

DATA SHEET

Type TVG002 TVG002 / TVU002



Push-in connectors

- M3 to M7, 1/8" to 3/4", threaded connection
- 3 to 22 mm push-in connection
- Brass
nickel-plated, stainless steel, plastic POM, plastic PBTP
- POM with FDA-Approval

Product variants described in the data sheet may differ from the product presentation and description.

Type description

- Straight push-in connector
- Basic threaded connector short, male
- Basic threaded connector long, male
- Bulkhead connectors
- Elbow connector
- T-connectors
- Y-connectors
- Reducer
- Single ring
- Dual ring
- Elbow threaded connection, rotatable
- T-connectors, plug
- Plug
- Pressure gauge plug connector
- Connector
- Straight reducing connector
- Elbow reducing connector
- Elbow connector
- T-reducing connector
- Tube plug
- Disassembly tool

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1. General technical data

Note:


- Other versions, connection, materials, seal materials on request
- Connectors with certification for drinking water (NSF) on request

Product properties	
Versions	
Brass nickel-plated	
Medium	Air, neutral gases
Medium temperature	- 10 to +70 °C
Seal material O-ring	NBR
Nominal pressure	max. 16 bar ^{1.)}
Stainless steel AISI 316	
Medium	Air, neutral gases
Medium temperature	-20 to +150 °C
Seal material O-ring	FKM
Nominal pressure	max. 20 bar ^{1.)}
POM (FDA-Zulassung)	
Medium	Air, neutral gases, fluids
Medium temperature	-20 to +70 °C
Seal material O-ring	NBR
Nominal pressure	max. 10 bar ^{1.)}
PBTP	
Medium	Air, neutral gases
Medium temperature	0 to +60 °C
Seal material O-ring	NBR
Nominal pressure	10 bar ^{1.)}

1.) Pressure values: Overpressure with respect to atmospheric pressure

2. Materials

2.1. Chemical Resistance Chart – Bürkert resistApp




Bürkert resistApp – Chemical Resistance Chart

You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

[Start Chemical Resistance Check](#)

3. Ordering information

3.1. Bürkert eShop – Easy ordering and quick delivery

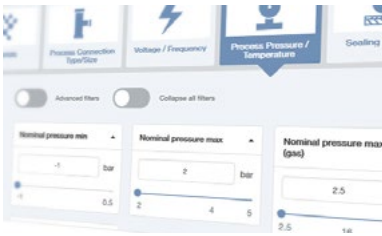


Bürkert eShop – Easy ordering and fast delivery

You want to find your desired Bürkert product or spare part quickly and order directly? Our online shop is available for you 24/7. Sign up and enjoy all the benefits.

[Order online now](#)

3.2. Bürkert product filter



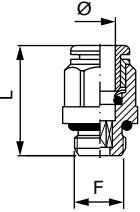
Bürkert product filter – Get quickly to the right product

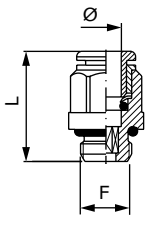











You want to select products comfortably based on your technical requirements? Use the Bürkert product filter and find suitable articles for your application quickly and easily.

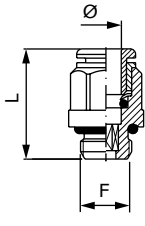










[Try out our product filter](#)

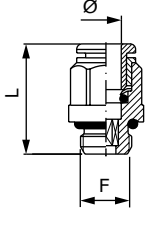














3.3. Ordering chart

Straight push-in connector with O-Ring

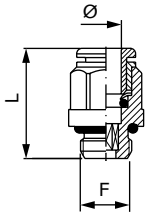
















TVG002, cylindrical	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]				
	Brass nickel-plated	Air	4	M3	16.4	1	782534
			4	M5	20.3	10	787810
			4	M5	21.9	10	780000
			4	M7	18.9	10	787811
			4	G 1/8	18.0	10	780001
			4	G 1/4	19.8	10	780002
			6	M5	21.9	10	780556
			6	M7	23.0	10	787813
			6	G 1/8	21.6	10	780003
			6	G 1/4	20.3	10	780004
			8	G 1/8	25.4	10	780005
			8	G 1/4	24.4	10	780006
			8	G 3/8	22.8	10	780007
			10	G 1/4	29.2	10	780008
			10	G 3/8	26.5	10	780009
			12	G 3/8	28.1	10	780010
12	G 1/2	29.3	10	780011			

TVG002, cylindrical	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]		[mm]		
	Stainless steel	Air, neutral gases	4	M5	24.4	1	787801 
			4	G 1/8	22.6	1	787802 
			4	G 1/4	24.1	1	771473 
			6	G 1/8	24.6	1	787800 
			6	G 1/4	24.6	1	787803 
			8	G 1/8	27.6	1	787804 
			8	G 1/4	26.6	1	787805 
			10	G 1/4	29.6	1	789532 
			10	G 3/8	26.8	1	771474 
			12	G 3/8	31.0	1	771475 
			12	G 1/2	30.5	1	771476 

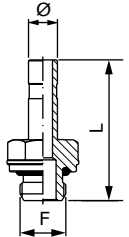















TVG002, conical, without O-Ring	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]		[mm]		
	Stainless steel	Air, neutral gases	4	R 1/8	18.6	1	771609 
			4	R 1/4	23.0	1	771610 
			6	R 1/8	23.7	1	771611 
			6	R 1/4	23.7	1	771612 
			8	R 1/8	26.7	1	771613 
			8	R 1/4	27.7	1	771614 
			10	R 1/4	29.0	1	787806 
			10	R 3/8	27.7	1	787807 
			12	R 3/8	30.9	1	787808 
			12	R 1/2	32.4	1	787809 

TVU002, cylindrical	Material	Medien	Diameter	F	L	Packaging unit	Article no.
			[mm]		[mm]		
	POM	Air, water	4	G 1/4	24.0	10	782298 
			6	G 1/8	25.5	10	782296 
			6	G 1/4	24.0	10	782299 
			8	G 1/8	25.5	10	782297 
			8	G 1/4	24.0	10	782300 
			8	G 3/8	25.5	10	782302 
			10	G 1/4	31.0	10	782301 
			10	G 3/8	28.5	10	782303 
			10	G 1/2	30.5	1	782305 
			12	G 3/8	30.5	1	782304 
			12	G 1/2	34.5	1	782306 
			15	G 1/2	38.5	1	782307 
			18	G 1/2	58.5	1	782308 
			22	G 3/4	61.0	1	782309 

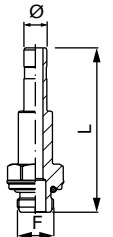








Straight plug-in connector, general pneumatic duty, with O-Ring

TVG002, cylindrical	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]				
	Brass nickel-plated	Air, neutral gases	4	G 1/8	22.1	10	771499 
			4	G 1/4	21.4	10	771500 
			6	G 1/8	23.2	10	771501 
			6	G 1/4	23.5	10	771502 
			6	G 3/8	20.5	10	771503 
			8	G 1/8	25.5	10	771504 
			8	G 1/4	24.5	10	771505 
			8	G 3/8	21.0	10	771506 
			8	G 1/2	24.5	10	771507 
			10	G 1/8	29.2	10	771508 
			10	G 1/4	30.9	10	771509 
			10	G 3/8	27.2	10	771510 
			10	G 1/2	30.4	10	771511 
			12	G 1/4	33.5	10	771512 
			12	G 3/8	28.5	10	771513 
12	G 1/2	31.0	10	771514 			

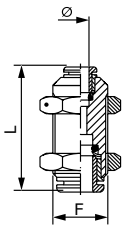





Basic connector, short, male, threaded, with O-Ring

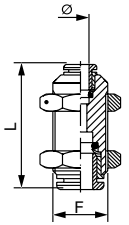







TVG002, cylindrical	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]				
	Brass nickel-plated	Air	4	M5	25.2	10	780023 
			4	G 1/8	28.9	10	780024 
			4	G 1/4	32.4	10	780025 
			6	M5	25.7	10	780022 
			6	G 1/8	29.4	10	780026 
			6	G 1/4	32.9	10	780027 
			8	G 1/8	30.6	10	780028 
			8	G 1/4	34.0	10	780029 
			8	G 3/8	35.4	10	780030 
			4	M7	26.5	10	787832 
			10	G 1/4	38.2	10	780031 
			6	M7	25.8	10	787833 
			10	G 3/8	38.7	10	780032 
			12	G 3/8	42.2	10	780033 
			12	G 1/2	44.2	10	780034 

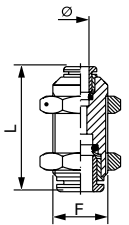





Basic connector, long, male, threaded, with O-Ring

TVG002, cylindrical	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]				
	Brass nickel-plated	Air	4	G 1/8	40.4	10	780094 
			6	G 1/8	43.4	10	780095 
			6	G 1/4	46.9	10	780096 
			8	G 1/8	46.5	10	780097 
			8	G 1/4	50.0	10	780098 
			8	G 3/8	51.4	10	780099 
			10	G 1/4	54.6	10	780100 
			10	G 3/8	56.1	10	780101 

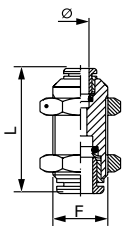





Bulkhead connector

TVG002 	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]		[mm]	[pieces]	
	Brass nickel-plated	Air	4	M11 × 1	30.6	1	780048 
			6	M13 × 1	33.0	1	780049 
			8	M15 × 1	35.7	1	780050 
			10	M17 × 1	39.2	1	780051 
			12	M20 × 1	40.7	1	780052 

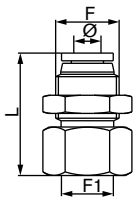










TVG002 	Material	Medium	Diameter	F	L	Packaging unit	Article no.
			[mm]		[mm]	[pieces]	
	Stainless steel	Air	4	M11 × 0.75	33.0	1	787834 
			6	M14 × 1	35.0	1	787835 
			8	M16 × 1	36.0	1	787836 
			10	M18 × 1	42.0	1	787837 
			12	M22 × 1.5	46.4	1	787838 
			14	M24 × 1.5	48.4	1	773250 
			16	M26 × 1.5	48.4	1	773232 

TVU002 	Material	Medium	Diameter	F BSP- Thread	L	Packaging unit	Article no.
			[mm]		[mm]	[pieces]	
	POM	Air, water	4	G 3/8	35.0	1	782339 
			6	G 1/2	34.0	1	782340 
			8	G 1/2	40.0	1	782341 
			10	G 1/2	41.0	1	782342 
			12	G 3/4	52.0	1	782343 

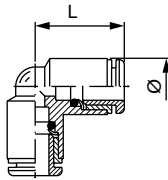





Bulkhead connector, light

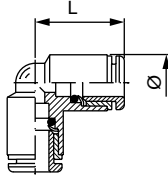





TVG002 	Material	Medium	Diameter	F Thread	L	Packaging unit	Article no.
			[mm]		[mm]	[pieces]	
	Brass nickel-plated	Air, neutral gases	4	M12 × 1.0	30.0	10	771563 
			6	M14 × 1.0	31.5	10	771564 
			8	M16 × 1.0	34.5	10	771565 
			10	M20 × 1.0	41.0	10	771566 
			12	M22 × 1.0	44.8	5	771567 

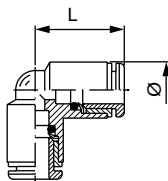






Bulkhead connector, female

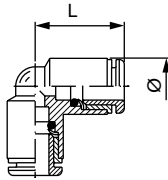





TVG002 cylindrical	Material	Medium	Diameter	F1 Thread con- nection	F Thread	L	Packaging unit	Article no.
			[mm]			[mm]		
	Brass nickel-plated	Air, neutral gases	4	G 1/8	M12 x 1.0	23.7	10	771619 
			4	G 1/4	M12 x 1.0	27.0	10	771620 
			6	G 1/8	M14 x 1.0	24.7	10	771621 
			6	G 1/4	M14 x 1.0	27.0	10	771622 
			8	G 1/4	M16 x 1.0	29.0	10	770952 
			8	G 3/8	M16 x 1.0	28.8	10	771624 
			10	G 1/4	M20 x 1.0	32.6	10	770953 
			10	G 3/8	M20 x 1.0	33.8	10	771626 
			12	G 3/8	M22 x 1.0	34.6	10	771627 
			12	G 1/2	M22 x 1.0	37.0	5	771628 

Elbow connector

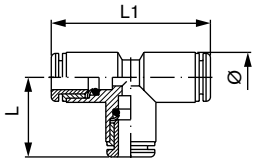
TVG002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	Brass nickel-plated	Air	4	16.7	10	780012 
			6	19.0	10	780013 
			8	21.3	10	780014 
			10	23.3	1	780015 
			12	26.0	1	780016 

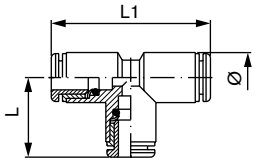
TVG002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	Stainless steel	Air	4	16.2	1	787818 
			6	20.6	1	787819 
			8	21.4	1	787820 
			10	24.6	1	787821 
			12	25.6	1	787822 

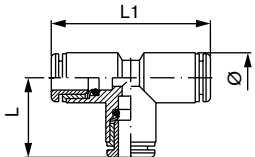
TVU002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	POM	Air, water	4	24.0	10	782379 
			6	27.0	10	782380 
			8	30.0	10	782381 
			10	35.0	1	782382 
			12	44.0	1	782383 
			15	50.0	1	782384 

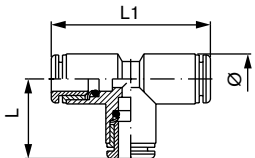
TVG002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	PBTP plastic	Air, neutral gases	4	24.0	10	771573 
			6	25.5	10	771574 
			8	29.6	10	771575 
			10	36.7	10	771576 
			12	39.8	10	771577 

T-connector

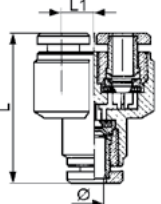
TVG002 	Material	Medium	Diameter	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	Brass nickel-plated	Air	4	16.7	33.4	1	780017
			6	19.0	38.0	1	780018
			8	21.3	42.6	1	780019
			10	23.3	46.6	1	780020
			12	26.0	52.0	1	780021

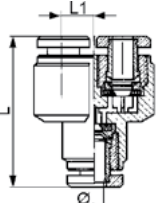
TVG002 	Material	Medium	Diameter	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	Stainless steel	Air	4	16.4	32.8	1	787827
			6	20.6	41.2	1	787828
			8	21.4	42.8	1	787829
			10	24.6	49.2	1	787830
			12	25.6	51.2	1	787831

TVU002 	Material	Medium	Diameter	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	POM	Air, water	4	18.0	35.0	10	782387
			6	18.0	40.0	10	782388
			8	20.0	42.0	10	782389
			10	21.0	50.0	1	782390
			12	25.0	65.0	1	782391
			15	32.0	73.0	1	782392

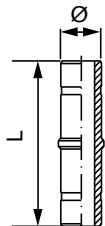





TVG002 	Material	Medium	Diameter	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	PBTP plastic	Air, neutral gases	4	18.6	24.0	10	771578
			6	19.3	25.5	10	771579
			8	22.4	29.6	10	771580
			10	28.6	36.7	5	771581
			12	28.8	39.8	5	771582

Y-connector

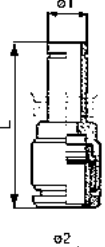








TVU002 	Material	Medium	Diameter	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	POM	Air, water	4	37.0	7.5	10	782395
			6	35.5	9.0	1	782396
			8	50.0	10.8	1	782397

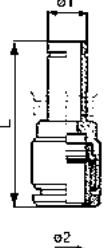






TVG002 	Material	Medium	Diameter	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	PBTP plastic	Air, neutral gases	4	32.5	22.2	10	771591
			6	37.0	26.0	10	771592
			8	39.4	29.6	10	771593
			10	50.2	37.2	5	771594
			12	59.2	42.6	5	771595

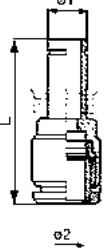








Connector

TVG002 	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]	[mm]	[pieces]	
	Brass nickel-plated	Air	4	34.0	10	780035 
			6	37.5	10	780036 
			8	37.5	10	780037 
			10	45.0	10	780038 
			12	48.0	10	780039 

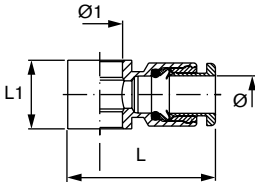
Reducer

TVG002 	Material	Medium	Diameter 1	Diameter 2	L	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	Brass nickel-plated	Air	6	4	29.9	10	780040 
			8	4	29.9	10	780041 
			8	6	31.9	10	780042 
			10	6	36.2	10	780043 
			10	8	40.8	10	780044 
			12	6	42.0	10	780046 
			12	8	40.1	10	780047 
			12	10	44.3	10	781013 

TVG002 	Material	Medium	Diameter 1	Diameter 2	L	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	Stainless steel	Air, neutral gases	6	4	35.6	1	771477 
			8	4	35.6	1	771478 
			8	6	42.1	1	771479 
			10	6	43.1	1	771480 
			10	8	43.1	1	771481 
			12	10	46.6	1	771482 

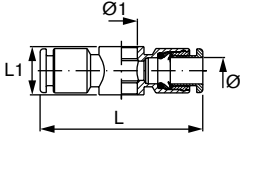
TVG002 	Material	Medium	Diameter 1	Diameter 2	L	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
	PBTP plastic	Air, neutral gases	6	4	36.5	10	771596 
			8	4	37.0	10	771597 
			8	6	41.6	10	771598 
			10	6	43.6	10	771599 
			10	8	45.6	10	771600 
			12	6	46.6	10	771601 
			12	8	47.6	10	771602 
			12	10	52.0	10	771603 

Single ring

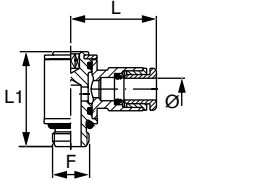
TVG002 	Material	Medium	Diameter	For banjo bolt	L	L1	Packaging unit	Article no.
			[mm]		[mm]	[mm]		
Brass nick- el-plated	Air	4	G 1/8	21.3	15.0	10	780062	
		6	G 1/8	23.0	15.0	10	780063	
		6	G 1/4	24.5	17.0	10	780064	
		8	G 1/8	24.8	15.0	10	780065	
		8	G 1/4	26.5	17.0	10	780066	
		8	G 3/8	28.5	20.0	1	780067	
		10	G 1/4	31.4	17.0	1	780068	
		10	G 3/8	32.8	20.0	1	780069	
		12	G 3/8	35.3	20.0	1	780070	
		12	G 1/2	37.0	24.0	1	780504	

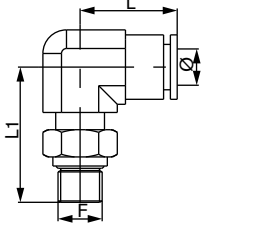
Dual ring

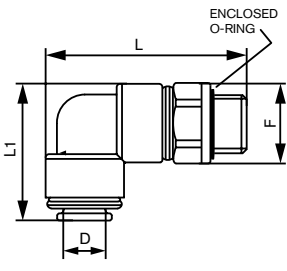

















Note:
Banjo bolts, see TVG003 ▶

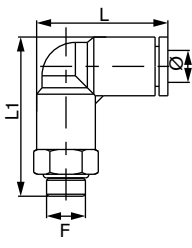
















TVG002 	Material	Medium	Diameter	For banjo bolt	L	L1	Packaging unit	Article no.
			[mm]		[mm]	[mm]		
Brass nick- el-plated	Air	4	G 1/8	42.6	15.0	1	780071	
		6	G 1/8	46.0	15.0	1	780072	
		6	G 1/4	49.0	17.0	1	780073	
		8	G 1/8	49.6	15.0	1	780074	
		8	G 1/4	53.0	17.0	1	780075	
		8	G 3/8	57.0	20.0	1	780076	
		10	G 1/4	62.8	17.0	1	780077	
		10	G 3/8	65.5	20.0	1	780078	

Elbow threaded connection, rotatable, with O-Ring

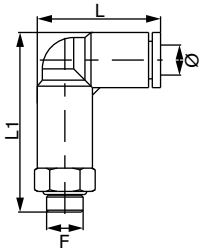
















TVG002, cylindrical 	Material	Medium	Diameter	F	L	L1	Packaging unit	Article no.
			[mm]		[mm]	[mm]		
Brass nick- el-plated	Air	4	M5	20.2	18.4	1	780080	
		4	G 1/8	21.3	24.9	1	780081	
		6	M5	23.5	18.4	1	787814	
		6	G 1/8	23.0	24.9	1	780082	
		6	G 1/4	24.5	29.4	1	780083	
		8	G 1/8	24.8	24.9	1	780086	
		8	G 1/4	26.5	25.4	1	780084	
		10	G 1/4	31.4	29.4	1	780085	

TVG002, cylindrical 	Material	Medium	Diameter	F	L	L1	Packaging unit	Article no.
			[mm]		[mm]	[mm]		
Stainless steel	Air, neutral gases	4	M5	17.1	26.5	1	771488	
		4	G 1/8	17.1	26.9	1	771489	
		4	G 1/4	17.1	28.9	1	771490	
		6	G 1/8	20.6	27.8	1	770757	
		6	G 1/4	20.6	30.0	1	770758	
		8	G 1/8	21.4	29.8	1	771491	
		8	G 1/4	21.4	32.0	1	771492	
		8	G 3/8	21.4	32.0	1	771493	
		10	G 3/8	24.6	33.1	1	771494	
		12	G 3/8	25.6	35.8	1	771495	
		12	G 1/2	25.6	38.8	1	771496	

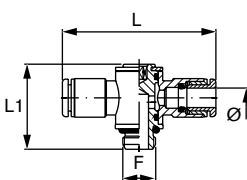







TVU002, cylindrical	Material	Medium	Diameter	F	L	L1	Packaging unit [pieces]	Article no.
			[mm]		[mm]	[mm]		
	POM	Air, water	4	G 1/8	35.5	24.0	10	782344 
			4	G 1/4	39.0	24.0	10	782347 
			6	G 1/8	39.5	27.0	10	782345 
			6	G 1/4	43.0	27.0	10	782348 
			8	G 1/8	41.5	30.0	10	782346 
			8	G 1/4	45.0	30.0	10	782349 
			8	G 3/8	46.5	30.0	1	782351 
			10	G 1/4	50.0	35.0	1	782350 
			10	G 3/8	51.5	35.0	1	782352 
			10	G 1/2	54.5	35.0	1	782355 
			12	G 3/8	59.5	44.0	1	782353 
			12	G 1/2	62.5	44.0	1	782356 
			15	G 3/8	auf Anfrage	1	782354 	
			15	G 1/2		1	782357 	
			18	G 1/2	1	782358 		
			22	G 1/2	1	782359 		
22	G 3/4	1	782360 					

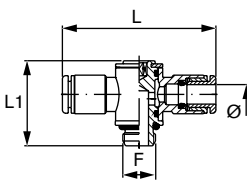












TVG002, cylindrical	Material	Medium	Diameter	F	L	L1	Packaging unit [pieces]	Article no.
			[mm]		[mm]	[mm]		
	PBTP plastic	Air, neutral gases	4	G 1/8	22.1	30.3	10	771515 
			4	G 1/4	21.4	32.0	10	771516 
			6	G 1/8	23.2	32.3	10	771517 
			6	G 1/4	23.5	34.8	10	771518 
			6	G 3/8	20.5	36.2	10	771519 
			8	G 1/8	25.5	32.5	10	771520 
			8	G 1/4	24.5	32.5	10	771521 
			8	G 3/8	21.0	37.5	10	771522 
			8	G 1/2	24.5	40.0	10	771523 
			10	G 1/8	29.2	38.9	10	771524 
			10	G 1/4	30.9	42.5	10	771525 
			10	G 3/8	27.2	44.1	10	771526 
			10	G 1/2	30.4	46.9	5	771527 
			12	G 1/4	33.5	44.5	5	771528 
			12	G 3/8	28.5	46.6	5	771529 
			12	G 1/2	31.0	49.6	5	771530 

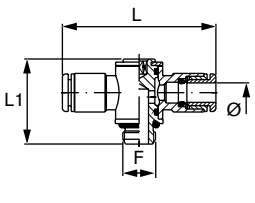
















Elbow connector, long version, male, rotatable, threaded, with O-Ring

TVG002, cylindrical	Material	Medium	Diameter	F	L	L1	Packaging unit	Article no.
			[mm]					
	PBTP plastic	Air, neutral gases	4	G 1/8	24.0	42.0	10	771531 
			4	G 1/4	24.0	44.0	10	771532 
			6	G 1/8	25.2	45.8	10	771533 
			6	G 1/4	25.2	47.8	10	771534 
			6	G 3/8	25.2	49.0	10	771535 
			8	G 1/8	30.5	48.0	10	771536 
			8	G 1/4	30.5	51.3	10	771537 
			8	G 3/8	30.5	52.6	5	771538 
			8	G 1/2	30.5	51.7	5	771539 
			10	G 1/8	37.4	57.4	5	771540 
			10	G 1/4	37.4	59.2	5	771541 
			10	G 3/8	37.4	60.8	5	771542 
			10	G 1/2	37.4	65.8	5	771543 
			12	G 1/4	40.4	66.0	5	771544 
			12	G 3/8	40.4	67.6	5	771545 
12	G 1/2	40.4	73.1	5	771546 			

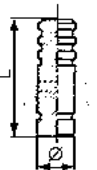





T-connector, rotatable, threaded, with O-Ring

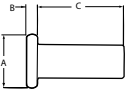








TVG002, cylindrical	Material	Medium	Diameter	F	L	L1	Packaging unit	Article no.
			[mm]					
	Brass nick- el-plated	Air	4	M5	40.4	18.4	1	780087 
			4	G 1/8	42.6	24.9	1	780088 
			6	G 1/8	46.0	24.9	1	780089 
			6	G 1/4	49.0	29.4	1	780090 
			8	G 1/8	49.6	24.9	1	780093 
			8	G 1/4	53.0	29.4	1	780091 
			10	G 1/4	62.8	29.4	1	780092 

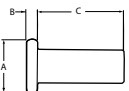





TVU002, cylindrical	Material	Medium	Diameter	F	L	L1	Packaging unit	Article no.
			[mm]					
	POM	Air, water	4	G 1/8	35.0	35.5	10	782361 
			4	G 1/4	35.0	39.0	10	782364 
			6	G 1/8	40.0	38.5	10	782362 
			6	G 1/4	40.0	42.0	10	782365 
			8	G 1/8	42.0	41.5	1	782363 
			8	G 1/4	42.0	45.0	1	782366 
			8	G 3/8	42.0	46.5	1	782368 
			10	G 1/4	50.0	50.0	1	782367 
			10	G 3/8	50.0	51.5	1	782369 
			10	G 1/2	50.0	56.0	1	782372 
			12	G 3/8	65.0	51.5	1	782370 
			12	G 1/2	65.0	62.5	1	782373 

TVG002, cylindrical	Material	Medium	Diameter	F	L	L1	Packaging unit	Article no.
			[mm]					
	PBTP plastic	Air, neutral gases	4	G 1/8	36.6	30.3	10	771547 
			4	G 1/4	36.6	32.0	10	771548 
			6	G 1/8	37.8	32.3	10	771549 
			6	G 1/4	37.8	34.8	10	771550 
			6	G 3/8	37.8	36.2	10	771551 
			8	G 1/8	45.0	32.5	10	771552 
			8	G 1/4	45.0	35.5	10	771553 
			8	G 3/8	45.0	37.5	10	771554 
			8	G 1/2	45.0	40.0	5	771555 
			10	G 1/8	55.4	38.9	5	771556 
			10	G 1/4	55.4	42.5	5	771557 
			10	G 3/8	55.4	44.1	5	771558 
			10	G 1/2	55.4	46.9	5	771559 
			12	G 1/4	59.0	44.5	5	771560 
			12	G 3/8	59.0	46.6	5	771561 
12	G 1/2	59.0	49.6	5	771562 			

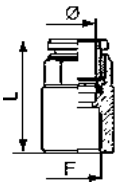
Plug

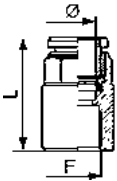
TVG002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	Brass nickel-plated	Air	4	27.0	10	781664 
			6	29.5	10	781665 
			8	34.0	10	781666 
			10	36.0	10	781667 
			12	37.0	10	781668 

TVU002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	POM	Air, water	4	25.4	10	782398 
			6	26.2	10	782399 
			8	26.9	10	782400 
			10	31.2	10	782401 
			12	33.9	10	782402 
			15	40.0	10	782403 
			18	40.0	10	782404 
			22	40.3	1	782405 

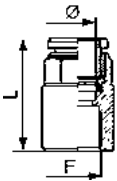
TVG002	Material	Medium	Diameter	L	Packaging unit	Article no.
			[mm]			
	PBTP plastic	Air, neutral gases	4	30.0	10	771604 
			6	34.0	10	771605 
			8	38.0	10	771606 
			10	42.0	10	771607 
			12	46.0	10	771608 

Straight push-in connector, female

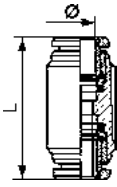
TVG002, cylindrical 	Material	Medium	Diameter [mm]	F	L [mm]	Packaging unit [pieces]	Article no.
	Brass nickel-plated	Air	3	M5	15.7	10	787840
4			G 1/8	26.2	10	782275	
4			G 1/4	28.6	10	782278	
6			G 1/8	27.1	10	782276	
6			G 1/4	29.3	10	782279	
8			G 1/8	28.1	10	782277	
8			G 1/4	30.0	10	782280	

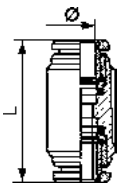
TVU002, cylindrical 	Material	Medium	Diameter [mm]	F	L [mm]	Packaging unit [pieces]	Article no.
	POM	Air, water	4	G 1/8	28.0	10	782406
6			G 1/8	31.0	10	782407	
6			G 1/4	32.0	10	782408	

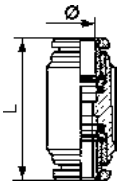
Straight push-in connector, female, light

TVG002, cylindrical 	Material	Medium	Diameter [mm]	F	L [mm]	Packaging unit [pieces]	Article no.
	Brass nickel-plated	Air, neutral gases	4	G 1/8	24.0	10	771587
6			G 1/4	24.0	10	771588	
8			G 1/4	28.2	10	771589	
10			G 3/8	33.2	10	771590	

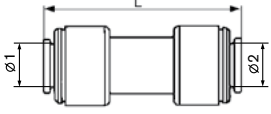
Connector

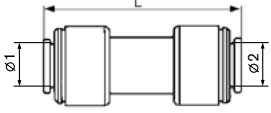
TVG002 	Material	Medium	Diameter [mm]	L [mm]	Packaging unit [pieces]	Article no.
	Brass nickel-plated	Air	3	18.4	1	787841
4			30.6	10	787842	
6			33.0	10	782282	
8			35.7	10	782283	
10			39.2	1	782284	
12			40.7	1	782285	

TVG002 	Material	Medium	Diameter [mm]	L [mm]	Packaging unit [pieces]	Article no.
	Stainless steel	Air, neutral gases	4	29.2	1	771483
6			34.6	1	771484	
8			35.7	1	771485	
10			37.8	1	771486	
12			40.8	1	771487	

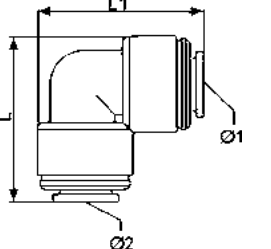
TVG002 	Material	Medium	Diameter [mm]	L [mm]	Packaging unit [pieces]	Article no.
	PBTP plastic	Air, neutral gases	4	32.6	10	771568
6			35.0	10	771569	
8			36.5	10	771570	
10			47.6	10	771571	
12			48.8	10	771572	

Straight reducing connector

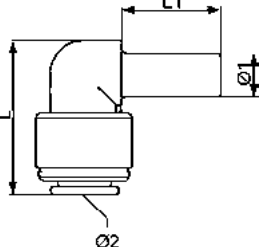
TVU002 	Material	Medium	Diameter 1	Diameter 2	L	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
POM	Air, water	6	4	35.0	10	782430	
		8	4	42.0	10	782431	
		8	6	42.0	10	782432	
		10	4	42.0	10	782433	
		10	6	42.0	10	782434	
		10	8	42.0	10	782435	
		12	8	53.0	10	782436	
		12	10	54.0	1	782437	

TVG002 	Material	Medium	Diameter 1	Diameter 2	L	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[pieces]	
PBTP Plastic	Air, neutral gases	6	4	35.5	10	771583	
		8	6	36.7	10	771584	
		10	8	43.4	10	771585	
		12	10	45.4	10	771586	

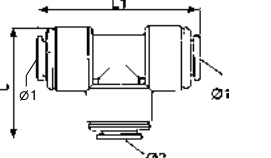
Elbow reducing connector

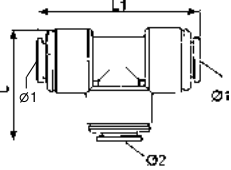
TVU002 	Material	Medium	Diameter 1	Diameter 2	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[mm]	[pieces]	
POM	Air, water	6	4	27.0	27.0	10	782438	
		8	4	30.0	29.0	10	782439	
		8	6	30.0	29.0	10	782440	
		10	4	35.0	34.0	1	782441	
		10	6	35.0	34.0	1	782442	
		10	8	35.0	35.0	1	782443	
		12	8	43.0	41.0	1	782444	
		12	10	45.0	43.0	1	782445	

Elbow connector

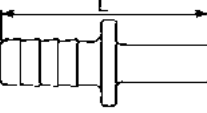
TVU002 	Material	Medium	Diameter 1	Diameter 2	L	L1	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[mm]	[pieces]	
POM	Air, water	4	4	22.0	17.0	10	782446	
		6	6	25.0	18.0	10	782447	
		8	8	27.0	19.0	10	782448	
		10	10	33.0	24.0	10	782449	
		12	12	39.0	28.0	1	782450	
		15	15	51.0	34.0	1	782451	
		18	18	53.0	32.0	1	782452	

T-reducing connector

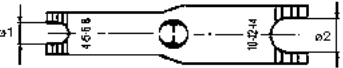
TVU002 	Material	Medium	Diameter 1	Diameter 2	L1	L	Packaging unit	Article no.
			[mm]	[mm]	[mm]	[mm]	[pieces]	
POM	Air, water	18	15	87.0	56.0	1	782456	
		22	15	90.0	60.0	1	782457	

TVG002 	Material	Medium	Diameter 1 [mm]	Diameter 2 [mm]	L [mm]	L [mm]	Packaging unit [pieces]	Article no.
	PBTP plastic	Air, neutral gases	6	4	41.6	25.4	10	771629
		8	6	46.1	29.4	10	771630	
		10	6	49.2	31.9	10	771631	
		10	8	49.2	33.5	10	771632	
		12	8	56.0	35.8	5	771633	
		12	10	56.0	37.6	5	771634	

Tube plug

TVU002 	Material	Medium	Rohr, außen [mm]	Rohr, innen [mm]	L [mm]	Packaging unit [pieces]	Article no.
	POM	Air, water	6	4	42.0	10	782453
		8	6	43.1	10	782454	
		10	8	50.0	10	782455	

Disassembly tool, 4 to 14 mm

TVU002 	Material	L [mm]	Packaging unit [pieces]	Article no.
	Brass nickel-plated	95.0	1	780109

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