







About Us:

For more than 40 years supply stain-less steel V-clamps used as a quick fitting connection in various applications.

On combustion engines in the exhaust system, in the cooling system, on pumps and instruments, in filtersystems, pharmaceutical- und food-industry and in bulkhandling V-clamps find a widespread field of applications where flanges need quick joining.

was established 1980 in Stuttgart ori-ginally as sales office. The stores grew with the demand for standard parts and short term deliveries. In 1990 moved in own premises in Stuttgart. Since then expanded the product range by ferrules and gaskets, standard-parts beeing always availa-ble ex stock.

In order to meet the growing demand for these products in various industrial sectors moved premises and principal office in april 2005 to Steinenbronn near Stuttgart. Larger stores and better infrastructure sett-led our position for the future. In april 2014 moved into a new, larger building. With now more than 1.000 sqm and broad offices we are able with further staff to ensure a qualified customer support also in the fu-ture.

attach great value to qualified custo-mer support and reliable supply. Our products come from certified manufacturers to ISO9001 and QS9000. Our cu-stomers benefit from the long-lasting experience of our manufacturers in development and production of stainless steel products. Since july 2008 our quality management is approved and certified to ISO 9001:2015.

According to customers demand we can supply material certificates. TÜV-approvals, pressure tests and pressure calculations permit the safe application at the customer.



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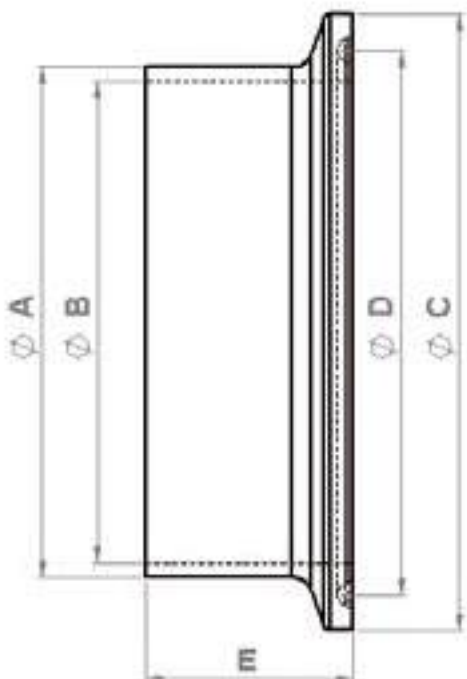
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Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3.....	99
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Ferrules DIN32676 sched. A, Short (KK)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

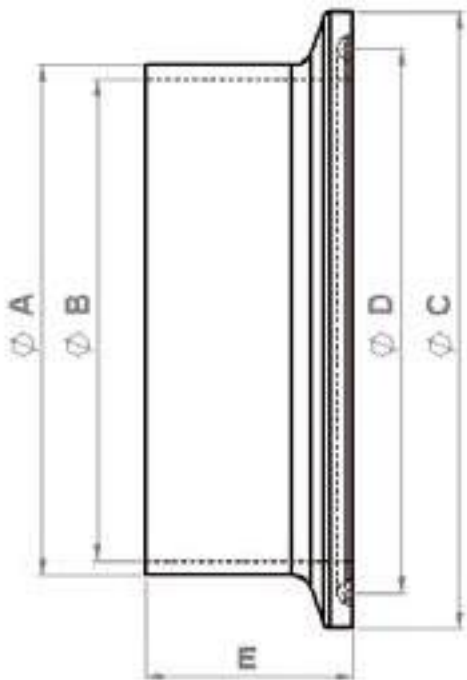
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sched. A DN Metric	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
DN06	8,0	6,0	25,0	20,2	12,7	411980
DN08	10,0	8,0	25,0	20,2	12,7	411990
DN10	13,0	10,0	34,0	27,5	18,0	412001
DN15	19,0	16,0	34,0	27,5	18,0	412051
DN15	19,0	16,0	50,5	43,5	18,0	412060
DN20	23,0	20,0	34,0	27,5	18,0	412101
DN25	29,0	26,0	50,5	43,5	21,5	412151
DN32	35,0	32,0	50,5	43,5	21,5	412201
DN40	41,0	38,0	50,5	43,5	21,5	412251
DN50	53,0	50,0	64,0	56,5	21,5	412301
DN65	70,0	66,0	91,0	83,5	28,0	412350
DN80	85,0	81,0	106,0	97,0	28,0	412400
DN100	104,0	100,0	119,0	110,0	28,0	412450
DN125	129,0	125,0	155,0	146,0	28,0	412500
DN150	154,0	150,0	183,0	174,0	28,0	412550
DN200	204,0	200,0	233,5	225,0	28,0	412600

Ferrules DIN32676 sched. A, Long (KL)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)

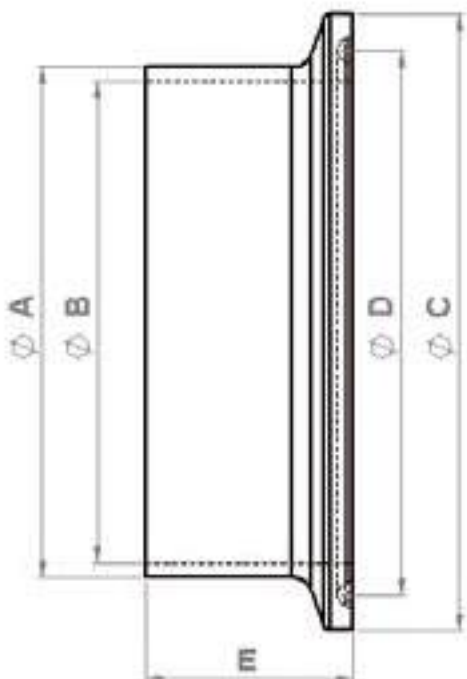


sched. A DN Metric	Tube OD A	Tube ID B	Flange OD C	Groove D	Long (KL) E	Item-No.
DN06	8,0	6,0	25,0	20,2	28,6	411985
DN08	10,0	8,0	25,0	20,2	28,6	411995
DN10	13,0	10,0	34,0	27,5	28,6	412005
DN15	19,0	16,0	34,0	27,5	28,6	412055
DN20	23,0	20,0	34,0	27,5	28,6	412105
DN25	29,0	26,0	50,5	43,5	36,0	412155
DN32	35,0	32,0	50,5	43,5	36,0	412205
DN40	41,0	38,0	50,5	43,5	36,0	412255
DN50	53,0	50,0	64,0	56,5	36,0	412305
DN65	70,0	66,0	91,0	83,5	48,0	412355
DN80	85,0	81,0	106,0	97,0	48,0	412405
DN100	104,0	100,0	119,0	110,0	48,0	412455
DN125	129,0	125,0	155,0	146,0	66,0	412505
DN150	150,0	154,0	183,0	174,0	66,0	412555
DN200	200,0	204,0	233,5	225,0	66,0	412605

Ferrules DIN32676 sched. B, Short (KK)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)

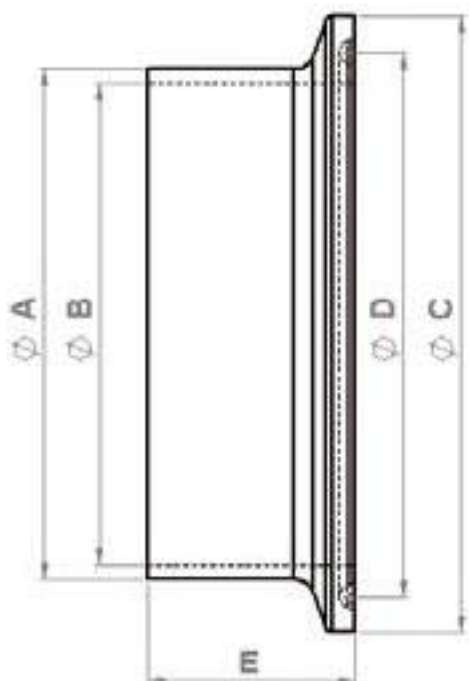


sched. B DN Metric	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
DN10,2 (NW06)	10,2	7,0	25,0	20,2	21,5	412950
DN13,5 (NW08)	13,5	10,3	25,0	20,2	12,7	412990
DN17,2 (NW10)	17,2	14,0	25,0	20,2	12,7	413040
DN17,2 (NW10)	17,2	14,0	50,5	43,5	21,5	413060
DN21,3 (NW15)	21,3	18,1	50,5	43,5	21,5	413100
DN26,9 (NW20)	26,9	23,7	50,5	43,5	21,5	413152
DN33,7 (NW25)	33,7	29,7	50,5	43,5	21,5	413200
DN42,4 (NW32)	42,4	38,4	64,0	56,5	21,5	413250
DN48,3 (NW40)	48,3	44,3	64,0	56,5	21,5	413300
DN60,3 (NW50)	60,3	56,3	77,5	70,5	28,0	413355
DN60,3 (NW50)	60,3	56,3	77,5	70,5	21,5	413350
DN76,1 (NW65)	76,1	72,1	91,0	83,5	28,0	413405
DN76,1 (NW65)	76,1	72,1	91,0	83,5	21,5	413400
DN88,9 (NW80)	88,9	84,3	106,0	97,0	28,0	413455
DN88,9 (NW80)	88,9	84,3	106,0	97,0	21,5	413450
DN114,3 (NW100)	114,3	109,7	130,0	122,0	28,0	413505
DN139,7 (NW125)	139,7	134,5	155,0	146,0	28,0	413555
DN168,3 (NW150)	168,3	163,1	183,0	174,0	28,0	413600
DN219,1 (NW200)	219,1	213,9	233,5	225,0	28,0	413650



Ferrules DIN32676 sched. B, Long (KL)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)

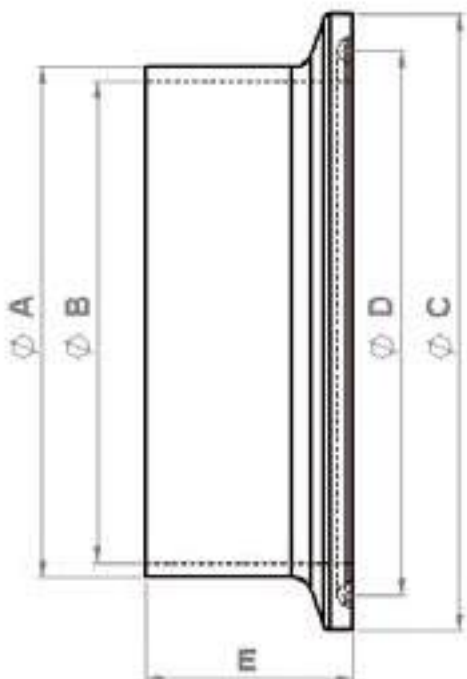


sched. B DN Metric	Tube OD A	Tube ID B	Flange OD C	Groove D	Long (KL) E	Item-No.
DN10,2 (NW06)	10,2	7,0	25,0	20,2	21,5	412950
DN13,5 (NW08)	13,5	10,3	25,0	20,2	28,6	413000
DN17,2 (NW10)	17,2	14,0	25,0	20,2	28,6	413050
DN21,3 (NW15)	21,3	18,1	50,5	43,5	36,0	413105
DN26,9 (NW20)	26,9	23,7	50,5	43,5	36,0	413155
DN33,7 (NW25)	33,7	29,7	50,5	43,5	36,0	413203
DN42,4 (NW32)	42,4	38,4	64,0	56,5	36,0	413253
DN48,3 (NW40)	48,3	44,3	64,0	56,5	36,0	413305
DN60,3 (NW50)	60,3	56,3	77,5	70,5	36,0	413360
DN76,1 (NW65)	76,1	72,1	91,0	83,5	48,0	413410
DN88,9 (NW80)	88,9	84,3	106,0	97,0	48,0	413460
DN114,3 (NW100)	114,3	109,7	130,0	122,0	48,0	413510
DN139,7 (NW125)	139,7	134,5	155,0	146,0	66,0	413556
DN168,3 (NW150)	168,3	163,1	183,0	174,0	66,0	413605
DN219,1 (NW200)	219,1	213,9	233,5	225,0	66,0	413655

Ferrules DIN32676 sched. C, Short (KK)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)

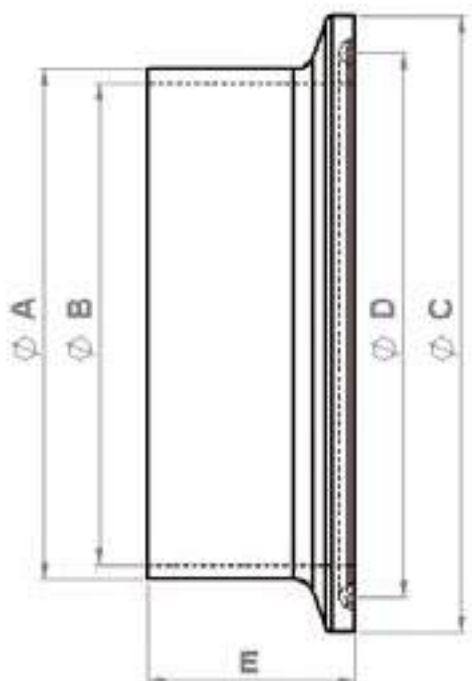


sched. C DN Metric	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
1/4"	6,35	4,57	25,0	20,2	12,7	414000
3/8"	9,53	7,75	25,0	20,2	12,7	414011
1/2"	12,70	9,40	25,0	20,2	12,7	414015
3/4"	19,05	15,75	25,0	20,2	12,7	414025
1"	25,40	22,10	50,5	43,5	21,5	414100
1 1/2"	38,10	34,80	50,5	43,5	21,5	414150
2"	50,80	47,50	64,0	56,5	21,5	414200
2 1/2"	63,50	60,20	77,5	70,5	28,0	414250
3"	76,20	72,90	91,0	83,5	28,0	414300
4"	101,60	97,38	119,0	110,0	28,0	414400
6"	154,0	150,0	167,0	156,5	28,0	414600
6"	152,40	146,86	167,0	156,5	28,0	414601
6" (US SIZE)	154,0	147,0	167,0	156,5	21,5	414602



Ferrules DIN32676 sched. C, Long (KL)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)

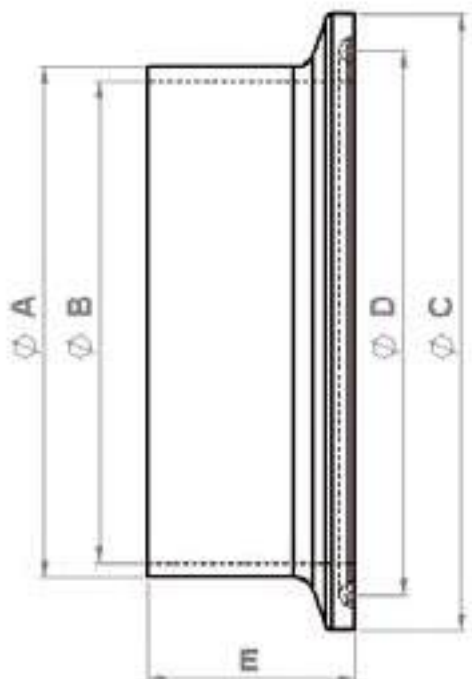


sched. C DN Metric	Tube OD A	Tube ID B	Flange OD C	Groove D	Long (KL) E	Item-No.
1/2"	12,70	9,40	25,0	20,2	28,6	414020
3/4"	19,05	15,75	25,0	20,2	28,6	414030
1"	25,40	22,10	50,5	43,5	36,0	414105
1 1/2"	38,10	34,80	50,5	43,5	36,0	414155
2"	50,80	47,50	64,0	56,5	36,0	414205
2 1/2"	63,50	60,20	77,5	70,5	36,0	414255
3"	76,20	72,90	91,0	83,5	48,0	414305
4"	101,60	97,38	119,0	110,0	48,0	414405
6"	152,40	146,86	167,0	156,5	66,0	414605

Ferrules ISO1127

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

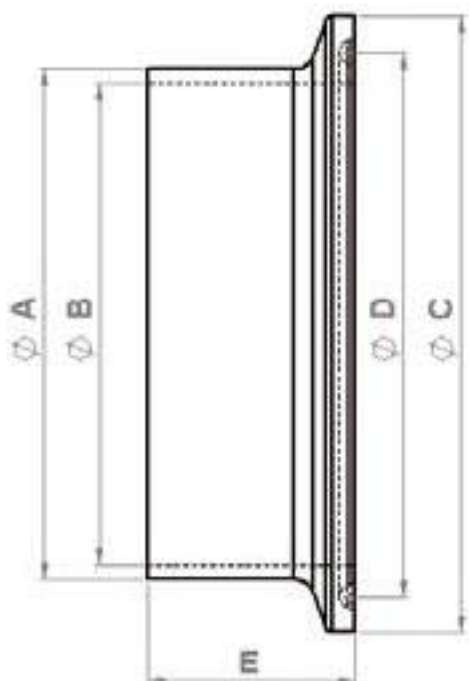
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ISO 1127	Tube OD A	Tube ID B	Flange OD C	Groove D	Length E	Item-No.
DN 17,2 / 34,0	17,2	14,0	34,0	27,5	18,0	413055
DN 21,3 / 34,0	21,3	18,1	34,0	27,5	18,0	413101
DN 33,7 / (1,6)	33,7	30,5	50,5	43,5	21,5	413204
DN 42,4 / 50,5	42,4	38,4	50,5	43,5	21,5	413255
DN 60,3	60,3	56,3	77,5	70,5	21,5	413350
DN 88,9	88,9	84,9	106,0	97,0	21,5	413450
DN 273,0	273,0	267,8	286,1	276,0	28,0	413700
DN 323,9	323,9	318,7	338,0	328,0	28,0	413750

Ferrules Non-Standard

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)



Non Standard	Tube OD A	Tube ID B	Flange OD C	Groove D	Length E	Item-No.
5"	129,0	125,0	144,4	134,4	28,0	414500
6"	154,0	150,0	167,0	156,5	28,0	414600
6" (US)	154,0	147,0	167,0	156,5	21,5	414602
8"	204,0	200,0	217,4	207,4	28,0	414700
8" (US)	203,2	197,66	217,4	207,4	28,0	414710
10" (DN250) KK/short	254,0	250,0	268,0	258,0	28,0	414800
10" (DN250) KL/long	254,0	250,0	268,0	258,0	66,0	414805
10 sched. 5	273,0	266,3	286,1	276,0	28,0	414850
12" (DN300)	306,0	300,0	319,0	309,0	28,0	414900
12" (DN300)	304,0	300,0	319,0	309,0	28,0	414901

Ferrules Mini-Series

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)

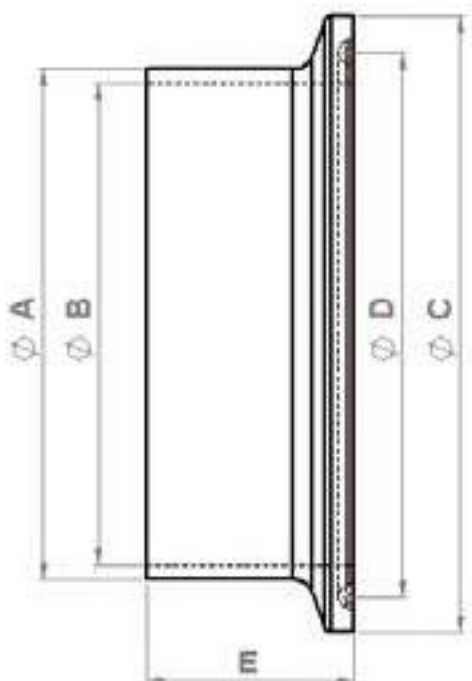


Mini Series	Tube OD A	Tube ID B	Flange OD C	Groove D	Length E	Item-No.
DN 06	6,0	4,0	25,0	20,2	21,5	415000
DN 08	8,0	6,0	25,0	20,2	21,5	415010
DN 08 KL	8,0	6,0	25,0	20,0	28,6	411985
DN 12	12,0	10,0	25,0	20,2	21,5	415030
DN 12 KL	12,0	10,0	25,0	20,2	28,6	415032
DN 14	14,0	12,0	25,0	20,2	21,5	415040
DN 16	16,0	14,0	25,0	20,2	21,5	415050
DN 18	18,0	16,0	25,0	20,2	28,6	415060



Ferrules DIN32676 sched. A, short - EU Production

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)

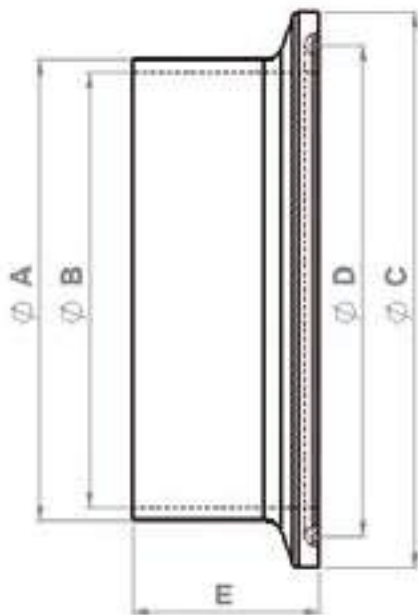


DN 32676 sched. A	Tube OD A	Tube ID B	Flange OD C	Groove D	Length E	Item-No.
DN10	13,0	10,0	34,0	27,5	18,0	402001
DN15	19,0	16,0	34,0	27,5	18,0	402051
DN20	23,0	20,0	34,0	27,5	18,0	402101
DN25	29,0	26,0	50,5	43,5	21,5	402151
DN32	35,0	32,0	50,5	43,5	21,5	402201
DN40	41,0	38,0	50,5	43,5	21,5	402251
DN50	53,0	50,0	64,0	56,5	21,5	402301
DN65	70,0	66,0	91,0	83,5	28,0	402350
DN80	85,0	81,0	106,0	97,0	28,0	402400
DN100	104,0	100,0	119,0	110,0	28,0	402450
DN125	129,0	125,0	155,0	146,0	28,0	402500
DN150	154,0	150,0	183,0	174,0	28,0	402550
DN200	204,0	200,0	233,5	225,0	28,0	402600

Ferrules DIN32676 sched. B/ISO 1127 - EU Production

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

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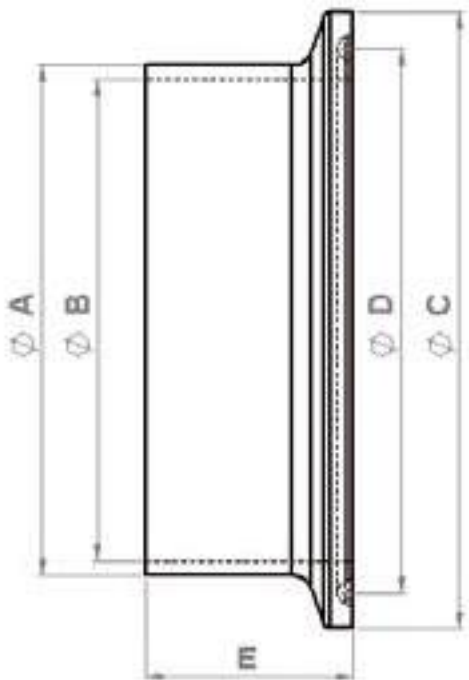
DIN 32676 sched. B/ ISO 1127	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
NW 13,5 / 25,0	13,5	10,3	25,0	20,2	21,5*	403000
NW 13,5 / 34,0	13,5	10,3	34,0*	27,5	18,0	403001
NW 13,5 / 50,5	13,5	10,3	50,5*	43,5	21,5	403002
NW 17,2 / 25,0	17,2	14,0	25,0	20,2	21,5*	403050
NW 17,2 / 34,0	17,2	14,0	34,0*	27,5	18,0	403051
NW 17,2 / 50,5	17,2	14,0	50,5*	43,5	21,5	403052
NW 21,3 / 34,0	21,3	18,1	34,0*	27,5	18,0	403101
NW 21,3 / 50,5	21,3	18,1	50,5	43,5	21,5	403100
NW 26,9	26,9	22,9*	50,5	43,5	21,5	403150
NW 26,9 (1,6)	26,9	23,7	50,5	43,5	21,5	403152
NW 33,7	33,7	29,7	50,5	43,5	21,5	403200
NW 33,7 (1,2)	33,7	31,3*	50,5	43,5	21,5	403203
NW 42,4 / 50,5	42,4	38,4	50,5*	43,5	21,5	403260
NW 42,4 / 64,0	42,4	38,4	64,0	56,5	21,5*	403250
NW 48,3	48,3	44,3	64,0	56,5	21,5*	403300
NW 60,3	60,3	56,3	77,5	70,5	21,5*	403350
NW 76,1	76,1	72,1	91,0	83,5	21,5*	403400
NW 88,9	88,9	84,9	106,0	97,0	21,5*	403451
NW 114,3	114,3	110,3*	130,0	122,0	28,0	403500
NW 137,7	139,7	135,7	155,0	146,0	28,0	403550
NW 168,3	168,3	163,3	183,0	174,0	28,0	403600
NW 219,1	219,1	213,9	233,5	225,0	28,0	403650
NW 273,0*	273,0	266,0	287,0	276,0	28,0	403700
NW 323,9*	323,9	318,7	338,0	328,0	28,0	400950

*Maße sind abweichend von der DIN 32676 Reihe B / * Dimensions are deviating from DIN 32676 series B



Ferrules ASME BPE

Material: AISI 316L Low Sulphur, Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)

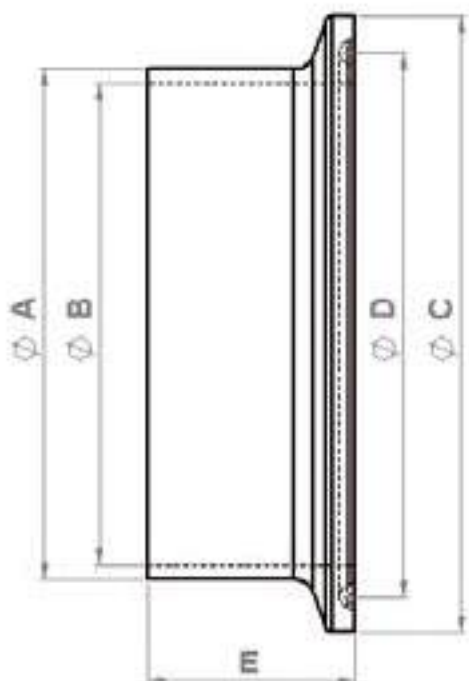


ASME BPE	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
3/8"	9,52	7,74	25,0	20,2	44,5	399995
1/2"	12,70	9,40	25,0	20,2	44,5	400001
3/4"	19,05	15,75	25,0	20,2	44,5	400051
1"	25,40	22,10	50,5	43,5	44,5	400101
1 1/2"	38,10	34,80	50,5	43,5	44,5	400151
2"	50,80	47,50	64,0	56,5	57,2	400201
2 1/2"	63,50	60,20	77,5	70,5	57,2	400251
3"	76,20	72,90	91,0	83,5	57,2	400301
4"	101,60	97,38	119,0	110,0	57,2	400401
6"	152,40	146,86	167,0	156,5	76,2	400601

Ferrules SMS 3008 & SWG

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



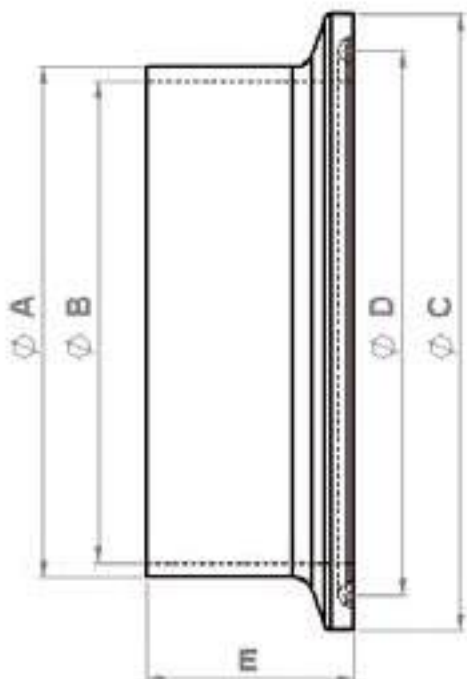
SMS 3008	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
NS 18	18,0	16,0	25,0	20,2	28,6	415060
NS 25	25,0	22,6	50,5	43,5	21,5	415100
NS 38	38,0	35,6	50,5	43,5	21,5	415150
NS 51	51,0	48,6	64,0	56,5	21,5	415200
NS 63,5	63,5	60,2	77,5	70,5	21,5	414252
NS 76,1	76,1	72,9	91,0	83,5	21,5	414310
NS 89	89,0	85,0	106,0	97,0	21,5	415350
NS 101,6	101,6	97,4	119,0	110,0	21,5	414410

SWG	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
NS 25,4	25,4	22,1	50,5	43,5	21,5	414100
NS 38,1	38,1	34,8	50,5	43,5	21,5	414150
NS 51	50,8	47,5	64,0	56,5	21,5	414200
NS 63,5	63,5	60,2	77,5	70,5	21,5	414252
NS 76,1	76,2	72,9	91,0	83,5	21,5	414310
NS 101,6	101,6	97,4	119,0	110,0	21,5	414410



Ferrules SMS 3017 & BS 4825-3 (A2:2009)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)



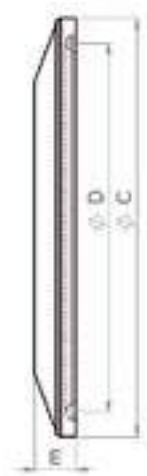
SMS 3017	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
NS 25	25,6	22,6	50,5	43,5	21,5	415500
NS 33,7	33,7	30,5	50,5	43,5	21,5	413204
NS 38	38,6	35,6	50,5	43,5	21,5	415600
NS 51	51,6	48,6	64,0	56,5	21,5	415650
NS 63,5	64,1	60,3	77,5	70,5	21,5	415700
NS 76,1	76,7	72,9	91,0	83,5	21,5	415750
NS 101,6	102,5	97,6	119,0	110,0	21,5	415850

BS 4825-3	Tube OD A	Tube ID B	Flange OD C	Groove D	Short (KK) E	Item-No.
1/2"	12,7	9,52	25,4	20,3	21,5	417015
3/4"	19,05	15,85	25,4	20,3	21,5	417025
1"	25,65	22,2	50,5	43,5	21,5	417100
1 1/2"	38,35	34,9	50,5	43,5	21,5	417150
2"	51,05	47,6	64,0	56,5	21,5	417200
2 1/2"	63,5	60,2	77,5	70,5	21,5	414252
3"	76,2	72,9	91,0	83,5	21,5	414310
4"	101,6	97,4	119,0	110,0	21,5	414410
6 5/8"	169,35	163,1	183,0	174,0	28,0	417500
8 5/8"	220,55	213,9	233,5	225,0	28,0	417550

Blanks DIN32676 sched. A/B/C

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)

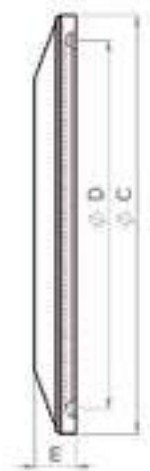


For flange Ø in mm	Tube Size / Nom. Sizes			C MM	D MM	E MM	Item-No.
	DIN 32676 sched. C / ISO 2852 / ASME BPE	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A				
25,0	1/4"-3/4"	NW 10,2-17,2	06-08	25,0	20,2	4,75	411000
34,0			10-15-20	34,0	27,5	6,35	411050
50,5	1"-1 1/2"	NW 21,3-33,7	25-32-40	50,5	43,5	6,35	411100
64,0	2"	NW 42,4-48,3	50	64,0	56,5	6,35	411150
77,5	2 1/2"	NW 60,3		77,5	70,5	6,35	411200
91,0	3"	NW 76,1	65	91,0	83,5	6,35	411250
106,0	3 1/2"	NW 88,9	80	106,0	97,0	6,35	411300
119,0	4"		100	119,0	110,0	8,0	411400
130,0		NW 114,3		130,0	122,0	8,0	411450
144,4	5"			144,4	134,4	10,0	411500
155,0		NW 139,7	125	155,0	146,0	8,0	411550
167,0	6"			167,0	156,5	14,0	411600
183,0		NW 168,3	150	183,0	174,0	14,0	411650
217,4	8"			217,4	207,4	14,0	411700
233,5	8 5/8"	NW 219,1	200	233,5	225,0	14,0	411750
268,0	10"		250	268,0	258,0	14,0	411800
286,1	10"s.5	NW 273,0		286,1	276,0	14,0	411850
319,0	12"		300	319,0	309,0	14,0	411900
338,0	12"s.5	NW 323,9		338,0	328,0	14,0	411950

Blanks DIN32676 sched. A/B/C - EU Production

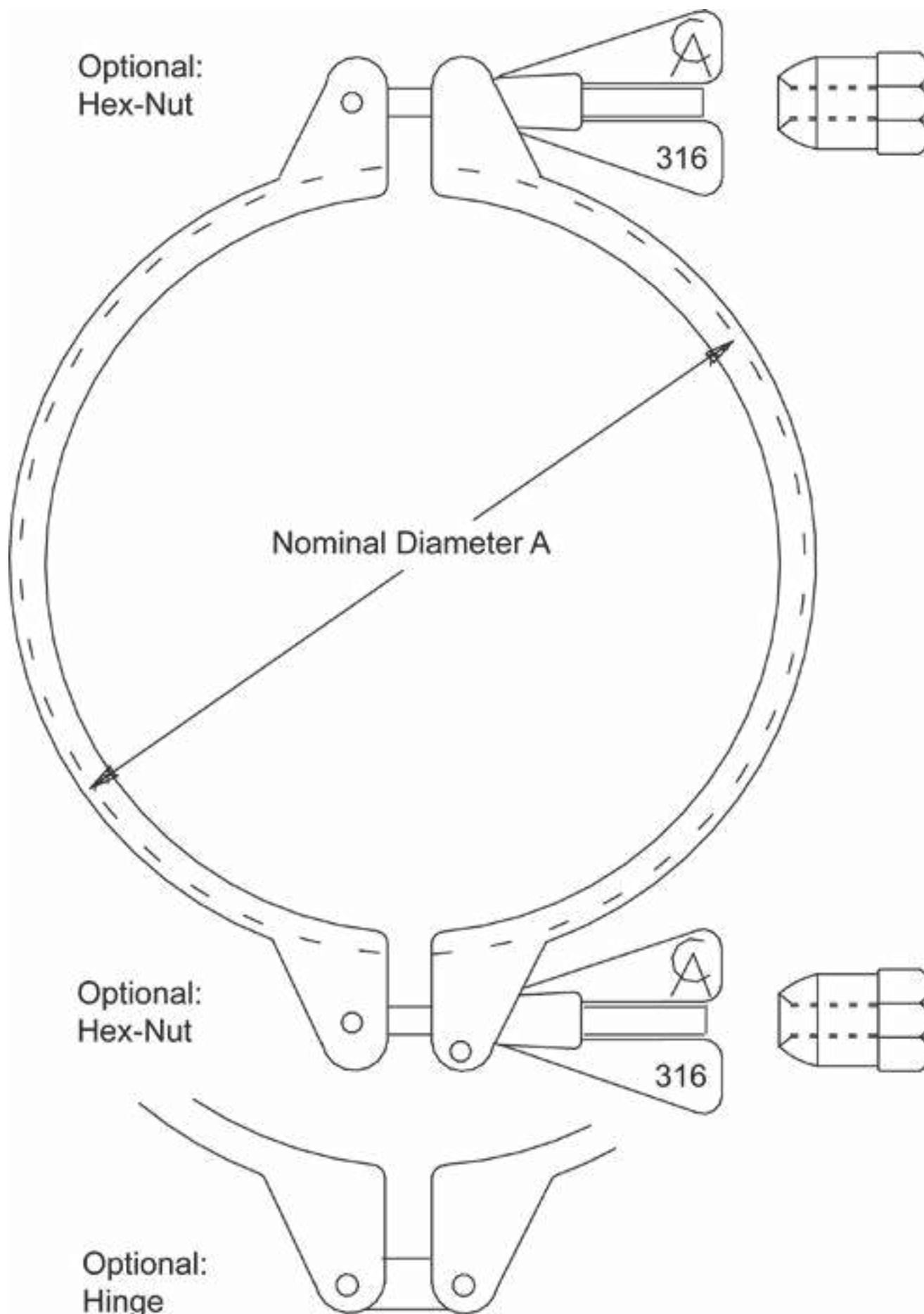
Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



For flange Ø in mm	Tube Size / Nom. Sizes			C MM	D MM	E MM	Item-No.
	DIN 32676 sched. C / ISO 2852 / ASME BPE	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A				
25,0	1/4"-3/4"	NW 10,2-17,2	06-08	25,0	20,2	5,6	401000
34,0			10-15-20	34,0	27,5	6,0	401050
50,5	1"-1 1/2"	NW 21,3-33,7	25-32-40	50,5	43,5	7,0	401100
64,0	2"	NW 42,4-48,3	50	64,0	56,5	7,0	401150
77,5	2 1/2"	NW 60,3		77,5	70,5	7,0	401200
91,0	3"	NW 76,1	65	91,0	83,5	7,0	401250
106,0	3 1/2"	NW 88,9	80	106,0	97,0	7,0	401300
119,0	4"		100	119,0	110,0	9,0	401400
130,0		NW 114,3		130,0	122,0	9,0	401450
144,4	5"			144,4	134,4	10,0	401500
155,0		NW 139,7	125	155,0	146,0	10,0	401550
167,0	6"			167,0	156,5	10,0	401600
183,0		NW 168,3	150	183,0	174,0	10,0	401650
217,4	8"			217,4	207,4	10,0	401700
233,5	8 5/8"	NW 219,1	200	233,5	225,0	10,0	401750
268,0	10"		250	268,0	258,0	10,0	401800
286,1	10"s.5	NW 273,0		286,1	276,0	10,0	401850
319,0	12"		300	319,0	309,0	10,0	401900
338,0	12"s.5	NW 323,9		338,0	328,0	10,0	401950

AC-Clamp Type SH, DB- and SB-Execution



AC-Clamp Type SH, DB- and SB-Execution



Type DB = Doublebolt
2 Bolts



Type SB = Singlebolt
1 Bolt – 1 Hinge

AC-Clamp Type SH with Wing-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)

Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Working pressure in bar at 150° C	Working pressure in bar at 150° C	Maximum Test Pressure in bar at 20° C	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)	safety factor of 5	safety factor of 2				
25,0	06-08	08-10	1/4"-3/4"	20	50	100	150	SB	100000
34,0	10-15-20			20	50	100	170	SB	100100
50,5	25-32-40	15-20-25	1"-1 1/2"	20	50	100	250	SB	100200
64,0	50	32-40	2"	20	50	100	330	SB	100300
77,5		50	2 1/2"	20	50	100	380	SB	100400
91,0	65	65	3"	16	40	80	440	SB	100500
106,0	80	80	3 1/2"	16	40	80	440	SB	100600
119,0	100		4"	14	35	70	570	SB	100700
130,0		100	4 1/2"	12	30	60	600	SB	100900
144,4			5"	12	30	60	750	SB	100950
155,0	125	125	5 1/2"	12	30	60	1390	SB	101100
155,0	125	125	5 1/2"	12	30	60	1390	DB	101200
167,0			6"	12	30	60	1400	SB	101300
167,0			6"	12	30	60	1400	DB	101400
183,0	150	150	6 5/8"	10	25	50	1690	SB	101510
183,0	150	150	6 5/8"	10	25	50	1690	DB	101500
217,4			8"	8	20	40	2190	SB	101605
217,4			8"	8	20	40	2190	DB	101600
233,5	200	200	8 5/8"	8	20	40	2340	SB	101811
233,5	200	200	8 5/8"	8	20	40	2340	DB	101800
268,0	250		10"	6,4	16	32	2780	SB	101915
268,0	250		10"	6,4	16	32	2780	DB	101900
286,1		250	10"s.5	6,4	16	32	2970	SB	102005
286,1		250	10"s.5	6,4	16	32	2970	DB	102000
319,0	300		12"	4	10	20	3370	SB	102112
319,0	300		12"	4	10	20	3370	DB	102100
338,0		300	12"s.5	4	10	20	3690	SB	102212
338,0		300	12"s.5	4	10	20	3690	DB	102200



AC-Clamp Type SH with Hex-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)

Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Working pressure in bar at 150° C	Working pressure in bar at 150° C	Maximum Test Pressure in bar at 20° C	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)	safety factor of 5	safety factor of 2				
25,0	06-08	08-10	1/4"-3/4"	20	50	100	150	SBX	100010
34,0	10-15-20			20	50	100	170	SBX	100110
50,5	25-32-40	15-20-25	1"-1 1/2"	20	50	100	250	SBX	100210
64,0	50	32-40	2"	20	50	100	330	SBX	100310
77,5		50	2 1/2"	20	50	100	380	SBX	100410
91,0	65	65	3"	16	40	80	440	SBX	100510
106,0	80	80	3 1/2"	16	40	80	440	SBX	100610
119,0	100		4"	14	35	70	570	SBX	100710
130,0		100	4 1/2"	12	30	60	600	SBX	100910
144,4			5"	12	30	60	750	SBX	100960
155,0	125	125	5 1/2"	12	30	60	1390	SBX	101110
155,0	125	125	5 1/2"	12	30	60	1390	DBX	101201
167,0			6"	10	30	60	1400	SBX	101310
167,0			6"	10	30	60	1403	DBX	101410
183,0	150	150	6 5/8"	10	25	50	1690	SBX	101512
183,0	150	150	6 5/8"	10	25	50	1690	DBX	101509
217,4			8"	8	20	40	2190	SBX	101606
217,4			8"	8	20	40	2190	DBX	101610
233,5	200	200	8 5/8"	8	20	40	2340	SBX	101812
233,5	200	200	8 5/8"	8	20	40	2340	DBX	101810
268,0	250		10"	6	16	32	2780	SBX	101916
268,0	250		10"	6	16	32	2780	DBX	101910
286,1		250	10"s.5	4	16	32	2970	SBX	102006
286,1		250	10"s.5	4	16	32	2970	DBX	102010
319,0	300		12"	2	10	20	3370	SBX	102113
319,0	300		12"	2	10	20	3370	DBX	102110
338,0		300	12"s.5	2	10	20	3690	SBX	102213
338,0		300	12"s.5	2	10	20	3690	DBX	102210

AC-Clamp Type SH with Wing-Nut and TÜV-Approval

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)

Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	max. Test Pressure (bar)	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)					
25,0	06-08	08-10	1/4"-3/4"	20	10	150	SB	100002
34,0	10-15-20			20	10	170	SB	100102
50,5	25-32-40	15-20-25	1"-1 1/2"	20	10	250	SB	100202
64,0	50	32-40	2"	20	10	330	SB	100302
77,5		50	2 1/2"	20	10	380	SB	100402
91,0	65	65	3"	19	10	440	SB	100502
106,0	80	80	3 1/2"	17	10	440	SB	100602
119,0	100		4"	14	10	570	SB	100702
155,0	125	125	5 1/2"	12	10	1390	SB	101102
167,0			6"	10	10	1400	SB	101302
183,0	150	150	6 5/8"	10	10	1690	SB	101505
183,0	150	150	6 5/8"	10	10	1690	DB	101502
217,4			8"	10	10	2190	DB	101602
233,5	200	200	8 5/8"	10	10	2340	SB	101801
233,5	200	200	8 5/8"	10	10	2340	DB	101802



AC-Clamp Type SH with Hex-Nut and TÜV-Approval

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)
Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	max. Test Pressure (bar)	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)					
25,0	06-08	08-10	1/4"-3/4"	20	10	150	SBX	100004
34,0	10-15-20			20	10	170	SBX	100104
50,5	25-32-40	15-20-25	1"-1 1/2"	20	10	250	SBX	100204
64,0	50	32-40	2"	20	10	330	SBX	100304
77,5		50	2 1/2"	20	10	380	SBX	100404
91,0	65	65	3"	19	10	440	SBX	100506
106,0	80	80	3 1/2"	17	10	440	SBX	100604
119,0	100		4"	14	10	570	SBX	100706
155,0	125	125	5 1/2"	12	10	1390	SBX	101103
167,0			6"	10	10	1400	SBX	101303
183,0	150	150	6 5/8"	10	10	1690	SBX	101501
183,0	150	150	6 5/8"	10	10	1690	DBX	101504
217,4			8"	10	10	2190	SBX	101609
217,4			8"	10	10	2190	DBX	101604
233,5	200	200	8 5/8"	10	10	2340	SBX	101806
233,5	200	200	8 5/8"	10	10	2340	DBX	101804



AC-Clamp Type SH Safety



The 'gate' style section combined with the stepped eyebolt ensures that the clamps bolting mechanism cannot swing open whilst the clamping union is partly or fully assembled.



Releasing the clamp is only possible when the wing nut has been significantly loosened to enable the smaller diameter of the eyebolt to swing open and pass through the sectioned gate; this ensures the clamp cannot be knocked or accidentally opened. Complete wing nut removal is not necessary to open the clamp but the design guarantees that the eyebolt cannot swing open whilst the union is subjected to either clamping forces or internal pressure.



It is not possible to open the clamp by accident. Thus this clamp fulfils the safety requirements of numerous end-users in the chemical-, pharmaceutical- and food industry.

The clamps are available in all common sizes and can be supplied with TÜV-Approval on request.



AC-Clamp Type SH Safety with Wing-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)

Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Working pressure in bar at 150° C	Working pressure in bar at 150° C	Maximum Test Pressure in bar at 20° C	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)	safety factor of 5	safety factor of 2				
25,0	06-08	08-10	1/4"-3/4"	20	50	100	150	SB	100005
34,0	10-15-20			20	50	100	170	SB	100105
50,5	25-32-40	15-20-25	1"-1 1/2"	20	50	100	250	SB	100205
64,0	50	32-40	2"	20	50	100	330	SB	100305
77,5		50	2 1/2"	20	50	100	380	SB	100405
91,0	65	65	3"	16	40	80	440	SB	100505
106,0	80	80	3 1/2"	16	40	80	440	SB	100605
119,0	100		4"	14	35	70	570	SB	100705
130,0		100	4 1/2"	12	30	60	600	SB	100905
144,4			5"	12	30	60	750	SB	100955
155,0	125	125	5 1/2"	12	30	60	1390	SB	101105
167,0			6"	12	30	60	1400	SB	101305
183,0	150	150	6 5/8"	10	25	50	1690	SB	101515
217,4			8"	8	20	40	2190	SB	101615
233,5	200	200	8 5/8"	8	20	40	2340	SB	101815
268,0	250		10"	6,4	16	32	2780	SB	101920
286,1		250	10"s.5	6,4	16	32	2970	SB	102015
319,0	300		12"	4	10	20	3370	SB	102115
338,0		300	12"s.5	4	10	20	3690	SB	102215



AC-Clamp Type SH Safety with Hex-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)

Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Working pressure in bar at 150° C	Working pressure in bar at 150° C	Maximum Test Pressure in bar at 20° C	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)	safety factor of 5	safety factor of 2				
25,0	06-08	08-10	1/4"-3/4"	20	50	100	150	SBX	100006
34,0	10-15-20			20	50	100	170	SBX	100106
50,5	25-32-40	15-20-25	1"-1 1/2"	20	50	100	250	SBX	100206
64,0	50	32-40	2"	20	50	100	330	SBX	100306
77,5		50	2 1/2"	20	50	100	380	SBX	100406
91,0	65	65	3"	19	40	80	440	SBX	100507
106,0	80	80	3 1/2"	17	40	80	440	SBX	100606
119,0	100		4"	14	35	70	570	SBX	100707
130,0		100	4 1/2"	13	30	60	600	SBX	100908
144,4			5"	12	30	60	750	SBX	100956
155,0	125	125	5 1/2"	12	30	60	1390	SBX	101106
155,0	125	125	5 1/2"	12	30	60	1400	DBX	101207
167,0			6"	10	30	60	1403	SBX	101306
167,0			6"	10	30	60	1413	DBX	101317
183,0	150	150	6 5/8"	10	25	50	1690	SBX	101516
183,0	150	150	6 5/8"	10	25	50	1703	DBX	101507
217,4			8"	8	20	40	2190	SBX	101616
217,4			8"	8	20	40	2203	DBX	101617
233,5	200	200	8 5/8"	8	20	40	2340	SBX	101816
233,5			8 5/8"	8	20	40	2353	DBX	101807
268,0	250		10"	6	16	32	2780	SBX	101921
268,00	250		10"	6	16	32	2793	DBX	101917
286,1		250	10"s.5	4	16	32	2970	SBX	102016
286,1		250	10"s.5	4	16	32	2983	DBX	102017
319,0	300		12"	2	10	20	3370	SBX	102116
319,0	300		12"	2	10	20	3383	DBX	102117
338,0		300	12"s.5	2	10	20	3690	SBX	102216
338,0		300	12"s.5	2	10	20	3703	DBX	102207

AC-Clamp Type SH Safety with Wing-Nut, AD2000-A5 conform

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



AC-Clamp Type SH Safety with Hex-Nut, AD2000-A5 conform suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

For flange Ø in mm	Tube Sizes / Nom. Sizes			Working pressure in bar at 150° C	Working pressure in bar at 150° C	Maximum Test Pressure in bar at 20° C	weight (g)	Type	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)	safety factor of 5	safety factor of 2				
77,5		50	2½"	20	50	100	380	DBX	100408
91,0	65	65	3"	19	40	80	440	DBX	100508
106,0	80	80	3½"	17	40	80	440	DBX	100608
119,0	100		4"	14	35	70	570	DBX	100708
130,0		100	4½"	13	30	60	600	DBX	100907
144,4			5"	12	30	60	750	DBX	100968
155,0	125	125	5½"	12	30	60	1400	DBX	101207
167,0			6"	10	30	60	1413	DBX	101317
183,0	150	150	6⅝"	10	25	50	1703	DBX	101507
217,4			8"	8	20	40	2203	DBX	101617
233,5			8⅝"	8	20	40	2353	DBX	101807
268,00	250		10"	6	16	32	2793	DBX	101917
286,1		250	10"s.5	4	16	32	2983	DBX	102017
319,0	300		12"	2	10	20	3383	DBX	102117
338,0		300	12"s.5	2	10	20	3703	DBX	102207



AC-Clamp Type SH Safety with Wing-Nut and TÜV-Approval

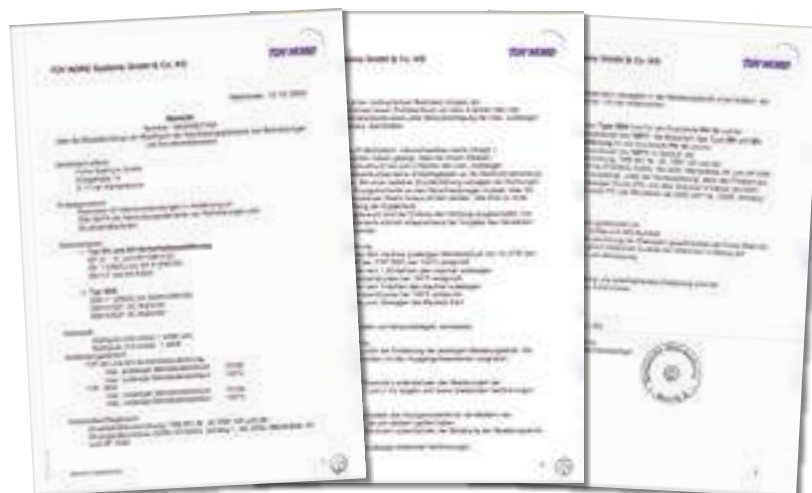
suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)

Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	max. Test Pressure (bar)	weight (g)	Type	Item-No.
	DIN 32676 sched. C / ISO 2852	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A					
25,0	06-08	08-10	1/4"-3/4"	20	10	150	SB	100003
34,0	10-15-20			20	10	170	SB	100103
50,5	25-32-40	15-20-25	1"-1 1/2"	20	10	250	SB	100203
64,0	50	32-40	2"	20	10	330	SB	100303
77,5		50	2 1/2"	20	10	380	SB	100403
91,0	65	65	3"	19	10	440	SB	100503
106,0	80	80	3 1/2"	17	10	440	SB	100603
119,0	100		4"	14	10	570	SB	100703
155,0	125	125	5 1/2"	12	10	1390	SB	101202
167,0			6"	10	10	1400	SB	101307
183,0	150	150	6 5/8"	10	10	1690	SB	101517
217,4			8"	10	10	2190	SB	101603
233,5	200	200	8 5/8"	10	10	2340	SB	101803



AC-Clamp Type SH Safety with Hex-Nut and TÜV-Approval

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard

Type SB = Singlebolt (1 Bolt – 1 Hinge)
Type DB = Doublebolt (2 Bolts)



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	max. Test Pressure (bar)	weight (g)	Type	Item-No.
	DIN 32676 sched. C / ISO 2852	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A					
25,0	06-08	08-10	1/4"-3/4"	20	10	150	SBX	100007
34,0	10-15-20			20	10	170	SBX	100108
50,5	25-32-40	15-20-25	1"-1 1/2"	20	10	250	SBX	100207
64,0	50	32-40	2"	20	10	330	SBX	100307
77,5		50	2 1/2"	20	10	380	SBX	100407
91,0	65	65	3"	19	10	440	SBX	100504
106,0	80	80	3 1/2"	17	10	440	SBX	100607
119,0	100		4"	14	10	570	SBX	100704
155,0	125	125	5 1/2"	12	10	1390	SBX	101203
167,0			6"	10	10	1400	SBX	101308
183,0	150	150	6 5/8"	10	10	1690	SBX	101518
217,4			8"	10	10	2190	SBX	101608
233,5	200	200	8 5/8"	10	10	2340	SBX	101805



AC-Clamp Type SSH with Stainless Steel Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. C / ISO 2852	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A			
25,0	06-08	08-10	1/4"-3/4"	75	160	103800
34,0	10-15-20			75	220	103900
50,5	25-40	15-20-25	1"-1 1/2"	75	660	104000
64,0	50	32-40	2"	55	820	104100
77,5		50	2 1/2"	50	940	104200
91,0	65	65	3"	45	1020	104300
106,0	80	80	3 1/2"	40	1070	104400
119,0	100		4"	40	1270	104500
130,0		100	4 1/2"	40	1330	104600
144,4			5"	35	1800	104700
155,0	125	125	5 1/2"	30	1760	104800
167,0			6"	30	1930	104900
183,0	150	150	6 5/8"	25	2110	105000
217,4			8"	20	2460	105100
233,5	200	200	8 5/8"	20	2520	105200
268,0			10"			
286,0			10 5/8"			
319,0			12"			
338,0			12 5/8"			

AC-Clamp Type SSH with Brass Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



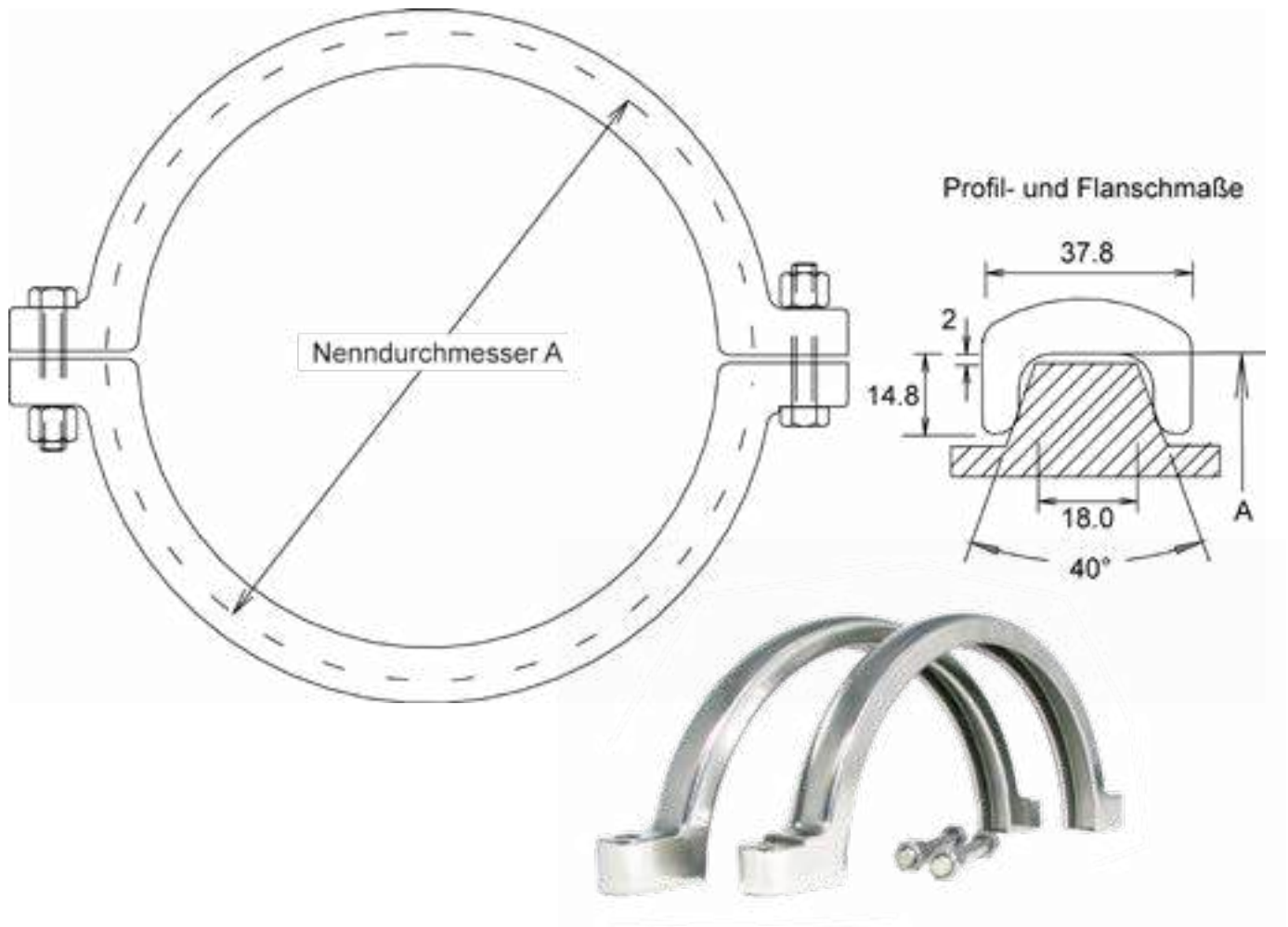
For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. C / ISO 2852	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A			
25,0	06-08	08-10	1/4"-3/4"	75	160	103805
34,0	10-15-20			75	220	103905
50,5	25-40	15-20-25	1"-1 1/2"	75	660	104005
64,0	50	32-40	2"	55	820	104105
77,5		50	2 1/2"	50	940	104205
91,0	65	65	3"	45	1020	104305
106,0	80	80	3 1/2"	40	1070	104405
119,0	100		4"	40	1270	104505
130,0		100	4 1/2"	40	1330	104605
144,4			5"	35	1800	auf Anfrage on request
155,0	125	125	5 1/2"	30	1760	104805
167,0			6"	30	1930	104905
183,0	150	150	6 5/8"	25	2110	105005
217,4			8"	20	2460	auf Anfrage on request
233,5	200	200	8 5/8"	20	2520	105205



AC-Clamp Type SSH cast Special Style DN 250 / 300 SRT

These V-Clamps are not conform to the flange-range to DIN 32676.

Please note the flange dimensions in the sketch.



Nom. Size	A (mm)	max. Test Pressure in bar	TÜV-Approval* for PN	max accepted Working temp.	Weight (g)	Item-No.
DN 250	288	80	16	150° C	4860	105302
DN 300	340	60	12	100° C	5460	105502
DN 300	340	50	10	150° C	5460	105502

Notes:

These V-Clamps are not conform to the flange-range to DIN 32676.

Please note the flange dimensions in the sketch as above.

After maximum high pressure loading and release the torque of the nuts needs to be checked to confirm correct torque values.

AC-Clamp Type S with Wing-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)			
25,0	06-08	08-10	1/4"-3/4"	15	130	103000
34,0	10-15-20			15	170	103100
50,5	25-32-40	15-20-25	1"-1 1/2"	15	210	103200
64,0	50	32-40	2"	15	250	103300
77,5		50	2 1/2"	15	350	103400
91,0	65	65	3"	10	420	103500
106,0	80	80	3 1/2"	10	440	103600
119,0	100		4"	10	510	103700
130,0		100	4 1/2"	5	600	103750
167,0			6"	3	880	103770



AC-Clamp Type S with Hex-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)			
25,0	06-08	08-10	1/4"-3/4"	15	130	103010
34,0	10-15-20			15	170	103110
50,5	25-32-40	15-20-25	1"-1 1/2"	15	210	103210
64,0	50	32-40	2"	15	250	103310
77,5		50	2 1/2"	15	350	103410
91,0	65	65	3"	10	420	103510
106,0	80	80	3 1/2"	10	440	103610
119,0	100		4"	10	510	103710
130,0		100	4 1/2"	5	600	103760
167,0			6"	3	880	103775

TEC-Clamp Type SP with Wing-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)			
50,5	25-32-40	15-20-25	1"-1½"	7	130	107000
64,0	50	32-40	2"	7	150	107100
77,5		50	2½"	6	160	107200
91,0	65	65	3"	6	180	107300
106,0	80	80	3½"	6	200	107400
119,0	100		4"	6	220	107500

TEC-Clamp Type SPX with Hexnut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)			
50,5	1"-1½"	15-20-25	25-32-40	7	130	107010
64,0	2"	32-40	50	7	150	107110
77,5	2½"	50		6	160	107210
91,0	3"	65	65	6	180	107310
106,0	3½"	80	80	6	200	107410
119,0	4"		100	6	220	107510

AC-Clamp Type ST with P-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 150° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. C / ISO 2852	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A			
50,5	25-32-40	15-20-25	1"-1½"	15	370	109000
64,0	50	32-40	2"	15	420	109050
77,5		50	2½"	15	490	109100
91,0	65	65	3"	10	620	109150
119,0	100		4"	10	750	109200

TEC-Clamp Type SX with Hexnut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			weight (g)	Item-No.
	DIN 32676 sched. C / ISO 2852	DIN 32676 sched. B / ISO 1127	DIN 32676 sched. A		
155,0	125	125	5½"	680	106000
167,0			6"	710	106100
183,0	150	150	6⅝"	745	106200
217,4			8"	750	106300
233,5	200	200	8⅝"	775	106400
268,0			10"	880	106500
286,1		250	10"s.5	890	106600
319,0	300		12"	930	106700
338,0		300	12"s.5	1010	106710

TEC-Clamp Type L13 with Toggle Lever

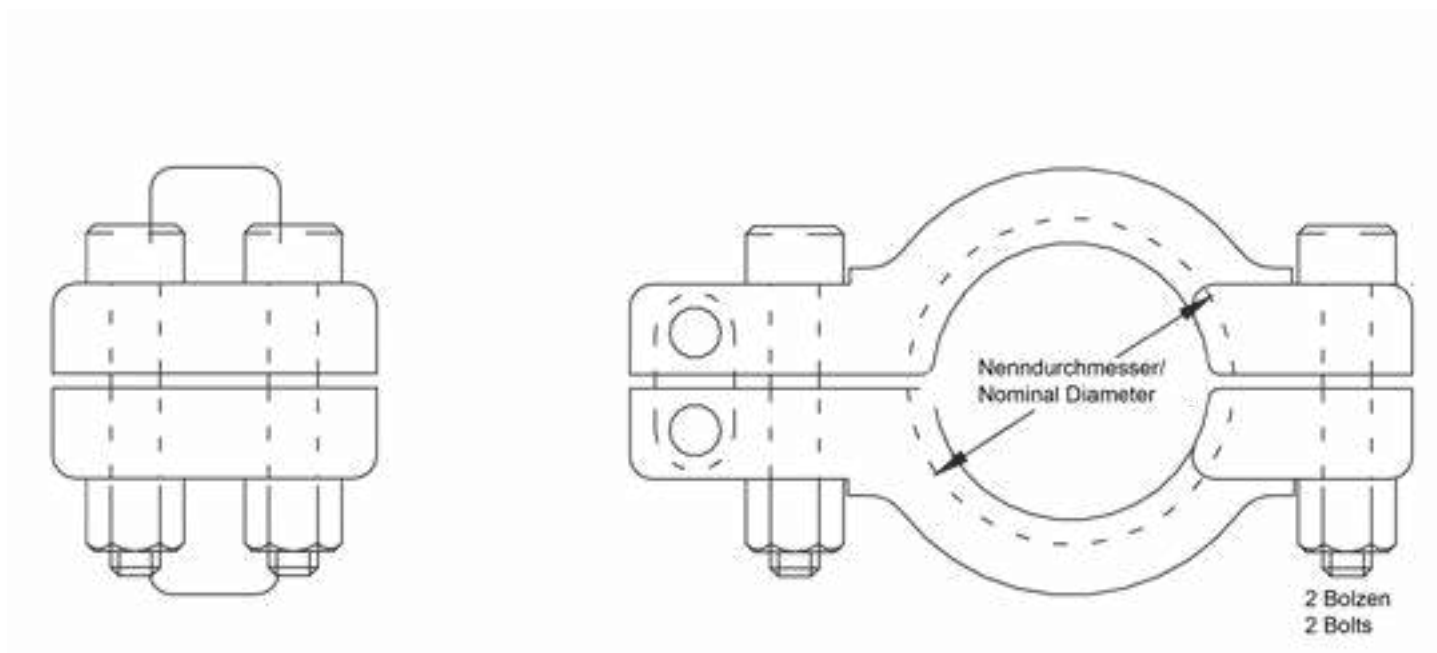
suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)		
106,0	80	80	3½"	465	201384
119,0	100		4"	495	201385
130,0		100	4½"	529	201386
155,0	125	125	5½"	561	200961
167,0			6"	592	200959
183,0	150	150	6⅝"	639	200137
217,4			8"	727	200129
233,5	200	200	8⅝"	748	200017
268,0	250		10"	882	201054
286,1		250	10"s.5	928	201057
319,0	300		12"	976	200333
338,0		300	12"s.5	1045	201189

AC-Clamp Type ASME VIII

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			Max Working Pressure @ 100° C (bar)	weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)			
50,5	25-32-40	15-20-25	1"-1½"		1800	110000
64,0	50	32-40	2"	80	1960	110050
91,0	65	65	3"		3200	110150
119,0	100		4"	50	3680	110250
167,0			6"	27	4700	110400
183,0	150	150	6⅝"	22,5	4980	110500
217,4			8"	16	5450	110600
268,0			10"	10	6300	110700
319,0			12"	7	7020	110800



AC-Clamp NY (Nylon Glass Reinforced)

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes / Nom. Sizes			weight (g)	Item-No.
	DIN 32676 sched. A	DIN 32676 sched. B (ISO 1127)	DIN 32676 sched. C (ISO 2852)		
25,0	06-08	08-10	1/4"-3/4"	24	111000
50,5	25-32-40	15-20-25	1"-1 1/2"	59	111100
64,0	50	32-40	2"	66	111150
77,5		50	2 1/2"	76	111200
91,0	65	65	3"	83	111250
119,0	100		4"	105	111350
167,0			6"	262	111550
217,4			8"	335	111650

About the clamp:

The Pharma-Clamp® is made from glass filled nylon. This material is extremely strong and is stable during heat exposure and mechanical load. Traditional non metallic clamps for single use systems (SUS) are executed with a wing-nut. Operators who are putting Single Use Systems together often complain about the number of wing nuts they have to assemble. It is time consuming and can lead to repetitive strain injury (RSI).

Our Pharma-Clamp® is easy to use because there is only one way to close it, no adjustments possible. Because of this over-compression and destruction of the gasket is prevented. The Pharma-Clamp® cannot be installed incorrectly, when closed it can take 10 bars pressure without any problem.

A locking device prevents unwanted opening of the clamp. A tie-wrap or some other device can be installed.

Material:

ULTRAMID® (BASF) Glass filled Nylon 66, Compound number CMD-1057

Temperature range -20°C to 150°C

Color: White

Maximum Gamma Irradiation 50kGy

Pharma-Clamp® Compliance:

Meets: EC 10/2011

Meets: FDA

Certified TSE/BSE (ADIF) free (EME/410/01)

Available sizes:

The Pharma-Clamp® is at the moment available for Tri-Clamp flange sizes 25 mm, 50.5 mm, 64 mm and 119 mm.

Pharma-Clamp® is a registered trademark



EPDM Clamp-Gaskets



Material Characteristics:

- Ethylene-Propylene-Dien-Monomer rubber
- good ageing- weather- UV- and ozone resistance
- EPDM is resistant to swelling in hot water, Steam, acids and bases; it tends to swell in mineral oil, fat and petrol
- Not resistant to mineraloil products
- Generally conform to FDA and USP CLASS VI
- Certificates are available f.o.c
- Temperature range: -30°C to 140°C



EPDM Clamp-Gaskets

DIN 32676

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,2	499900	
DN 08	22,0	≥ 8,2	499950	
DN 10	34,0	≥ 10,2	500000	
DN 10	50,5	≥ 10,2	500020	
DN 15	34,0	≥ 16,2	500050	
DN 15	50,5	≥ 16,2	500070	
DN 20	34,0	≥ 20,2	500100	
DN 20	50,5	≥ 20,2	500120	
DN 25	50,5	≥ 26,2	500150	
DN 32	50,5	≥ 32,2	500200	
DN 40	50,5	≥ 38,2	500250	
DN 50	64,0	≥ 50,2	500300	
DN 65	91,0	≥ 66,2	500350	
DN 80	106,0	≥ 81,2	500400	
DN 100	119,0	≥ 100,2	500450	
DN 125	155,0	≥ 125,2	500500	
DN 150	183,0	≥ 150,2	500550	
DN 200	233,5	≥ 200,2	500600	
DN 250 (10")	268,0	≥ 250,2	510835	
DN 300 (12")	319,0	≥ 300,2	510900	

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
10,2	22,0	≥ 7,2	512950
13,5	22,0	≥ 10,5	513000
17,2	22,0	≥ 14,2	513050
21,3	50,5	≥ 18,3	513100
26,9	50,5	≥ 23,9	513160
33,7	50,5	≥ 29,9	513200
42,4	64,0	≥ 38,6	513250
48,3	64,0	≥ 44,5	513300
60,3	77,5	≥ 56,5	513350
76,1	91,0	≥ 72,3	513400
88,9	106,0	≥ 84,5	513450
114,3	130,0	≥ 109,9	513500
139,7	155,0	≥ 134,7	513550
168,3	183,0	≥ 163,3	510650
219,1	233,5	≥ 214,1	510750

DIN 32676		sched. C	Item-No.
Nom.- Size	C mm	A mm	
1/4"	22,0	≥ 4,8	509990
3/8"	22,0	≥ 8,0	509995
1/2"	22,0	≥ 9,6	510000
3/4"	22,0	≥ 16,0	510050
1"	50,5	≥ 22,3	510100
1½"	50,5	≥ 35,0	510150
2"	64,0	≥ 47,7	510200
2½"	77,5	≥ 60,4	510250
3"	91,0	≥ 73,1	510300
4"	119,0	≥ 97,6	510400
6"	167,0	≥147,1	510601



EPDM Clamp-Gaskets

Other Sizes

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,5	513001
13,5	50,5*	≥ 10,5	513002
17,2	25,0*	≥ 14,2	515050
17,2	34,0*	≥ 14,2	513051
17,2	50,5*	≥ 14,2	513052
21,3	34,0*	≥ 18,3	513101
26,9	50,5	≥ 23,1	513150
33,7	50,5	≥ 30,7	513203
42,4	50,5*	≥ 38,6	513252
273,0	286,1	≥ 268,0	513700
323,9	338,0	≥ 318,9	513750

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	510350
5"	144,4	≥ 125,2	510500
6"metr	167,0	≥ 150,2	510600
6,625"	183,0	≥ 163,3	510650
8"metr	217,4	≥ 200,2	510700
8" US	217,4	≥ 198,0	510720
10"metr (DN 250)	268,0	≥ 250,2	510800
10" US	268,0	≥ 247,4	510835
10"s.5	286,1	≥ 268,0	510850
12" (DN 300)	319,0	≥ 300,2	510900
12"s.5	338,0	≥ 316,1	510950

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,2	513800
DN 08	22,0	≥ 6,2	499900
DN 10	22,0	≥ 8,2	499950
DN 12	22,0	≥ 10,2	513950
DN 14	22,0	≥ 12,2	514000
DN 16	22,0	≥ 14,2	513050
DN 18	22,0	≥ 16,2	514100

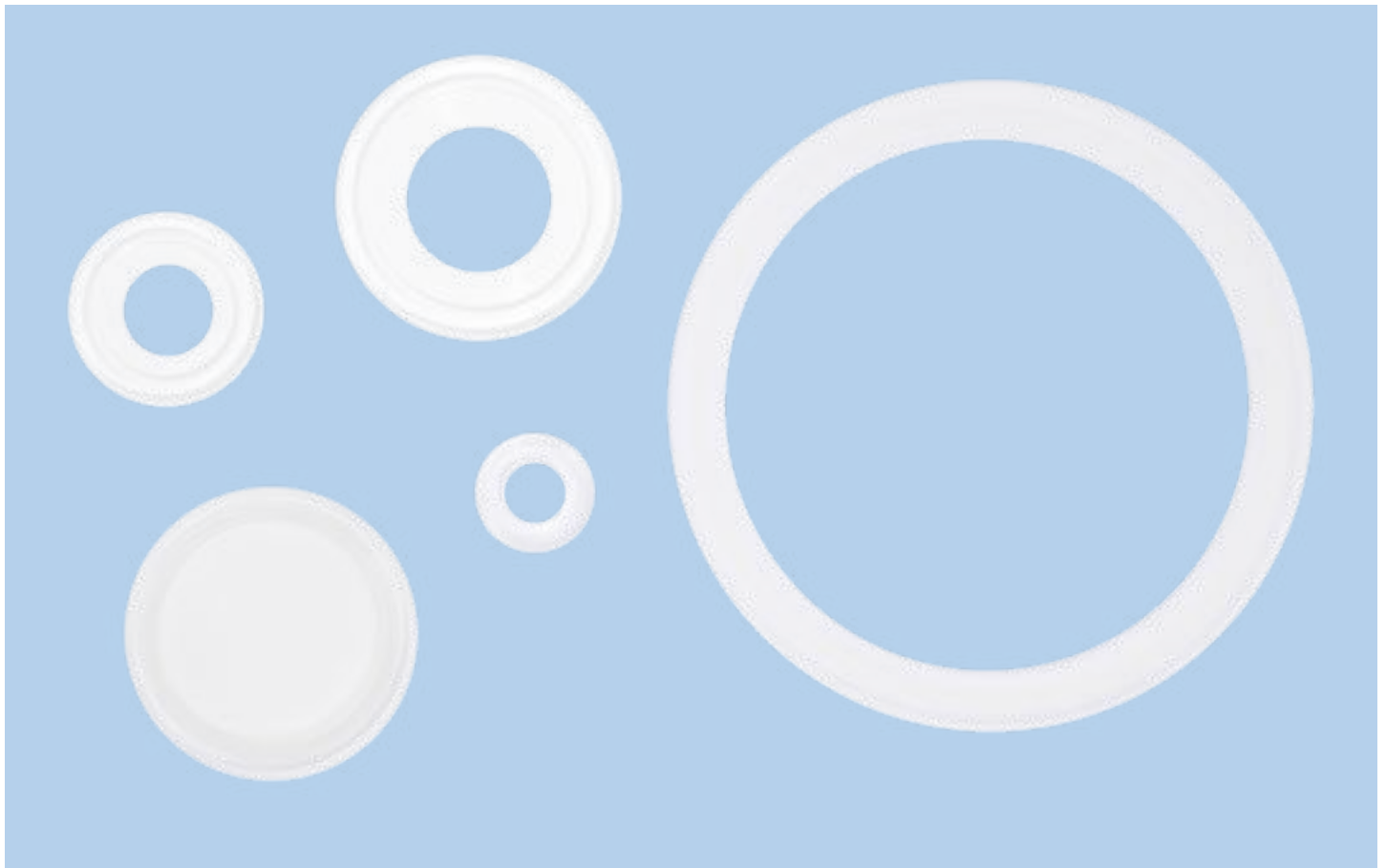
Blind Gasket		Item-No.
Nom.-Size	C mm	
22,0	22,0	518090
34,0	34,0	518095
50,5	50,5	519000
64,0	64,0	519001
77,5	77,5	519002
91,0	91,0	519003
106,0	106,0	519004
119,0	119,0	519006
130,0	130,0	519007



SILICONE Clamp-Gaskets

Material Characteristics:

- Silicone
- taste- and flavour free, physiological and toxical nonhazardous
- ideal for Food-, pharma, cosmetic and medicine-technology
- Generally conform to FDA.
- Available in USP VI quality for several sizes.
- Certificates are available f.o.c
- Temperature range: -40°C to 200°C



SILICONE TRANSLUCENT Clamp-Gaskets

DIN 32676 - Execution: Peroxide cured

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,2	501900	
DN 08	22,0	≥ 8,2	501950	
DN 10	34,0	≥ 10,2	502003	
DN 15	34,0	≥ 16,2	502053	
DN 20	34,0	≥ 20,2	502103	
DN 25	50,5	≥ 26,2	502153	
DN 32	50,5	≥ 32,2	502203	
DN 40	50,5	≥ 38,2	502253	
DN 50	64,0	≥ 50,2	502303	
DN 65	91,0	≥ 66,2	502353	
DN 80	106,0	≥ 81,2	502403	
DN 100	119,0	≥ 100,2	502453	
DN 125	155,0	≥ 125,2	502500	
DN 150	183,0	≥ 150,2	502550	
DN 200	233,5	≥ 200,2	502600	
DN 250 (10")	268,0	≥ 250,2	508810	
DN 300 (12")	319,0	≥ 300,2	508905	

DIN 32676		sched. B		Item-No.
Nom.- Size	C mm	A mm		
13,5	22,0	≥ 10,5	515010	
17,2	22,0	≥ 14,2	515050	
21,3	50,5	≥ 18,3	515100	
26,9	50,5	≥ 23,9	515152	
33,7	50,5	≥ 29,9	515205	
42,4	64,0	≥ 38,6	515250	
48,3	64,0	≥ 44,5	515300	
60,3	77,5	≥ 56,5	515350	
76,1	91,0	≥ 72,3	515400	
88,9	106,0	≥ 84,5	515460	
114,3	130,0	≥ 109,9	515510	
139,7	155,0	≥ 134,7	515555	
168,3	183,0	≥ 163,3	508652	
219,1	233,5	≥ 214,1	508750	

DIN 32676		sched. C	Item-No.
Nom.- Size	C mm	A mm	
1/4"	22,0	≥ 4,8	507991
3/8"	22,0	≥ 8,0	507995
1/2"	22,0	≥ 9,6	508010
3/4"	22,0	≥ 16,0	508060
1"	50,5	≥ 22,3	508103
1½"	50,5	≥ 35,0	508151
2"	64,0	≥ 47,7	508202
2½"	77,5	≥ 60,4	508252
3"	91,0	≥ 73,1	508303
4"	119,0	≥ 97,6	508402
6"	167,0	≥147,1	508622



SILICONE TRANSLUCENT Clamp-Gaskets

Other Sizes - Execution: Peroxide cured

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,5	515011
13,5	50,5*	≥ 10,5	515004
17,2	34,0*	≥ 14,2	515065
17,2	50,5*	≥ 14,2	515054
21,3	34,0*	≥ 18,3	515115
42,4	50,5*	≥ 38,6	515260
329,9	338,0	≥ 318,9	515750

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	508352
6"metr	167,0	≥ 150,2	508610
8"metr	217,4	≥ 200,2	508705
8" US	217,4	≥ 198,0	508720
10"metr (DN 250)	268,0	≥ 250,2	508810
10" US	268,0	≥ 247,4	508820
10"s.5	286,1	≥ 268,0	508853
12" (DN 300)	319,0	≥ 300,2	508905
12" (US)	319,0	≥ 298,0	508920
12"s.5	338,0	≥ 316,1	508950

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,2	516005
DN 08	22,0	≥ 6,2	501900
DN 10	22,0	≥ 8,2	501950
DN 12	22,0	≥ 10,2	516035
DN 14	22,0	≥ 12,2	516040
DN 16	22,0	≥ 14,2	515050
DN 18	22,0	≥ 16,2	516047

Blind Gasket		Item-No.
Nom.-Size	C mm	
22,0	22,0	515880
34,0	34,0	515890
50,5	50,5	515900
64,0	64,0	515910
77,5	77,5	515920
91,0	91,0	515930
106,0	106,0	515940
119,0	119,0	515950
130,0	130,0	515960

SILICONE TRANSLUCENT Clamp-Gaskets

DIN 32676 - Execution: Platinum cured

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,2	501905	
DN 08	22,0	≥ 8,2	501955	
DN 10	34,0	≥ 10,2	502005	
DN 15	34,0	≥ 16,2	502055	
DN 20	34,0	≥ 20,2	502105	
DN 25	50,5	≥ 26,2	502155	
DN 32	50,5	≥ 32,2	502205	
DN 40	50,5	≥ 38,2	502255	
DN 50	64,0	≥ 50,2	502305	
DN 65	91,0	≥ 66,2	502355	
DN 80	106,0	≥ 81,2	502405	
DN 100	119,0	≥ 100,2	502455	
DN 125	155,0	≥ 125,2	502505	
DN 150	183,0	≥ 150,2	502555	
DN 200	233,5	≥ 200,2	502605	
DN 250 (10")	268,0	≥ 250,2	auf Anfrage on request	
DN 300 (12")	319,0	≥ 300,2	auf Anfrage on request	

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
13,5	22,0	≥ 10,5	auf Anfrage on request
17,2	22,0	≥ 14,2	auf Anfrage on request
21,3	50,5	≥ 18,3	515105
26,9	50,5	≥ 23,9	515155
33,7	50,5	≥ 29,9	515210
42,4	64,0	≥ 38,6	515255
48,3	64,0	≥ 44,5	515305
60,3	77,5	≥ 56,5	515355
76,1	91,0	≥ 72,3	515405
88,9	106,0	≥ 84,5	515465
114,3	130,0	≥ 109,9	515515
139,7	155,0	≥ 134,7	515565
168,3	183,0	≥ 163,3	508655
219,1	233,5	≥ 214,1	508755

DIN 32676		sched. C	Item-No.
Nom.- Size	C mm	A mm	
1/4"	22,0	≥ 4,8	auf Anfrage on request
3/8"	22,0	≥ 8,0	auf Anfrage on request
1/2"	22,0	≥ 9,6	508015
3/4"	22,0	≥ 16,0	508065
1"	50,5	≥ 22,3	508105
1½"	50,5	≥ 35,0	508155
2"	64,0	≥ 47,7	508205
2½"	77,5	≥ 60,4	508255
3"	91,0	≥ 73,1	508305
4"	119,0	≥ 97,6	508405
6"	167,0	≥147,1	508625



SILICONE TRANSLUCENT Clamp-Gaskets

Other Sizes - Execution: Platinum cured

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,5	auf Anfrage on request
13,5	50,5*	≥ 10,5	auf Anfrage on request
17,2	34,0*	≥ 14,2	auf Anfrage on request
17,2	50,5*	≥ 14,2	auf Anfrage on request
21,3	34,0*	≥ 18,3	515125
42,4	50,5*	≥ 38,6	auf Anfrage on request
323,9	338,0	≥ 318,9	auf Anfrage on request

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	auf Anfrage on request
6"metr	167,0	≥ 150,2	auf Anfrage on request
8"metr	217,4	≥ 200,2	auf Anfrage on request
8" US	217,4	≥ 198,0	auf Anfrage on request
10"metr (DN 250)	268,0	≥ 250,2	auf Anfrage on request
10" US	268,0	≥ 247,4	auf Anfrage on request
10"s.5	286,1	≥ 268,0	auf Anfrage on request
12" (DN 300)	319,0	≥ 300,2	auf Anfrage on request
12"s.5	338,0	≥ 316,1	508950

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,2	auf Anfrage on request
DN 08	22,0	≥ 6,2	501905
DN 10	22,0	≥ 8,2	501955
DN 12	22,0	≥ 10,2	auf Anfrage on request
DN 14	22,0	≥ 12,2	auf Anfrage on request
DN 16	22,0	≥ 14,2	auf Anfrage on request
DN 18	22,0	≥ 16,0	508065

SILICONE WHITE Clamp-Gaskets

DIN 32676 - Execution: Peroxide cured

DIN 32676		sched. A	Item-No.
Nom.-Size	C mm	A mm	
DN 10	34,0	≥ 10,2	502000
DN 15	34,0	≥ 16,2	502050
DN 20	34,0	≥ 20,2	502100
DN 25	50,5	≥ 26,2	502150
DN 32	50,5	≥ 32,2	502200
DN 40	50,5	≥ 38,2	502250
DN 50	64,0	≥ 50,2	502300
DN 65	91,0	≥ 66,2	502350
DN 80	106,0	≥ 81,2	502400
DN 100	119,0	≥ 100,2	502450
DN 250 (10")	268,0	≥ 250,2	508800
DN 300 (12")	319,0	≥ 300,2	508900

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
13,5	22,0	≥ 10,5	515000
26,9	50,5	≥ 23,9	515160
33,7	50,5	≥ 29,9	515200
76,1	91,0	≥ 72,3	515402
88,9	106,0	≥ 84,5	515450
114,3	130,0	≥ 109,9	515500
139,7	155,0	≥ 134,7	515550
168,3	183,0	≥ 163,3	508650
219,1	233,5	≥ 214,1	508753

DIN 32676		sched. C	Item-No.
Nom.-Size	C mm	A mm	
1/2"	22,0	≥ 9,6	508000
3/4"	22,0	≥ 16,0	508050
1"	50,5	≥ 22,3	508100
1½"	50,5	≥ 35,0	508150
2"	64,0	≥ 47,7	508200
2½"	77,5	≥ 60,4	508250
3"	91,0	≥ 73,1	508300
4"	119,0	≥ 97,6	508400
6"	167,0	≥ 147,1	508620



SILICONE WHITE Clamp-Gaskets

Other Sizes - Execution: Peroxide cured

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,5	515001
26,9	50,5	≥ 23,1*	515160
42,4	50,5*	≥ 38,6	515252
273,0	286,1	≥ 268,0	515700

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	508350
5"	144,4	≥ 123,2	508500
6"	167,0	≥ 150,2	508600
8"	217,4	≥ 200,2	508700
10" (DN 250)	268,0	≥ 250,2	508800
10" US	268,0	≥ 247,4	508820
10"s.5	286,1	≥ 268,0	508850
12" (DN 300)	319,0	≥ 300,2	508900

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 12	22,0	≥ 10,2	516030
DN 18	22,0	≥ 16,2	516044

NBR Clamp-Gaskets

Material Characteristics:

- NBR
- very good resistance to Mineral Oil, Organic Oils and fats, Petrol Butan, Propan, Methan, Ethan and Hot Water
- Abrasion proof
- Low electrostatic charging
- Generally conform to FDA.
- Certificates are available f.o.c
- Temperature range: -20°C to 70°C (fluid) 90°C (gas)



DIN 32676		sched. A	Item-No.
Nom.-Size	C mm	A mm	
DN 10	34,0	≥ 10,2	505000
DN 15	34,0	≥ 16,2	505050
DN 20	34,0	≥ 20,2	505100
DN 25	50,5	≥ 26,2	505150
DN 32	50,5	≥ 32,2	505200
DN 40	50,5	≥ 38,2	505250
DN 50	64,0	≥ 50,2	505300
DN 65	91,0	≥ 66,2	505350
DN 80	106,0	≥ 81,2	505400
DN 100	119,0	≥ 100,2	505450
DN 125	155,0	≥ 125,2	505500
DN 150	183,0	≥ 150,2	505550
DN 200	233,5	≥ 200,2	505600
DN 250 (10")	268,0	≥ 200,2	506850

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
26,9	50,5	≥ 23,9	525150
33,7	50,5	≥ 29,9	525200
42,4	50,5	≥ 38,4	525252
48,3	64,0	≥ 44,3	525300
60,3	77,5	≥ 56,3	525350
76,1	91,0	≥ 72,3	525400
88,9	106,0	≥ 84,5	525450
139,7	155,0	≥ 134,7	525550
168,3	183,0	≥ 163,3	506650
219,1	233,5	≥ 214,1	506700

DIN 32676		sched. C	Item-No.
Nom.-Size	C mm	A mm	
1/4"	22,0	≥ 4,8	506000
3/8"	22,0	≥ 8,0	506005
1/2"	22,0	≥ 9,6	506010
3/4"	22,0	≥ 16,0	506050
1"	50,5	≥ 22,3	506100
1½"	50,5	≥ 35,0	506150
2"	64,0	≥ 47,7	506200
2½"	77,5	≥ 60,4	506250
3"	91,0	≥ 73,1	506300
4"	119,0	≥ 97,6	506400
6"	167,0	≥ 147,1	506601
10" (DN 250)	268,0	≥ 250,0	506850



FKM Clamp-Gaskets

Material Characteristics:

- Fluor-Kautschuk Monomere
- Very resistant to temperature and ageing
- very good resistance to Ozone, Oxygen, Mineral Oil, Synthetic Oils, Petrol and Organic Solvents
- Generally conform to FDA.
- Available in USP VI quality for several sizes.
- Certificates are available f.o.c
- Temperature range: -20°C to 200°C



FKM Clamp-Gaskets

DIN 32676

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,2	502900	
DN 08	22,0	≥ 8,2	502950	
DN 10	34,0	≥ 10,2	503000	
DN 15	34,0	≥ 16,2	503050	
DN 20	34,0	≥ 20,2	503100	
DN 25	50,5	≥ 26,2	503150	
DN 32	50,5	≥ 32,2	503200	
DN 40	50,5	≥ 38,2	503250	
DN 50	64,0	≥ 50,2	503300	
DN 65	91,0	≥ 66,2	503350	
DN 80	106,0	≥ 81,2	503400	
DN 100	119,0	≥ 100,2	503450	
DN 125	155,0	≥ 125,2	503505	
DN 150	183,0	≥ 150,2	503555	
DN 200	233,5	≥ 200,2	503605	
DN 250 (10")	268,0	≥ 250,2	570800	
DN 300 (12")	319,0	≥ 300,2	507900	

DIN 32676		sched. B		Item-No.
Nom.- Size	C mm	A mm		
13,5	22,0	≥ 10,5	516045	
17,2	22,0	≥ 14,2	516050	
21,3	50,5	≥ 18,3	516100	
26,9	50,5	≥ 23,9	516160	
33,7	50,5	≥ 29,9	516200	
42,4	64,0	≥ 38,6	516250	
48,3	64,0	≥ 44,5	516300	
60,3	77,5	≥ 56,5	516350	
76,1	91,0	≥ 72,3	516400	
88,9	106,0	≥ 84,5	516450	
114,3	130,0	≥ 109,9	516500	
139,7	155,0	≥ 134,7	516555	
168,3	183,0	≥ 163,3	507652	
219,1	233,5	≥ 214,1	507752	

DIN 32676		sched. C	Item-No.
Nom.- Size	C mm	A mm	
1/4"	22,0	≥ 4,8	506990
3/8"	22,0	≥ 8,0	506995
1/2"	22,0	≥ 9,6	507000
3/4"	22,0	≥ 16,0	507050
1"	50,5	≥ 22,3	507100
1½"	50,5	≥ 35,0	507150
2"	64,0	≥ 47,7	507200
2½"	77,5	≥ 60,4	507250
3"	91,0	≥ 73,1	507300
4"	119,0	≥ 97,6	507400
6"	167,0	≥ 97,6	507620



Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,5	516046
17,2	34,0*	≥ 14,2	516051
21,3	34,0*	≥ 18,3	516101
21,3	50,5*	≥ 18,3	516100
26,9	50,5	≥ 23,1	516150
42,4	50,5*	≥ 38,6	516252

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	507350
5"	144,4	≥ 125,2	507500
6"metr	167,0	≥ 150,2	507600
8"metr	217,4	≥ 200,2	507700
10"metr (DN 250)	268,0	≥ 250,2	507800
10"s.5	286,1	≥ 268,0	507850
12" (DN 300)	319,0	≥ 300,2	507900
12"s.5	338,0	≥ 316,1	507950

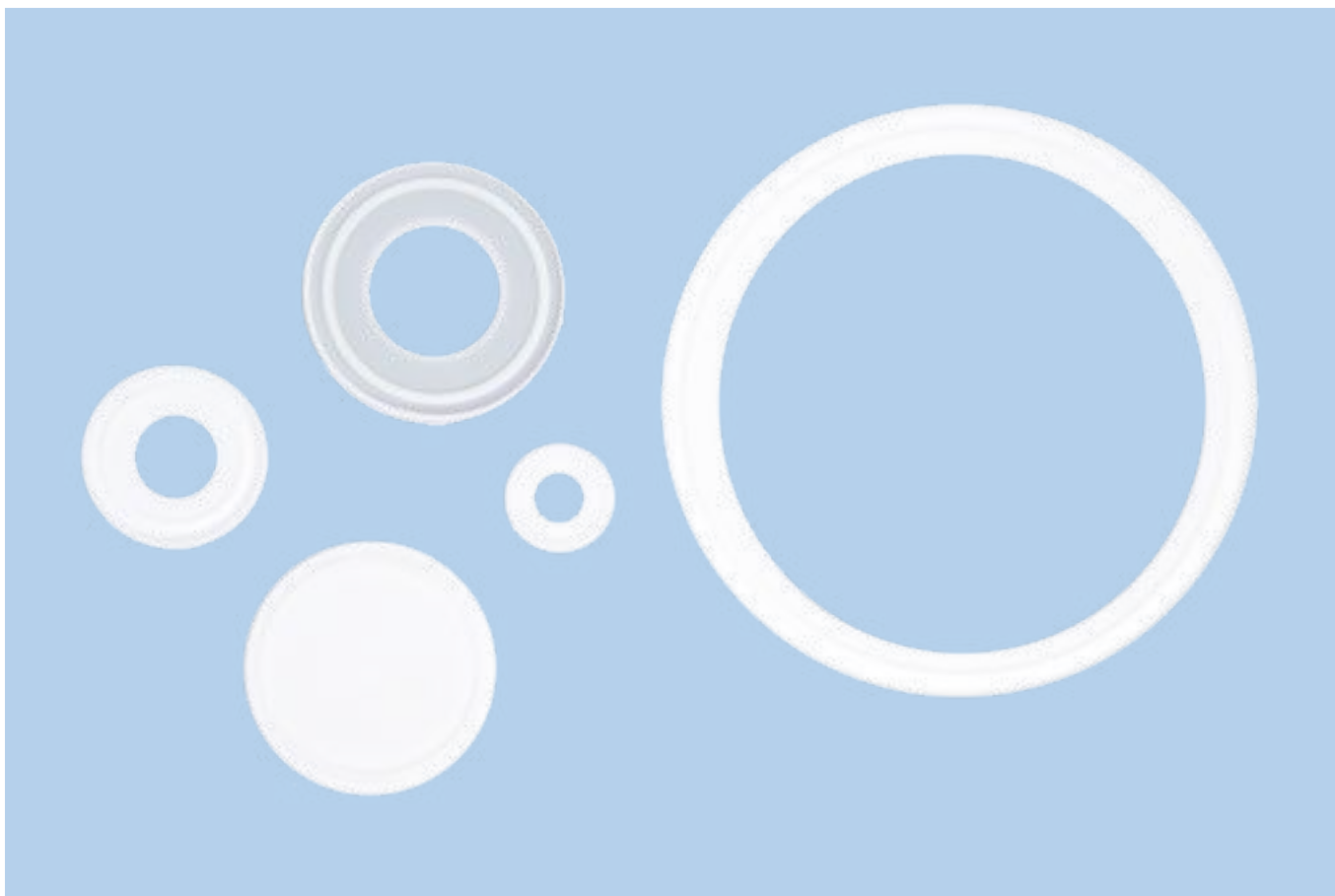
Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,2	516800
DN 08	22,0	≥ 6,2	502900
DN 10	22,0	≥ 8,2	502950
DN 12	22,0	≥ 10,2	516860
DN 14	22,0	≥ 12,2	516880
DN 16	22,0	≥ 14,2	516050
DN 18	22,0	≥ 16,2	516920

Blind Gasket		Item-No.
Nom.-Size	C mm	
22,0	22,0	516940
34,0	34,0	516945
50,5	50,5	516950
64,0	64,0	516955
77,5	77,5	516960
91,0	91,0	516965
119,0	119,0	516975
130,0	130,0	516980

PTFE Clamp-Gaskets (White)

Material Characteristics:

- Polytetrafluorethylene
- Excellent chemical resistance
- Best available non-adhesive properties
- combination with fillers minimizes the tendency to cold flow
- Generally conform to FDA and USP VI
- Certificates are available f.o.c
- Temperature range:
 - 200°C bis ca. 260°C for PTFE-solid
 - 25°C bis ca. 200°C for PTFE with FKM-filler



PTFE Clamp-Gaskets (White)



PTFE Solid Clamp-Gaskets

DIN 32676

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,0	500900	
DN 08	22,0	≥ 8,0	500950	
DN 10	34,0	≥ 10,0	501000	
DN 15	34,0	≥ 16,0	501050	
DN 20	34,0	≥ 20,0	501100	
DN 25	50,5	≥ 26,0	501150	
DN 32	50,5	≥ 32,0	501200	
DN 40	50,5	≥ 38,0	501250	
DN 50	64,0	≥ 50,0	501300	
DN 65	91,0	≥ 66,0	501350	
DN 80	106,0	≥ 81,0	501400	
DN 100	119,0	≥ 100,0	501450	
DN 125	155,0	≥ 125,0	501500	
DN 150	183,0	≥ 150,0	501550	
DN 200	233,5	≥ 200,0	501600	
DN 250 (10")	268,0	≥ 250,0	509800	
DN 300 (12")	319,0	≥ 250,0	509900	

DIN 32676		sched. B	Item-No.
Nom.- Size	C mm	A mm	
13,5	22,0	≥ 10,3	518000
17,2	22,0	≥ 14,0	518050
21,3	50,5	≥ 18,1	518160
26,9	50,5	≥ 23,7	518160
33,7	50,5	≥ 29,7	518200
42,4	64,0	≥ 38,4	518250
48,3	64,0	≥ 44,3	518300
60,3	77,5	≥ 56,3	518350
76,1	91,0	≥ 72,1	518400
88,9	106,0	≥ 84,3	518450
114,3	130,0	≥ 109,7	518500
139,7	155,0	≥ 134,5	518550
168,3	183,0	≥ 163,1	509650
219,1	233,5	≥ 213,9	509750

DIN 32676		sched. C	Item-No.
Nom.- Size	C mm	A mm	
1/4"	22,0	≥ 4,57	508990
3/8"	22,0	≥ 7,75	508995
1/2"	22,0	≥ 9,4	509000
3/4"	22,0	≥ 15,75	509050
1"	50,5	≥ 22,1	509100
1½"	50,5	≥ 34,8	509150
2"	64,0	≥ 47,5	509200
2½"	77,5	≥ 60,2	509250
3"	91,0	≥ 72,9	509300
4"	119,0	≥ 97,38	509400
6"	167,0	≥146,86	509603



PTFE Solid Clamp-Gaskets

Other Sizes

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,3	518001
13,5	50,5*	≥ 10,3	518002
17,2	34,0*	≥ 14,0	518051
17,2	50,5*	≥ 14,0	518052
21,3	34,0*	≥ 18,1	518101
42,4	50,5*	≥ 38,4	518252
273,0	286,1	≥ 267,8	518600
323,9	338,0	≥ 318,7	518750

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 84,9	509350
5"	144,4	≥ 123,0	509500
6"metr	167,0	≥ 150,0	509600
8"metr	217,4	≥ 200,0	509700
8" US	217,4	≥ 197,66	509705
10"metr (DN 250)	268,0	≥ 250,0	509800
10"s.5	286,1	≥ 266,3	509850
12" (DN 300)	319,0	≥ 300,0	509900
12"s.5	338,0	≥ 315,8	509950

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,0	526000
DN 08	22,0	≥ 6,0	500900
DN 10	22,0	≥ 8,0	500950
DN 12	22,0	≥ 10,0	526150
DN 14	22,0	≥ 12,0	526200
DN 16	22,0	≥ 14,0	518050
DN 18	22,0	≥ 16,0	526300

Blind Gasket		Item-No.
Nom.-Size	C mm	
25,0	25,0	518899
34,0	34,0	518900
50,5	50,5	518901
64,0	64,0	518902
77,5	77,5	518903
91,0	91,0	518904
106,0	106,0	518905
119,0	119,0	518906
130,0	130,0	518909

PTFE Clamp-Gaskets with FKM-Filler (enveloped)

DIN 32676

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,0	503900	
DN 08	22,0	≥ 8,0	503950	
DN 10	34,0	≥ 10,0	504000	
DN 10	50,5	≥ 10,0	504005	
DN 15	34,0	≥ 16,0	504050	
DN 20	34,0	≥ 20,0	504100	
DN 25	50,5	≥ 26,0	504150	
DN 32	50,5	≥ 32,0	504200	
DN 40	50,5	≥ 38,0	504250	
DN 50	64,0	≥ 50,0	504300	
DN 65	91,0	≥ 66,0	504350	
DN 80	106,0	≥ 81,0	504400	
DN 100	119,0	≥ 100,0	504450	
DN 125	155,0	≥ 125,0	504500	
DN 150	183,0	≥ 150,0	504550	
DN 200	233,5	≥ 200,0	504600	
DN 250 (10")	268,0	≥ 250,0	511800	
DN 300 (12")	319,0	≥ 300,0	511900	

DIN 32676		sched. B		Item-No.
Nom.- Size	C mm	A mm		
13,5	22,0	≥ 10,5	517000	
17,2	22,0	≥ 14,2	517050	
21,3	50,5	≥ 18,3	517100	
26,9	50,5	≥ 23,9	517160	
33,7	50,5	≥ 29,9	517200	
42,4	64,0	≥ 38,6	517250	
48,3	64,0	≥ 44,5	517300	
60,3	77,5	≥ 56,5	517350	
76,1	91,0	≥ 72,3	517400	
88,9	106,0	≥ 84,5	517450	
114,3	130,0	≥ 109,9	517500	
139,7	155,0	≥ 134,7	517550	
168,3	183,0	≥ 163,3	511650	
219,1	233,5	≥ 214,1	511750	

DIN 32676		sched. C	Item-No.
Nom.-Size	C mm	A mm	
1/4"	22,0	≥ 4,8	510990
3/8"	22,0	≥ 8,0	510995
1/2"	22,0	≥ 9,6	511000
3/4"	22,0	≥ 16,0	511050
1"	50,5	≥ 22,3	511100
1½"	50,5	≥ 35,0	511150
2"	64,0	≥ 47,7	511200
2½"	77,5	≥ 60,4	511250
3"	91,0	≥ 73,1	511300
4"	119,0	≥ 97,6	511400
4 1/2"	130,0	≥ 110,3	511450
6"	167,0	≥147,1	511610



PTFE Clamp-Gaskets with FKM-Filler (enveloped)

Other Sizes

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
13,5	34,0*	≥ 10,5	511960
13,5	50,5*	≥ 10,5	517002
17,2	34,0*	≥ 14,2	517051
21,3	34,0*	≥ 18,3	517110
26,9	50,5	≥ 22,9*	517150
33,7	50,5	≥ 30,5*	517210
42,4	50,5*	≥ 38,6	517252
273,0	286,1	≥ 268,0	517700
323,9	338,0	≥ 318,9	517750

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	511350
5"	144,4	≥ 125,2	511500
6"metr	167,0	≥ 150,2	511600
8"metr	217,4	≥ 200,2	511700
8" US	217,4	≥ 198,0	511701
10"metr (DN 250)	268,0	≥ 250,2	511800
10"s.5	286,1	≥ 268,0	511850
12" (DN 300)	319,0	≥ 300,2	511900
12"s.5	338,0	≥ 316,1	511950

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,0	521000
DN 08	22,0	≥ 6,0	503900
DN 10	22,0	≥ 8,0	503950
DN 12	22,0	≥ 10,0	521150
DN 14	22,0	≥ 12,0	521200
DN 16	22,0	≥ 14,0	517050
DN 18	22,0	≥ 16,0	521300

PTFE Clamp-Gaskets with FKM-Filler (enveloped/without Lip)

DIN 32676

DIN 32676		sched. A		Item-No.
Nom.- Size	C mm	A mm		
DN 06	22,0	≥ 6,2	503900	
DN 08	22,0	≥ 8,2	503950	
DN 10	34,0	≥ 10,2	504001	
DN 15	34,0	≥ 16,2	504051	
DN 20	34,0	≥ 20,2	504101	
DN 25	50,5	≥ 26,2	504151	
DN 32	50,5	≥ 32,2	504201	
DN 40	50,5	≥ 38,2	504251	
DN 50	64,0	≥ 50,2	504301	
DN 65	91,0	≥ 66,2	504351	
DN 80	106,0	≥ 81,2	504401	
DN 100	119,0	≥ 100,2	504451	
DN 125	155,0	≥ 125,2	504501	
DN 150	183,0	≥ 150,2	504551	
DN 200	233,5	≥ 200,2	504601	
DN 300	319,0	≥ 300,2	511901	

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
13,5	22,0	≥ 10,5	517000
17,2	22,0	≥ 14,2	517050
21,3	50,5	≥ 18,3	517101
26,9	50,5	≥ 23,9	517161
33,7	50,5	≥ 29,9	517201
42,4	64,0	≥ 38,6	517251
48,3	64,0	≥ 44,5	517301
60,3	77,5	≥ 56,5	517351
76,1	91,0	≥ 72,3	517401
88,9	106,0	≥ 84,5	517451
114,3	130,0	≥ 109,9	517501
139,7	155,0	≥ 134,7	517551
168,3	183,0	≥ 163,3	511651
219,1	233,5	≥ 214,1	511751

DIN 32676		sched. C	Item-No.
Nom.-Size	C mm	A mm	
1/4"	22,0	≥ 4,8	510990
3/8"	22,0	≥ 8,0	510995
1/2"	22,0	≥ 9,6	511000
3/4"	22,0	≥ 16,0	511050
1"	50,5	≥ 22,3	511101
1½"	50,5	≥ 35,0	511151
2"	64,0	≥ 47,7	511201
2½"	77,5	≥ 60,4	511251
3"	91,0	≥ 73,1	511301
4"	119,0	≥ 97,6	511401
4 1/2"	130,0	≥ 110,3	511451
6"	167,0	≥147,1	511611



PTFE Clamp-Gaskets with FKM-Filler (enveloped/without Lip)

Other Sizes

Special Size ISO 1127			Item-No.
Nom.-Size	C mm	A mm	
273,0	286,1	≥ 268,0	517701
323,9	338,0	≥ 318,9	517751

*abweichend von DN Reihe B

* deviant to DN sched. B

Special Size			Item-No.
Nom.-Size	C mm	A mm	
3 ½"	106,0	≥ 85,1	511351
10"s.5	286,1	≥ 268,0	511851
12" (DN 300)	319,0	≥ 300,2	511901
12"s.5	338,0	≥ 316,1	511951

Mini Series			Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 4,0	521000
DN 08	22,0	≥ 6,0	503900
DN 10	22,0	≥ 8,0	503950
DN 12	22,0	≥ 10,0	521150
DN 14	22,0	≥ 12,0	521200
DN 16	22,0	≥ 14,0	517050
DN 18	22,0	≥ 16,0	521300

GYLON BIO-PRO

Compound: 3504

Technical Features
- Dimensionally stable - no extrusion into the bore - no cold flow, maintains high recovery - High temperature compatibility - all process temperatures without clamp re-tightening - no extrusion into the bore - withstands frequent thermal cycling - Media resistant - excellent chemical compatibility - conform to FDA - meets USP Class VI

Physical Properties	
Temperature	-210 bis 260°C
Pressure	55 bar
Compressibility	22 bis 45 %
Recovery	30 %
Availability	in accordance to DIN 32676, ISO 2852, BS 4825, ISO 1127, ASME- BPE, SMS
Manufactured in Germany	

Economical Advantages
- Reduced downtime and related costs - Works with standard- and high-pressure clamps - One gasket for all chemicals and temperatures allows reduced inventory, less risk of replacing with an incorrect gasket specification - Dimensional stability eliminates risk of the gasket extruding into the bore, eliminating unscheduled downtime - maintains a gas tight seal even under vibration, misalignment and thermal cycling



DIN 32676		sched. A	Item-No.
Nom.-Size	C mm	A mm	
DN 06	22,0	≥ 6,2	521900
DN 08	22,0	≥ 8,2	521950
DN 10	34,0	≥ 10,2	522000
DN 15	34,0	≥ 16,2	522050
DN 20	34,0	≥ 20,2	522100
DN 25	50,5	≥ 26,2	522150
DN 32	50,5	≥ 32,2	522200
DN 40	50,5	≥ 38,2	522250
DN 50	64,0	≥ 50,2	522300
DN 65	91,0	≥ 66,2	522350
DN 80	106,0	≥ 81,2	522400
DN 100	119,0	≥ 100,2	522450
DN 125	155,0	≥ 125,2	522500
DN 150	183,0	≥ 150,2	522550
DN 200	233,5	≥ 200,2	522600
DN 250 (10")	268,0	≥ 250,2	523800
DN300 (12")	319,0	≥ 300,2	523900

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
10,2	22,0	≥ 7,2	524000
13,5	22,0	≥ 10,5	524020
17,2	22,0	≥ 14,2	524030
17,2	34,0	≥ 14,2	524035
21,3	50,5	≥ 18,3	524100
26,9	50,5	≥ 23,9	524150
33,7	50,5	≥ 29,9	524200
42,4	64,0	≥ 38,4	524250
48,3	64,0	≥ 44,5	524270
60,3	77,5	≥ 56,5	524300
76,1	91,0	≥ 72,3	524350
88,9	106,0	≥ 84,5	524400
114,3	130,0	≥ 109,9	524500
139,7	155,0	≥ 134,7	524600
168,3	183,0	≥ 163,3	523650
219,1	233,5	≥ 214,1	524700

DIN 32676		sched. C	Item-No.
Nom.-Size	C mm	A mm	
1/2"	22,0	≥ 9,6	523000
3/4"	22,0	≥ 16,0	523050
1"	50,5	≥ 22,3	523100
1½"	50,5	≥ 35,0	523150
2"	64,0	≥ 47,7	523200
2½"	77,5	≥ 60,4	523250
3"	91,0	≥ 73,1	523300
4"	119,0	≥ 97,6	523400
6"	167,0	≥ 147,1	523600

Special Size			Item-No.
Nom.-Size	C mm	A mm	
6"s.5	183,0	≥ 168,3	523650
10"metr (DN 250)	268,0	≥ 250,2	523800
12" (DN 300)	319,0	≥ 300,2	523900

Hi-Temp Gasket up to 1000° C

Material Characteristics:

- Refined Phlogopit-Glimmer with an inlay of stainless steel mesh (316)
- typical applications: High thermal and mechanical strains, i.e. exhaust-ducts, turbos, kompressors etc.
- Low long-term leakage even at high temperatures due to the expanded metal insert
- **Not to be used with fluids and steam**
- Temperature range: up to 1000°C (gas)



Detail Flat-Gasket without Centering

Hi-Temp Gasket up to 1000° C

DIN 32676

DIN 32676		sched. A	Item-No.
Nom.-Size	C mm	A mm	
DN 10	34,0	≥ 10,2	560000
DN 15	34,0	≥ 16,2	560010
DN 20	34,0	≥ 20,2	560020
DN 25	50,5	≥ 26,2	560030
DN 32	50,5	≥ 32,2	560040
DN 40	50,5	≥ 38,2	560050
DN 50	64,0	≥ 50,2	560060
DN 65	91,0	≥ 66,2	560070
DN 80	106,0	≥ 81,2	560080
DN 100	119,0	≥ 100,2	560090
DN 125	155,0	≥ 125,2	560100
DN 150	183,0	≥ 150,2	560110
DN 200	233,5	≥ 200,2	560120
DN 250 (10")	268,0	≥ 250,2	580160
DN 300 (12")	319,0	≥ 300,2	580180

DIN 32676		sched. B	Item-No.
Nom.-Size	C mm	A mm	
21,3	50,5	≥ 18,3	570030
26,9	50,5	≥ 23,9	570040
33,7	50,5	≥ 29,9	570050
42,4	64,0	≥ 38,6	570060
48,3	64,0	≥ 44,5	570070
60,3	77,5	≥ 56,5	570080
76,1	91,0	≥ 72,3	570090
88,9	106,0	≥ 84,5	570100
114,3	130,0	≥ 109,9	570110
139,7	155,0	≥ 134,7	570120
168,3	183,0	≥ 163,3	570130
219,1	233,5	≥ 214,1	570140
273,0	286,1	≥ 268,0	570150
323,9	338,0	≥ 318,9	570160

DIN 32676		sched. C	Item-No.
Nom.-Size	C mm	A mm	
1/2"	22,0	≥ 9,6	580010
3/4"	22,0	≥ 16,0	580020
1"	50,5	≥ 22,3	580040
1½"	50,5	≥ 35,0	580050
2"	64,0	≥ 47,7	580060
2½"	77,5	≥ 60,4	580070
3"	91,0	≥ 73,1	580080
4"	119,0	≥ 97,6	580090
6"	167,0	≥ 147,1	580120
8"	217,4	≥ 200,0	580140
10" (DN 250)	268,0	≥ 250,0	580160
12" (DN 300)	319,0	≥ 300,0	580180



Material:

Ultrapharma has developed the material "Steam-Flon®" for sanitary gaskets and some other innovative products. This material is a unique blend of non-pigmented PTFE and 316L stainless steel powder.

The mechanical properties of this compound are very interesting because it eliminates the cold flow problems we experience with, for example, virgin PTFE. Cold flow is the term we use for movement of plastic under permanent load/stress, a state that is used with static seals. Cold flow increases at elevated temperatures. Material of the gasket is slowly moving towards the inside of the fitting and creates a beat. This beat leads to flow restriction and is a potential area for particles/bacterial entrapment.

The Steam-Flon® material takes the cold flow out of the equation, creating a very stable seal with no leaks even at large temperature fluctuations.

Available for DIN32676 & ISO1127 (DIN32676 Series A, B, C). Please inquire.

Steam-Flon® Biological Compliance:

Material: PTFE/316L Compound number CMD-1019

Colour: Brownish

Temperature range -212°C to 288°C

Meets: USP Class VI-121°C

Meets: USP <661>

Meets: EC 10/2011

Meets: FDA CFR 177.1550

Application:

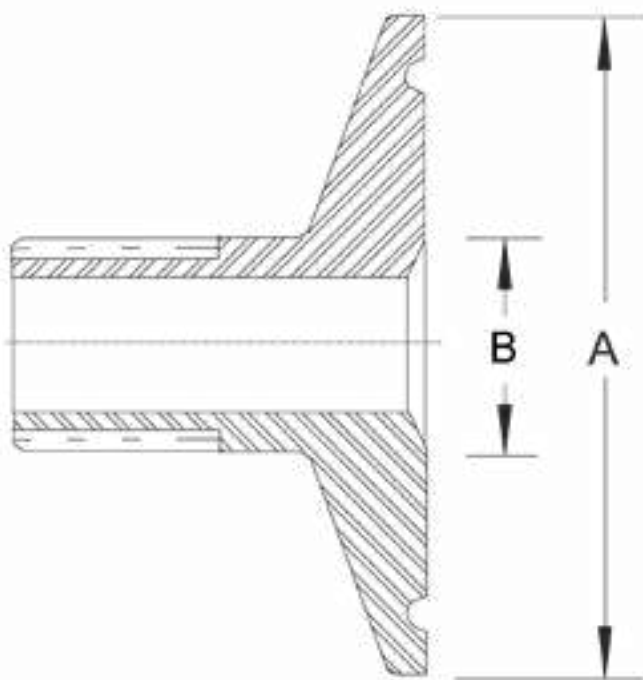
As the name Steam-Flon® suggests this product is the ultimate gasket to be used in steam applications.

Steam-Flon® is a registered trademark of Ultrapharma BV.



Ferrule to Threaded Adaptor, male

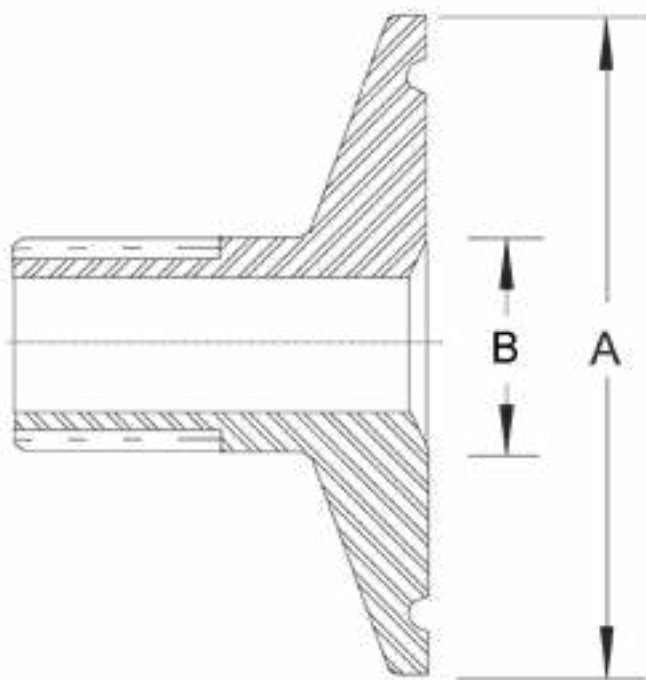
Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



Nom. Size Thread - Ferrule	B mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
1/8" - 1/2"	9,5	25,0	20,2	30,0	406990
1/4" - 1/2"	9,5	25,0	20,2	30,0	407000
3/8" - 1/2"	9,5	25,0	20,2	30,0	407050
1/2" - 1/2"	9,5	25,0	20,2	30,0	407075
1/2" - 3/4"	15,9	25,0	20,2	30,0	407100
3/4" - 3/4"	15,9	25,0	20,2	30,0	407150
1/4" - DN 10	10,0	34,0	27,5	30,0	407200
3/8" - DN 10	10,0	34,0	27,5	30,0	407250
1/2" - DN 15	16,0	34,0	27,5	30,0	407300
1/2" - DN 21,3	18,1	34,0	27,5	30,0	407310
3/4" - DN 15	16,0	34,0	27,5	30,0	407350
3/4" - DN 20	20,0	34,0	27,5	30,0	407355
1/8" - 1"	22,0	50,5	43,5	36,0	407410
1/4" - 1"	22,0	50,5	43,5	36,0	407420
3/8" - 1"	22,0	50,5	43,5	36,0	407400
1/2" - 1"	22,0	50,5	43,5	36,0	407450
3/4" - 1"	22,0	50,5	43,5	36,0	407500
1" - 1"	22,0	50,5	43,5	36,0	407550

Ferrule to Threaded Adaptor, male

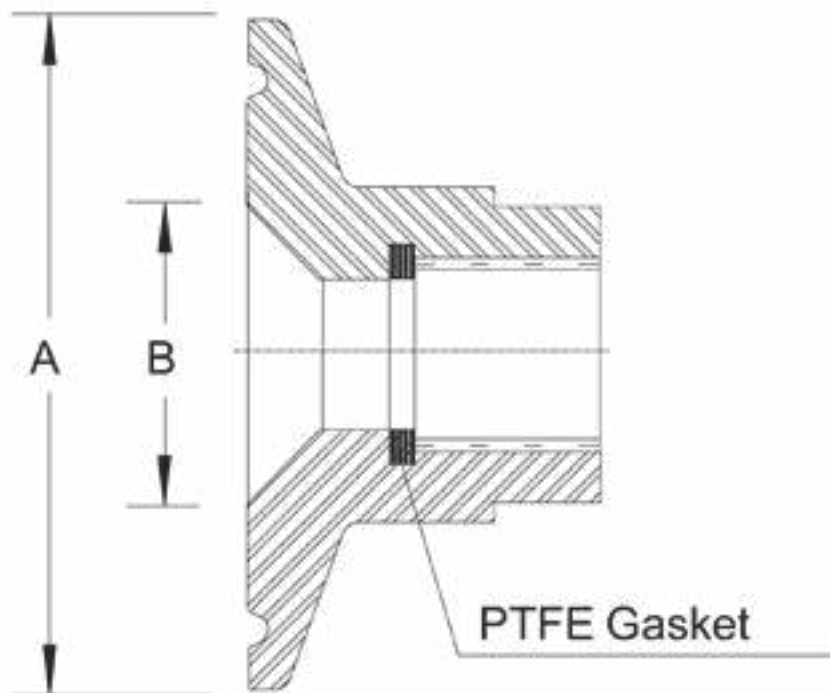
Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



Nom. Size Thread - Ferrule	B mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
1¼" - 1¼"	29,7	50,5	43,5	36,0	407555
¼" - 1½"	35,0	50,5	43,5	36,0	407590
⅜" - 1½"	35,0	50,5	43,5	36,0	407580
½" - 1½"	35,0	50,5	43,5	36,0	407600
¾" - 1½"	35,0	50,5	43,5	36,0	407650
1" - 1½"	35,0	50,5	43,5	36,0	407700
1¼" - 1½"	35,0	50,5	43,5	36,0	407725
1½" - 1½"	35,0	50,5	43,5	36,0	407750
1" - 2"	47,5	64,0	56,5	40,0	407810
1¼" - 2"	47,5	64,0	56,5	40,0	407817
1½" - 2"	47,5	64,0	56,5	40,0	407815
2" - 2"	47,5	64,0	56,5	40,0	407820
2" - NW 50	56,3	77,5	70,5	45,0	407830
2" - DN 65	66,0	91,0	83,5	45,0	407835
2½" - DN 65	66,0	91,0	83,5	45,0	407840
3" - NW 80	84,3	106,0	97,0	40,0	407850

Ferrule to Threaded Adaptor, female

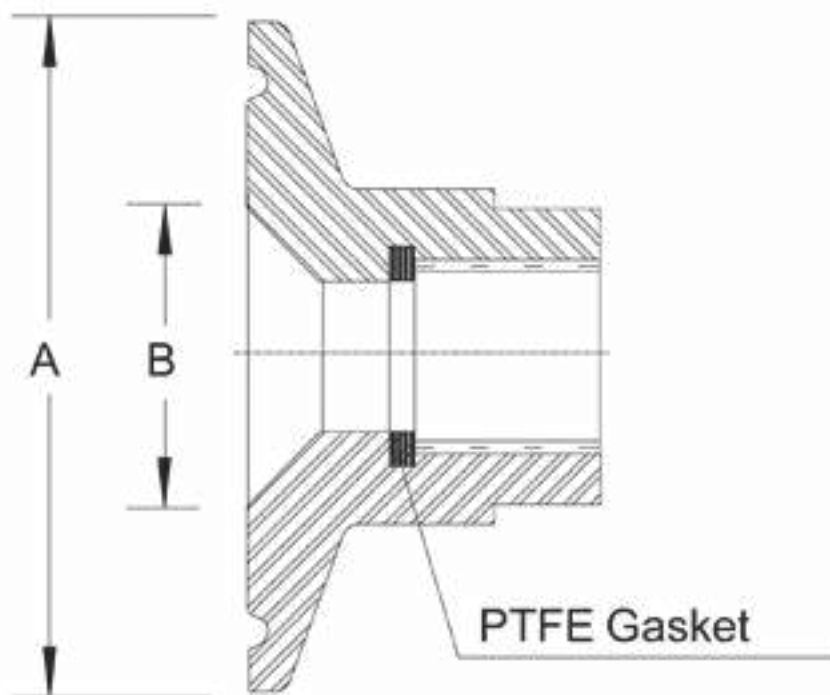
Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



Nom. Size Thread - Ferrule	B mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
1/8" - 1/2"	9,5	25,0	20,2	25,0	408000
1/4" - 1/2"	9,5	25,0	20,2	25,0	408010
3/8" - 1/2"	9,5	25,0	20,2	25,0	408020
1/2" - 1/2"	9,5	25,0	20,2	30,0	408030
1/4" - 3/4"	15,9	25,0	20,2	25,0	408038
3/8" - 3/4"	15,9	25,0	20,2	30,0	408061
1/2" - 3/4"	15,9	25,0	20,2	30,0	408039
3/4" - 3/4"	15,9	25,0	20,2	30,0	408036
1/4" - DN 10	10,0	34,0	27,5	25,0	408031
3/8" - DN 10	10,0	34,0	27,5	25,0	408033
1/2" - DN 15	16,0	34,0	27,5	30,0	408032
1/4" - DN 15	16,0	34,0	27,5	25,0	408037
3/4" - DN 15	16,0	34,0	27,5	30,0	408034
3/4" - DN 20	20,0	34,0	27,5	30,0	408035
1/8" - 1"	22,0	50,5	43,5	25,0	408040
1/4" - 1"	22,0	50,5	43,5	25,0	408050
3/8" - 1"	22,0	50,5	43,5	25,0	408060
1/2" - 1"	22,0	50,5	43,5	25,0	408070

Ferrule to Threaded Adaptor, female

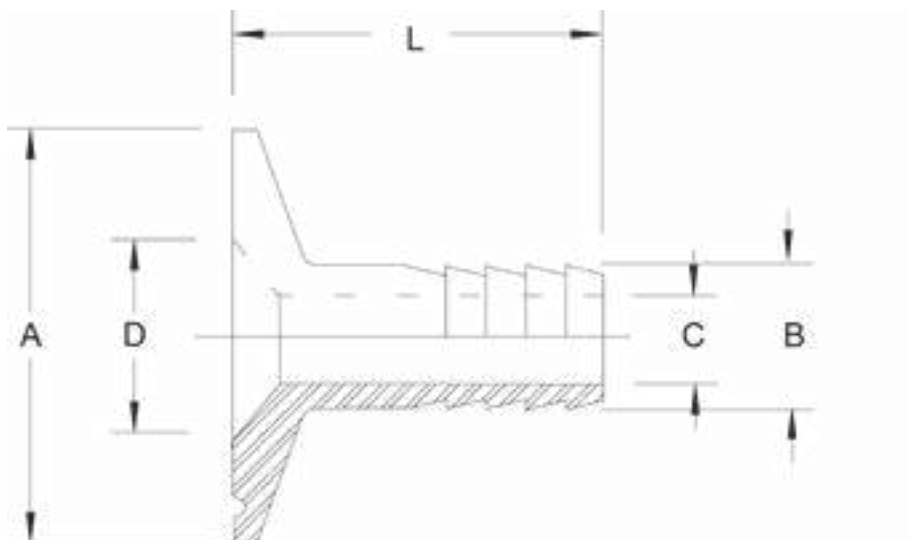
Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



Nom. Size Thread - Ferrule	B mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
3/4" - 1"	22,0	50,5	43,5	25,0	408080
1" - 1"	22,0	50,5	43,5	25,0	408090
1/8" - 1 1/2"	35,0	50,5	43,5	25,0	408100
1/4" - 1 1/2"	35,0	50,5	43,5	25,0	408110
3/8" - 1 1/2"	35,0	50,5	43,5	25,0	408120
1/2" - 1 1/2"	35,0	50,5	43,5	25,0	408130
3/4" - 1 1/2"	35,0	50,5	43,5	25,0	408140
1" - 1 1/2"	35,0	50,5	43,5	30,0	408095
1 1/2" - 1 1/2"	35,0	50,5	43,5	30,0	408150
1" - DN 50	50,0	64,0	56,5	30,0	408165
1 1/4" - 2"	47,5	64,0	56,5	30,0	408175
1 1/2" - 2"	47,5	64,0	56,5	30,0	408155
2" - 2"	47,5	64,0	56,5	40,0	408160
2" - NW 50	56,3	77,5	70,5	40,0	408180
2 1/2" - 2 1/2"	60,2	77,5	70,5	30,0	408188
2 1/2" - DN 65	66,0	91,0	83,5	30,0	408190

Ferrule to Hosetail (imperial)

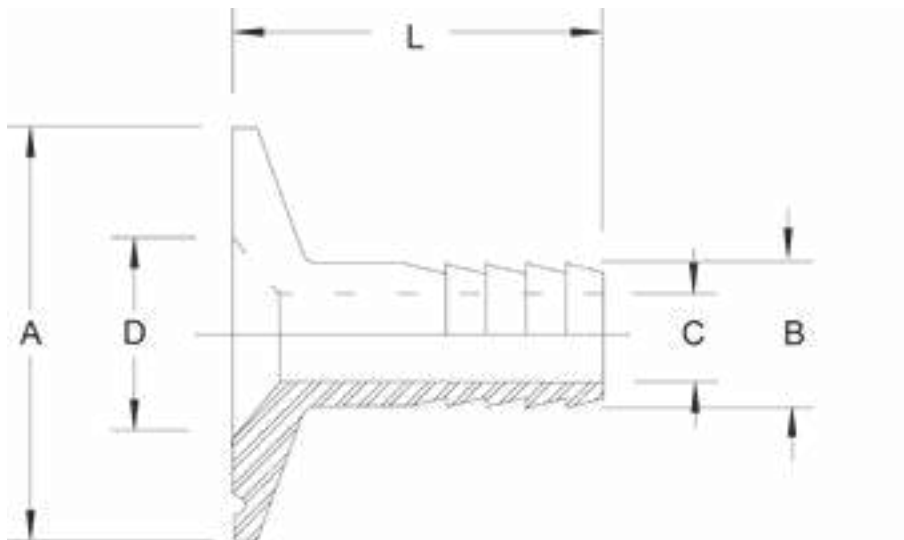
Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



Nom. Size Hosetail - Ferrule	D mm	B mm	C mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
1/4" - 1/2"	9,5	6,4 (1/4")	3,5	25,0	20,2	32,0	430000
3/8" - 1/2"	9,5	9,5 (3/8")	6,5	25,0	20,2	32,0	430050
1/2" - 1/2"	9,5	12,7 (1/2")	9,5	25,0	20,2	32,0	430100
3/4" - 1/2"	9,5	19,0 (3/4")	15,9	25,0	20,2	32,0	430125
1/4" - DN 13,5	10,3	6,4 (1/4")	3,5	25,0	20,2	32,0	431005
3/8" - DN 13,5	10,3	9,5 (3/8")	6,5	25,0	20,2	32,0	431010
1/2" - DN 17,2	14,0	12,7 (1/2")	9,5	25,0	20,2	32,0	431015
1/4" - 3/4"	15,9	6,4 (1/4")	3,5	25,0	20,2	32,0	430150
3/8" - 3/4"	15,9	9,5 (3/8")	6,5	25,0	20,2	32,0	430200
1/2" - 3/4"	15,9	12,7 (1/2")	9,5	25,0	20,2	32,0	430250
3/4" - 3/4"	15,9	19,0 (3/4")	15,9	25,0	20,2	32,0	430300
1/4" - DN 10	10,0	6,4 (1/4")	3,5	34,0	27,5	40,0	430308
3/8" - DN 10	10,0	9,5 (3/8")	6,5	34,0	27,5	40,0	430309
1/2" - DN 10	10,0	12,7 (1/2")	9,5	34,0	27,5	40,0	430310
3/8" - DN 15	16,0	9,5 (3/8")	6,5	34,0	27,5	40,0	430319
1/2" - DN 15	16,0	12,7 (1/2")	9,5	34,0	27,5	40,0	430320

Ferrule to Hosetail (imperial)

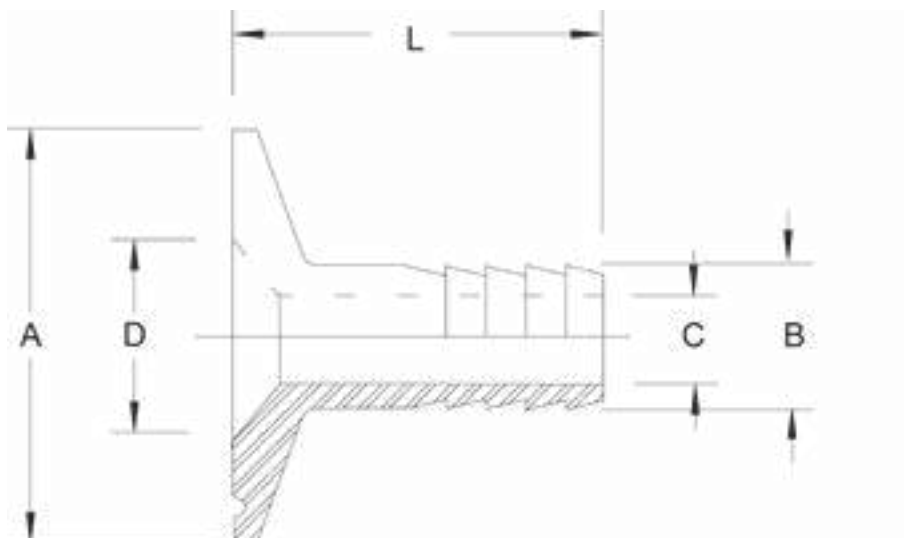
Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



Nom. Size Hosetail - Ferrule	D mm	B mm	C mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
1/2" - DN 20	20,0	12,7 (1/2")	9,5	34,0	27,5	40,0	430329
3/4" - DN 15	16,0	19,0 (3/4")	15,9	34,0	27,5	40,0	430325
3/4" - DN 20	20,0	19,0 (3/4")	15,9	34,0	27,5	40,0	430330
3/8" - DN 21,3	18,1	9,5 (3/8")	6,5	50,5	43,5	40,0	431030
1/2" - DN 21,3	18,1	12,7 (1/2")	9,5	50,5	43,5	40,0	431035
1/4" - 1"	22,6	6,4 (1/4")	3,5	50,5	43,5	40,0	430339
3/8" - 1"	22,6	9,5 (3/8")	6,5	50,5	43,5	40,0	430340
1/2" - 1"	22,6	12,7 (1/2")	9,5	50,5	43,5	40,0	430350
3/4" - 1"	22,6	19,0 (3/4")	15,9	50,5	43,5	40,0	430400
1" - 1"	22,6	26,0 (1")	22,6	50,5	43,5	40,0	430450
1/4" - 1 1/2"	35,0	6,4 (1/4")	3,5	50,5	43,5	40,0	430470
3/8" - 1 1/2"	35,0	9,5 (3/8")	6,5	50,5	43,5	40,0	430480
1/2" - 1 1/2"	35,0	12,7 (1/2")	9,5	50,5	43,5	40,0	430500
3/4" - 1 1/2"	35,0	19,0 (3/4")	15,9	50,5	43,5	40,0	430550
1" - 1 1/2"	35,0	26,0 (1")	22,6	50,5	43,5	40,0	430600
1 1/2" - 1 1/2"	35,0	38,1 (1 1/2")	35,6	50,5	43,5	40,0	430650

Ferrule to Threaded Adaptor, female

Material: AISI 316L (equiv. 1.4404), 3.1 Certificate (free of charge as download)



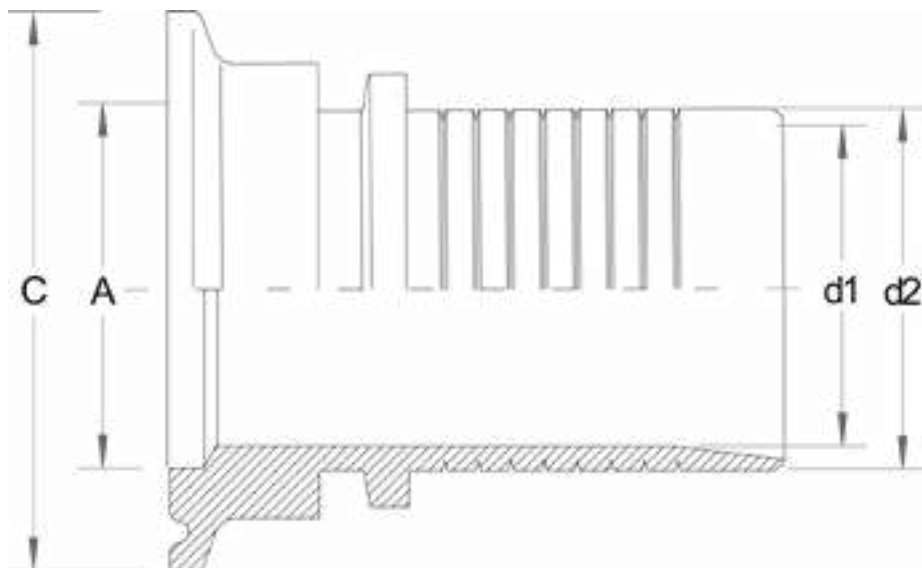
Nom. Size Hosetail - Ferrule	D mm	B mm	C mm	Flange Ø in mm A	Groove mm	Length mm	Item-No.
1/4" - DN 42,4	38,4	12,7 (1/4")	9,5	64,0	56,5	40,0	431041
1/2" - 2"	47,5	12,7 (1/2")	9,5	64,0	56,5	60,0	430660
3/4" - 2"	47,5	19,0 (3/4")	15,9	64,0	56,5	60,0	430670
1" - 2"	47,5	26,0 (1")	22,6	64,0	56,5	60,0	430700
1 1/2" - 2"	47,5	38,1 (1 1/2")	35,6	64,0	56,5	60,0	430750
2" - 2"	47,5	50,8 (2")	48,6	64,0	56,5	60,0	430800
2 1/2" - 2 1/2"	59,5	63,5 (2 1/2")	59,5	77,5	70,5	60,0	430950



Ferrules DIN 32676 to Hosetails DIN EN 14420-2

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



Nom. Size Hose - Ferrule	A mm	d1 mm	d2 mm	Ferrule OD C	Groove mm	Length mm	Item-No.
DN15 - 3/4"	15,75	9,0	13,4	25,0	20,2	59,0	440900
DN15 - DN15	16,0	9,0	13,4	34,0	27,5	50,0	441000
DN20 - DN20	20,0	15,0	19,4	34,0	27,5	50,0	441100
DN25 - DN25	26,0	21,0	25,4	50,5	43,5	50,0	441200
DN32 - DN32	32,0	28,0	32,4	50,5	43,5	55,0	441300
DN38 - DN40	38,0	33,5	38,4	50,5	43,5	55,0	441400
DN38 - NW32	38,4	33,5	38,4	64,0	56,5	60,0	441550
DN50 - DN50	50,0	45,5	50,4	64,0	56,5	60,0	441600
DN65 - DN65	66,0	58,5	63,4	91,0	83,5	62,0	441700
DN75 - DN80	81,0	70,5	75,4	106,0	97,0	76,5	441800



Clamp Collar according to DIN EN 14420-2

Material: AISI 316L (1.4408)



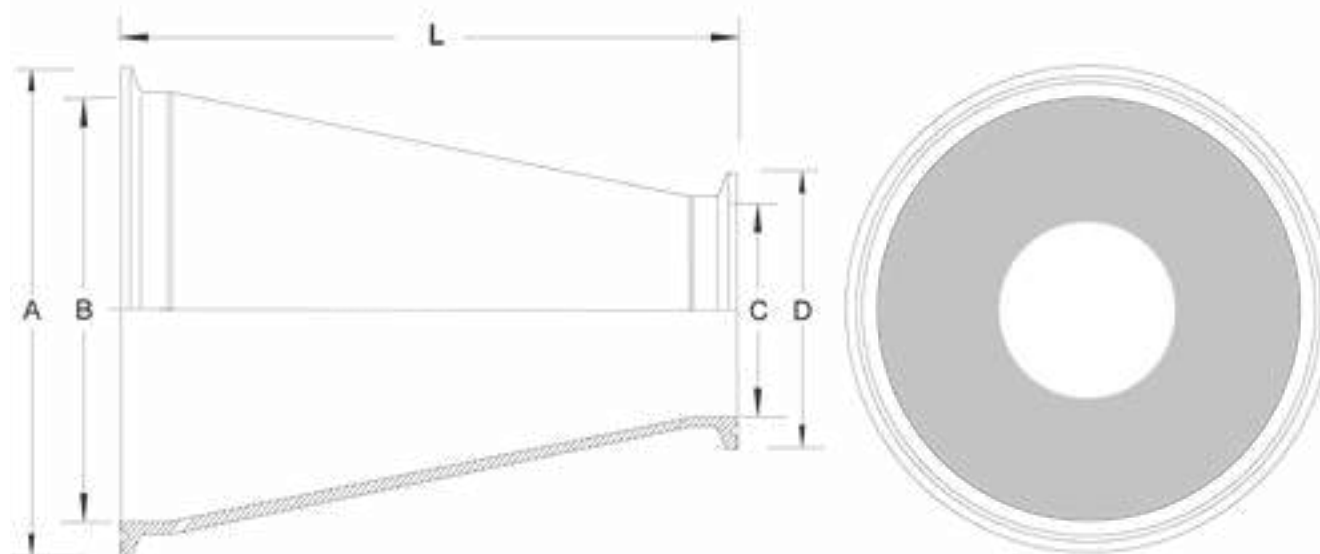
Nom. Size	fit to Hose	Item-No.
DN 15	DN 13 x 5 mm	450000
DN 20	DN 19 x 6 mm	450003
DN 25	DN 25 x 6 mm	450005
DN 32	DN 32 x 6 mm	450010
DN38	DN 38 x 6,5 mm	450015
DN 50	DN 50 x 8 mm	450020
DN 65	DN 65 x 8 mm	450025
DN 80	DN 75 x 8 mm	450030
DN 100	DN 100 x 8 mm	450035



Ferrule ended Reducers (concentric)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



Nom. Size Ferrule - Ferrule	A mm	B mm	C mm	D mm	Length mm	Item-No.
3/4" - 1/2"	25,0	15,9	9,5	25,0	40,0	460000
DN10 > 1/2"	34,0	10,0	9,5	25,0	40,0	460005
1" > 1/2"	50,5	22,2	9,5	25,0	50,0	460010
1" > 3/4"	50,5	22,2	15,9	25,0	50,0	460020
1" > DN10	50,5	22,2	10,0	34,0	50,0	460022
1" > DN20	50,5	22,2	20,0	34,0	50,0	460025
1 1/2" > 1/2"	50,5	34,9	9,5	25,0	50,0	460030
1 1/2" > 3/4"	50,5	34,9	15,9	25,0	50,0	460040
1 1/2" > 1"	50,5	34,9	22,2	50,5	50,0	460050
2" > 1/2"	64,0	47,6	9,5	25,0	50,0	460060
2" > 3/4"	64,0	47,6	15,9	25,0	50,0	460070
2" > 1"	64,0	47,6	22,2	50,5	50,0	460080
2" > 1 1/2"	64,0	47,6	34,9	50,5	50,0	460090
2 1/2" > 1/2"	77,5	60,3	9,5	25,0	60,0	460100
2 1/2" > 3/4"	77,5	60,3	15,9	25,0	60,0	460110
2 1/2" > 1"	77,5	60,3	22,2	50,5	60,0	460120
2 1/2" > 1 1/2"	77,5	60,3	34,9	50,5	60,0	460130

Ferrule ended Reducers (concentric)

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)



Nom. Size Ferrule - Ferrule	A mm	B mm	C mm	D mm	Length mm	Item-No.
2½" > 2"	77,5	60,3	47,6	64,0	60,0	460140
3" > ½"	91,0	73,0	9,5	25,0	60,0	460150
3" > ¾"	91,0	73,0	15,9	25,0	60,0	460160
3" > 1"	91,0	73,0	22,2	50,5	60,0	460170
3" > 1½"	91,0	73,0	34,9	50,5	60,0	460180
3" > 2"	91,0	73,0	47,6	64,0	60,0	460190
3" > 2½"	91,0	73,0	60,3	77,5	60,0	460200
DN25 > DN20	50,5	26,0	20,0	34,0	50,0	460600
DN100 > DN80	119,0	100,0	81,0	106,0	60,0	460960

SVFI - Sterile Visual Flow Indicator - INCH Sizes

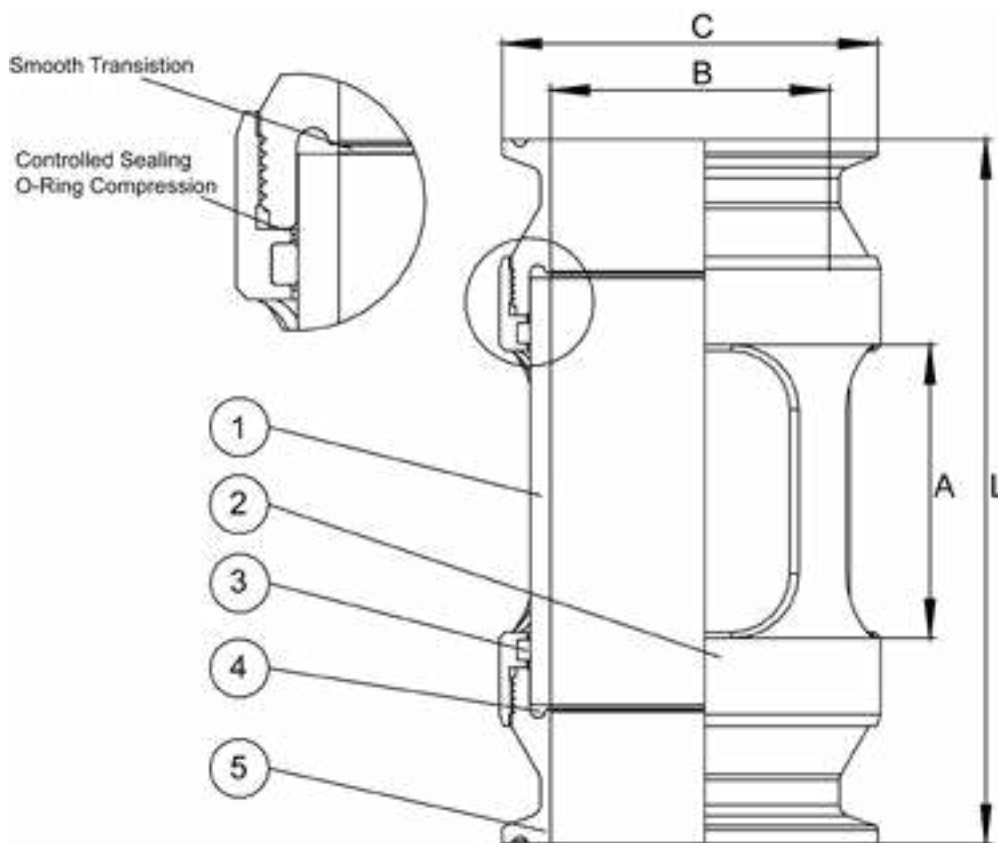
Material: AISI 316L (equiv. 1.4404) incl. 3.1 Certificate (free of charge as download)

Borosilicate-Glass, EPDM O-Ring



SVFI - Sterile Visual Flow Indicator - INCH Sizes

Material: AISI 316L (equiv. 1.4404) incl. 3.1 Certificate (free of charge as download)
Borosilicate-Glass, EPDM O-Ring



Item	Qty.	Description	Material
1	1	Glass	Borosilicate
2	1	Body	316L St.St
3	2	O-Ring	EPDM
4	2	O-Ring	EPDM
5	2	Flange-Ends	316L StSt

Surface Finish
0,50 µm
0,63 µm
0,75 µm
0,38 µm electropol.
0,50 µm electropol.
0,63 µm electropol.

Nom. Size Ferrule - Ferrule	B mm	C mm	A mm	Length mm	Item-No.	Max. Working- pressure in bar
3/8"	7,7	25,0	16 x 8	65,0	480310	22
1/2"	9,5	25,0	20 x 9	76,0	480320	20
3/4"	15,8	25,0	27 x 11	87,0	480330	17,5
1"	22,1	50,5	30 x 16	91,0	480340	8,5
1 1/2"	34,8	50,5	40 x 24	105,0	480350	8
2"	47,5	64,0	48 x 34	120,0	480360	7
2 1/2"	60,3	77,5	55 x 40	151,0	480370	6,5
3"	72,9	91,0	90 x 50	175,0	480380	6,5
4"	97,4	119,0	110 x 60	200,0	480390	4
6"	150,0	167,0	150 x 80	250,0	480500	3

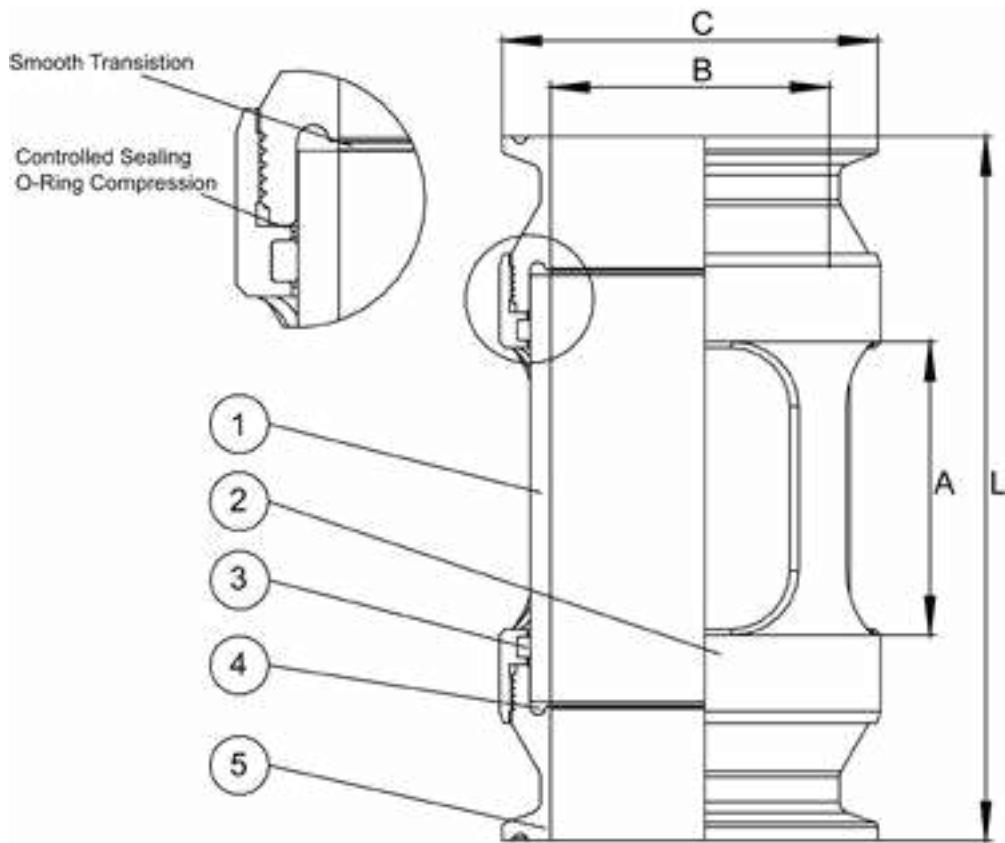
SVFI - Sterile Visual Flow Indicator - DIN Sizes

Material: AISI 316L (equiv. 1.4404) incl. 3.1 Certificate (free of charge as download)
Borosilicate-Glass, EPDM O-Ring



SVFI - Sterile Visual Flow Indicator - DIN Sizes

Material: AISI 316L (equiv. 1.4404) incl. 3.1 Certificate (free of charge as download)
Borosilicate-Glass, EPDM O-Ring



Item	Qty.	Description	Material
1	1	Glass	Borosilicate
2	1	Body	316L St.St
3	2	O-Ring	EPDM
4	2	O-Ring	EPDM
5	2	Flange-Ends	316L StSt

Surface Finish
0,50 µm
0,63 µm
0,75 µm
0,38 µm electropol.
0,50 µm electropol.
0,63 µm electropol.

Nom. Size Ferrule - Ferrule	B mm	C mm	A mm	Length mm	Item-No.	Max. Working- pressure in bar
DN10	10,0	34,0	20 x 10	80,0	485000	28
DN15	16,0	34,0	27 x 12	87,0	485050	18
DN20	20,0	34,0	30 x 15	90,0	485100	15
DN25	26,0	50,5	38 x 18	95,0	485150	12,9
DN32	32,0	50,5	42 x 23	100,0	485200	10,9
DN40	38,0	50,5	51 x 28	110,0	485250	10,9
DN50	50,0	64,0	64 x 38	135,0	485300	9
DN65	66,0	91,0	83 x 51	160,0	485350	9,8
DN80	81,0	106,0	87 x 58	175,0	485400	8,1
DN100	100,0	119,0	117 x 71	190,0	485450	6,7
DN125	125,0	155,0	127 x 82	225,0	485500	7,2
DN150	150,0	183,0	148 x 95	260,0	485550	6,1



Clamp ferrules with bund DIN11864-3

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3
3.1 Certificate (free of charge as download)



Clamp ferrules with groove DIN11864-3, Form A, sched. A

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. A DN Metric	Tube OD A	Tube ID B	Flange OD C	Length D	Overall Length E	Item-No.
DN10	13,0	10,0	34,0	26,0	39,5	852000
DN15	19,0	16,0	34,0	26,0	39,5	852050
DN20	23,0	20,0	50,5	26,0	39,5	852100
DN25	29,0	26,0	50,5	28,0	40,0	852150
DN32	35,0	32,0	50,5	30,0	45,5	852200
DN40	41,0	38,0	64,0	30,0	45,5	852250
DN50	53,0	50,0	77,5	30,0	46,0	852300
DN65	70,0	66,0	91,0	40,0	58,0	852350
DN80	85,0	81,0	106,0	40,0	60,0	852400
DN100	104,0	100,0	130,0	40,0	61,5	852450

Clamp ferrules with bund DIN11864-3, Form A, sched. A

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. A DN Metric	Tube OD A	Tube ID B	Flange OD C	Length D	Overall Length E	Item-No.
DN10	13,0	10,0	34,0	26,0	38,0	854000
DN15	19,0	16,0	34,0	26,0	38,0	854050
DN20	23,0	20,0	50,5	26,0	38,0	854100
DN25	29,0	26,0	50,5	28,0	38,5	854150
DN32	35,0	32,0	50,5	30,0	44,0	854200
DN40	41,0	38,0	64,0	30,0	44,0	854250
DN50	53,0	50,0	77,5	30,0	44,5	854300
DN65	70,0	66,0	91,0	40,0	56,5	854350
DN80	85,0	81,0	106,0	40,0	58,5	854400
DN100	104,0	100,0	130,0	40,0	60,0	854450

Clamp ferrules with groove DIN11864-3, Form A, sched. B

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. B Nom. Width OD	Tube OD A	Tube ID B	Flange OD C	Length D	Overall Length E	Item-No.
13,5	13,5	10,3	34,0	26,0	39,5	856000
17,2	17,2	14,0	34,0	26,0	39,5	856050
21,3	21,3	18,1	34,0	26,0	40,5	856100
26,9	26,9	23,7	50,5	30,0	40,0	856150
33,7	33,7	29,7	50,5	30,0	45,5	856200
42,4	42,4	38,4	64,0	30,0	45,5	856250
48,3	48,3	44,3	64,0	30,0	46,5	856300
60,3	60,3	56,3	91,0	40,0	58,5	856350
76,1	76,1	72,1	106,0	40,0	60,0	856400
88,9	88,9	84,3	119,0	40,0	62,5	856450

Clamp ferrules with bund DIN11864-3, Form A, sched. B

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. B Nom. Width OD	Tube OD A	Tube ID B	Flange OD C	Length D	Overall Length E	Item-No.
13,5	13,5	10,3	34,0	26,0	38,0	858000
17,2	17,2	14,0	34,0	26,0	38,0	858050
21,3	21,3	18,1	34,0	26,0	39,0	858100
26,9	26,9	23,7	50,5	30,0	39,0	858150
33,7	33,7	29,7	50,5	30,0	44,0	858200
42,4	42,4	38,4	64,0	30,0	44,0	858250
48,3	48,3	44,3	64,0	30,0	45,0	858300
60,3	60,3	56,3	91,0	40,0	57,0	858350
76,1	76,1	72,1	106,0	40,0	58,5	858400
88,9	88,9	84,3	119,0	40,0	61,0	858450

Clamp ferrules with groove DIN11864-3, Form A, sched. C

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. C Inch	Tube OD A	Tube ID B	Flange OD C	Length D	Overall Length E	Item-No.
1/2"	12,7	9,4	34,0	26,0	39,5	860000
3/4"	19,05	15,75	34,0	26,0	39,5	860050
1"	25,4	22,1	50,5	28,0	40,0	860100
1 1/2"	38,1	34,8	64,0	30,0	45,5	860150
2"	50,8	47,5	77,5	30,0	46,0	860200
2 1/2"	63,5	60,2	91,0	40,0	59,0	860250
3"	76,2	72,9	106,0	40,0	60,0	860300
4"	101,6	97,38	130,0	40,0	61,0	860350

Clamp ferrules with bund DIN11864-3, Form A, sched. C

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. C Inch	Tube OD A	Tube ID B	Flange OD C	Length D	Overall Length E	Item-No.
1/2"	12,7	9,4	34,0	26,0	38,0	862000
3/4"	19,05	15,75	34,0	26,0	38,0	862050
1"	25,4	22,1	50,5	28,0	38,5	862100
1 1/2"	38,1	34,8	64,0	30,0	44,0	862150
2"	50,8	47,5	77,5	30,0	44,5	862200
2 1/2"	63,5	60,2	91,0	40,0	57,5	862250
3"	76,2	72,9	106,0	40,0	58,5	862300
4"	101,6	97,38	130,0	40,0	59,5	862350

Blind clamp ferrules with groove DIN11864-3/DIN11853-3, sched. C

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. A DN Metric	Flange OD Ø in mm	Material Thickness in mm	Item-No.
10	34,0	13,0	800000
15	34,0	13,0	800050
20	50,5	13,0	800100
25	50,5	13,0	800150
32	50,5	13,0	800200
40	64,0	13,0	800250
50	77,5	15,0	800300
65	91,0	15,0	800350
80	106,0	15,0	800400
100	130,0	15,0	800450

sched. B Nom. Width OD	Flange OD Ø in mm	Material Thickness in mm	Item-No.
13,5	34,0	13,0	800000
17,2	34,0	13,0	804050
21,3	34,0	13,0	804100
26,9	50,5	13,0	804150
33,7	50,5	13,0	804200
42,4	64,0	13,0	804250
48,3	64,0	13,0	804300
60,3	91,0	15,0	804350
76,1	106,0	15,0	804400
88,9	119,0	15,0	804450

sched. C Inch	Flange OD Ø in mm	Material Thickness in mm	Item-No.
½"	34,0	13,0	808000
¾"	34,0	13,0	800050
1"	50,5	13,0	808100
1½"	64,0	13,0	808150
2"	77,5	15,0	808200
2½"	91,0	15,0	808250
3"	106,0	15,0	808300
4"	130,0	15,0	808350



Blind clamp ferrules with bund DIN11864-3/DIN11853-3, sched. C

Material: AISI 316L (equiv. 1.4404), Surfaces according to Hygiene Class H3

3.1 Certificate (free of charge as download)



sched. A DN Metric	Flange OD Ø in mm	Material Thickness in mm	Item-No.
10	34,0	11,5	802000
15	34,0	11,5	802050
20	50,5	11,5	802100
25	50,5	11,5	802150
32	50,5	11,5	802200
40	64,0	11,5	802250
50	77,5	13,5	802300
65	91,0	13,5	802350
80	106,0	13,5	802400
100	130,0	13,5	802450

sched. B Nom. Width OD	Flange OD Ø in mm	Material Thickness in mm	Item-No.
13,5	34,0	11,5	802000
17,2	34,0	11,5	806050
21,3	34,0	11,5	806100
26,9	50,5	11,5	806150
33,7	50,5	11,5	806200
42,4	64,0	11,5	806250
48,3	64,0	11,5	806300
60,3	91,0	13,5	806350
76,1	106,0	13,5	806400
88,9	119,0	13,5	806450

sched. C Inch	Flange OD Ø in mm	Material Thickness in mm	Item-No.
½"	34,0	11,5	810000
¾"	34,0	11,5	802050
1"	50,5	11,5	810100
1½"	64,0	11,5	810150
2"	77,5	13,5	810200
2½"	91,0	13,5	810250
3"	106,0	13,5	810300
4"	130,0	13,5	810350

EPDM O-Ring Gasket DIN11864-3/DIN11853-3, sched. A/B/C

FDA- & USP CLASS VI-Certificate free of charge as download

sched. A DN Metric	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
10	34,0	12,0 x 3,5	900000
15	34,0	18,0 x 3,5	900050
20	50,5	22,0 x 3,5	900100
25	50,5	28,0 x 3,5	900150
32	50,5	34,0 x 5,0	900200
40	64,0	40,0 x 5,0	900250
50	77,5	52,0 x 5,0	900300
65	91,0	68,0 x 5,0	900350
80	106,0	83,0 x 5,0	900400
100	130,0	102,0 x 5,0	900450

sched. B Nom. Width OD	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
13,5	34,0	12,0 x 3,5	900000
17,2	34,0	16,0 x 3,5	910050
21,3	34,0	20,0 x 3,5	910100
26,9	50,5	26,0 x 3,5	910150
33,7	50,5	32,0 x 5,0	910200
42,4	64,0	40,5 x 5,0	910250
48,3	64,0	46,5 x 5,0	910300
60,3	91,0	58,5 x 5,0	910350
76,1	106,0	73,5 x 5,0	910400
88,9	119,0	86,5 x 5,0	910450

sched. C Inch	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
½"	34,0	12,0 x 3,5	900000
¾"	34,0	18,0 x 3,5	900050
1"	50,5	24,0 x 3,5	920100
1½"	64,0	37,5 x 5,0	920150
2"	77,5	50,0 x 5,0	920200
2½"	91,0	62,0 x 5,0	920250
3"	106,0	75,5 x 5,0	920300
4"	130,0	100,0 x 5,0	920350



FEP-enveloped O-Ring Gasket DIN11864-3/DIN11853-3, sched. A/B/C

FDA- & USP CLASS VI-Certificate free of charge as download

sched. A DN Metric	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
10	34,0	12,0 x 3,5	960000
15	34,0	18,0 x 3,5	960050
20	50,5	22,0 x 3,5	960100
25	50,5	28,0 x 3,5	960150
32	50,5	34,0 x 5,0	960200
40	64,0	40,0 x 5,0	960250
50	77,5	52,0 x 5,0	960300
65	91,0	68,0 x 5,0	960350
80	106,0	83,0 x 5,0	960400
100	130,0	102,0 x 5,0	960450

sched. B Nom. Width OD	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
13,5	34,0	12,0 x 3,5	960000
17,2	34,0	16,0 x 3,5	970050
21,3	34,0	20,0 x 3,5	970100
26,9	50,5	26,0 x 3,5	970150
33,7	50,5	32,0 x 5,0	970200
42,4	64,0	40,5 x 5,0	970250
48,3	64,0	46,5 x 5,0	970300
60,3	91,0	58,5 x 5,0	970350
76,1	106,0	73,5 x 5,0	970400
88,9	119,0	86,5 x 5,0	970450

sched. C Inch	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
½"	34,0	12,0 x 3,5	960000
¾"	34,0	18,0 x 3,5	960050
1"	50,5	24,0 x 3,5	980100
1½"	64,0	37,5 x 5,0	980150
2"	77,5	50,0 x 5,0	980200
2½"	91,0	62,0 x 5,0	980250
3"	106,0	75,5 x 5,0	980300
4"	130,0	100,0 x 5,0	980350



Silicone O-Ring Gasket DIN11864-3/DIN11853-3, sched. A/B/C

FDA- & USP CLASS VI-Certificate free of charge as download

sched. A DN Metric	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
10	34,0	12,0 x 3,5	930000
15	34,0	18,0 x 3,5	930050
20	50,5	22,0 x 3,5	930100
25	50,5	28,0 x 3,5	930150
32	50,5	34,0 x 5,0	930200
40	64,0	40,0 x 5,0	930250
50	77,5	52,0 x 5,0	930300
65	91,0	68,0 x 5,0	930350
80	106,0	83,0 x 5,0	930400
100	130,0	102,0 x 5,0	930450

sched. B Nom. Width OD	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
13,5	34,0	12,0 x 3,5	930000
17,2	34,0	16,0 x 3,5	940050
21,3	34,0	20,0 x 3,5	940100
26,9	50,5	26,0 x 3,5	940150
33,7	50,5	32,0 x 5,0	940200
42,4	64,0	40,5 x 5,0	930250
48,3	64,0	46,5 x 5,0	930300
60,3	91,0	58,5 x 5,0	930350
76,1	106,0	73,5 x 5,0	930400
88,9	119,0	86,5 x 5,0	930450

sched. C Inch	Flange OD Ø in mm	O-Ring Dimensions in mm	Item-No.
½"	34,0	12,0 x 3,5	930000
¾"	34,0	18,0 x 3,5	930050
1"	50,5	24,0 x 3,5	950100
1½"	64,0	37,5 x 5,0	950150
2"	77,5	50,0 x 5,0	950200
2½"	91,0	62,0 x 5,0	950250
3"	106,0	75,5 x 5,0	950300
4"	130,0	100,0 x 5,0	950350

AC-Clamp Type SH with Wing-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C safety factor of 5	Working pressure in bar at 150° C safety factor of 2	Maximum Test Pressure in bar at 20° C	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. A	DIN 11853-3 Nom. Width sched. A						
34,0	10-15	10-15	20	50	100	170	SB	100100
50,5	20-25-32	20-25-32	20	50	100	250	SB	100200
64,0	40	40	20	50	100	330	SB	100300
77,5	50	50	20	50	100	380	SB	100400
91,0	65	65	16	40	80	440	SB	100500
106,0	80	80	16	40	80	440	SB	100600
130,0	100	100	12	30	60	600	SB	100900

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C safety factor of 5	Working pressure in bar at 150° C safety factor of 2	Maximum Test Pressure in bar at 20° C	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. B	DIN 11853-3 Nom. Width sched. B						
34,0	13,5 - 17,2 - 21,3	13,5 - 17,2 - 21,3	20	50	100	170	SB	100100
50,5	26,9 - 33,7	26,9 - 33,7	20	50	100	250	SB	100200
64,0	42,4 - 48,3	42,4 - 48,3	20	50	100	330	SB	100300
91,0	60,3	60,3	16	40	80	440	SB	100500
106,0	76,1	76,1	16	40	80	440	SB	100600
119,0	88,9	88,9	14	35	70	570	SB	100700

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C safety factor of 5	Working pressure in bar at 150° C safety factor of 2	Maximum Test Pressure in bar at 20° C	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. C	DIN 11853-3 Nom. Width sched. C						
34,0	1/4"-3/4"	1/4"-3/4"	20	50	100	170	SB	100100
50,5	1"	1"	20	50	100	250	SB	100200
64,0	1 1/2"	1 1/2"	20	50	100	330	SB	100300
77,5	2"	2"	20	50	100	380	SB	100400
91,0	2 1/2"	2 1/2"	16	40	80	440	SB	100500
106,0	3"	3"	16	40	80	440	SB	100600
130,0	4"	4"	12	30	60	600	SB	100900



AC-Clamp Type SH with Hex-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C safety factor of 5	Working pressure in bar at 150° C safety factor of 2	Maximum Test Pressure in bar at 20° C	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. A	DIN 11853-3 Nom. Width sched. A						
34,0	10-15	10-15	20	50	100	170	SBX	100110
50,5	20-25-32	20-25-32	20	50	100	250	SBX	100210
64,0	40	40	20	50	100	330	SBX	100310
77,5	50	50	20	50	100	380	SBX	100410
91,0	65	65	16	40	80	440	SBX	100510
106,0	80	80	16	40	80	440	SBX	100610
130,0	100	100	12	30	60	600	SBX	100910

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C safety factor of 5	Working pressure in bar at 150° C safety factor of 2	Maximum Test Pressure in bar at 20° C	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. B	DIN 11853-3 Nom. Width sched. B						
34,0	13,5 - 17,2 - 21,3	13,5 - 17,2 - 21,3	20	50	100	170	SBX	100110
50,5	26,9 - 33,7	26,9 - 33,7	20	50	100	250	SBX	100210
64,0	42,4 - 48,3	42,4 - 48,3	20	50	100	330	SBX	100310
91,0	60,3	60,3	16	40	80	440	SBX	100510
106,0	76,1	76,1	16	40	80	440	SBX	100610
119,0	88,9	88,9	14	35	70	570	SBX	100710

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C safety factor of 5	Working pressure in bar at 150° C safety factor of 2	Maximum Test Pressure in bar at 20° C	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. C	DIN 11853-3 Nom. Width sched. C						
34,0	1/4"-3/4"	1/4"-3/4"	20	50	100	170	SBX	100110
50,5	1"	1"	20	50	100	250	SBX	100210
64,0	1 1/2"	1 1/2"	20	50	100	330	SBX	100310
77,5	2"	2"	20	50	100	380	SBX	100410
91,0	2 1/2"	2 1/2"	16	40	80	440	SBX	100510
106,0	3"	3"	16	40	80	440	SBX	100610
130,0	4"	4"	12	30	60	600	SBX	100910

AC-Clamp Type SH Safety with Wing-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C	max. Test Pressure in bar	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. A	DIN 11853-3 Nom. Width sched. A					
34,0	10-15	10-15	20	100	170	SB	100105
50,5	20-25-32	20-25-32	20	100	250	SB	100205
64,0	40	40	20	100	330	SB	100305
77,5	50	50	20	100	380	SB	100405
91,0	65	65	19	95	440	SB	100505
106,0	80	80	17	85	440	SB	100605
130,0	100	100	13	65	600	SB	100905

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C	max. Test Pressure in bar	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. B	DIN 11853-3 Nom. Width sched. B					
34,0	13,5 - 17,2 - 21,3	13,5 - 17,2 - 21,3	20	100	170	SB	100105
50,5	26,9 - 33,7	26,9 - 33,7	20	100	250	SB	100205
64,0	42,4 - 48,3	42,4 - 48,3	20	100	330	SB	100305
91,0	60,3	60,3	19	95	440	SB	100505
106,0	76,1	76,1	17	85	440	SB	100605
119,0	88,9	88,9	14	70	570	SB	100705

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C	max. Test Pressure in bar	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. C	DIN 11853-3 Nom. Width sched. C					
34,0	1/4"-3/4"	1/4"-3/4"	20	100	170	SB	100105
50,5	1"	1"	20	100	250	SB	100205
64,0	1 1/2"	1 1/2"	20	100	330	SB	100305
77,5	2"	2"	20	100	380	SB	100405
91,0	2 1/2"	2 1/2"	19	95	440	SB	100505
106,0	3"	3"	17	85	440	SB	100605
130,0	4"	4"	13	65	600	SB	100905



AC-Clamp Type SH Safety with Hex-Nut

suitable for ferrules DIN 32676, ISO 2852, EN ISO 1127, BS 4825 and Non-standard



For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C	max. Test Pressure in bar	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. A	DIN 11853-3 Nom. Width sched. A					
34,0	10-15	10-15	20	100	170	SBX	100106
50,5	20-25-32	20-25-32	20	100	250	SBX	100206
64,0	40	40	20	100	330	SBX	100306
77,5	50	50	20	100	380	SBX	100406
91,0	65	65	19	95	440	SBX	100507
106,0	80	80	17	85	440	SBX	100606
130,0	100	100	13	65	600	SBX	100908

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C	max. Test Pressure in bar	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. B	DIN 11853-3 Nom. Width sched. B					
34,0	13,5 - 17,2 - 21,3	13,5 - 17,2 - 21,3	20	100	170	SBX	100106
50,5	26,9 - 33,7	26,9 - 33,7	20	100	250	SBX	100206
64,0	42,4 - 48,3	42,4 - 48,3	20	100	330	SBX	100306
91,0	60,3	60,3	19	95	440	SBX	100507
106,0	76,1	76,1	17	85	440	SBX	100606
119,0	88,9	88,9	14	70	570	SBX	100707

For flange Ø in mm	Tube Sizes/Nom. Sizes		Working pressure in bar at 150° C	max. Test Pressure in bar	Weight (g)	Type	Item-No.
	DIN 11864-3 Nom. Width sched. C	DIN 11853-3 Nom. Width sched. C					
34,0	1/4"-3/4"	1/4"-3/4"	20	100	170	SBX	100106
50,5	1"	1"	20	100	250	SBX	100206
64,0	1 1/2"	1 1/2"	20	100	330	SBX	100306
77,5	2"	2"	20	100	380	SBX	100406
91,0	2 1/2"	2 1/2"	19	95	440	SBX	100507
106,0	3"	3"	17	85	440	SBX	100606
130,0	4"	4"	13	65	600	SBX	100908

V-Clamps

V-clamps are used wherever quick assembly of vessels and pipework is required, where narrow installation space occurs or conventional bolted flanges are too heavy or too expensive. Typical applications are exhaustgaspipework on engines of commercial vehicles, rail, construction machinery, vessels, filterbodies, pumps and instruments in the food-, pharma- and chemical plant construction.



V-Clamp with tension band and toggle lever



V-Clamp with toggle lever, cast lugs, SX-type



V-Clamp cast, SH-type for standard tube/pipe ferrules



V-Clamp, ferrules and gaskets for standard tube/pipe couplings

Stahlcon V-Clamps are produced in workshops certified to ISO9002. Material certifications on demand. TÜV-Certificates are available for several types and sizes of clamps. For standard tube/pipe couplings we supply ferrules and gaskets too.



V-Clamps without Tension Band



Double-hinged V-Clamp cast. Type SH suitable for DIN, ISO, BS, etc. Sizes range from 1/2" through to 6", from DN 08 through to DN150.



Double-hinged V-Clamp, cast. Type SH suitable for DIN, ISO, BS, etc..

Sizes range from 6" through to 12"s.5, from DN150 through to DN300. Completely manufactured in AISI 316 stainless steel and with a highly polished finish.

Available with wingnuts or hexnuts.

These clamps are according to FDA-A3 Standard.



SSH Type Clamp - Heavy duty
for high pressure applications.
Material: AISI 304 or 316 stainless steel



SP Type Clamp - Light Duty
Sizes range from 1" through to 4",
from DN25 through to DN100,
Material AISI 304 stainless steel electropolished

V-Clamps - Slip Joint Connection

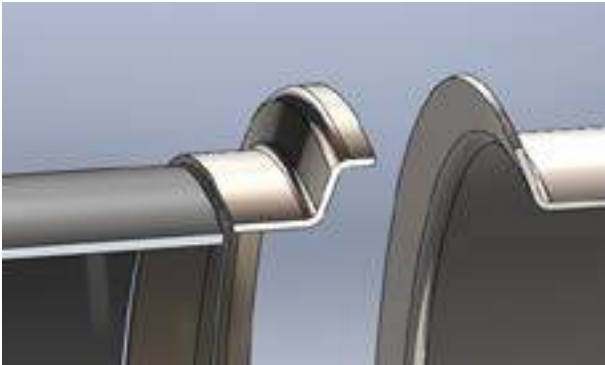


Some Advantages Of The Connection:

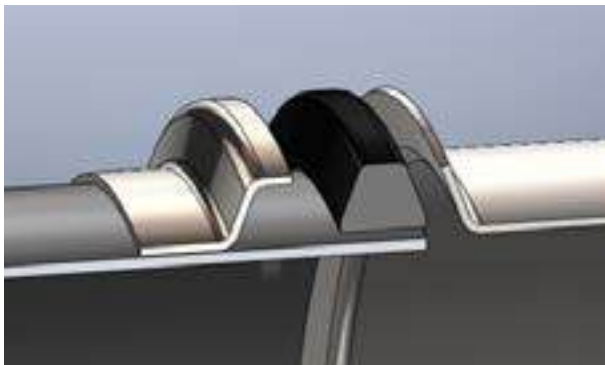
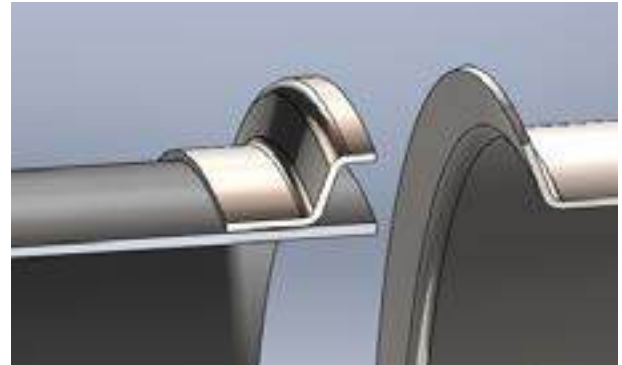
- **Assembly time reduction – speed of assembly**
- **Forgiving regards tolerances – axial and angular**
- **Gas tight seal – even at extremities of tolerances**
- **Absorbs vibration – soft joint not a stiff connection**

The slip joint connection can be delivered for tube diameters from 35 mm (1¼ ") to 349.2 mm (13.75").

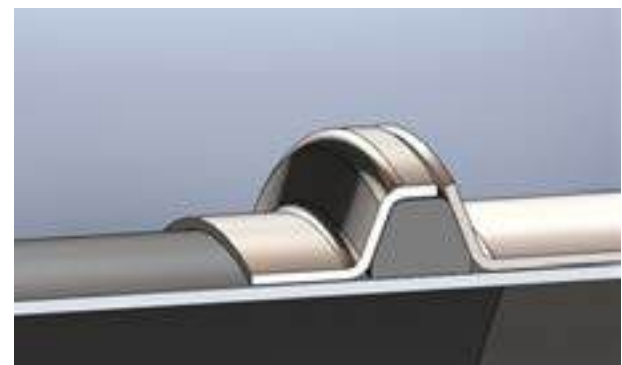
V-Clamps - Slip Joint Connection



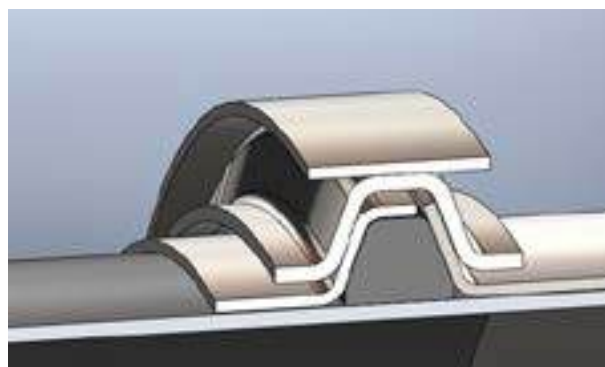
Plain Tube Inserted To Slip Flare



Slip Flare & Seal Slide Onto Plain Tube



Tube Assembly Inserted Into Flared Tube At Desired Offset



Load Is Applied To Clamp, Seal Compresses Gripping The Tube & Creating A Gas Tight Seal



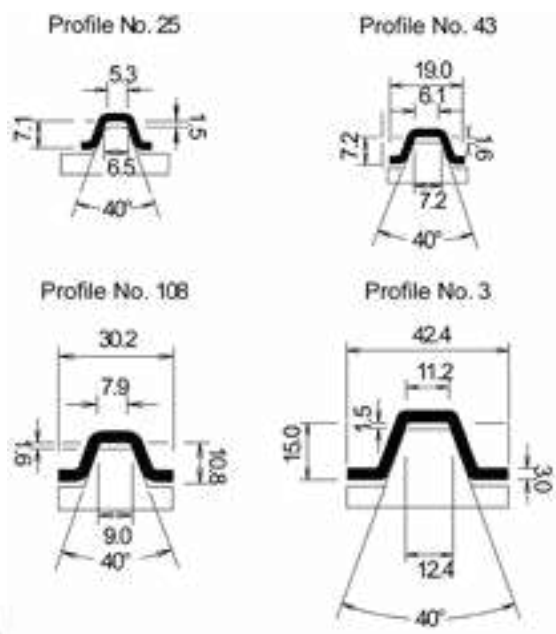
Type SX

V-Clamps without Tension Band

SX-Clamps are used in sterile applications and conform to US-FDA-A3 Standard.

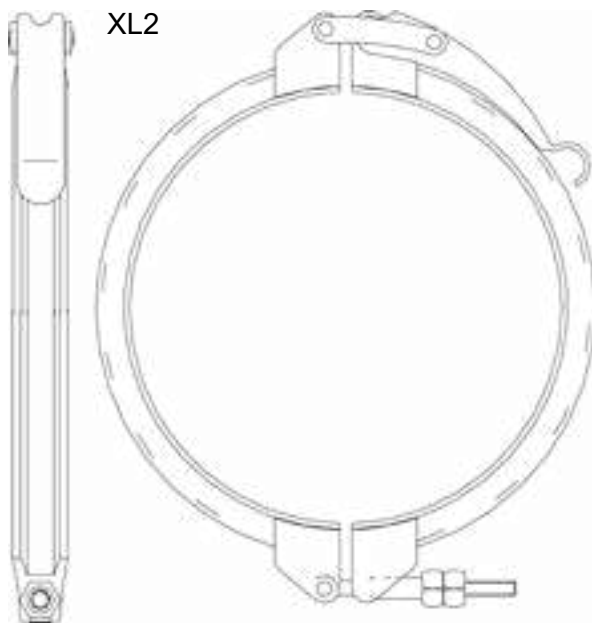
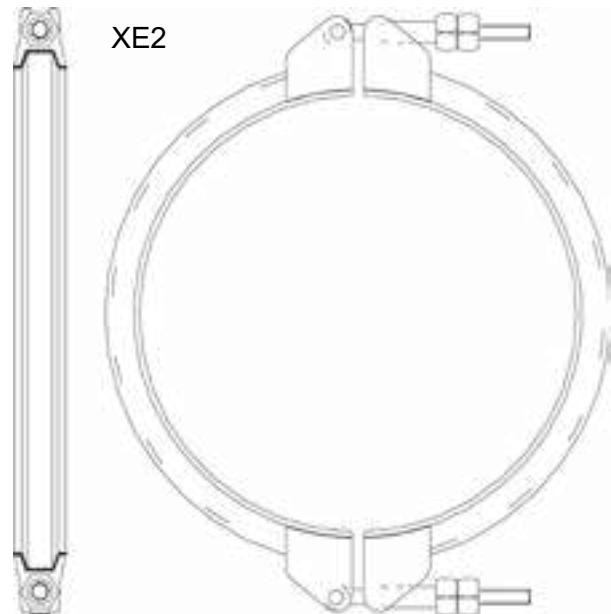
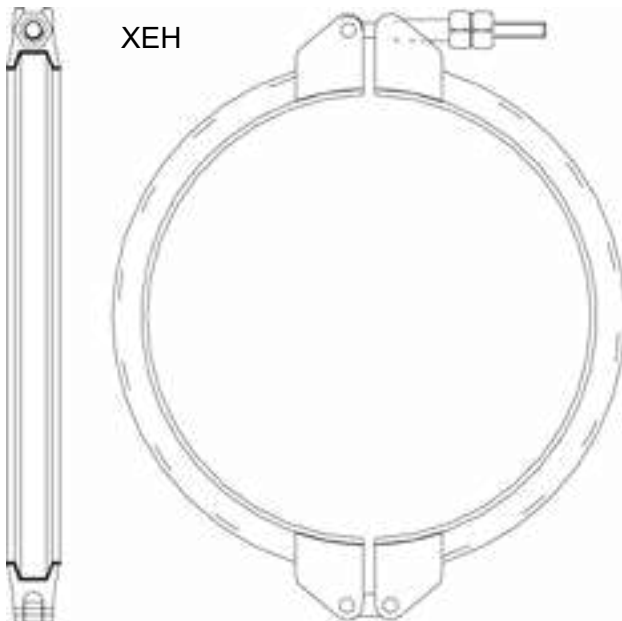
The combination of rolled retainer segments and StSt precision cast lugs at the segment ends guarantees high stability on one hand and various locking assemblies at almost any diameter on the other.

Current Profiles:

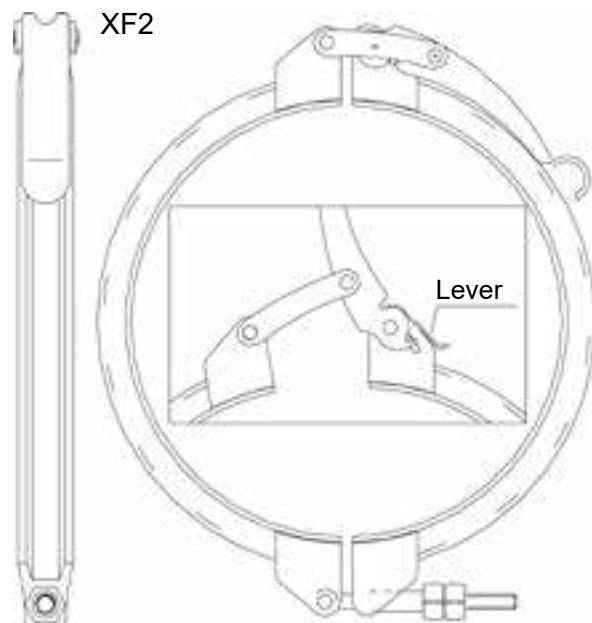


Various retainers and...

... locking styles



Toggle Lever and Swingbolt



Safety Lever and Swingbolt

Example Type SX

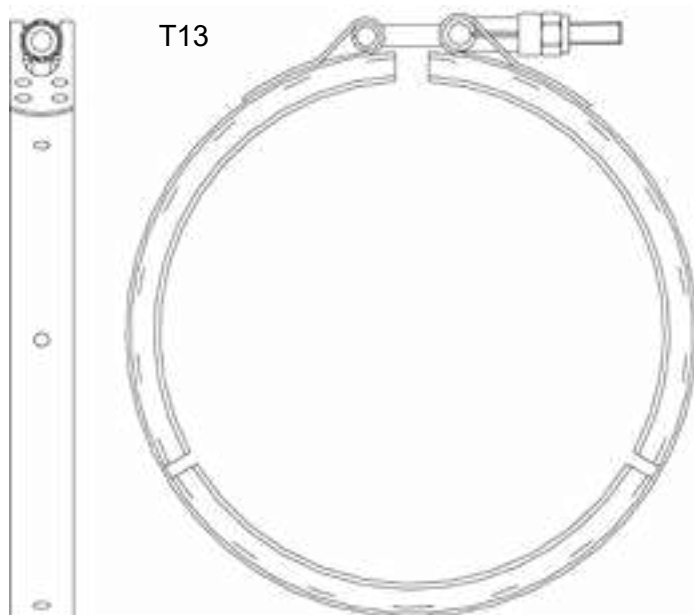
V-Clamps without Tension Band



V-Clamps with Tension Band

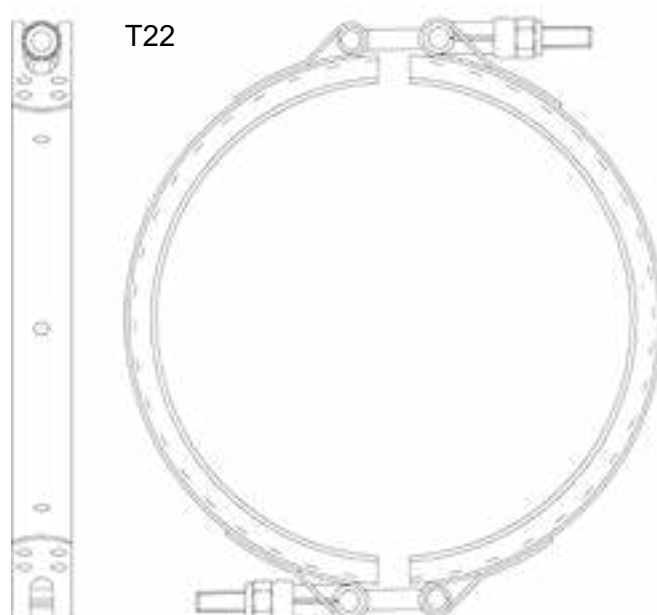
Production to customers requirements, diameters from 50mm to 2000mm,
Material Stainless Steel 304/1.4301, 316/1.4404, others on request





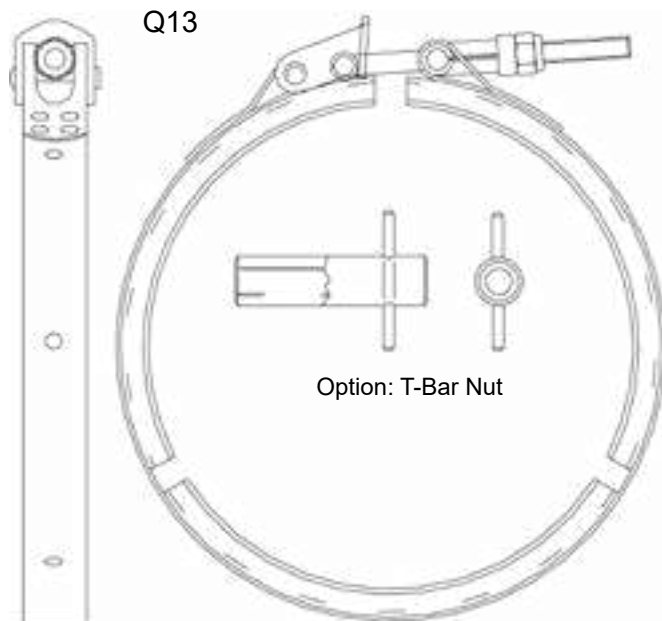
T13

T-Bolt three Segments



T22

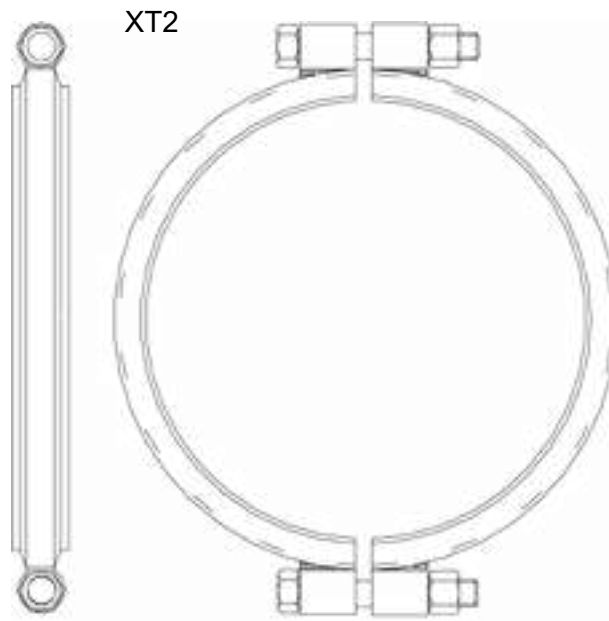
Two T-Bolts, four Segments



Q13

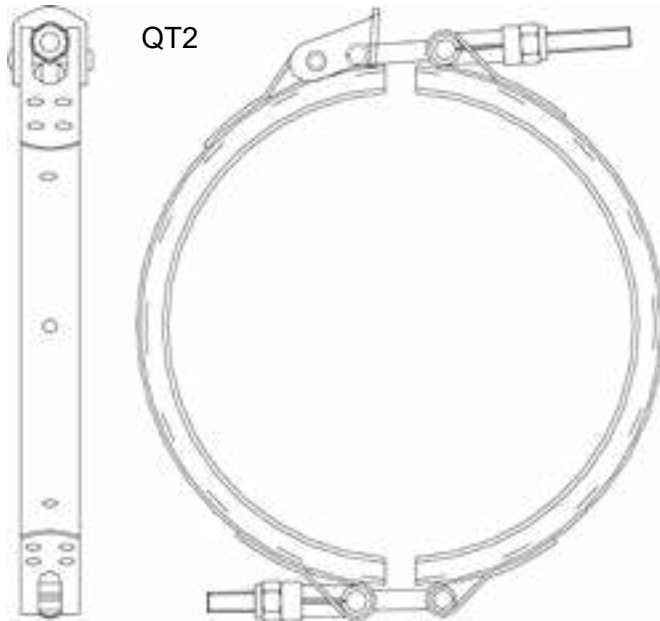
Option: T-Bar Nut

T-Bolt, Quick Coupler, three Segments



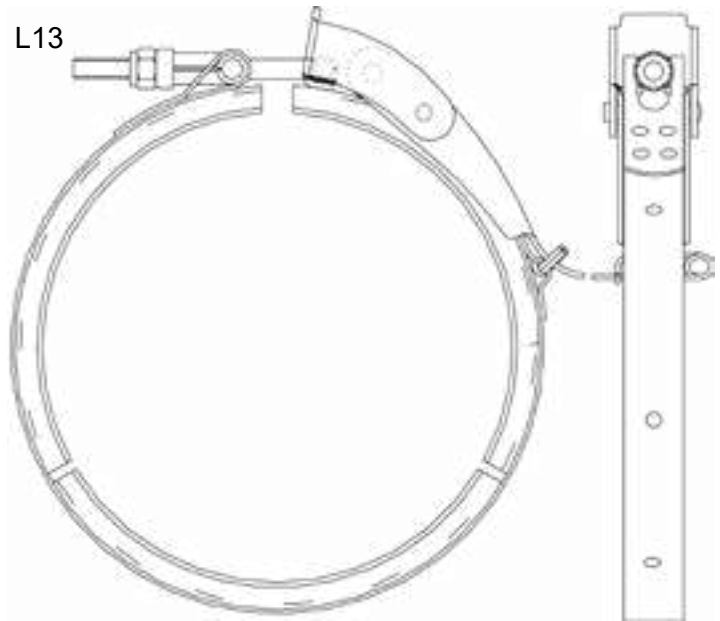
XT2

Two Segments , welded-on Tubes,
Hex bolts and Nuts



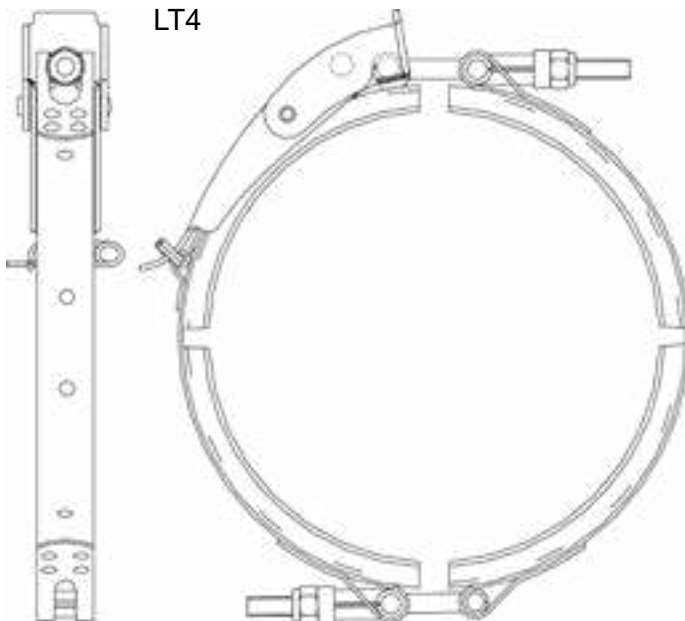
QT2

Two T-Bolts, one Quick Coupler
two Segments



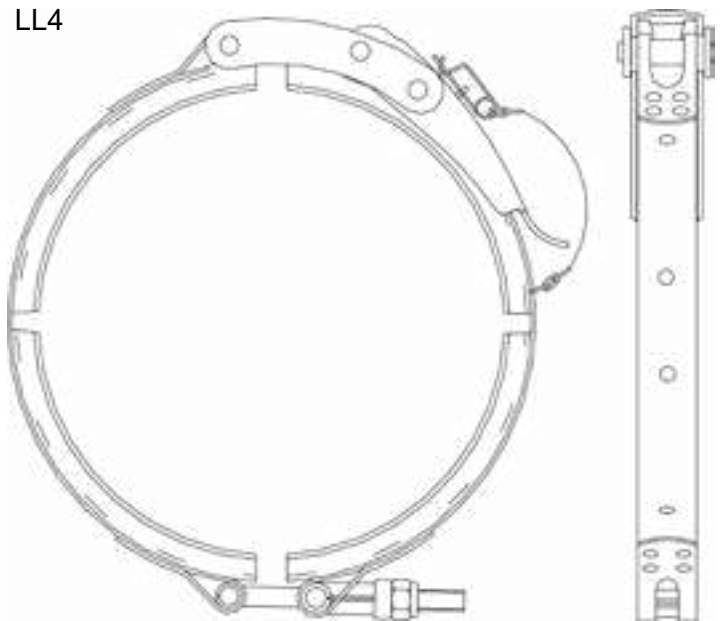
L13

One T-Bolt with Toggle Lever Safety Pin
three Segments



LT4

Two T-Bolts, one Toggle Lever
Safety Pin, four Segments

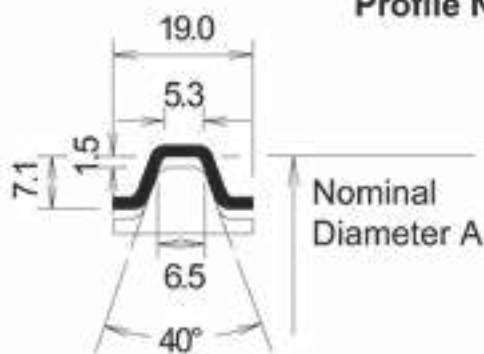


LL4

One T-Bolt, Closed Toggle Lever
Safety Pin, four Segments

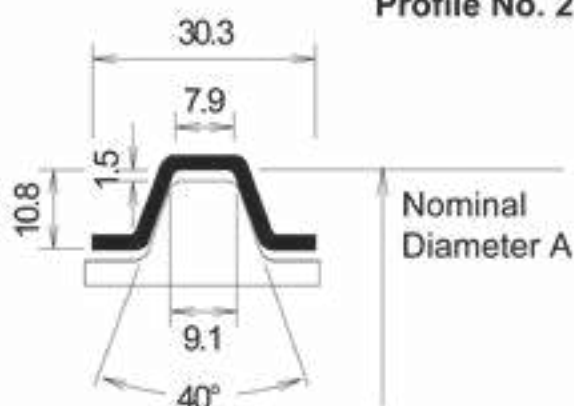


Profile No. 1



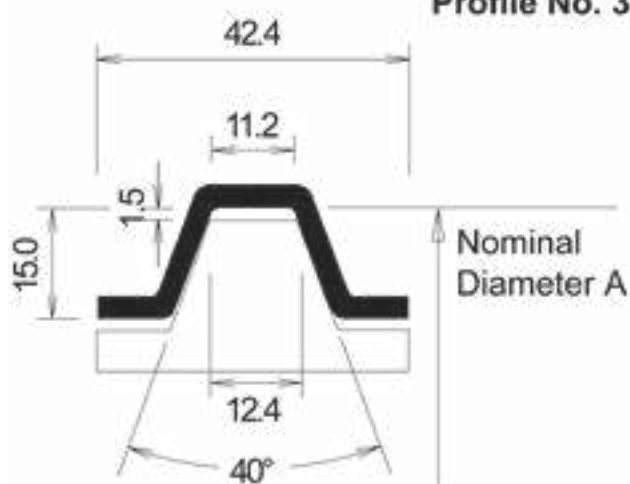
Thickness: 1.2mm

Profile No. 2



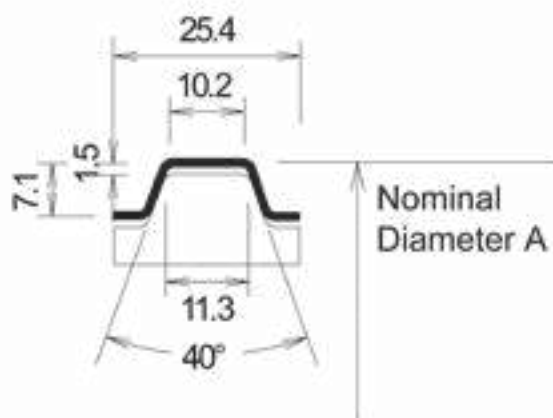
Thickness: 2mm

Profile No. 3



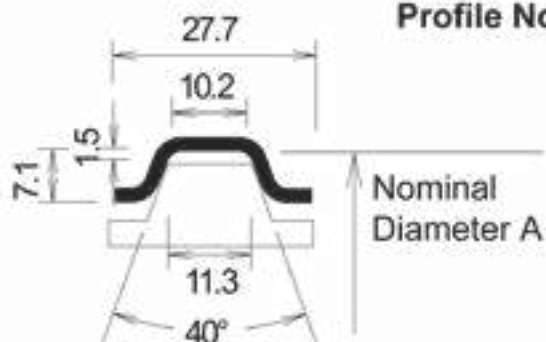
Thickness: 3mm

Profile No. 5



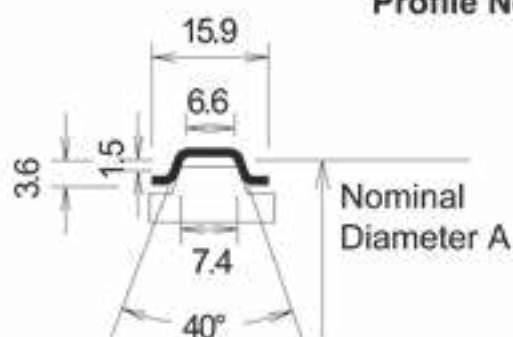
Thickness: 1.2mm

Profile No. 9



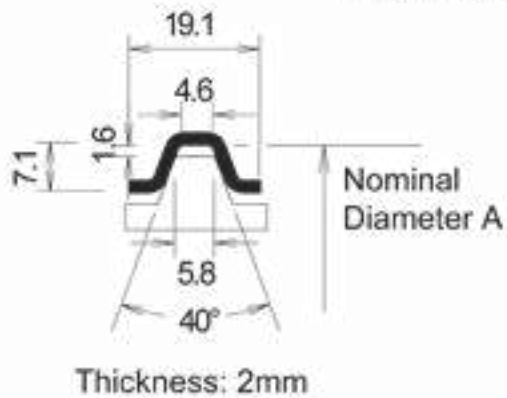
Thickness: 2mm

Profile No. 11

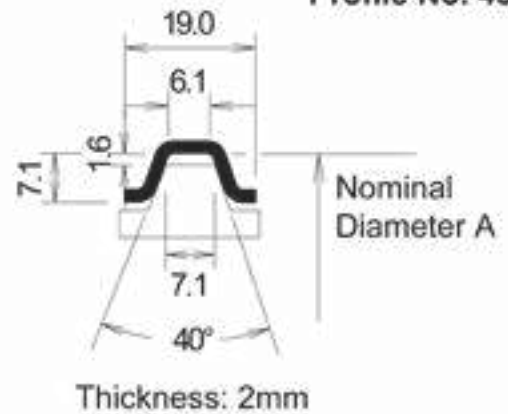


Thickness: 1.2mm

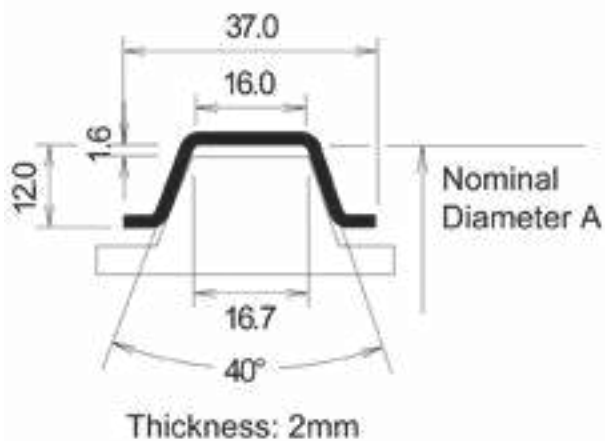
Profile No. 22



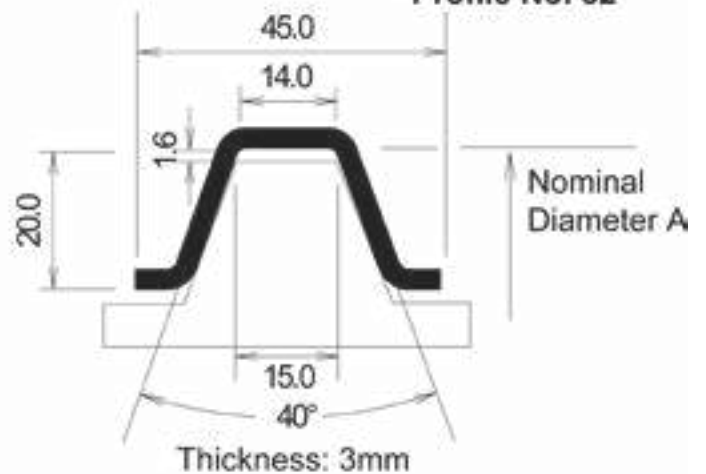
Profile No. 43



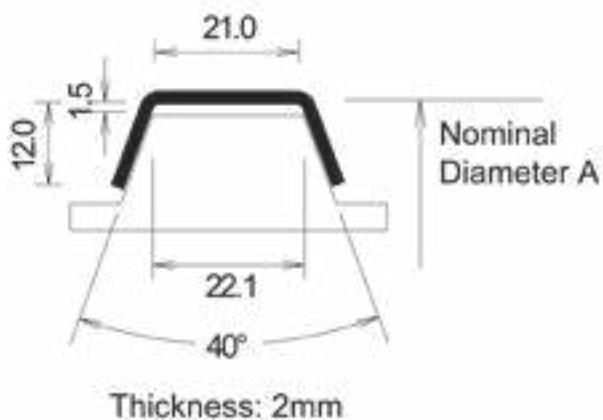
Profile No. 45



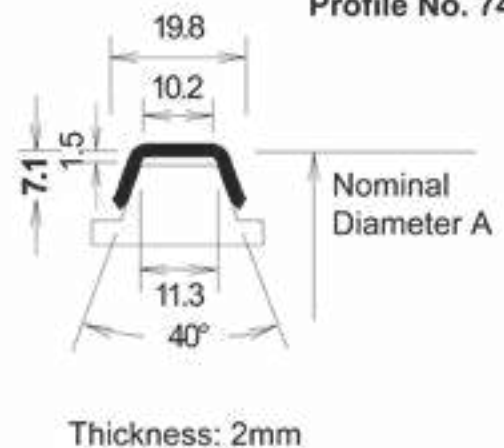
Profile No. 52

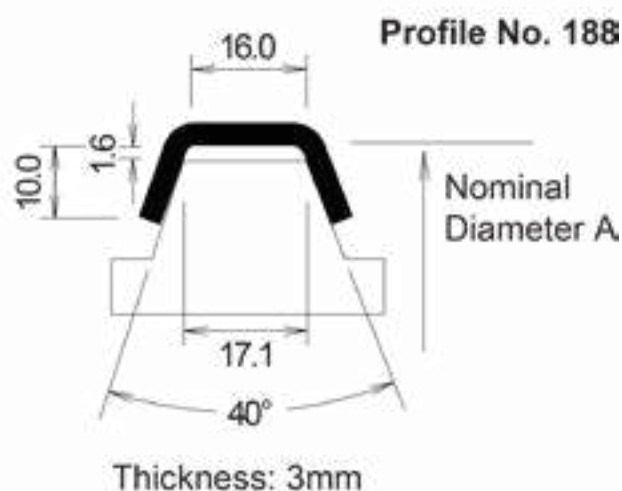
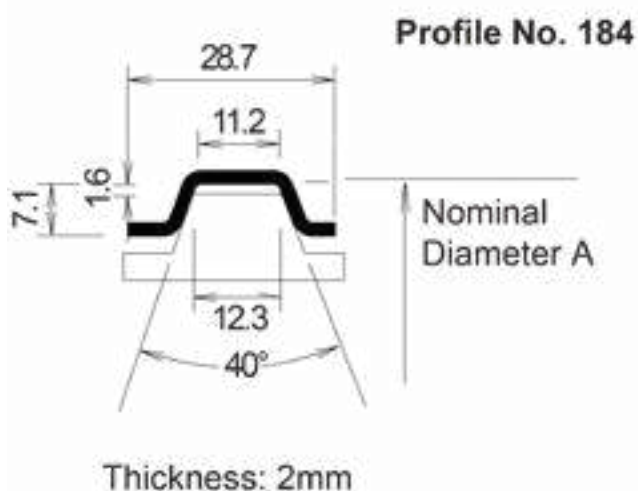
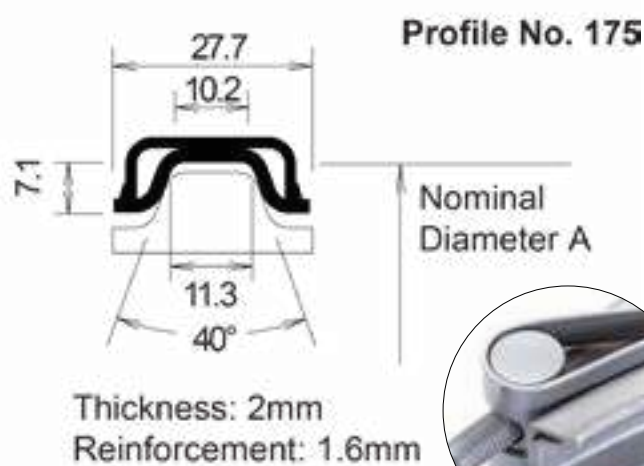
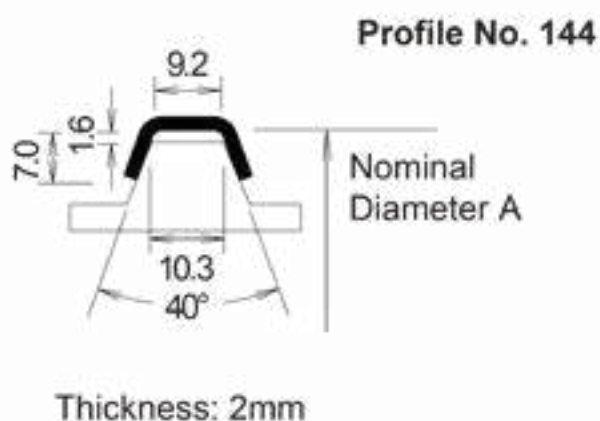
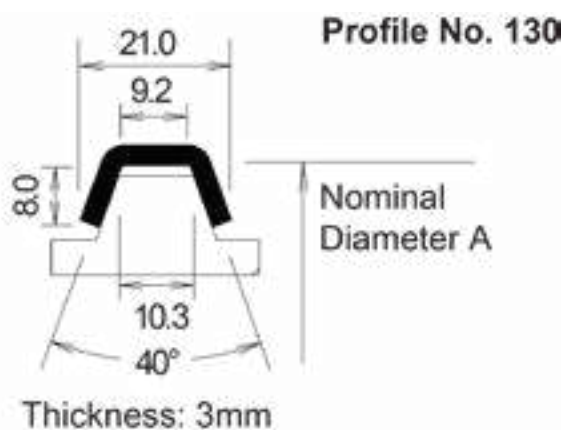
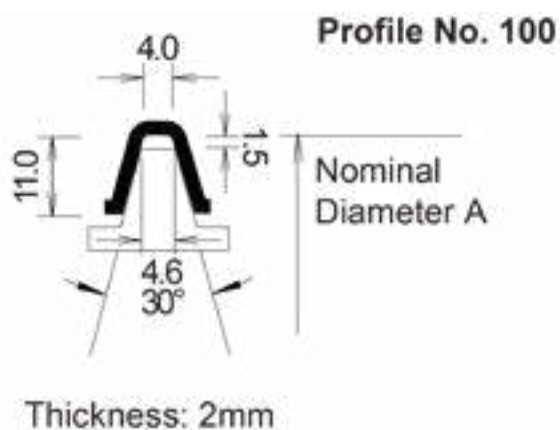


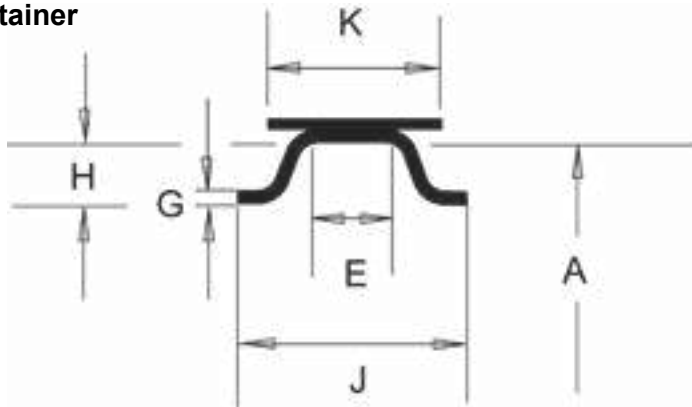
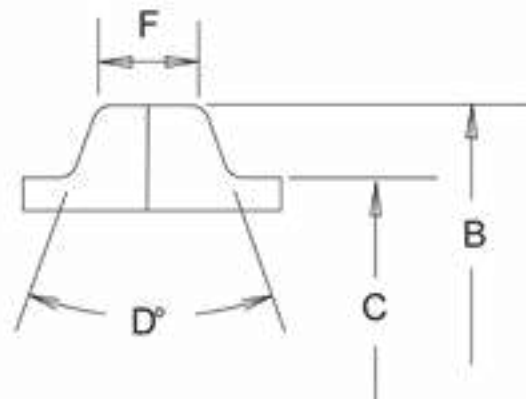
Profile No. 69



Profile No. 74





Retainer

Ferrule


A		mm	Nenndurchmesser		Nominal Diameter	
B		mm	Flansch AD		Flange o.d.	
C		mm	Rohr AD		Pipe o.d.	
D		°	Winkel		Angle	
E		mm	Profilweite		Tip Width	
F		mm	Flanschweite		Flange Width	
G		mm	Profilstärke		Retainer Thickness	
H		mm	Profiltiefe		Retainer Depth	
J		mm	Profilbreite		Retainer Width	
K		mm	Bandweite		Strap Width	
			Werkstoff		Material	
		bar	Betriebsdruck		Working Pressure	
		bar	max. Druck		max. Pressure	
		°C	Betriebstemperatur		Working Temperature	
		°C	max. Temp.		max. Temp.	
		Nm	Momente		Moments	

Besonderheiten:

Bandclamps



Various
Bandwidths

Various
Thicknesses

Various
Locking Assemblies

Material: Stainless Steel,
304 or similar

Surface finish
e-polished on request

Material Certs
on request.



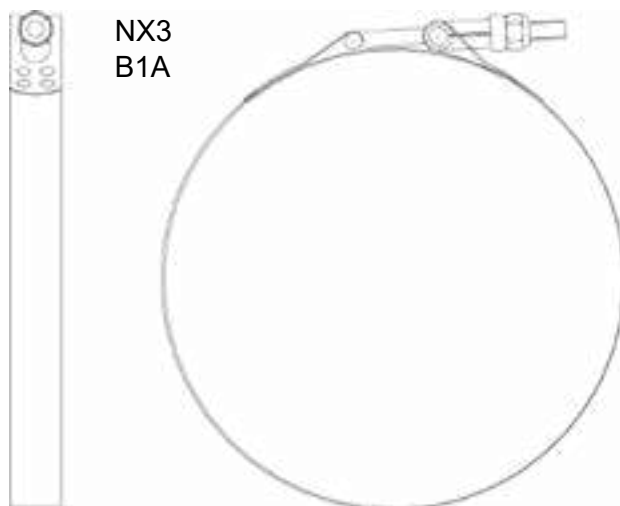
Quick Coupler



Toggle Lever

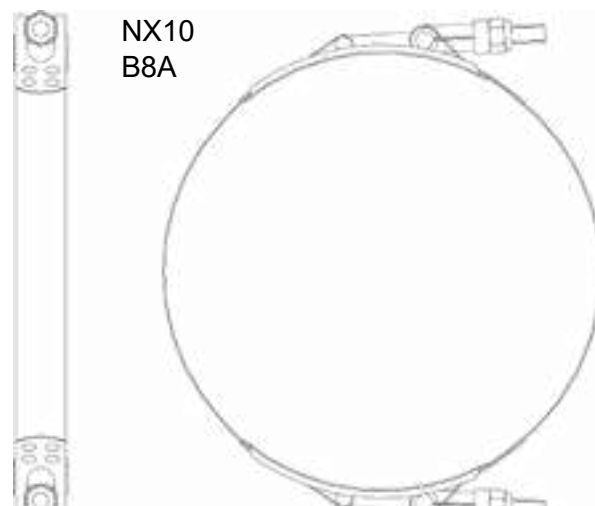


T-Bolt Assembly



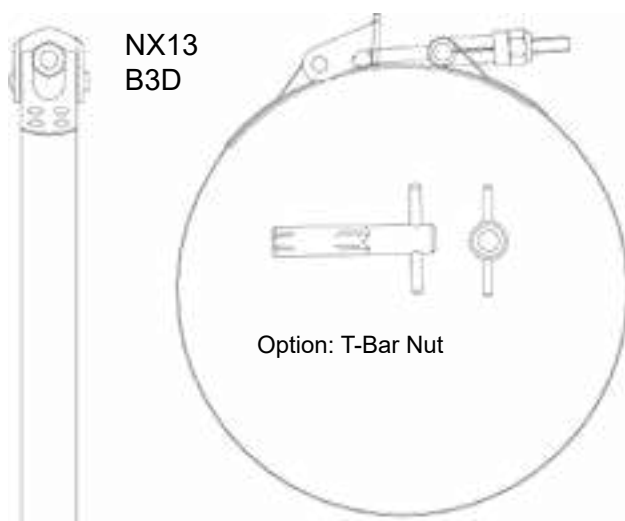
NX3
B1A

T-Bolt, plain tongue



NX10
B8A

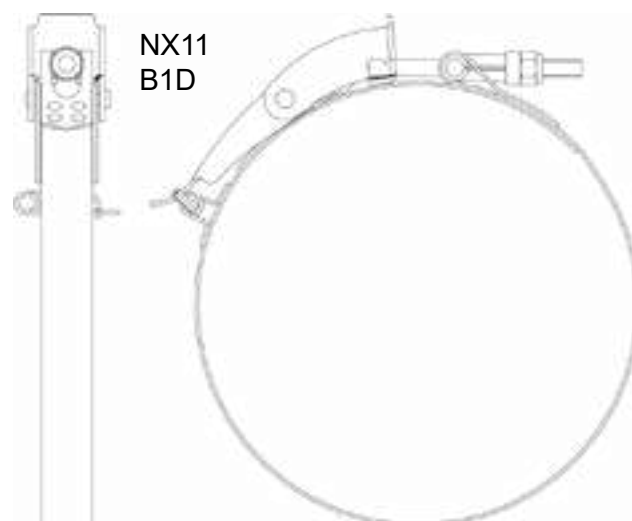
Two T-Bolts, plain tongues



NX13
B3D

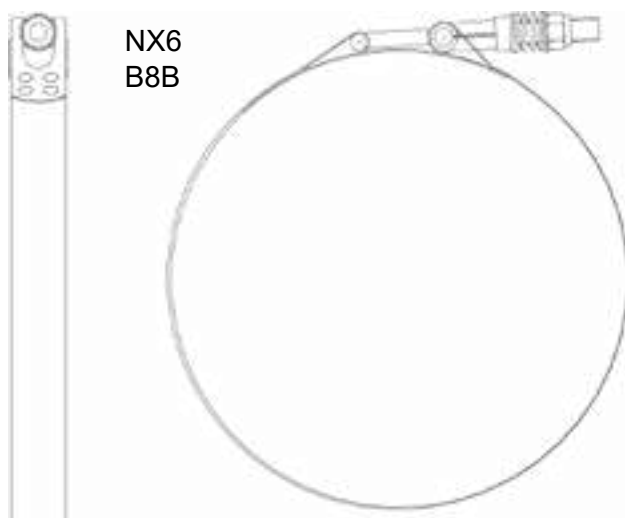
Option: T-Bar Nut

Quick Coupler



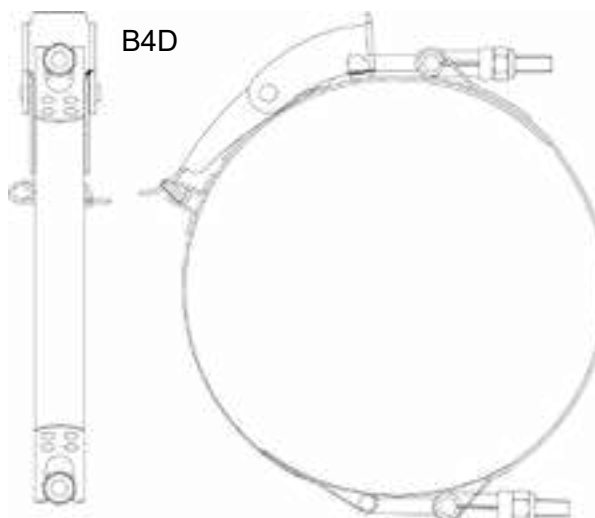
NX11
B1D

Toggle Lever and Safety Pin



NX6
B8B

T-Bolt, Tongue, Spring



B4D

Toggle Lever and T-Bolt

Neoflex and Neorigid



Neoflex and Neorigid



Wide Connecting Clamp originally designed as a leakproof joint on exhaustgas systems.

Materials: Stainless Steel or Zinc plated mild steel.

Typical Applications:

Leakage proof Pipe joints in Exhaustgas Systems, Bulk Handling Systems, Connection to Flexitubes.

Basic Version with overlap Tongue,
Socket head cap screws
Inch or metric



Neoflex:

Designed for high leakage proof requirements.

Equipped with a individually machined light alloy sealing strip to compensate the diameter step.

Neorigid:

... without diameter step.

These Joints are available to Customers requirements at diameters from 45mm

Width: ca. 76mm

Material thickness: 0,4mm (1.4301)





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