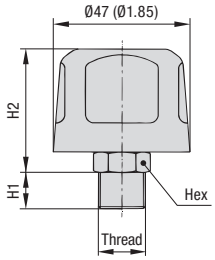
B

Metal Filler Breather
Type SMBT-47
(Threaded Version)





Characteristics

Designed to be used as filler ports for hydraulic reservoirs, allowing the reservoir to breathe whilst protecting it from contamination found in harsh environments

Features
- Cap diameter of Ø47 mm / Ø1.85 in
- Threaded version, equipped with male BSP thread (ISO 228) or male NPT thread (ANSI B1.20.1)
- Operating temperature range: -30 °C ... +120 °C / -22 °F ... +248 °F

Materials
- Breather cap made of Steel, zinc/nickel-plated (Fe/Zn Ni 6) and free of hexavalent chromium CrVI (standard option); chrome-plated and epoxy-coated versions available
- Threaded socket made of Steel, zinc-plated

Contact STAUFF for alternative materials.

Accessories / Options
- Air filter element

Maximum Air Flow Rate
- 0,40 m³/min / 14.13 cfm

Contact STAUFF for detailed air flow curves.

Dimensions

Thread	Dimensions (mm/in)		
	H1	H2	Hex
Male G1/4 BSP (ISO 228)	10 / .39	41 / 2.38	17 / .67
Male G3/8 BSP (ISO 228)	13 / .51	41 / 2.38	19 / .74
Male G1/2 BSP (ISO 228)	14 / .55	41 / 2.38	22 / .88

Thread	Dimensions (mm/in)		
	H1	H2	Hex
Male 1/4 NPT (ANSI B1.20.1)	13 / .51	41 / 2.38	17 / .67
Male 3/8 NPT (ANSI B1.20.1)	15 / .59	41 / 2.38	19 / .74

Contact STAUFF for alternative threads.

Order Codes

SMBT - 47 - S - 10 - O - B08

① ② ③ ④ ⑤ ⑥

① Type / Version

Metal Filler Breather; Threaded version	**SMBT**

② Cap Diameter / Material / Surface Finishing

Cap diameter Ø47 mm (Ø1.85 in); Breather cap made of Steel, zinc/nickel-plated (standard option)	**47**
Cap diameter Ø47 mm (Ø1.85 in); Breather cap made of Steel, chrome-plated	**47C**
Cap diameter Ø47 mm (Ø1.85 in); Breather cap made of Steel, expoxy-coated	**47E**

③ Label

With STAUFF logo (standard option)	**S**
Neutral design without any logo	**N**

④ Air Filter Element (Material / Micron Rating)

Without Breather Function	**0**
3 µm Filter Paper	**03**
10 µm Foam / PUR (standard option)	**10**
40 µm Foam / PUR	**40**

Contact STAUFF for alternative materials / micron ratings.

⑤ Pressurisation

Without pressurisation (standard option)	**0**

No pressurisation available for this cap diameter.

⑥ Connection Thread (Male)

G1/4	**B04**
G3/8	**B06**
G1/2	**B08**
1/4 NPT	**N04**
3/8 NPT	**N06**

Contact STAUFF for alternative threads.

Dimensional drawings: All dimensions in mm (in).