

STORM HALVORSEN

KOMPONENTER TIL INDUSTRIEN

www.stormhalvorsen.no T33 42 36 30



PRODUCT CATALOGUE



UGELLI FILTRANTI
FILTER NOZZLES

SISTEMI DI DRENAGGIO
DRAIN SYSTEM

TRAPPOLE DI SICUREZZA
SAFETY TRAPS

CTG07



- Universale e molto robusto
- Ampia gamma di fessure
- Ampia gamma di filetti e codoli
- Ampia superficie filtrante

- Multipurpose and very strong
- Wide range of slots
- Wide set of threads and stems
- Wide filtering area

Materiale

Material

PP

PPHT

PPFV

PVDF

Modello Model	Fessura Slot width mm	N° Fessure Slots n°	Area mm²	Colore cupola Head colour
R	0,20	40	216	
	0,25	40	270	
	0,30	36	291	
	0,35	36	340	
	0,50	36	486	
	0,60	36	583	
	1,00	36	972	
	2,00	18	972	
	3,00	12	972	
	5,00	8	1080	

Ugello con certificazione ACS/MOCA prodotto PP Naturale (Bianco) - Ugello in PPFV30% prodotto Naturale (Avorio) - Ugello in PVDF prodotto Naturale (Bianco)

Nozzle with ACS/MOCA certification produced PP Natural (White) - Nozzle in PPFV30% produced Natural (Ivory) - Nozzle in PVDF produced Natural (White)

ORDINE - ORDER

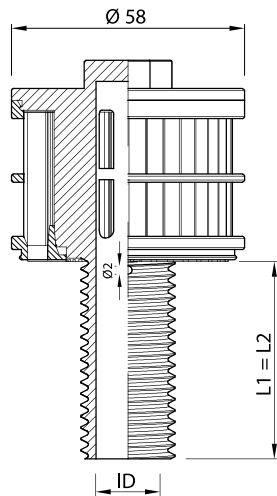
Modello Model	Fessura Slot width	Filetto Thread	ID mm	L1 mm	L2 mm	L3 mm	Materiale Material
R	0,35	1"W	16	30	250	0	PP

Ugello mod. RTL con tassello espansione preassemblato

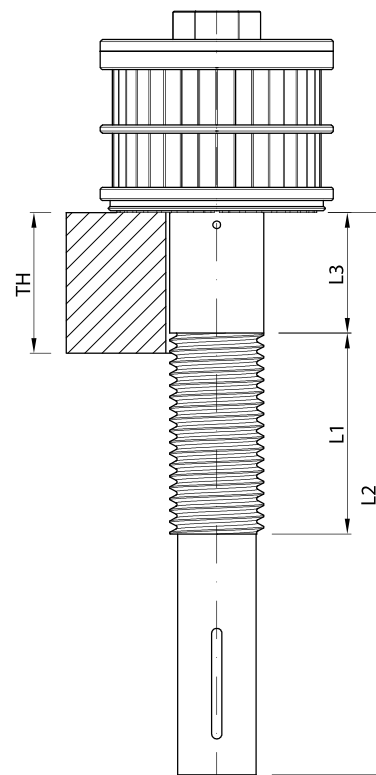
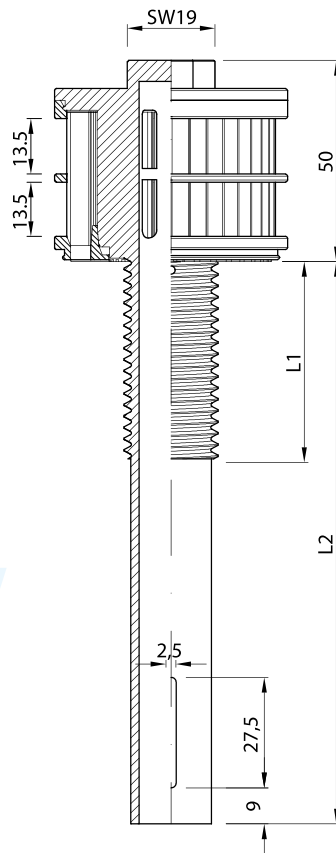
Nozzle mod. RTL with preassembled expansion bolt



Scheda tecnica
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Data sheet
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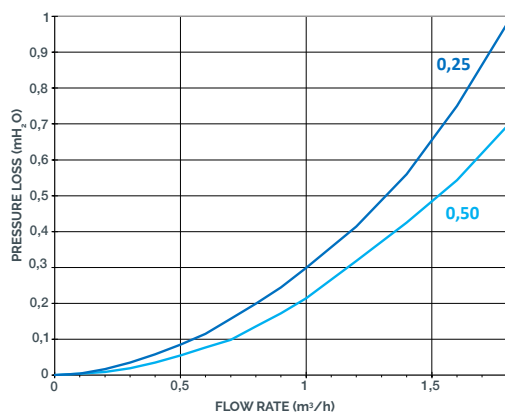
Le asole e i fori sul codolo possono variare in funzione degli standard di lunghezza del codolo o su specifica richiesta del cliente.
The slots and holes on the stem can vary according to the standard length of the stem or on specific customer request.



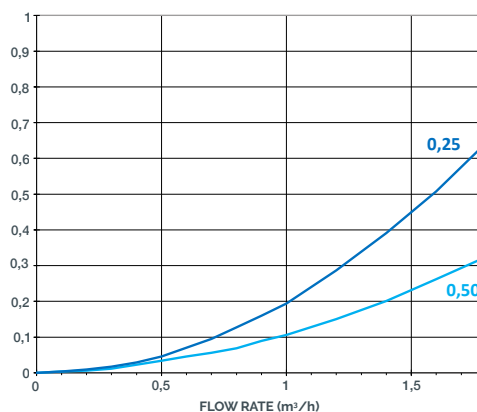
Filetto Thread	Col. codolo Stem col.	ID Standard mm	Area codolo Stem area mm ²	L1 - Lunghezza filetto Thread length mm	L2 - Lunghezza codolo Stem length mm	L3 - Scostamento Deviation mm
1/2" G	20,9	14	154	15, 20, 30, 35, 50	... 50, 80, 100, 120, 140, +5 ... 300	0, 5, +5 ...
3/4" G	26,4	16	200	15, 20, 30, 50	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
7/8" W	22,2	14	154	30	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
15/16" W	23,8	16	200	20, 30, 40, 50, 70	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
1" W	25,4	16	200	20, 25, 30, 50	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
1 1/4" W	31,7	21	346	25, 30, 50	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
M20 x 2.5	20	14	154	20, 50	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
M24 x 3.0	24	16	200	20, 30, 40, 50	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...
M30 x 3.5	30	21	346	20, 30, 50	... 50, 80, 100, 120, 140, +5 ... 400	0, 5, +5 ...

Disponibili anche M27x3, M18x1.5 ... è possibile creare ogni configurazione su specifica richiesta del cliente.
Available also M27x3, M18x1.5 ... It's possible to create any configuration on specific customer need.

NOZZLE R - ID16



NOZZLE R - ID21



NOTE
Su richiesta è possibile fornire la Curva di Perdita di Carico per tutta la gamma di ugelli Ilmap.
The Pressure Loss Curve of the Ilmap Nozzles range can be supplied on demand.



- **Necessari per il fissaggio di ugelli su piastre in cemento di filtri a gravità**

- Suitable for installation of nozzles in concrete plates of gravity filters

Materiale

Material

PP

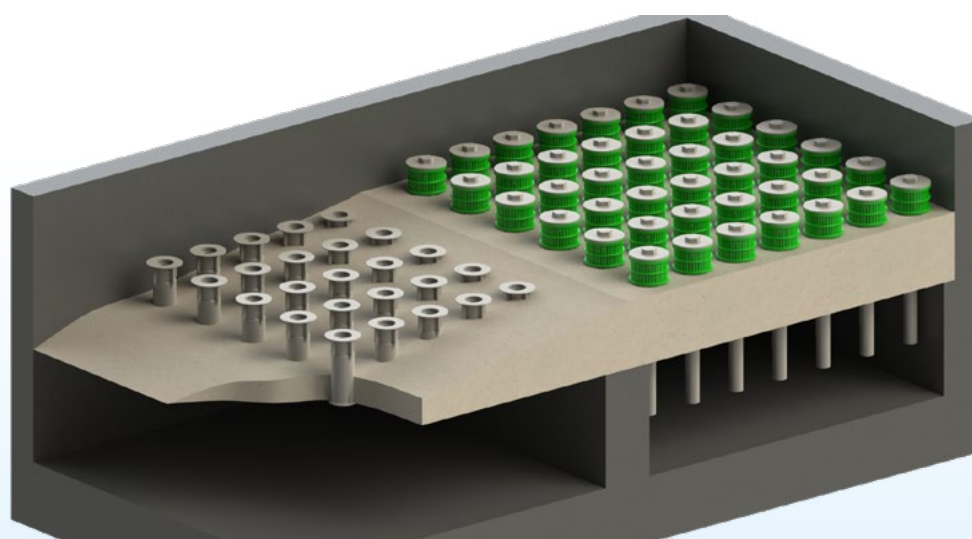
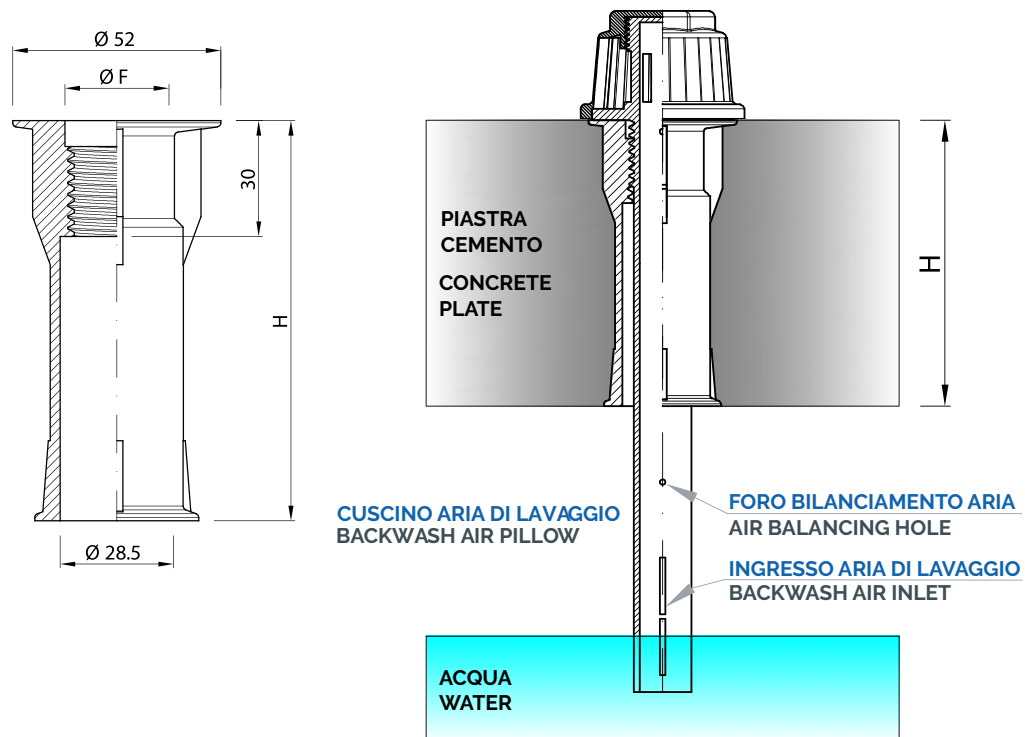
Modello Model	H - Altezza manicotto H - Sleeve height mm	Filetto Thread	
		Ø F - 26 mm	Ø F - 32 mm
G	60 - 350	15/16"W	1 1/4"W
		1"W	
		7/8"W	
		1/2"G	
		3/4"G	
		M24 x 3.0	

Accessori con certificazione ACS/MOCA prodotto PP Naturale (Bianco)
Accessories with ACS/MOCA certification produced PP Natural (White)

ORDINE - ORDER			
Modello Model	H - Altezza H - Height	Filetto Thread	Materiale Material
G	200	1 1/4"W	PP

Esempio installazione
Installation example

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- **Necessari per il fissaggio di ugelli su piastre in cemento di filtri a gravità**

- Suitable for installation of nozzles in concrete plates of gravity filters

Materiale

Material

PP

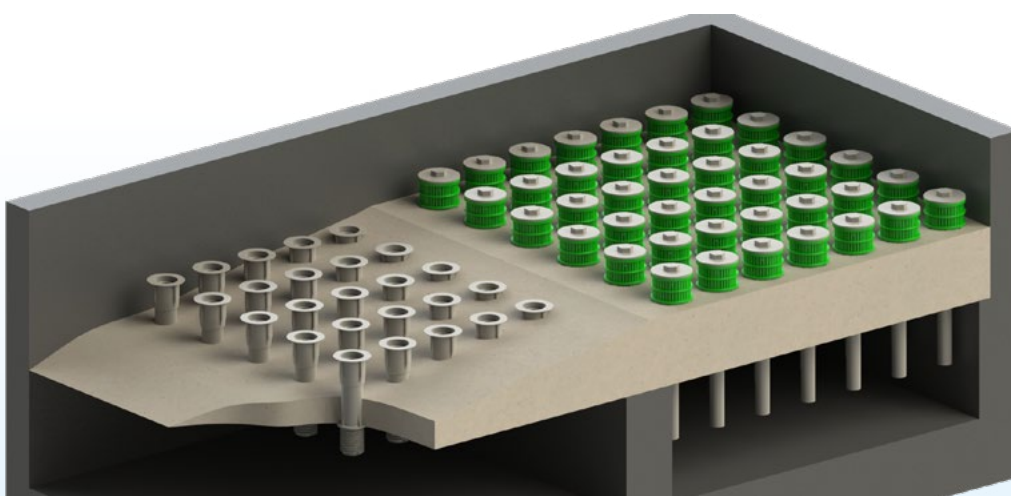
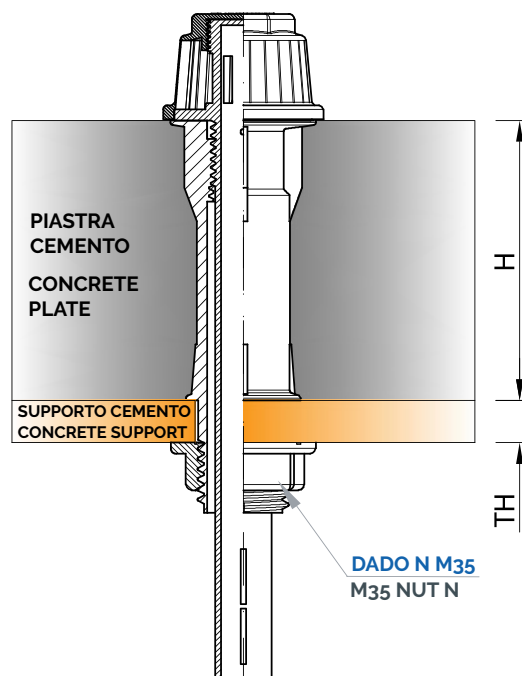
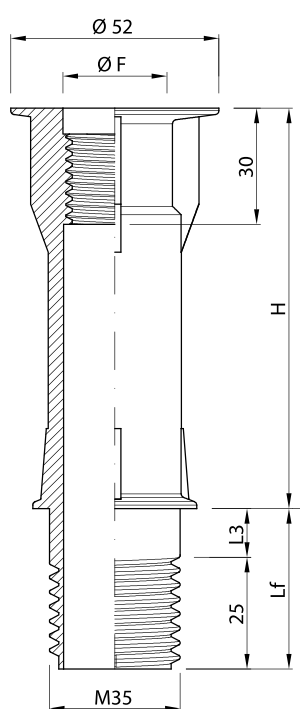
Modello Model	H - Altezza manicotto H - Sleeve height mm	Filetto femmina Female thread	Filetto maschio Male thread Lf = 25 + L3	L3 Deviation mm
GM	60 - (350 - Lf)	1 1/4"W 15/16"W 1"W 7/8"W 1/2"G 3/4"G M24 x 3.0	M35 x 25 mm	0, 5, +5 ...

Accessori con certificazione ACS/MOCA prodotto PP Naturale (Bianco)
Accessories with ACS/MOCA certification produced PP Natural (White)

ORDINE - ORDER				
Modello Model	H - Altezza H - Height	Filetto femmina Female thread	Lf 25+L3	Materiale Material
GM	200	15/16"W	30	PP

Esempio installazione
Installation example

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- **Necessari per il fissaggio di ugelli su piastre in cemento di filtri a gravità**

- Suitable for installation of nozzles in concrete plates of gravity filters

Materiale

Material

PP

Modello Model	H - Altezza Manicotto H - Sleeve height		Filetto femmina Female thread	Filetto maschio Male thread	Lf mm
	H1 = GEM	H2 = GEL/GEF			
GE	60 - 330	60 - (350 - Lf)	1 1/4"W 15/16"W 1"W 7/8"W 1/2"G 3/4"G M24 x 3.0	1 1/4"W	24/40

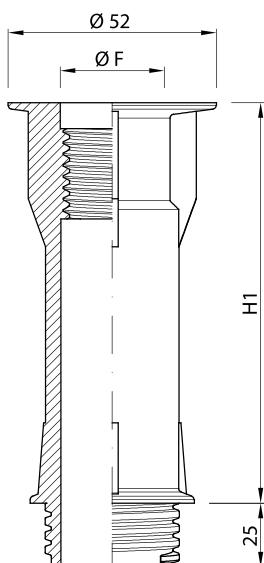
Accessori con certificazione ACS/MOCA prodotto PP Naturale (Bianco)
Accessories with ACS/MOCA certification produced PP Natural (White)

ORDINE - ORDER						
Modello Model		H1 = GEM	H2 = GEL / GEF	Filetto femmina Female thread	Lf 25*L3	Materiale Material
		H = H1 + H2				
GEM150 + GEF50	GE	150	50	15/16"W	30	PP
GEM200 + GEL50	GE	200	50	15/16"W	0	PP

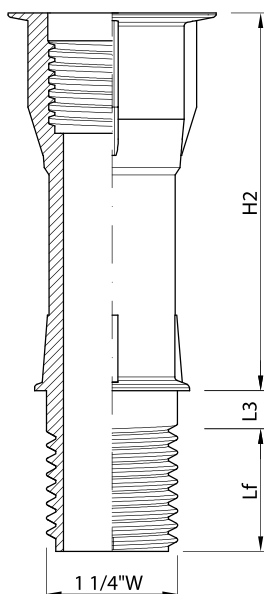
Esempio installazione
Installation example

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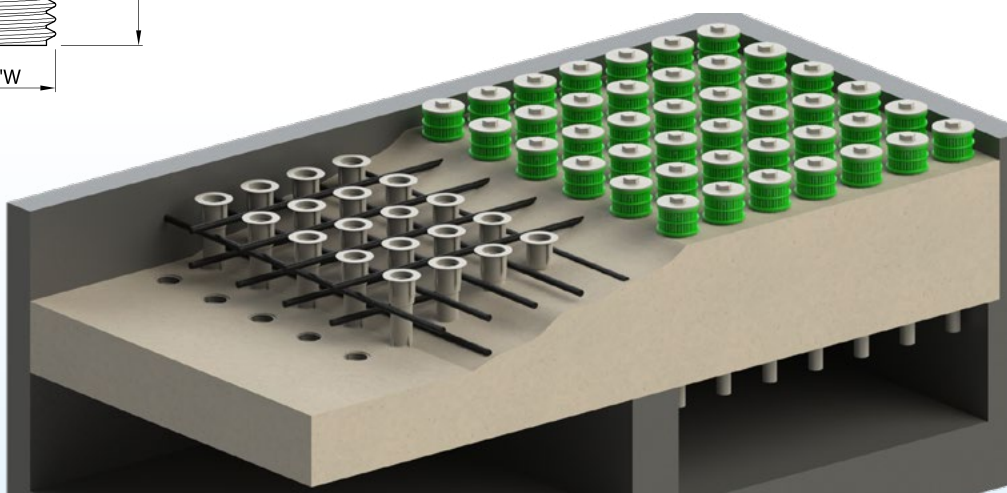
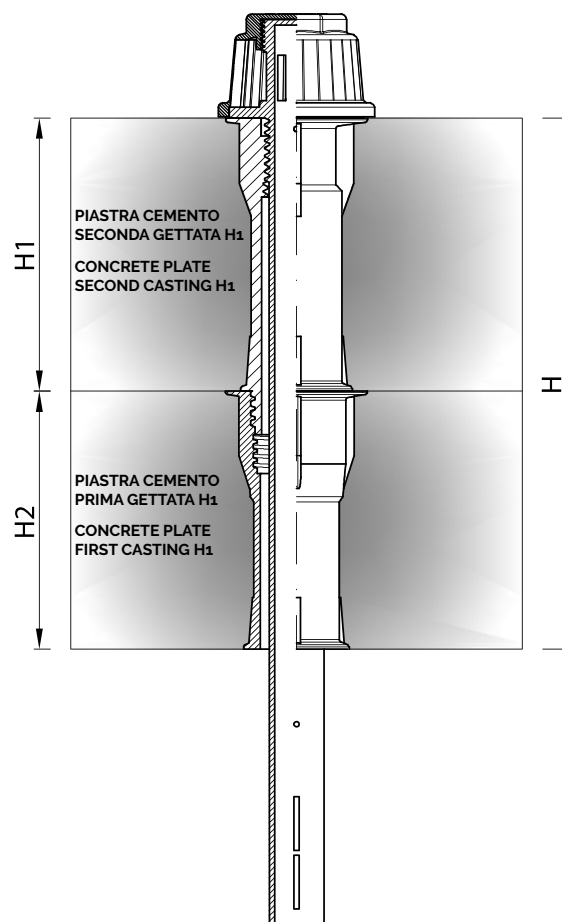
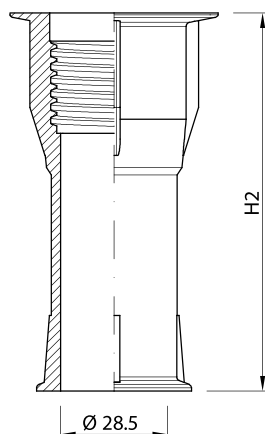
GEM



GEF



GEL





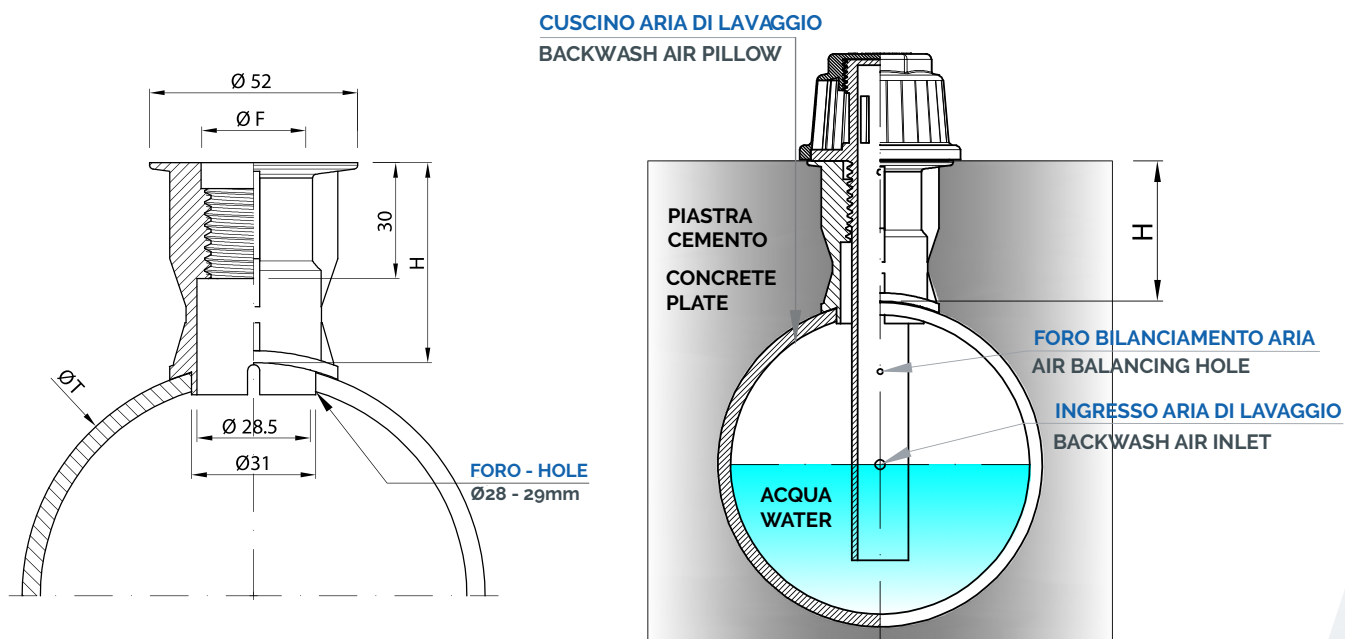
- **Necessari per il fissaggio di ugelli su piastre in cemento di filtri a gravità**
- **Adatti per essere incollati su tubazioni in PVC**
- Suitable for installation of nozzles in concrete plates of gravity filters
- Suitable for bonding to PVC pipes

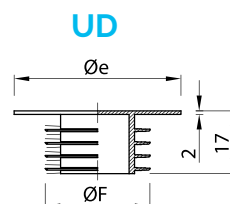
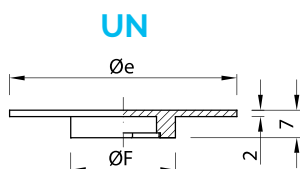
Materiale
Material

ABS

Modello Model	H - Altezza manicotto H - Sleeve height mm	Filetto femmina Female thread	Ø Foro tubo Pipe hole Ø mm	ØT Diametro tubazione Pipe diameter
M	42, 50, +5 ... 200	1 1/4"W	31,0 - 32,0	63
		15/16"W		75
		1"W		90
		1/2"G		105
		3/4"G		110
				125

ORDINE - ORDER				
Modello Model	H - Altezza H - Height	Filetto femmina Female thread	Tubo Ø Pipe Ø	Materiale Material
M	100	15/16"W	75	ABS





- Utilizzati per proteggere il filetto e l'interno del manicotto G e M durante il getto di cemento
- Used to protect the thread and the internal of the G and M sleeve during concrete casting

Materiale
Material

PP

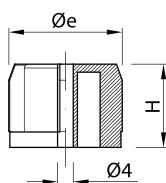
Modello Model	Modello ugello Nozzle model	øe mm	øF mm	Filetto manicotto Sleeve thread
UN	T	70	26	15/16"W 1"W - 7/8"W 1/2"G M24 x 3.0
	P - R - D4	60		
	T	70	32	1 1/4"W 3/4"G
	P - R - D4	60		
UD		45,0	28,5	1 1/4"W 15/16"W 1"W 7/8"W 1/2"G 3/4"G M24 x 3.0

Accessori prodotti in PP Naturale (Bianco)
Accessories produced in PP Natural (White)

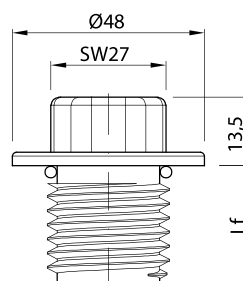
ORDINE - ORDER			
Modello Model	øe	øF	Materiale Material
UN	60	26	PP
UD			PP



CF



PD/PDT



- CF - Utilizzati per fissare il manicotto G sullo stampo durante il getto di cemento

- CF - Used to fix the G sleeve during concrete casting

Materiale

Material

PP

- PD - Fornito senza O-Ring per fissare il manicotto G durante il getto di cemento
- PDT - Fornito con O-Ring può essere utilizzato per eseguire test in pressione di piastre filtri a gravità

- PD - Supplied without O-Ring to fix the G sleeve during concrete casting
- PDT - Supplied with O-Ring to perform pressure test of gravity filters plates

Materiale

Material

Tappo - Cap

O-Ring

PP

NBR

Modello Model	Øe mm	H mm	Filetto manicotto Sleeve thread
CF	28,5	21,0	1 1/4"W 15/16"W 1"W 7/8"W 1/2"G 3/4"G M24 x 3.0

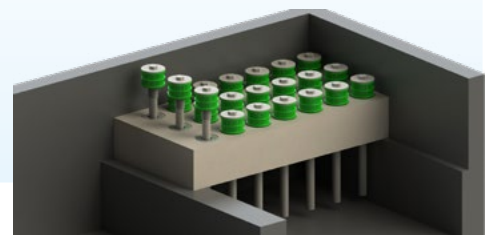
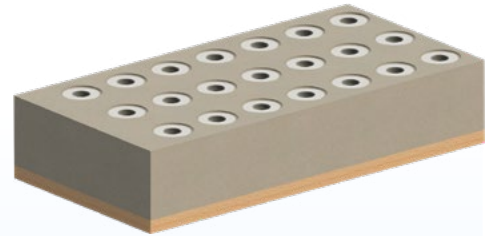
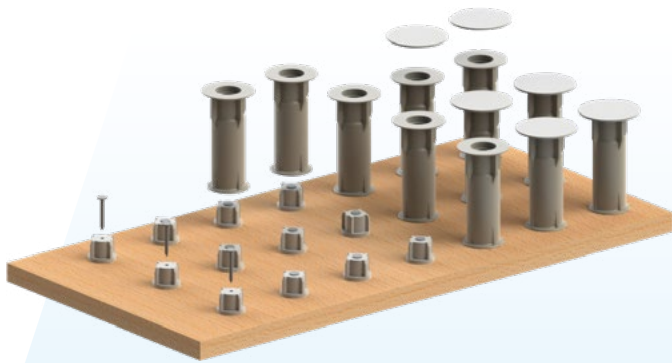
Modello Model	Filetto Thread	Lf - Lunghezza filetto Thread length mm	O - Ring PDT
PD PDT	1 1/4"W	30 - 55	4100
	15/16"W	25 - 35 - 55	4075
	1"W	25 - 35 - 55	4075
	7/8"W	35	4075
	1/2"G	25 - 35 - 55	4075
	3/4"G	25 - 35 - 55	4075
	M24 x 3.0	25 - 35 - 55	4075

Accessori prodotti in PP Naturale (Bianco)
Accessories produced in PP Natural (White)

ORDINE - ORDER			
Modello Model	Filetto Thread	LF	Materiale Material
CF			PP
PD	15/16"W	55	PP

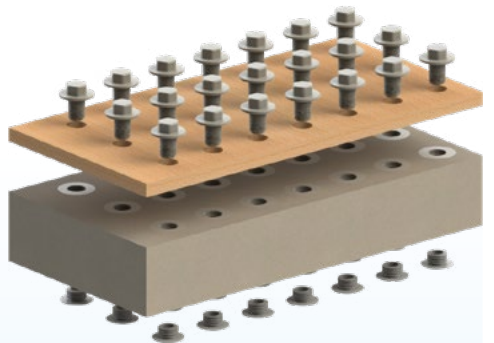
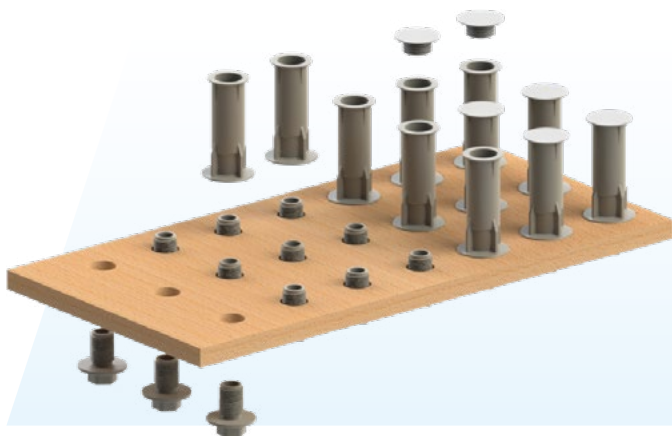
Metodo standard

Standard method



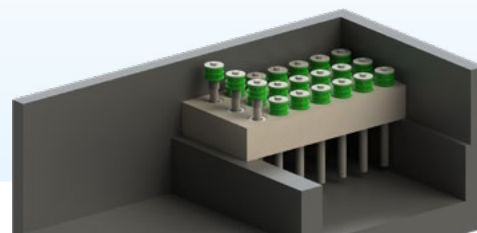
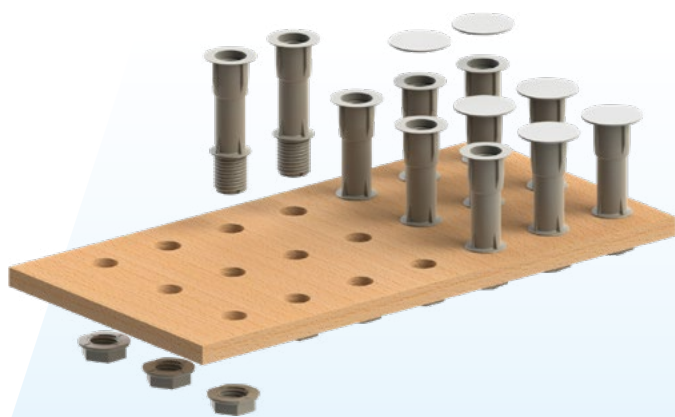
Metodo piastra capovolta

Upside down method



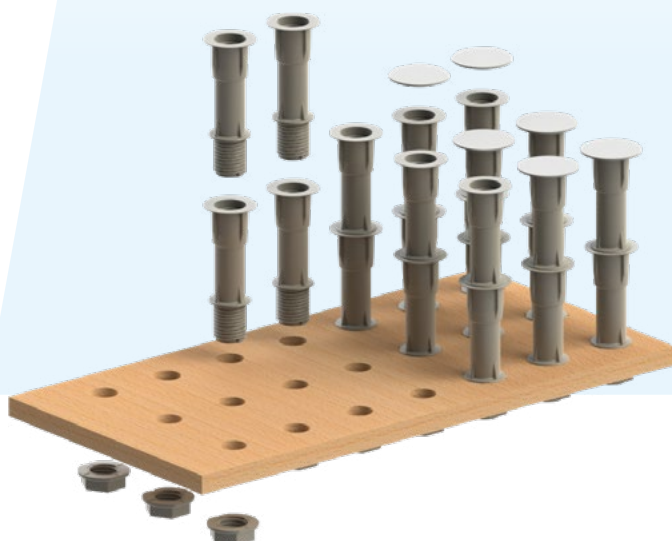
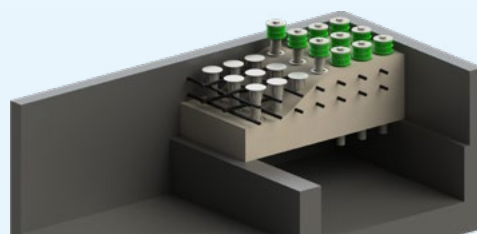
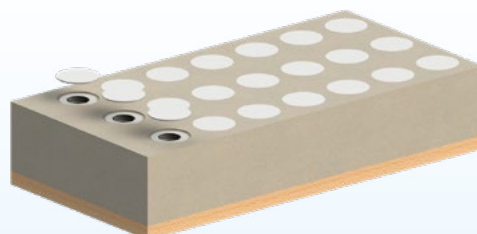
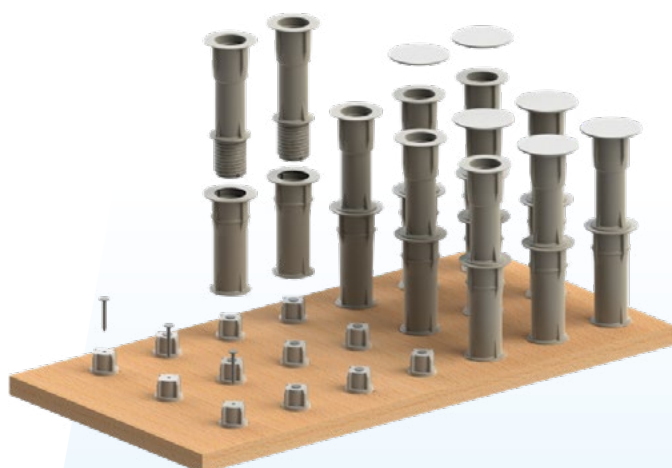
Metodo standard con dado

Standard method with nut



Metodo "Pre dalle"

"Pre dalle" method



CHDX



- Chiave in acciaio inox per bloccaggio tasselli ad espansione TS - TL utilizzata durante l'installazione ugelli
- Stainless steel locking wrench for expanding bolts TS - TL used for nozzles installation

CHSX



- Chiave in acciaio inox per bloccaggio tasselli ad espansione TS - TL utilizzata durante la rimozione degli ugelli
- Stainless steel locking wrench for expanding bolts TS - TL used for nozzles removal

CHTC10



Adattatore
Adapter



- Cacciavite dinamometrico 2-10 Nm per serraggio controllato ugelli, utilizzabile manualmente o su avvitatore elettrico
- Torque screwdriver 2-10 Nm for nozzle tightening, usable by hand or on electric tool

CHTW6



Adattatore
Adapter



- Cacciavite dinamometrico 3-6 Nm per serraggio controllato manuale degli ugelli
- Torque screwdriver 3-6 Nm for manual nozzle tightening

BUSSOLA SOCKET



- **SW19**

Testa ugello - Nozzle head
Model T - R

- **SW32**

Testa ugello - Nozzle head
Model P

- **SW44**

Testa ugello - Nozzle head
Model D4

CHMN



- **Chiave in polipropilene con presa esagonale SW32 - SW44 per avvitamento manuale ugelli Mod. P - P7 - D4 - SF**

- Assembly wrench in polypropylene with inner hexagon SW32 - SW44 for nozzle screwing by hand Mod. P - P7 - D4 - SF

CHD3



- **Chiave in alluminio con presa superiore 3/8" per avvitamento ugelli Mod. D3**

- Assembly wrench in aluminum with upper hexagon 3/8" for nozzle screwing Mod. D3

CHD9



- **Chiave in alluminio con presa per avvitamento manuale ugelli Mod. D9**

- Assembly wrench in aluminium for nozzle screwing by hand Mod. D9