OBSOLETE DOCUMENT Technical Reference Only

B0B0, B0P0, B0S0

Metric Pneufit® Multi-connectors and accessories

Enable connection of multiple airlines

Series B0B0 Bulkhead is designed to give simple tube connections

Series B0P0 Plugs and B0S0 Sockets are used when the two sections need to be separated and remain in a fixed position

B0TS Tube socks are used to neatly group tubes and offer protection of the tube entry

B0DC Dust caps (for both plug and socket sides) are designed to protect threads and prevent ingress

Multi-connectors offer the benefit of single rather than multiple holes in panel, cabinets and equipment. Options include a plug and socket combination, or a simple bulkhead.

Technical data

Fluid: Compressed air (do not use with O_2)

Operating pressure: -750 mmHg to12 bar (180 psig)

Operating temperature: -20°C to 80°C

Acceptable panel thickness: 0 to 5 mm

Standard PIF sizes: 4, 6, 8 mm

Materials:

Body: Acetal

Fittings;

Collet: nickel-plated brass
Cartridge insert: brass
O ring: nitrile (silicon free)

Ordering Information

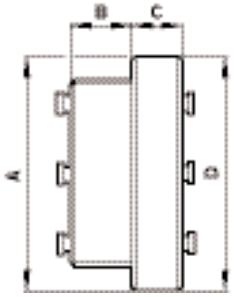
See *Ordering Information* on the following pages.

Ordering information

Bulkheads

Part Number	Number of PIFs	PIF size	A*	B	C	D
B0B0040450	4	4	40	20	12	50
B0B0040750	7	4	40	20	12	50
B0B0041250	12	4	58	20	12	70
B0B0060450	4	6	40	20	12	50
B0B0060750	7	6	40	20	12	50
B0B0080450	4	8	40	20	12	50

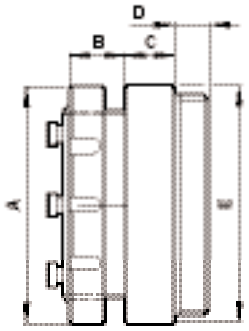
* All threads metric with 1,5 mm pitch



Sockets

Part Number	Number of PIFs	PIF size	A*	B	C	D	E*
B0S0040450	4	4	40	13	10	10	46
B0S0040750	7	4	40	13	10	10	46
B0S0041250	12	4	58	13	10	10	65
B0S0060450	4	6	40	13	10	10	46
B0S0060750	7	6	40	13	10	10	46
B0S0080450	4	8	40	13	10	10	46

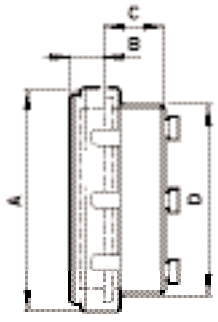
* All threads metric with 1,5 mm pitch



Plugs

Part Number	Number of PIFs	PIF size	A	B	C	D*
B0P0040450	4	4	43,5	8	19	40
B0P0040750	7	4	43,5	8	19	40
B0P0041250	12	4	62,5	8	19	58
B0P0060450	4	6	43,5	8	19	40
B0P0060750	7	6	43,5	8	19	40
B0P0080450	4	8	43,5	8	19	40

* All threads metric with 1,5 mm pitch

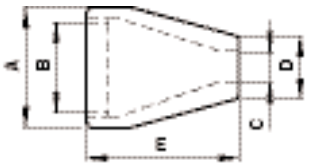


Ordering information

Tube socks

Part Number	Mulit-connector diameter	A	B*	C	D	E
B0TS000050	50	50	M40 x 1,5	23	35	55
B0TS000070	70	70	M58 x 1,5	23	42	70

* All threads metric with 1,5mm pitch

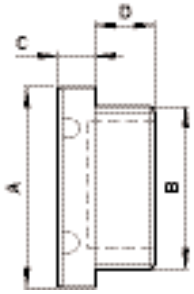


Dust Caps

Dust Cap for Plugs

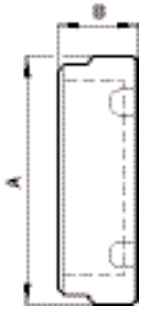
Part Number	Mulit-connector diameter	A	B*	C	D
B0DC000050P	50	50	46 x 1,5	9	10
B0DC000070P	70	75	65 x 1,5	9	15

* All threads metric with 1,5 mm pitch



Dust Cap for Sockets

Part Number	Mulit-connector diameter	A	B
B0DC000050S	50	50	15
B0DC000070S	70	75	15



Assemblies and layout

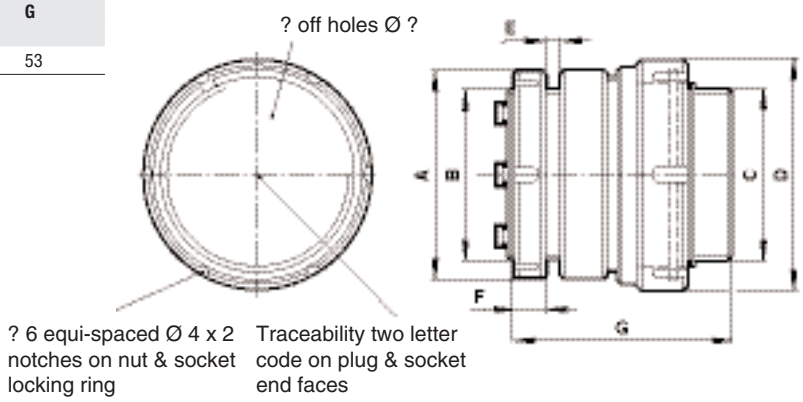
Plug and socket parts assembled together

50 mm

A	B panel mount	C thread	D	E panel width	F	G
Ø 50	40	M40 x 1,5	Ø 55	0 – 5	8	53

? Way identification shown at rear of plug 1/2.

Socket is mirror of this

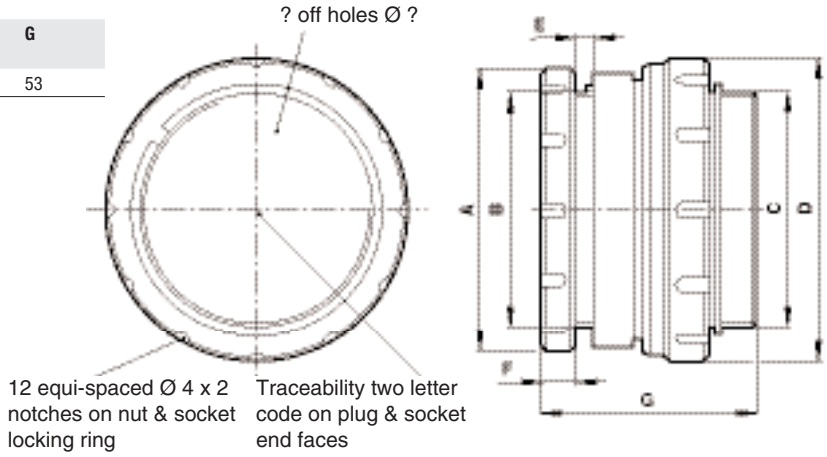


70 mm

A	B panel mount	C thread	D	E panel width	F	G
Ø 70	58	M58 x 1,5	Ø 75	0 – 5	8	53

? Way identification shown at rear of plug 1/2.

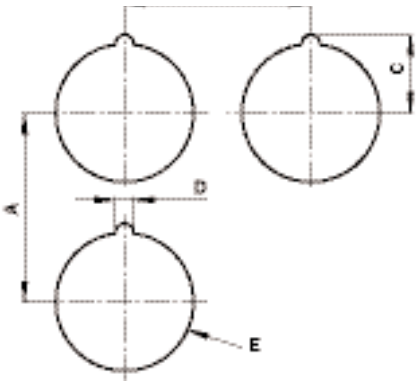
Socket is mirror of this



Machining detail

When more than one connector is used on an assembly the following dimensional constraints apply

Mulit- connector diameter	A	B	C	D	E
50	70	70	21	4	Ø 40
70	90	90	30,3	4	Ø 58



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under '**Technical Data**'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

Water vapor will pass through these units and will condense into liquid if air temperature drops in the downstream system. Install an air dryer if water condensation could have a detrimental effect on the application.