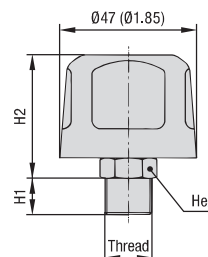


Metal Filler Breather Type SMBT-47 (Threaded Version)



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, epoxy-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.

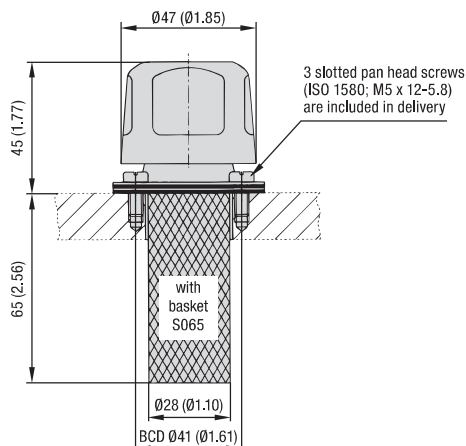
⑥ Connection Thread (Male)

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

Contact STAUFF for alternative threads.



Metal Filler Breather Type SMBB-47 (Bayonet 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
- Bayonet version with a three-hole bolt pattern
- 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
- Bayonet flange made of Steel, zinc-plated
- Basket made of Steel, zinc-plated
- Sealings made of Cork

Contact STAUFF for alternative materials.

Accessories / Options

- Metal basket (800 µm)
- Air filter element

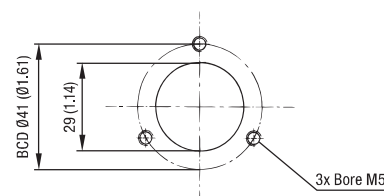
Maximum Air Flow Rate

- 0,40 m³/min / 14.13 cfm

Contact STAUFF for detailed air flow curves.

Installation

- Three-hole bolt pattern for flange interfaces:



- 3 slotted pan head screws (ISO 1580 M5 x 12-5.8) are included in delivery; can be replaced by regular M5 bolts, if required

Order Codes

SMBB	-	47	-	S	-	10	-	O	-	C	-	S065
①		②		③		④		⑤		⑥		⑦

① Type / Version

Metal Filler Breather; Bayonet version **SMBB**

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, epoxy-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 Sealing Material

Cork (standard option) **C**

⑦ Basket Option

Metal basket (65 mm / 2.56 in) (standard option) **S065**
Without basket **0**

