

- > **Stem: Ø 4 ...12 mm**
Ø 5/32 ...3/8"
- > **Reduce the noise levels of pneumatic equipment**
- > **Compact, efficient and lightweight**
- > **Insert directly into Push-in fitting exhaust port**
- > **Prevent the ingress of dirt**
- > **Low cost**



Technical features

Medium:

Compressed air, filtered 50 µm, lubricated and non lubricated/ vacuum, inert gases

Operation:

Exhaust silencer/vacuum filter

Operating pressure:

-1 ... +10 bar (-14 ... 145 psi) (vacuum service)

Stem:

Ø 4, 6, 8, 10, 12 mm
Ø 5/32, 1/4, 5/16, 3/8 inch

Mounting:

Directly in Push-in fittings


Ambient/Media temperature:

-20 ... +80°C (-4 ... 176°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body: UHMW PE porous plastic (light grey)
Stem: PE (black)

Technical data, standard models

Symbol	Stem size (mm)	Mean flow factor			Sound pressure *3)		Model
		C *1	Cv	Kv *2	(0,7 bar)	(6 bar)	
	4	0,82	0,2	0,17	67	84	T45P0004
	6	1,6	0,39	0,34	72	83	T45P0006
	8	3	0,74	0,64	68	85	T45P0008
	10	6,5	1,55	1,35	70	87	T45P0010
	12	9,9	2,43	2,11	73	89	T45P0012

*1) Measured in dm³/ (s.bar)

*2) Measured in m³/h

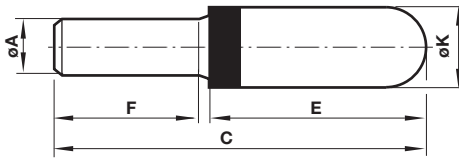
*3) Measured in dBA/6bar/1 meter from unit

Option selector

Option selector		T45★00★★		Option selector	
Stem size	Substitute	Stem Ø (mm)	Substitute	Stem Ø (inch)	Substitute
Metric	P	4	04	5/32	02
Inch	Y	6	06	1/4	04
		8	08	5/16	05
		10	10	3/8	06
		12	12		

Dimensions

Dimensions in mm
Projection/First angle



Ø A	C	E	F	Ø K	Weight (g)	Model
4	32	16	14	6,5	1	T45P00004
6	45	24,5	17	12,5	1,5	T45P00006
8	43,5	22	19	13,5	2	T45P00008
10	57,5	31	23	15,5	3,5	T45P00010
12	82	53	25	18,5	7	T45P00012

Ø A	C	E	F	Ø K	Weight (g)	Model
5/32	32	16	14	6,5	1	T45Y00004
1/4	45	24,5	17	12,5	1,5	T45Y00006
5/16	43,5	22	19	13,5	2	T45Y00008
3/8	57,5	31	23	15,5	3,5	T45Y00010

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 features/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 IMI 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.