

PNEUFIT 10 series

Push-in fittings



- > Port size: Ø 4 ... 16 mm
O/D tube, ISO G, ISO R,
ISO Rc and NPT threads
- > All BSP taper threads
pre-coated with non-
PTFE based sealant
- > Very compact units
- > Straight adaptors
feature internal
hexagon for allen key
- > Easy tube insertion
for rapid assembly of
pneumatic circuits
- > Silicon free, O-rings
- > Positive tube anchorage



Technical features

Medium:

Compressed air
(For other media please consult
Technical Department)

Operating pressure:

Vacuum -18 bar (... 261 psi)
(Dependent upon operating
specification of tubing)

Standard:

Conforms to BS ISO 14743

Vacuum:

-750 mm of Hg i.e. 98%

Ambient/Media temperature:

-20°C ... +80°C (-4 ... 176 °F)

"Special" low temperature
options contact Norgren
Technical service

Tube sizes:

4, 5, 6, 8, 10, 12, 14, 16 mm O/D

Tubing types:

PA 11 or 12, PUR and other
plasticised or unplasticised
tubing which conforms to the
tolerances specified in BS 5409,
Part 1, 1976, light and normal
duty, DIN 73378, DIN 74234,
NFE 49-100

Materials:

Body: Nickel plated brass body

Collet: Nickel plated brass:

O-rings: VMQ free NBR

(FKM on request)

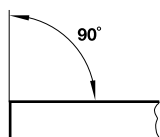
Washer (Banjo): PA

Thread sealant: Non - PTFE

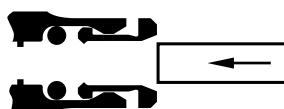
thread sealant (taper threads)

Elbow flow controls and function
fittings: See individual product
details

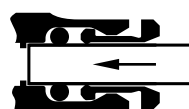
Method of assembly



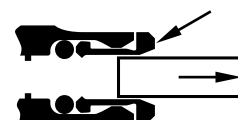
1. Ensure that the end of the
tube is cut square and is free
from burrs.



2. Push the tube through the
collet into the fitting.

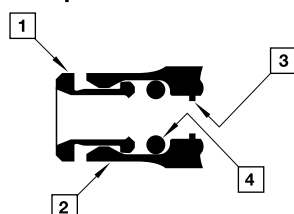


3. Continue pushing the tube
through the 'O'-ring until
it bottoms on the tube
stop then pull back.



4. To disconnect push the tube
into the fitting, hold down the
collet and withdraw the tube.

Components

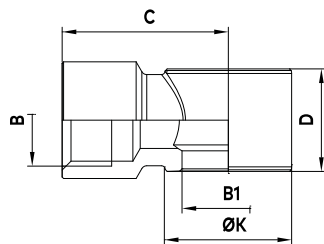


- 1 Collet
- 2 Body
- 3 Tube stop
- 4 'O'-ring

Option selector

Thread type	10 ★★★★★★	Thread size/tube size
Shape		Thread size/tube size

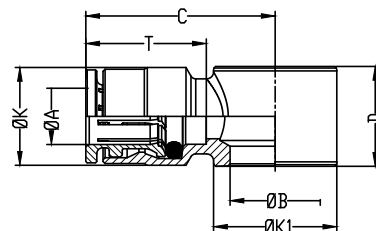
Banjo elbow body to BSP parallel 16051



B	Bolt size B	ØB1	ØK	D	C	Weight (g)	Model
G1/8	G1/8	9,8	14	14,5	20	14	160511818Z
G1/4	G1/4	13,2	18	14,5	23,5	21	160512828Z
G3/8	G3/8	16,7	21	14,5	26,5	27	160513838Z
G1/2	G1/2	21	44	14,5	34	44	160514848Z

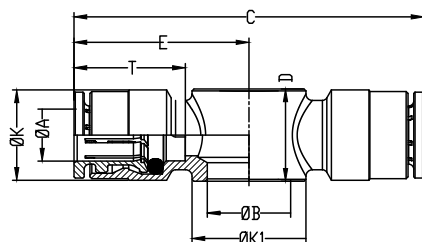
Banjo elbow body to tube push-in 10051

Dimensions in mm
Projection/First angle



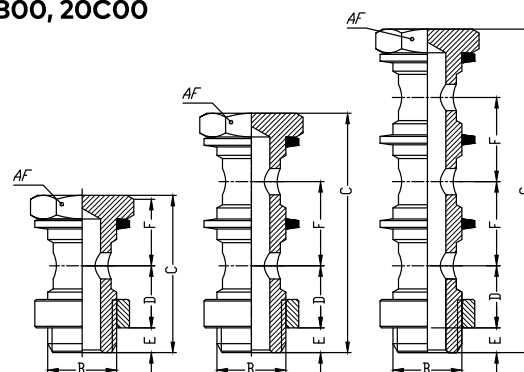
ØA	Bolt size B	ØB	C	D	ØK	T	ØK1	Weight (g)	Model
4	M5	5,1	19	9	8,8	14,0	9	9	100510405Z
4	G1/8	9,8	21,5	14,5	9	14,0	14	14	100510418Z
6	M5	5,1	22,5	9	12,7	16,0	10	12	100510605Z
6	G1/8	9,8	24	14,5	12,7	16,0	14	16	100510618Z
6	G1/4	13,2	26	14,5	12,7	16,0	18	19	100510628Z
8	G1/8	9,8	25,5	14,5	14,2	17,5	14	19	100510818Z
8	G1/4	13,2	27,5	14,5	14,2	17,5	18	22	100510828Z
8	G3/8	16,7	28,5	14,5	14,2	17,5	21	23	100510838Z
10	G1/4	13,2	29	14,5	16,5	20,2	18	22	100511028Z
10	G3/8	16,7	30,5	14,5	16,5	20,2	21	23	100511038Z
12	G3/8	16,7	32	14,5	19,5	19,2	21	37	100511238Z
12	G1/2	21	32	14,5	19,5	19,2	26	37	100511248Z

Banjo tee body to tube push-in 10071



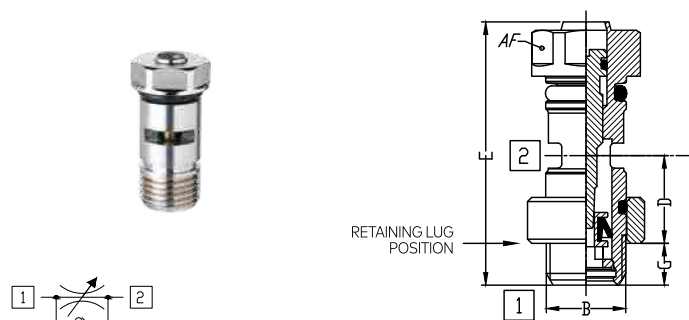
ØA	Bolt size B	ØB	C	E	D	ØK	ØK1	T	Weight (g)	Model
6	G1/8	9,8	48	14,5	24	12,7	14	16	21	100710618Z
6	G1/4	13,2	52	14,5	26	12,7	18	16	23	100710628Z
8	G1/8	9,8	51	14,5	25,5	14,2	14	17,5	21	100710818Z
8	G1/4	13,2	55	14,5	27,5	14,2	18	17,5	22	100710828Z

Banjo bolt, non-regulating stacking 20A00, 20B00, 20C00



B	C	D	E	F	AF	Type	Weight (g)	Model
M5	18	5,5	4	-	8	Single	4	20A000005Z
G1/8	31	12,5	6	-	14	Single	15	20A000018Z
G1/4	33,5	12,5	8	-	17	Single	27	20A000028Z
G3/8	34	12,5	8	-	19	Single	37	20A000038Z
G1/2	35	12,5	9	-	27	Single	60	20A000048Z
G1/8	56	12,5	6	25	14	Double	26	20B000018Z
G1/4	58,5	12,5	8	25	17	Double	44	20B000028Z
G3/8	59	12,5	8	25	19	Double	64	20B000038Z
G1/4	61,5	12,5	8	25	17	Triple	42	20C000028Z
G3/8	62	12,5	8	25	19	Triple	62	20C000038Z

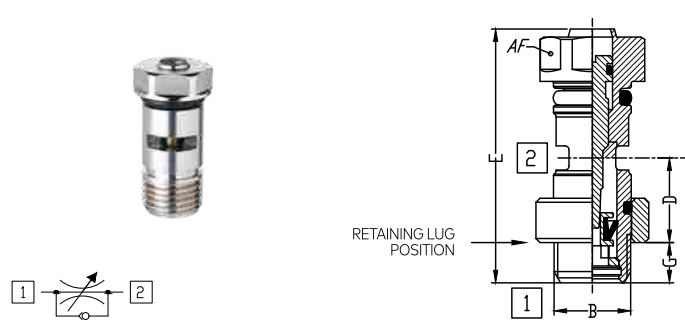
Banjo bolt, regulating out, BSP parallel 20K00



B	D	E	G	AF	Weight (g)	Model
G1/8	12,5	31,5	5	12	15	20K000018Z
G1/4	12,5	32,5	6	15	25	20K000028Z
G3/8	12,5	42	8	19	45	20K000038Z

Banjo bolt, regulating in, BSP parallel 20L00

Dimensions in mm
Projection/First angle



B	D	E	G	AF	Weight (g)	Model
G1/8	12,5	31,5	5	12	15	20L000018Z
G1/4	12,5	32,5	6	15	25	20L000028Z

Banjo bolt, regulating bi-directional, BSP parallel 20M00



B	D	E	G	AF	Weight (g)	Model
G1/8	12,5	31,5	5	12	17	20M000018Z
G1/4	12,5	32,5	6	15	27	20M000028Z

Note:

Banjo bolts are supplied with a spacing washer with integral retention lug. The washer must be installed with the mounting lug at the lowest position to ensure retention on to thread.