - Brass - Steel - Aluminium	Available Valves: ■ straight-through ■ single shut-off ■ double shut-off	Interchangeable with: ¹⁾ Snap-tite Design
Body Size 1/4" - 2"	Series 71		FlatFace Push-to-Connect coupling system. Large flow chambers resulting in superior flow and pressure drop. Optional available with sleeve-lock. Heavy duty construction.	Versions: AISI 316 Working Press.: up to 690 bar ²⁾ Working Temperature:* -35°C up to +120°C	Further Versions: - Steel - High Pressure Stainless Steel	Available Valves: ■ dry-break	Interchangeable with: ¹⁾ Snap-tite Design
Body Size 3/4" - 4"	Series 75		Heavy duty thread to connect coupling. Connectable under residual pressure. Wide range of sizes and seal materials to handle a variety of applications.	Versions: AISI 316 Working Press.: up to 207 bar ²⁾ Working Temperature:* -35°C up to +120°C	Further Versions: - Steel - Steel DBP	Available Valves: ■ double shut-off	Interchangeable with: ¹⁾ Snap-tite Design
Body Size 1/4" - 3/8"	Series SK		High pressure coupling for offshore application. Especially used for high working pressure and in aggressive environment. Corrosion resistant. Screw-to-connect - connectable under pressure.	Versions: Wst No 1.4462 / SS 2377 Work. Press.: up to 1100 bar ²⁾ Working Temperature:* -25°C up to +100°C	Further Versions: —	Available Valves: ■ straight-through ■ double shut-off	Interchangeable with: ¹⁾ Tema Design
Body Size 1/4"	Series 77		High pressure dry-break coupling. Dog-lock mechanism preventing ball brinnelling. Internal sleeve-lock as safety feature.	Versions: AISI 316 dual certified Working Press.: up to 1379 bar ²⁾ Working Temperature:* -35°C up to +120°C	Further Versions: - Steel	Available Valves: ■ single shut-off ■ double shut-off	Interchangeable with: ¹⁾ Snap-tite Design
Body Size 1/4"	Series 73		High pressure poppet coupling. Heavy duty construction. Positive locking collar to prevent accidental disconnection.	Versions: 15-5 PH Work. Press.: up to 3000 bar ²⁾ Working Temperature:* -26°C bis +204°C	Further Versions: —	Available Valves: ■ straight-through ■ double shut-off	Interchangeable with: ¹⁾ Snap-tite Design

* Depending on the medium.

¹⁾ The interchangeability is guaranteed under the assumption that the manufacturer of the relevant product has not changed any functional part in the meantime.

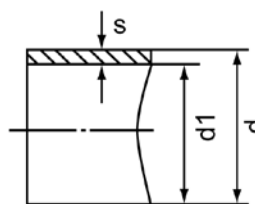
²⁾ Pressure range dependent on the respective body size (see Hydraulic Catalogue CAT/3800-HYD/UK).

Präzisionsrohre aus Edelstahl 1.4571

Tubes de précision en acier inoxydable 1.4571

Stainless steel tubes 1.4571

EDELSTAHL 1.4571



Type d / d1 x s	Mat.-Nr.	bar	d	d1	s	kg/m	Länge/Length
Inox-Rohr 6/4x1 (1.4571)	450.1006.200	543	6.00	4.00	1.00	0.130	6 m
Inox-Rohr 8/6x1 (1.4571)	450.1006.300	407	8.00	6.00	1.00	0.180	6 m
Inox-Rohr 10/7x1,5 (1.4571)	450.1006.355	400	10.00	7.00	1.50	0.319	6 m
Inox-Rohr 10/8x1 (1.4571)	450.1006.350	326	10.00	8.00	1.00	0.260	6 m
Inox-Rohr 12/10x1 (1.4571)	450.1006.401	271	12.00	10.00	1.00	0.280	6 m
Inox-Rohr 12/9x1,5 (1.4571)	450.1006.405	407	12.00	9.00	1.50	0.390	6 m
Inox-Rohr 15/13x1 (1.4571)	450.1006.550	217	15.00	13.00	1.00	0.350	6 m
Inox-Rohr 15/12x1,5 (1.4571)	450.1006.555	326	15.00	12.00	2.00	0.500	6 m
Inox-Rohr 18/15x1,5 (1.4571)	450.1006.705	271	18.00	15.00	1.50	0.620	6 m
Inox-Rohr 22/19x1,5 (1.4571)	450.1006.805	222	22.00	19.00	1.50	0.770	6 m
Inox-Rohr 28/25x1,5 (1.4571)	450.1006.850	85	28.00	25.00	1.50	0.995	6 m

Temperatur °C

Température °C

Temperature °C

*C -100°	-60°	0°	100°	120°	200°	250°	300°
75 %		100 %			70 %	60 %	

Spezifikationen:

Werkstoff: 1.4571, DIN EN 10216-5 (≈ AISI 316Ti)
 Temperaturbereich: -110° bis +300°C
 Berstdruck: 1.5-facher Betriebsdruck bei ruhender Belastung
 Abmessungen und Toleranzen: siehe Kapitel i

Spécifications:

Matériau: 1.4571, DIN EN 10216-5 (≈ AISI 316Ti)
 Plage de température: -110° à +300°C
 Pression d'éclatement: 1.5 fois la pression de service en pression statique
 Dimensions et tolérances: voir chapitre i

Specifications:

Material: 1.4571, DIN EN 10216-5 (≈ AISI 316Ti)
 Temperature range: -110° to +300°C
 Burst pressure: 1.5 times working pressure under steady load
 Dimensions and tolerances: see chapter i

Merkmale:

- Nahtlos gezogene Präzisionsrohre
- speziell auf unsere Verschraubungen abgestimmt
- Bescheinigungen über Werkstoffprüfungen nach DIN EN 10204 können abgegeben werden
- Anwendungen: optimal für unsere Verschraubungen aus Edelstahl

Caractéristiques:

- tubes de précision en tolérance serrée
- spécialement adaptés à nos raccords
- attestations d'essai des matériaux utilisés selon DIN EN 10204 délivrables sur demande
- utilisations: optimale pour nos raccords en inox

Features:

- seamless, cold drawn, high precision tubes
- especially adapted to our unions
- material test certificates per DIN EN 10204 can be provided upon request
- applications: ideal for our stainless steel tube unions



Rue Romanie Van Dijkstraat, 25 - 1070 ANDERLECHT

Tel : 00 32 2 522 31 19 - www.lefort.be - info@lefort.be