

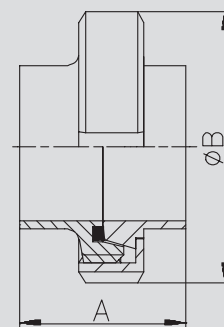
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## 1.01 DIN-Verbindungselemente

### 1.01 DIN connection parts

**1.01.01 Verschraubung DIN 11851-S**
**1.01.01 welding union DIN 11851-S**
**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	
															bl. NBR
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	

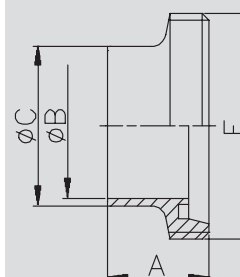
**Verschraubung  
DIN 11851-S**
**welding union  
DIN 11851-S**


für Rohre gemäß DIN 11850 - wird in Einzelteilen geliefert

for pipes as per DIN 11850 - delivered in single components

**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	
															blank
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	

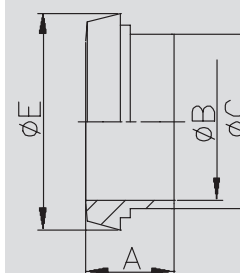
**Gewindestutzen  
DIN 11851-SC**
**welding male part  
DIN 11851-SC**


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

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

**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	
															blank
10	17,0	10,0	13,0			22,5	0,010	-0101	3,30	-0102	3,45	-0103	3,90	-0104	4,05
15	17,0	16,0	19,0			28,5	0,010	-0151	3,85	-0152	4,05	-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

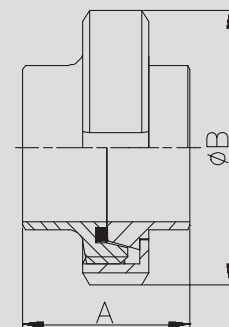


**1.01.03 Verschraubung S**
**1.01.03 welding union**

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	matt NBR	EUR	bl. NBR	EUR	matt 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	

 für Rohre gemäß DIN 11850 - wird in Einzelteilen geliefert  
 ID: Innendurchmesser Rohr

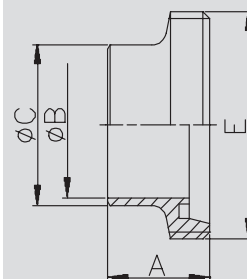
 for pipes as per DIN 11850 - delivered in single components  
 ID: inside diameter pipe

**Verschraubung S**  
**welding union**


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 - für Rohre gemäß DIN 11850  
 auf Anfrage mit APZ 3.1/AD2000-W2

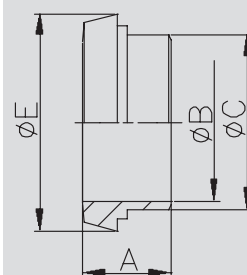
 Rd: round thread - for pipes as per DIN 11850  
 on inquiry with certificate 3.1/AD2000-W2

**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	3,30	-0102	3,45	-0103	3,90	-0104	4,05	
15	17,0	16,0	21,0		28,5	0,010	-0151	3,85	-0152	4,05	-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	

 für Rohre gemäß DIN 11850  
 auf Anfrage mit APZ 3.1/AD2000-W2

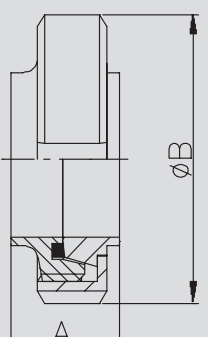
 for pipes as per DIN 11850  
 on inquiry with certificate 3.1/AD2000-W2

**Kegelstutzen SD**  
**welding liner**


**1.01.04 Verschraubung SK (kurz)**

**1.01.04 welding union short**

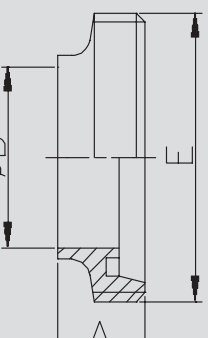
Verschraubung SK welding union short	Art.-Nr. 11204-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	matt NBR	EUR	bl. NBR	EUR	matt NBR	EUR
	10	26,0	38,0			ID 9	0,040	-0101200	16,80	-0102200	17,55	-0103200	19,15	-0104200	19,90
	15	26,0	44,0			ID 15	0,152	-0151200	20,25	-0152200	21,10	-0153200	23,95	-0154200	24,80
	20	26,0	54,0			ID 19	0,243	-0201200	22,25	-0202200	23,20	-0203200	26,25	-0204200	27,20
	25	30,0	63,0			ID 25	0,343	-0251200	22,05	-0252200	23,00	-0253200	25,50	-0254200	26,45
	32	30,0	70,0			ID 31	0,414	-0321200	25,00	-0322200	26,10	-0323200	28,45	-0324200	29,55
	40	30,0	78,0			ID 37	0,484	-0401200	25,80	-0402200	26,90	-0403200	29,10	-0404200	30,20
	50	32,0	92,0			ID 49	0,675	-0501200	29,75	-0502200	30,45	-0503200	33,70	-0504200	34,40
	65	34,0	112,0			ID 66	1,026	-0651200	40,95	-0652200	41,85	-0653200	49,20	-0654200	50,10
	80	34,0	127,0			ID 81	1,388	-0801200	65,15	-0802200	66,55	-0803200	76,45	-0804200	77,85
	100	40,0	148,0			ID 100	1,892	-1001200	93,75	-1002200	95,65	-1003200	112,65	-1004200	114,55
	125	47,0	178,0			ID 125	3,348	-1251200	(+)	-1252200	(+)	-1253200	(+)	-1254200	(+)
	150	54,0	210,0			ID 150	4,653	-1501200	(+)	-1502200	(+)	-1503200	(+)	-1504200	(+)



wird in Einzelteilen geliefert  
ID: Innendurchmesser Rohr

delivered in single components  
ID: inside diameter pipe

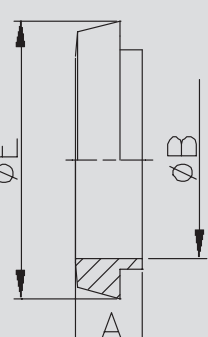
Gewindestutzen SKC welding male part short	Art.-Nr. 11304-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	10	17,5	9,0			Rd28x1/8	0,030	-0101	6,65	-0102	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	(+)	-1252	(+)	-1253	(+)	-1254	(+)
	150	40,0	150,0			Rd190x1/4	1,610	-1501	(+)	-1502	(+)	-1503	(+)	-1504	(+)



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

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

Kegelstutzen SKD welding liner short	Art.-Nr. 11404-							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	13,5	9,0				22,5	0,010	-0101	3,40	-0102	3,55	-0103	3,95	-0104	4,10
	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	(+)	-1252	(+)	-1253	(+)	-1254	(+)
	150	27,0	150,0				176,0	0,870	-1501	(+)	-1502	(+)	-1503	(+)	-1504	(+)



auf Anfrage mit APZ 3.1/AD2000-W2  
(+) Preis auf Anfrage

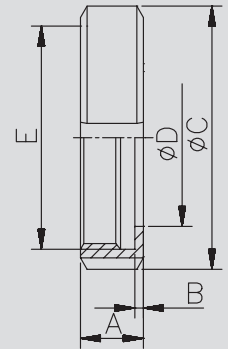
on inquiry with certificate 3.1/AD2000-W2  
(+) price on inquiry

**1.01.05 Verschraubung S (Guß)**
**1.01.05 welding union (casting)**
**Art.-Nr. 11000-**

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
10	18,0	3,0	38,0	19,0	Rd28x1/8	0,060
15	18,0	3,0	44,0	25,0	Rd34x1/8	0,080
20	20,0	3,0	54,0	31,0	Rd44x1/6	0,110
25	21,0	3,0	63,0	36,0	Rd52x1/6	0,160
32	21,0	3,0	70,0	42,0	Rd58x1/6	0,190
40	21,0	3,0	78,0	49,0	Rd65x1/6	0,240
50	22,0	3,0	92,0	62,0	Rd78x1/6	0,320
65	25,0	4,0	112,0	80,0	Rd95x1/6	0,530
80	29,0	4,0	127,0	94,0	Rd110x1/4	0,720
100	31,0	5,0	148,0	115,0	Rd130x1/4	0,970

**AISI 304 (CF8)**

Art.-Nr.	Preis
blank	EUR
-0106	6,05
-0156	7,10
-0206	7,40
-0256	7,45
-0326	8,20
-0406	8,25
-0506	9,60
-0656	14,85
-0806	23,40
-1006	30,20

**Nutmutter F (Guß)**
**nut (casting)**


Rd: Rundgewinde

Rd: round thread

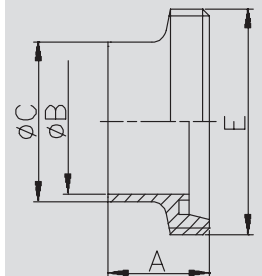
**Art.-Nr. 11320-**

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
10	21,0	10,0	13,0		Rd28x1/8	0,030
15	21,0	16,0	19,0		Rd34x1/8	0,040
20	24,0	20,0	23,0		Rd44x1/6	0,080
25	29,0	26,0	29,0		Rd52x1/6	0,120
32	32,0	32,0	35,0		Rd58x1/6	0,140
40	33,0	38,0	41,0		Rd65x1/6	0,150
50	35,0	50,0	53,0		Rd78x1/6	0,240
65	40,0	66,0	70,0		Rd95x1/6	0,370
80	45,0	81,0	85,0		Rd110x1/4	0,540
100	54,0	100,0	104,0		Rd130x1/4	0,700

**AISI 304 (CF8)**
**AISI 316L (CF3M)**

Art.-Nr.	Preis
blank	EUR
-0106	5,60
-0156	6,00
-0206	7,10
-0256	6,40
-0326	7,65
-0406	7,90
-0506	9,30
-0656	13,60
-0806	21,10
-1006	30,40

Art.-Nr.	Preis
blank	EUR
-0108	6,90
-0158	7,50
-0208	8,90
-0258	8,40
-0328	10,05
-0408	10,20
-0508	12,30
-0658	18,20
-0808	27,20
-1008	40,10

**Gewindestutzen SC (Guß)**
**welding male part (casting)**


Rd: Rundgewinde

Rd: round thread

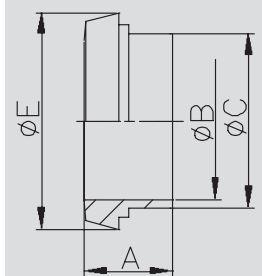
**Art.-Nr. 11420-**

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
10	17,0	10,0	13,0		22,5	0,010
15	17,0	16,0	19,0		28,5	0,010
20	18,0	20,0	23,0		36,5	0,040
25	22,0	26,0	29,0		44,0	0,070
32	25,0	32,0	35,0		50,0	0,120
40	26,0	38,0	41,0		56,0	0,130
50	28,0	50,0	53,0		68,5	0,150
65	32,0	66,0	70,0		86,0	0,310
80	37,0	81,0	85,0		100,0	0,380
100	44,0	100,0	104,0		121,0	0,600

**AISI 304 (CF8)**
**AISI 316L (CF3M)**

Art.-Nr.	Preis
blank	EUR
-0106	2,80
-0156	3,40
-0206	4,00
-0256	4,45
-0326	5,40
-0406	5,50
-0506	6,60
-0656	9,45
-0806	15,10
-1006	23,55

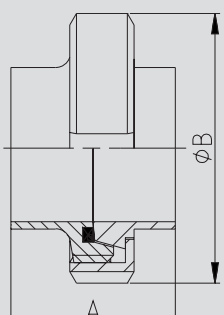
Art.-Nr.	Preis
blank	EUR
-0108	3,30
-0158	4,55
-0208	5,15
-0258	5,80
-0328	6,90
-0408	7,20
-0508	8,10
-0658	12,95
-0808	19,50
-1008	30,85

**Kegelstutzen SD (Guß)**
**welding liner (casting)**


**1.01.06 Verschraubung Zoll**

**1.01.06 welding union inch**

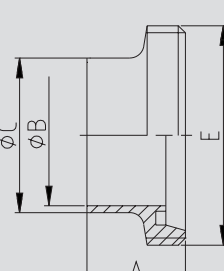
Verschraubung Zoll welding union inch	Art.-Nr. 11203-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	bl. NBR	EUR	matt NBR	EUR	bl. NBR	EUR	matt NBR	EUR
1"	45,0	63,0				ID 22,9	0,433	-1001200	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



ID: Innendurchmesser Rohr - wird in Einzelteilen geliefert

ID: inside diameter pipe - delivered in single components

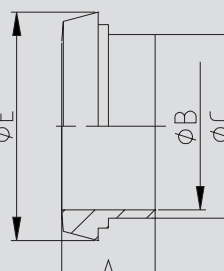
Gewindestutzen Zoll welding male part inch	Art.-Nr. 11301-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
1"	29,0	22,9	25,4			Rd52x1/6	0,100	-1001	7,90	-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

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

Kegelstutzen Zoll welding liner 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				0,080	-1001	5,15	-1002	5,45	-1003	6,80	-1004	7,10
1,5"	26,0	35,1	38,1				0,130	-1121	6,70	-1122	7,05	-1123	8,60	-1124	8,95
2"	28,0	47,8	50,8				0,180	-2001	7,95	-2002	8,15	-2003	9,75	-2004	9,95
2,5"	32,0	60,2	63,5				0,330	-2121	11,35	-2122	11,65	-2123	15,35	-2124	15,65
3"	32,0	72,8	76,1				0,310	-3001	18,10	-3002	18,55	-3003	23,40	-3004	23,85
4"	44,0	97,4	101,6				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

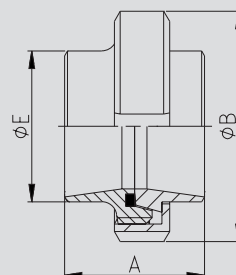
for inch-pipes - on inquiry with certificate 3.1/AD2000-W2

**1.01.07 Verschraubung ISO**
**1.01.07 welding union ISO**
**Art.-Nr. 11208-**

							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
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

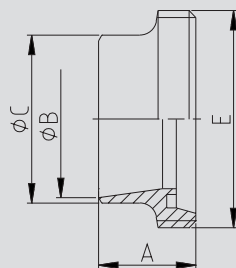
delivered in single components

**Verschraubung ISO**  
**welding union 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

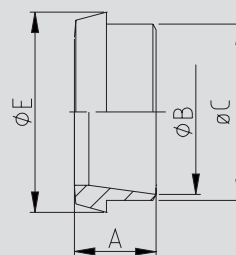
 Rd: round thread - for pipes as per DIN EN ISO 1127  
 on inquiry with certificate 3.1/AD2000-W2

**Gewindestutzen ISO**  
**welding male part 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

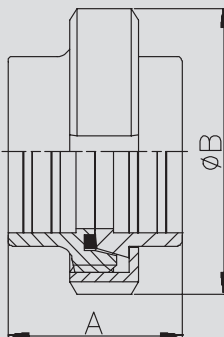
 for pipes as per EN ISO 1127  
 on inquiry with certificate 3.1/AD2000-W2

**Kegelstutzen ISO**  
**welding liner ISO**


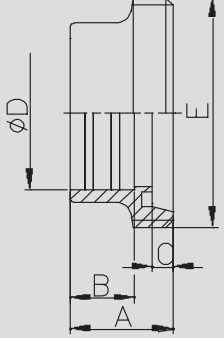


**1.01.08 Verschraubung W (Walz)**

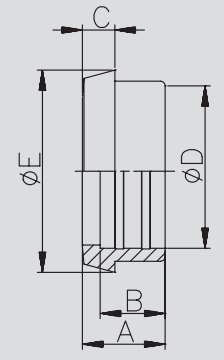
**1.01.08 expanding union**

Verschraubung Walz expanding union		Art.-Nr. 11200-						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	bl. NBR	EUR	matt NBR	EUR	bl. NBR	EUR	matt 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

Gewindestutzen C (Walz) expanding male part		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	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

Rd: Rundgewinde      Rd: round thread

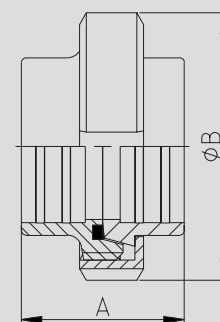
Kegelstutzen D (Walz) expanding liner		Art.-Nr. 10600-						AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404				
		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
		mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
		10	17,0	12,0	6,0	12,2	22,5	0,020	-0101	3,60	-0102	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

**1.01.09 Verschraubung Zoll (Walz)**
**1.01.09 expanding union inch**

Art.-Nr. 11201-								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	
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

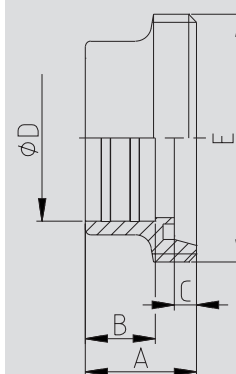
OD: outside diameter pipe - delivered in single components

**Verschraubung Zoll (Walz)**
**expanding union inch**


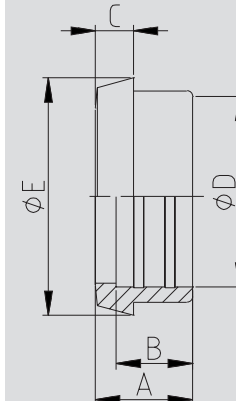
Art.-Nr. 10501-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
1"	29,0	15,0	7,0	25,6	Rd52x1/6	0,150	-1001	8,40	-1002	8,75	-1003	10,95	-1004	11,30	
1,5"	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

Rd: round thread

**Gewindestutzen Zoll (Walz)**
**expanding male part 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	

**Kegelstutzen Zoll (Walz)**
**expanding liner inch**




**1.01.11 Dichtring G**

**1.01.11 gasket**

**Art.-Nr. 11100-**

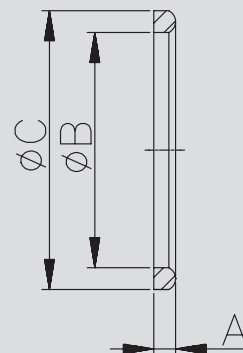
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
10	4,5	12,0	20,0			0,001	-0100100	0,80	-0100200	0,25	-0100300	0,35	-0100400	2,45
15	4,5	18,0	26,0			0,002	-0150100	0,85	-0150200	0,25	-0150300	0,40	-0150400	2,50
20	4,5	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	4,55	-0750200	1,75	-0750300	3,15	-0750400	10,60
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	4,60	-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	21,45	-2000400	101,35

weitere Werkstoffe auf Anfrage

other gasket materials on inquiry

**Dichtring G**

**gasket**

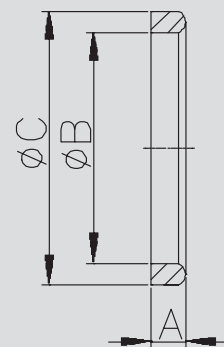


**Art.-Nr. 11110-**

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	3,40	-0250200	1,50	-0250300	1,80	-0250400	8,10
32	8,0	36,0	46,0			0,006	-0320100	3,50	-0320200	1,50	-0320300	1,90	-0320400	9,65
40	8,0	42,0	52,0			0,007	-0400100	6,90	-0400200	1,80	-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	8,30	-0800200	2,95	-0800300	3,55	-0800400	18,85
100	8,0	104,0	114,0			0,016	-1000100	8,65	-1000200	3,25	-1000300	4,05	-1000400	22,95

**Dichtring G (erhöht)**

**gasket thick type**

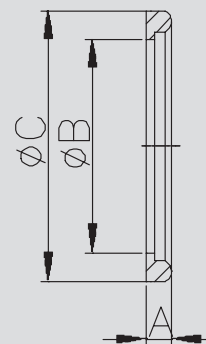


**Art.-Nr. 11120-**

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	0,95	-0100200	0,85	-0100300	0,90	-0100400	3,15
15	5,0	16,5	26,0			0,001	-0150100	1,05	-0150200	0,95	-0150300	0,90	-0150400	4,50
20	5,0	20,5	33,0			0,002	-0200100	1,20	-0200200	0,95	-0200300	1,05	-0200400	4,65
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	7,10	-1250200	4,80	-1250300	5,35	-1250400	29,00
150	7,0	150,0	167,0			0,030	-1500100	8,20	-1500200	5,35	-1500300	5,60	-1500400	32,40

**Dichtring G (Bund)**

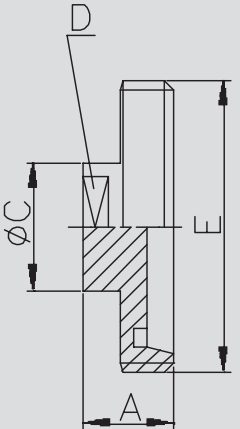
**gasket with collar**



**1.01.12 Blindgewinde, Blindkegel**

**1.01.12 male part blank, liner blank**

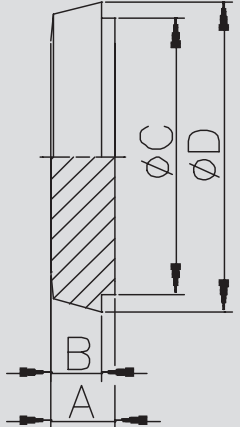
Blindgewinde male part blank	Art.-Nr. 11700-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	10	21,0		20,0	SW17	Rd28x1/8	0,050	-0101	20,20	-0102	21,05	-0103	24,30	-0104	25,15
	15	21,0		26,0	SW19	Rd34x1/8	0,090	-0151	21,20	-0152	22,05	-0153	25,45	-0154	26,30
	20	24,0		26,0	SW19	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	SW27	Rd95x1/6	0,540	-0651	71,85	-0652	73,30	-0653	100,50	-0654	101,95
	80	30,0		34,0	SW27	Rd110x1/4	0,950	-0801	86,05	-0802	87,80	-0803	120,40	-0804	122,15
	100/4"	30,0		34,0	SW27	Rd130x1/4	1,110	-1001	113,30	-1002	115,60	-1003	158,60	-1004	160,90



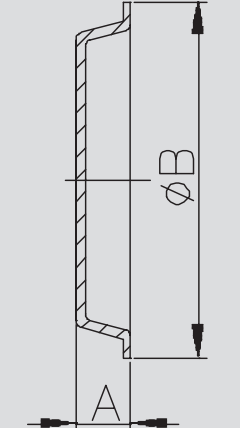
SW: Schlüsselweite - Rd: Rundgewinde

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.	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	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 (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.	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
	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

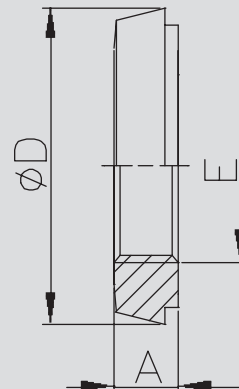


**1.01.13 Blindkegel, Blindmutter**
**1.01.13 liner blank, blind nut**

Art.-Nr. 11900-							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	9,0			22,5	G3/8"	0,015	-0101010	18,85	-0102010	19,65	-0103010	20,50	-0104010	21,30
15	9,0			28,5	G1/2"	0,040	-0151015	19,80	-0152015	20,60	-0153015	21,85	-0154015	22,65
20	11,0			36,5	G3/4"	0,070	-0201020	22,55	-0202020	23,50	-0203020	25,20	-0204020	26,15
25	13,0			44,0	G1"	0,115	-0251025	19,80	-0252025	20,60	-0253025	21,90	-0254025	22,70
32	13,0			50,0	G1.1/4"	0,150	-0321032	23,60	-0322032	24,55	-0323032	26,85	-0324032	27,80
40	13,0			56,0	G1.1/2"	0,210	-0401040	24,25	-0402040	25,25	-0403040	27,35	-0404040	28,35
50	14,0			68,5	G2"	0,350	-0501050	27,40	-0502050	27,95	-0503050	31,35	-0504050	31,90
65	16,0			86,0	G2.1/2"	0,650	-0651065	34,80	-0652065	35,50	-0653065	40,85	-0654065	41,55
80	16,0			100,0	G3"	0,900	-0801080	42,20	-0802080	43,05	-0803080	49,60	-0804080	50,45
100	20,0			121,0	G3"	1,650	-1001080	56,10	-1002080	57,25	-1003080	69,75	-1004080	70,90

weitere Gewinde auf Anfrage - G: Rohrgewinde ISO 228-1

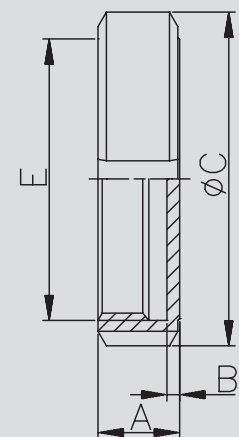
other threads on inquiry - G: pipe thread ISO 228-1

**Blindkegel**  
**(Rohrgewinde)**
**liner blank**  
**(pipe thread)**


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

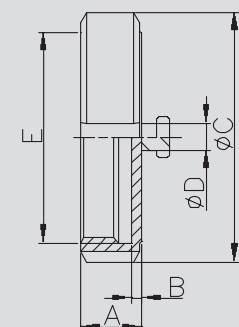
Rd: round thread

**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

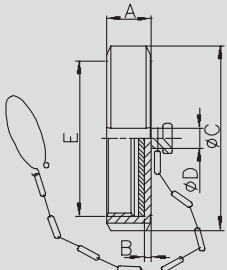
**Blindmutter**
**mit Knopf**
**blind nut**  
**with boss**


**1.01.14 Blindmutter und Zubehör**

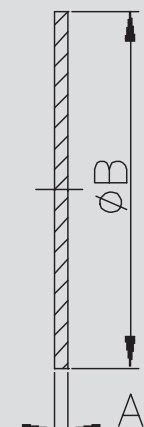
**1.01.14 blind nut and accessories**

Blindmutter (komplett)  blind nut (complete)	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	mat/NBR	EUR	pol./NBR	EUR	mat/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	

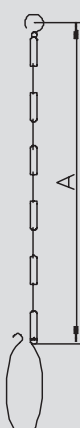
Rd: Rundgewinde - weitere Dichtungswerkstoffe auf Anfrage  
 Rd: round thread - other gasket materials on inquiry



Dichtscheibe (Blindmutter)  gasket disc (blind nut)	Art.-Nr. 12200-							Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	DN	A	B	C	D	E	Gew.	NBR	EUR	EPDM	EUR	FKM	EUR	PTFE	EUR
	mm	mm	mm	mm	mm	mm	kg								
10	3,0	28,0				0,002	-0100200	0,60	-0100300	2,60	-0100400	5,50	-0100500	7,95	
15	3,0	34,0				0,003	-0150200	0,65	-0150300	2,65	-0150400	5,80	-0150500	8,20	
20	3,0	44,0				0,006	-0200200	0,90	-0200300	2,95	-0200400	6,20	-0200500	8,55	
25/1"	3,0	52,0				0,010	-0250200	0,80	-0250300	2,40	-0250400	5,80	-0250500	8,95	
32/1,25"	3,0	58,0				0,011	-0320200	1,10	-0320300	2,50	-0320400	6,05	-0320500	9,20	
40/1,5"	3,0	65,0				0,016	-0400200	1,00	-0400300	2,60	-0400400	6,40	-0400500	9,45	
50/2"	3,0	78,0				0,021	-0500200	1,10	-0500300	2,85	-0500400	8,60	-0500500	9,65	
65/2,5"	3,0	95,0				0,030	-0650200	1,45	-0650300	3,30	-0650400	11,60	-0650500	13,10	
75/3"	3,0	104,0				0,035	-0750200	2,20	-0750300	4,30	-0750400	13,90	-0750500	14,50	
80	3,0	110,0				0,050	-0800200	2,30	-0800300	4,40	-0800400	15,20	-0800500	15,90	
100/4"	3,0	130,0				0,080	-1000200	3,15	-1000300	5,10	-1000400	18,95	-1000500	18,95	
125	3,0	160,0				0,125	-1250200	5,80	-1250300	6,65	-1250400	27,45	-1250500	28,00	
150	3,0	190,0				0,145	-1500200	7,65	-1500300	10,25	-1500400	39,95	-1500500	40,50	
200	3,0	240,0				0,180	-2000200	15,10	-2000300	18,80	-2000400	49,10	-2000500	50,30	



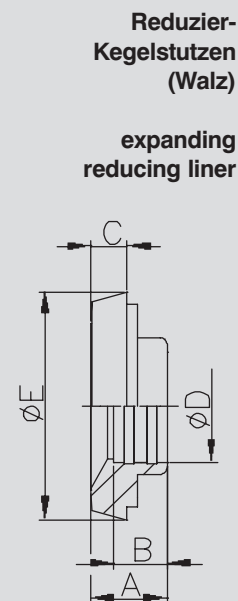
Kette mit Haken und Öse  chain with hook and eye	Art.-Nr. 12302-							AISI 304/304L-1.4301/1.4307	
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg		EUR
10	90,0					0,025	-0100	4,30	
15	90,0					0,025	-0150	4,30	
20	90,0					0,025	-0200	4,45	
25	90,0					0,030	-0250	4,45	
32	100,0					0,030	-0320	4,45	
40	110,0					0,030	-0400	4,45	
50	130,0					0,035	-0500	5,20	
65	140,0					0,035	-0650	5,30	
80	140,0					0,050	-0800	5,40	
100	170,0					0,050	-1000	5,75	
125	200,0					0,055	-1250	5,85	
150	230,0					0,070	-1500	6,35	



**1.01.15 Reduzierstutzen**
**1.01.15 reducing socket**

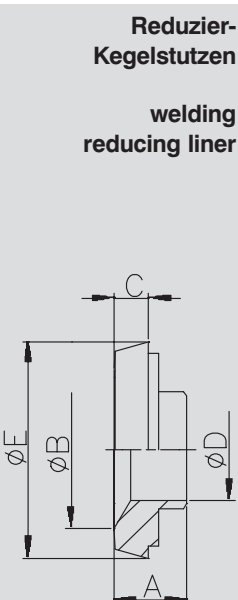
Art.-Nr. 12400-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
20-15	25,0	12,0	8,0	18,2	36,5	0,080	-0201015	14,35	-0202015	14,95	-0203015	19,90	-0204015	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	20,85	-0502032	21,30	-0503032	33,85	-0504032	34,30	
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



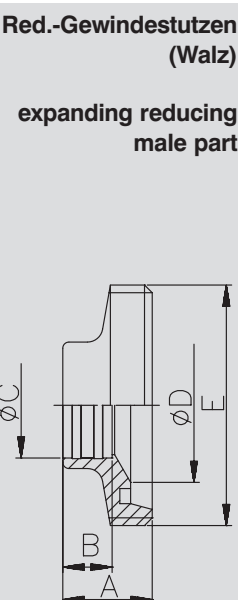
Art.-Nr. 12402-								AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR	
20-15	17,0	20,0	8,0	16,0	36,5	0,080	-0201015	14,35	-0202015	14,95	-0203015	19,90	-0204015	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	20,85	-0502032	21,30	-0503032	33,85	-0504032	34,30	
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



Art.-Nr. 12600-								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	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	19,55	-0502032	19,95	-0503032	25,95	-0504032	26,35	
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



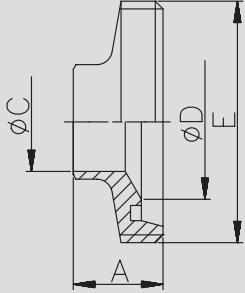


**1.01.16 Reduzierstutzen, Einschraubstutzen**

**1.01.16 reducing socket, socket threaded outside**

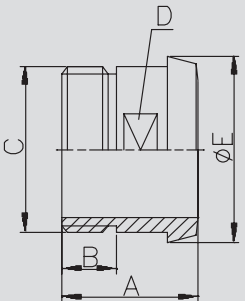
Reduzier- Gewindestutzen  welding reducing male part	Art.-Nr. 12602-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
20-15	24,0		16,0	20,0	Rd44x1/6	0,090	-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	19,55	-0502032	19,95	-0503032	25,95	-0504032	26,35	
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



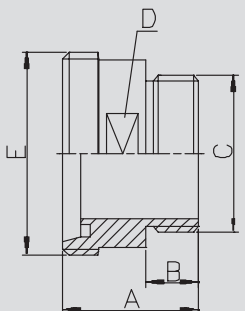
Einschraub- Kegelstutzen  liner threaded outside	Art.-Nr. 12700-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	38,0	14,0	G3/8"	SW14		22,5	0,040	-0101	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

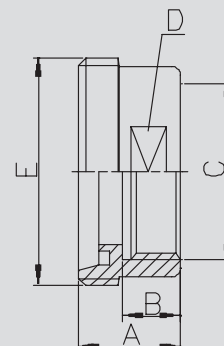


**1.01.17 Aufschraubstutzen, Schlauchstutzen**
**1.01.17 socket threaded inside, hose part**
**Art.-Nr. 12900-**

							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

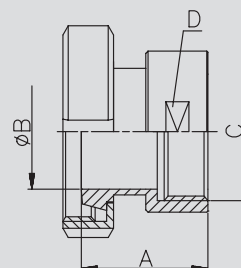
G: pipe thread ISO 228-1 - SW: width across flats - Rd: round thread

**Aufschraub-Gewindestutzen**
**male threaded inside**

**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

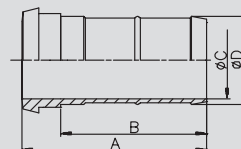
G: pipe thread ISO 228-1 - SW: width across flats

**Aufschraub-Kegelstutzen**
**liner threaded inside**

**Art.-Nr. 13200-**

							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	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
10	50,0	31,0	10,0	15,0	LW13	0,040	-0101	22,35	-0102	23,25	-0103	39,15	-0104	40,75
15	60,0	40,0	16,0	21,0	LW19	0,055	-0151	22,35	-0152	23,25	-0153	36,55	-0154	38,05
20	72,0	47,0	20,0	27,0	LW25	0,130	-0201	22,35	-0202	23,25	-0203	36,55	-0204	38,05
25	80,0	57,0	26,0	32,0	LW30	0,190	-0251	24,80	-0252	25,80	-0253	36,55	-0254	38,05
32	90,0	67,0	32,0	40,0	LW38	0,270	-0321	28,20	-0322	29,35	-0323	43,75	-0324	45,50
40	105,0	81,0	38,0	48,0	LW45	0,420	-0401	35,95	-0402	37,40	-0403	56,60	-0404	58,90
50	120,0	95,0	50,0	57,0	LW54	0,580	-0501	42,50	-0502	43,35	-0503	66,15	-0504	67,50
65	140,0	112,0	66,0	76,0	LW73	1,075	-0651	65,20	-0652	66,55	-0653	107,55	-0654	109,75
80	160,0	127,0	81,0	90,0	LW87	1,020	-0801	92,15	-0802	94,00	-0803	159,00	-0804	162,20
100	180,0	146,0	100,0	110,0	LW107	2,130	-1001	159,20	-1002	162,40	-1003	237,35	-1004	242,10

LW: Lichte Schlauchweite

LW: hose inside diameter

**Schlauch-Kegelstutzen (DIN)**
**hose liner (DIN)**


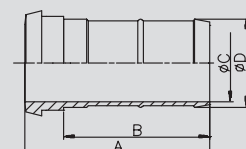


**1.01.19 Schlauchstutzen, Schlauchtülle**
**1.01.19 hose socket, hose nozzle**

Art.-Nr. 13600-							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	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

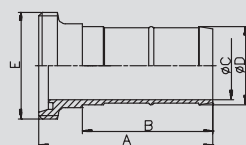
LW: hose inside diameter

**Schlauch-  
Kegelstutzen (Bier)**  
  
**hose liner (beer)**


Art.-Nr. 13700-							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	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

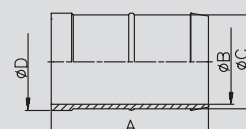
Rd: round thread

**Schlauch-  
Gewindestutzen  
(Bier)**  
  
**hose male part  
(beer)**


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	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

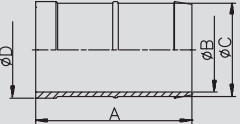
LW: hose inside diameter

**Schlauchtülle (DIN)**  
  
**hose nozzle (DIN)**


**1.01.20 Schlauchtüllen**

**1.01.20 hose nozzle**

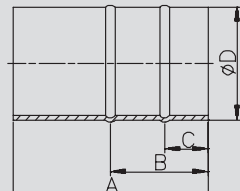
Schlauchtülle (Bier) hose nozzle (beer)	Art.-Nr. 13802-							AISI 304/304L-1.4301/1.4307				AISI 316L/316Ti-1.4404/1.4571			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
	32	65,0	27,5	32,0	34,0	LW32	0,092	-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



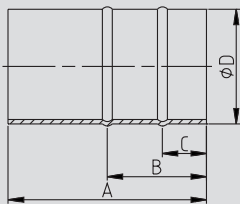
LW: Lichte Schlauchweite - DN 25: siehe auch Artikel-Nr. 13800  
Schlauchtülle (DIN) DN 20

LW: hose inside diameter - please see item-no. 13800  
hose nozzle (DIN) DN 20

Schlauchtülle (DIN-Rohr) hose nozzle (DIN-pipe)	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	mm	kg	poliert	EUR	matt	EUR	poliert	EUR	matt	EUR
	15	50,0	32,0	12,0	18,0		0,010	-0151	5,10	-0152	5,10	-0153	6,65	-0154	6,65
	20	50,0	32,0	12,0	22,0		0,010	-0201	5,10	-0202	5,10	-0203	6,65	-0204	6,65
	25	60,0	35,0	15,0	28,0		0,030	-0251	5,10	-0252	5,10	-0253	6,65	-0254	6,65
	32	70,0	40,0	15,0	34,0		0,050	-0321	5,35	-0322	5,35	-0323	6,95	-0324	6,95
	40	80,0	45,0	20,0	40,0		0,070	-0401	6,20	-0402	6,20	-0403	8,05	-0404	8,05
	50	90,0	45,0	20,0	52,0		0,120	-0501	7,20	-0502	7,20	-0503	9,40	-0504	9,40
	65	100,0	50,0	25,0	70,0		0,280	-0651	13,40	-0652	13,40	-0653	17,40	-0654	17,40
	80	110,0	55,0	25,0	85,0		0,420	-0801	16,55	-0802	16,55	-0803	21,55	-0804	21,55
	100	120,0	65,0	25,0	104,0		0,575	-1001	28,15	-1002	28,15	-1003	36,60	-1004	36,60



Schlauchtülle (Zoll-Rohr) hose nozzle (inch-pipe)	Art.-Nr. 13903-							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
	1"	60,0	38,0	15,0	25,4		0,047	-1001	5,60	-1002	5,60	-1003	8,80	-1004	8,80
	1,5"	80,0	45,0	20,0	38,1		0,095	-1121	6,75	-1122	6,75	-1123	10,65	-1124	10,65
	2"	90,0	45,0	20,0	50,8		0,170	-2001	7,95	-2002	7,95	-2003	12,50	-2004	12,50
	2,5"	100,0	50,0	25,0	63,5		0,238	-2121	14,60	-2122	14,60	-2123	22,95	-2124	22,95
	3"	110,0	55,0	25,0	76,1		0,416	-3001	18,10	-3002	18,10	-3003	28,35	-3004	28,35
	4"	120,0	65,0	26,0	101,6		0,607	-4001	30,75	-4002	30,75	-4003	48,15	-4004	48,15

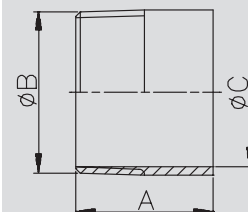


**1.01.21 Schweißnippel, Muffe**
**1.01.21 welding nipple, socket**

Art.-Nr. 14000-							AISI 304/304L-1.4301/1.4307			AISI 316Ti-1.4571		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR	matt	EUR	matt	EUR
6	30,0	R1/8"	6,2		10,2x2,0	0,010	-0062	2,30	-0064	3,05	-0064	3,05
8	30,0	R1/4"	8,9		13,5x2,3	0,010	-0082	2,40	-0084	3,25	-0084	3,25
10	30,0	R3/8"	12,6		17,2x2,3	0,010	-0102	2,50	-0104	3,75	-0104	3,75
15	35,0	R1/2"	16,1		21,3x2,6	0,030	-0152	2,65	-0154	4,30	-0154	4,30
20	40,0	R3/4"	21,7		26,9x2,6	0,050	-0202	3,05	-0204	5,15	-0204	5,15
25	40,0	R1"	27,3		33,7x3,2	0,070	-0252	4,45	-0254	6,55	-0254	6,55
32	50,0	R1.1/4"	36,0		42,4x3,2	0,120	-0322	6,15	-0324	8,70	-0324	8,70
40	50,0	R1.1/2"	41,9		48,3x3,2	0,150	-0402	7,55	-0404	10,15	-0404	10,15
50	55,0	R2"	53,1		60,3x3,6	0,200	-0502	9,50	-0504	10,90	-0504	10,90
65	60,0	R2.1/2"	68,9		76,1x3,6	0,280	-0652	18,05	-0654	19,70	-0654	19,70
80	65,0	R3"	80,9		88,9x4,0	0,460	-0802	25,10	-0804	28,70	-0804	28,70

R: Rohrgewinde DIN EN 10226-1 - . . . x . . . : für Rohrabmessung

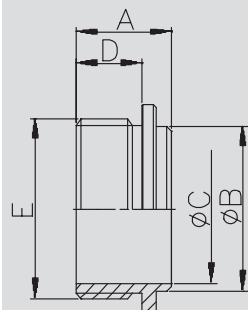
R: pipe thread DIN EN 10226-1 - . . . x . . . : for pipe dimensions


**Schweißnippel**
**welding nipple**

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

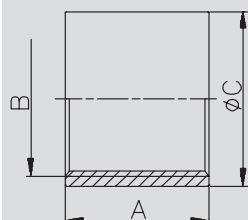
G: pipe thread ISO 228-1


**Schweißnippel für  
DIN 11850**
**welding nipple for  
DIN 11850**

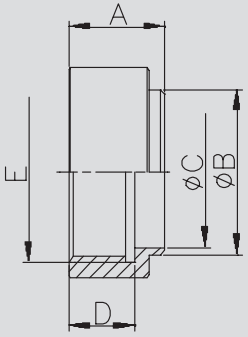
Art.-Nr. 14100-							AISI 304/304L-1.4301/1.4307			AISI 316Ti-1.4571		
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	matt	EUR	matt	EUR	matt	EUR
6	17,0	Rp1/8"	14,0			0,010					-0064	4,55
8	25,0	Rp1/4"	18,5			0,020					-0084	4,60
10	26,0	Rp3/8"	21,3			0,020	-0102	3,50			-0104	5,15
15	34,0	Rp1/2"	26,5			0,040	-0152	3,60			-0154	6,15
20	36,0	Rp3/4"	32,5			0,070	-0202	5,35			-0204	8,40
25	43,0	Rp1"	39,5			0,130	-0252	7,05			-0254	12,25
32	48,0	Rp1.1/4"	48,3			0,190	-0322	9,60			-0324	13,30
40	48,0	Rp1.1/2"	55,5			0,220	-0402	12,55			-0404	16,70
50	56,0	Rp2"	68,0			0,320	-0502	15,20			-0504	25,05
65	65,0	Rp2.1/2"	84,0			0,440	-0652	41,45			-0654	53,70
80	71,0	Rp3"	98,0			0,660	-0802	48,60			-0804	67,85

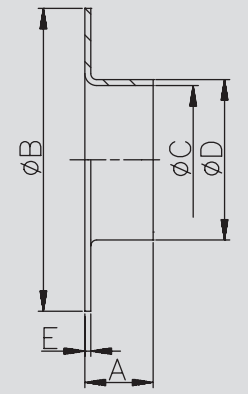
Rp: Rohrgewinde DIN EN 10226-1

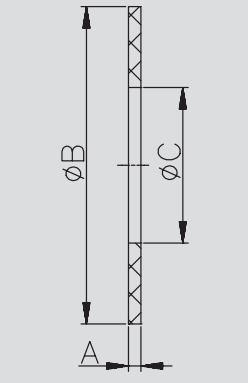
Rp: pipe thread DIN EN 10226-1


**Muffe**
**socket**

**1.01.22 Muffe, Bördel** **1.01.22 socket, neck**

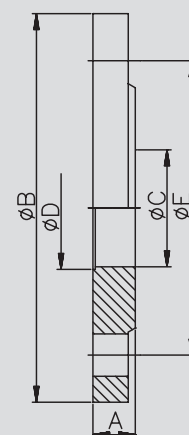
Schweißmuffe für DIN 11850		Art.-Nr. 14106-						AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404				
		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
		mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
welding socket for DIN 11850  	10	20,0	15,0	10,0	12,0	G3/8"	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				

Bördel für DIN 11850		Art.-Nr. 14200-						AISI 316L/316Ti-1.4404/1.4571		
		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
welding neck for DIN11850		mm	mm	mm	mm	mm	kg	matt	EUR	
	10	7,0	41,0	9,0	12,0		0,020	-0104	(+)	
	15	7,0	45,0	15,0	18,0		0,025	-0154	6,35	
	20	9,0	58,0	19,0	22,0		0,040	-0204	6,70	
	25	12,0	68,0	25,0	28,0		0,060	-0254	6,45	
	32	13,0	78,0	31,0	34,0		0,080	-0324	6,85	
	40	17,0	88,0	37,0	40,0		0,090	-0404	7,65	
	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	

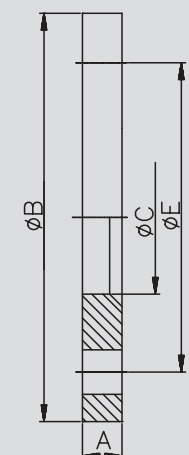
Bördeldichtung		Art.-Nr. 14202-								
		DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis
flat seal for neck		mm	mm	mm	mm	mm	kg	NBR	EUR	
	10	3,0	40,0	10,0			0,010	-0100200	2,55	
	15	3,0	45,0	16,0			0,010	-0150200	2,55	
	20	3,0	58,0	20,0			0,010	-0200200	2,55	
	25	3,0	68,0	25,0			0,010	-0250200	2,70	
	32	3,0	78,0	32,0			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	4,90	
	125	4,0	188,0	125,0			0,080	-1250200	5,90	
	150	4,0	212,0	150,0			0,080	-1500200	6,90	
200	4,0	268,0	200,0			0,120	-2000200	8,80		
							weitere Dichtungswerkstoffe auf Anfrage		other gasket materials on inquiry	

**1.01.23 Flansche**
**1.01.23 flange**

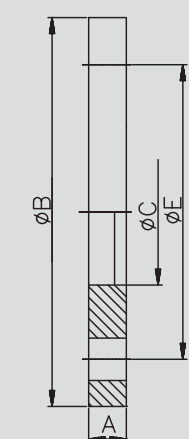
Art.-Nr. 14300-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
10	14,0	90,0	10,0	12,2	60,0	0,560	-0101	26,60	-0102	27,70	-0103	28,65	-0104	29,75
15	14,0	95,0	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

**Glatter Flansch PN10**
**plain flange PN10**


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	27,10		
20	14,0	105,0	28,0		75,0	0,900	-0201010	27,85		
25	16,0	115,0	33,0		85,0	1,070	-0251010	28,60		
32	16,0	140,0	42,0		100,0	1,270	-0321010	57,10		
40	16,0	150,0	50,0		110,0	1,710	-0401010	43,95		
50	16,0	165,0	62,0		125,0	2,350	-0501010	50,35		
65	16,0	185,0	81,0		145,0	2,850	-0651010	63,90		
80	18,0	200,0	94,0		160,0	3,400	-0801010	79,25		
100	18,0	220,0	113,0		180,0	4,030	-1001010	109,95		
125	18,0	250,0	138,0		210,0	6,350	-1251010	144,70		
150	18,0	285,0	164,0		240,0	7,950	-1501010	169,50		
200	20,0	340,0	225,0		295,0	10,350	-2001010	243,30		

**Losflansch  
DIN 2642 PN10**
**loose flange PN10**


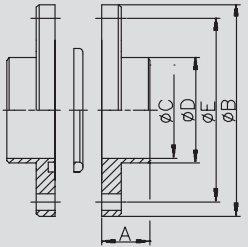
Art.-Nr. 14400-							Aluminium			
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	beschichtet	EUR
10	12,0	90,0	16,0		60,0	0,230	-0105010	4,90	-0106010	6,35
15	12,0	95,0	23,0		65,0	0,240	-0155010	4,90	-0156010	6,35
20	12,0	105,0	28,0		75,0	0,320	-0205010	6,05	-0206010	7,50
25	12,0	115,0	33,0		85,0	0,380	-0255010	6,05	-0256010	7,45
32	16,0	140,0	41,0		100,0	0,550	-0325010	8,10	-0326010	9,55
40	16,0	150,0	48,0		110,0	0,650	-0405010	8,50	-0406010	10,15
50	16,0	165,0	60,0		125,0	0,840	-0505010	10,90	-0506010	15,05
65	16,0	185,0	73,0		145,0	1,000	-0655010	13,50	-0656010	16,80
80	18,0	200,0	90,0		160,0	1,200	-0805010	14,55	-0806010	18,25
100	18,0	220,0	111,0		180,0	1,400	-1005010	16,30	-1006010	20,55
125	18,0	250,0	136,0		210,0	1,850	-1255010	22,25	-1256010	28,90
150	18,0	285,0	161,0		240,0	2,250	-1505010	28,60	-1506010	35,00
200	20,0	340,0	212,0		295,0	3,250	-2005010	41,40	-2006010	48,60

**Losflansch  
Typ A PN 10**
**loose flange PN10**




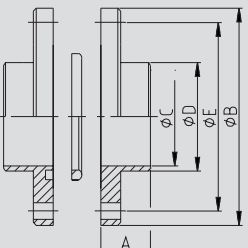
**1.01.24 Flansche** **1.01.24 flange**

Flanschverbindung komplett	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	
flange connection complete (DIN)	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	(+)	-0152200	(+)	-0153200	(+)	-0154200	(+)	
	20	20,0	75,0	20,0	25,0	59,0	0,580	-0201200	55,60	-0202200	(+)	-0203200	72,20	-0204200	(+)	
	25	20,0	87,0	26,0	31,0	73,0	0,780	-0251200	40,65	-0252200	42,30	-0253200	52,40	-0254200	54,05	
	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	47,45	-0403200	60,25	-0404200	62,10	
	50	25,0	110,0	50,0	55,0	95,5	1,180	-0501200	49,10	-0502200	50,10	-0503200	66,30	-0504200	67,30	
	65	25,0	127,0	66,0	72,0	112,5	1,500	-0651200	62,10	-0652200	63,35	-0653200	87,00	-0654200	88,25	
	80	30,0	142,0	81,0	87,0	127,5	2,560	-0801200	87,85	-0802200	89,65	-0803200	123,00	-0804200	124,80	
	100	30,0	162,0	100,0	106,0	147,5	3,430	-1001200	110,80	-1002200	113,05	-1003200	149,60	-1004200	151,85	
	125	40,0	200,0	125,0	132,0	180,0	5,740	-1251200	326,40	-1252200	332,95	-1253200	417,85	-1254200	424,40	
	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	



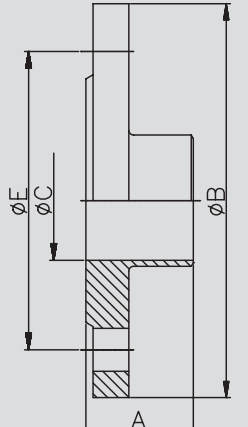
wird in Einzelteilen geliefert - weitere Dichtungswerkstoffe auf Anfrage delivered in single components - other gasket materials on inquiry

Flanschverbindung komplett (Zoll)	Art.-Nr. 14601-								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	
flange connection complete (inch)	1"	19,0	87,0	22,3	28,0	73,0	0,780	-1001200	43,10	-1002200	44,85	-1003200	55,55	-1004200	57,30	
	1,5"	24,0	97,0	35,1	41,0	82,5	0,940	-1121200	48,05	-1122200	50,00	-1123200	63,50	-1124200	65,45	
	2"	24,0	110,0	47,8	54,0	95,5	1,180	-2001200	51,55	-2002200	52,60	-2003200	69,60	-2004200	70,65	
	2,5"	24,0	127,0	60,5	68,0	112,5	1,500	-2121200	64,60	-2122200	65,90	-2123200	90,40	-2124200	91,70	
	3"	30,0	142,0	72,8	78,0	127,5	2,560	-3001200	113,00	-3002200	115,30	-3003200	158,25	-3004200	160,55	
	4"	29,0	162,0	97,6	104,0	147,5	3,430	-4001200	125,85	-4002200	128,40	-4003200	169,90	-4004200	172,45	



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

Flansch mit Schweißende	Art.-Nr. 14700-								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	
flange with welding end	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	



(+) Preis auf Anfrage (+) price on inquiry

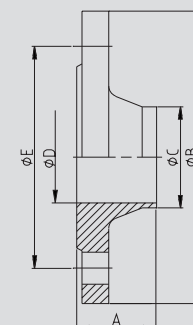
**1.01.25 Flansche**
**1.01.25 flange**

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  
DIN 11850 R2**

**welding neck flange  
DIN 2633  
for pipes  
DIN 11850 R2**



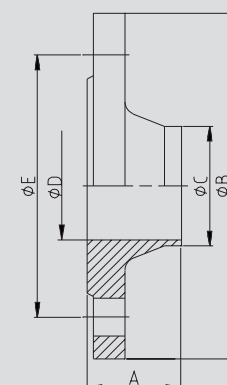
Art.-Nr. 14800-							AISI 304/321-1.4301/1.4541		AISI 316L/316Ti-1.4404/1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	blank	EUR
10	35,0	90,0	14,0	10,4	60,0	0,580	-0101016	36,85	-0103016	39,85
15	35,0	95,0	20,0	16,0	65,0	0,648	-0151016	39,85	-0153016	43,05
20	38,0	105,0	25,0	20,4	75,0	0,952	-0201016	43,20	-0203016	46,70
25	38,0	115,0	30,0	24,8	85,0	1,140	-0251016	47,00	-0253016	50,80
32	40,0	140,0	38,0	32,8	100,0	1,690	-0321016	65,55	-0323016	70,80
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	362,90	-2003016	392,05

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**

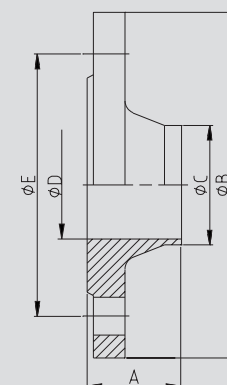


Art.-Nr. 14808-							AISI 304/321-1.4301/1.4541		AISI 316L/316Ti-1.4404/1.4571	
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	blank	EUR	blank	EUR
10	35,0	90,0	17,2	13,6	60,0	0,580	-0101016	36,85	-0103016	39,85
15	35,0	95,0	21,3	17,3	65,0	0,648	-0151016	39,85	-0153016	43,05
20	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	362,90	siehe Artikel 148002003016	392,05

weitere Druckstufen auf Anfrage other pressure ranges on inquiry

**Vorschweißflansch  
DIN 2633-R1 PN16**

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





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## **1.02 IDF-, RJT-, DS-, SMS- und Clampverbindungen**

### **1.02 IDF-, RJT-, DS-, SMS- and clamp connections**

**1.02.01 IDF-Verbindung**

**1.02.01 IDF connection**

**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

AISI 316L-1.4404

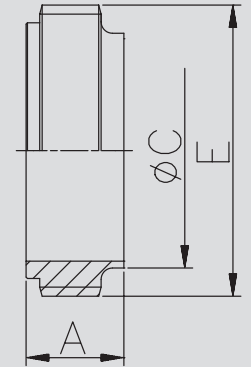
Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	11,35	-1004	11,85
-1123	13,65	-1124	14,20
-2003	15,40	-2004	15,75
-2123	19,75	-2124	20,15
-3003	22,55	-3004	23,05
-4003	(+)	-4004	(+)

Tr: Amerikanisches Trapezgewinde Acme

Tr: Trapezoidal thread acc. Acme

**IDF-Gewindestutzen ISO S**

**IDF welding male part ISO**



**Art.-Nr. 15343-**

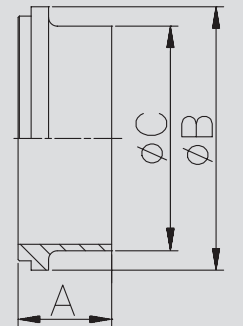
DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	12,0	33,8	25,6			0,020
1,5"	12,0	47,0	38,6			0,040
2"	12,0	60,5	51,6			0,060
2,5"	12,0	74,0	64,1			0,100
3"	12,0	87,5	76,7			0,140
4"	21,5	114,1	102,5			0,200

AISI 316L-1.4404

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	10,10	-1004	10,55
-1123	11,50	-1124	12,00
-2003	11,70	-2004	11,95
-2123	13,30	-2124	13,60
-3003	16,10	-3004	16,45
-4003	(+)	-4004	(+)

**IDF-Bundstutzen ISO S**

**IDF welding liner ISO**



**Art.-Nr. 15441-**

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	30,0	Tr38,3x1/8	30,5	SW46		0,410
1,5"	30,0	Tr51,8x1/8	43,5	SW60		0,410
2"	30,0	Tr65,3x1/8	57,0	SW75		0,410
2,5"	30,0	Tr78,8x1/8	70,7	SW90		0,410
3"	30,0	Tr92,3x1/8	83,3	SW105		0,410

AISI 304/304L-1.4301/1.4307

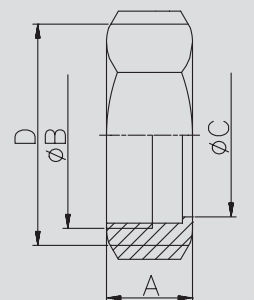
Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1001	28,05	-1002	29,20
-1121	31,95	-1122	33,25
-2001	33,15	-2002	33,85
-2121	44,55	-2122	45,45
-3001	53,35	-3002	54,45

Tr: Amerikanisches Trapezgewinde Acme - SW: Schlüsselweite  
 (+) Preis auf Anfrage

Tr: Trapezoidal thread acc. - SW: width across flats Acme  
 (+) price on inquiry

**IDF-Sechskantmutter ISO**

**IDF hexagon nut ISO**





**1.02.03 RJT-Verbindung**

**1.02.03 RJT connection**

**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

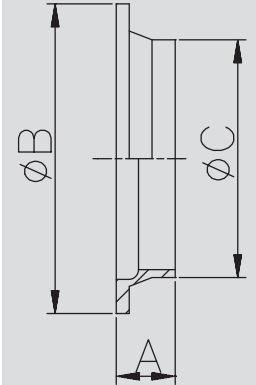
AISI 316L-1.4404

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1003	6,30	-1004	6,60
-1123	6,95	-1124	7,25
-2003	8,20	-2004	8,40
-2123	9,50	-2124	9,70
-3003	13,80	-3004	14,10
-4003	25,80	-4004	26,35

SWG: SWG-Nummer

SWG: SWG-Nummer

**RJT-Bundstutzen S**  
**RJT welding liner**



**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

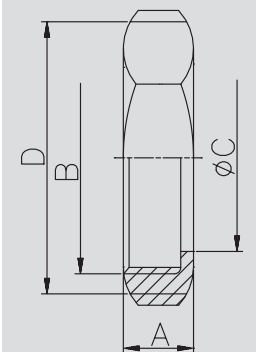
AISI 304/304L-1.4301/1.4307

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-1001	10,75	-1002	11,20
-1121	11,80	-1122	12,30
-2001	15,80	-2002	16,15
-2121	16,60	-2122	16,95
-3001	20,40	-3002	20,85
-4001	(+)	-4002	(+)

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

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

**RJT-Sechskantmutter**  
**RJT hexagon nut**



**Art.-Nr. 16561-**

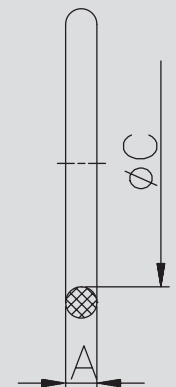
DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	6,6		26,7			0,004
1,5"	6,6		39,4			0,006
2"	6,6		52,1			0,008
2,5"	6,6		64,8			0,010
3"	6,6		77,5			0,012
4"	6,6		102,9			0,014

Art.-Nr.	Preis
NBR	EUR
-1000200	2,80
-1120200	2,80
-2000200	2,90
-2120200	3,20
-3000200	4,20
-4000200	5,30

weitere Werkstoffe auf Anfrage  
 (+) Preis auf Anfrage

other gasket materials on inquiry  
 (+) price on inquiry

**RJT-Dichtung**  
**RJT gasket**





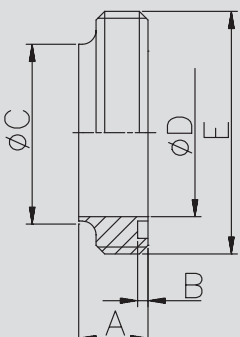




**1.02.06 SMS-Verbindung**

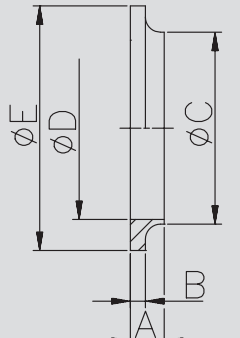
**1.02.06 SMS connection**

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

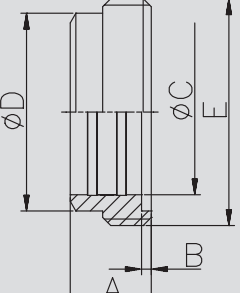


Rd: Rundgewinde Rd: round thread

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- Gewindestutzen W	Art.-Nr. 17000-							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 expanding male part	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

**1.02.07 SMS-Verbindung**

**1.02.07 SMS connection**

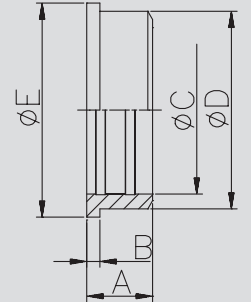
**Art.-Nr. 17100-**

AISI 304/304L-1.4301/1.4307

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	17,0	3,5	25,0	32,0	35,5	0,040
1,5"	20,0	4,0	38,0	48,0	55,0	0,120
2"	20,0	4,0	51,0	60,0	65,0	0,130
2,5"	25,0	4,0	63,5	73,5	80,0	0,215
3"	30,0	5,0	76,0	86,0	93,0	0,310

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-0251	7,00	-0252	7,30
-0381	9,30	-0382	9,70
-0511	9,90	-0512	10,10
-0631	13,75	-0632	14,05
-0761	17,35	-0762	17,70

**SMS-Bundstutzen W**  
**SMS expanding liner**



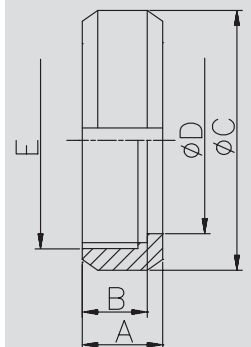
**Art.-Nr. 17200-**

AISI 304/304L-1.4301/1.4307

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	20,0	16,0	51,0	32,0	Rd40x1/6	0,050
1,5"	25,0	21,0	74,0	48,0	Rd60x1/6	0,170
2"	26,0	21,0	84,0	60,5	Rd70x1/6	0,310
2,5"	30,0	25,0	100,0	74,0	Rd85x1/6	0,330
3"	32,0	26,0	114,0	87,0	Rd98x1/6	0,591
4"	45,0	38,0	154,0	117,0	Rd132x1/6	1,740

Art.-Nr.	Preis	Art.-Nr.	Preis
blank	EUR	matt	EUR
-0251	10,10	-0252	10,55
-0381	11,95	-0382	12,45
-0511	13,20	-0512	13,50
-0631	18,50	-0632	18,90
-0761	23,45	-0762	23,95
-1011	67,45	-1012	68,80

**SMS-Nutmutter**  
**SMS nut**



Rd: Rundgewinde

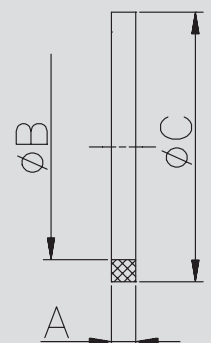
RD: round thread

**Art.-Nr. 17300-**

DN	A	B	C	D	E	Gew.
mm	mm	mm	mm	mm	mm	kg
1"	5,5*	25,0	32,0			0,002
1,5"	5,5*	38,0	48,0			0,003
2"	5,5*	51,0	61,0			0,006
2,5"	5,5*	63,5	73,5			0,007
3"	5,5*	76,0	86,0			0,010
4"	5,5*	101,6	113,5			0,020

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
NBR	EUR	EPDM	EUR	FKM	EUR	PTFE	EUR
-0250200	0,70	-0250300	1,20	-0250400	7,95	-0250500	4,50
-0380200	0,70	-0380300	1,20	-0380400	11,90	-0380500	4,25
-0510200	0,95	-0510300	1,80	-0510400	19,70	-0510500	5,40
-0630200	0,95	-0630300	2,20	-0630400	24,10	-0630500	9,10
-0760200	1,10	-0760300	2,55	-0760400	30,10	-0760500	12,00
-1010200	3,05	-1010300	6,80	-1010400	62,10	-1010500	14,70

**SMS-Dichtung**  
**SMS gasket**

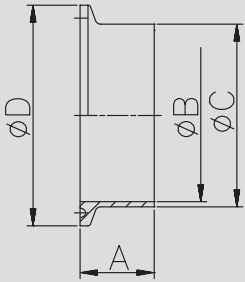


\* PTFE A = 4 mm

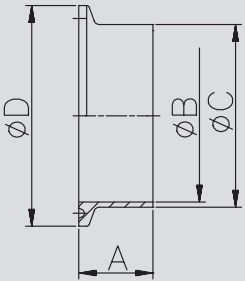
\* PTFE A = 4 mm

**1.02.08 Clamp-Verbindung TC** **1.02.08 clamp connection TC**

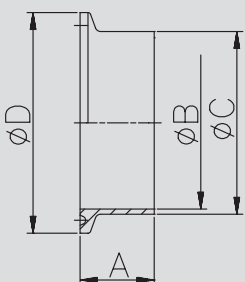
Clampstutzen (TC) DIN 32676-A-KK DIN	Art.-Nr. 18400-							AISI 304/304L-1.4301/1.4307				AISI 316L-1.4404			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	mm	mm	kg	blank	EUR	matt	EUR	blank	EUR	matt	EUR
	6	12,7	6,0	8,0	25,0		0,020	-0061	10,80	-0062	11,40	-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 10							DIN 32676-KL see chapter 10							



Clampstutzen (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	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 10							DIN 32676-KL see chapter 10							



Clampstutzen (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	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 10							DIN 32676-KL see chapter 10							



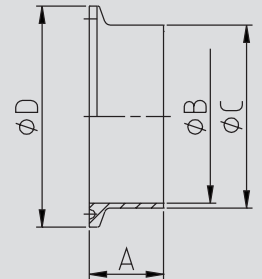
**1.02.09 Clamp-Verbindung TC**

**1.02.09 clamp connection TC**

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	
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)  
ISO 2852**

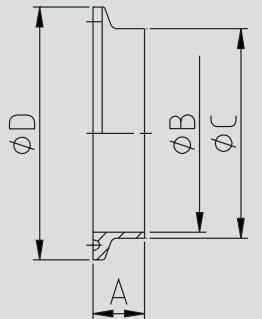
**ferrule (TC)  
ISO 2852**



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	
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**

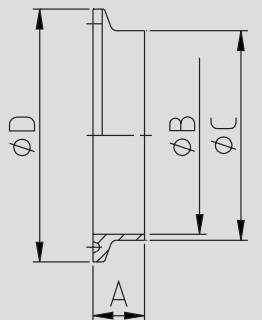
**ferrule (TC)  
short**



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	
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	

**Clampstutzen (TC)  
kurz (Zoll)**

**ferrule (TC)  
short (inch)**



**1.02.10 Clamp-Verbindung TC**

**1.02.10 clamp connection TC**

Blindclampstutzen (TC)  end cap (TC)	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	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	(+)	-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  
andere Werkstoffe auf Anfrage (stückzahlabhängig)

available in AISI 316L-1.4404  
other materials on request (depending on quantity)

Klammer (leicht)  clamp light type	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)	mm	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	172,50	-15122	175,95
	150/168,3	187,0	226,0	212,0	183,0	4	0,540	-16581	200,30	-16582	204,35
	200/219,1	238,0	280,0	268,0	233,5	4	0,720	-18581	249,95	-18582	254,95

D: für Flanschdurchmesser  
p: max. Betriebsdruck

D: for diameter of flange  
p: max. pressure

Klammer (massiv)  clamp heavy type	Art.-Nr. 1880-							AISI 304-1.4308			
	DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis
	mm	mm	mm	mm	p (bar)	mm	kg	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	-10341	47,50	-10342	48,45
	10-20	37,0	70,0	43,0	34,0	40	0,175	-00201	47,80	-00202	49,75
	25-40/1-1,5"/21,3-33,7	53,0	90,0	57,0	50,5	40	0,220	-11121	42,35	-11122	44,05
	50/2"/42,4-48,3	67,0	106,0	73,0	64,0	25	0,300	-12001	47,55	-12002	48,55
	2,5"/60,3	80,0	120,0	89,0	77,5	25	0,320	-12121	49,05	-12122	50,05
	65/3"/76,1	94,0	135,0	99,0	91,0	25	0,340	-13001	50,40	-13002	51,45
	80/88,9	109,0	149,0	118,0	106,0	16	0,430	-00801	50,40	-00802	51,45
	100/4"	122,0	162,0	127,0	119,0	16	0,370	-14001	51,20	-14002	52,25
	114,3	134,0	180,0	145,0	130,0	16	0,580	-14121	88,90	-14122	90,70
	125/139,7	159,0	220,0	169,0	155,0	10	1,170	-15121	262,75	-15122	268,05
	150/168,3	187,0	250,0	197,0	183,0	10	1,340	-16581	297,70	-16582	303,70
	200/219,1	238,0	305,0	249,0	233,5	10	1,650	-18581	341,65	-18582	348,50

D: für Flanschdurchmesser  
p: max. Betriebsdruck  
(+) Preis auf Anfrage

D: for diameter of flange  
p: max. pressure  
(+) price on inquiry

**1.02.11 Clamp-Verbindung TC**

**1.02.11 clamp connection TC**

**Art.-Nr. 18900-**

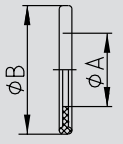
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
6	6,2	21,8				0,002	-0060100	(+)	-0060200	(+)	-0060300	(+)	-0060400	(+)
8	8,2	21,8				0,002	-0080100	(+)	-0080200	(+)	-0080300	(+)	-0080400	(+)
10	10,2	34,0				0,003	-0100100	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	1,80	-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 10.01

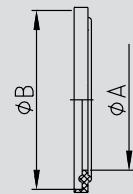
PTFE: see also at 10.01

**Clamp-Dichtung (TC) DIN**

**clamp gasket (TC) DIN**



6-8



**Art.-Nr. 18901-**

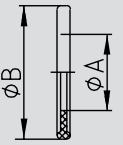
DN	A	B	C	D	E	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
0,25"	4,8	21,8				0,002	-0140100	(+)	-0140200	(+)	-0140300	(+)	-0140400	(+)
0,375"	8,0	21,8				0,002	-0380100	(+)	-0380200	(+)	-0380300	(+)	-0380400	(+)
0,5"	10,6	21,8				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	1,80	-1000200	1,50	-1000300	1,80	-1000400	12,90
1,5"	35,3	50,5				0,004	-1120100	1,80	-1120200	1,50	-1120300	1,80	-1120400	13,70
2"	48,0	64,0				0,005	-2000100	2,40	-2000200	2,00	-2000300	2,20	-2000400	14,55
2,5"	60,7	77,5				0,007	-2120100	2,65	-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 10.01

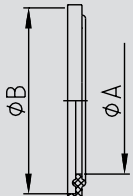
PTFE: see also at 10.01

**Clamp-Dichtung (TC) Zoll**

**clamp gasket (TC) inch**



1/4" - 3/4"



**Art.-Nr. 189-**

DN	A	B	C	D	Gew.	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
mm	mm	mm	mm	mm	kg	VMQ	EUR	NBR	EUR	EPDM	EUR	FKM	EUR
10,2	7,2	21,8			0,002	-180060100	(+)	-180060200	(+)	-180060300	(+)	-180060400	(+)
13,5	10,5	21,8			0,003	-180080100	(+)	-180080200	(+)	-180080300	(+)	-180080400	(+)
17,2	14,2	21,8			0,003	-180100100	(+)	-180100200	(+)	-180100300	(+)	-180100400	(+)
21,3	18,3	50,5			0,002	-180150100	(+)	-180150200	(+)	-180150300	(+)	-180150400	(+)
26,9	23,9	50,5			0,002	-080200100	2,70	-080200200	2,60	-080200300	4,80	-080200400	14,50
33,7	29,9	50,5			0,005	-080250100	2,70	-080250200	2,60	-080250300	3,00	-080250400	8,10
42,4	38,6	64,0			0,004	-180320100	(+)	-180320200	(+)	-180320300	(+)	-180320400	(+)
48,3	44,5	64,0			0,004	-080400100	3,70	-080400200	3,00	-080400300	3,70	-080400400	9,80
60,3	56,5	77,5			0,005	-080500100	5,35	-080500200	3,90	-080500300	4,20	-080500400	13,70
76,1	72,3	91,0			0,012	-080650100	5,90	-080650200	4,80	-080650300	5,60	-080650400	16,80
88,9	85,1	106,0			0,012	-080800100	6,90	-080800200	5,50	-080800300	6,00	-080800400	18,90
114,3	110,5	130,0			0,011	-081000100	23,20	-081000200	17,40	-081000300	20,60	-081000400	38,70
139,7	134,7	155,0			0,013	-081250100	26,20	-081250200	20,80	-081250300	23,30	-081250400	38,70
168,3	163,3	183,0			0,015	-081500100	30,90	-081500200	22,90	-081500300	26,50	-081500400	44,90
219,1	214,1	233,5			0,200	-082000100	44,30	-082000200	28,40	-082000300	31,10	-082000400	61,20

PTFE: siehe auch 10.01

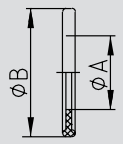
PTFE: see also at 10.01

(+) Preis auf Anfrage

(+) price on inquiry

**Clamp-Dichtung (TC) ISO**

**clamp gasket (TC) ISO**



10,2 - 17,2

