Hydraulic Filler and Breather Plugs

Plastic and brass, G 1/4" to G 1 1/2" and M16 × 1.5 to M22 × 1.5

Series: S-3ARN



Overview

Product type	Filler and breather plug
Threads	G 1/4" to G 1 1/2" (BSPP) and M16 × 1.5 to M22 × 1.5, male thread
Plastic versions	With air filter, without air filter, with air filter and dipstick, with dipstick
Brass version	With air filter, G 1/4" to G 1/2"
Air filter fineness	50 µm to 60 µm
Medium	Mineral oil. Versions without dipstick: also water.
Temperature range	-20 °C to +100 °C

Application

A filler and breather plug closes the filler opening of a fluid tank, for example a hydraulic tank. You can also use it as the filler and vent port of a gearbox.

Remove the plug to fill the tank. When the plug is installed, air flows in and out of the tank when the fluid level changes. The air filter stops dirt from the air. Use a breather with air filter in oil-hydraulic systems.

The dipstick versions show the oil level. The dipstick is made of galvanised steel. You can cut it to the depth of the tank.

Technical Data

Body material	Polyamide (plastic versions), brass (brass versions)
Seal material	NBR (plastic versions), Fasit 202, mineral fibre with NBR (brass versions)
Air filter material	PU foam (plastic versions), galvanised steel wire mesh (brass versions)
Air filter fineness	50 µm to 60 µm
Dipstick	Galvanised steel, length 200 mm, can be shortened
Thread	Male thread: G (BSPP) or metric fine thread
Medium	Mineral oil. Versions without dipstick: also water.
Temperature range	-20 °C to +100 °C

Plastic Plugs

Polyamide body with a ribbed cap, NBR seal. A dash (-) shows that the version is not available.

Thread	Cap diameter (mm)	With air filter	Without air filter	With air filter and dipstick	With dipstick
G 1/4"	30	H22FQ	-	-	-
G 3/8"	36	H22FR	H22G3	H22GD	H22GQ
G 1/2"	41	H22FT	H22G5	H22GF	H22GS
G 3/4"	47	H22FX	H22G9	H22GK	H22GW
G 1"	52	H22FY	H22GA	H22GM	H22GX
G 1 1/4"	63	H22FZ	H22GB	H22GN	H22GY
G 1 1/2"	63	H22G2	H22GC	H22GP	H22GZ
M16 × 1.5	36	H22FS	H22G4	H22GE	H22GR
M18 × 1.5	41	H22FU	H22G6	H22GG	H22GT
M20 × 1.5	41	H22FV	H22G7	H22GH	H22GU
M22 × 1.5	41	H22FW	H22G8	H22GJ	H22GV

Brass Plugs

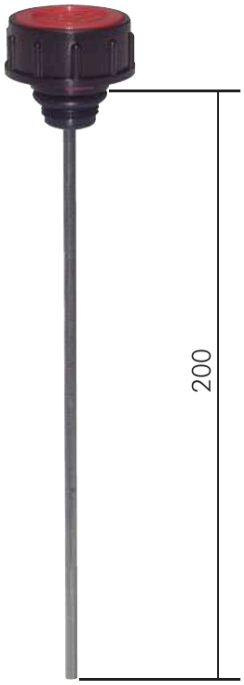
Brass body with hexagon, with air filter of galvanised steel wire mesh.



Thread	Width across flats (mm)	With air filter
G 1/4"	18	H22H2
G 3/8"	22	H22H3
G 1/2"	27	H22H4

Dimensions

Dipstick versions: length of the dipstick in mm.



Installation

1 **Select the version**
In oil-hydraulic systems, use a version with air filter. For water, use a version without dipstick.

2 **Shorten the dipstick, if necessary**
Cut the dipstick to the depth of the tank.

3 **Install the plug**
Screw the plug into the filler opening of the tank.

Tameson B.V.
Torenallee 20, 5617 BC Eindhoven,
The Netherlands
CoC: 72902531
VAT: NL859280263B01

Contact Information
support@tameson.com
tameson.com

Document Information
Version: 1.0

Scan for product info

Specifications subject to change without notice. Verify current specifications before ordering.