



M&S Armaturen GmbH

Rohrverbindungen pipe connections

Rohrverbindungen
pipe connections





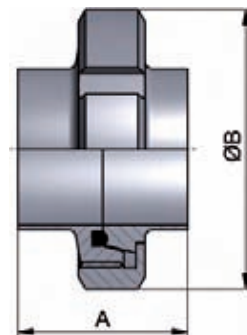
Verschraubungen screwed pipe connections	1
Flanschverbindungen flanged pipe connections	2
Clampverbindungen clamp pipe connections	3
Schlauchverbindungen hose pipe connections	4
Industriefittings industrial fittings	5



1	Verschraubungen screwed pipe connections
2	Flanschverbindungen flanged pipe connections
3	Clampverbindungen clamp pipe connections
4	Schlauchverbindungen hose pipe connections
5	Industriefittings industrial fittings

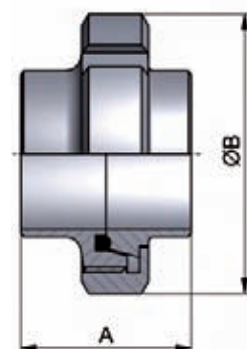
Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Art.-Nr. 11222-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	mat NBR	EUR	bl. NBR	EUR	mat NBR	EUR	
10	34,0	38,0				0,122	-0101200	16,25	-0102200	17,00	-0103200	18,55	-0104200	19,30	
15	34,0	44,0				0,159	-0151200	19,50	-0152200	20,35	-0153200	22,80	-0154200	23,65	
20	36,0	54,0				0,279	-0201200	21,35	-0202200	22,25	-0203200	25,15	-0204200	26,05	
25	45,0	63,0				0,385	-0251200	20,75	-0252200	22,55	-0253200	24,50	-0254200	26,30	
32	51,0	70,0				0,486	-0321200	24,85	-0322200	25,95	-0323200	29,50	-0324200	30,60	
40	53,0	78,0				0,587	-0401200	25,00	-0402200	26,10	-0403200	29,65	-0404200	30,75	
50	57,0	92,0				0,800	-0501200	29,30	-0502200	30,00	-0503200	34,25	-0504200	34,95	
65	65,0	112,0				1,238	-0651200	44,05	-0652200	45,00	-0653200	53,05	-0654200	54,00	
80	75,0	127,0				1,735	-0801200	68,70	-0802200	70,15	-0803200	81,05	-0804200	82,50	
100	89,0	148,0				2,744	-1001200	98,85	-1002200	100,85	-1003200	118,70	-1004200	120,70	
125	70,0	178,0				3,550	-1251200	181,10	-1252200	184,90	-1253200	241,00	-1254200	244,80	
150	76,0	210,0				5,620	-1501200	310,85	-1502200	317,45	-1503200	416,45	-1504200	423,05	

**Verschraubung
DIN 11851-S**
**welding union
DIN 11851-S**

für Rohre gemäß DIN EN 10357
wird in Einzelteilen geliefert

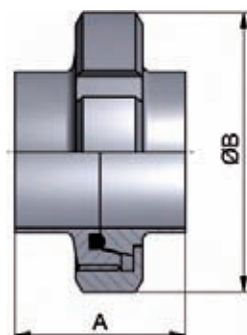
for pipes as per DIN EN 10357
delivered in single components

Art.-Nr. 11202-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	mat NBR	EUR	bl. NBR	EUR	mat NBR	EUR	
10	34,0	38,0			ID 10	0,122	-0101200	16,25	-0102200	17,00	-0103200	18,55	-0104200	19,30	
15	34,0	44,0			ID 16	0,159	-0151200	19,50	-0152200	20,35	-0153200	22,80	-0154200	23,65	
20	36,0	54,0			ID 20	0,279	-0201200	21,35	-0202200	22,25	-0203200	25,15	-0204200	26,05	
25	45,0	63,0			ID 26	0,385	-0251200	20,75	-0252200	22,55	-0253200	24,50	-0254200	26,30	
32	51,0	70,0			ID 32	0,486	-0321200	24,85	-0322200	25,95	-0323200	29,50	-0324200	30,60	
40	53,0	78,0			ID 38	0,587	-0401200	25,00	-0402200	26,10	-0403200	29,65	-0404200	30,75	
50	57,0	92,0			ID 50	0,800	-0501200	29,30	-0502200	30,00	-0503200	34,25	-0504200	34,95	
65	65,0	112,0			ID 66	1,238	-0651200	44,05	-0652200	45,00	-0653200	53,05	-0654200	54,00	
80	75,0	127,0			ID 81	1,735	-0801200	68,70	-0802200	70,15	-0803200	81,05	-0804200	82,50	
100	89,0	148,0			ID 100	2,744	-1001200	98,85	-1002200	100,85	-1003200	118,70	-1004200	120,70	
125	70,0	178,0			ID 125	3,550	-1251200	181,10	-1252200	184,90	-1253200	241,00	-1254200	244,80	
150	76,0	210,0			ID 150	5,620	-1501200	310,85	-1502200	317,45	-1503200	416,45	-1504200	423,05	
200	74,0	260,0			ID 200	6,820	-2001200	1600,70	-2002200	1632,35	-2003200	1969,60	-2004200	2001,25	

Verschraubung S
welding union

für Rohre gemäß DIN EN 10357
wird in Einzelteilen geliefert
ID: Innendurchmesser Rohr

for pipes as per DIN EN 10357
delivered in single components
ID: inside diameter pipe

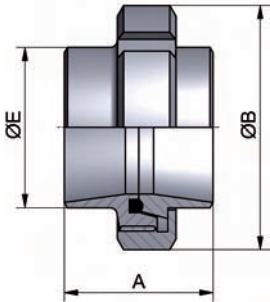
Art.-Nr. 11203-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	mat NBR	EUR	bl. NBR	EUR	mat NBR	EUR	
1"	45,0	63,0			ID 22,9	0,433	-1001200	21,30	-1002200	22,35	-1003200	25,20	-1004200	26,25	
1,5"	53,0	78,0			ID 35,1	0,654	-1121200	25,85	-1122200	27,05	-1123200	30,65	-1124200	31,85	
2"	57,0	92,0			ID 47,8	0,899	-2001200	30,10	-2002200	30,80	-2003200	35,25	-2004200	35,95	
2,5"	65,0	112,0			ID 60,2	1,462	-2121200	45,15	-2122200	46,20	-2123200	54,50	-2124200	55,55	
3"	65,0	119,0			ID 72,8	1,448	-3001200	73,25	-3002200	74,85	-3003200	86,10	-3004200	87,70	
4"	89,0	148,0			ID 97,4	2,777	-4001200	101,45	-4002200	103,60	-4003200	122,10	-4004200	124,25	

Verschraubung Zoll
welding union inch

ID: Innendurchmesser Rohr
wird in Einzelteilen geliefert

ID: inside diameter pipe
delivered in single components

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections
Verschraubung ISO
Art.-Nr. 11208-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
welding union ISO

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	mat NBR	EUR	bl. NBR	EUR	mat NBR	EUR
17,2	34,0	38,0			17,2	0,130	-0101200	22,90	-0102200	23,90	-0103200	32,45	-0104200	33,45
21,3	34,0	44,0			21,3	0,160	-0151200	25,30	-0152200	26,35	-0153200	34,65	-0154200	35,75
26,9	36,0	54,0			26,9	0,290	-0201200	25,35	-0202200	26,45	-0203200	34,65	-0204200	35,75
33,7	45,0	63,0			33,7	0,400	-0251200	27,90	-0252200	29,10	-0253200	37,25	-0254200	38,45
42,4	51,0	70,0			42,4	0,490	-0321200	30,15	-0322200	31,40	-0323200	39,90	-0324200	41,15
48,3	53,0	78,0			48,3	0,610	-0401200	31,00	-0402200	32,10	-0403200	40,60	-0404200	41,70
60,3	57,0	92,0			60,3	0,860	-0501200	35,50	-0502200	36,30	-0503200	46,05	-0504200	46,85
76,1	65,0	112,0			76,1	1,130	-0651200	51,80	-0652200	52,90	-0653200	65,10	-0654200	66,20
88,9	75,0	127,0			88,9	1,800	-0801200	80,25	-0802200	81,90	-0803200	101,60	-0804200	103,25
114,3	89,0	148,0			114,3	2,460	-1001200	114,75	-1002200	117,10	-1003200	141,75	-1004200	144,10
139,7	70,0	178,0			139,7	1,800	-1251200	(+)	-1252200	(+)	-1253200	(+)	-1254200	(+)
168,3	76,0	210,0			168,3	2,460	-1501200	(+)	-1502200	(+)	-1503200	(+)	-1504200	(+)

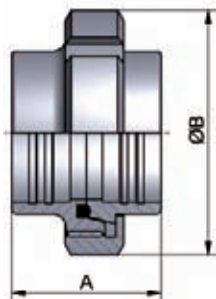


wird in Einzelteilen geliefert

delivered in single components

Verschraubung Walz
Art.-Nr. 11200-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
expanding union

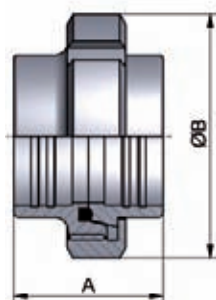
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	mat NBR	EUR	bl. NBR	EUR	mat NBR	EUR
10	34,0	38,0			OD 12	0,131	-0101200	17,80	-0102200	18,55	-0103200	20,25	-0104200	21,00
15	34,0	44,0			OD 18	0,162	-0151200	20,75	-0152200	21,60	-0153200	24,60	-0154200	25,45
20	36,0	54,0			OD 22	0,292	-0201200	22,50	-0202200	23,40	-0203200	26,70	-0204200	27,60
25	45,0	63,0			OD 28	0,399	-0251200	22,25	-0252200	23,20	-0253200	26,10	-0254200	27,05
32	51,0	70,0			OD 34	0,489	-0321200	25,50	-0322200	26,60	-0323200	30,00	-0324200	31,10
40	53,0	78,0			OD 40	0,605	-0401200	25,80	-0402200	26,90	-0403200	30,50	-0404200	31,60
50	57,0	92,0			OD 52	0,856	-0501200	30,20	-0502200	30,90	-0503200	36,05	-0504200	36,75
65	65,0	112,0			OD 70	1,328	-0651200	46,70	-0652200	47,65	-0653200	56,25	-0654200	57,20
80	75,0	127,0			OD 85	1,795	-0801200	72,70	-0802200	74,20	-0803200	86,35	-0804200	87,85
100	89,0	148,0			OD 104	2,459	-1001200	105,40	-1002200	107,50	-1003200	127,90	-1004200	130,00


 OD: Aussendurchmesser Rohr
 wird in Einzelteilen geliefert

 OD: outside diameter pipe
 delivered in single components

Verschraubung Walz
Art.-Nr. 11201-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
Zoll
expanding union
inch

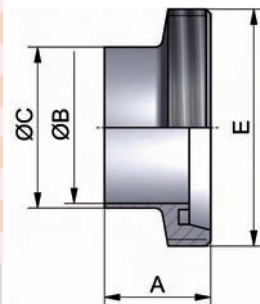
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	mat NBR	EUR	bl. NBR	EUR	mat NBR	EUR
1"	45,0	63,0			OD 25,4	0,433	-1001200	22,55	-1002200	23,50	-1003200	26,80	-1004200	27,75
1,5"	53,0	78,0			OD 38,1	0,654	-1121200	26,70	-1122200	27,85	-1123200	31,70	-1124200	32,85
2"	57,0	92,0			OD 50,8	0,899	-2001200	31,00	-2002200	31,70	-2003200	36,75	-2004200	37,45
2,5"	65,0	112,0			OD 63,5	1,462	-2121200	49,80	-2122200	50,85	-2123200	59,65	-2124200	60,70
3"	65,0	119,0			OD 76,1	1,448	-3001200	81,80	-3002200	83,45	-3003200	98,25	-3004200	99,90
4"	89,0	148,0			OD 101,6	2,777	-4001200	114,70	-4002200	116,95	-4003200	138,00	-4004200	140,25


 OD: Aussendurchmesser Rohr
 wird in Einzelteilen geliefert
 (+) Preis auf Anfrage

 OD: outside diameter pipe
 delivered in single components
 (+) price on inquiry

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections
Art.-Nr. 11320-

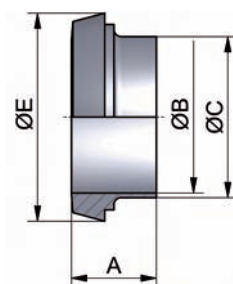
							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	21,0	10,0	13,0		Rd28x1/8	0,030	-0101	6,20	-0102	6,50	-0103	7,90	-0104	8,20
15	21,0	16,0	19,0		Rd34x1/8	0,040	-0151	6,95	-0152	7,25	-0153	8,95	-0154	9,25
20	24,0	20,0	23,0		Rd44x1/6	0,080	-0201	8,25	-0202	8,60	-0203	10,70	-0204	11,05
25	29,0	26,0	29,0		Rd52x1/6	0,120	-0251	7,55	-0252	7,90	-0253	9,75	-0254	10,10
32	32,0	32,0	35,0		Rd58x1/6	0,140	-0321	9,00	-0322	9,40	-0323	11,85	-0324	12,25
40	33,0	38,0	41,0		Rd65x1/6	0,150	-0401	9,30	-0402	9,70	-0403	12,10	-0404	12,50
50	35,0	50,0	53,0		Rd78x1/6	0,240	-0501	10,65	-0502	10,90	-0503	13,85	-0504	14,10
65	40,0	66,0	70,0		Rd95x1/6	0,370	-0651	16,10	-0652	16,45	-0653	21,25	-0654	21,60
80	45,0	81,0	85,0		Rd110x1/4	0,540	-0801	24,85	-0802	25,35	-0803	32,10	-0804	32,60
100	54,0	100,0	104,0		Rd130x1/4	0,700	-1001	36,40	-1002	37,15	-1003	47,90	-1004	48,65
125	46,0	125,0	129,0		Rd160x1/4	1,130	-1251	65,90	-1252	67,25	-1253	97,80	-1254	99,15
150	50,0	150,0	154,0		Rd190x1/4	1,770	-1501	114,00	-1502	116,35	-1503	168,90	-1504	171,25

**Gewindestutzen
DIN 11851-SC**
**welding male part
DIN 11851-SC**

Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2
Dichtungen siehe Seite 11

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2
gaskets see page 11

Art.-Nr. 11420-

							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	17,0	10,0	13,0		22,5	0,010	-0101	3,90	-0102	4,10	-0103	4,30	-0104	4,50
15	17,0	16,0	19,0		28,5	0,010	-0151	4,20	-0152	4,40	-0153	5,15	-0154	5,35
20	18,0	20,0	23,0		36,5	0,040	-0201	4,70	-0202	4,90	-0203	6,05	-0204	6,25
25	22,0	26,0	29,0		44,0	0,070	-0251	4,95	-0252	6,05	-0253	6,50	-0254	7,60
32	25,0	32,0	35,0		50,0	0,120	-0321	6,40	-0322	6,70	-0323	8,20	-0324	8,50
40	26,0	38,0	41,0		56,0	0,130	-0401	6,40	-0402	6,70	-0403	8,25	-0404	8,55
50	28,0	50,0	53,0		68,5	0,150	-0501	7,60	-0502	7,80	-0503	9,35	-0504	9,55
65	32,0	66,0	70,0		86,0	0,310	-0651	10,90	-0652	11,15	-0653	14,75	-0654	15,00
80	37,0	81,0	85,0		100,0	0,380	-0801	17,40	-0802	17,80	-0803	22,50	-0804	22,90
100	44,0	100,0	104,0		121,0	0,600	-1001	26,70	-1002	27,25	-1003	35,05	-1004	35,60
125	34,0	125,0	129,0		150,0	0,760	-1251	51,90	-1252	53,00	-1253	79,90	-1254	81,00
150	37,0	150,0	154,0		176,0	1,030	-1501	98,80	-1502	101,05	-1503	149,50	-1504	151,75

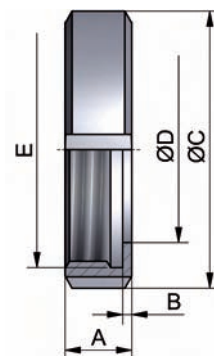
**Kegelstutzen
DIN 11851-SD**
**welding liner
DIN 11851-SD**


auf Anfrage mit APZ 3.1/AD2000-W2

on inquiry with certificate 3.1/AD2000-W2

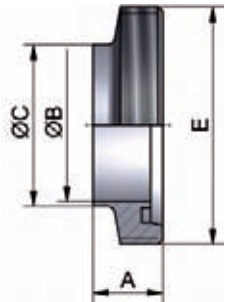
Art.-Nr. 11000-

							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	18,0	3,0	38,0	19,0	Rd28x1/8	0,060	-0101	6,50	-0102	6,00	-0103	8,80	-0104	9,10
15	18,0	3,0	44,0	25,0	Rd34x1/8	0,080	-0151	8,45	-0152	8,80	-0153	10,90	-0154	11,25
20	20,0	3,0	54,0	31,0	Rd44x1/6	0,110	-0201	8,15	-0202	8,50	-0203	11,10	-0204	11,45
25	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65
32	21,0	3,0	70,0	42,0	Rd58x1/6	0,190	-0321	9,15	-0322	9,55	-0323	11,50	-0324	11,90
40	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90
50	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25
65	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10
75	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15
80	29,0	4,0	127,0	94,0	Rd110x1/4	0,720	-0801	25,70	-0802	26,25	-0803	33,25	-0804	33,80
90	30,0	4,0	138,0	104,0	Rd120x1/4	0,920	-0901	49,95	-0902	50,95	-0903	68,85	-0904	69,85
100	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65
125	35,0	5,0	178,0	138,0	Rd160x1/4	1,380	-1251	61,30	-1252	62,65	-1253	89,10	-1254	90,45
150	40,0	6,0	210,0	164,0	Rd190x1/4	2,150	-1501	95,80	-1502	97,80	-1503	148,80	-1504	150,80
200	39,0	6,0	260,0	214,0	Rd240x1/4	2,830	-2001	544,85	-2002	555,75	-2003	720,75	-2004	731,65

Nutmutter F DIN
nut DIN


Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

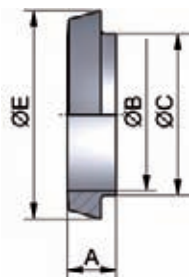
Rd: round thread - on inquiry with certificate 3.1/AD2000-W2

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

**Gewindestutzen
DIN 11851-SKC**
**welding male part
DIN 11851-SKC**

Art.-Nr. 11324-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
10	17,0	10,0	13,0		Rd28x1/8	0,030	-0101	6,65	-0102	6,95	-0103	8,45	-0104	8,75	
15	17,0	16,0	19,0		Rd34x1/8	0,050	-0151	7,40	-0152	7,75	-0153	9,75	-0154	10,05	
20	19,0	20,0	23,0		Rd44x1/6	0,090	-0201	9,00	-0202	9,40	-0203	11,60	-0204	12,00	
25	22,0	26,0	29,0		Rd52x1/6	0,110	-0251	7,60	-0252	7,95	-0253	9,85	-0254	10,30	
32	22,0	32,0	35,0		Rd58x1/6	0,130	-0321	8,95	-0322	9,35	-0323	10,70	-0324	11,10	
40	22,0	38,0	41,0		Rd65x1/6	0,150	-0401	9,80	-0402	10,25	-0403	11,45	-0404	11,85	
50	23,0	50,0	53,0		Rd78x1/6	0,200	-0501	10,80	-0502	11,30	-0503	13,10	-0504	13,35	

 DN65-150 siehe Art.-Nr. 11304 - Rd: Rundgewinde
 auf Anfrage mit APZ 3.1/AD2000-W2
 Dichtungen siehe Seite 11

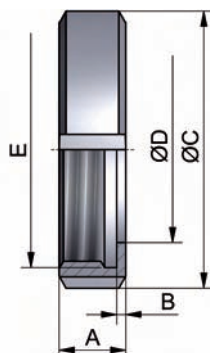
 DN65-150 see item-no. 11304 - Rd: round thread
 on inquiry with certificate 3.1/AD2000-W2
 gaskets see page 11

**Kegelstutzen
DIN 11851-SKD**
**welding liner
DIN 11851-SKD**


Art.-Nr. 11424-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
10	13,0	10,0	13,0		22,5	0,010	-0101	3,80	-0102	4,00	-0103	4,20	-0104	4,40	
15	13,0	16,0	19,0		28,5	0,020	-0151	4,15	-0152	4,35	-0153	5,50	-0154	5,70	
20	13,0	20,0	23,0		36,5	0,040	-0201	4,85	-0202	5,05	-0203	6,25	-0204	6,45	
25	15,0	26,0	29,0		44,0	0,070	-0251	6,20	-0252	6,45	-0253	7,40	-0254	7,65	
32	15,0	32,0	35,0		50,0	0,090	-0321	6,60	-0322	6,90	-0323	8,30	-0324	8,60	
40	15,0	38,0	41,0		56,0	0,090	-0401	6,70	-0402	7,00	-0403	8,35	-0404	8,65	
50	16,0	50,0	53,0		68,5	0,150	-0501	7,90	-0502	8,10	-0503	9,55	-0504	9,75	

 DN65-150 siehe Art.-Nr. 11404
 auf Anfrage mit APZ 3.1/AD2000-W2

 DN65-150 see item-no. 11404
 on inquiry with certificate 3.1/AD2000-W2

Nutmutter F DIN
nut DIN


Art.-Nr. 11000-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
10	18,0	3,0	38,0	19,0	Rd28x1/8	0,060	-0101	6,50	-0102	6,00	-0103	8,80	-0104	9,10	
15	18,0	3,0	44,0	25,0	Rd34x1/8	0,080	-0151	8,45	-0152	8,80	-0153	10,90	-0154	11,25	
20	20,0	3,0	54,0	31,0	Rd44x1/6	0,110	-0201	8,15	-0202	8,50	-0203	11,10	-0204	11,45	
25	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65	
32	21,0	3,0	70,0	42,0	Rd58x1/6	0,190	-0321	9,15	-0322	9,55	-0323	11,50	-0324	11,90	
40	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90	
50	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25	
65	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10	
75	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15	
80	29,0	4,0	127,0	94,0	Rd110x1/4	0,720	-0801	25,70	-0802	26,25	-0803	33,25	-0804	33,80	
90	30,0	4,0	138,0	104,0	Rd120x1/4	0,920	-0901	49,95	-0902	50,95	-0903	68,85	-0904	69,85	
100	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65	
125	35,0	5,0	178,0	138,0	Rd160x1/4	1,380	-1251	61,30	-1252	62,65	-1253	89,10	-1254	90,45	
150	40,0	6,0	210,0	164,0	Rd190x1/4	2,150	-1501	95,80	-1502	97,80	-1503	148,80	-1504	150,80	
200	39,0	6,0	260,0	214,0	Rd240x1/4	2,830	-2001	544,85	-2002	555,75	-2003	720,75	-2004	731,65	

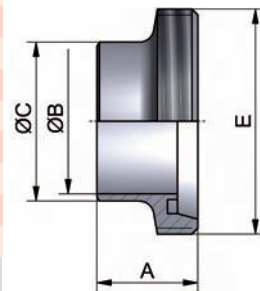
Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Art.-Nr. 11300-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	21,0	10,0	15,0		Rd28x1/8	0,030	-0101	6,20	-0102	6,50	-0103	7,90	-0104	8,20
15	21,0	16,0	21,0		Rd34x1/8	0,040	-0151	6,95	-0152	7,25	-0153	8,95	-0154	9,25
20	24,0	20,0	25,0		Rd44x1/6	0,080	-0201	8,25	-0202	8,60	-0203	10,70	-0204	11,05
25	29,0	26,0	31,0		Rd52x1/6	0,120	-0251	7,55	-0252	7,90	-0253	9,75	-0254	10,10
32	32,0	32,0	37,0		Rd58x1/6	0,140	-0321	9,00	-0322	9,40	-0323	11,85	-0324	12,25
40	33,0	38,0	43,0		Rd65x1/6	0,150	-0401	9,30	-0402	9,70	-0403	12,10	-0404	12,50
50	35,0	50,0	55,0		Rd78x1/6	0,240	-0501	10,65	-0502	10,90	-0503	13,85	-0504	14,10
65	40,0	66,0	72,0		Rd95x1/6	0,370	-0651	16,10	-0652	16,45	-0653	21,25	-0654	21,60
80	45,0	81,0	87,0		Rd110x1/4	0,540	-0801	24,85	-0802	25,35	-0803	32,10	-0804	32,60
90	45,0	89,0	95,0		Rd120x1/4	0,650	-0901	53,70	-0902	54,80	-0903	63,65	-0904	64,75
100	54,0	100,0	106,0		Rd130x1/4	0,700	-1001	36,40	-1002	37,15	-1003	47,90	-1004	48,65
125	46,0	125,0	132,0		Rd160x1/4	1,130	-1251	65,90	-1252	67,25	-1253	97,80	-1254	99,15
150	50,0	150,0	157,0		Rd190x1/4	1,770	-1501	114,00	-1502	116,35	-1503	168,90	-1504	171,25
200	50,0	200,0	213,0		Rd240x1/4	2,490	-2001	581,15	-2002	592,80	-2003	775,25	-2004	786,90

Rd: Rundgewinde - Dichtungen siehe Seite 11
auf Anfrage mit APZ 3.1/AD2000-W2

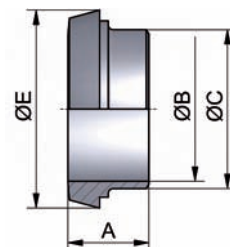
Rd: round thread - gaskets see page 11
on inquiry with certificate 3.1/AD2000-W2

Gewindestutzen SC

welding male part

Art.-Nr. 11400-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	17,0	10,0	15,0		22,5	0,010	-0101	3,90	-0102	4,10	-0103	4,30	-0104	4,50
15	17,0	16,0	21,0		28,5	0,010	-0151	4,30	-0152	4,50	-0153	5,15	-0154	5,35
20	18,0	20,0	25,0		36,5	0,040	-0201	4,70	-0202	4,90	-0203	6,05	-0204	6,25
25	22,0	26,0	31,0		44,0	0,070	-0251	4,95	-0252	6,05	-0253	6,50	-0254	7,60
32	25,0	32,0	37,0		50,0	0,120	-0321	6,40	-0322	6,70	-0323	8,20	-0324	8,50
40	26,0	38,0	43,0		56,0	0,130	-0401	6,40	-0402	6,70	-0403	8,25	-0404	8,55
50	28,0	50,0	55,0		68,5	0,150	-0501	7,60	-0502	7,80	-0503	9,35	-0504	9,55
65	32,0	66,0	72,0		86,0	0,310	-0651	10,90	-0652	11,15	-0653	14,75	-0654	15,00
80	37,0	81,0	87,0		100,0	0,380	-0801	17,40	-0802	17,80	-0803	22,50	-0804	22,90
90	35,0	89,0	95,0		111,0	0,450	-0901	38,60	-0902	39,40	-0903	48,85	-0904	49,65
100	44,0	100,0	106,0		121,0	0,600	-1001	26,70	-1002	27,25	-1003	35,05	-1004	35,60
125	34,0	125,0	132,0		150,0	0,760	-1251	51,90	-1252	53,00	-1253	79,90	-1254	81,00
150	37,0	150,0	157,0		176,0	1,030	-1501	98,80	-1502	101,05	-1503	149,50	-1504	151,75
200	39,0	200,0	213,0		226,0	1,450	-2001	454,05	-2002	463,15	-2003	628,85	-2004	637,95

auf Anfrage mit APZ 3.1/AD2000-W2

on inquiry with certificate 3.1/AD2000-W2

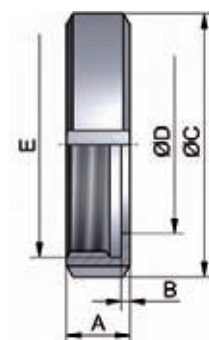

Kegelstutzen SD

welding liner

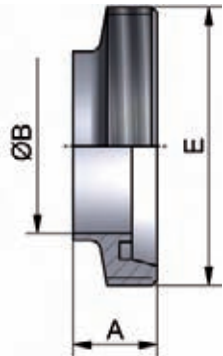
Art.-Nr. 11000-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	18,0	3,0	38,0	19,0	Rd28x1/8	0,060	-0101	6,50	-0102	6,00	-0103	8,80	-0104	9,10
15	18,0	3,0	44,0	25,0	Rd34x1/8	0,080	-0151	8,45	-0152	8,80	-0153	10,90	-0154	11,25
20	20,0	3,0	54,0	31,0	Rd44x1/6	0,110	-0201	8,15	-0202	8,50	-0203	11,10	-0204	11,45
25	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65
32	21,0	3,0	70,0	42,0	Rd58x1/6	0,190	-0321	9,15	-0322	9,55	-0323	11,50	-0324	11,90
40	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90
50	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25
65	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10
75	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15
80	29,0	4,0	127,0	94,0	Rd110x1/4	0,720	-0801	25,70	-0802	26,25	-0803	33,25	-0804	33,80
90	30,0	4,0	138,0	104,0	Rd120x1/4	0,920	-0901	49,95	-0902	50,95	-0903	68,85	-0904	69,85
100	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65
125	35,0	5,0	178,0	138,0	Rd160x1/4	1,380	-1251	61,30	-1252	62,65	-1253	89,10	-1254	90,45
150	40,0	6,0	210,0	164,0	Rd190x1/4	2,150	-1501	95,80	-1502	97,80	-1503	148,80	-1504	150,80
200	39,0	6,0	260,0	214,0	Rd240x1/4	2,830	-2001	544,85	-2002	555,75	-2003	720,75	-2004	731,65

Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2


Nutmutter F DIN

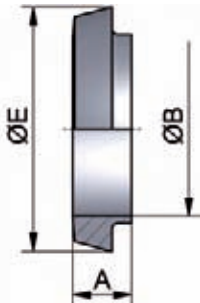
nut DIN

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections
Gewindestutzen SKC
Art.-Nr. 11304-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
welding male part short


DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
10	17,5	9,0			Rd28x1/8	0,030	-0101	6,65	-0102	6,95	-0103	8,45	-0104	8,75
15	17,5	15,0			Rd34x1/8	0,050	-0151	7,40	-0152	7,70	-0153	9,75	-0154	10,05
20	19,5	19,0			Rd44x1/6	0,090	-0201	9,00	-0202	9,40	-0203	11,60	-0204	12,00
25	22,5	25,0			Rd52x1/6	0,110	-0251	7,60	-0252	7,95	-0253	9,85	-0254	10,20
32	22,5	31,0			Rd58x1/6	0,130	-0321	8,95	-0322	9,35	-0323	10,70	-0324	11,10
40	22,5	37,0			Rd65x1/6	0,150	-0401	9,80	-0402	10,20	-0403	11,45	-0404	11,85
50	23,5	49,0			Rd78x1/6	0,200	-0501	10,80	-0502	11,05	-0503	13,10	-0504	13,35
65	25,5	66,0			Rd95x1/6	0,280	-0651	13,70	-0652	14,00	-0653	18,00	-0654	18,30
80	25,5	81,0			Rd110x1/4	0,420	-0801	22,65	-0802	23,15	-0803	29,35	-0804	29,85
100	30,5	100,0			Rd130x1/4	0,530	-1001	32,15	-1002	32,80	-1003	42,65	-1004	43,30
125	35,5	125,0			Rd160x1/4	0,980	-1251	58,20	-1252	60,85	-1253	87,50	-1254	91,45
150	40,0	150,0			Rd190x1/4	1,610	-1501	101,50	-1502	91,45	-1503	150,60	-1504	157,40

 Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2
 Dichtungen siehe Seite 11

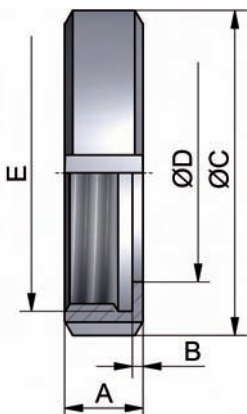
 Rd: round thread - on inquiry with certificate 3.1/AD2000-W2
 gaskets see page 11

Kegelstutzen SKD
Art.-Nr. 11404-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
welding liner short


DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
10	13,5	9,0			22,5	0,010	-0101	3,90	-0102	4,10	-0103	4,20	-0104	4,40
15	13,5	15,0			28,5	0,020	-0151	4,15	-0152	4,35	-0153	5,50	-0154	5,70
20	13,5	19,0			36,5	0,040	-0201	4,85	-0202	5,05	-0203	6,25	-0204	6,45
25	15,5	25,0			44,0	0,070	-0251	6,20	-0252	6,45	-0253	7,40	-0254	7,65
32	15,5	31,0			50,0	0,090	-0321	6,60	-0322	6,90	-0323	8,30	-0324	8,60
40	15,5	37,0			56,0	0,090	-0401	6,70	-0402	7,00	-0403	8,35	-0404	8,65
50	16,5	49,0			68,5	0,150	-0501	7,90	-0502	8,10	-0503	9,55	-0504	9,75
65	17,5	66,0			86,0	0,210	-0651	10,20	-0652	10,45	-0653	14,15	-0654	14,40
80	17,5	81,0			100,0	0,240	-0801	16,05	-0802	16,40	-0803	20,65	-0804	21,00
100	20,5	100,0			121,0	0,380	-1001	25,85	-1002	26,40	-1003	34,25	-1004	34,80
125	23,5	125,0			150,0	0,970	-1251	42,60	-1252	44,60	-1253	70,30	-1254	73,50
150	27,0	150,0			176,0	0,870	-1501	81,00	-1502	84,70	-1503	131,60	-1504	137,60

auf Anfrage mit APZ 3.1/AD2000-W2

on inquiry with certificate 3.1/AD2000-W2

Nutmutter F DIN
Art.-Nr. 11000-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
nut DIN


DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
10	18,0	3,0	38,0	19,0	Rd28x1/8	0,060	-0101	6,50	-0102	6,00	-0103	8,80	-0104	9,10
15	18,0	3,0	44,0	25,0	Rd34x1/8	0,080	-0151	8,45	-0152	8,80	-0153	10,90	-0154	11,25
20	20,0	3,0	54,0	31,0	Rd44x1/6	0,110	-0201	8,15	-0202	8,50	-0203	11,10	-0204	11,45
25	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65
32	21,0	3,0	70,0	42,0	Rd58x1/6	0,190	-0321	9,15	-0322	9,55	-0323	11,50	-0324	11,90
40	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90
50	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25
65	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10
75	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15
80	29,0	4,0	127,0	94,0	Rd110x1/4	0,720	-0801	25,70	-0802	26,25	-0803	33,25	-0804	33,80
90	30,0	4,0	138,0	104,0	Rd120x1/4	0,920	-0901	49,95	-0902	50,95	-0903	68,85	-0904	69,85
100	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65
125	35,0	5,0	178,0	138,0	Rd160x1/4	1,380	-1251	61,30	-1252	62,65	-1253	89,10	-1254	90,45
150	40,0	6,0	210,0	164,0	Rd190x1/4	2,150	-1501	95,80	-1502	97,80	-1503	148,80	-1504	150,80
200	39,0	6,0	260,0	214,0	Rd240x1/4	2,830	-2001	544,85	-2002	555,75	-2003	720,75	-2004	731,65

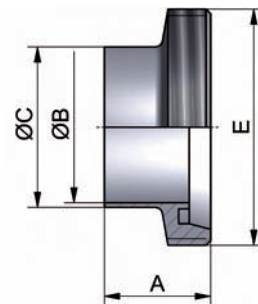
Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Art.-Nr. 11301-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	29,0	22,9	25,4		Rd52x1/6	0,100	-1001	7,90	-1002	8,30	-1003	10,15	-1004	10,55
1,5"	33,0	35,1	38,1		Rd65x1/6	0,160	-1121	9,70	-1122	10,15	-1123	12,60	-1124	13,05
2"	35,0	47,8	50,8		Rd78x1/6	0,220	-2001	11,10	-2002	11,35	-2003	14,45	-2004	14,70
2,5"	40,0	60,2	63,5		Rd95x1/6	0,360	-2121	16,75	-2122	17,15	-2123	22,10	-2124	22,50
3"	40,0	72,8	76,1		Rd104x1/6	0,420	-3001	25,85	-3002	26,40	-3003	33,40	-3004	33,95
4"	54,0	97,4	101,6		Rd130x1/4	0,640	-4001	37,90	-4002	38,75	-4003	49,85	-4004	50,70

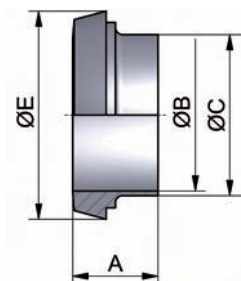
Rd: Rundgewinde - für Zoll-Rohre
auf Anfrage mit APZ 3.1/AD2000-W2
Dichtungen siehe Seite 11

Rd: round thread - for inch-pipes
on inquiry with certificate 3.1/AD2000-W2
gaskets see page 11

Gewindestutzen Zoll
welding male part inch

Art.-Nr. 11401-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	22,0	22,9	25,4		44,0	0,080	-1001	5,15	-1002	5,45	-1003	6,80	-1004	7,10
1,5"	26,0	35,1	38,1		56,0	0,130	-1121	6,70	-1122	7,05	-1123	8,60	-1124	8,95
2"	28,0	47,8	50,8		68,5	0,180	-2001	7,95	-2002	8,15	-2003	9,75	-2004	9,95
2,5"	32,0	60,2	63,5		86,0	0,330	-2121	11,35	-2122	11,65	-2123	15,35	-2124	15,65
3"	32,0	72,8	76,1		93,0	0,310	-3001	18,10	-3002	18,55	-3003	23,40	-3004	23,85
4"	44,0	97,4	101,6		121,0	0,670	-4001	27,80	-4002	28,40	-4003	36,50	-4004	37,10

für Zoll-Rohre - auf Anfrage mit APZ 3.1/AD2000-W2

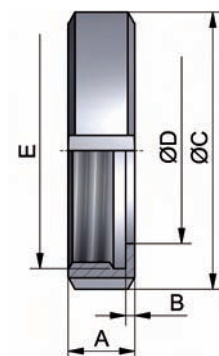
for inch-pipes - on inquiry with certificate 3.1/AD2000-W2


Kegelstutzen Zoll
welding liner inch

Art.-Nr. 11000-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65
1,5"	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90
2"	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25
2,5"	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10
3"	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15
4"	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65

Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2

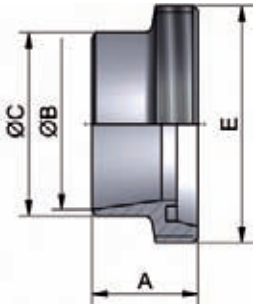

Nutmutter F Zoll
nut inch

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Gewindestutzen ISO welding male part ISO	Art.-Nr. 11308-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	17,2	21,0	14,2	17,2		Rd28x1/8	0,030	-0101	10,25	-0102	10,70	-0103	16,10	-0104	16,55
	21,3	21,0	18,1	21,3		Rd34x1/8	0,040	-0151	10,50	-0152	10,95	-0153	16,25	-0154	16,70
	26,9	24,0	23,7	26,9		Rd44x1/6	0,080	-0201	10,65	-0202	11,10	-0203	16,40	-0204	16,85
	33,7	29,0	29,7	33,7		Rd52x1/6	0,110	-0251	10,75	-0252	11,20	-0253	16,10	-0254	16,55
	42,4	32,0	38,4	42,4		Rd58x1/6	0,140	-0321	11,25	-0322	11,70	-0323	16,75	-0324	17,20
	48,3	33,0	44,3	48,3		Rd65x1/6	0,190	-0401	12,00	-0402	12,50	-0403	17,40	-0404	17,90
	60,3	35,0	56,3	60,3		Rd78x1/6	0,250	-0501	13,80	-0502	14,10	-0503	19,70	-0504	20,00
	76,1	40,0	71,5	76,1		Rd95x1/6	0,370	-0651	20,45	-0652	20,90	-0653	27,60	-0654	28,05
	88,9	45,0	84,3	88,9		Rd110x1/4	0,560	-0801	31,30	-0802	31,95	-0803	43,70	-0804	44,35
	114,3	54,0	109,1	114,3		Rd130x1/4	0,810	-1001	43,45	-1002	44,35	-1003	59,80	-1004	60,70
	139,7	46,0	134,5	139,7		Rd160x1/4	1,130	-1251	90,60	-1252	92,45	-1253	122,10	-1254	123,95
	168,3	50,0	163,1	168,3		Rd190x1/4	1,770	-1501	139,35	-1502	142,15	-1503	202,40	-1504	205,20

Rd: Rundgewinde - für Rohre gem. DIN EN ISO 1127
auf Anfrage mit APZ 3.1/AD2000-W2
Dichtungen siehe Seite 11

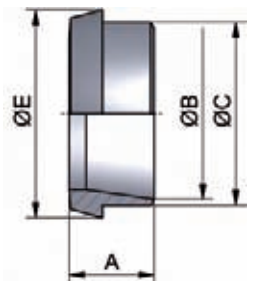
Rd: round thread - for pipes as per DIN EN ISO 1127
on inquiry with certificate 3.1/AD2000-W2
gaskets see page 11



Kegelstutzen ISO welding liner ISO	Art.-Nr. 11408-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	17,2	17,0	14,2	17,2		22,5	0,010	-0101	5,90	-0102	6,15	-0103	9,60	-0104	9,85
	21,3	17,0	18,1	21,3		28,5	0,020	-0151	6,10	-0152	6,35	-0153	9,70	-0154	9,95
	26,9	18,0	23,7	26,9		36,5	0,040	-0201	6,30	-0202	6,60	-0203	9,85	-0204	10,15
	33,7	22,0	29,7	33,7		44,0	0,070	-0251	8,90	-0252	9,30	-0253	12,90	-0254	13,30
	42,4	25,0	38,4	42,4		50,0	0,110	-0321	9,45	-0322	9,85	-0323	13,70	-0324	14,10
	48,3	26,0	44,3	48,3		56,0	0,130	-0401	9,70	-0402	9,90	-0403	13,90	-0404	14,10
	60,3	28,0	56,3	60,3		68,5	0,190	-0501	10,65	-0502	10,90	-0503	15,30	-0504	15,55
	76,1	32,0	71,5	76,1		86,0	0,290	-0651	14,30	-0652	14,60	-0653	20,45	-0654	20,75
	88,9	37,0	84,3	88,9		100,0	0,360	-0801	22,50	-0802	22,95	-0803	31,45	-0804	31,90
	114,3	44,0	109,1	114,3		121,0	0,670	-1001	35,55	-1002	36,30	-1003	46,20	-1004	46,95
	139,7	34,0	134,5	139,7		150,0	0,760	-1251	77,65	-1252	79,25	-1253	143,55	-1254	145,15
	168,3	37,0	163,1	168,3		176,0	1,030	-1501	135,15	-1502	137,90	-1503	195,75	-1504	198,50

für Rohre gem. DIN EN ISO 1127
auf Anfrage mit APZ 3.1/AD2000-W2

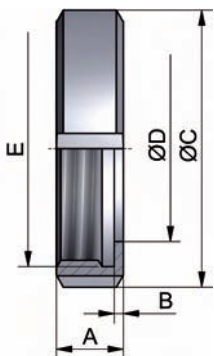
for pipes as per DIN EN ISO 1127
on inquiry with certificate 3.1/AD2000-W2



Nutmutter F ISO nut inch ISO	Art.-Nr. 1100-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	17,2	18,0	3,0	38,0	19,0	Rd28x1/8	0,060	-00101	6,50	-00102	6,00	-00103	8,80	-00104	9,10
	21,3	18,0	3,0	44,0	25,0	Rd34x1/8	0,080	-00151	8,45	-00152	8,80	-00153	10,90	-00154	11,25
	26,9	20,0	3,0	54,0	31,0	Rd44x1/6	0,110	-00201	8,15	-00202	8,50	-00203	11,10	-00204	11,45
	33,7	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-00251	7,95	-00252	8,30	-00253	10,30	-00254	10,65
	42,4	21,0	3,0	70,0	43,0	Rd58x1/6	0,190	-80321	14,40	-80322	14,40	-80323	24,70	-80324	24,70
	48,3	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-00401	8,95	-00402	9,35	-00403	12,50	-00404	12,90
	60,3	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-00501	10,65	-00502	10,90	-00503	14,00	-00504	14,25
	76,1	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-00651	16,50	-00652	16,85	-00653	21,75	-00654	22,10
	88,9	29,0	4,0	127,0	94,0	Rd110x1/4	0,720	-00801	25,70	-00802	26,25	-00803	33,25	-00804	33,80
	114,3	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-01001	34,65	-01002	35,35	-01003	45,95	-01004	46,65
	139,7	35,0	5,0	178,0	141,0	Rd160x1/4	1,380	-81251	100,35	-81252	100,35	-81253	217,50	-81254	217,50
	168,3	40,0	6,0	210,0	169,0	Rd190x1/4	2,150	-81501	171,15	-81502	171,15	-81503	307,05	-81504	307,05

Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2

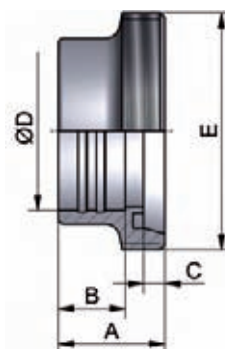


Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Art.-Nr. 10500-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	21,0	12,0	4,0	12,2	Rd28x1/8	0,030	-0101	7,45	-0102	7,75	-0103	9,05	-0104	9,35
15	21,0	12,0	4,0	18,2	Rd34x1/8	0,050	-0151	7,65	-0152	7,95	-0153	10,00	-0154	10,30
20	24,0	12,0	6,0	22,2	Rd44x1/6	0,100	-0201	9,00	-0202	9,35	-0203	11,70	-0204	12,05
25	29,0	15,0	7,0	28,2	Rd52x1/6	0,120	-0251	8,10	-0252	8,45	-0253	10,70	-0254	11,05
32	32,0	18,0	7,0	34,2	Rd58x1/6	0,150	-0321	9,45	-0322	9,85	-0323	12,15	-0324	12,55
40	33,0	20,0	7,0	40,2	Rd65x1/6	0,200	-0401	9,65	-0402	10,05	-0403	12,55	-0404	12,95
50	35,0	22,0	7,0	52,2	Rd78x1/6	0,290	-0501	11,10	-0502	11,35	-0503	14,60	-0504	14,85
65	40,0	25,0	8,0	70,4	Rd95x1/6	0,440	-0651	17,35	-0652	17,70	-0653	23,05	-0654	23,40
80	45,0	28,0	8,0	85,4	Rd110x1/4	0,580	-0801	26,90	-0802	27,45	-0803	34,80	-0804	35,35
100	54,0	35,0	10,0	104,4	Rd130x1/4	0,870	-1001	39,75	-1002	40,55	-1003	52,75	-1004	53,55

Gewindestutzen C (Walz)

expanding male part

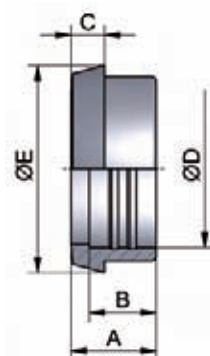

Rd: Rundgewinde
Dichtungen siehe Seite 11

Rd: round thread
gaskets see page 11

Art.-Nr. 10600-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	17,0	12,0	6,0	12,2	22,5	0,020	-0101	3,60	-0102	3,75	-0103	4,45	-0104	4,60
15	17,0	12,0	6,0	18,2	28,5	0,030	-0151	4,40	-0152	4,60	-0153	5,90	-0154	6,10
20	18,0	12,0	8,0	22,2	36,5	0,050	-0201	5,10	-0202	5,30	-0203	6,60	-0204	6,80
25	22,0	15,0	10,0	28,2	44,0	0,090	-0251	5,90	-0252	6,15	-0253	7,15	-0254	7,40
32	25,0	18,0	10,0	34,2	50,0	0,110	-0321	6,60	-0322	6,90	-0323	8,40	-0324	8,70
40	26,0	20,0	10,0	40,2	56,0	0,140	-0401	6,85	-0402	7,15	-0403	8,65	-0404	8,95
50	28,0	22,0	11,0	52,2	68,5	0,220	-0501	8,05	-0502	8,25	-0503	10,40	-0504	10,60
65	32,0	25,0	12,0	70,4	86,0	0,310	-0651	12,30	-0652	12,55	-0653	16,15	-0654	16,40
80	37,0	28,0	12,0	85,4	100,0	0,400	-0801	19,35	-0802	19,75	-0803	25,10	-0804	25,50
100	44,0	35,0	15,0	104,4	121,0	0,680	-1001	29,90	-1002	30,50	-1003	39,40	-1004	40,00

Kegelstutzen D (Walz)

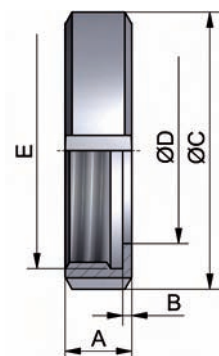
expanding liner



Art.-Nr. 11000-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	18,0	3,0	38,0	19,0	Rd28x1/8	0,060	-0101	6,50	-0102	6,00	-0103	8,80	-0104	9,10
15	18,0	3,0	44,0	25,0	Rd34x1/8	0,080	-0151	8,45	-0152	8,80	-0153	10,90	-0154	11,25
20	20,0	3,0	54,0	31,0	Rd44x1/6	0,110	-0201	8,15	-0202	8,50	-0203	11,10	-0204	11,45
25	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65
32	21,0	3,0	70,0	42,0	Rd58x1/6	0,190	-0321	9,15	-0322	9,55	-0323	11,50	-0324	11,90
40	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90
50	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25
65	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10
75	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15
80	29,0	4,0	127,0	94,0	Rd110x1/4	0,720	-0801	25,70	-0802	26,25	-0803	33,25	-0804	33,80
90	30,0	4,0	138,0	104,0	Rd120x1/4	0,920	-0901	49,95	-0902	50,95	-0903	68,85	-0904	69,85
100	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65
125	35,0	5,0	178,0	138,0	Rd160x1/4	1,380	-1251	61,30	-1252	62,65	-1253	89,10	-1254	90,45
150	40,0	6,0	210,0	164,0	Rd190x1/4	2,150	-1501	95,80	-1502	97,80	-1503	148,80	-1504	150,80
200	39,0	6,0	260,0	214,0	Rd240x1/4	2,830	-2001	544,85	-2002	555,75	-2003	720,75	-2004	731,65

Nutmutter F DIN

nut DIN



Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

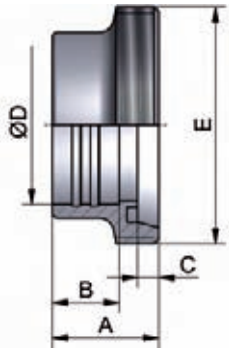
Rd: round thread - on inquiry with certificate 3.1/AD2000-W2

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

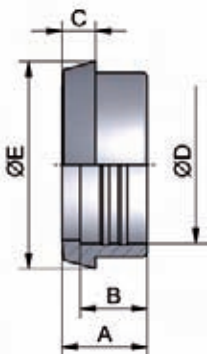
Gewindestutzen Zoll (Walz) expanding male part inch	Art.-Nr. 10501-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	29,0	15,0	7,0	25,6	Rd52x1/6	0,150	-1001	8,40	-1002	8,75	-1003	10,95	-1004	11,30	
1,5"	33,0	20,0	7,0	38,3	Rd65x1/6	0,220	-1121	10,25	-1122	10,70	-1123	13,20	-1124	13,65	
2"	35,0	22,0	7,0	51,0	Rd78x1/6	0,310	-2001	11,70	-2002	11,95	-2003	15,00	-2004	15,25	
2,5"	40,0	25,0	8,0	63,8	Rd95x1/6	0,470	-2121	18,85	-2122	19,25	-2123	24,40	-2124	24,80	
3"	40,0	25,0	8,0	76,4	Rd104x1/6	0,540	-3001	28,30	-3002	28,85	-3003	37,00	-3004	37,55	
4"	54,0	35,0	10,0	101,9	Rd130x1/4	1,000	-4001	45,80	-4002	46,70	-4003	59,20	-4004	60,10	

Rd: Rundgewinde
Dichtungen siehe Seite 11

Rd: round thread
gaskets see page 11



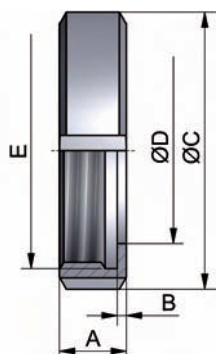
Kegelstutzen Zoll (Walz) expanding liner inch	Art.-Nr. 10601-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	22,0	15,0	10,0	25,6	44,0	0,100	-1001	5,90	-1002	6,15	-1003	7,60	-1004	7,85	
1,5"	26,0	20,0	10,0	38,3	56,0	0,160	-1121	7,15	-1122	7,45	-1123	9,20	-1124	9,50	
2"	28,0	22,0	11,0	51,0	68,5	0,220	-2001	8,25	-2002	8,45	-2003	10,70	-2004	10,90	
2,5"	32,0	25,0	12,0	63,8	86,0	0,430	-2121	13,90	-2122	14,20	-2123	18,20	-2124	18,50	
3"	32,0	25,0	12,0	76,4	93,0	0,350	-3001	24,20	-3002	24,70	-3003	31,95	-3004	32,45	
4"	44,0	35,0	15,0	101,9	121,0	0,800	-4001	33,15	-4002	33,80	-4003	43,05	-4004	43,70	



Nutmutter F Zoll nut inch	Art.-Nr. 11000-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	21,0	3,0	63,0	36,0	Rd52x1/6	0,160	-0251	7,95	-0252	8,30	-0253	10,30	-0254	10,65	
1,5"	21,0	3,0	78,0	49,0	Rd65x1/6	0,240	-0401	8,95	-0402	9,35	-0403	12,50	-0404	12,90	
2"	22,0	3,0	92,0	62,0	Rd78x1/6	0,320	-0501	10,65	-0502	10,90	-0503	14,00	-0504	14,25	
2,5"	25,0	4,0	112,0	80,0	Rd95x1/6	0,530	-0651	16,50	-0652	16,85	-0653	21,75	-0654	22,10	
3"	25,0	4,0	119,0	88,0	Rd104x1/6	0,500	-0751	27,55	-0752	28,15	-0753	36,55	-0754	37,15	
4"	31,0	5,0	148,0	115,0	Rd130x1/4	0,970	-1001	34,65	-1002	35,35	-1003	45,95	-1004	46,65	

Rd: Rundgewinde - auf Anfrage mit APZ 3.1/AD2000-W2

Rd: round thread - on inquiry with certificate 3.1/AD2000-W2



Art.-Nr. 11100-

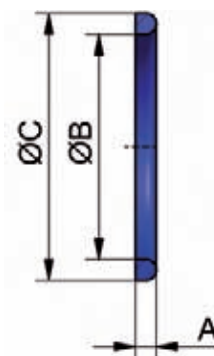
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
10	4,5	12,0	20,0			0,001	-0100100	0,80	-0100200	0,25	-0100300	0,35	-0100400	2,45
15	4,5	18,0	26,0			0,002	-0150100	0,85	-0150200	0,25	-0150300	0,40	-0150400	2,50
20	4,5	23,0	33,0			0,003	-0200100	0,95	-0200200	0,25	-0200300	0,40	-0200400	2,85
25/1"	5,0	30,0	40,0			0,003	-0250100	1,00	-0250200	0,30	-0250300	0,45	-0250400	2,90
32/1,25"	5,0	36,0	46,0			0,004	-0320100	1,20	-0320200	0,30	-0320300	0,50	-0320400	3,35
40/1,5"	5,0	42,0	52,0			0,004	-0400100	1,40	-0400200	0,35	-0400300	0,55	-0400400	3,60
50/2"	5,0	54,0	64,0			0,005	-0500100	1,55	-0500200	0,40	-0500300	0,70	-0500400	4,15
65/2,5"	5,0	71,0	81,0			0,006	-0650100	2,20	-0650200	0,55	-0650300	1,00	-0650400	5,70
75/3"	5,0	78,0	88,0			0,008	-0750100	5,60	-0750200	1,75	-0750300	3,90	-0750400	13,10
80	5,0	85,0	95,0			0,008	-0800100	2,65	-0800200	0,75	-0800300	1,15	-0800400	7,00
90	5,0	94,0	104,0			0,010	-0900100	5,80	-0900200	1,90	-0900300	2,25	-0900400	16,90
100/4"	6,0	104,0	114,0			0,012	-1000100	4,60	-1000200	1,10	-1000300	1,45	-1000400	12,45
125	7,0	130,0	142,0			0,018	-1250100	6,45	-1250200	2,00	-1250300	2,90	-1250400	21,45
150	7,0	155,0	167,0			0,023	-1500100	7,95	-1500200	2,25	-1500300	3,70	-1500400	24,85
200	7,0	204,0	216,0			0,036	-2000100	30,35	-2000200	20,65	-2000300	23,80	-2000400	101,35

weitere Werkstoffe auf Anfrage

other gasket materials on inquiry

Dichtring G

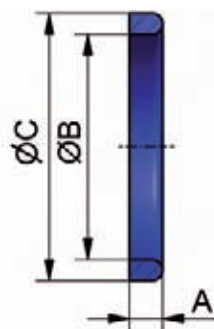
gasket


Art.-Nr. 11110-

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
25	8,0	30,0	40,0			0,005	-0250100	3,90	-0250200	1,70	-0250300	1,80	-0250400	9,10
32	8,0	36,0	46,0			0,006	-0320100	4,80	-0320200	1,80	-0320300	2,20	-0320400	11,50
40	8,0	42,0	52,0			0,007	-0400100	7,90	-0400200	2,00	-0400300	2,10	-0400400	12,95
50	8,0	54,0	64,0			0,009	-0500100	6,95	-0500200	1,85	-0500300	2,35	-0500400	14,25
65	8,0	71,0	81,0			0,012	-0650100	8,00	-0650200	2,60	-0650300	3,25	-0650400	16,90
80	8,0	85,0	95,0			0,014	-0800100	9,20	-0800200	2,95	-0800300	3,55	-0800400	18,85
100	8,0	104,0	114,0			0,016	-1000100	9,50	-1000200	3,25	-1000300	4,05	-1000400	22,95

Dichtring G (erhöht)

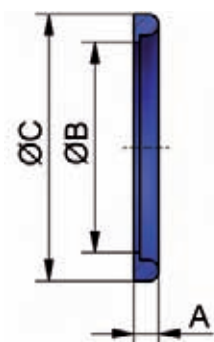
gasket thick type


Art.-Nr. 11120-

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
10	5,0	10,5	20,0			0,001	-0100100	1,50	-0100200	1,30	-0100300	0,90	-0100400	4,20
15	5,0	16,5	26,0			0,001	-0150100	1,60	-0150200	1,20	-0150300	1,50	-0150400	5,20
20	5,0	20,5	33,0			0,002	-0200100	1,70	-0200200	1,30	-0200300	1,60	-0200400	5,30
25	6,0	26,5	40,0			0,004	-0250100	1,20	-0250200	1,05	-0250300	1,20	-0250400	5,15
32	6,0	32,5	46,0			0,004	-0320100	1,35	-0320200	1,15	-0320300	1,25	-0320400	6,50
40	6,0	38,5	52,0			0,005	-0400100	1,55	-0400200	1,25	-0400300	1,35	-0400400	7,25
50	6,0	50,5	64,0			0,007	-0500100	2,10	-0500200	1,35	-0500300	1,50	-0500400	7,65
65	6,0	66,5	81,0			0,010	-0650100	3,15	-0650200	1,85	-0650300	1,85	-0650400	10,25
80	6,0	81,5	95,0			0,011	-0800100	3,60	-0800200	2,10	-0800300	2,15	-0800400	15,40
100	6,0	100,5	114,0			0,013	-1000100	4,90	-1000200	2,90	-1000300	3,15	-1000400	18,25
125	7,0	125,0	142,0			0,025	-1250100	10,80	-1250200	6,00	-1250300	7,50	-1250400	33,00
150	7,0	150,0	167,0			0,030	-1500100	13,50	-1500200	6,40	-1500300	5,60	-1500400	35,20

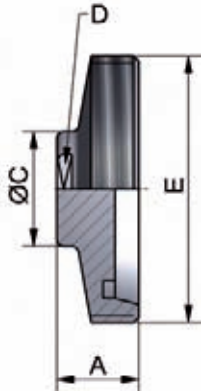
Dichtring G (Bund)

gasket with collar



Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

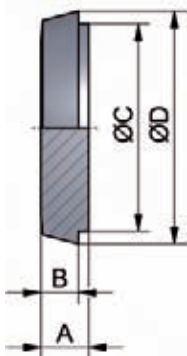
Blindgewinde male part blank	Art.-Nr. 11700-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
	10	21,0		20,0	SW17	Rd28x1/8	0,050	-0101	20,20	-0102	21,05	-0103	24,30	-0104	25,15
	15	21,0		26,0	SW17	Rd34x1/8	0,090	-0151	21,20	-0152	22,05	-0153	25,45	-0154	26,30
	20	24,0		26,0	SW17	Rd44x1/6	0,130	-0201	22,25	-0202	23,15	-0203	29,65	-0204	30,55
	25/1"	24,0		34,0	SW27	Rd52x1/6	0,180	-0251	24,40	-0252	25,40	-0253	34,10	-0254	35,10
	32/1,25"	24,0		34,0	SW27	Rd58x1/6	0,210	-0321	26,20	-0322	27,25	-0323	36,60	-0324	37,65
	40/1,5"	24,0		34,0	SW27	Rd65x1/6	0,250	-0401	31,30	-0402	32,60	-0403	43,75	-0404	45,05
	50/2"	24,0		34,0	SW27	Rd78x1/6	0,330	-0501	31,85	-0502	32,50	-0503	44,60	-0504	45,25
	65/2,5"	28,0		34,0	SW32	Rd95x1/6	0,540	-0651	71,85	-0652	73,30	-0653	100,50	-0654	101,95
	80	30,0		34,0	SW32	Rd110x1/4	0,950	-0801	86,05	-0802	87,80	-0803	120,40	-0804	122,15
	100/4"	30,0		34,0	SW32	Rd130x1/4	1,110	-1001	113,30	-1002	115,60	-1003	158,60	-1004	160,90



SW: Schlüsselweite - Rd: Rundgewinde

SW: width across flats - Rd: round thread

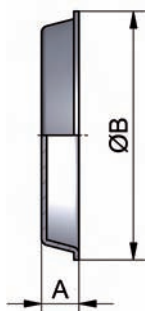
Blindkegel (massiv) liner blank	Art.-Nr. 11800-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
	10	9,0	6,0	18,0	22,5		0,020	-0101	7,55	-0102	7,90	-0103	9,25	-0104	9,60
	15	9,0	6,0	24,0	28,5		0,040	-0151	8,65	-0152	9,00	-0153	9,95	-0154	10,30
	20	11,0	8,0	30,0	36,5		0,070	-0201	9,60	-0202	10,00	-0203	11,75	-0204	12,15
	25/1"	13,0	10,0	35,0	44,0		0,120	-0251	9,75	-0252	10,15	-0253	12,00	-0254	12,40
	32/1,25"	13,0	10,0	41,0	50,0		0,160	-0321	10,65	-0322	11,10	-0323	13,35	-0324	13,80
	40/1,5"	13,0	10,0	48,0	56,0		0,220	-0401	11,70	-0402	12,20	-0403	14,85	-0404	15,35
	50/2"	14,0	11,0	61,0	68,5		0,360	-0501	13,30	-0502	13,60	-0503	17,30	-0504	17,60
	65/2,5"	16,0	12,0	79,0	86,0		0,660	-0651	19,55	-0652	19,95	-0653	25,60	-0654	26,00
	80	16,0	12,0	93,0	100,0		0,910	-0801	25,70	-0802	26,25	-0803	33,30	-0804	33,85
	100/4"	20,0	15,0	114,0	121,0		1,660	-1001	42,80	-1002	43,70	-1003	56,60	-1004	57,50
	125	22,0	17,0	137,0	150,0		2,840	-1251	76,40	-1252	77,95	-1253	101,85	-1254	103,40
	150	24,0	18,0	163,0	176,0		4,290	-1501	105,60	-1502	107,75	-1503	155,85	-1504	158,00



Blindkegel mit Rohrgewinde auf Anfrage

liner blank with pipe thread on inquiry

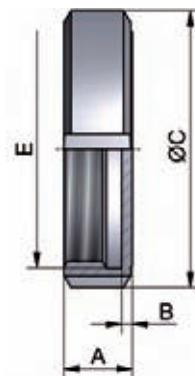
Blindkegel (Blech) liner blank (sheet metal)	Art.-Nr. 11802-							AISI 304-1.4301				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr. poliert	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. poliert	Preis EUR	Art.-Nr. matt	Preis EUR
	25	10,0	47,0				0,020	-0251	6,95	-0252	6,95	-0253	8,45	-0254	8,45
	32	10,0	53,0				0,020	-0321	7,25	-0322	7,25	-0323	8,75	-0324	8,75
	40	10,0	61,0				0,040	-0401	7,45	-0402	7,45	-0403	8,85	-0404	8,85
	50	11,0	73,0				0,050	-0501	7,75	-0502	7,75	-0503	9,75	-0504	9,75
	65	12,0	90,0				0,080	-0651	8,45	-0652	8,45	-0653	11,20	-0654	11,20
	80	12,0	103,0				0,120	-0801	11,70	-0802	11,70	-0803	15,05	-0804	15,05
	100	15,0	123,0				0,170	-1001	15,35	-1002	15,35	-1003	19,75	-1004	19,75



Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

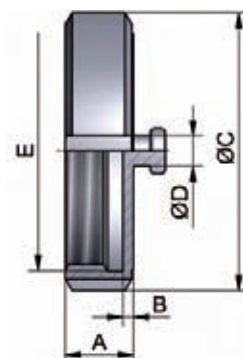
Art.-Nr. 12000-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
10	18,5	3,5	38,0		Rd28x1/8	0,070	-0101	16,40	-0102	17,10	-0103	22,75	-0104	23,45
15	18,5	3,5	44,0		Rd34x1/8	0,100	-0151	16,85	-0152	17,55	-0153	23,00	-0154	23,70
20	20,5	3,5	54,0		Rd44x1/6	0,140	-0201	15,15	-0202	15,80	-0203	21,00	-0204	21,65
25/1"	21,5	3,5	63,0		Rd52x1/6	0,210	-0251	13,30	-0252	13,85	-0253	17,70	-0254	18,25
32/1,25"	21,5	3,5	70,0		Rd58x1/6	0,240	-0321	14,45	-0322	15,05	-0323	18,75	-0324	19,35
40/1,5"	21,5	3,5	78,0		Rd65x1/6	0,310	-0401	14,50	-0402	15,10	-0403	18,65	-0404	19,25
50/2"	22,5	3,5	92,0		Rd78x1/6	0,440	-0501	15,75	-0502	16,10	-0503	21,75	-0504	22,10
65/2,5"	25,5	4,5	112,0		Rd95x1/6	0,750	-0651	23,50	-0652	24,00	-0653	29,90	-0654	30,40
75/3"	25,5	4,5	119,0		Rd104x1/6	0,800	-0751	37,75	-0752	38,55	-0753	52,40	-0754	53,20
80	29,5	4,5	127,0		Rd110x1/4	1,020	-0801	34,20	-0802	34,90	-0803	47,05	-0804	47,75
100/4"	31,5	5,5	148,0		Rd130x1/4	1,480	-1001	49,15	-1002	50,15	-1003	67,00	-1004	68,00
125	35,5	5,5	178,0		Rd160x1/4	1,965	-1251	86,40	-1252	88,15	-1253	120,15	-1254	121,90
150	40,5	6,5	210,0		Rd190x1/4	3,280	-1501	267,90	-1502	273,30	-1503	411,60	-1504	417,00
200	39,5	6,5	260,0		Rd240x1/4	4,550	-2001	703,75	-2002	717,85	-2003	993,30	-2004	1007,40

Rd: Rundgewinde Rd: round thread

Blindmutter
blind nut


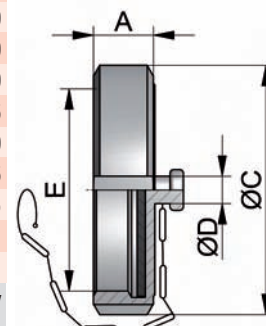
Art.-Nr. 12100-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
10	18,5	3,5	38,0	10,0	Rd28x1/8	0,080	-0101	20,35	-0102	21,20	-0103	27,30	-0104	28,45
15	18,5	3,5	44,0	10,0	Rd34x1/8	0,100	-0151	21,05	-0152	21,95	-0153	27,80	-0154	28,95
20	20,5	3,5	54,0	10,0	Rd44x1/6	0,150	-0201	19,50	-0202	20,35	-0203	26,95	-0204	28,10
25/1"	21,5	3,5	63,0	10,0	Rd52x1/6	0,190	-0251	14,10	-0252	14,70	-0253	19,45	-0254	20,30
32/1,25"	21,5	3,5	70,0	10,0	Rd58x1/6	0,250	-0321	14,85	-0322	15,50	-0323	20,60	-0324	21,45
40/1,5"	21,5	3,5	78,0	10,0	Rd65x1/6	0,320	-0401	14,85	-0402	15,50	-0403	20,60	-0404	21,45
50/2"	22,5	3,5	92,0	10,0	Rd78x1/6	0,490	-0501	18,85	-0502	19,25	-0503	23,85	-0504	24,35
65/2,5"	25,5	4,5	112,0	10,0	Rd95x1/6	0,750	-0651	23,20	-0652	23,70	-0653	32,25	-0654	32,95
75/3"	25,5	4,5	119,0	10,0	Rd104x1/6	0,850	-0751	38,70	-0752	39,50	-0753	52,45	-0754	53,55
80	29,5	4,5	127,0	10,0	Rd110x1/4	1,070	-0801	35,15	-0802	35,90	-0803	48,65	-0804	49,70
100/4"	31,5	5,5	148,0	10,0	Rd130x1/4	1,520	-1001	49,60	-1002	50,65	-1003	69,50	-1004	70,95
125	35,5	5,5	178,0	10,0	Rd160x1/4	1,520	-1251	89,45	-1252	91,30	-1253	124,30	-1254	126,90
150	40,5	6,5	210,0	10,0	Rd190x1/4	3,330	-1501	267,85	-1502	273,40	-1503	411,65	-1504	420,15

Rd: Rundgewinde Rd: round thread

Blindmutter mit Knopf
blind nut with boss


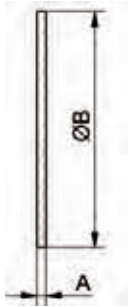
Art.-Nr. 12104-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	pol./NBR	EUR	matt/NBR	EUR	pol./NBR	EUR	matt/NBR	EUR
10	18,5	3,5	38,0	10,0	Rd28x1/8	0,130	-0101200	23,10	-0102200	24,10	-0103200	31,05	-0104200	32,35
15	18,5	3,5	44,0	10,0	Rd34x1/8	0,150	-0151200	23,75	-0152200	24,75	-0153200	31,75	-0154200	33,10
20	20,5	3,5	54,0	10,0	Rd44x1/6	0,190	-0201200	22,20	-0202200	23,15	-0203200	29,30	-0204200	30,55
25/1"	21,5	3,5	63,0	10,0	Rd52x1/6	0,250	-0251200	17,30	-0252200	18,05	-0253200	23,90	-0254200	24,90
32/1,25"	21,5	3,5	70,0	10,0	Rd58x1/6	0,290	-0321200	18,50	-0322200	19,30	-0323200	24,35	-0324200	25,40
40/1,5"	21,5	3,5	78,0	10,0	Rd65x1/6	0,330	-0401200	18,50	-0402200	19,30	-0403200	24,35	-0404200	25,40
50/2"	22,5	3,5	92,0	10,0	Rd78x1/6	0,460	-0501200	22,70	-0502200	23,20	-0503200	29,15	-0504200	29,80
65/2,5"	25,5	4,5	112,0	10,0	Rd95x1/6	0,700	-0651200	27,30	-0652200	27,90	-0653200	37,90	-0654200	38,70
75/3"	25,5	4,5	119,0	10,0	Rd104x1/6	0,900	-0751200	43,20	-0752200	44,10	-0753200	59,55	-0754200	60,80
80	29,5	4,5	127,0	10,0	Rd110x1/4	1,110	-0801200	39,70	-0802200	40,55	-0803200	55,30	-0804200	56,45
100/4"	31,5	5,5	148,0	10,0	Rd130x1/4	1,530	-1001200	55,45	-1002200	56,60	-1003200	77,30	-1004200	78,90
125	34,5	5,5	178,0	10,0	Rd160x1/4	2,180	-1251200	96,40	-1252200	98,40	-1253200	133,95	-1254200	136,75
150	40,5	6,5	210,0	10,0	Rd190x1/4	3,040	-1501200	304,70	-1502200	311,00	-1503200	423,50	-1504200	432,25

Rd: Rundgewinde - weitere Dichtungswerkstoffe auf Anfrage Rd: round thread - other gasket materials on inquiry

Blindmutter (komplett)
blind nut (complete)


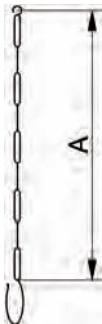
Dichtscheibe (Blindmutter) Art.-Nr. 12200-
gasket disc (blind nut)

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	NBR	EUR	EPDM	EUR	FKM	EUR	PTFE	EUR
10	3,0	28,0				0,002	-0100200	0,90	-0100300	3,60	-0100400	6,90	-0100500	7,95
15	3,0	34,0				0,003	-0150200	0,65	-0150300	3,80	-0150400	5,80	-0150500	8,20
20	3,0	44,0				0,006	-0200200	1,20	-0200300	3,40	-0200400	8,60	-0200500	8,55
25/1"	3,0	52,0				0,010	-0250200	1,20	-0250300	2,40	-0250400	5,80	-0250500	8,95
32/1,25"	3,0	58,0				0,011	-0320200	1,30	-0320300	2,50	-0320400	6,05	-0320500	9,20
40/1,5"	3,0	65,0				0,016	-0400200	1,20	-0400300	2,60	-0400400	6,40	-0400500	9,45
50/2"	3,0	78,0				0,021	-0500200	1,30	-0500300	2,85	-0500400	8,60	-0500500	9,65
65/2,5"	3,0	95,0				0,030	-0650200	1,80	-0650300	3,30	-0650400	13,10	-0650500	13,10
75/3"	3,0	104,0				0,035	-0750200	2,90	-0750300	4,30	-0750400	15,10	-0750500	14,50
80	3,0	110,0				0,050	-0800200	2,70	-0800300	4,40	-0800400	17,90	-0800500	15,90
100/4"	3,0	130,0				0,080	-1000200	3,15	-1000300	5,10	-1000400	21,80	-1000500	18,95
125	3,0	160,0				0,125	-1250200	6,80	-1250300	12,80	-1250400	27,45	-1250500	33,00
150	3,0	190,0				0,145	-1500200	7,65	-1500300	14,10	-1500400	39,95	-1500500	46,00
200	3,0	240,0				0,180	-2000200	15,10	-2000300	18,80	-2000400	49,10	-2000500	50,30


Kette mit Haken und Öse
chain with hook and eye
Art.-Nr. 12302-

AISI 304/304L-1.4301/1.4307

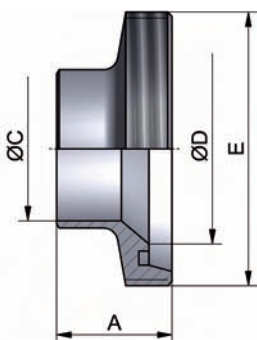
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg		EUR
10	90,0					0,025	-0100	5,30
15	90,0					0,025	-0150	5,30
20	90,0					0,025	-0200	5,40
25	90,0					0,030	-0250	5,40
32	100,0					0,030	-0320	5,50
40	110,0					0,030	-0400	5,60
50	130,0					0,035	-0500	6,10
65	140,0					0,035	-0650	6,20
80	140,0					0,050	-0800	6,20
100	170,0					0,050	-1000	6,70
125	200,0					0,055	-1250	7,10
150	230,0					0,070	-1500	7,90


Reduzier-Gewindestutzen
welding reducing male part
Art.-Nr. 12602-

AISI 304/304L-1.4301/1.4307

AISI 316L-1.4404

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
20-15	24,0		16,0	20,0	Rd44x1/6	0,090	-0201015	34,80	-0202015	36,20	-0203015	44,30	-0204015	45,70
25-15	29,0		16,0	26,0	Rd52x1/6	0,120	-0251015	35,25	-0252015	36,70	-0253015	45,85	-0254015	47,30
25-20	29,0		20,0	26,0	Rd52x1/6	0,120	-0251020	35,25	-0252020	36,70	-0253020	45,85	-0254020	47,30
32-20	27,0		20,0	32,0	Rd58x1/6	0,160	-0321020	20,20	-0322020	21,05	-0323020	24,45	-0324020	25,30
32-25	27,0		26,0	32,0	Rd58x1/6	0,140	-0321025	20,20	-0322025	21,05	-0323025	24,45	-0324025	25,30
40-25	28,0		26,0	38,0	Rd65x1/6	0,140	-0401025	18,95	-0402025	19,75	-0403025	23,85	-0404025	24,65
40-32	29,0		32,0	38,0	Rd65x1/6	0,170	-0401032	18,95	-0402032	19,75	-0403032	23,85	-0404032	24,65
50-32	29,0		32,0	50,0	Rd78x1/6	0,260	-0501032	20,85	-0502032	21,30	-0503032	33,85	-0504032	34,30
50-40	35,0		38,0	50,0	Rd78x1/6	0,260	-0501040	19,75	-0502040	20,15	-0503040	25,45	-0504040	25,85
65-40	39,0		38,0	66,0	Rd95x1/6	0,370	-0651040	50,60	-0652040	51,65	-0653040	66,25	-0654040	67,30
65-50	40,0		50,0	66,0	Rd95x1/6	0,410	-0651050	29,75	-0652050	30,35	-0653050	38,40	-0654050	39,00
80-50	45,0		50,0	81,0	Rd110x1/4	0,700	-0801050	93,75	-0802050	95,65	-0803050	120,10	-0804050	122,00
80-65	46,0		66,0	81,0	Rd110x1/4	0,630	-0801065	66,25	-0802065	67,60	-0803065	86,25	-0804065	87,60
100-65	49,0		66,0	100,0	Rd130x1/4	0,910	-1001065	136,50	-1002065	139,25	-1003065	176,20	-1004065	178,95
100-80	49,0		81,0	100,0	Rd130x1/4	0,840	-1001080	137,85	-1002080	140,65	-1003080	180,55	-1004080	183,35



weitere Größen auf Anfrage - Rd: Rundgewinde

other dimensions on inquiry - Rd: round thread

Rohrverbindungen – Verschraubungen

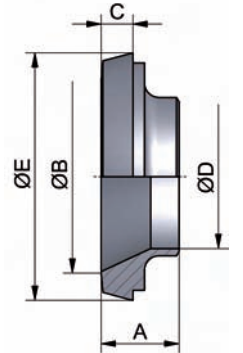
pipe connections – screwed pipe connections

Art.-Nr. 12402-

							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
mm	mm	mm	mm	mm	mm	kg								
20-15	17,0	20,0	8,0	16,0	36,5	0,080	-0201015	14,35	-0202015	14,95	-0203015	19,90	-0204015	20,50
25-15	22,0	26,0	10,0	16,0	44,0	0,110	-0251015	14,10	-0252015	14,70	-0253015	19,50	-0254015	20,10
25-20	22,0	26,0	10,0	20,0	44,0	0,110	-0251020	14,25	-0252020	14,85	-0253020	19,65	-0254020	20,25
32-20	23,0	32,0	10,0	20,0	50,0	0,140	-0321020	15,25	-0322020	15,90	-0323020	23,05	-0324020	23,70
32-25	20,0	32,0	10,0	26,0	50,0	0,120	-0321025	15,25	-0322025	15,90	-0323025	23,05	-0324025	23,70
40-25	20,0	38,0	10,0	26,0	56,0	0,180	-0401025	14,50	-0402025	15,10	-0403025	19,10	-0404025	19,70
40-32	23,0	38,0	10,0	32,0	56,0	0,150	-0401032	14,50	-0402032	15,10	-0403032	19,10	-0404032	19,70
50-32	23,0	50,0	11,0	32,0	68,5	0,270	-0501032	19,55	-0502032	19,95	-0503032	25,95	-0504032	26,35
50-40	26,0	50,0	11,0	38,0	68,5	0,260	-0501040	16,35	-0502040	16,70	-0503040	22,20	-0504040	22,55
65-40	26,0	66,0	12,0	38,0	86,0	0,510	-0651040	25,45	-0652040	26,00	-0653040	33,35	-0654040	33,90
65-50	27,0	66,0	12,0	50,0	86,0	0,410	-0651050	21,05	-0652050	21,50	-0653050	26,10	-0654050	26,55
80-50	30,0	81,0	12,0	50,0	100,0	0,600	-0801050	39,75	-0802050	40,55	-0803050	51,65	-0804050	52,45
80-65	31,0	81,0	12,0	66,0	100,0	0,520	-0801065	34,90	-0802065	35,60	-0803065	40,95	-0804065	41,65
100-65	40,0	100,0	15,0	66,0	121,0	1,050	-1001065	82,45	-1002065	84,10	-1003065	114,45	-1004065	116,10
100-80	42,0	100,0	15,0	81,0	121,0	0,800	-1001080	72,55	-1002080	74,05	-1003080	99,65	-1004080	101,15

weitere Größen auf Anfrage

other dimensions on inquiry

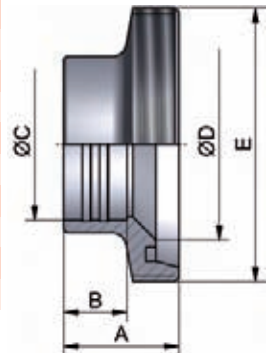
**Reduzier-
Kegelstutzen
welding
reducing liner**


Art.-Nr. 12600-

							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
mm	mm	mm	mm	mm	mm	kg								
20-15	24,0	12,0	18,2	20,0	Rd44x1/6	0,090	-0201015	34,80	-0202015	36,20	-0203015	44,30	-0204015	45,70
25-15	29,0	12,0	18,2	26,0	Rd52x1/6	0,120	-0251015	35,25	-0252015	36,70	-0253015	45,85	-0254015	47,30
25-20	29,0	12,0	22,2	26,0	Rd52x1/6	0,120	-0251020	35,25	-0252020	36,70	-0253020	45,85	-0254020	47,30
32-20	27,0	15,0	22,2	32,0	Rd58x1/6	0,160	-0321020	20,20	-0322020	21,05	-0323020	24,45	-0324020	25,30
32-25	27,0	15,0	28,2	32,0	Rd58x1/6	0,140	-0321025	20,20	-0322025	21,05	-0323025	24,45	-0324025	25,30
40-25	28,0	15,0	28,2	38,0	Rd65x1/6	0,170	-0401025	18,95	-0402025	19,75	-0403025	23,85	-0404025	24,65
40-32	29,0	18,0	34,2	38,0	Rd65x1/6	0,180	-0401032	18,95	-0402032	19,75	-0403032	23,85	-0404032	24,65
50-32	29,0	18,0	34,2	50,0	Rd78x1/6	0,280	-0501032	20,85	-0502032	21,30	-0503032	33,85	-0504032	34,30
50-40	35,0	20,0	40,2	50,0	Rd78x1/6	0,290	-0501040	19,75	-0502040	20,15	-0503040	25,45	-0504040	25,85
65-40	39,0	20,0	40,2	66,0	Rd95x1/6	0,410	-0651040	50,60	-0652040	51,65	-0653040	66,25	-0654040	67,30
65-50	40,0	22,0	52,2	66,0	Rd95x1/6	0,450	-0651050	29,75	-0652050	30,35	-0653050	38,40	-0654050	39,00
80-50	45,0	22,0	52,2	81,0	Rd110x1/4	0,890	-0801050	93,75	-0802050	95,65	-0803050	120,10	-0804050	122,00
80-65	46,0	25,0	70,3	81,0	Rd110x1/4	0,700	-0801065	66,25	-0802065	67,60	-0803065	86,25	-0804065	87,60
100-65	49,0	25,0	70,3	100,0	Rd130x1/4	0,980	-1001065	136,50	-1002065	139,25	-1003065	176,20	-1004065	178,95
100-80	49,0	28,0	85,3	100,0	Rd130x1/4	0,926	-1001080	137,85	-1002080	140,65	-1003080	180,55	-1004080	183,35

weitere Größen auf Anfrage - Rd: Rundgewinde

other dimensions on inquiry - Rd: round thread

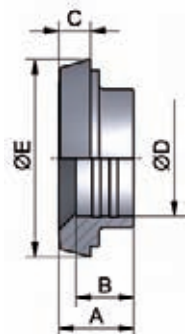
**Red.-Gewindestutzen
(Walz)
expanding reducing
male part**


Art.-Nr. 12400-

							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR	Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
mm	mm	mm	mm	mm	mm	kg								
20-15	25,0	12,0	8,0	18,2	36,5	0,080	-0201015	14,35	-0202015	14,95	-0203015	19,90	-0204015	20,50
25-15	22,0	12,0	10,0	18,2	44,0	0,110	-0251015	14,10	-0252015	14,70	-0253015	19,50	-0254015	20,10
25-20	22,0	12,0	10,0	22,2	44,0	0,110	-0251020	14,25	-0252020	14,85	-0253020	19,65	-0254020	20,25
32-20	23,0	12,0	10,0	22,2	50,0	0,135	-0321020	15,25	-0322020	15,90	-0323020	23,05	-0324020	23,70
32-25	20,0	15,0	10,0	28,2	50,0	0,120	-0321025	15,25	-0322025	15,90	-0323025	23,05	-0324025	23,70
40-25	20,0	15,0	10,0	28,2	56,0	0,170	-0401025	14,50	-0402025	15,10	-0403025	19,10	-0404025	19,70
40-32	23,0	18,0	10,0	34,2	56,0	0,170	-0401032	14,50	-0402032	15,10	-0403032	19,10	-0404032	19,70
50-32	23,0	18,0	11,0	34,2	68,5	0,290	-0501032	19,55	-0502032	19,95	-0503032	25,95	-0504032	26,35
50-40	26,0	20,0	11,0	40,2	68,5	0,270	-0501040	16,35	-0502040	16,70	-0503040	22,20	-0504040	22,55
65-40	26,0	20,0	12,0	40,2	86,0	0,540	-0651040	25,45	-0652040	26,00	-0653040	33,35	-0654040	33,90
65-50	27,0	22,0	12,0	52,2	86,0	0,450	-0651050	21,05	-0652050	21,50	-0653050	26,10	-0654050	26,55
80-50	30,0	22,0	12,0	52,2	100,0	0,660	-0801050	39,75	-0802050	40,55	-0803050	51,65	-0804050	52,45
80-65	31,0	25,0	12,0	70,4	100,0	0,500	-0801065	34,90	-0802065	35,60	-0803065	40,95	-0804065	41,65
100-65	40,0	25,0	15,0	70,4	121,0	1,170	-1001065	82,45	-1002065	84,10	-1003065	114,45	-1004065	116,10
100-80	42,0	28,0	15,0	85,4	121,0	1,060	-1001080	72,55	-1002080	74,05	-1003080	99,65	-1004080	101,15

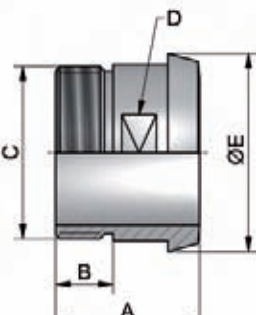
weitere Größen auf Anfrage

other dimensions on inquiry

**Reduzier-
Kegelstutzen
(Walz)
expanding
reducing liner**


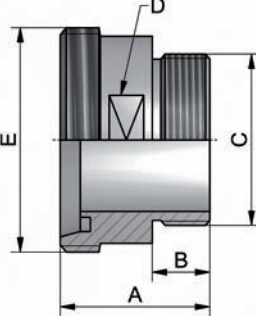
Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Einschraub- Kegelstutzen liner threaded outside	Art.-Nr. 12700-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	10	38,0	14,0	G3/8"	SW14	22,5	0,040	-0101	17,65	-0102	18,40	-0103	28,60	-0104	29,35
	15	38,0	14,0	G1/2"	SW19	28,5	0,050	-0151	12,90	-0152	13,45	-0153	21,75	-0154	22,30
	20	40,0	14,0	G3/4"	SW27	36,5	0,100	-0201	17,45	-0202	18,15	-0203	23,60	-0204	24,30
	25	50,0	20,0	G1"	SW30	44,0	0,150	-0251	18,00	-0252	18,75	-0253	24,20	-0254	24,95
	32	50,0	20,0	G1.1/4"	SW36	50,0	0,210	-0321	21,65	-0322	22,55	-0323	28,65	-0324	29,55
	40	50,0	20,0	G1.1/2"	SW44	56,0	0,240	-0401	23,50	-0402	24,45	-0403	34,30	-0404	35,25
	50	50,0	20,0	G2"	SW55	68,5	0,310	-0501	28,75	-0502	29,35	-0503	41,40	-0504	42,00
	65	55,0	22,0	G2.1/2"	SW70	86,0	0,500	-0651	47,10	-0652	48,05	-0653	70,35	-0654	71,30
	80	60,0	25,0	G3"	SW88	100,0	0,580	-0801	72,05	-0802	73,50	-0803	121,15	-0804	122,60
	100	70,0	30,0	G4"	SW110	121,0	1,220	-1001	106,00	-1002	108,15	-1003	173,80	-1004	175,95



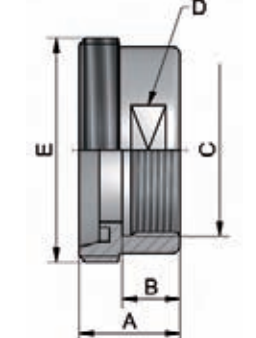
G: Rohrgewinde ISO 228-1 - SW: Schlüsselweite G: pipe thread ISO 228-1 - SW: width across flats

Einschraub- Gewindestutzen male threaded outside	Art.-Nr. 12800-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	10	40,0	14,0	G3/8"	SW17	Rd28x1/8	0,060	-0101	16,70	-0102	17,40	-0103	25,90	-0104	26,60
	15	40,0	14,0	G1/2"	SW24	Rd34x1/8	0,090	-0151	17,70	-0152	18,45	-0153	26,60	-0154	27,35
	20	42,0	14,0	G3/4"	SW30	Rd44x1/6	0,150	-0201	22,20	-0202	23,10	-0203	34,05	-0204	34,95
	25	48,0	20,0	G1"	SW41	Rd52x1/6	0,220	-0251	24,10	-0252	25,10	-0253	40,00	-0254	41,00
	32	48,0	20,0	G1.1/4"	SW46	Rd58x1/6	0,310	-0321	26,10	-0322	27,15	-0323	42,15	-0324	43,20
	40	50,0	20,0	G1.1/2"	SW50	Rd65x1/6	0,400	-0401	28,90	-0402	30,10	-0403	43,75	-0404	44,95
	50	52,0	20,0	G2"	SW65	Rd78x1/6	0,540	-0501	37,10	-0502	37,85	-0503	53,95	-0504	54,70
	65	56,0	22,0	G2.1/2"	SW80	Rd95x1/6	0,710	-0651	55,05	-0652	56,20	-0653	80,05	-0654	81,20
	80	66,0	25,0	G3"	SW95	Rd110x1/4	0,950	-0801	85,50	-0802	87,25	-0803	144,85	-0804	146,60
	100	72,0	30,0	G4"	SW117	Rd130x1/4	1,480	-1001	171,60	-1002	175,05	-1003	250,15	-1004	253,60



G: Rohrgewinde ISO 228-1 - SW: Schlüsselweite - Rd: Rundgewinde G: pipe thread ISO 228-1 - SW: width across flats - Rd: round thread

Aufschraub- Gewindestutzen male threaded inside	Art.-Nr. 12900-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	10	30,0	14,0	G3/8"	SW19	Rd28x1/8	0,050	-0101	22,50	-0102	23,40	-0103	45,65	-0104	46,55
	15	30,0	14,0	G1/2"	SW24	Rd34x1/8	0,070	-0151	22,50	-0152	23,40	-0153	32,45	-0154	33,35
	20	30,0	14,0	G3/4"	SW30	Rd44x1/6	0,120	-0201	22,50	-0202	23,40	-0203	36,60	-0204	37,50
	25	35,0	20,0	G1"	SW41	Rd52x1/6	0,190	-0251	22,50	-0252	23,40	-0253	30,50	-0254	31,40
	32	35,0	20,0	G1.1/4"	SW46	Rd58x1/6	0,230	-0321	26,35	-0322	27,45	-0323	37,75	-0324	38,85
	40	35,0	20,0	G1.1/2"	SW55	Rd65x1/6	0,300	-0401	26,35	-0402	27,45	-0403	38,15	-0404	39,25
	50	35,0	20,0	G2"	SW65	Rd78x1/6	0,360	-0501	30,00	-0502	30,60	-0503	43,45	-0504	44,05
	65	38,0	22,0	G2.1/2"	SW80	Rd95x1/6	0,490	-0651	49,90	-0652	50,90	-0653	73,55	-0654	74,55
	80	43,0	25,0	G3"	SW95	Rd110x1/4	0,680	-0801	134,30	-0802	137,00	-0803	197,50	-0804	200,20
	100	50,0	30,0	G4"	SW117	Rd130x1/4	0,720	-1001	175,50	-1002	179,05	-1003	255,45	-1004	259,00



G: Rohrgewinde ISO 228-1 - SW: Schlüsselweite - Rd: Rundgewinde G: pipe thread ISO 228-1 - SW: width across flats - Rd: round thread

Rohrverbindungen – Verschraubungen

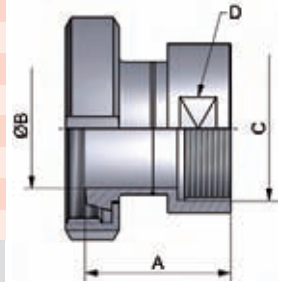
pipe connections – screwed pipe connections

Art.-Nr. 13000-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
15	44,0	16,0	G1/2"	SW24		0,200	-0151	47,00	-0152	48,90	-0153	69,20	-0154	72,00
20	45,0	20,0	G3/4"	SW30		0,290	-0201	51,35	-0202	53,45	-0203	72,40	-0204	75,30
25	49,0	26,0	G1"	SW41		0,390	-0251	43,75	-0252	45,50	-0253	65,95	-0254	68,60
32	52,0	32,0	G1.1/4"	SW46		0,490	-0321	59,00	-0322	61,40	-0323	89,00	-0324	92,60
40	53,0	38,0	G1.1/2"	SW55		0,570	-0401	50,15	-0402	52,20	-0403	74,65	-0404	77,65
50	55,0	50,0	G2"	SW65		0,740	-0501	63,35	-0502	64,65	-0503	93,40	-0504	95,30
65	61,0	66,0	G2.1/2"	SW80		1,330	-0651	110,55	-0652	112,80	-0653	165,90	-0654	169,25
80	67,0	81,0	G3"	SW95		1,550	-0801	136,00	-0802	138,75	-0803	202,80	-0804	206,90
100	76,0	100,0	G4"	SW117		2,340	-1001	195,00	-1002	198,90	-1003	287,05	-1004	292,80

G: Rohrgewinde ISO 228-1 - SW: Schlüsselweite G: pipe thread ISO 228-1 - SW: width across flats

Aufschraub- Kegelstutzen

liner threaded inside

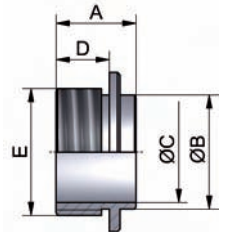


Art.-Nr. 14006-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	20,0	15,0	10,0	12,0	G3/8"	0,010	-0101	10,95	-0102	11,40	-0103	15,45	-0104	15,90
15	25,0	21,0	16,0	15,0	G1/2"	0,020	-0151	11,40	-0152	11,90	-0153	16,15	-0154	16,65
20	25,0	25,0	20,0	15,0	G3/4"	0,030	-0201	11,65	-0202	12,15	-0203	16,25	-0204	16,75
25	30,0	31,0	26,0	20,0	G1"	0,050	-0251	13,45	-0252	14,00	-0253	18,75	-0254	19,30
32	30,0	37,0	32,0	20,0	G1.1/4"	0,130	-0321	16,60	-0322	17,30	-0323	23,60	-0324	24,30
40	30,0	43,0	38,0	20,0	G1.1/2"	0,140	-0401	17,40	-0402	18,10	-0403	27,80	-0404	28,50
50	32,0	55,0	50,0	22,0	G2"	0,160	-0501	22,60	-0502	23,10	-0503	36,10	-0504	36,60
65	32,0	72,0	66,0	22,0	G2.1/2"	0,230	-0651	28,05	-0652	28,65	-0653	41,75	-0654	42,35
80	37,0	87,0	81,0	25,0	G3"	0,300	-0801	37,85	-0802	38,65	-0803	49,95	-0804	50,75
100	45,0	106,0	100,0	30,0	G4"	0,610	-1001	58,10	-1002	59,30	-1003	72,65	-1004	73,85

G: Rohrgewinde ISO 228-1 G: pipe thread ISO 228-1

Schweißnippel für DIN EN 10357

welding nipple for
DIN EN 10357

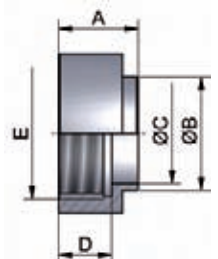


Art.-Nr. 14106-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	20,0	15,0	10,0	12,0	G3/8"	0,060	-0101	11,35	-0102	11,85	-0103	15,80	-0104	16,30
15	25,0	21,0	16,0	15,0	G1/2"	0,090	-0151	11,80	-0152	12,30	-0153	15,95	-0154	16,45
20	25,0	25,0	20,0	15,0	G3/4"	0,100	-0201	11,95	-0202	12,45	-0203	16,15	-0204	16,65
25	30,0	31,0	26,0	20,0	G1"	0,210	-0251	15,60	-0252	16,25	-0253	18,65	-0254	19,30
32	30,0	37,0	32,0	20,0	G1.1/4"	0,230	-0321	17,30	-0322	18,00	-0323	23,35	-0324	24,05
40	30,0	43,0	38,0	20,0	G1.1/2"	0,270	-0401	20,45	-0402	21,30	-0403	27,60	-0404	28,45
50	32,0	55,0	50,0	22,0	G2"	0,330	-0501	26,50	-0502	27,05	-0503	35,75	-0504	36,30
65	32,0	72,0	66,0	22,0	G2.1/2"	0,430	-0651	33,80	-0652	34,50	-0653	41,40	-0654	42,10
80	37,0	87,0	81,0	25,0	G3"	0,500	-0801	36,80	-0802	37,55	-0803	49,70	-0804	50,45
100	45,0	106,0	100,0	30,0	G4"	0,650	-1001	60,35	-1002	61,60	-1003	81,45	-1004	82,70

G: Rohrgewinde ISO 228-1 G: pipe thread ISO 228-1

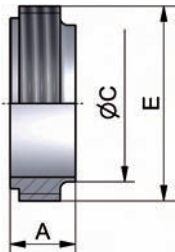
Schweißmuffe für DIN EN 10357

welding socket for
DIN EN 10357



Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections
**IDF-Gewindestutzen
ISO S**
Art.-Nr. 15243-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	21,5		25,6		Tr37,1x1/8	0,060
1,5"	21,5		38,6		Tr50,6x1/8	0,100
2"	21,5		51,6		Tr64,1x1/8	0,140
2,5"	21,5		64,1		Tr77,6x1/8	0,210
3"	21,5		76,7		Tr91,1x1/8	0,270
4"	21,5		102,5		Tr118,2x1/8	0,410

**IDF welding male
part ISO**


Tr: Amerikanisches Trapezgewinde Acme

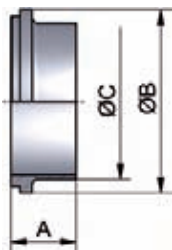
AISI 316L-1.4404

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	12,80	-1004	13,30
-1123	14,80	-1124	15,30
-2003	17,10	-2004	17,80
-2123	21,20	-2124	21,90
-3003	24,80	-3004	25,90
-4003	(+)	-4004	(+)

Tr: Trapezoidal thread acc. Acme

**IDF-Bundstutzen
ISO S**
Art.-Nr. 15343-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	12,0	33,8	25,6			0,020
1,5"	12,0	47,0	38,6			0,040
2"	12,0	60,5	51,6			0,060
2,5"	12,0	74,0	64,1			0,100
3"	12,0	87,5	76,7			0,140
4"	21,5	114,1	102,5			0,200

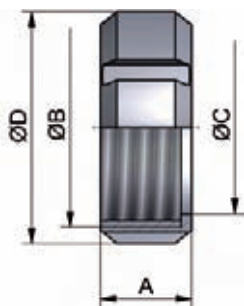
**IDF welding liner
ISO**


AISI 316L-1.4404

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	11,10	-1004	11,60
-1123	12,50	-1124	13,00
-2003	12,90	-2004	13,60
-2123	15,60	-2124	16,30
-3003	19,10	-3004	19,80
-4003	(+)	-4004	(+)

IDF-Nutmutter ISO
Art.-Nr. 15443-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	30,0	Tr38,3x1/8	30,5	48,0		0,150
1,5"	30,0	Tr51,8x1/8	43,5	64,0		0,240
2"	30,0	Tr65,3x1/8	57,0	77,0		0,300
2,5"	30,0	Tr78,8x1/8	70,7	91,0		0,380
3"	30,0	Tr92,3x1/8	83,3	106,0		0,510
4"	30,0	Tr119,4x1/8	110,0	135,0		0,730


 Tr: Amerikanisches Trapezgewinde Acme
 auch als Sechskantmutter erhältlich

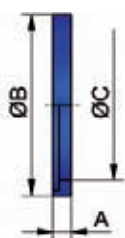
AISI 304/304L-1.4301/1.4307

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1001	12,75	-1002	13,30
-1121	14,45	-1122	15,05
-2001	15,90	-2002	16,25
-2121	17,85	-2122	18,25
-3001	21,50	-3002	21,95
-4001	78,10	-4002	79,70

 Tr: Trapezoidal thread acc. Acme
 also available as hexagonal nut

**IDF-Dichtung
(L-Form)**
Art.-Nr. 15541-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	6,0	32,5	23,6			0,002
1,5"	6,0	46,0	36,6			0,003
2"	6,0	59,5	49,6			0,006
2,5"	6,0	73,2	61,3			0,007
3"	6,0	86,5	73,9			0,009
4"	6,0	112,5	98,6			0,018

IDF gasket (L-type)

 weitere Werkstoffe auf Anfrage
 (+) Preis auf Anfrage

Art.-Nr.	Preis
NBR	EUR
-1000200	3,90
-1120200	4,10
-2000200	4,80
-2120200	5,10
-3000200	5,30
-4000200	6,90

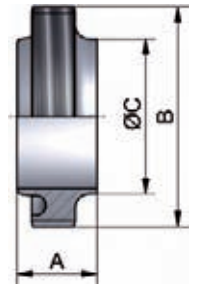
 other gasket materials on inquiry
 (+) price on inquiry

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections
Art.-Nr. 16263-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	26,3	W45,5x1/8	25,6		SWG16	0,130
1,5"	26,3	W58,2x1/8	38,3		SWG16	0,150
2"	26,3	W72,5x1/6	51,0		SWG16	0,210
2,5"	26,3	W85,2x1/6	63,7		SWG16	0,260
3"	26,3	W97,9x1/6	76,4		SWG16	0,330
4"	26,3	W123,3x1/6	101,8		SWG14	0,440

AISI 316L-1.4404

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	13,90	-1004	14,40
-1123	14,80	-1124	15,40
-2003	17,60	-2004	18,30
-2123	26,10	-2124	26,90
-3003	30,20	-3004	31,00
-4003	45,80	-4004	46,70

RJT-Gewindestutzen S
RJT welding male part

W: Whitworth-Gewinde gem. BS 84
SWG: SWG-Nummer

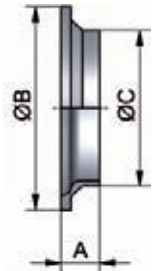
W: Whitworth thread acc. BS 84
SWG: SWG-Number

Art.-Nr. 16363-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	12,7	41,3	25,6		SWG16	0,040
1,5"	12,7	54,0	38,3		SWG16	0,040
2"	12,7	66,7	51,0		SWG16	0,060
2,5"	12,7	79,4	63,7		SWG16	0,080
3"	12,7	92,1	76,4		SWG16	0,080
4"	25,4	117,5	101,8		SWG14	0,160

AISI 316L-1.4404

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	7,20	-1004	7,60
-1123	7,70	-1124	8,20
-2003	9,20	-2004	9,70
-2123	10,60	-2124	11,20
-3003	14,90	-3004	15,60
-4003	27,60	-4004	28,50

RJT-Bundstutzen S
RJT welding liner


SWG: SWG-Nummer

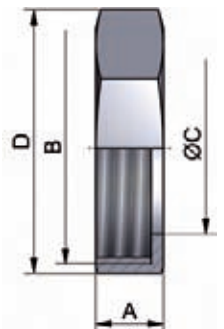
SWG: SWG-Number

Art.-Nr. 16463-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	22,0	W46,6x1/8	33,3	SW51		0,150
1,5"	22,0	W59,3x1/8	46,0	SW65		0,200
2"	22,0	W73,6x1/6	58,7	SW79		0,280
2,5"	22,0	W86,3x1/6	71,4	SW92		0,340
3"	22,0	W99,0x1/6	84,1	SW105		0,410
4"	22,0	W124,4x1/6	109,5	SW130		0,560

AISI 304/304L-1.4301/1.4307

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1001	11,80	-1002	12,30
-1121	15,80	-1122	16,30
-2001	17,90	-2002	18,50
-2121	18,80	-2122	19,50
-3001	26,10	-3002	27,10
-4001	(+)	-4002	(+)

RJT-Sechskantmutter
RJT hexagon nut

W: Whitworth-Gewinde gem. BS 84
SW: Schlüsselweite

W: Whitworth thread acc. BS 84
SW: width across flats

Art.-Nr. 16561-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	6,6		26,7			0,004
1,5"	6,6		39,4			0,006
2"	6,6		52,1			0,008
2,5"	6,6		64,8			0,010
3"	6,6		77,5			0,012
4"	6,6		102,9			0,014

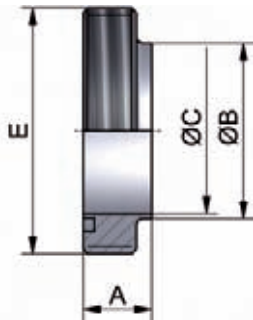
Art.-Nr. **Preis**
NBR **EUR**

-1000200	3,40
-1120200	3,40
-2000200	3,60
-2120200	3,90
-3000200	4,90
-4000200	5,90

RJT-Dichtung
RJT gasket

weitere Werkstoffe auf Anfrage
(+) Preis auf Anfrage

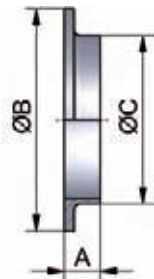
other gasket materials on inquiry
(+) price on inquiry

Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections
DS-Gewindestutzen S
Art.-Nr. 15752-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
DS welding male part


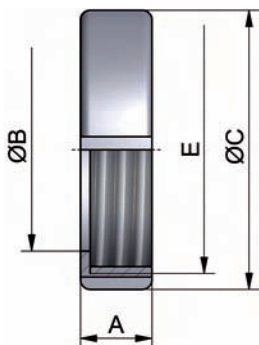
DN	A	B	C	D	E	Gew.	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr.	Preis	Art.-Nr.	Preis				
1"	18,5	25,4	22,5		Rd44x1/6	0,090	-0251	9,80	-0252	10,20	-0253	14,65	-0254	15,05
1,5"	20,0	38,4	35,5		Rd58x1/6	0,140	-0381	10,80	-0382	11,25	-0383	17,60	-0384	18,05
2"	20,0	51,4	48,5		Rd72x1/6	0,220	-0511	13,20	-0512	13,50	-0513	21,35	-0514	21,65
2,5"	24,0	63,9	60,5		Rd88x1/6	0,340	-0631	16,80	-0632	17,15	-0633	31,75	-0634	32,10
3"	24,0	76,4	72,0		Rd100x1/6	0,430	-0761	19,60	-0762	20,00	-0763	37,20	-0764	37,60
4"	24,0	102,0	97,6		Rd130x1/6	0,720	-1011	29,85	-1012	30,45	-1013	59,20	-1014	59,80

Rd: Rundgewinde

Rd: round thread

DS-Bundstutzen S
Art.-Nr. 15852-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
DS welding liner


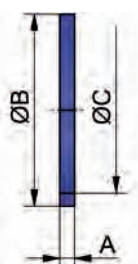
DN	A	B	C	D	E	Gew.	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr.	Preis	Art.-Nr.	Preis				
1"	11,0	40,0	25,4			0,020	-0251	6,70	-0252	7,00	-0253	11,00	-0254	11,30
1,5"	11,0	54,0	38,4			0,040	-0381	8,40	-0382	8,75	-0383	15,55	-0384	15,90
2"	11,0	68,0	51,4			0,050	-0511	10,40	-0512	10,65	-0513	18,10	-0514	18,35
2,5"	12,0	84,0	63,9			0,100	-0631	15,80	-0632	16,15	-0633	20,55	-0634	20,90
3"	12,0	96,0	76,4			0,120	-0761	17,85	-0762	18,25	-0763	27,45	-0764	27,85
4"	12,0	124,0	102,0			0,260	-1011	28,75	-1012	29,35	-1013	37,80	-1014	38,40

DS-Nutmutter
Art.-Nr. 15952-
AISI 304/304L-1.4301/1.4307
DS nut


DN	A	B	C	D	E	Gew.	AISI 304/304L-1.4301/1.4307					
							Art.-Nr.	Preis	Art.-Nr.	Preis		
1"	20,0	35,0	57,0		Rd44x1/6	0,160	-0251	10,55	-0252	11,00		
1,5"	20,0	48,5	71,0		Rd58x1/6	0,220	-0381	11,35	-0382	11,85		
2"	22,0	62,5	86,0		Rd72x1/6	0,310	-0511	14,40	-0512	14,70		
2,5"	24,0	76,5	103,0		Rd88x1/6	0,450	-0631	18,40	-0632	18,80		
3"	25,0	88,5	115,0		Rd100x1/6	0,540	-0761	21,75	-0762	22,20		
4"	28,0	117,0	150,0		Rd130x1/6	1,000	-1011	36,05	-1012	36,80		

Rd: Rundgewinde

Rd: round thread

DS-Dichtung
Art.-Nr. 16050-
DS gasket


DN	A	B	C	D	E	Gew.	Art.-Nr.		Preis	
							NBR		EUR	
1"	4,5	32,0	25,0			0,002	-0250200			1,60
1,5"	4,5	47,0	38,0			0,003	-0380200			1,70
2"	4,5	59,0	51,0			0,004	-0510200			1,95
2,5"	4,5	74,5	63,5			0,007	-0630200			2,60
3"	4,5	88,0	76,0			0,009	-0760200			3,90
4"	4,5	112,5	101,6			0,014	-1010200			3,60

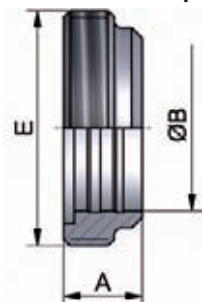
weitere Werkstoffe auf Anfrage

other gasket materials on inquiry

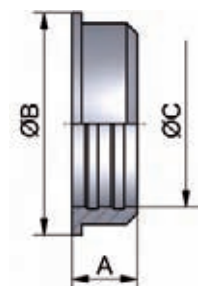
Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

Art.-Nr. 15750-							AISI 304/304L-1.4301/1.4307			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR
1"	20,0	25,0			Rd44x1/6	0,120	-0251	9,80	-0252	10,20
1,5"	22,0	38,0			Rd58x1/6	0,160	-0381	10,80	-0382	11,25
2"	24,0	51,0			Rd72x1/6	0,260	-0511	14,10	-0512	14,40
2,5"	26,0	63,5			Rd88x1/6	0,380	-0631	16,80	-0632	17,15
3"	28,0	76,0			Rd100x1/6	0,460	-0761	20,30	-0762	20,75

Rd: Rundgewinde Rd: round thread

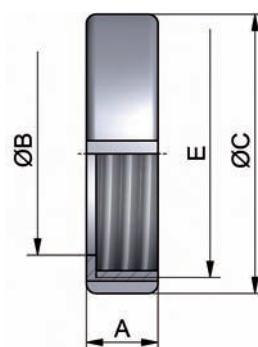
DS-Gewindestutzen W
DS expanding male part


Art.-Nr. 15850-							AISI 304/304L-1.4301/1.4307			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR
1"	16,0	40,0	25,0			0,070	-0251	6,70	-0252	7,00
1,5"	18,0	54,0	38,0			0,120	-0381	8,40	-0382	8,75
2"	20,0	68,0	51,0			0,150	-0511	10,40	-0512	10,65
2,5"	22,0	84,0	63,5			0,250	-0631	15,80	-0632	16,15
3"	24,0	96,0	76,0			0,310	-0761	17,85	-0762	18,25

DS-Bundstutzen W
DS expanding liner


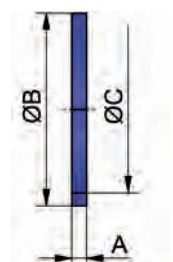
Art.-Nr. 15952-							AISI 304/304L-1.4301/1.4307			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR
1"	20,0	35,0	57,0		Rd44x1/6	0,160	-0251	10,55	-0252	11,00
1,5"	20,0	48,5	71,0		Rd58x1/6	0,220	-0381	11,35	-0382	11,85
2"	22,0	62,5	86,0		Rd72x1/6	0,310	-0511	14,40	-0512	14,70
2,5"	24,0	76,5	103,0		Rd88x1/6	0,450	-0631	18,40	-0632	18,80
3"	25,0	88,5	115,0		Rd100x1/6	0,540	-0761	21,75	-0762	22,20
4"	28,0	117,0	150,0		Rd130x1/6	1,000	-1011	36,05	-1012	36,80

Rd: Rundgewinde Rd: round thread

DS-Nutmutter
DS nut


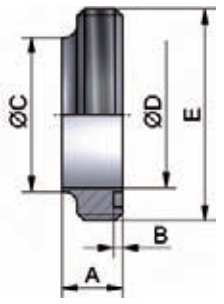
Art.-Nr. 16050-							Art.-Nr.	Preis
DN	A	B	C	D	E	Gew.	NBR	EUR
	mm	mm	mm	mm	mm	kg		
1"	4,5	32,0	25,0			0,002	-0250200	1,60
1,5"	4,5	47,0	38,0			0,003	-0380200	1,70
2"	4,5	59,0	51,0			0,004	-0510200	1,95
2,5"	4,5	74,5	63,5			0,007	-0630200	2,60
3"	4,5	88,0	76,0			0,009	-0760200	3,90
4"	4,5	112,5	101,6			0,014	-1010200	3,60

weitere Werkstoffe auf Anfrage other gasket materials on inquiry

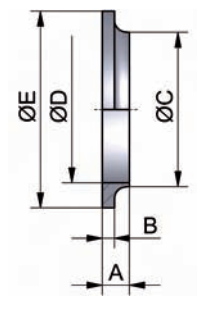
DS-Dichtung
DS gasket


Rohrverbindungen – Verschraubungen
pipe connections – screwed pipe connections

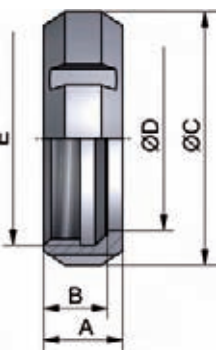
SMS-Gewindestutzen S	Art.-Nr. 17500-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
SMS welding male part	1"	15,0	3,0	25,0	22,5	Rd40x1/6	0,030	-0251	10,20	-0252	10,65	-0253	13,65	-0254	14,10
	1,5"	20,0	3,0	38,0	35,5	Rd60x1/6	0,110	-0381	13,55	-0382	14,10	-0383	17,45	-0384	18,00
	2"	20,0	3,0	51,0	48,5	Rd70x1/6	0,240	-0511	15,15	-0512	15,50	-0513	18,05	-0514	18,40
	2,5"	24,0	3,0	63,5	60,5	Rd85x1/6	0,330	-0631	21,20	-0632	21,65	-0633	26,85	-0634	27,30
	3"	24,0	3,0	76,0	72,0	Rd98x1/6	0,960	-0761	25,40	-0762	25,95	-0763	32,55	-0764	33,10
	4"	35,0	3,0	101,6	97,6	Rd132x1/6	1,322	-1011	55,65	-1012	56,80	-1013	70,70	-1014	71,85
Rd: Rundgewinde							Rd: round thread								



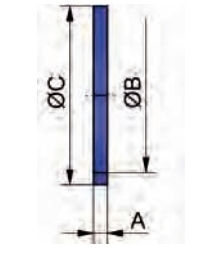
SMS-Bundstutzen S	Art.-Nr. 17600-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
SMS welding liner	1"	8,0	3,5	25,0	22,5	35,5	0,010	-0251	7,60	-0252	7,95	-0253	9,10	-0254	9,45
	1,5"	9,0	4,0	38,0	35,5	55,0	0,030	-0381	9,00	-0382	9,40	-0383	11,00	-0384	11,40
	2"	9,0	4,0	51,0	48,5	65,0	0,060	-0511	10,35	-0512	10,60	-0513	13,20	-0514	13,45
	2,5"	9,0	4,0	63,5	60,5	80,0	0,110	-0631	14,20	-0632	14,50	-0633	17,85	-0634	18,15
	3"	10,0	5,0	76,0	72,0	93,0	0,130	-0761	18,00	-0762	18,40	-0763	23,10	-0764	23,50
	4"	12,0	6,0	101,6	97,6	127,0	0,300	-1011	32,50	-1012	33,15	-1013	42,10	-1014	42,75



SMS-Nutmutter	Art.-Nr. 17200-							AISI 304/304L-1.4301/1.4307			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR
SMS nut	1"	20,0	16,0	51,0	32,0	Rd40x1/6	0,050	-0251	10,10	-0252	10,55
	1,5"	25,0	21,0	74,0	48,0	Rd60x1/6	0,170	-0381	11,95	-0382	12,45
	2"	26,0	21,0	84,0	60,5	Rd70x1/6	0,310	-0511	13,20	-0512	13,50
	2,5"	30,0	25,0	100,0	74,0	Rd85x1/6	0,330	-0631	18,50	-0632	18,90
	3"	32,0	26,0	114,0	87,0	Rd98x1/6	0,591	-0761	23,45	-0762	23,95
	4"	45,0	38,0	154,0	117,0	Rd132x1/6	1,740	-1011	67,45	-1012	68,80
Rd: Rundgewinde							RD: round thread				



SMS-Dichtung	Art.-Nr. 17300-														
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	NBR	EUR	EPDM	EUR	FKM	EUR	PTFE	EUR
SMS gasket	1"	5,5*	25,0	32,0			0,002	-0250200	1,10	-0250300	1,60	-0250400	10,50	-0250500	4,90
	1,5"	5,5*	38,0	48,0			0,003	-0380200	1,15	-0380300	1,70	-0380400	13,80	-0380500	5,60
	2"	5,5*	51,0	61,0			0,006	-0510200	1,30	-0510300	2,20	-0510400	26,80	-0510500	12,60
	2,5"	5,5*	63,5	73,5			0,007	-0630200	1,40	-0630300	3,10	-0630400	35,20	-0630500	11,20
	3"	5,5*	76,0	86,0			0,010	-0760200	1,80	-0760300	3,60	-0760400	45,10	-0760500	16,50
	4"	5,5*	101,6	113,5			0,020	-1010200	4,20	-1010300	8,50	-1010400	78,10	-1010500	19,10
* PTFE A = 4 mm							* PTFE A = 4 mm								



Rohrverbindungen – Verschraubungen

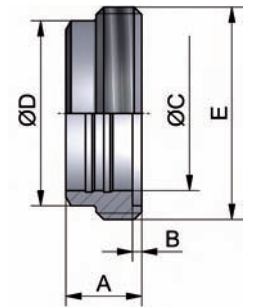
pipe connections – screwed pipe connections

Art.-Nr. 17000-

DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	AISI 304/304L-1.4301/1.4307			
							Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
1"	20,0	3,0	25,0	32,0	Rd40x1/6	0,070	-0251	10,55	-0252	11,00
1,5"	23,0	3,0	38,0	48,0	Rd60x1/6	0,197	-0381	13,15	-0382	13,70
2"	25,0	3,0	51,0	61,0	Rd70x1/6	0,230	-0511	14,55	-0512	14,85
2,5"	30,0	3,0	63,5	73,5	Rd85x1/6	0,395	-0631	20,40	-0632	20,85
3"	35,0	3,0	76,0	86,0	Rd98x1/6	0,510	-0761	24,10	-0762	24,60
Rd: Rundgewinde							Rd: round thread			

SMS-Gewindestutzen W

SMS expanding male part

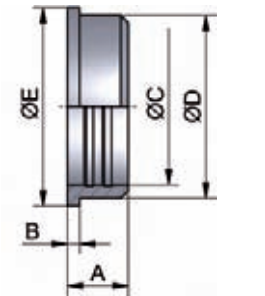


Art.-Nr. 17100-

DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	AISI 304/304L-1.4301/1.4307			
							Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
1"	17,0	3,5	25,0	32,0	35,5	0,040	-0251	7,00	-0252	7,30
1,5"	20,0	4,0	38,0	48,0	55,0	0,120	-0381	9,30	-0382	9,70
2"	20,0	4,0	51,0	60,0	65,0	0,130	-0511	9,90	-0512	10,10
2,5"	25,0	4,0	63,5	73,5	80,0	0,215	-0631	13,75	-0632	14,05
3"	30,0	5,0	76,0	86,0	93,0	0,310	-0761	17,35	-0762	17,70

SMS-Bundstutzen W

SMS expanding liner

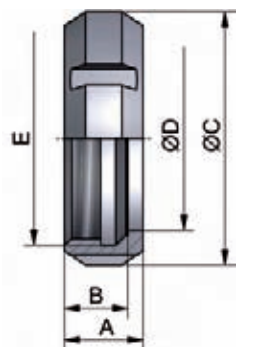


Art.-Nr. 17200-

DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	AISI 304/304L-1.4301/1.4307			
							Art.-Nr. blank	Preis EUR	Art.-Nr. matt	Preis EUR
1"	20,0	16,0	51,0	32,0	Rd40x1/6	0,050	-0251	10,10	-0252	10,55
1,5"	25,0	21,0	74,0	48,0	Rd60x1/6	0,170	-0381	11,95	-0382	12,45
2"	26,0	21,0	84,0	60,5	Rd70x1/6	0,310	-0511	13,20	-0512	13,50
2,5"	30,0	25,0	100,0	74,0	Rd85x1/6	0,330	-0631	18,50	-0632	18,90
3"	32,0	26,0	114,0	87,0	Rd98x1/6	0,591	-0761	23,45	-0762	23,95
4"	45,0	38,0	154,0	117,0	Rd132x1/6	1,740	-1011	67,45	-1012	68,80
Rd: Rundgewinde							RD: round thread			

SMS-Nutmutter

SMS nut

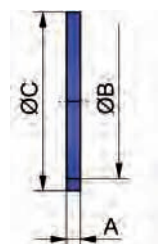


Art.-Nr. 17300-

DN	A mm	B mm	C mm	D mm	E mm	Gew. kg	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
							NBR	EUR	EPDM	EUR	FKM	EUR	PTFE	EUR
1"	5,5*	25,0	32,0			0,002	-0250200	1,10	-0250300	1,60	-0250400	10,50	-0250500	4,90
1,5"	5,5*	38,0	48,0			0,003	-0380200	1,15	-0380300	1,70	-0380400	13,80	-0380500	5,60
2"	5,5*	51,0	61,0			0,006	-0510200	1,30	-0510300	2,20	-0510400	26,80	-0510500	12,60
2,5"	5,5*	63,5	73,5			0,007	-0630200	1,40	-0630300	3,10	-0630400	35,20	-0630500	11,20
3"	5,5*	76,0	86,0			0,010	-0760200	1,80	-0760300	3,60	-0760400	45,10	-0760500	16,50
4"	5,5*	101,6	113,5			0,020	-1010200	4,20	-1010300	8,50	-1010400	78,10	-1010500	19,10
* PTFE A = 4 mm							* PTFE A = 4 mm							

SMS-Dichtung

SMS gasket



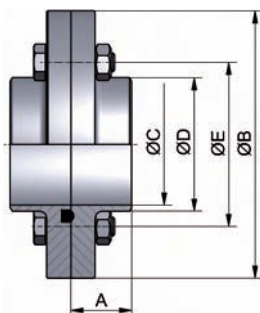




Verschraubungen screwed pipe connections	1
Flanschverbindungen flanged pipe connections	2
Clampverbindungen clamp pipe connections	3
Schlauchverbindungen hose pipe connections	4
Industriefittings industrial fittings	5



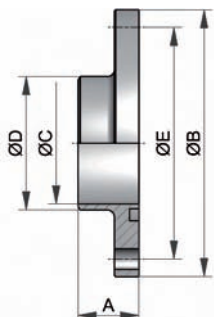
1	Verschraubungen screwed pipe connections
2	Flanschverbindungen flanged pipe connections
3	Clampverbindungen clamp pipe connections
4	Schlauchverbindungen hose pipe connections
5	Industriefittings industrial fittings

Rohrverbindungen – Flanschverbindungen
pipe connections – flanged pipe connections
**Flanschverbindung
komplett**
**flange connection
complete (DIN)**


Art.-Nr. 14500-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	matt NBR	EUR	bl. NBR	EUR	matt NBR	EUR	
10	20,0	62,0	10,0	15,0	44,0	0,480	-0101200	(+)	-0102200	(+)	-0103200	(+)	-0104200	(+)	
15	20,0	68,0	16,0	21,0	50,0	0,520	-0151200	58,45	-0152200	60,45	-0153200	75,80	-0154200	78,45	
20	20,0	75,0	20,0	25,0	59,0	0,580	-0201200	55,60	-0202200	57,30	-0203200	72,20	-0204200	73,90	
25	20,0	87,0	26,0	31,0	73,0	0,780	-0251200	40,65	-0252200	42,35	-0253200	52,50	-0254200	54,20	
32	20,0	92,0	32,0	37,0	78,0	0,920	-0321200	44,30	-0322200	46,10	-0323200	57,60	-0324200	59,40	
40	25,0	97,0	38,0	43,0	82,5	0,940	-0401200	45,60	-0402200	47,55	-0403200	60,30	-0404200	62,20	
50	25,0	110,0	50,0	55,0	95,5	1,180	-0501200	49,10	-0502200	51,10	-0503200	66,30	-0504200	68,30	
65	25,0	127,0	66,0	72,0	112,5	1,500	-0651200	62,10	-0652200	64,20	-0653200	87,00	-0654200	89,10	
80	30,0	142,0	81,0	87,0	127,5	2,560	-0801200	87,85	-0802200	90,05	-0803200	123,00	-0804200	125,20	
100	30,0	162,0	100,0	106,0	147,5	3,430	-1001200	110,80	-1002200	113,10	-1003200	149,60	-1004200	151,90	
125	40,0	200,0	125,0	132,0	180,0	5,740	-1251200	326,40	-1252200	333,00	-1253200	417,85	-1254200	424,45	
150	45,0	230,0	150,0	157,0	210,0	7,690	-1501200	399,50	-1502200	407,50	-1503200	511,35	-1504200	519,35	

wird in Einzelteilen geliefert - weitere Dichtungswerkstoffe auf Anfrage
 delivered in single components - other gasket materials on inquiry

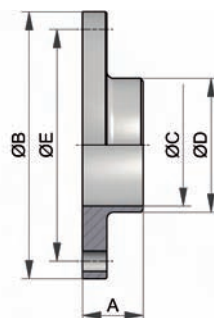
**Kleinflansch
mit Nut**

**flange
with groove**


Art.-Nr. 14510-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
10	20,0	62,0	10,0	15,0	44,0	0,120	-0101	(+)	-0102	(+)	-0103	(+)	-0104	(+)	
15	20,0	68,0	16,0	21,0	50,0	0,260	-0151	27,40	-0152	28,45	-0153	36,40	-0154	37,75	
20	20,0	75,0	20,0	25,0	59,0	0,310	-0201	25,75	-0202	26,60	-0203	34,30	-0204	35,15	
25	20,0	87,0	26,0	31,0	73,0	0,410	-0251	18,05	-0252	18,90	-0253	24,15	-0254	25,00	
32	20,0	92,0	32,0	37,0	78,0	0,490	-0321	19,90	-0322	20,80	-0323	26,75	-0324	27,65	
40	25,0	97,0	38,0	43,0	82,5	0,500	-0401	20,55	-0402	21,50	-0403	28,10	-0404	29,05	
50	25,0	110,0	50,0	55,0	95,5	0,580	-0501	22,35	-0502	23,35	-0503	31,20	-0504	32,20	
65	25,0	127,0	66,0	72,0	112,5	0,730	-0651	28,95	-0652	30,00	-0653	41,80	-0654	42,85	
80	30,0	142,0	81,0	87,0	127,5	1,380	-0801	41,55	-0802	42,65	-0803	59,65	-0804	60,75	
100	30,0	162,0	100,0	106,0	147,5	1,640	-1001	53,20	-1002	54,35	-1003	73,20	-1004	74,35	
125	40,0	200,0	125,0	132,0	180,0	2,580	-1251	163,40	-1252	166,70	-1253	210,50	-1254	213,80	
150	45,0	230,0	150,0	157,0	210,0	3,300	-1501	200,90	-1502	204,90	-1503	258,50	-1504	262,50	

Montagesätze und Dichtungen siehe Seite 28
 mounting kits and gaskets see page 28

**Kleinflansch
ohne Nut**

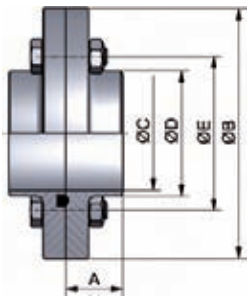
**flange
without groove**


Art.-Nr. 14520-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
10	20,0	62,0	10,0	15,0	44,0	0,120	-0101	(+)	-0102	(+)	-0103	(+)	-0104	(+)	
15	20,0	68,0	16,0	21,0	50,0	0,260	-0151	25,50	-0152	26,45	-0153	33,85	-0154	35,15	
20	20,0	75,0	20,0	25,0	59,0	0,310	-0201	24,30	-0202	25,15	-0203	32,35	-0204	33,20	
25	20,0	87,0	26,0	31,0	73,0	0,410	-0251	17,00	-0252	17,85	-0253	22,75	-0254	23,60	
32	20,0	92,0	32,0	37,0	78,0	0,490	-0321	18,80	-0322	19,70	-0323	25,25	-0324	26,15	
40	25,0	97,0	38,0	43,0	82,5	0,500	-0401	19,40	-0402	20,35	-0403	26,50	-0404	27,45	
50	25,0	110,0	50,0	55,0	95,5	0,580	-0501	21,05	-0502	22,05	-0503	29,40	-0504	30,40	
65	25,0	127,0	66,0	72,0	112,5	0,730	-0651	27,30	-0652	28,35	-0653	39,35	-0654	40,40	
80	30,0	142,0	81,0	87,0	127,5	1,380	-0801	39,15	-0802	40,25	-0803	56,20	-0804	57,30	
100	30,0	162,0	100,0	106,0	147,5	1,640	-1001	50,10	-1002	51,25	-1003	68,90	-1004	70,05	
125	40,0	200,0	125,0	132,0	180,0	2,580	-1251	153,90	-1252	157,20	-1253	198,25	-1254	201,55	
150	45,0	230,0	150,0	157,0	210,0	3,300	-1501	189,25	-1502	193,25	-1503	243,50	-1504	247,50	

Montagesätze und Dichtungen siehe Seite 28
 (+) Preis auf Anfrage
 mounting kits and gaskets see page 28
 (+) price on inquiry

Rohrverbindungen – Flanschverbindungen
pipe connections – flanged pipe connections
**Flanschverbindung
komplett (Zoll)**
Art.-Nr. 14601-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
**flange connection
complete (inch)**

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	matt NBR	EUR	bl. NBR	EUR	matt NBR	EUR
1"	19,0	87,0	22,3	28,0	73,0	0,780	-1001200	43,10	-1002200	44,90	-1003200	55,55	-1004200	57,35
1,5"	24,0	97,0	35,1	41,0	82,5	0,940	-1121200	48,05	-1122200	50,05	-1123200	63,50	-1124200	65,50
2"	24,0	110,0	47,8	54,0	95,5	1,180	-2001200	51,55	-2002200	53,55	-2003200	69,60	-2004200	71,60
2,5"	24,0	127,0	60,5	68,0	112,5	1,500	-2121200	64,60	-2122200	66,70	-2123200	90,40	-2124200	92,50
3"	30,0	142,0	72,8	78,0	127,5	2,560	-3001200	114,00	-3002200	116,30	-3003200	159,25	-3004200	161,55
4"	29,0	162,0	97,6	104,0	147,5	3,430	-4001200	125,85	-4002200	128,45	-4003200	169,90	-4004200	172,50

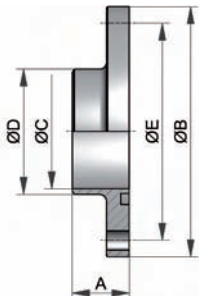


wird in Einzelteilen geliefert - weitere Dichtungswerkstoffe auf Anfrage

delivered in single components - other gasket materials on inquiry

**Kleinflansch
mit Nut (Zoll)**
Art.-Nr. 14611-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
**flange
with groove (inch)**

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	19,0	87,0	22,3	28,0	73,0	0,410	-1001	19,30	-1002	20,20	-1003	25,70	-1004	26,60
1,5"	24,0	97,0	35,1	41,0	82,5	0,510	-1121	21,80	-1122	22,80	-1123	29,75	-1124	30,75
2"	24,0	110,0	47,8	54,0	95,5	0,600	-2001	23,60	-2002	24,60	-2003	32,90	-2004	33,90
2,5"	24,0	127,0	60,5	68,0	112,5	0,800	-2121	30,25	-2122	31,30	-2123	43,55	-2124	44,60
3"	30,0	142,0	72,8	78,0	127,5	1,480	-3001	54,50	-3002	55,65	-3003	77,80	-3004	78,95
4"	29,0	162,0	97,6	104,0	147,5	1,710	-4001	60,95	-4002	62,25	-4003	83,60	-4004	84,90

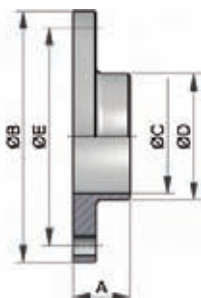


Montagesätze und Dichtungen siehe Seite 28

mounting kits and gaskets see page 28

**Kleinflansch
ohne Nut (Zoll)**
Art.-Nr. 14621-
AISI 304/304L-1.4301/1.4307
AISI 316L-1.4404
**flange
without groove (inch)**

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	19,0	87,0	22,3	28,0	73,0	0,410	-1001	18,20	-1002	19,10	-1003	24,25	-1004	25,15
1,5"	24,0	97,0	35,1	41,0	82,5	0,510	-1121	20,60	-1122	21,60	-1123	28,10	-1124	29,10
2"	24,0	110,0	47,8	54,0	95,5	0,600	-2001	22,25	-2002	23,25	-2003	31,00	-2004	32,00
2,5"	24,0	127,0	60,5	68,0	112,5	0,800	-2121	28,50	-2122	29,55	-2123	41,00	-2124	42,05
3"	30,0	142,0	72,8	78,0	127,5	1,480	-3001	51,35	-3002	52,50	-3003	73,30	-3004	74,45
4"	29,0	162,0	97,6	104,0	147,5	1,710	-4001	57,40	-4002	58,70	-4003	78,80	-4004	80,10

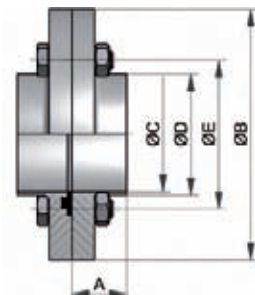


Montagesätze und Dichtungen siehe Seite 28

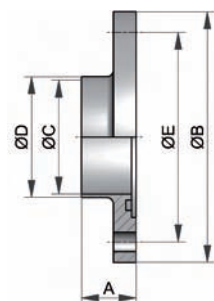
mounting kits and gaskets see page 28

Rohrverbindungen – Flanschverbindungen
pipe connections – flanged pipe connections

Art-Nr. 14M00-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	bl. EPDM	EUR	matt EPDM	EUR	bl. EPDM	EUR	matt EPDM	EUR	
25	24,0	83,0	26,0	29,0	65,0	0,410	-0251300	(+)	-0252300	(+)	-0253300	84,55	-0254300	87,50	
40	24,0	100,0	38,0	41,0	82,0	0,500	-0401300	(+)	-0402300	(+)	-0403300	90,65	-0404300	93,80	
50	24,0	110,0	50,0	53,0	92,0	0,580	-0501300	(+)	-0502300	(+)	-0503300	107,35	-0504300	111,05	
65	24,0	127,0	66,0	70,0	109,0	0,730	-0651300	(+)	-0652300	(+)	-0653300	132,00	-0654300	136,50	
80	24,0	142,0	81,0	85,0	124,0	1,380	-0801300	(+)	-0802300	(+)	-0803300	142,40	-0804300	147,25	
100	24,0	162,0	100,0	104,0	144,0	1,640	-1001300	(+)	-1002300	(+)	-1003300	174,55	-1004300	180,50	

**Hygiene-
flanschverbindung**
**hygienic flange
connection**


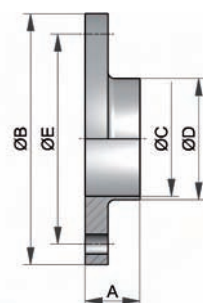
Art-Nr. 14M10-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
25	24,0	83,0	26,0	29,0	65,0	0,410	-0251	(+)	-0252	(+)	-0253	33,45	-0254	34,95	
40	24,0	100,0	38,0	41,0	82,0	0,500	-0401	(+)	-0402	(+)	-0403	36,65	-0404	37,25	
50	24,0	110,0	50,0	53,0	92,0	0,580	-0501	(+)	-0502	(+)	-0503	41,85	-0504	43,75	
65	24,0	127,0	66,0	70,0	109,0	0,730	-0651	(+)	-0652	(+)	-0653	50,70	-0654	53,00	
80	24,0	142,0	81,0	85,0	124,0	1,380	-0801	(+)	-0802	(+)	-0803	54,80	-0804	57,30	
100	24,0	162,0	100,0	104,0	144,0	1,640	-1001	(+)	-1002	(+)	-1003	67,45	-1004	70,50	

**Hygiene-
nutflansch**
**hygienic flange
with groove**


Montagesätze und Dichtungen siehe Seite 28

mounting kits and gaskets see page 28

Art-Nr. 14M20-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
25	24,0	83,0	26,0	29,0	65,0	0,410	-0251	(+)	-0252	(+)	-0253	31,90	-0254	33,35	
40	24,0	100,0	38,0	41,0	82,0	0,500	-0401	(+)	-0402	(+)	-0403	34,00	-0404	35,55	
50	24,0	110,0	50,0	53,0	92,0	0,580	-0501	(+)	-0502	(+)	-0503	39,90	-0504	41,70	
65	24,0	127,0	66,0	70,0	109,0	0,730	-0651	(+)	-0652	(+)	-0653	48,50	-0654	50,70	
80	24,0	142,0	81,0	85,0	124,0	1,380	-0801	(+)	-0802	(+)	-0803	52,30	-0804	54,65	
100	24,0	162,0	100,0	104,0	144,0	1,640	-1001	(+)	-1002	(+)	-1003	64,30	-1004	67,20	

**Hygiene-
glattflansch**
**hygienic flange
without groove**


Montagesätze und Dichtungen siehe Seite 28

mounting kits and gaskets see page 28

(+) Preis auf Anfrage

(+) price on inquiry

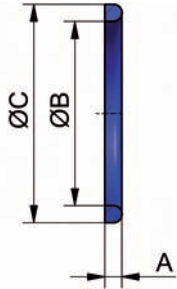
Dichtring G Art.-Nr. 11100-

gasket

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
10	4,5	12,0	20,0			0,001	-0100100	0,80	-0100200	0,25	-0100300	0,35	-0100400	2,45
15	4,5	18,0	26,0			0,002	-0150100	0,85	-0150200	0,25	-0150300	0,40	-0150400	2,50
20	4,5	23,0	33,0			0,003	-0200100	0,95	-0200200	0,25	-0200300	0,40	-0200400	2,85
25/1"	5,0	30,0	40,0			0,003	-0250100	1,00	-0250200	0,30	-0250300	0,45	-0250400	2,90
32/1,25"	5,0	36,0	46,0			0,004	-0320100	1,20	-0320200	0,30	-0320300	0,50	-0320400	3,35
40/1,5"	5,0	42,0	52,0			0,004	-0400100	1,40	-0400200	0,35	-0400300	0,55	-0400400	3,60
50/2"	5,0	54,0	64,0			0,005	-0500100	1,55	-0500200	0,40	-0500300	0,70	-0500400	4,15
65/2,5"	5,0	71,0	81,0			0,006	-0650100	2,20	-0650200	0,55	-0650300	1,00	-0650400	5,70
75/3"	5,0	78,0	88,0			0,008	-0750100	5,60	-0750200	1,75	-0750300	3,90	-0750400	13,10
80	5,0	85,0	95,0			0,008	-0800100	2,65	-0800200	0,75	-0800300	1,15	-0800400	7,00
90	5,0	94,0	104,0			0,010	-0900100	5,80	-0900200	1,90	-0900300	2,25	-0900400	16,90
100/4"	6,0	104,0	114,0			0,012	-1000100	4,60	-1000200	1,10	-1000300	1,45	-1000400	12,45
125	7,0	130,0	142,0			0,018	-1250100	6,45	-1250200	2,00	-1250300	2,90	-1250400	21,45
150	7,0	155,0	167,0			0,023	-1500100	7,95	-1500200	2,25	-1500300	3,70	-1500400	24,85
200	7,0	204,0	216,0			0,036	-2000100	30,35	-2000200	20,65	-2000300	23,80	-2000400	101,35

weitere Werkstoffe auf Anfrage

other gasket materials on inquiry


Hygienedichtung Art.-Nr. 14M00-

hygienic gasket

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	EPDM	EUR
25	5,3					0,003	-0250300	13,90
40	5,3					0,004	-0400300	15,70
50	5,3					0,005	-0500300	20,30
65	5,3					0,006	-0650300	27,50
80	5,3					0,008	-0800300	28,90
100	5,3					0,012	-1000300	36,40


Montagesatz Flanschverbindung Art.-Nr. 14540-

assembly flange connection

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	A2/A4	EUR
*10-65						0,080	-0102000	5,30
*80-100						0,320	-0802000	6,40
*125-150						0,400	-1252000	7,10
#25-65						0,320	-0102000	5,30
#80-100						0,400	-0802010	6,40

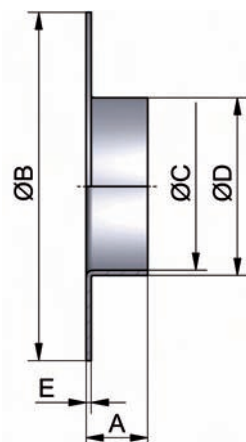

 * für Kleinflanschverbindung
 # für Hygieneflanschverbindung

 * for flange connection
 # for hygienic flange connection

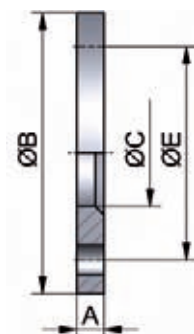
Rohrverbindungen – Flanschverbindungen
pipe connections – flanged pipe connections

Art.-Nr. 14200-							AISI 316L/316Ti-1.4404/1.4571		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	matt	EUR	
10	7,0	41,0	9,0	12,0		0,020	-0104	6,90	
15	7,0	45,0	15,0	18,0		0,025	-0154	6,90	
20	9,0	58,0	19,0	22,0		0,040	-0204	7,10	
25	12,0	68,0	25,0	28,0		0,060	-0254	7,10	
32	13,0	78,0	31,0	34,0		0,080	-0324	7,30	
40	17,0	88,0	37,0	40,0		0,090	-0404	8,10	
50	18,0	102,0	49,0	52,0		0,160	-0504	9,60	
65	23,0	122,0	66,0	70,0		0,260	-0654	13,75	
80	23,0	138,0	81,0	85,0		0,270	-0804	16,60	
100	27,0	158,0	100,0	104,0		0,300	-1004	20,00	
125	27,0	188,0	125,0	129,0		0,340	-1254	23,00	
150	27,0	212,0	150,0	154,0		0,400	-1504	27,60	
200	26,0	268,0	200,0	204,0		0,640	-2004	30,65	

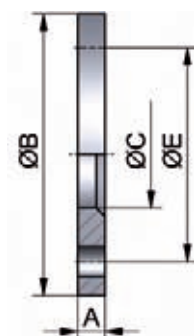
andere Werkstoffe und Abmessungen auf Anfrage other materials and dimensions on request

Bördel für DIN EN 10357
welding neck for DIN EN 10357


Art.-Nr. 14400-							AISI 304/321-1.4301/1.4541		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	
10	14,0	90,0	16,0			60,0	0,540	-0101010	26,60
15	14,0	95,0	22,0			65,0	0,600	-0151010	39,50
20	14,0	105,0	28,0			75,0	0,900	-0201010	43,80
25	16,0	115,0	33,0			85,0	1,070	-0251010	46,10
32	16,0	140,0	42,0			100,0	1,270	-0321010	53,50
40	16,0	150,0	50,0			110,0	1,710	-0401010	62,80
50	16,0	165,0	62,0			125,0	2,350	-0501010	78,20
65	16,0	185,0	81,0			145,0	2,850	-0651010	88,50
80	18,0	200,0	94,0			160,0	3,400	-0801010	94,50
100	18,0	220,0	113,0			180,0	4,030	-1001010	118,10
125	18,0	250,0	138,0			210,0	6,350	-1251010	175,00
150	18,0	285,0	164,0			240,0	7,950	-1501010	188,00
200	20,0	340,0	225,0			295,0	10,350	-2001010	243,30

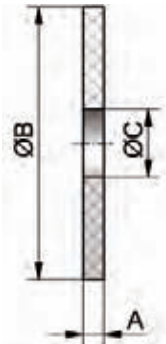
Losflansch DIN 2642 PN10
loose flange PN10


Art.-Nr. 14400-							Aluminium				
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	beschichtet/coated	EUR	
10	12,0	90,0	16,0			60,0	0,230	-0105010	5,60	-0106010	6,90
15	12,0	95,0	23,0			65,0	0,240	-0155010	5,60	-0156010	6,90
20	12,0	105,0	28,0			75,0	0,320	-0205010	6,90	-0206010	8,40
25	12,0	115,0	33,0			85,0	0,380	-0255010	6,90	-0256010	8,40
32	16,0	140,0	41,0			100,0	0,550	-0325010	8,80	-0326010	10,70
40	16,0	150,0	48,0			110,0	0,650	-0405010	9,50	-0406010	12,10
50	16,0	165,0	60,0			125,0	0,840	-0505010	12,00	-0506010	15,80
65	16,0	185,0	73,0			145,0	1,000	-0655010	15,20	-0656010	18,10
80	18,0	200,0	90,0			160,0	1,200	-0805010	16,40	-0806010	19,80
100	18,0	220,0	111,0			180,0	1,400	-1005010	17,80	-1006010	22,10
125	18,0	250,0	136,0			210,0	1,850	-1255010	23,40	-1256010	29,80
150	18,0	285,0	161,0			240,0	2,250	-1505010	30,40	-1506010	38,70
200	20,0	340,0	212,0			295,0	3,250	-2005010	43,10	-2006010	50,90

Losflansch Typ A PN 10
loose flange PN10


Bördeldichtung Art.-Nr. 14202-

flat seal for neck



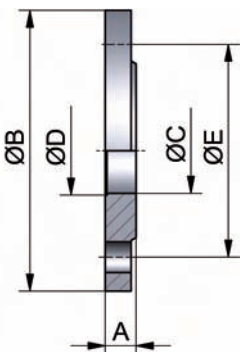
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	NBR	EUR
10	3,0	40,0	10,0			0,010	-0100200	2,90
15	3,0	45,0	16,0			0,010	-0150200	2,90
20	3,0	58,0	20,0			0,010	-0200200	2,90
25	3,0	68,0	25,0			0,010	-0250200	3,20
32	3,0	78,0	32,0			0,010	-0320200	3,50
40	4,0	88,0	38,0			0,010	-0400200	3,70
50	4,0	102,0	50,0			0,030	-0500200	3,80
65	4,0	122,0	66,0			0,040	-0650200	3,90
80	4,0	138,0	81,0			0,050	-0800200	4,70
100	4,0	158,0	100,0			0,060	-1000200	5,50
125	4,0	188,0	125,0			0,080	-1250200	5,90
150	4,0	212,0	150,0			0,080	-1500200	8,20
200	4,0	268,0	200,0			0,120	-2000200	9,10

weitere Dichtungswerkstoffe auf Anfrage

other gasket materials on inquiry

Glatter Flansch PN10

plain flange PN10


Art.-Nr. 14300-

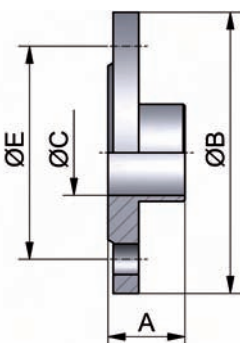
AISI 304/304L-1.4301/1.4307

AISI 316L-1.4404

DN	A	B	C	D	E	Gew.	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	14,0	90,0	10,0	12,2	60,0	0,560	-0101	26,60	-0102	27,70	-0103	28,65	-0104	29,75
15	14,0	95,0	16,0	18,2	65,0	0,630	-0151	27,10	-0152	28,20	-0153	29,30	-0154	30,40
20	16,0	105,0	20,0	22,2	75,0	0,890	-0201	27,85	-0202	29,00	-0203	31,40	-0204	32,55
25	16,0	115,0	26,0	28,2	85,0	1,050	-0251	28,60	-0252	29,75	-0253	35,15	-0254	36,30
32	16,0	140,0	32,0	34,2	100,0	1,550	-0321	57,10	-0322	59,40	-0323	61,55	-0324	63,85
40	16,0	150,0	38,0	40,2	110,0	1,730	-0401	43,95	-0402	45,75	-0403	54,60	-0404	56,40
50	18,0	165,0	50,0	52,2	125,0	2,340	-0501	50,35	-0502	51,40	-0503	70,90	-0504	71,95
65	18,0	185,0	66,0	70,3	145,0	2,850	-0651	63,90	-0652	65,20	-0653	87,75	-0654	89,05
80	20,0	200,0	81,0	85,3	160,0	3,400	-0801	79,25	-0802	80,85	-0803	105,25	-0804	106,85
100	20,0	220,0	100,0	104,3	180,0	4,080	-1001	109,95	-1002	112,15	-1003	135,50	-1004	137,70
125	22,0	250,0	125,0	129,5	210,0	6,350	-1251	144,70	-1252	147,60	-1253	172,30	-1254	175,20
150	22,0	285,0	150,0	154,5	240,0	7,950	-1501	169,50	-1502	172,90	-1503	234,50	-1504	237,90
200	24,0	340,0	200,0	204,5	295,0	10,450	-2001	243,30	-2002	248,20	-2003	314,70	-2004	319,60

Flansch mit Schweißende

flange with welding end


Art.-Nr. 14700-

AISI 304/304L-1.4301/1.4307

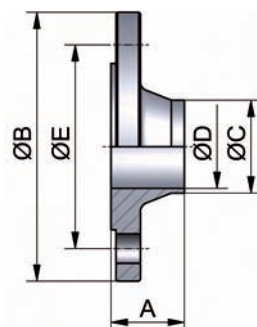
AISI 316L-1.4404

DN	A	B	C	D	E	Gew.	AISI 304/304L-1.4301/1.4307		AISI 316L-1.4404					
							Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	35,0	90,0	10,0		60,0	0,510	-0101	51,10	-0102	53,15	-0103	94,60	-0104	96,65
15	35,0	95,0	16,0		65,0	0,620	-0151	52,35	-0152	54,45	-0153	83,55	-0154	85,65
20	38,0	105,0	20,0		75,0	0,620	-0201	56,75	-0202	59,05	-0203	72,10	-0204	74,40
25	38,0	115,0	26,0		85,0	1,000	-0251	55,60	-0252	57,85	-0253	71,20	-0254	73,45
32	40,0	140,0	32,0		100,0	1,510	-0321	86,20	-0322	89,65	-0323	103,35	-0324	106,80
40	42,0	150,0	38,0		110,0	1,620	-0401	78,20	-0402	81,35	-0403	84,05	-0404	87,20
50	45,0	165,0	50,0		125,0	2,140	-0501	89,75	-0502	91,55	-0503	97,15	-0504	98,95
65	45,0	185,0	66,0		145,0	2,660	-0651	106,70	-0652	108,85	-0653	116,50	-0654	118,65
80	50,0	200,0	81,0		160,0	3,170	-0801	131,25	-0802	133,90	-0803	146,00	-0804	148,65
100	52,0	220,0	100,0		180,0	4,040	-1001	178,50	-1002	182,10	-1003	199,20	-1004	202,80

Rohrverbindungen – Flanschverbindungen
pipe connections – flanged pipe connections

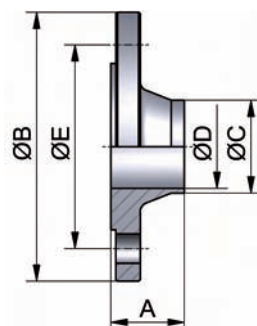
Art.-Nr. 14820-							AISI 304/321-1.4301/1.4541		AISI 316L/316Ti-1.4404/1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	blank	EUR
10	35,0	90,0	13,0	10,0	60,0	0,580	-0101016	40,55	-0103016	43,85
15	35,0	95,0	19,0	16,0	65,0	0,648	-0151016	43,85	-0153016	47,40
20	38,0	105,0	23,0	20,0	75,0	0,952	-0201016	47,50	-0203016	51,40
25	38,0	115,0	29,0	26,0	85,0	1,140	-0251016	51,70	-0253016	55,90
32	40,0	140,0	35,0	32,0	100,0	1,690	-0321016	72,10	-0323016	77,90
40	42,0	150,0	41,0	38,0	110,0	1,860	-0401016	83,85	-0403016	90,50
50	45,0	165,0	53,0	50,0	125,0	2,530	-0501016	84,70	-0503016	91,50
65	45,0	185,0	70,0	66,0	145,0	3,060	-0651016	98,35	-0653016	106,25
80	50,0	200,0	85,0	81,0	160,0	3,700	-0801016	114,75	-0803016	123,90
100	52,0	220,0	104,0	100,0	180,0	4,620	-1001016	147,05	-1003016	158,85
125	55,0	250,0	129,0	125,0	210,0	6,300	-1251016	206,00	-1253016	222,50
150	55,0	285,0	154,0	150,0	240,0	7,750	-1501016	242,25	-1503016	261,60
200	62,0	340,0	204,0	200,0	295,0	11,000	-2001016	399,20	-2003016	431,30

weitere Druckstufen auf Anfrage other pressure ranges on inquiry

**Vorschweißflansch
DIN 2633 PN16
für Rohre
EN 10357 Serie A**
**welding neck flange
DIN 2633
for pipes
EN 10357 series A**


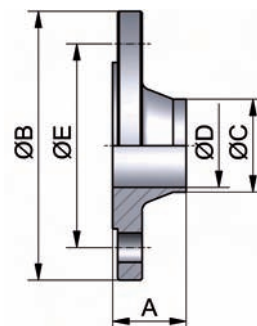
Art.-Nr. 14800-							AISI 304/321-1.4301/1.4541		AISI 316L/316Ti-1.4404/1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	blank	EUR
10	35,0	90,0	14,0	10,4	60,0	0,580	-0101016	42,00	-0103016	46,00
15	35,0	95,0	20,0	16,0	65,0	0,648	-0151016	42,00	-0153016	46,00
20	38,0	105,0	25,0	20,4	75,0	0,952	-0201016	45,00	-0203016	49,00
25	38,0	115,0	30,0	24,8	85,0	1,140	-0251016	50,40	-0253016	54,80
32	40,0	140,0	38,0	32,8	100,0	1,690	-0321016	68,10	-0323016	72,40
40	42,0	150,0	44,5	39,3	110,0	1,860	-0401016	76,20	-0403016	82,25
50	45,0	165,0	57,0	51,2	125,0	2,530	-0501016	77,00	-0503016	83,15
65*	45,0	185,0	76,1	70,3	145,0	3,060	-0651016	89,40	-0653016	96,55
80*	50,0	200,0	88,9	82,5	160,0	3,700	-0801016	104,30	-0803016	112,60
100	52,0	220,0	108,0	100,8	180,0	4,620	-1001016	133,65	-1003016	144,40
125	55,0	250,0	133,0	125,0	210,0	6,300	-1251016	187,25	-1253016	202,25
150	55,0	285,0	159,0	150,0	240,0	7,750	-1501016	220,20	-1503016	237,80
200*	62,0	340,0	219,1	207,3	295,0	11,000	-2001016	380,00	-2003016	415,00

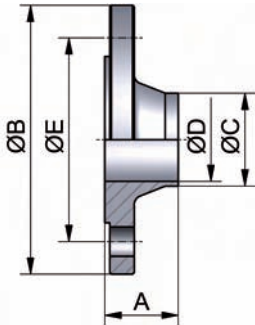
weitere Druckstufen auf Anfrage other pressure ranges on inquiry
* DIN 2633-R1 * DIN 2633-R1

**Vorschweißflansch
DIN 2633-R2 PN16**
**welding neck flange
DIN 2633-R2 PN16**


Art.-Nr. 14808-							AISI 304/321-1.4301/1.4541		AISI 316L/316Ti-1.4404/1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	blank	EUR
10	35,0	90,0	17,2	13,6	60,0	0,580	-0101016	36,85	-0103016	39,85
15	35,0	95,0	21,3	17,3	65,0	0,648	-0151016	39,85	-0153016	43,05
20	38,0	105,0	26,9	22,3	75,0	0,952	-0201016	43,20	-0203016	46,70
25	38,0	115,0	33,7	28,5	85,0	1,140	-0251016	47,00	-0253016	50,80
32	40,0	140,0	42,4	37,2	100,0	1,690	-0321016	65,55	-0323016	70,80
40	42,0	150,0	48,3	43,1	110,0	1,860	-0401016	76,20	-0403016	82,25
50	45,0	165,0	60,3	54,5	125,0	2,530	-0501016	77,00	-0503016	83,15
65	45,0	185,0	76,1	70,3	145,0	3,060	siehe Artikel 148000651016	89,40	siehe Artikel 148000653016	96,55
80	50,0	200,0	88,9	82,5	160,0	3,700	siehe Artikel 148000801016	104,30	siehe Artikel 148000803016	112,60
100	52,0	220,0	114,3	107,1	180,0	4,620	-1001016	133,65	-1003016	144,40
125	55,0	250,0	139,7	131,7	210,0	6,300	-1251016	187,25	-1253016	202,25
150	55,0	285,0	168,3	159,3	240,0	7,750	-1501016	220,20	-1503016	237,80
200	62,0	340,0	219,1	207,3	295,0	11,000	siehe Artikel 148002001016	380,00	siehe Artikel 148002003016	415,00

weitere Druckstufen auf Anfrage other pressure ranges on inquiry

**Vorschweißflansch
DIN 2633-R1 PN16**
**welding neck flange
DIN 2633-R1 PN16**


Rohrverbindungen – Flanschverbindungen
pipe connections – flanged pipe connections
**Vorschweißflansch
EN 1092-1
PN40/PN16**
**welding neck
flange EN 1092-1
PN40/PN16**

Art.-Nr. 14711-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
*10	35,0	90,0	17,2	13,6	60,0	0,500
*15	38,0	95,0	21,3	17,3	65,0	1,000
*20	40,0	105,0	26,9	22,3	75,0	1,000
*25	40,0	115,0	33,7	28,5	85,0	1,000
*32	42,0	140,0	42,4	37,2	100,0	2,000
*40	45,0	150,0	48,3	43,1	110,0	2,000
#50	45,0	165,0	60,3	54,5	125,0	2,800
#65	45,0	185,0	76,1	70,3	145,0	3,500
#80	50,0	200,0	88,9	82,5	160,0	4,000
#100	52,0	220,0	114,3	107,1	180,0	4,500
#125	55,0	250,0	139,7	131,7	210,0	6,500
#150	55,0	285,0	168,3	159,3	240,0	7,500

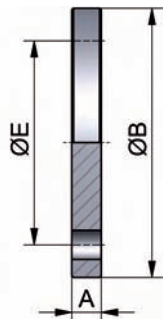
AISI 316L/316Ti-1.4404/1.4571

Art.-Nr.
blank

Preis
EUR

 * PN40
PN16

 * PN40
PN16

**Blindflansch
DIN 2527-B**
**blind flange
DIN 2527-B**

Art.-Nr. 15000-

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
10	14,0	90,0			60,0	0,690
15	14,0	95,0			65,0	0,770
20	16,0	105,0			75,0	1,080
25	16,0	115,0			85,0	1,300
32	16,0	140,0			100,0	1,930
40	16,0	150,0			110,0	2,210
50	18,0	165,0			125,0	3,020
65	18,0	185,0			145,0	4,830
80	20,0	200,0			160,0	6,280
100	20,0	220,0			180,0	7,590
125	22,0	250,0			210,0	8,470
150	22,0	285,0			240,0	11,010
200	24,0	340,0			295,0	22,080

AISI 304/304L-1.4301/1.4307

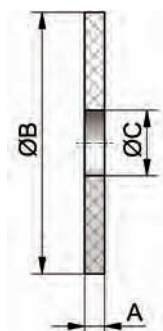
AISI 316L-1.4404

Art.-Nr.
blank

Preis
EUR

Art.-Nr.
blank

Preis
EUR

Art.-Nr. 14900-
**Flanschdichtung
flat seal for flange**


DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
10	3,0	40,0	10,0			0,004
15	3,0	45,0	16,0			0,006
20	3,0	58,0	20,0			0,010
25	3,0	68,0	26,0			0,012
32	3,0	78,0	32,0			0,015
40	4,0	88,0	38,0			0,025
50	4,0	102,0	50,0			0,034
65	4,0	122,0	66,0			0,045
80	4,0	138,0	81,0			0,057
100	4,0	158,0	100,0			0,060
125	4,0	188,0	125,0			0,089
150	4,0	212,0	150,0			0,102
200	4,0	268,0	200,0			0,124

Art.-Nr.
NBR

Preis
EUR

 weitere Dichtungswerkstoffe auf Anfrage
 (+) Preis auf Anfrage

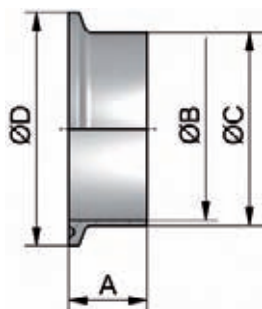
 other gasket materials on inquiry
 (+) price on inquiry



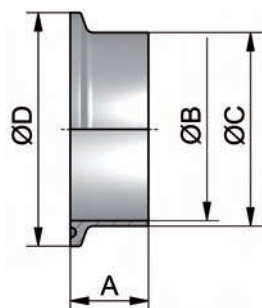
Verschraubungen screwed pipe connections	1
Flanschverbindungen flanged pipe connections	2
Clampverbindungen clamp pipe connections	3
Schlauchverbindungen hose pipe connections	4
Industriefittings industrial fittings	5



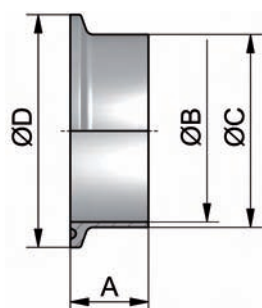
1	Verschraubungen screwed pipe connections
2	Flanschverbindungen flanged pipe connections
3	Clampverbindungen clamp pipe connections
4	Schlauchverbindungen hose pipe connections
5	Industriefittings industrial fittings

Rohrverbindungen – Clampverbindungen
pipe connections – clamp pipe connections
Clampstutzen (TC)
DIN 32676-A-KK
DIN
ferrule (TC)
DIN 32676-A-KK
DIN


Art.-Nr. 18400-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
6	12,7	6,0	8,0	25,0		0,020	-0061	10,80	-0062	11,40	-0063	12,85	-0064	13,45	
8	12,7	8,0	10,0	25,0		0,020	-0081	10,80	-0082	11,40	-0083	12,85	-0084	13,45	
10	18,0	10,0	13,0	34,0		0,030	-0101	11,80	-0102	12,40	-0103	13,85	-0104	14,45	
15	18,0	16,0	19,0	34,0		0,030	-0151	11,80	-0152	12,40	-0153	13,85	-0154	14,45	
20	18,0	20,0	23,0	34,0		0,030	-0201	11,80	-0202	12,40	-0203	13,85	-0204	14,45	
25	21,5	26,0	29,0	50,5		0,070	-0251	10,55	-0252	11,00	-0253	12,10	-0254	12,55	
32	21,5	32,0	35,0	50,5		0,060	-0321	13,80	-0322	14,40	-0323	17,40	-0324	18,00	
40	21,5	38,0	41,0	50,5		0,050	-0401	10,85	-0402	11,30	-0403	12,70	-0404	13,15	
50	21,5	50,0	53,0	64,0		0,070	-0501	11,55	-0502	11,80	-0503	13,60	-0504	13,85	
65	28,0	66,0	70,0	91,0		0,100	-0651	16,25	-0652	16,60	-0653	19,70	-0654	20,05	
80	28,0	81,0	85,0	106,0		0,200	-0801	29,65	-0802	30,25	-0803	34,50	-0804	35,10	
100	28,0	100,0	104,0	119,0		0,220	-1001	43,25	-1002	44,15	-1003	49,35	-1004	50,25	
125	28,0	125,0	129,0	155,0		0,510	-1251	121,50	-1252	123,50	-1253	139,90	-1254	141,90	
150	28,0	150,0	154,0	183,0		0,670	-1501	145,80	-1502	148,80	-1503	166,50	-1504	169,50	
200	28,0	200,0	204,0	233,5		0,700	-2001	299,50	-2002	304,50	-2003	332,50	-2004	336,50	
DIN 32676-KL siehe Kapitel Hygienearmaturen								DIN 32676-KL see chapter hygienic fittings							

Clampstutzen (TC)
DIN 32676-C-KK
ASME
ferrule (TC)
DIN 32676-C-KK
ASME


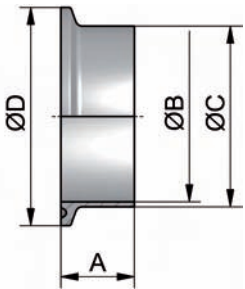
Art.-Nr. 18401-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
0,25"	12,7	4,57	6,35	25,0		0,015	-0141	10,80	-0142	11,40	-0143	12,85	-0144	13,45	
0,375"	12,7	7,75	9,53	25,0		0,015	-0381	10,80	-0382	11,40	-0383	12,85	-0384	13,45	
0,5"	12,7	9,4	12,7	25,0		0,020	-0121	10,80	-0122	11,40	-0123	12,85	-0124	13,45	
0,75"	12,7	15,75	19,05	25,0		0,020	-0341	10,80	-0342	11,40	-0343	12,85	-0344	13,45	
1"	21,5	22,1	25,4	50,5		0,070	-1001	10,55	-1002	11,00	-1003	12,10	-1004	12,55	
1,5"	21,5	34,8	38,1	50,5		0,050	-1121	10,85	-1122	11,30	-1123	12,70	-1124	13,15	
2"	21,5	47,5	50,8	64,0		0,070	-2001	11,55	-2002	11,80	-2003	13,60	-2004	13,85	
2,5"	28,0	60,2	63,5	77,5		0,100	-2121	16,15	-2122	16,50	-2123	19,70	-2124	20,05	
3"	28,0	72,9	76,2	91,0		0,170	-3001	29,85	-3002	30,45	-3003	34,50	-3004	35,10	
4"	28,0	97,4	101,6	119,0		0,240	-4001	43,45	-4002	44,35	-4003	49,35	-4004	50,25	
6"	28,0	146,9	152,4	167,0		0,400	-6001	165,50	-6002	167,50	-6003	183,50	-6004	185,50	
DIN 32676-KL siehe Kapitel Hygienearmaturen								DIN 32676-KL see chapter hygienic fittings							

Clampstutzen (TC)
DIN 32676-B-KK
ISO
ferrule (TC)
DIN 32676-B-KK
ISO


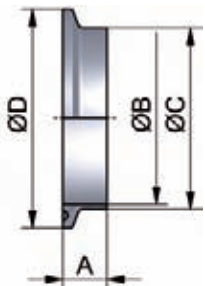
Art.-Nr. 18408-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
10,2	12,7	7,0	10,2	25,0		0,020	-0061100	11,35	-0062100	11,95	-0063100	13,50	-0064100	14,10	
13,5	12,7	10,3	13,5	25,0		0,030	-0081100	11,35	-0082100	11,95	-0083100	13,50	-0084100	14,10	
17,2	12,7	14,0	17,2	25,0		0,040	-0101100	11,35	-0102100	11,95	-0103100	13,50	-0104100	14,10	
21,3	21,5	18,1	21,3	50,5		0,060	-0151100	10,75	-0152100	11,20	-0153100	12,30	-0154100	12,75	
26,9	21,5	23,7	26,9	50,5		0,070	-0201	14,00	-0202	14,60	-0203	17,60	-0204	18,20	
33,7	21,5	29,7	33,7	50,5		0,080	-0251	11,05	-0252	11,50	-0253	12,90	-0254	13,35	
42,4	21,5	38,4	42,4	64,0		0,080	-0321100	11,75	-0322100	12,00	-0323100	13,80	-0324100	14,05	
48,3	21,5	44,3	48,3	64,0		0,090	-0401	11,95	-0402	12,20	-0403	14,00	-0404	14,25	
60,3	28,0	56,3	60,3	77,5		0,140	-0501	16,25	-0502	16,60	-0503	19,80	-0504	20,15	
76,1	28,0	72,1	76,1	91,0		0,160	-0651	16,45	-0652	16,80	-0653	19,90	-0654	20,25	
88,9	28,0	84,3	88,9	106,0		0,200	-0801	29,85	-0802	30,45	-0803	34,70	-0804	35,30	
114,3	28,0	109,7	114,3	130,0		0,260	-1001	79,50	-1002	81,50	-1003	94,00	-1004	96,00	
139,7	28,0	134,5	139,7	155,0		0,380	-1251	127,60	-1252	129,60	-1253	146,90	-1254	148,90	
168,3	28,0	163,1	168,3	183,0		0,540	-1501	153,10	-1502	156,10	-1503	174,85	-1504	177,85	
219,1	28,0	213,9	219,1	233,5		0,700	-2001	314,50	-2002	319,50	-2003	349,15	-2004	353,15	
DIN 32676-KL siehe Kapitel Hygienearmaturen								DIN 32676-KL see chapter hygienic fittings							

Rohrverbindungen – Clampverbindungen
pipe connections – clamp pipe connections

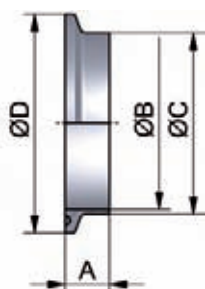
Clampstutzen (TC) ISO 2852	Art.-Nr. 18488-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
ferrule (TC) ISO 2852	1"/25	21,5	22,6	25,6	50,5		0,070	-0251	11,70	-0252	12,30	-0253	12,60	-0254	13,20
	1,5"/38	21,5	35,6	38,6	50,5		0,070	-0381	11,90	-0382	12,50	-0383	13,20	-0384	13,80
	2"/51	21,5	48,6	51,6	64,0		0,070	-0511	12,70	-0512	13,30	-0513	14,30	-0514	14,90
	2,5"/63,5	21,5	60,3	64,1	77,5		0,100	-0631	15,10	-0632	15,70	-0633	18,20	-0634	18,80
	3"/76,1	21,5	72,9	76,7	91,0		0,200	-0761	27,80	-0762	28,40	-0763	31,50	-0764	32,10
	4"/101,6	21,5	97,6	102,5	119,0		0,220	-1011	40,40	-1012	41,00	-1013	45,30	-1014	45,90



Clampstutzen (TC) kurz	Art.-Nr. 18500-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
ferrule (TC) short	25	13,0	26,0	29,0	50,5		0,050	-0251	10,55	-0252	11,00	-0253	12,10	-0254	12,60
	32	13,0	32,0	35,0	50,5		0,050	-0321	13,80	-0322	14,40	-0323	17,40	-0324	18,10
	40	13,0	38,0	41,0	50,5		0,040	-0401	10,85	-0402	11,30	-0403	12,70	-0404	13,25
	50	13,0	50,0	53,0	64,0		0,060	-0501	11,55	-0502	11,80	-0503	13,60	-0504	13,90
	65	13,0	66,0	70,0	91,0		0,080	-0651	16,25	-0652	16,60	-0653	19,70	-0654	20,10
	80	13,0	81,0	85,0	106,0		0,180	-0801	29,65	-0802	30,25	-0803	34,50	-0804	35,20
	100	13,0	100,0	104,0	119,0		0,200	-1001	43,25	-1002	44,15	-1003	49,35	-1004	50,35



Clampstutzen (TC) kurz (Zoll)	Art.-Nr. 18501-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
ferrule (TC) short (inch)	1"	13,0	22,9	25,4	50,5		0,060	-1001	10,50	-1002	10,95	-1003	12,10	-1004	12,60
	1,5"	13,0	35,1	38,1	50,5		0,040	-1121	10,85	-1122	11,30	-1123	12,60	-1124	13,15
	2"	13,0	47,8	50,8	64,0		0,060	-2001	11,50	-2002	11,75	-2003	13,65	-2004	13,95
	2,5"	13,0	60,2	63,5	77,5		0,080	-2121	16,15	-2122	16,50	-2123	19,70	-2124	20,10
	3"	13,0	72,8	76,1	91,0		0,100	-3001	29,85	-3002	30,45	-3003	34,50	-3004	35,20
	4"	13,0	97,4	101,6	119,0		0,180	-4001	43,45	-4002	44,35	-4003	49,35	-4004	50,35



Rohrverbindungen – Clampverbindungen
pipe connections – clamp pipe connections

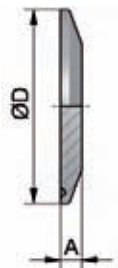
Art.-Nr. 1860-							AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR
6-8/0,25-0,75"/10,2-17,2	7,0			25,0		0,015	-10123	12,90	-10124	13,45
10-20	7,0			34,0		0,032	-00203	12,90	-00204	13,45
25-40/1-1,5"/21,3-33,7	7,0			50,5		0,070	-11123	11,35	-11124	11,85
50/2"/42,4-48,3	7,0			64,0		0,100	-12003	14,55	-12004	14,85
2,5"/60,3	7,0			77,5		0,170	-12123	17,35	-12124	17,70
65/3"/76,1	7,0			91,0		0,240	-13003	24,55	-13004	25,05
80/88,9	7,0			106,0		0,470	-00803	30,15	-00804	30,80
100/4"	8,0			119,0		0,548	-14003	38,45	-14004	39,25
114,3	8,0			130,0		0,650	-14123	71,20	-14124	(+)
125/139,7	8,0			155,0		1,480	-01253	173,00	-01254	173,00
6"	14,0			167,0		1,820	-16003	(+)	-16004	(+)
150/168,3	14,0			183,0		2,110	-01503	204,40	-01504	204,40
200/219,1	14,0			233,5		3,200	-02003	264,95	-02004	264,95

Verfügbar in AISI 316L-1.4404

available in AISI 316L-1.4404

andere Werkstoffe auf Anfrage (stückzahlabhängig)

other materials on request (depending on quantity)

**Blindclampstutzen
(TC)**
**end cap
(TC)**


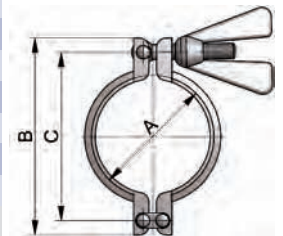
Art.-Nr. 1870-							AISI 304/304L-1.4301/1.4307			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	p (bar)	kg	poliert	EUR	matt	EUR
25-40/1-1,5"/21,3-33,7	53,0	84,5	69,0	50,5	7	0,130	-11121	18,80	-11122	19,60
50/2"/42,4-48,3	67,0	103,0	88,0	64,0	7	0,150	-12001	19,15	-12002	19,55
2,5"/60,3	80,0	118,0	103,0	77,5	6	0,170	-12121	20,90	-12122	21,35
65/3"/76,1	94,0	132,0	118,0	91,0	6	0,180	-13001	22,20	-13002	22,65
80/88,9	109,0	146,0	133,0	106,0	6	0,180	-00801	22,35	-00802	22,80
100/4"	122,0	163,0	147,0	119,0	6	0,190	-14001	22,50	-14002	22,95
114,3	134,0	165,0	153,0	130,0	6	0,250	-14121	161,05	-14122	164,30
125/139,7	159,0	198,0	185,0	155,0	6	0,420	-15121	185,50	-15122	189,50
150/168,3	187,0	226,0	212,0	183,0	4	0,540	-16581	228,00	-16582	232,00
200/219,1	238,0	280,0	268,0	233,5	4	0,720	-18581	278,50	-18582	283,50

D: für Flanschdurchmesser

D: for diameter of flange

p: max. Betriebsdruck

p: max. pressure

Klammer (leicht)
clamp light type


Art.-Nr. 188-							AISI 304-1.4308							
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	p (bar)	kg	poliert 6kt	EUR	matt 6kt	EUR	poliert	EUR	matt	EUR
6-8/0,25-0,75"/10,2-17,2	28,0	51,0	33,0	25,0	40	0,150	-210341	49,00	-210342	49,95	-010341	47,50	-010342	48,45
10-20	37,0	70,0	43,0	34,0	40	0,175	-200201	49,30	-200202	51,25	-000201	47,80	-000202	49,75
25-40/1-1,5"/21,3-33,7	53,0	90,0	57,0	50,5	40	0,220	-211121	43,85	-211122	45,55	-011121	42,35	-011122	44,05
50/2"/42,4-48,3	67,0	106,0	73,0	64,0	25	0,300	-212001	49,05	-212002	50,05	-012001	47,55	-012002	48,55
2,5"/60,3	80,0	120,0	89,0	77,5	25	0,320	-212121	50,55	-212122	51,55	-012121	49,05	-012122	50,05
65/3"/76,1	94,0	135,0	99,0	91,0	25	0,340	-213001	51,90	-213002	52,95	-013001	50,40	-013002	51,45
80/88,9	109,0	149,0	118,0	106,0	16	0,430	-200801	51,90	-200802	52,95	-000801	50,40	-000802	51,45
100/4"	122,0	162,0	127,0	119,0	16	0,370	-214001	52,70	-214002	53,75	-014001	51,20	-014002	52,25
114,3	134,0	180,0	145,0	130,0	16	0,580	-214121	90,40	-214122	92,20	-014121	88,90	-014122	90,70
125/139,7	159,0	220,0	169,0	155,0	10	1,170	-215121	264,25	-215122	269,55	-015121	262,75	-015122	268,05
150/168,3	187,0	250,0	197,0	183,0	10	1,340	-216581	299,20	-216582	305,20	-016581	297,70	-016582	303,70
200/219,1	238,0	305,0	249,0	233,5	10	1,650	-218581	343,15	-218582	350,00	-018581	341,65	-018582	348,50

D: für Flanschdurchmesser

D: for diameter of flange

p: max. Betriebsdruck

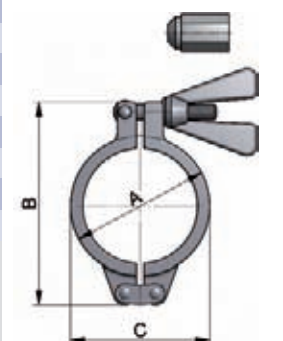
p: max. pressure

6kt: mit Sechskantmutter

6kt: with hexagonal nut

(+) Preis auf Anfrage

(+) price on inquiry

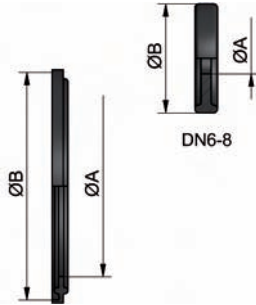
Klammer (massiv)
clamp heavy type


Clamp-Dichtung (TC)
DIN

clamp gasket (TC)
DIN

Art.-Nr. 18900-

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
6	6,2	21,8				0,002	-0060100	(+)	-0060200	(+)	-0060300	(+)	-0060400	(+)
8	8,2	21,8				0,002	-0080100	(+)	-0080200	(+)	-0080300	(+)	-0080400	(+)
10	10,2	34,0				0,003	-0100100	4,30	-0100200	3,85	-0100300	4,10	-0100400	12,25
15	16,2	34,0				0,002	-0150100	4,30	-0150200	3,85	-0150300	4,10	-0150400	12,25
20	20,2	34,0				0,002	-0200100	4,30	-0200200	3,85	-0200300	4,10	-0200400	12,25
25	26,2	50,5				0,005	-0250100	2,10	-0250200	1,50	-0250300	1,80	-0250400	12,90
32	32,2	50,5				0,004	-0320100	5,10	-0320200	4,75	-0320300	4,90	-0320400	13,15
40	38,2	50,5				0,004	-0400100	1,80	-0400200	1,50	-0400300	1,80	-0400400	13,70
50	50,2	64,0				0,005	-0500100	2,40	-0500200	2,00	-0500300	2,20	-0500400	14,55
65	66,2	91,0				0,012	-0650100	2,65	-0650200	2,80	-0650300	3,05	-0650400	17,15
80	81,2	106,0				0,012	-0800100	3,15	-0800200	3,35	-0800300	3,50	-0800400	21,40
100	100,2	119,0				0,011	-1000100	6,40	-1000200	4,80	-1000300	4,95	-1000400	23,25
125	125,2	155,0				0,014	-1250100	10,80	-1250200	8,30	-1250300	8,30	-1250400	42,10
150	150,2	183,0				0,018	-1500100	14,60	-1500200	13,40	-1500300	13,40	-1500400	48,50
200	200,2	233,5				0,025	-2000100	28,80	-2000200	26,10	-2000300	26,10	-2000400	56,50



PTFE: siehe auch Kapitel Hygienearmaturen

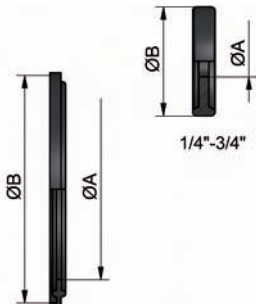
PTFE: see also chapter hygienic fittings

Clamp-Dichtung (TC)
Zoll

clamp gasket (TC)
inch

Art.-Nr. 18901-

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
0,25"	4,8	21,8				0,002	-0140100	(+)	-0140200	(+)	-0140300	(+)	-0140400	(+)
0,375"	8,0	21,8				0,002	-0380100	(+)	-0380200	(+)	-0380300	(+)	-0380400	(+)
0,5"	10,6	21,8				0,003	-0120100	5,80	-0120200	4,70	-0120300	5,20	-0120400	7,50
0,75"	16,0	21,8				0,003	-0340100	5,80	-0340200	4,70	-0340300	5,20	-0340400	7,50
1"	23,1	50,5				0,005	-1000100	2,20	-1000200	1,50	-1000300	1,80	-1000400	12,90
1,5"	35,3	50,5				0,004	-1120100	2,20	-1120200	1,50	-1120300	1,80	-1120400	13,70
2"	48,0	64,0				0,005	-2000100	2,60	-2000200	2,00	-2000300	2,20	-2000400	14,55
2,5"	60,7	77,5				0,007	-2120100	2,80	-2120200	2,80	-2120300	3,05	-2120400	17,15
3"	72,3	91,0				0,009	-3000100	3,15	-3000200	3,35	-3000300	3,50	-3000400	21,40
4"	97,8	119,0				0,012	-4000100	6,40	-4000200	4,80	-4000300	4,95	-4000400	23,25
6"	147,3	167,0				0,020	-6000100	(+)	-6000200	(+)	-6000300	(+)	-6000400	(+)



PTFE: siehe auch Kapitel Hygienearmaturen

PTFE: see also chapter hygienic fittings

Clamp-Dichtung (TC)
ISO

clamp gasket (TC)
ISO

Art.-Nr. 189-

DN	A	B	C	D	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	kg	VMQ	EUR	EPDM	EUR	FKM	EUR
10,2	7,2	21,8			0,002	-180060100	(+)	-180060300	(+)	-180060400	(+)
13,5	10,5	21,8			0,003	-180080100	(+)	-180080300	(+)	-180080400	(+)
17,2	14,2	21,8			0,003	-180100100	(+)	-180100300	(+)	-180100400	(+)
21,3	18,3	50,5			0,002	-180150100	(+)	-180150300	(+)	-180150400	(+)
26,9	23,9	50,5			0,002	-080200100	2,90	-080200300	4,80	-080200400	14,50
33,7	29,9	50,5			0,005	-080250100	2,90	-080250300	3,00	-080250400	8,10
42,4	38,6	64,0			0,004	-180320100	(+)	-180320300	(+)	-180320400	(+)
48,3	44,5	64,0			0,004	-080400100	3,70	-080400300	3,70	-080400400	9,80
60,3	56,5	77,5			0,005	-080500100	5,35	-080500300	4,20	-080500400	13,70
76,1	72,3	91,0			0,012	-080650100	5,90	-080650300	5,60	-080650400	16,80
88,9	85,1	106,0			0,012	-080800100	6,90	-080800300	6,00	-080800400	18,90
114,3	110,5	130,0			0,011	-081000100	23,20	-081000300	20,60	-081000400	38,70
139,7	134,7	155,0			0,013	-081250100	26,20	-081250300	23,30	-081250400	38,70
168,3	163,3	183,0			0,015	-081500100	30,90	-081500300	26,50	-081500400	44,90
219,1	214,1	233,5			0,200	-082000100	44,30	-082000300	31,10	-082000400	72,10



PTFE: siehe auch Kapitel Hygienearmaturen

PTFE: see also chapter hygienic fittings

(+) Preis auf Anfrage

(+) price on inquiry



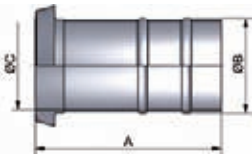
Verschraubungen screwed pipe connections	1
Flanschverbindungen flanged pipe connections	2
Clampverbindungen clamp pipe connections	3
Schlauchverbindungen hose pipe connections	4
Industriefittings industrial fittings	5



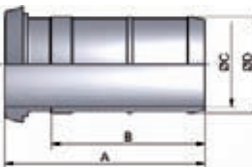
1	Verschraubungen screwed pipe connections
2	Flanschverbindungen flanged pipe connections
3	Clampverbindungen clamp pipe connections
4	Schlauchverbindungen hose pipe connections
5	Industriefittings industrial fittings

Rohrverbindungen – Schlauchverbindungen
pipe connections – hose pipe connections

		Art.-Nr. 13500-						AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571				
Schlauch-Kegelstutzen (Rohr)		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
hose liner (pipe)		mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
		15	63,0	19,5	16,0			0,060	-0151	17,80	-0152	18,55	-0153	27,35	-0154	28,45
		20	63,0	23,0	20,0			0,090	-0201	18,20	-0202	18,95	-0203	27,35	-0204	28,45
		25	75,0	30,0	26,0			0,100	-0251	18,40	-0252	19,15	-0253	27,55	-0254	28,70
		32	85,0	35,5	32,0			0,120	-0321	18,70	-0322	19,45	-0323	28,05	-0324	29,20
		40	95,0	43,0	38,0			0,160	-0401	19,80	-0402	20,60	-0403	29,50	-0404	30,70
		50	106,0	55,0	50,0			0,245	-0501	23,55	-0502	24,05	-0503	34,05	-0504	34,75
		65	117,0	73,0	66,0			0,530	-0651	30,40	-0652	31,05	-0653	46,55	-0654	47,50
		80	127,0	89,0	81,0			0,660	-0801	42,70	-0802	43,60	-0803	67,15	-0804	68,50
		100	140,0	108,0	100,0			0,935	-1001	65,30	-1002	66,65	-1003	105,35	-1004	107,50



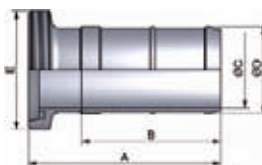
		Art.-Nr. 13600-						AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571				
Schlauch-Kegelstutzen (Bier)		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
hose liner (beer)		mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
		25	76,0	59,0	20,0	27,0	LW25	0,140	-0251	22,30	-0252	23,20	-0253	30,15	-0254	31,40
		32	90,0	70,0	27,5	34,0	LW32	0,160	-0321	28,60	-0322	29,75	-0323	38,60	-0324	40,15
		40	105,0	84,0	36,0	42,5	LW40	0,210	-0401	36,70	-0402	38,20	-0403	49,90	-0404	51,90
		50	120,0	97,0	47,0	53,0	LW50	0,470	-0501	40,05	-0502	40,90	-0503	54,45	-0504	55,55
		65	140,0	113,0	60,0	68,0	LW65	0,800	-0651	59,30	-0652	60,50	-0653	73,80	-0654	75,30
		80	164,0	132,0	76,0	83,0	LW80	0,890	-0801	117,05	-0802	119,40	-0803	159,15	-0804	162,35
		100	180,0	141,0	93,0	103,0	LW100	2,050	-1001	146,10	-1002	149,05	-1003	198,65	-1004	202,65



LW: Lichte Schlauchweite

LW: hose inside diameter

		Art.-Nr. 13700-						AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571				
Schlauch-Gewindestutzen (Bier)		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
hose male part (beer)		mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
		25	83,0	59,0	20,0	27,0	Rd52x1/6	0,150	-0251	24,80	-0252	25,80	-0253	34,10	-0254	35,50
		32	97,0	70,0	27,5	34,0	Rd58x1/6	0,230	-0321	30,95	-0322	32,20	-0323	42,50	-0324	44,20
		40	112,0	84,0	36,0	42,5	Rd65x1/6	0,330	-0401	38,55	-0402	40,10	-0403	53,00	-0404	55,15
		50	127,0	97,0	47,0	53,0	Rd78x1/6	0,470	-0501	43,80	-0502	44,70	-0503	57,40	-0504	58,55
		65	148,0	113,0	60,0	68,0	Rd95x1/6	0,800	-0651	61,30	-0652	62,55	-0653	78,30	-0654	79,90
		80	172,0	132,0	76,0	83,0	Rd110x1/4	1,070	-0801	124,50	-0802	127,00	-0803	171,15	-0804	174,60
		100	190,0	141,0	93,0	103,0	Rd130x1/4	2,150	-1001	157,40	-1002	160,55	-1003	216,40	-1004	220,75



Rd: Rundgewinde

Rd: round thread

Rohrverbindungen – Schlauchverbindungen
pipe connections – hose pipe connections
Art.-Nr. 13800-

							AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
10	33,0	10,0	13,0	15,0	LW13	0,010	-0101	8,35	-0102	8,70	-0103	11,40	-0104	11,90
15	43,0	16,0	19,0	21,0	LW19	0,020	-0151	8,35	-0152	8,70	-0153	11,40	-0154	11,90
20	54,0	20,5	25,0	27,0	LW25	0,080	-0201	8,35	-0202	8,70	-0203	11,40	-0204	11,90
25	58,0	26,0	30,0	32,0	LW30	0,070	-0251	8,35	-0252	8,70	-0253	11,40	-0254	11,90
32	65,0	32,0	38,0	40,0	LW38	0,110	-0321	12,90	-0322	13,45	-0323	17,55	-0324	18,30
40	79,0	38,0	45,0	48,0	LW45	0,300	-0401	19,10	-0402	19,90	-0403	25,95	-0404	27,00
50	92,0	50,0	55,0	57,0	LW54	0,300	-0501	28,00	-0502	28,60	-0503	38,15	-0504	38,95
65	108,0	66,0	73,0	76,0	LW73	0,650	-0651	44,30	-0652	45,20	-0653	55,35	-0654	56,50
80	123,0	81,0	86,0	90,0	LW87	0,590	-0801	56,00	-0802	57,15	-0803	76,15	-0804	77,70
100	136,0	100,0	107,0	110,0	LW107	1,220	-1001	94,20	-1002	96,10	-1003	123,10	-1004	125,60

LW: Lichte Schlauchweite

LW: hose inside diameter


Schlauchtülle (DIN)
hose nozzle (DIN)
Art.-Nr. 13802-

							AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
32	65,0	27,5	32,0	34,0	LW32	0,092	-0321	13,20	-0322	13,75	-0323	17,85	-0324	18,60
40	79,0	36,0	40,0	42,5	LW40	0,255	-0401	18,30	-0402	19,05	-0403	24,50	-0404	25,50
50	92,0	47,0	50,0	53,0	LW50	0,335	-0501	25,30	-0502	25,85	-0503	34,10	-0504	34,80
65	108,0	60,0	65,0	68,0	LW65	0,660	-0651	32,80	-0652	33,50	-0653	44,30	-0654	45,20
80	127,0	76,0	80,0	83,0	LW80	0,797	-0801	81,45	-0802	83,10	-0803	110,00	-0804	112,20
100	136,0	93,0	100,0	103,0	LW100	1,000	-1001	100,30	-1002	102,35	-1003	135,35	-1004	138,10

LW: Lichte Schlauchweite - DN 25: siehe auch Artikel-Nr. 13800

LW: hose inside diameter - please see item-no. 13800

Schlauchtülle (DIN) DN 20

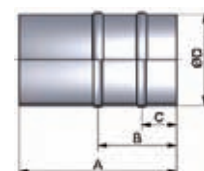
hose nozzle (DIN) DN 20


Schlauchtülle (Bier)
hose nozzle (beer)
Art.-Nr. 13900-

							AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
15	50,0	32,0	12,0	18,0		0,010	-0151	5,90	-0152	5,90	-0153	7,20	-0154	7,20
20	50,0	32,0	12,0	22,0		0,010	-0201	5,90	-0202	5,90	-0203	7,20	-0204	7,20
25	60,0	35,0	15,0	28,0		0,030	-0251	5,90	-0252	5,90	-0253	7,20	-0254	7,20
32	70,0	40,0	15,0	34,0		0,050	-0321	6,10	-0322	6,10	-0323	7,50	-0324	7,50
40	80,0	45,0	20,0	40,0		0,070	-0401	6,80	-0402	6,80	-0403	8,30	-0404	8,30
50	90,0	45,0	20,0	52,0		0,120	-0501	7,80	-0502	7,80	-0503	9,80	-0504	9,80
65	100,0	50,0	25,0	70,0		0,280	-0651	15,10	-0652	15,10	-0653	18,80	-0654	18,80
80	110,0	55,0	25,0	85,0		0,420	-0801	18,10	-0802	18,10	-0803	23,00	-0804	23,00
100	120,0	65,0	25,0	104,0		0,575	-1001	29,50	-1002	29,50	-1003	36,60	-1004	36,60

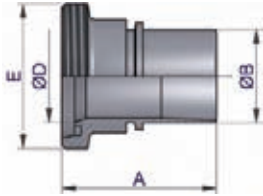
Schlauchtülle für Zoll-Rohr auf Anfrage

hose nozzle for inch-pipe on inquiry

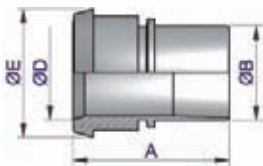

Schlauchtülle
(DIN-Rohr)
hose nozzle
(DIN-pipe)

Rohrverbindungen – Schlauchverbindungen
pipe connections – hose pipe connections

Schlauchgewindestutzen glatt hose male even	Art.-Nr.							AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.			Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg			blank	EUR
	25	76,0	25,4		26,0		Rd52x1/6			auf Anfrage	(+)
	32	76,0	32,4		32,0		Rd58x1/6			auf Anfrage	(+)
	40	76,0	38,4		38,0		Rd65x1/6			auf Anfrage	(+)
	50	84,0	50,4		50,0		Rd78x1/6			auf Anfrage	(+)
	65	99,0	63,4		66,0		Rd95x1/6			auf Anfrage	(+)
	80	109,0	75,4		81,0		Rd110x1/4			auf Anfrage	(+)
	100	149,0	100,3		100,0		Rd130x1/4			auf Anfrage	(+)



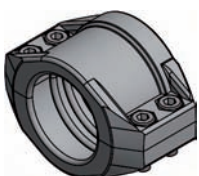
Schlauchkegelstutzen glatt hose liner even	Art.-Nr.							AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.			Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg			blank	EUR
	25	76,0	25,4		26,0		44,0			auf Anfrage	(+)
	32	76,0	32,4		32,0		50,0			auf Anfrage	(+)
	40	76,0	38,4		38,0		56,0			auf Anfrage	(+)
	50	84,0	50,4		50,0		68,5			auf Anfrage	(+)
	65	99,0	63,4		66,0		86,0			auf Anfrage	(+)
	80	109,0	75,4		81,0		100,0			auf Anfrage	(+)
	100	149,0	100,3		100,0		121,0			auf Anfrage	(+)



Presshülse press socket	Art.-Nr.							AISI 304L-1.4307			
	DN	A	B	C	D	E	Gew.			Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg			blank	EUR
	25									auf Anfrage	(+)
	32									auf Anfrage	(+)
	40									auf Anfrage	(+)
	50									auf Anfrage	(+)
	65									auf Anfrage	(+)
	80									auf Anfrage	(+)
	100									auf Anfrage	(+)



Klemmfassung clamp jaw	Art.-Nr.							Aluminium			
	DN	A	B	C	D	E	Gew.			Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg			blank	EUR
	25									auf Anfrage	(+)
	32									auf Anfrage	(+)
	40									auf Anfrage	(+)
	50									auf Anfrage	(+)
	65									auf Anfrage	(+)
	80									auf Anfrage	(+)
	100									auf Anfrage	(+)



Schlauchstutzen jeglicher Bauart mit unterschiedlichen Anschlüssen auf Anfrage hose sockets of all types with different connections on request



Verschraubungen screwed pipe connections	1
Flanschverbindungen flanged pipe connections	2
Clampverbindungen clamp pipe connections	3
Schlauchverbindungen hose pipe connections	4
Industriefittings industrial fittings	5

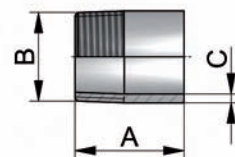


1	Verschraubungen screwed pipe connections
2	Flanschverbindungen flanged pipe connections
3	Clampverbindungen clamp pipe connections
4	Schlauchverbindungen hose pipe connections
5	Industriefittings industrial fittings

Rohrverbindungen – Industriefittinge
pipe connections – industrial fittings

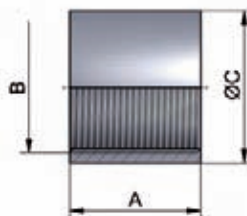
Art-Nr. 0400-							AISI 304-1.4301		AISI 316Ti-1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR	matt	EUR
1/8"	30,0	R1/8"	2,0			0,020	-30801812	(+)	-30801814	(+)
1/4"	30,0	R1/4"	2,3			0,020	-30801412	(+)	-30801414	(+)
3/8"	30,0	R3/8"	2,3			0,020	-30803812	(+)	-30803814	(+)
1/2"	35,0	R1/2"	2,6			0,040	-30801212	(+)	-30801214	(+)
3/4"	40,0	R3/4"	2,6			0,050	-30803412	(+)	-30803414	(+)
1"	40,0	R1"	3,2			0,080	-30810012	(+)	-30810014	(+)
1 1/4"	50,0	R1 1/4"	3,2			0,120	-30811412	(+)	-30811414	(+)
1 1/2"	50,0	R1 1/2"	3,2			0,150	-30811212	(+)	-30811214	(+)
2"	50,0	R2"	3,6			0,200	-30820012	(+)	-30820014	(+)
2 1/2"	60,0	R2 1/2"	3,6			0,300	-30821212	(+)	-30821214	(+)
3"	70,0	R3"	4,0			0,460	-30830012	(+)	-30830014	(+)
4"	80,0	R4"	4,5			0,910	-30840012	(+)	-30840014	(+)

R: Rohrgewinde DIN EN 10226-1 R: pipe thread DIN EN 10226-1

Anschweißnippel
screwed end


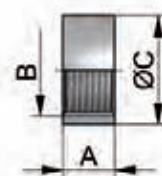
Art-Nr. 0400-							AISI 304-1.4301		AISI 316Ti-1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR	matt	EUR
1/8"	17,0	Rp1/8"	14,0			0,020	-33301812	(+)	-33301814	(+)
1/4"	25,0	Rp1/4"	18,0			0,020	-33301412	(+)	-33301414	(+)
3/8"	26,0	Rp3/8"	21,3			0,030	-33303812	(+)	-33303814	(+)
1/2"	34,0	Rp1/2"	26,4			0,060	-33301212	(+)	-33301214	(+)
3/4"	36,0	Rp3/4"	31,8			0,080	-33303412	(+)	-33303414	(+)
1"	43,0	Rp1"	39,5			0,140	-33310012	(+)	-33310014	(+)
1 1/4"	48,0	Rp1 1/4"	48,3			0,190	-33311412	(+)	-33311414	(+)
1 1/2"	48,0	Rp1 1/2"	54,5			0,240	-33311212	(+)	-33311214	(+)
2"	56,0	Rp2"	66,3			0,340	-33320012	(+)	-33320014	(+)
2 1/2"	65,0	Rp2 1/2"	82,0			0,530	-33321212	(+)	-33321214	(+)
3"	71,0	Rp3"	95,0			0,610	-33330012	(+)	-33330014	(+)
4"	83,0	Rp4"	122,0			1,180	-33340012	(+)	-33340014	(+)

Rp: Rohrgewinde DIN EN 10226-1 Rp: pipe thread DIN EN 10226-1

Muffe
socket


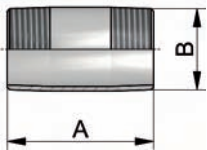
Art-Nr. 0400-							AISI 304-1.4301		AISI 316Ti-1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR	matt	EUR
1/8"	7,5	Rp1/8"	14,0			0,010	-33401812	(+)	-33401814	(+)
1/4"	11,0	Rp1/4"	18,0			0,020	-33401412	(+)	-33401414	(+)
3/8"	11,5	Rp3/8"	21,3			0,020	-33403812	(+)	-33403814	(+)
1/2"	15,0	Rp1/2"	26,4			0,030	-33401212	(+)	-33401214	(+)
3/4"	16,5	Rp3/4"	31,8			0,040	-33403412	(+)	-33403414	(+)
1"	19,0	Rp1"	39,5			0,060	-33410012	(+)	-33410014	(+)
1 1/4"	21,5	Rp1 1/4"	48,3			0,090	-33411412	(+)	-33411414	(+)
1 1/2"	21,5	Rp1 1/2"	54,5			0,120	-33411212	(+)	-33411214	(+)
2"	26,0	Rp2"	66,3			0,170	-33420012	(+)	-33420014	(+)
2 1/2"	30,0	Rp2 1/2"	82,0			0,210	-33421212	(+)	-33421214	(+)
3"	33,0	Rp3"	95,0			0,290	-33430012	(+)	-33430014	(+)
4"	39,0	Rp4"	122,0			0,940	-33440012	(+)	-33440014	(+)

Rp: Rohrgewinde DIN EN 10226-1 Rp: pipe thread DIN EN 10226-1
 (+) Bitte fordern Sie hier unsere Preisliste an (+) please request our price list

Halbe Muffe
half socket


Rohrverbindungen – Industriefittinge
pipe connections – industrial fittings

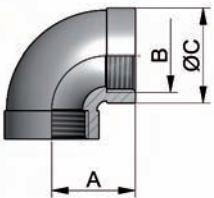
Rohrdoppelnippel barrel nipple	Art-Nr. 0400-							AISI 304-1.4301		AISI 316Ti-1.4571	
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	matt	EUR	matt	EUR
1/8"	40,0	R1/8"					0,020	-31001812	(+)	-31001814	(+)
1/4"	40,0	R1/4"					0,020	-31001412	(+)	-31001414	(+)
3/8"	40,0	R3/8"					0,030	-31003812	(+)	-31003814	(+)
1/2"	60,0	R1/2"					0,060	-31001212	(+)	-31001214	(+)
3/4"	60,0	R3/4"					0,070	-31003412	(+)	-31003414	(+)
1"	60,0	R1"					0,110	-31010012	(+)	-31010014	(+)
1 1/4"	80,0	R1 1/4"					0,200	-31011412	(+)	-31011414	(+)
1 1/2"	80,0	R1 1/2"					0,250	-31011212	(+)	-31011214	(+)
2"	100,0	R2"					0,440	-31020012	(+)	-31020014	(+)
2 1/2"	100,0	R2 1/2"					0,480	-31021212	(+)	-31021214	(+)
3"	120,0	R3"					0,770	-31030012	(+)	-31030014	(+)
4"	120,0	R4"					1,300	-31040012	(+)	-31040014	(+)



R: Rohrgewinde DIN EN 10226-1

R: pipe thread DIN EN 10226-1

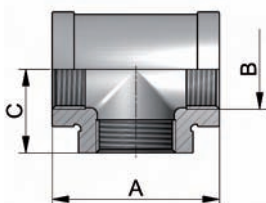
Winkel 90° elbow 90°	Art-Nr. 0400-							AISI 316-1.4408	
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	matt	EUR
1/8"	17,6	Rp1/8"	18,0				0,040	-30101814	(+)
1/4"	20,0	Rp1/4"	21,3				0,060	-30101414	(+)
3/8"	21,3	Rp3/8"	23,5				0,070	-30103814	(+)
1/2"	27,0	Rp1/2"	29,0				0,100	-30101214	(+)
3/4"	33,0	Rp3/4"	35,0				0,170	-30103414	(+)
1"	38,0	Rp1"	43,0				0,260	-30110014	(+)
1 1/4"	45,0	Rp1 1/4"	52,0				0,390	-30111414	(+)
1 1/2"	50,0	Rp1 1/2"	58,0				0,510	-30111214	(+)
2"	58,0	Rp2"	71,0				0,760	-30120014	(+)
2 1/2"	69,3	Rp2 1/2"	86,5				1,180	-30121214	(+)
3"	77,5	Rp3"	99,0				1,420	-30130014	(+)
4"	97,3	Rp4"	125,0				2,620	-30140014	(+)



Rp: Rohrgewinde DIN EN 10226-1

Rp: pipe thread DIN EN 10226-1

T-Stück tee	Art-Nr. 0400-							AISI 316-1.4408	
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	matt	EUR
1/8"	34,0	Rp1/8"	17,0				0,060	-30701814	(+)
1/4"	42,0	Rp1/4"	21,0				0,090	-30701414	(+)
3/8"	47,2	Rp3/8"	23,6				0,110	-30703814	(+)
1/2"	54,0	Rp1/2"	27,0				0,160	-30701214	(+)
3/4"	66,0	Rp3/4"	33,0				0,230	-30703414	(+)
1"	76,0	Rp1"	38,0				0,360	-30710014	(+)
1 1/4"	90,0	Rp1 1/4"	45,0				0,550	-30711414	(+)
1 1/2"	100,0	Rp1 1/2"	50,0				0,700	-30711214	(+)
2"	116,0	Rp2"	58,0				1,060	-30720014	(+)
2 1/2"	137,4	Rp2 1/2"	68,7				1,540	-30721214	(+)
3"	155,6	Rp3"	77,8				1,840	-30730014	(+)
4"	194,0	Rp4"	97,0				3,240	-30740014	(+)



Rp: Rohrgewinde DIN EN 10226-1

Rp: pipe thread DIN EN 10226-1

(+) Bitte fordern Sie hier unsere Preisliste an

(+) please request our price list

Rohrverbindungen – Industriefittinge
pipe connections – industrial fittings

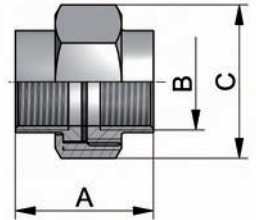
Art-Nr. 0400-							AISI 316-1.4408		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	matt	EUR	
1/8"	37,0	Rp1/8"	SW30			0,100	-31101814	(+)	
1/4"	37,0	Rp1/4"	SW30			0,090	-31101414	(+)	
3/8"	40,0	Rp3/8"	SW36			0,130	-31103814	(+)	
1/2"	46,0	Rp1/2"	SW41			0,170	-31101214	(+)	
3/4"	48,0	Rp3/4"	SW46			0,260	-31103414	(+)	
1"	52,0	Rp1"	SW50			0,290	-31110014	(+)	
1 1/4"	60,0	Rp1 1/4"	SW65			0,530	-31111414	(+)	
1 1/2"	71,0	Rp1 1/2"	SW75			0,880	-31111214	(+)	
2"	76,0	Rp2"	SW90			1,320	-31120014	(+)	
2 1/2"	90,0	Rp2 1/2"	SW110			1,960	-31121214	(+)	
3"	90,0	Rp3"	SW120			2,280	-31130014	(+)	
4"	115,0	Rp4"	SW155			4,520	-31140014	(+)	

Rp: Rohrgewinde DIN EN 10226-1
SW: Schlüsselweite

Rp: pipe thread DIN EN 10226-1
SW: width across flats

**Verschraubung
flach dichtend
Innengewinde**

**union
flat seat
with internal thread**



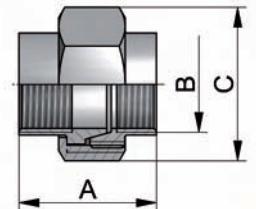
Art-Nr. 0400-							AISI 316-1.4408		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	matt	EUR	
1/8"	37,0	Rp1/8"	SW30			0,100	-31201814	(+)	
1/4"	37,0	Rp1/4"	SW30			0,090	-31201414	(+)	
3/8"	40,0	Rp3/8"	SW36			0,130	-31203814	(+)	
1/2"	46,0	Rp1/2"	SW41			0,170	-31201214	(+)	
3/4"	48,0	Rp3/4"	SW46			0,260	-31203414	(+)	
1"	52,0	Rp1"	SW50			0,290	-31210014	(+)	
1 1/4"	60,0	Rp1 1/4"	SW65			0,530	-31211414	(+)	
1 1/2"	71,0	Rp1 1/2"	SW75			0,880	-31211214	(+)	
2"	76,0	Rp2"	SW90			1,320	-31220014	(+)	
2 1/2"	90,0	Rp2 1/2"	SW110			1,960	-31221214	(+)	
3"	90,0	Rp3"	SW120			2,280	-31230014	(+)	
4"	115,0	Rp4"	SW155			4,520	-31240014	(+)	

Rp: Rohrgewinde DIN EN 10226-1
SW: Schlüsselweite

Rp: pipe thread DIN EN 10226-1
SW: width across flats

**Verschraubung
konisch dichtend
Innengewinde**

**union
conical seat
with internal thread**



Art-Nr. 0400-							AISI 316-1.4408		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	matt	EUR	
1/4"-1/8"	15,2	Rp1/8"	R1/4"	SW16		0,010	-32501414018	(+)	
3/8"-1/4"	16,5	Rp1/4"	R3/8"	SW18		0,010	-32503814014	(+)	
1/2"-3/8"	21,0	Rp3/8"	R1/2"	SW26		0,030	-32501214038	(+)	
3/4"-1/2"	24,0	Rp1/2"	R3/4"	SW30		0,050	-32503414012	(+)	
1"-3/4"	27,0	Rp3/4"	R1"	SW35		0,080	-32510014034	(+)	
1 1/4"-1"	30,0	Rp1"	R1 1/4"	SW45		0,140	-32511414100	(+)	
1 1/2"-1 1/4"	36,0	Rp1 1/4"	R1 1/2"	SW52		0,200	-32511214114	(+)	
2"-1 1/2"	36,0	Rp1 1/2"	R2"	SW63		0,300	-32520014112	(+)	
2 1/2"-2"	45,0	Rp2"	R2 1/2"	SW81		0,650	-32521214200	(+)	
3"-2 1/2"	47,0	Rp2 1/2"	R3"	SW95		0,770	-32530014212	(+)	
4"-3"	52,0	Rp3"	R4"	SW119		1,500	-32540014300	(+)	

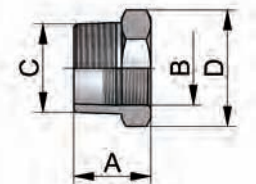
R+Rp: Rohrgewinde DIN EN 10226-1
SW: Schlüsselweite

R+Rp: pipe thread DIN EN 10226-1
SW: width across flats

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**Sechskant-
reduzierstück**

hexagon bushing

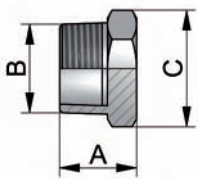


Rohrverbindungen – Industriefittinge
pipe connections – industrial fittings
Sechskantstopfen
Art-Nr. 0400-

AISI 316-1.4408

hexagon plug

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR
1/8"	17,0	R1/8"	SW12			0,010	-33001814	(+)
1/4"	17,5	R1/4"	SW16			0,020	-33001414	(+)
3/8"	18,0	R3/8"	SW20			0,030	-33003814	(+)
1/2"	25,0	R1/2"	SW24			0,050	-33001214	(+)
3/4"	26,0	R3/4"	SW30			0,080	-33003414	(+)
1"	29,0	R1"	SW38			0,120	-33010014	(+)
1 1/4"	35,0	R1 1/4"	SW46			0,210	-33011414	(+)
1 1/2"	38,0	R1 1/2"	SW52			0,310	-33011214	(+)
2"	39,0	R2"	SW65			0,430	-33020014	(+)
2 1/2"	44,0	R2 1/2"	SW81			0,810	-33021214	(+)
3"	54,0	R3"	SW94			1,140	-33030014	(+)
4"	55,0	R4"	SW119			2,520	-33040014	(+)


R: Rohrgewinde DIN EN 10226-1
SW: Schlüsselweite

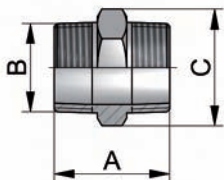
R: pipe thread DIN EN 10226-1
SW: width across flats

Sechskant-Doppelnippel
Art-Nr. 0400-

AISI 316-1.4408

hexagon nipple

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR
1/8"	23,6	R1/8"	SW12			0,010	-34001814	(+)
1/4"	27,8	R1/4"	SW16			0,020	-34001414	(+)
3/8"	28,0	R3/8"	SW20			0,030	-34003814	(+)
1/2"	34,0	R1/2"	SW24			0,050	-34001214	(+)
3/4"	40,0	R3/4"	SW30			0,080	-34003414	(+)
1"	46,0	R1"	SW38			0,120	-34010014	(+)
1 1/4"	52,5	R1 1/4"	SW46			0,240	-34011414	(+)
1 1/2"	54,0	R1 1/2"	SW52			0,300	-34011214	(+)
2"	62,0	R2"	SW65			0,420	-34020014	(+)
2 1/2"	70,0	R2 1/2"	SW81			0,720	-34021214	(+)
3"	78,4	R3"	SW94			0,900	-34030014	(+)
4"	94,0	R4"	SW119			1,450	-34040014	(+)


R: Rohrgewinde DIN EN 10226-1
SW: Schlüsselweite

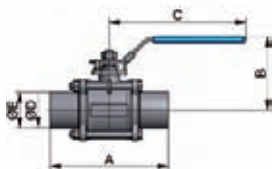
R: pipe thread DIN EN 10226-1
SW: width across flats

Kugelhahn Orbital 3-teilig
Art-Nr. 0400-

AISI 316-1.4408 PTFE

ball valve orbital 3-pieces

DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR
10	121,0	51,0	105,0	13,0	10,0	0,350	-69001028	(+)
16	124,0	55,0	125,0	19,0	16,0	0,478	-69001628	(+)
20	128,0	59,0	130,0	23,0	20,0	0,700	-69002028	(+)
26	139,0	73,0	140,0	29,0	26,0	0,918	-69002628	(+)
32	144,0	78,0	140,0	35,0	32,0	1,780	-69003228	(+)
38	164,0	91,0	190,0	41,0	38,0	2,170	-69003828	(+)
50	173,0	108,0	190,0	53,0	50,0	3,058	-69005028	(+)



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