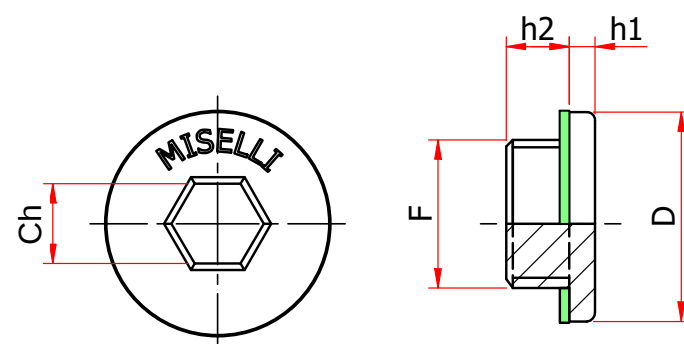


TCNB - PLASTIC PLUG WITH INTERNAL HEX HEAD



Special versions

Sealing: flat NBR seal or O-Ring 70 Shore.

Material: Polyamide PA66 reinforced with 50% fiberglass suggested to be used on industrial application where high resistance to deformation and to mechanical shocks are requested. Max operating temperature 120°C/248°F, 150°/302°F for short periods.

Socket style low profile threaded plug.

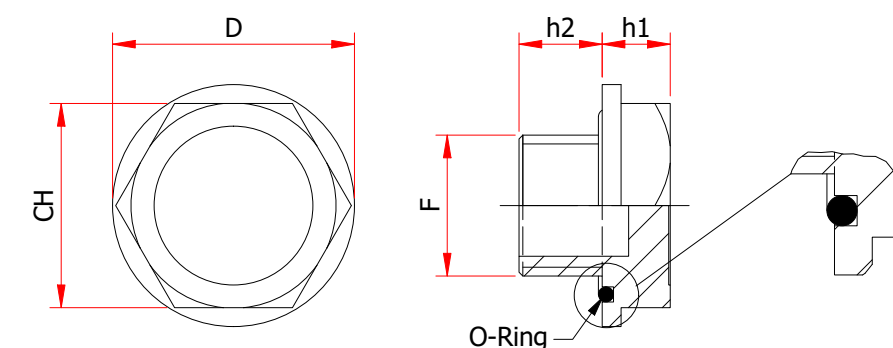
Material: reinforced thermoplastic material PA 66 material with 30% fiberglass providing an excellent mechanical resistance at both low and high temperatures.

Sealing: flat fiber gasket.

Maximum working temperature: 100°C/212°F, 120°C/248°F for short periods.

Cod.	F	Ch	D	h1	h2	Nm	Nm 50% FV	Pack.
TCNB/14	G 1/4"	6	18	3	8	3÷5	5÷7	100
TCNB/38	G 3/8"	8	22,5	3,5	10,5	6÷8	8÷10	100
TCNB/12	G 1/2"	10	28	4	10	8÷10	10÷12	100
TCNB/34	G 3/4"	12	35	4	10,5	10÷12	18÷20	50
TCNB/14.15	M 14x1,5	6	20	2,5	9	3÷5	5÷7	100
TCNB/16.15	M 16x1,5	8	22,5	3,5	10,5	6÷8	8÷10	100
TCNB/18.15	M 18x1,5	10	26	3	10	7÷9	10÷12	100
TCNB/20.15	M 20x1,5	10	28	3,5	10,5	7÷9	10÷12	100
TCNB/22.15	M 22x1,5	10	28	3,5	10,5	7÷9	10÷12	100
TCNB/26.15	M 26x1,5	12	35	3	11,5	10÷12	18÷20	50

TCN/OR - PLASTIC PLUG WITH O-RING INTEGRATED



Threaded hex head oil plug.

Material: Polyamide PA66 glass-fiber reinforced material, ensuring a high mechanical resistance for both low and high temperature, dimensional stability and shocks resistance.

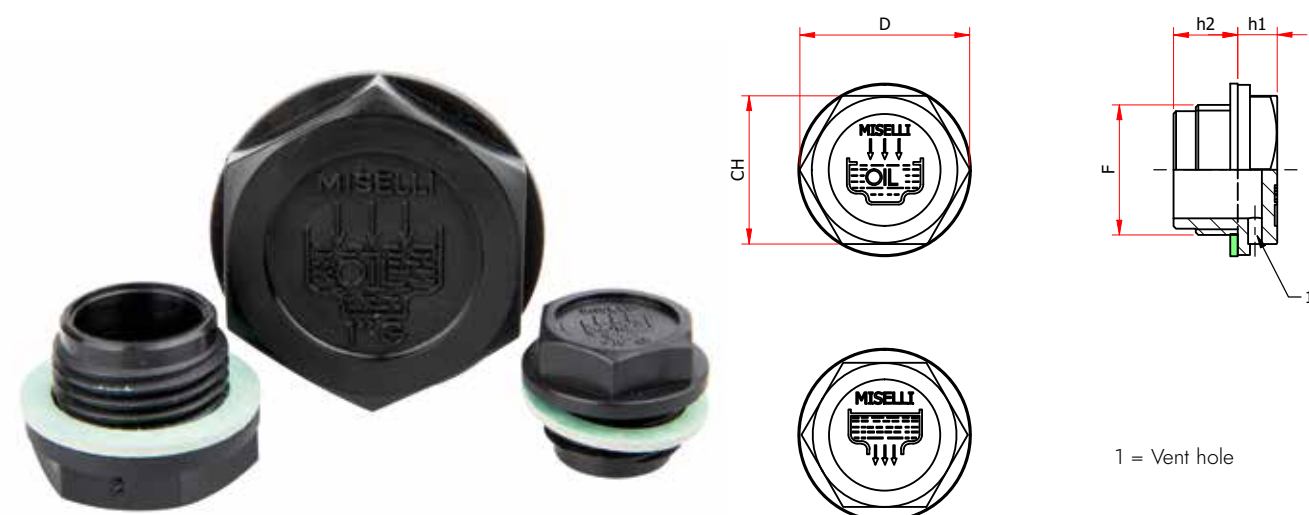
Sealing: NBR O-Ring seal 70 Shore, press fitted into a groove under the hexagon.

Maximum working temperature: 100°C/212°F.

Max operating pressure: 100 bar/1450 PSI (test performed in the laboratory at room temperature with ENI OSO VG hydraulic oil, report available on request).

Cod.	F	CH	D	h1	h2	Weight gr
TCN/38-OR	G 3/8"	22	25,5	8,7	9	2
TCN/12-OR	G 1/2"	27	32	9	11	5
TCN/34-OR	G 3/4"	32	37	10	13	9

TCN(S) - OIL FILL PLUG TSN - OIL DRAIN PLUG



Threaded hex head oil plug ensuring high mechanical resistance at both low and high temperature, dimensional stability and shock resistance. TCN and TCNS style have the "fill" graphic symbol and the word OIL moulded on the top. TSN has a graphic symbol of drain moulded on the top.

Material: Polyamide PA66.

Sealing: flat fiber gasket.

Maximum working temperature: 100°C/212°F.

Breather: model TCNS has a breather hole located on the side of the hex with a diameter from 2 to 3,5 mm, depending on the size.

Special versions

Sealing: flat gasket NBR 70 Shore.

Color: red.

	Cod.		F	CH	D	h2	h1	Nm	Pack.
TCN/14	TCNS/14	TSN/14	G 1/4"	17	19,5	9	7	5	100
TCN/38	TCNS/38	TSN/38	G 3/8"	18	22	10	7,5	8	100
TCN/12	TCNS/12	TSN/12	G 1/2"	23	28	11	7,5	9	100
TCN/34	TCNS/34	TSN/34	G 3/4"	30	34	11	9	11	50
TCN/1	TCNS/1	TSN/1	G 1"	36	42	12	10,5	20	50
TCN/114	TCNS/114	TSN/114	G 1 1/4"	42	51	13,5	12	-	25
TCN/112	TCNS/112	TSN/112	G 1 1/2"	50	58	16	10	-	25
TCN/2	TCNS/2	TSN/2	G 2"	64	74	16	12	-	25
TCN/10.15* TCNS/10.15*			M 10x1,5	18	22	9	7	5	100
TCN/12.15* TCNS/12.15*			M 12x1,5	18	22	9	7	5	100
TCN/14.15	TCNS/14.15	TSN/14.15	M 14x1,5	17	19,5	8	7	5	100
TCN/16.15	TCNS/16.15	TSN/16.15	M 16x1,5	18	21	10	7,5	6	100
TCN/18.15	TCNS/18.15	TSN/18.15	M 18x1,5	21	26	10	7,5	7	100
TCN/20.15	TCNS/20.15	TSN/20.15	M 20x1,5	24	28	10	8	8	100
TCN/22.15	TCNS/22.15	TSN/22.15	M 22x1,5	24	28	11	8	10	100
TCN/40.15	TCNS/40.15	TSN/40.15	M 40x1,5	42	52	13	10		25

*Hex surface blank and rubber flat seal.

TCA(S) - HEX PLUG WITH DIPSTICK



Threaded hex head oil plug ensuring high mechanical resistance at both low and high temperature, dimensional stability and shock resistance. These codes have the "fill" graphic symbol and the word OIL moulded on the top.

Material: Polyamide PA66.

Sealing: flat fiber gasket.

Maximum working temperature: 100°C/212°F.

Breather: model TCAS has a breather hole located on the side of the hex with a diameter from 2 to 3,5 mm, depending on the size.

Level dipstick: cylindrical section with zinc steel phosphated surface, standard length 195 mm.

Special versions

Level dipstick: customizable length with MIN-MAX notches.

Sealing: flat gasket NBR 70 Shore.

Color: red.

	Cod.	F	Ch	D	h1	h2	d1	Pack.
TCA/14	TCAS/14	G 1/4"	17	19	7	9	4	100
TCA/38	TCAS/38	G 3/8"	18	22	7,5	10	4	100
TCA/12	TCAS/12	G 1/2"	24	28	7,5	11	4	100
TCA/34	TCAS/34	G 3/4"	30	34	9	11	5	50
TCA/1	TCAS/1	G 1"	36	42	10,5	12	5	50
TCA/114	TCAS/114	G 1 1/4"	42	51	12	13,5	5	25
TCA/2	TCAS/2	G 2"	64	74	13,5	16	5	25
TCA/14.15	TCAS/14.15	M 14x1,5	17	19	7	8	4	100
TCA/16.15	TCAS/16.15	M 16x1,5	18	21	7,5	10	4	100
TCA/18.15	TCAS/18.15	M 18x1,5	21	26	7,5	10	4	100
TCA/20.15	TCAS/20.15	M 20x1,5	24	28	8	10	4	100
TCA/22.15	TCAS/22.15	M 22x1,5	24	28	8	11	4	100

plastic closing plugs

plastic closing plugs

TCZ(S) - KNURLED OIL FILL PLUG



Threaded plug with knurled head, ensuring high mechanical resistance at both low and high temperatures.

Material: Polyamide PA66.

Sealing: O-Ring NBR 70 Shore.

Maximum working temperature: 100°C/212°F.

Breather: model TCZS has a breather hole located on the side of the hex with a diameter from 2 to 3,5 mm, depending on the size.

Special versions

Color: red.

Thread G. 1 1/2", 1 1/4" and 2" available with GASOIL or DIESEL graphic symbol moulded on the top.

	Cod.	F	D	h2	h1	Pack.
TCZ/14	TCZS/14	G 1/4"	20	9	9	100
TCZ/38	TCZS/38	G 3/8"	20,5	10	9	100
TCZ/12	TCZS/12	G 1/2"	28	10,5	10,5	100
TCZ/34	TCZS/34	G 3/4"	31	11	12	50
TCZ/1	TCZS/1	G 1"	39	12	12	50
TCZ/114	TCZS/114	G 1 1/4"	49	13,5	13	25
TCZ/112	TCZS/112	G 1 1/2"	55	14,5	14,7	25
TCZ/2	TCZS/2	G 2"	68,5	16	15	25
TCZ/14.15	TCZS/14.15	M 14x1,5	20	9	9	100
TCZ/16.15	TCZS/16.15	M 16x1,5	20	10	9	100
TCZ/18.15	TCZS/18.15	M 18x1,5	28	10	10,5	100
TCZ/20.15	TCZS/20.15	M 20x1,5	28	10	10,5	100
TCZ/22.15	TCZS/22.15	M 22x1,5	28	10	10,5	100

TCAZ - KNURLED OIL FILL CAP WITH LEVEL DIPSTICK

TCASZ - KNURLED OIL FILL CAP WITH LEVEL DIPSTICK AND VENT



Threaded plug with knurled head, ensuring high mechanical resistance at both low and high temperatures. These codes have the "fill" graphic symbol and the word OIL moulded on the top.

Material: Polyamide PA66.

Sealing: O-Ring NBR 70 Shore.

Maximum working temperature: 100°C/212°F.

Breather: model TCASZ has a breather hole located on the side of the hex with a diameter from 2 to 3,5 mm, depending on the size.

Level dipstick: cylindrical section with zinc steel phosphated surface, standard length 195 mm.

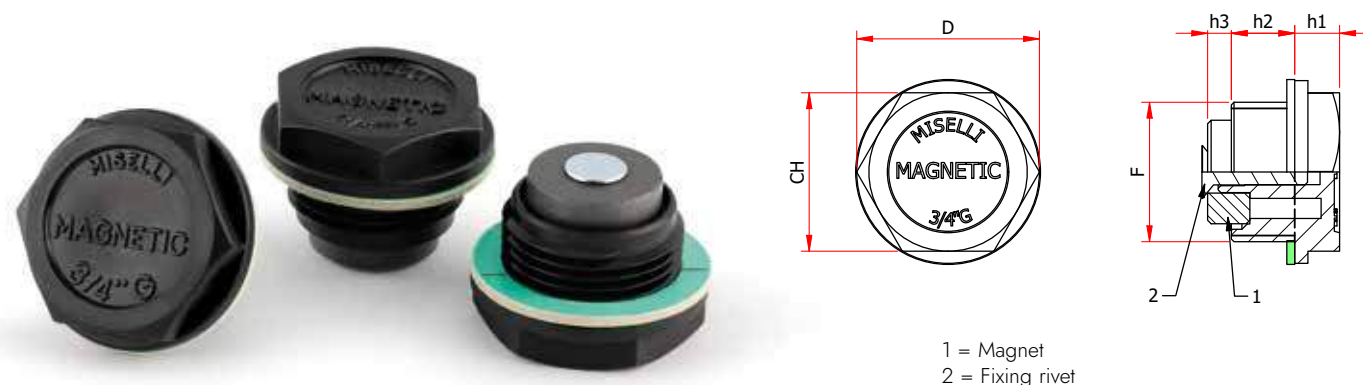
Special versions

Level dipstick: customizable length with MIN-MAX notches.

Color: red.

	Cod.	F	D	h2	h1	d1	Pack.
TCAZ/14	TCASZ/14	G 1/4"	20	9	9	4	100
TCAZ/38	TCASZ/38	G 3/8"	20,5	10	9	4	100
TCAZ/12	TCASZ/12	G 1/2"	28	10,5	10,5	4	100
TCAZ/34	TCASZ/34	G 3/4"	31	11	12	5	50
TCAZ/1	TCASZ/1	G 1"	39	12	12	5	50
TCAZ/114	TCASZ/114	G 1 1/4"	49	13,5	13	5	25
TCAZ/2	TCASZ/2	G 2"	68,5	16	15	5	25
TCAZ/14.15	TCASZ/14.15	M 14x1,5	20	9	9	4	100
TCAZ/16.15	TCASZ/16.15	M 16x1,5	20	10	9	4	100
TCAZ/18.15	TCASZ/18.15	M 18x1,5	28	10	10,5	4	100
TCAZ/20.15	TCASZ/20.15	M 20x1,5	28	10	10,5	4	100
TCAZ/22.15	TCASZ/22.15	M 22x1,5	28	11	10,5	4	100

TM - DRAIN PLASTIC PLUG WITH MAGNET



Threaded hex head oil plug that can be fitted on the bottom of the transmission or tank, to be used as drain plug; the magnet attract ferrous metal parts, preventing damage to gears and others moving components.

Material: Polyamide PA66.

Sealing: flat fiber gasket.

Maximum working temperature: 100°C/212°F.

Cod.	F	CH	D	h3	h2	h1
TM/14	G 1/4"	17	20	5	9	7
TM/38	G 3/8"	18	22	10	10	7,5
TM/12	G 1/2"	24	27	9	11	8
TM/34	G 3/4"	30	34	6,5	11	9
TM/1	G 1"	35	42	14	12	10,5

TF/C - BLANKING CAP WITH INTERNAL THREAD



Blanking cap with internal thread designed for plastic tanks.

Material: Nylon.

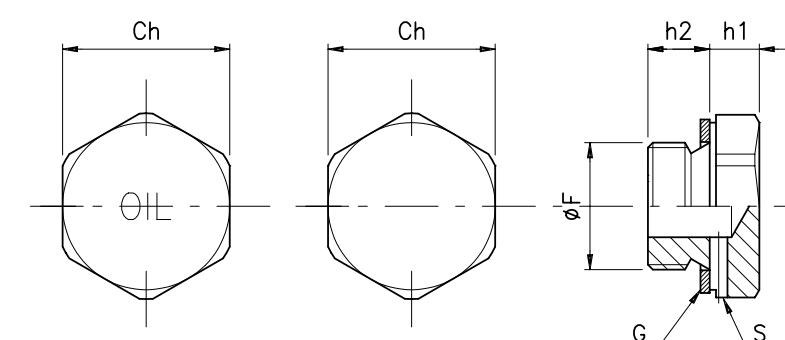
Sealing: internal flat gasket in EPDM, on enquiry.

Maximum working temperature: 90°C/ 194°F.

Thread sizes: G.1/4", 3/8", 1/2", 3/4" 1", 1 1/4", 1 1/2", 2", 2 1/2", 3".

M/TCN(S) - ALUMINUM FILL PLUG

M/TSN - ALUMINUM DRAIN PLUG



M/TCN – M/TCNS

M/TSN

G = Fiber gasket
S = Breather hole

Aluminium hex head plug. M/TCN – M/TCNS comes marked OIL, M/TSN comes blank.

Material: Aluminum alloy.

Sealing: flat fiber gasket.

Special versions

Sealing: flat aluminium gasket.

Cod.	F	Ch	h2	h1	Nm	Pack.
M/TCN-14 M/TCNS-14 M/TSN-14	G 1/4"	19	10	7	10	100
M/TCN-38 M/TCNS-38 M/TSN-38	G 3/8"	22	10	7	15	100
M/TCN-12 M/TCNS-12 M/TSN-12	G 1/2"	27	10	8	20	100
M/TCN-34 M/TCNS-34 M/TSN-34	G 3/4"	34	10	8	25	50
M/TCN-1 M/TCNS-1 M/TSN-1	G 1"	40	14	8	50	50
- - M/TSN-M10	M10x1	14	8	5	8	-
- - M/TSN-M12	M12x1,5	17	8	6	9	-
- - M/TSN-M14	M14x1,5	17	8	6	11	-
- - M/TSN-M16	M16x1,5	22	10	7	13	-
- - M/TSN-M18	M18x1,5	22	10	7	15	-
- - M/TSN-M20	M20x1,5	24	10	7	18	-