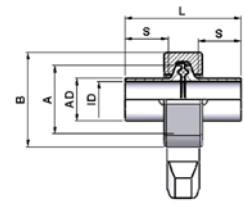


1.1 CLAMP-CONNECTION ACCORDING DIN32676

TECHNICAL DATA

Standard sizes	<ul style="list-style-type: none"> • DIN DN04 - DIN DN200 • ISO DN06 - ISO DN200 • OD 1/4" - 6"
Material	<p>Medium contacted:</p> <ul style="list-style-type: none"> • Ws. 1.4404 (316L) • Ws. 14435 BN2 (316L) • Special materials e.g. 1.4539, Hastelloy 2.4602, Titan etc. on request <p>Non medium contacted:</p> <ul style="list-style-type: none"> • 1.4301/1.4305 or equivalent
Gasket	<p>Standard gaskets:</p> <ul style="list-style-type: none"> • EPDM • Special materials on request
Surface quality	<p>Medium contacted:</p> <ul style="list-style-type: none"> • machined surface Ra < 0,6µm • elektro polished Ra < 0,5µm • elektro polished Ra < 0,25µm • other qualities on request <p>Non medium contacted:</p> <ul style="list-style-type: none"> • elektro polished Ra > 1,6µm
Tracability	Medium contacted material marked with material number and heat number
Media	Gases and liquids
Operating temperature	-20°C to +140°C See temperature resistance chart of gaskets
Operating pressure	<ul style="list-style-type: none"> • DIN DN04 - DIN DN40 = 25 bar • DIN DN50 – DIN DN65 = 16 bar • DIN DN80 – DN200 = 10 bar • ISO DN06 – DN32 = 25 bar • ISO DN40 – DN65 = 16 bar • ISO DN80 – DN200 = 10 bar • OD 1/4" – 1 1/2" = 25 bar • OD 2" – 3" = 16 bar • OD 3 1/2" – 6" = 16 bar
Operating temperature gaskets	• EPDM: -40°C to +90°C, temporary to +140°C
Applicable standards	<p>Pipe dimensions:</p> <ul style="list-style-type: none"> • DIN (DIN11866 dimension series A) • ISO (DIN11866 dimension series B) • OD (DIN11866 dimension series C)
Labelling	Ferrule etc.: company name, item number, size,, material, heat number Gasket: no labelling
Certification	<p>Medium contacted:</p> <ul style="list-style-type: none"> • EN 10204 / 3.1 <p>Medium contacted gaskets:</p> <ul style="list-style-type: none"> • FDA-conform, USP-Class VI, TSE-free according to selected gasket material or Customer preference

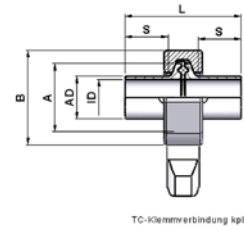


TC-Klemmverbindung kpl

1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.0 CLAMP-CONNECTION COMPLETE

Size	Item number	Pipe AD [mm]	Pipe ID [mm]	Length L [mm]	Diam. A [mm]						
DIN DN04	0100 1004 0000 0301	6.00	4.00	57,20	25.00						
DIN DN06	0100 1006 0000 0301	8.00	6.00	57,20	25.00						
DIN DN08	0100 1008 0000 0301	10.00	8.00	57,20	25.00						
DIN DN10	0100 1010 0000 0301	13.00	10.00	58,90	34.00						
DIN DN15	0100 1015 0000 0301	19.00	16.00	58,90	34.00						
DIN DN20	0100 1020 0000 0301	23.00	20.00	58,90	34.00						
DIN DN25	0100 1025 0000 0301	29.00	26.00	73,70	50.50						
DIN DN32	0100 1032 0000 0301	35.00	32.00	73,70	50.50						
DIN DN40	0100 1040 0000 0301	41.00	38.00	73,70	50.50						
DIN DN50	0100 1050 0000 0301	53.00	50.00	73,70	64.00						
DIN DN65	0100 1065 0000 0301	70.00	66.00	97,70	91.00						
DIN DN80	0100 1080 0000 0301	85.00	81.00	97,70	106.00						
DIN DN100	0100 1100 0000 0301	104.00	100.00	97,70	119.00						
DIN DN125	0100 1125 0000 0301	129.00	125.00	133,70	155.00						
DIN DN150	0100 1150 0000 0301	154.00	150.00	133,70	183.00						
DIN DN200	0100 1200 0000 0301	204.00	200.00	133,70	233.50						
ISO DN06	0100 2006 0000 0301	10.20	7.00	57,20	25.00						
ISO DN08	0100 2008 0000 0301	13.50	10.30	57,20	25.00						
ISO DN10	0100 2010 0000 0301	17.20	14.00	57,20	25.00						
ISO DN15	0100 2015 0000 0301	21.30	18.10	73,70	50.50						
ISO DN20	0100 2020 0000 0301	26.90	23.70	73,70	50.50						
ISO DN25	0100 2025 0000 0301	33.70	29.70	73,70	50.50						
ISO DN32	0100 2032 0000 0301	42.40	38.40	73,70	64.00						
ISO DN40	0100 2040 0000 0301	48.30	44.30	73,70	64.00						
ISO DN50	0100 2050 0000 0301	60.30	56.30	73,70	77.50						
ISO DN65	0100 2065 0000 0301	76.10	72.10	97,70	91.00						
ISO DN80	0100 2080 0000 0301	88.90	84.30	97,70	106.00						
ISO DN100	0100 2100 0000 0301	114.30	109.70	97,70	130.00						
ISO DN125	0100 2125 0000 0301	139.70	134.50	133,70	155.00						
ISO DN150	0100 2150 0000 0301	168.30	163.10	133,70	183.00						
ISO DN200	0100 2200 0000 0301	219.10	213.90	133,70	233.50						
OD 1/4"	0100 3002 0000 0301	6.35	4.57	57,20	25.00						
OD 3/8"	0100 3003 0000 0301	9.53	7.75	57,20	25.00						
OD 1/2"	0100 3005 0000 0301	12.70	9.40	57,20	25.00						
OD 3/4"	0100 3007 0000 0301	19.05	15.75	57,20	25.00						
OD 1"	0100 3010 0000 0301	25.40	22.10	73,70	50.50						
OD 1 1/2"	0100 3015 0000 0301	38.10	34.80	73,70	50.50						
OD 2 "	0100 3020 0000 0301	50.80	47.50	73,70	64,00						
OD 2 1/2"	0100 3025 0000 0301	63.50	60.20	97,70	77.50						
OD 3"	0100 3030 0000 0301	76.20	72.90	97,70	91.00						
OD 3 1/2"	0100 3035 0000 0301	88.90	84.30	97,70	106.00						
OD 4"	0100 3040 0000 0301	101.60	97.38	97,70	119.00						
OD 4 1/2"	0100 3045 0000 0301	114.30	109.10	97,70	130.00						
OD 5"	0100 3050 0000 0301	127.00	120.00	97,70	130.00						
OD 6"	0100 3060 0000 0301	152.40	146.86	133,70	167.00						



1.1 TRI-CLAMP-CONNECTION ACCORDING DIN32676

1.1.0 CLAMP-CONNECTION COMPLETE

Available materials:

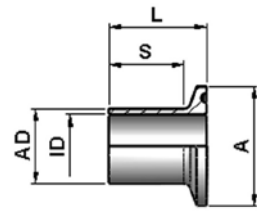
(Item-no. = 4. Block figure 1-3)

Item-No.	Material
020	1.4404
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface $Ra \leq 0,6\mu m$
1	electro polished $Ra \leq 0,5\mu m$
2	electro polished $Ra \leq 0,25\mu m$

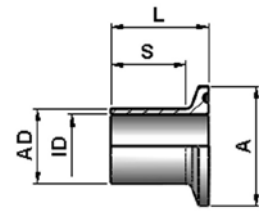


TC-Stuben

1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.1 CLAMP FERRULE

Size	Item number.	Pipe AD [mm]	Pipe ID [mm]	Length L [mm]	Diam. [mm]						
DIN DN04	0101 1004 0000 0301	6.00	4.00	28.60	25.00						
DIN DN06	0101 1006 0000 0301	8.00	6.00	28.60	25.00						
DIN DN08	0101 1008 0000 0301	10.00	8.00	28.60	25.00						
DIN DN10	0101 1010 0000 0301	13.00	10.00	28.60	34.00						
DIN DN15	0101 1015 0000 0301	19.00	16.00	28.60	34.00						
DIN DN20	0101 1020 0000 0301	23.00	20.00	28.60	34.00						
DIN DN25	0101 1025 0000 0301	29.00	26.00	36.00	50.50						
DIN DN32	0101 1032 0000 0301	35.00	32.00	36.00	50.50						
DIN DN40	0101 1040 0000 0301	41.00	38.00	36.00	50.50						
DIN DN50	0101 1050 0000 0301	53.00	50.00	36.00	64.00						
DIN DN65	0101 1065 0000 0301	70.00	66.00	48.00	91.00						
DIN DN80	0101 1080 0000 0301	85.00	81.00	48.00	106.00						
DIN DN100	0101 1100 0000 0301	104.00	100.00	48.00	119.00						
DIN DN125	0101 1125 0000 0301	129.00	125.00	66.00	155.00						
DIN DN150	0101 1150 0000 0301	154.00	150.00	66.00	183.00						
DIN DN200	0101 1200 0000 0301	204.00	200.00	66.00	233.50						
ISO DN06	0101 2006 0000 0301	10.20	7.00	28.60	25.00						
ISO DN08	0101 2008 0000 0301	13.50	10.30	28.60	25.00						
ISO DN10	0101 2010 0000 0301	17.20	14.00	28.60	25.00						
ISO DN15	0101 2015 0000 0301	21.30	18.10	36.00	50.50						
ISO DN20	0101 2020 0000 0301	26.90	23.70	36.00	50.50						
ISO DN25	0101 2025 0000 0301	33.70	29.70	36.00	50.50						
ISO DN32	0101 2032 0000 0301	42.40	38.40	36.00	64.00						
ISO DN40	0101 2040 0000 0301	48.30	44.30	36.00	64.00						
ISO DN50	0101 2050 0000 0301	60.30	56.30	36.00	77.50						
ISO DN65	0101 2065 0000 0301	76.10	72.10	48.00	91.00						
ISO DN80	0101 2080 0000 0301	88.90	84.30	48.00	106.00						
ISO DN100	0101 2100 0000 0301	114.30	109.70	48.00	130.00						
ISO DN125	0101 2125 0000 0301	139.70	134.50	66.00	155.00						
ISO DN150	0101 2150 0000 0301	168.30	163.10	66.00	183.00						
ISO DN200	0101 2200 0000 0301	219.10	213.90	66.00	233.50						
OD 1/4"	0101 3002 0000 0301	6.35	4.57	28.60	25.00						
OD 3/8"	0101 3003 0000 0301	9.53	7.75	28.60	25.00						
OD 1/2"	0101 3005 0000 0301	12.70	9.40	28.60	25.00						
OD 3/4"	0101 3007 0000 0301	19.05	15.75	28.60	25.00						
OD 1"	0101 3010 0000 0301	25.40	22.10	36.00	50.50						
OD 1 1/2"	0101 3015 0000 0301	38.10	34.80	36.00	50.50						
OD 2 "	0101 3020 0000 0301	50.80	47.50	36.00	64.00						
OD 2 1/2"	0101 3025 0000 0301	63.50	60.20	36.00	77.50						
OD 3"	0101 3030 0000 0301	76.20	72.90	48.00	91.00						
OD 3 1/2"	0101 3035 0000 0301	88.90	84.30	48.00	106.00						
OD 4"	0101 3040 0000 0301	101.60	97.38	48.00	119.00						
OD 4 1/2"	0101 3045 0000 0301	114.30	109.10	48.00	130.00						
OD 5"	0101 3050 0000 0301	127.00	120.00	48.00	144.50						
OD 6"	0101 3060 0000 0301	152.40	146.86	66.00	167.00						



TC-Stutzen

1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.1 CLAMP FERRULE

Available materials:

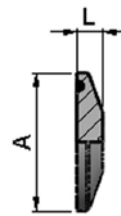
(Item-no. = 4. Block figure 1-3)

Item-No.	Material
020	1.4404
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface $Ra \leq 0,6\mu m$
1	electro polished $Ra \leq 0,5\mu m$
2	electro polished $Ra \leq 0,25\mu m$



TC-Blinddeckel

1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.2 CLAMP END CAP

Size	Item Number.	Length L [mm]	Diam. A [mm]									
DIN DN04-DN08 ISO DN06-DN10 OD 1/4"-3/4"	0102 1008 0000 0301	4.75	25.00									
DIN DN10-DN20	0102 1020 0000 0301	6.35	34.00									
DIN DN25-DN40 ISO DN15-DN25 OD 1"-1 1/2"	0102 1040 0000 0301	6.35	50.50									
DIN DN50 ISO DN32-DN40 OD 2"	0102 1050 0000 0301	6.35	64.00									
DIN DN65 ISO DN65 OD 3"	0102 1065 0000 0301	6.35	91.00									
DIN DN80 ISO DN80 OD 3 1/2"	0102 1080 0000 0301	6.35	106.00									
DIN DN100 OD 4"	0102 1100 0000 0301	8.00	119.00									
DIN DN125 ISO DN125	0102 1125 0000 0301	8.00	155.00									
DIN DN150 ISO DN150	0102 1150 0000 0301	14.00	183.00									
DIN DN200 ISO DN200	0102 1200 0000 0301	14.00	233.50									
ISO DN50 OD 2 1/2"	0102 2050 0000 0301	6.35	77.50									
ISO DN100 OD 4 1/2"	0102 2100 0000 0301	8.00	130.00									
OD 5"	0102 3050 0000 0301	8.00	144.50									
OD 6"	0102 3060 0000 0301	14.00	167.00									

Available materials:

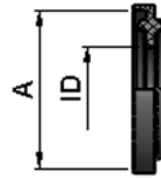
(Item-no. = 4. Block figure 1-3)

Item-No.	Material
020	1.4404
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface Ra<=0,6µm
1	electro polished Ra<=0,5µm
2	electro polished Ra<=0,25µm



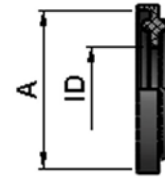
TC-Dichtung

1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.3 GASKET

Größe	Artikel-Nr.	Pipe ID [mm]	Diam. A [mm]										
DIN DN04	0192 1004 0000 1000	4.00	25.00										
DIN DN06	0192 1006 0000 1000	6.00	25.00										
DIN DN08	0192 1008 0000 1000	8.00	25.00										
DIN DN10	0192 1010 0000 1000	10.00	34.00										
DIN DN15	0192 1015 0000 1000	16.00	34.00										
DIN DN20	0192 1020 0000 1000	20.00	34.00										
DIN DN25	0192 1025 0000 1000	26.00	50.00										
DIN DN32	0192 1032 0000 1000	32.00	50.50										
DIN DN40	0192 1040 0000 1000	38.00	50.50										
DIN DN50	0192 1050 0000 1000	50.00	64.00										
DIN DN65	0192 1065 0000 1000	66.00	91.00										
DIN DN80	0192 1080 0000 1000	81.00	106.00										
DIN DN100	0192 1100 0000 1000	100.00	119.00										
DIN DN125	0192 1125 0000 1000	125.00	155.00										
DIN DN150	0192 1150 0000 1000	150.00	183.00										
DIN DN200	0192 1200 0000 0301	200.00	233.50										
ISO DN06	0192 2006 0000 1000	7.00	25.00										
ISO DN08	0192 2008 0000 1000	10.30	25.00										
ISO DN10	0192 2010 0000 1000	14.00	25.00										
ISO DN15	0192 2015 0000 1000	18.10	50.50										
ISO DN20	0192 2020 0000 1000	23.70	50.50										
ISO DN25	0192 2025 0000 1000	29.70	50.50										
ISO DN32	0192 2032 0000 1000	38.40	64.00										
ISO DN40	0192 2040 0000 1000	44.30	64.00										
ISO DN50	0192 2050 0000 1000	56.30	77.50										
ISO DN65	0192 2065 0000 1000	72.10	91.00										
ISO DN80	0192 2080 0000 1000	84.30	106.00										
ISO DN100	0192 2100 0000 1000	109.70	130.00										
ISO DN125	0192 2125 0000 1000	134.50	155.00										
ISO DN150	0192 2150 0000 1000	163.10	183.00										
ISO DN200	0192 2200 0000 0301	213.90	233.50										
OD 1/4"	0192 3002 0000 1000	4.57	25.00										
OD 3/8"	0192 3003 0000 1000	7.75	25.00										
OD 1/2"	0192 3005 0000 1000	9.40	25.00										
OD 3/4"	0192 3007 0000 1000	15.75	25.00										
OD 1"	0192 3010 0000 1000	22.10	50.50										
OD 1 1/2"	0192 3015 0000 1000	34.80	50.50										
OD 2"	0192 3020 0000 1000	47.50	64.00										
OD 2 1/2"	0192 3025 0000 1000	60.20	77.50										
OD 3"	0192 3030 0000 1000	72.90	91.00										
OD 3 1/2"	0192 3035 0000 1000	84.30	106.00										
OD 4"	0192 3040 0000 1000	101.60	119.00										
OD 4 1/2"	0192 3045 0000 1000	109.10	130.00										
OD 5"	0192 3050 0000 1000	120.00	144.50										
OD 6"	0192 3060 0000 1000	152.40	167.00										

Note: Actual data to collect at www.elpotech.de. Specifications and design are subject to change without notice. Date of revision: 05/2018



TC-Dichtung

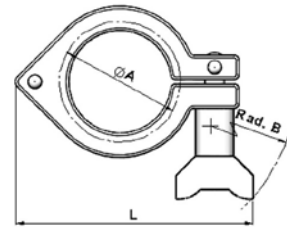
1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.3 GASKET

Available materials:

(Item-No. = 4. Block figure 1-4)

Item-No.	Material
1000	EPDM
1010	PTFE
1020	FKM (Viton)
1030	Silikon



Clamp-Verschlußklammer

1.1 CLAMP-CONNECTION ACCORDING DIN32676

1.1.4 CLAMP

Size	Item number	Diam. A [mm]										
DIN DN04-DN08 ISO DN06-DN10 OD 1/4"-3/4"	0191 1008 0000* 0138	25.00										
DIN DN10-DN20	0191 1020 0000* 0138	34.00										
DIN DN25-DN40 ISO DN15-DN25 OD 1"-1 1/2"	0191 1040 0000* 0138	50.50										
DIN DN50 ISO DN32-DN40 OD 2"	0191 1050 0000* 0138	64.00										
DIN DN65 ISO DN65 OD 3"	0191 1065 0000* 0138	91.00										
DIN DN80 ISO DN80 OD 3 1/2"	0191 1080 0000* 0138	106.00										
DIN DN100 OD 4"	0191 1100 0000* 0138	119.00										
DIN DN125 ISO DN125	0191 1125 0000* 0138	155.00										
DIN DN150 ISO DN150	0191 1150 0000* 0138	183.00										
DIN DN200 ISO DN200	0191 1200 0000* 0138	233.50										
ISO DN50 OD 2 1/2"	0191 2050 0000* 0138	77.50										
ISO DN100 OD 4 1/2"	0191 2100 0000* 0138	130.00										
OD 5"	0191 3050 0000* 0138	144.50										
OD 6"	0191 3060 0000* 0138	167.00										

Available materials:

(Item-no. = 4. Block figure 1-3)

Item-No.	Material
013	1.4408 (316)

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
8	cast surface
1	electro polished