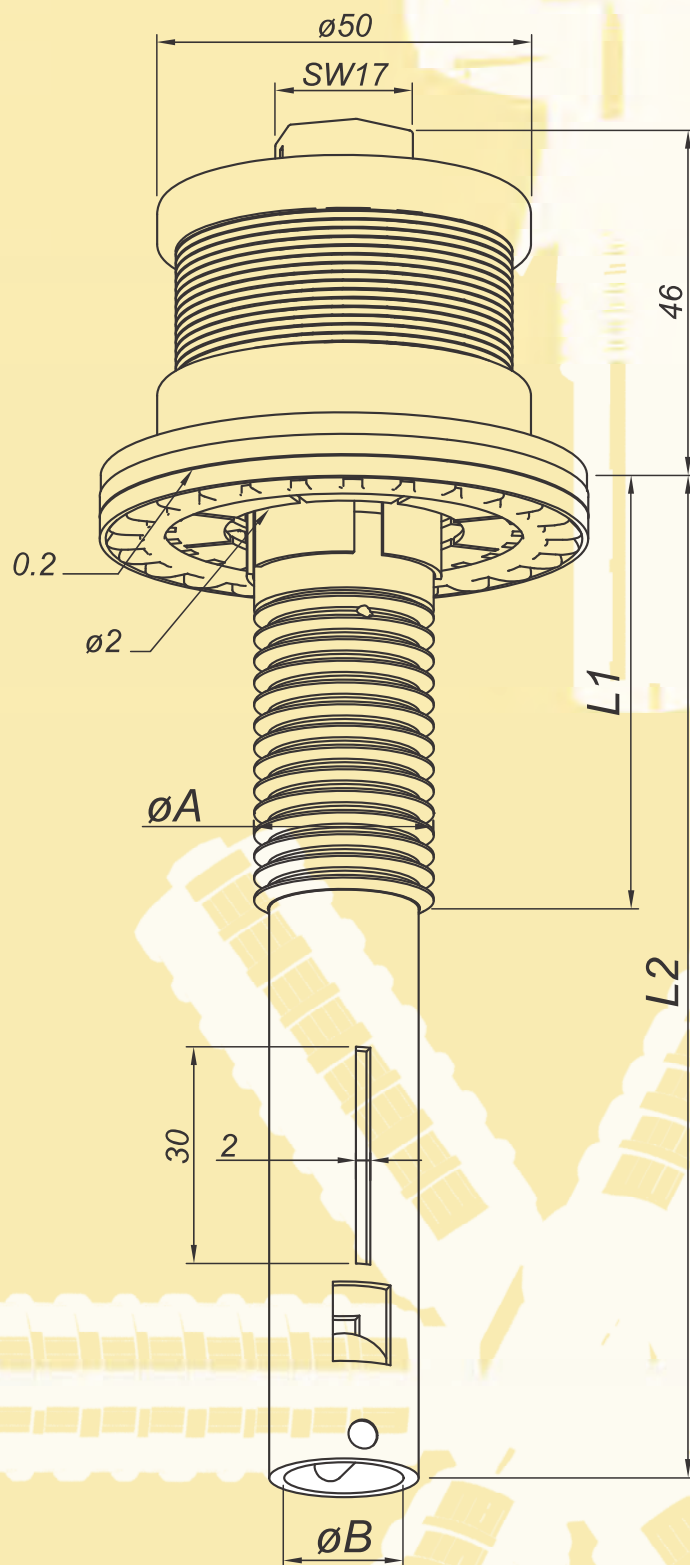


KSH



Sonderanfertigungen

Material- beständigkeit	Constancy of the material	Résistance du matériel	Resistencia del Material
Unsere Filterdüsen und Filterdüsensterne werden aus Polypropylen hergestellt. Polypropylen (PP) ist in Abhängigkeit vom Druck zum Beispiel beständig bei 60°C (333 K) gegen:	Our Filter nozzles and Filter nozzles-stars are made of polypropylene. Depending on the drop in pressure for example at 60°C (333 K) Polypropylene (PP) is resistant against:	Nos crépines à filtre sont fabriquées en polypropylène. Le polypropylène (PP) résiste, en fonction de la pression, par exemple à 60°C (333 K) aux produits suivants:	Nuestras toberas y estrellas filtrantes están fabricadas en polipropileno (PP). Dependiendo de la presión puntual de entrada y por ejemplo a 60°C (333 K), el polipropileno es resistente a:
Ammoniak w 10 % Formaldehyd w 10 % Isopropanol w jede Methanol w 50 % Natronlauge 50 % Salzsäure 50 % Schwefelsäure 50 % Sodawasser Ozon 20°C, 50 ppm (0,5mg/L)	ammonia ag 10 % formaldehyde ag 10 % isopropanol all concentrations methanol ag 50 % caustic soda solutions 50 % hydrochloric acid 50 % sulfuric acid 50 % soda water ozone 20°C, 50 ppm (0,5mg/L)	ammoniaque aq 10 % formaldéhyde aq 10 % isopropanol aq toute concentration méthanol aq 50 % solution de soude 50 % acide chlorhydrique 50 % acide sulfurique 50 % eau soda ozone 20°C, 50 ppm (0,5mg/L)	amoníaco, sol. 10 % formaldehído, sol. 10 % isopropanol, cualquier conc. metanol, sol. 50 % sosa cáustica, sol. 50 % ácido clorhídrico, conc. 50 % ácido sulfúrico, conc. 50 % agua de soda Ozono 20°C, 50 ppm (0,5mg/L)
Polypropylen ist physiologisch unbedenklich.	Polypropylene is physiologically unobjectionable.	Le polypropylène est physiologiquement neutre.	El polipropileno es inocuo.
Polypropylen wird bei zunehmenden Frost spröder. Bitte, behandeln Sie Produkte aus PP entsprechend. Bei Kälte empfehlen wir die Filterdüsen und Mutter vor der Montage zu erwärmen.	With increasing frost polypropylene gets more sensitive. Please, handle all articles made of polypropylene accordingly. If it is cold we recommend to warm up filter nozzles and nuts before installation.	Le polypropylène devient plus cassant en cas de gel croissant. Veuillez traiter les produits en polypropylène en tenant compte de ce facteur. Lors de basse température nous recommandons le réchauffement des crépines à filtre ainsi que des écrous avant le montage.	A bajas temperaturas la fragilidad del polipropileno aumenta. Deben utilizarse los productos fabricados en PP, teniendo en cuenta la anterior circunstancia. En caso de bajas temperaturas, recomendamos calienten las toberas filtrantes y tuercas antes de su montaje.
Für Heißwasser bis max. 110°C empfehlen wir in Abhängigkeit vom Druck Polypropylen mit chemisch gekoppelter 30% Glasfaser (PP GV 30 S). Mit dem Einsatz von PPGV30s ändern sich die angegebenen Maße. Bitte bei Bedarf nachfragen.	For hot water of a continuous temperature of up to max. 110°C depending on the drop in pressure we recommend polypropylene with chemically combined 30% glass fibres. Using PPGV30s, the indicated measurements may change. If required, please contact us for information.	Pour de l'eau chaude à température constante allant jusqu'à 110°C max., nous recommandons l'utilisation du polypropylène chargé à 30% de fibres de verre. Pour le PPGV30s, Les dimensions indiquées peuvent changer. Les cas échéant, n'hésitez Pas à nous contacter pour plus d'informations.	Para agua caliente a temperatura constante hasta un máx. de 110°C, y dependiendo de la presión puntual de entrada, recomendamos utilizar nuestras toberas fabricadas en PP reforzadas con el 30% de fibra de vidrio. Utilizando PPGV30s, las medidas indicadas pueden variar. En caso necesario, les pedimos que contacten con nosotros para especificaciones.
Für Heißwasser bis max. 135°C empfehlen wir in Abhängigkeit vom Druck PVDF. (Bedingt beständig gegen konzentrierte Laugen).	For hot water of a continuous temperature of up to max. 135°C depending on the drop in pressure we recommend PVDF. (Conditionally resistant to concentrated caustic solutions).	Pour de l'eau chaude à température constante allant jusqu'à 135°C max., nous recommandons l'utilisation du PVDF (résistance limitée aux solutions concentrées).	Para agua caliente a temperatura constante hasta un máx. de 135°C, dependiendo de la presión puntual de entrada, recomendamos utilizar nuestras toberas fabricadas en PVDF. Resisten soluciones concentradas de bases fuertes (con restricciones).
Farben für Schlitze (PP): 0,2 = elfenbein 0,3 = grün 0,35 = weiß 0,5 = grau 0,7 = gelb 0,8 = blau 1,0 = schwarz 1,5 = orange 2,0 = grün	Colour of slots (PP): 0,2 = ivory 0,3 = green 0,35 = white 0,5 = grey 0,7 = yellow 0,8 = blue 1,0 = black 1,5 = orange 2,0 = green	Coloration par fente (PP): 0,2 = ivoire 0,3 = vert 0,35 = blanc 0,5 = gris 0,7 = jaune 0,8 = bleu 1,0 = noir 1,5 = orange 2,0 = vert	Color de las ranuras (PP): 0,2 = marfil 0,3 = verde 0,35 = blanco 0,5 = gris 0,7 = amarillo 0,8 = azul 1,0 = negro 1,5 = naranja 2,0 = verde
Anzugsmoment siehe Montageanleitungen	Tightening torque see at Installation-instruction	couple de serrage voir instructions de montage	Par de apriete en el manual de instrucciones
1 mWS = ca. 0,1 bar	1 mWS = approx. 0,1 bar	1 m de colonne d'eau = env. 0,1 bar	1 mWS = aprox. 0,1 bar
Gewinde in Anlehnung an DIN ISO 228 für G, BSP ANSI B1.20.1-1983 für NPT, NPSM ANSI B1.1a-1984 für UN	Threads in the approach of DIN ISO 228 for G, BSP ANSI B1.20.1-1983 for NPT, NPSM ANSI B1.1a-1984 for UN	Les fils dans l'approche de DIN ISO 228 pour G, BSP ANSI B1.20.1-1983 pour NPT, NPSM ANSI B1.1a-1984 pour UN	Número aproximado hilos de rosca según DIN ISO 228 para G, BSP ANSI B1.20.1-1983 para NPT, NPSM ANSI B1.1a-1984 para UN
Maße in mm.	Dimensions in mm.	Dimension en mm.	Dimensiones en mm.
Irrtümer / Druckfehler Technische Änderungen vorbehalten.	Error / Pressure Failure We reserve the right to alter specifications.	Sous réserve de fautes ou d'erreurs d'impression et de modifications techniques.	Error / Fallo de Presión Nos reservamos el derecho de alterar las especificaciones técnicas.
Alle technischen Informationen verstehen sich ohne jede Gewähr. Es gelten die Angaben des jeweils angeforderten Datenblattes.	No responsibility is taken for the correctness of the technical information. Only specifically provided data sheets are valid.	Toutes les informations techniques sont sans garantie. Seules les fiches techniques spécifiquement fournies au client sont valables.	Todos informaciones técnicos son sin garantía. Solamente nuestras hojas de datos específicos directamente transmitidos al cliente son válidos.

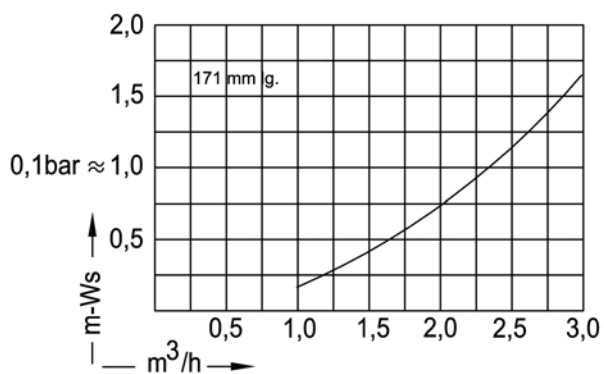
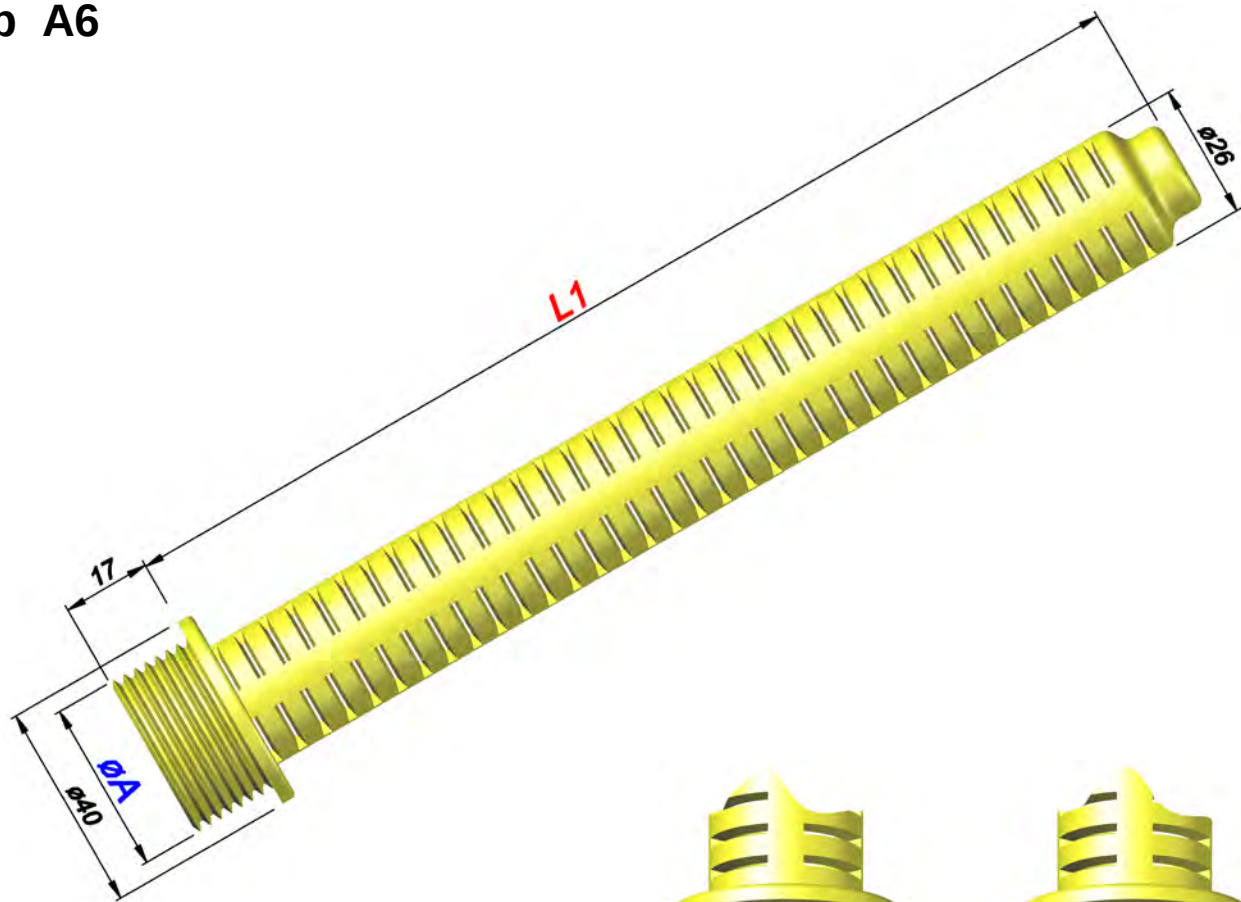
Filterdüsen-
Arme

Filter-Nozzles
Arms

Crépines bras

Brazos de toberas
a filtro

Typ A6



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Länge Length Longueur Largura
	A6	0,25	G 1"	33,25	50, 100, 122, 171, 200, 221, 270, 300
			G 3/4"	26,5	
			QD1	34	

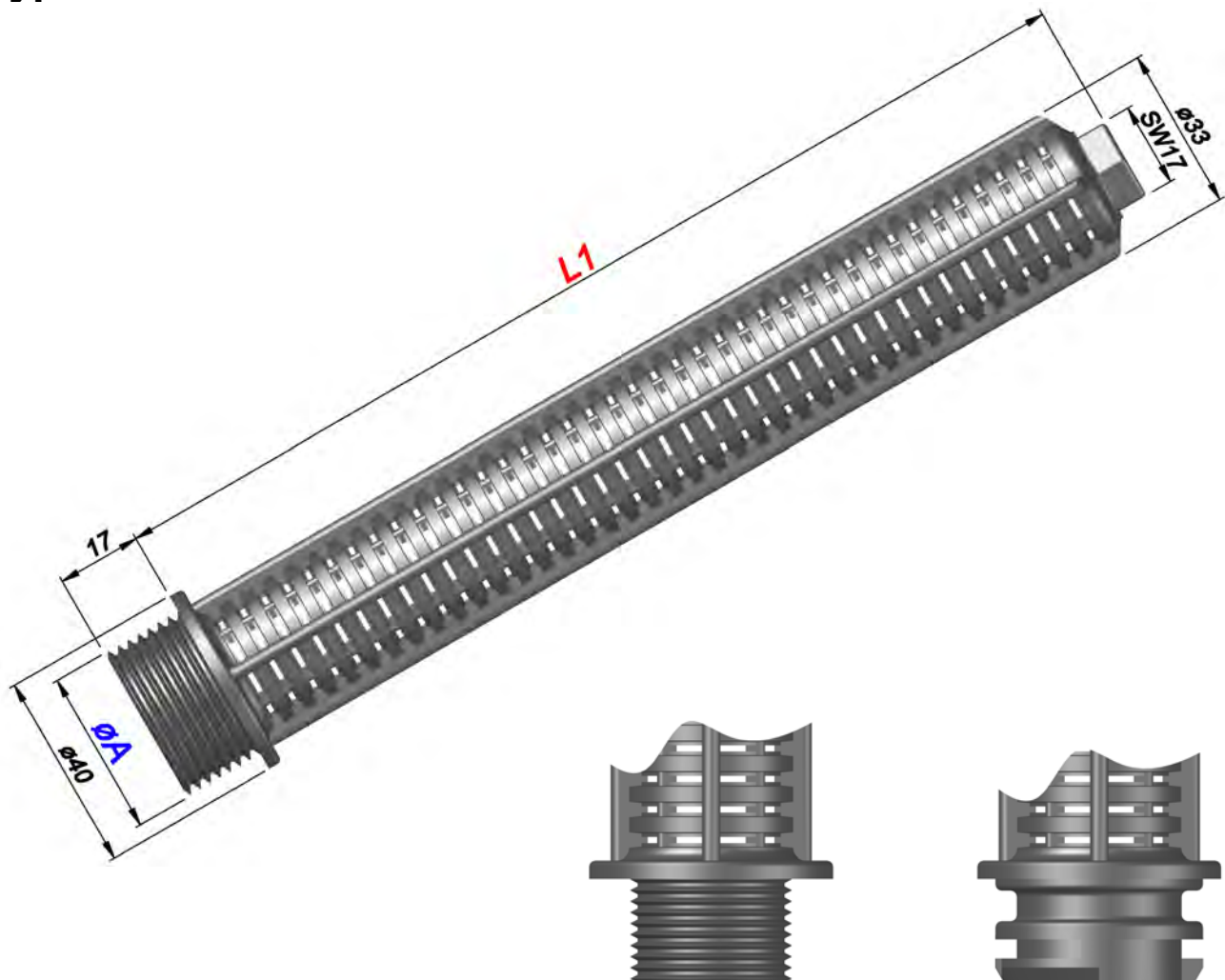
Filterdüsen-
Arme

Filter-Nozzles
Arms

Crépines bras

Brazos de toberas
a filtro

Typ A7



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Länge Length Longueur Largura	$L1$
	A7	1.0	G 1"	33,25	80, 145, 210, 275, 340	
			G 3/4"	26,5		
			QD1	34		

Anschluß-
armatur

Manifold
head

Raccord pour
bouteilles
échangeuses d'ions

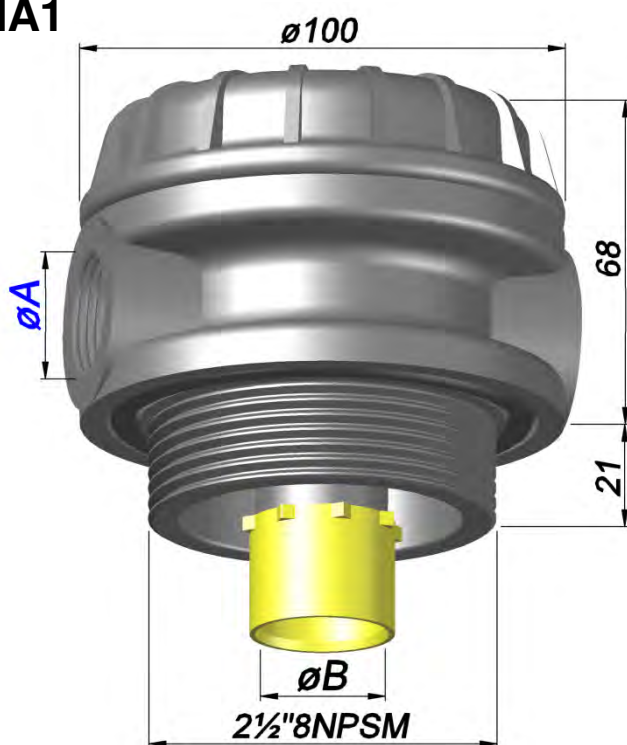
Racor Adaptador
para Botellas de
intercambio Ionico



P max. 8 bar – 120 PSI

T max. 45°C – 110°F

Typ ANA1



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	100	100 = mm	
	ANA1	G 3/4"	1"	25,4
			13/16	20,64
			1,05"	26,67
			25	25,2

Typ ANA-S

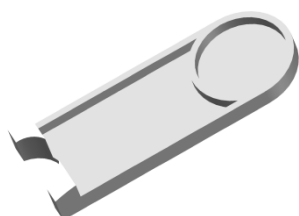
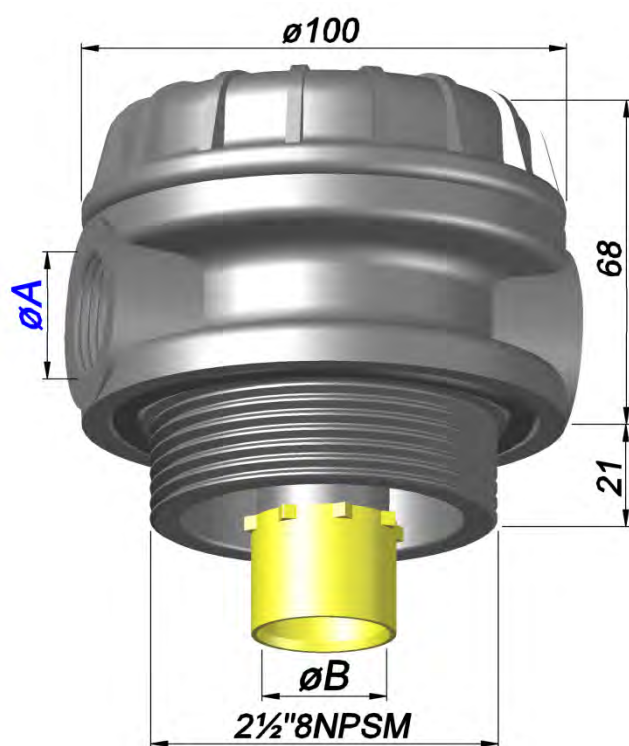


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	
	ANA-S	

Typ ANA-K



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	
	ANA-K	



Anschluß-
armatur

Manifold
head

Raccord pour
bouteilles
échangeuses d'ions

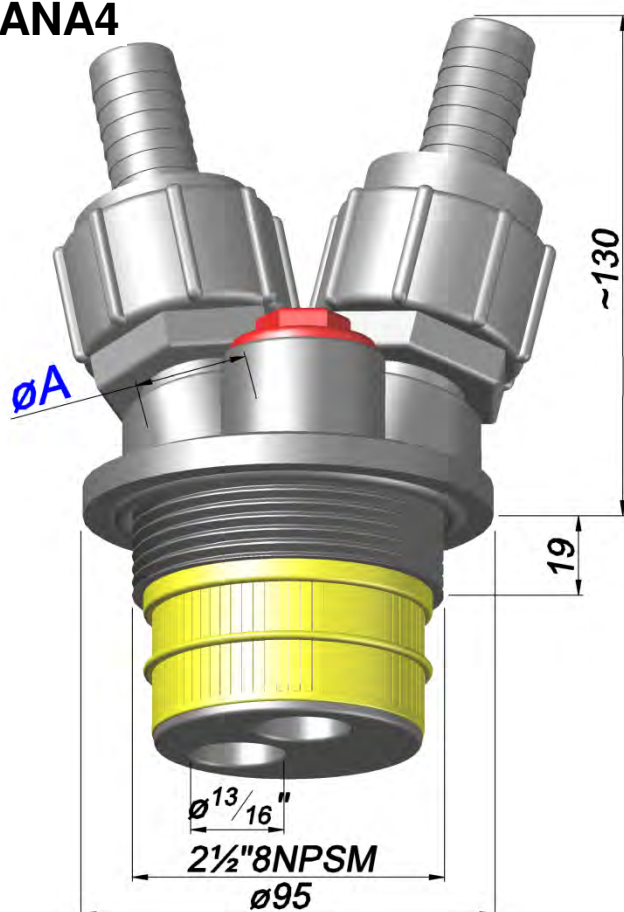
Racor Adaptador
para Botellas de
intercambio Ionico



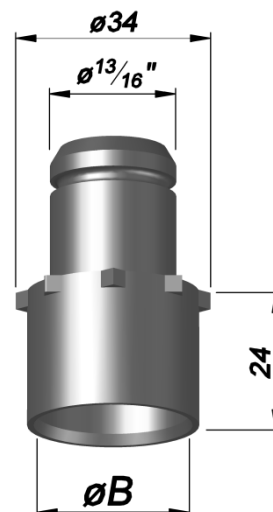
P max. 8 bar – 120 PSI

T max. 45°C – 110°F

Typ ANA4



Typ RA



Bestellung Ordering Commande Encargo	Type Type Type Tipa	øA	Schlitze Slots Fentes Ranuras
	ANA4	G 3/4" 3/4"NPT	0,2 0,3 0,5

Bestellung Ordering Commande Encargo	Type Type Type Tipa	øB	= mm
	RA	1"	Ø 25,4
		1,05"	Ø 26,67
		25	Ø 25,2

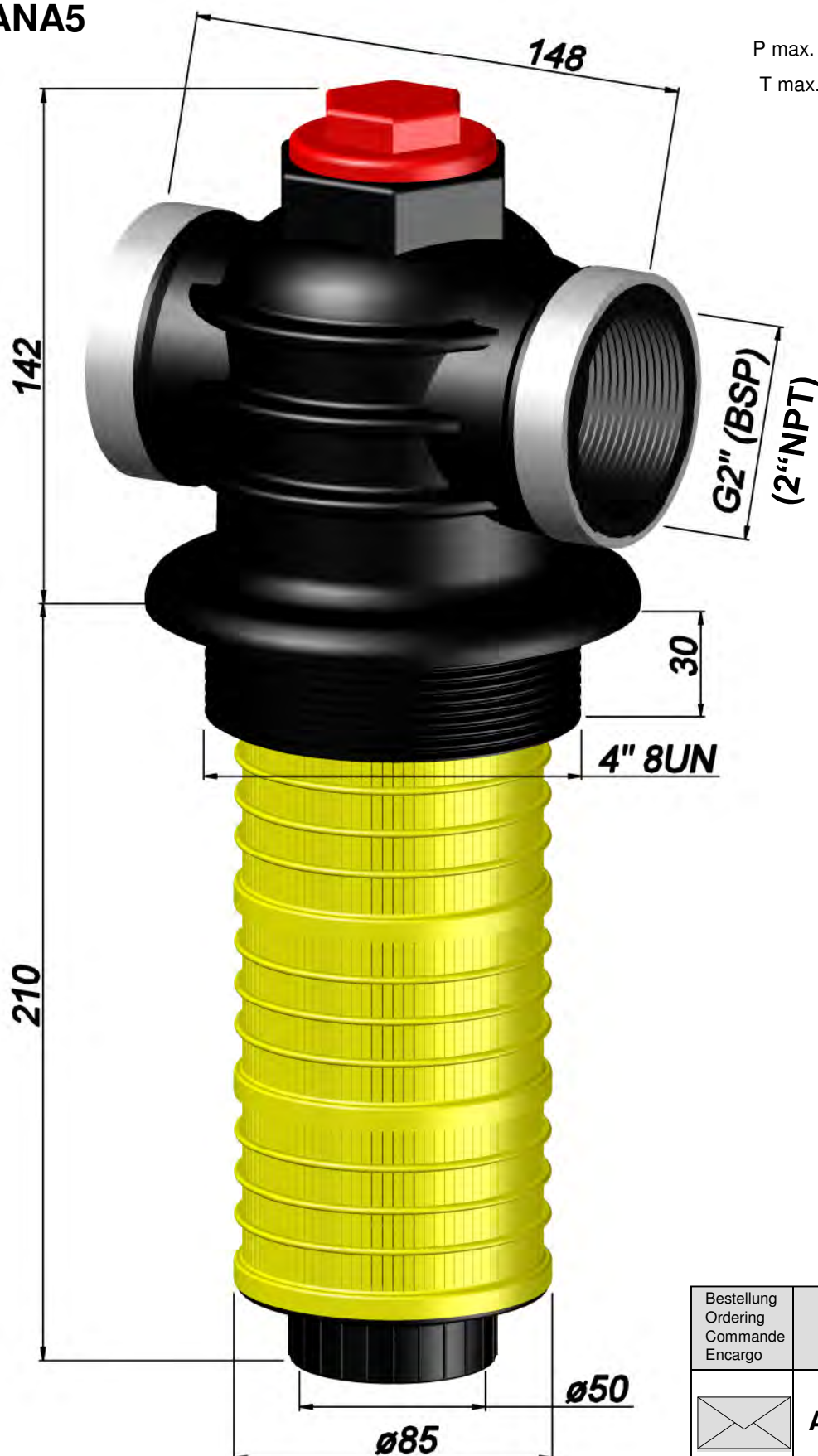
Anschluß-
armatur

Manifold
head

Raccord pour
bouteilles
échangeuses d'ions

Racor Adaptador
para Botellas de
intercambio Ionico

Typ ANA5



P max. 8 bar – 120 PSI

T max. 45°C – 110°F

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras
	ANA5	0,2 0,3 0,5

Anschluß-
armatur

Manifold
head

Raccord pour
bouteilles
échangeuses d'ions

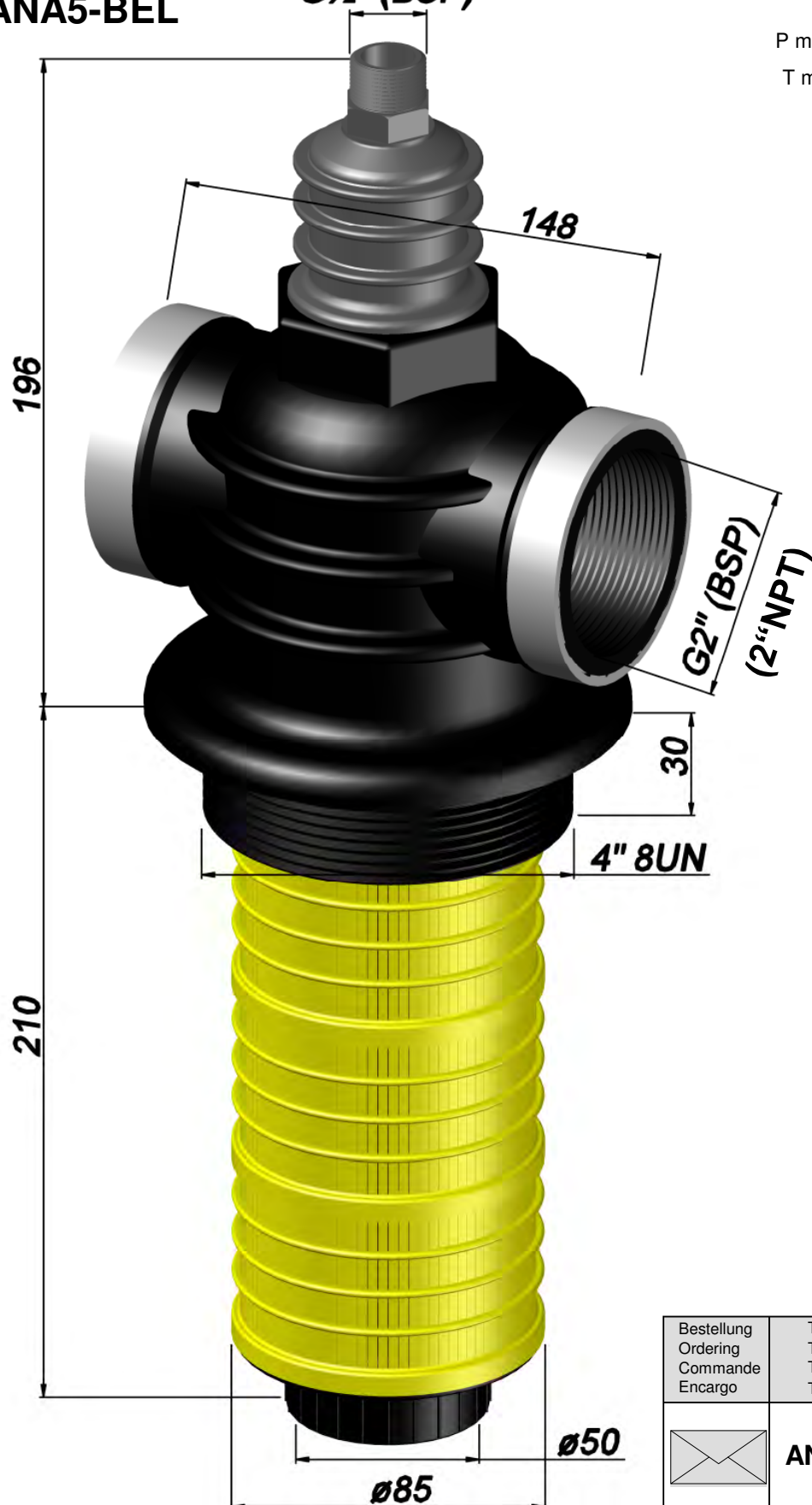
Racor Adaptador
para Botellas de
intercambio Ionico

Typ ANA5-BEL

G½" (BSP)

P max. 8 bar – 120 PSI

T max. 45°C – 110°F



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras
	ANA5-BEL	0,2 0,3 0,5

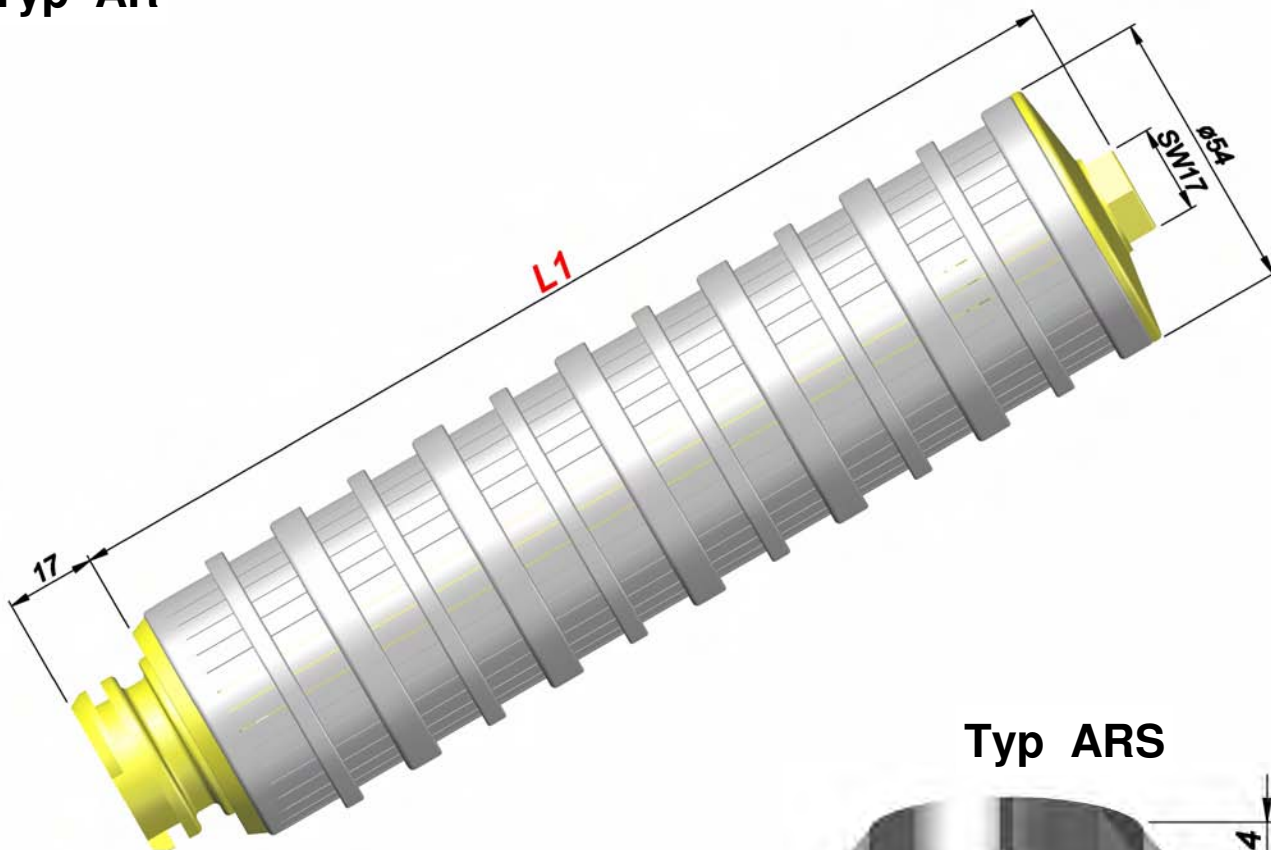
Filterdüsen-
Arme+Sattel

Filter-Nozzles
Arms+saddle

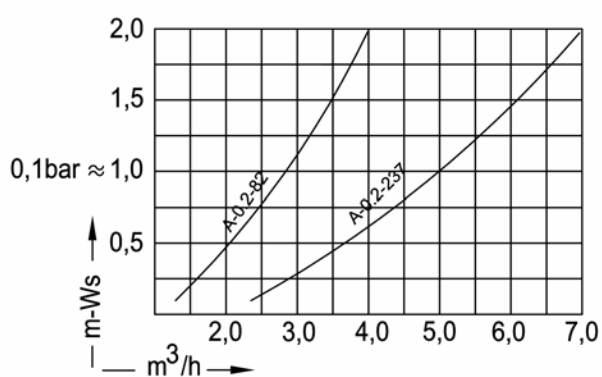
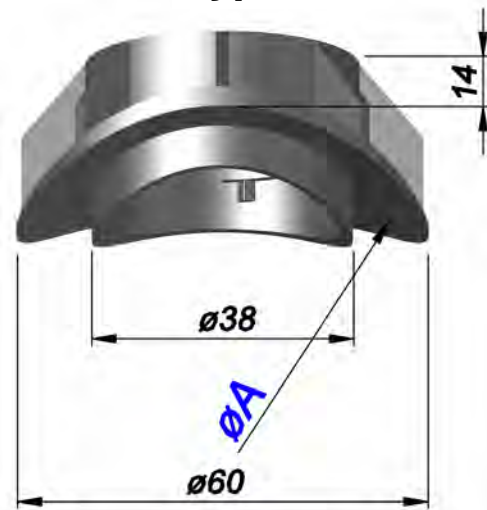
Crépines bras

Brazos de toberas
a filtro

Typ AR



Typ ARS



Bestellung Ordering Commande Encargo	Type Type Type Tipa	Schlitz Slots Fentes Ranuras	øA	Länge Length Longueur Largura	L1
	AR	0,2 0,5 1,0 2,0		82, 113, 144, 175, 206, 237, 268, 299, 330, 361, 392, 423, 454, 485, 516, 547, 578, 609, 640, 671, 702, 733, 764, 795, 826, 857, 888, 919, 950, 981, 1012, 1043, 1074, 1105, 1136, 1167, 1198, 1229, 1260, 1291, 1322, 1353, 1384, 1415, 1446, 1477, 1508, 1539, 1570, 1601, 1632, 1663, 1694, 1725, 1756, 1787, 1818, 1849, 1880, 1911, 1942, 1973, 2004, ...	
	ARS		Ø 63 Ø 75 Ø 90 Ø 114		

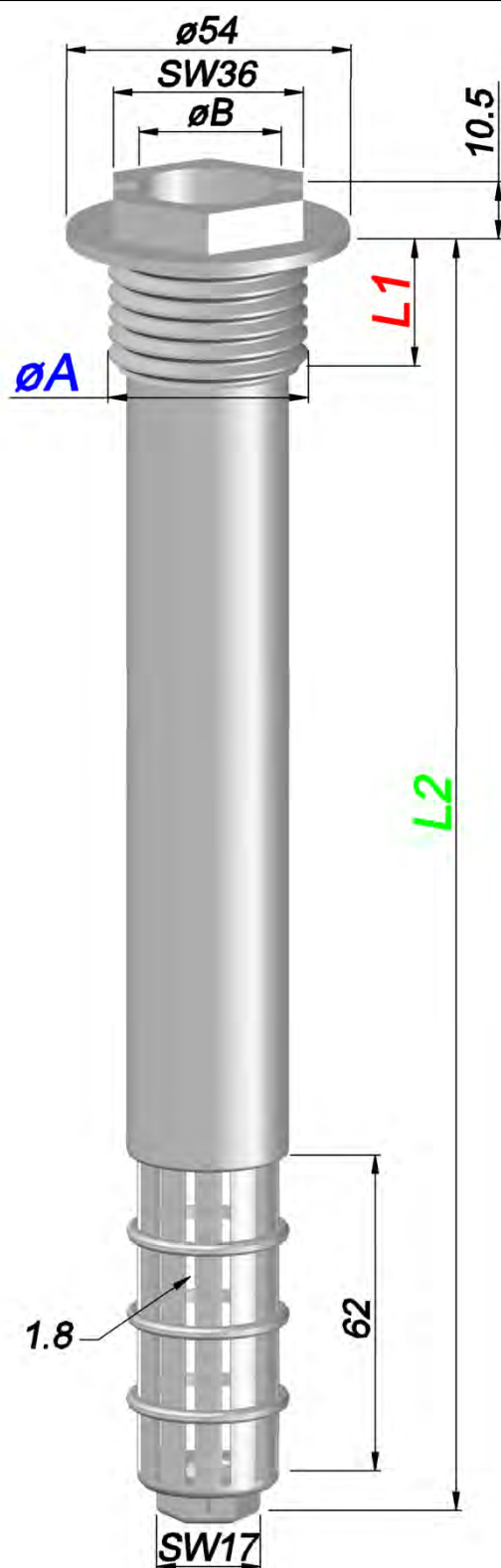
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ AWD



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	$L1$	Schaft Shaft Longueur de tige Tija	$L2$	$\varnothing B$
	AWD	12 x 1,8	1 1/2" WW	38	25		245		$\varnothing 27 = 5,72 \text{ cm}^2$

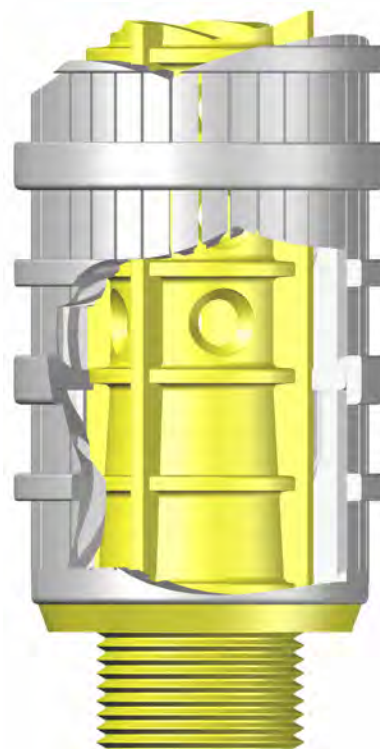
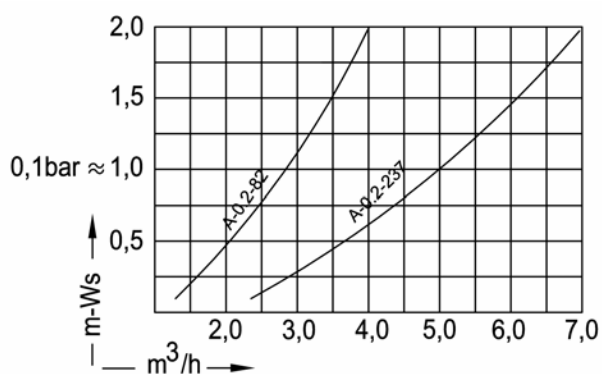
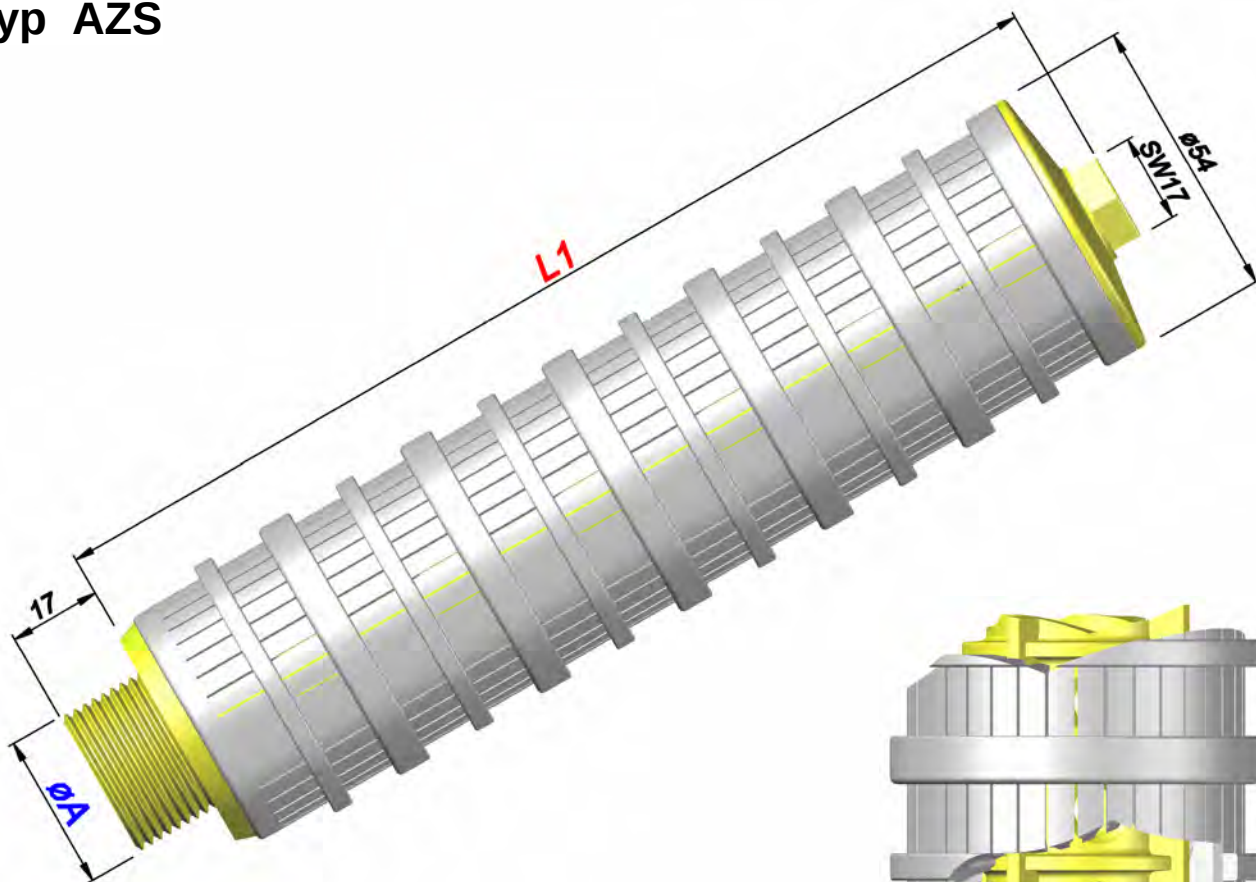
Filterdüsen-
Arme

Filter-Nozzles
Arms

Crépines bras

Brazos de toberas
a filtro

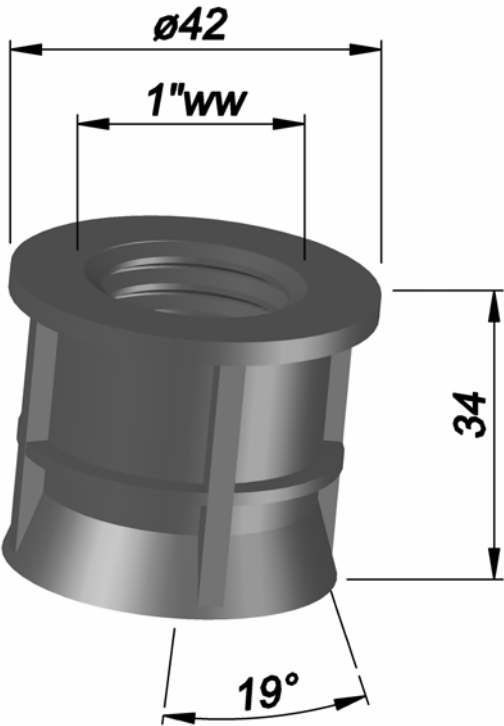
Typ AZS



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Länge Length Longueur Largura	L1
	AZS	0,2 0,3 0,5	M30x2		82, 113, 144, 175, 206, 237, 268, 299, 330, 361, 392, 423, 454, 485, 516, 547, 578, 609, 640, 671, 702, 733, 764, 795, 826, 857, 888, 919, 950, 981, 1012, 1043, 1074, 1105, 1136, 1167, 1198, 1229, 1260, 1291, 1322, 1353, 1384, 1415, 1446, 1477, 1508, 1539, 1570, 1601, 1632, 1663, 1694, 1725, 1756, 1787, 1818, 1849, 1880, 1911, 1942, 1973, 2004, ...	
			3/4"NPT			
			G 3/4"			
			G 1"			

Buchsen für Beton- Filterböden	Sleeves for concrete - floors	Douilles et accessoires pour planchers béton	Casquillos para fondos de filtros de hormigon
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Typ B25K



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	
	B25K	

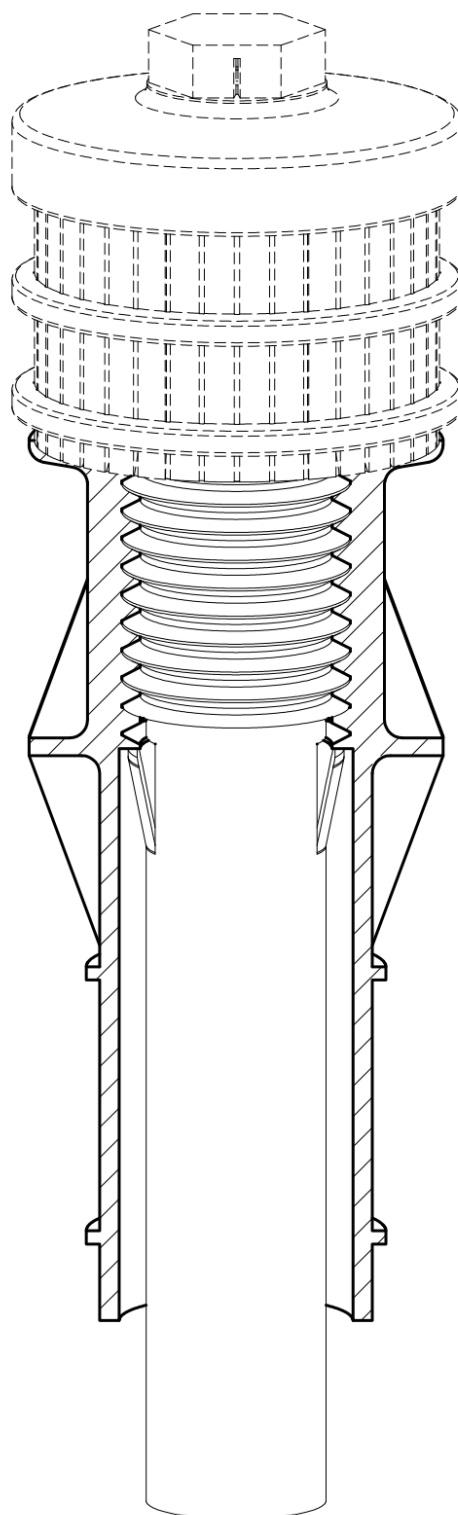
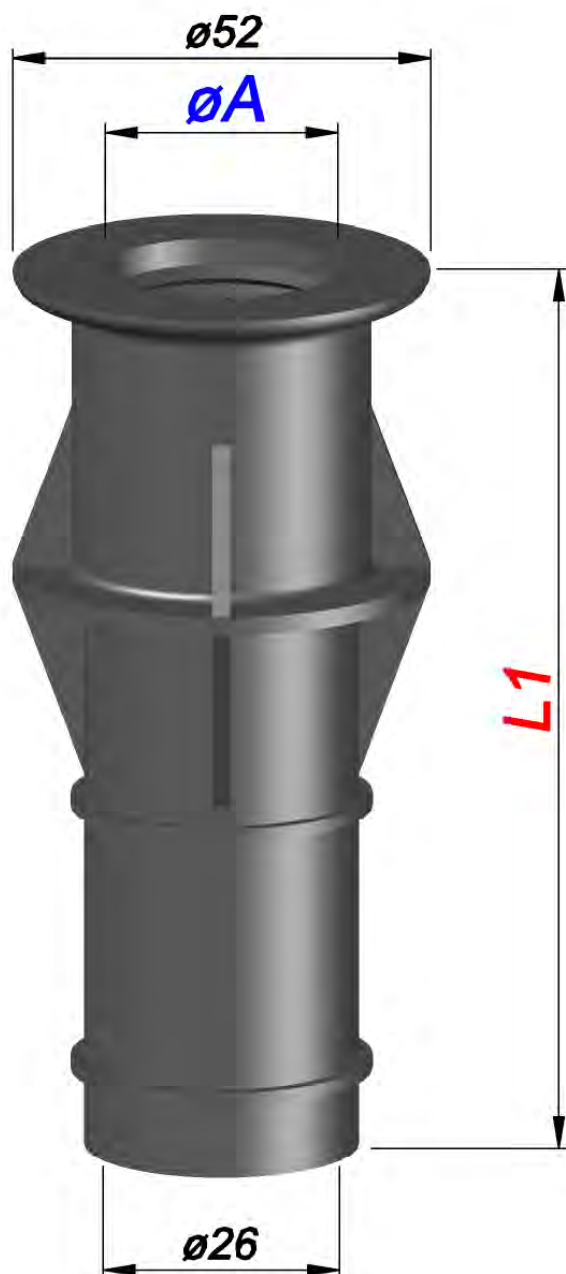
**Buchsen
für Beton-
Filterböden**

**Sleeves for
concrete -
floors**

**Douilles et
accessoires pour
planchers béton**

**Casquillos para
fondos de filtros
de hormigon**

Typ B25R



**Lösungssicherung
Safety device**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca øA	L1	
	B25R	1 "ww	60, +10, +10, ... - 500	

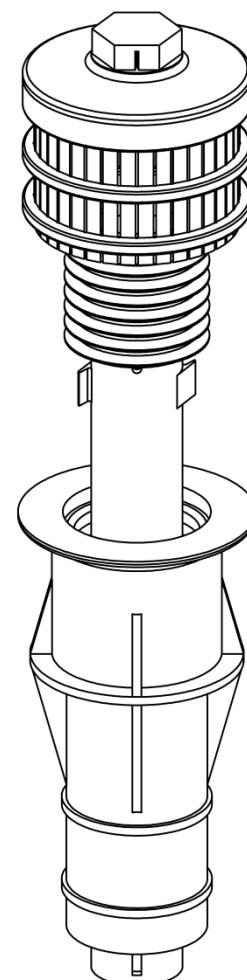
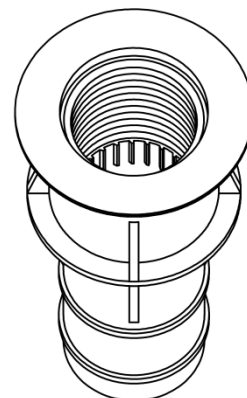
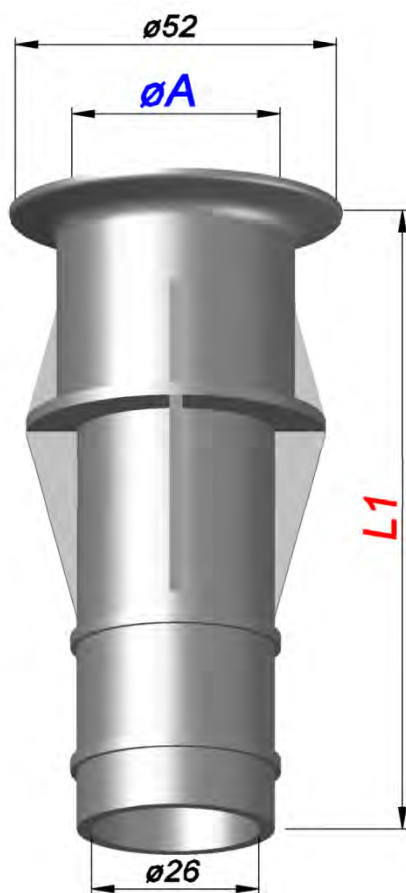
**Buchsen
für Beton-
Filterböden**

**Sleeves for
concrete -
floors**

**Douilles et
accessoires pour
planchers béton**

**Casquillos para
fondos de filtros
de hormigon**

Typ B32F



**Lösungssicherung
Safety device**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca øA	L1	
	B32F	1 1/4"WW	60, +10, +10, ... - 500	

Anfahrentlüfter und
Vacuumbrecher
(Belüfter)

Aeration
valve

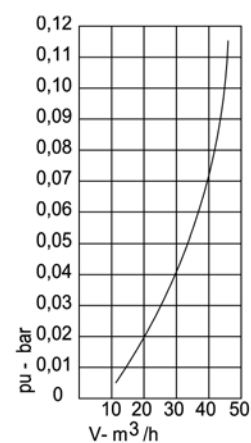
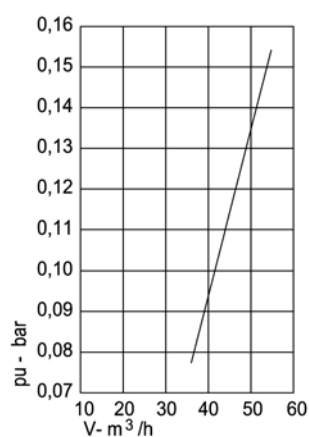
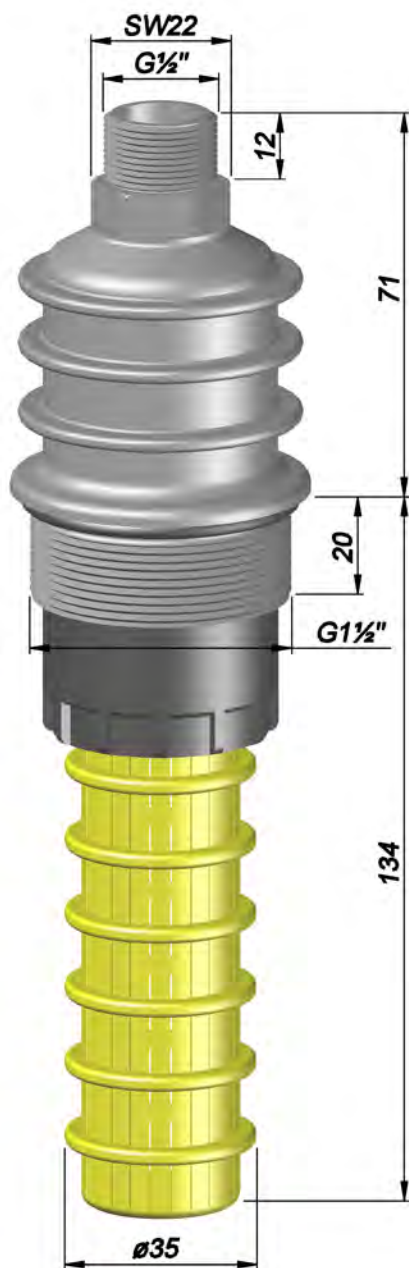
Valve
d'aération

Vavula
de Venteo

Typ BEL

P max. 10 bar

T max. 65°C



Bestellung
Ordering
Commande
Encargo

Typ
Type
Type
Tipa

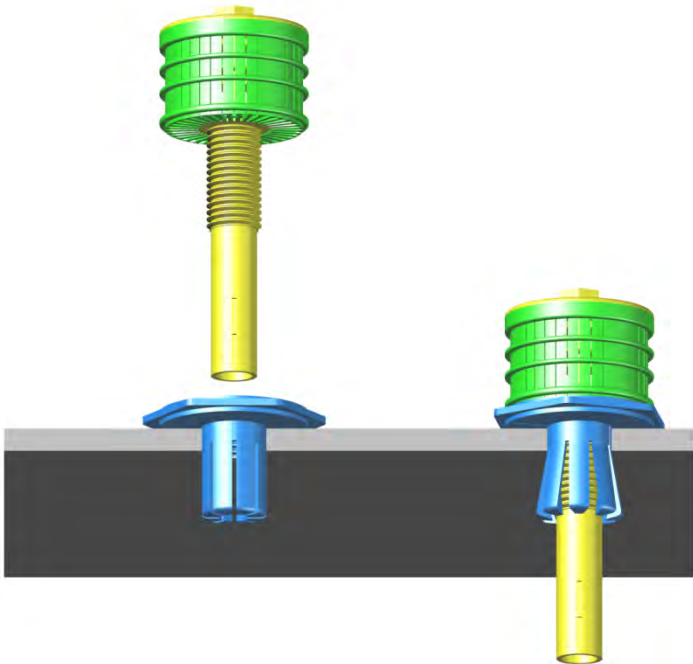
Material
Material
Material
Material



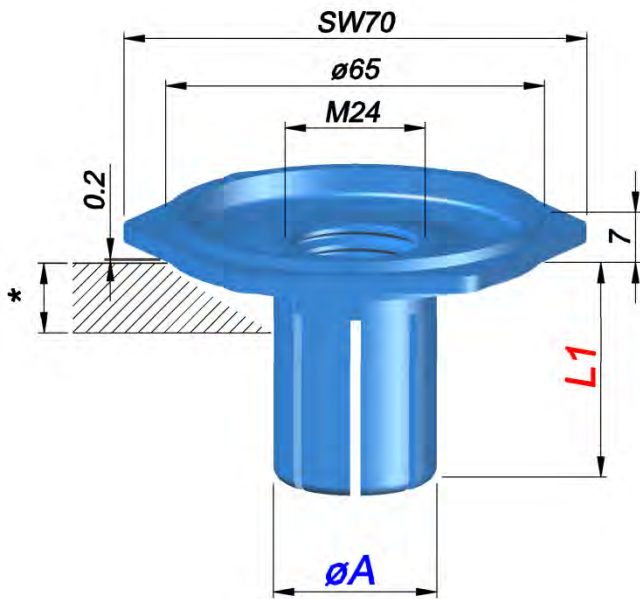
BEL

PP GV30S
PVDF

Dübel	Expanding ring (dowel)	Douilles expansives	Anillas de expansion
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Typ DB70



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	øA	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	*	L1
	DB70	ø28	10 - 15 - elfenbein / ivory		40
			15 - 20 - grau / grey		
			20 - 25 - schwarz / black		
			25 - 30 - blau / blue		
			30 - 35 - weiß / white		60
			35 - 40 - grün / green		
			40 - 45 - braun / brown		
			45 - 50 - orange / orange		

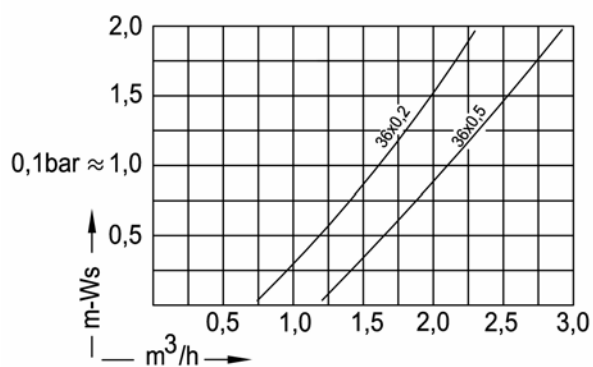
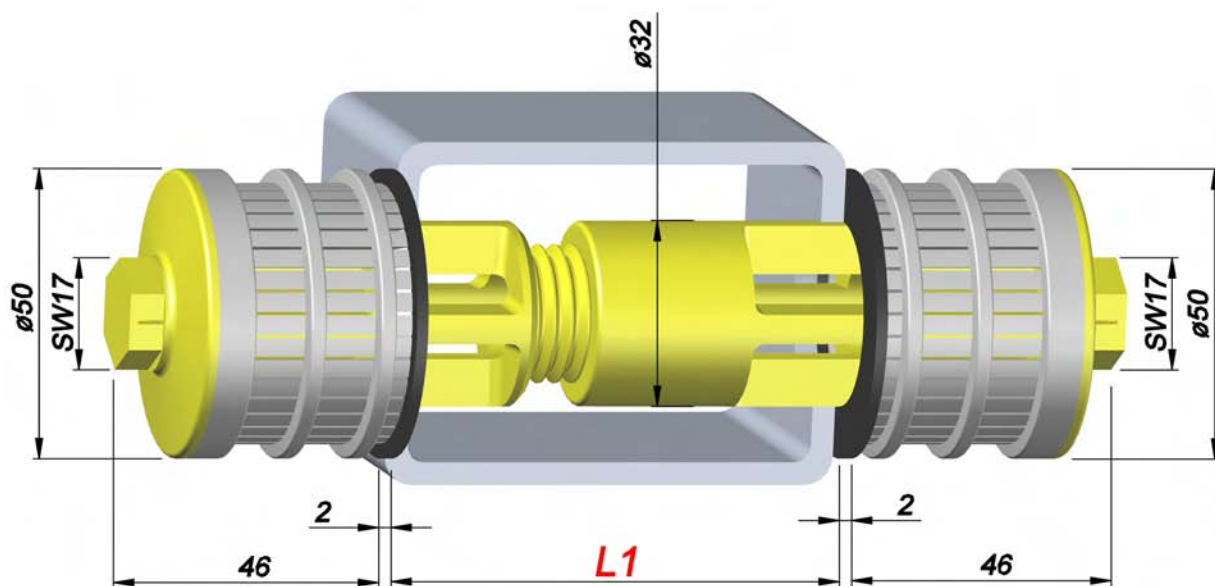
Filterdüsen für
Drainagesystem

Filter-Nozzles for
Drainage system

Système de
drainage

Sistemas de
drenaje

Typ DD



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	L1 = mm
	DD	24 x 0,2 = 0,91 cm ² 36 x 0,2 = 1,37 cm ² 36 x 0,3 = 2,05 cm ² 36 x 0,5 = 3,42 cm ² 36 x 0,8 = 5,46 cm ² 24 x 1,0 = 4,56 cm ² 24 x 1,5 = 6,84 cm ² 20 x 2,0 = 7,00 cm ² 8 x 5,0 = 7,00 cm ²	Nach Angabe according detail selon détails adecuado detalle

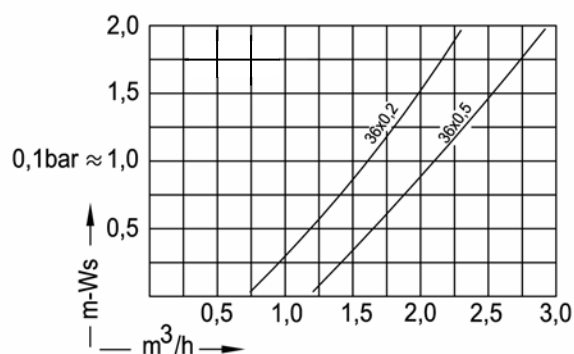
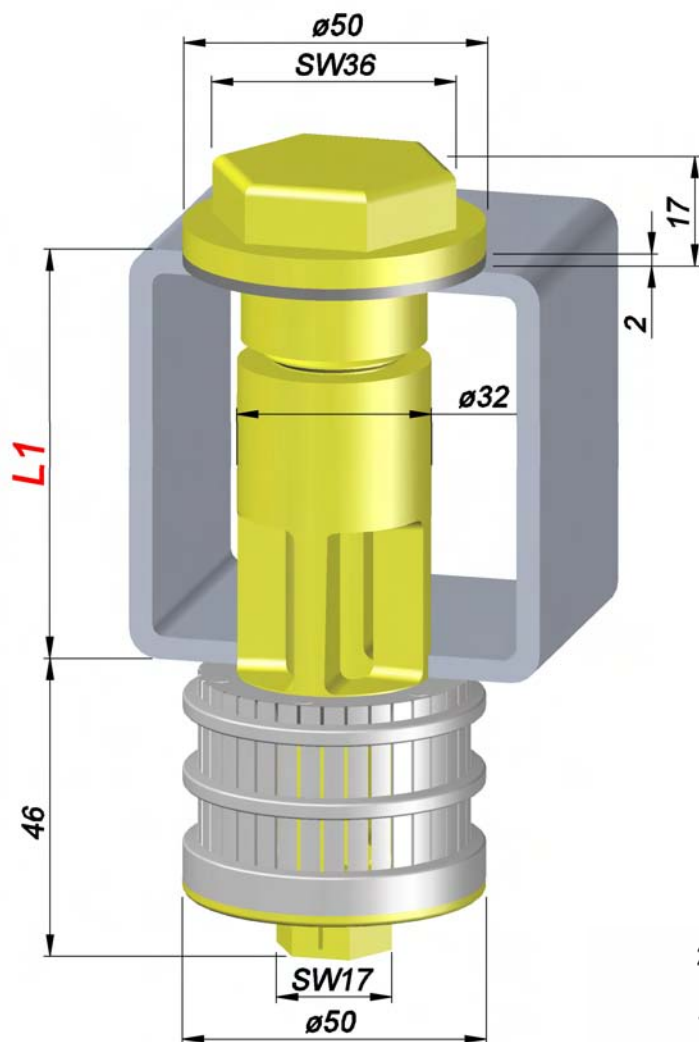
Filterdüsen für
Drainagesystem

Filter-Nozzles for
Drainage system

Système de
drainage

Sistemas de
drenaje

Typ DSR



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	L1 = mm
	DSR	24 x 0,2 = 0,91 cm ² 36 x 0,2 = 1,37 cm ² 36 x 0,3 = 2,05 cm ² 36 x 0,5 = 3,42 cm ² 36 x 0,8 = 5,46 cm ² 24 x 1,0 = 4,56 cm ² 24 x 1,5 = 6,84 cm ² 20 x 2,0 = 7,00 cm ² 8 x 5,0 = 7,00 cm ²	Nach Angabe according detail selon détails adecuado detalle

Entleerungs-
Entnahme-Filterdüsen

Drain-Nozzles

Crépines de drainage

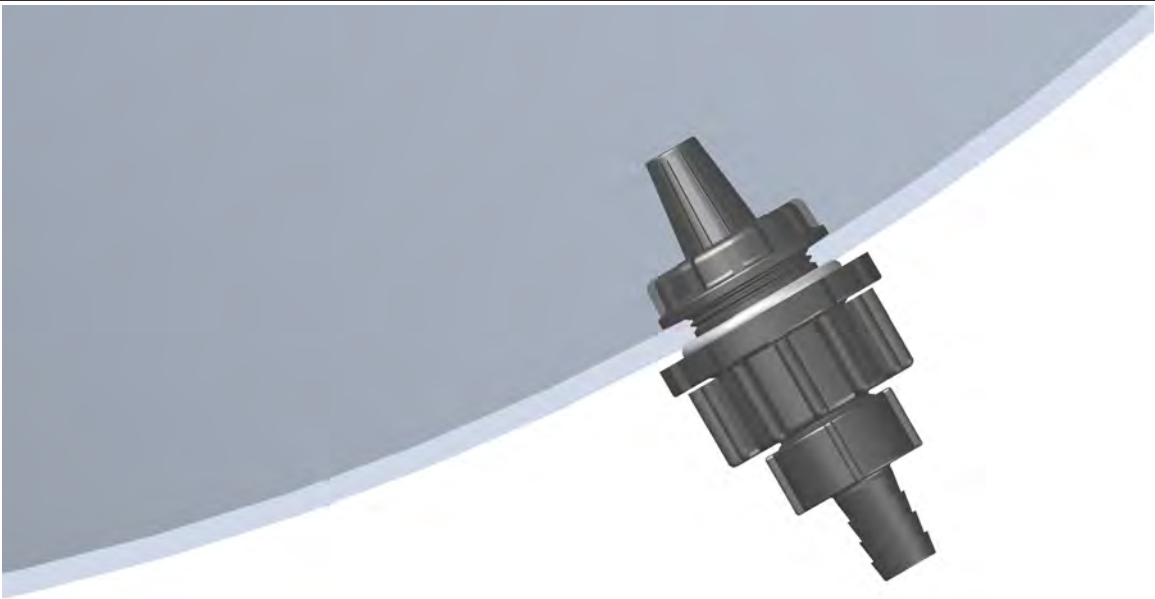
Toberas de drenaje

Montagebeispiel

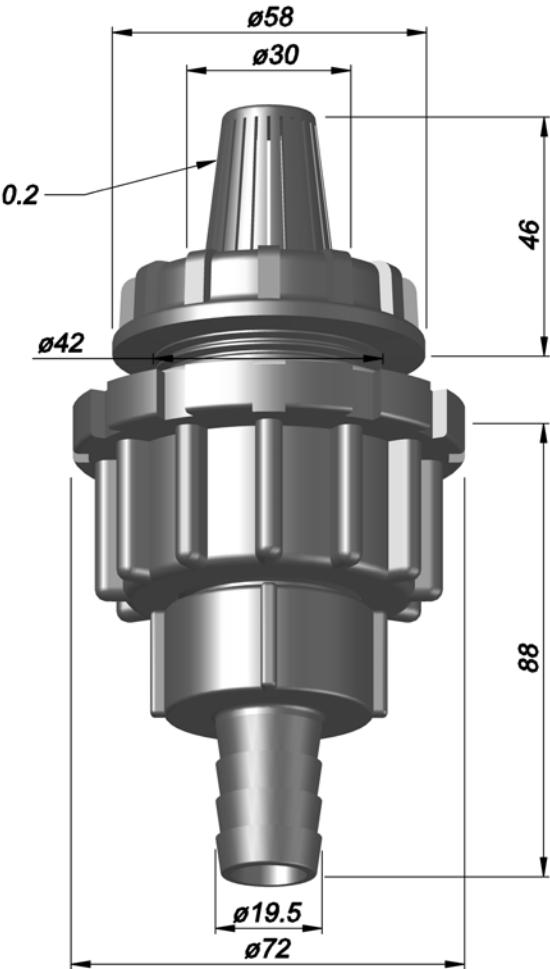
Installation
procedure

Exemple
de montage

Ejemplo
de montaje

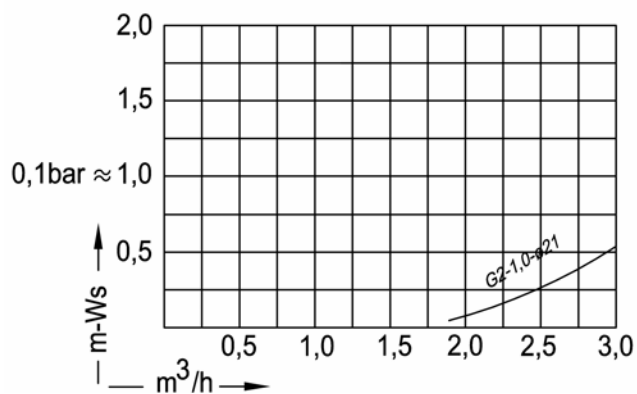
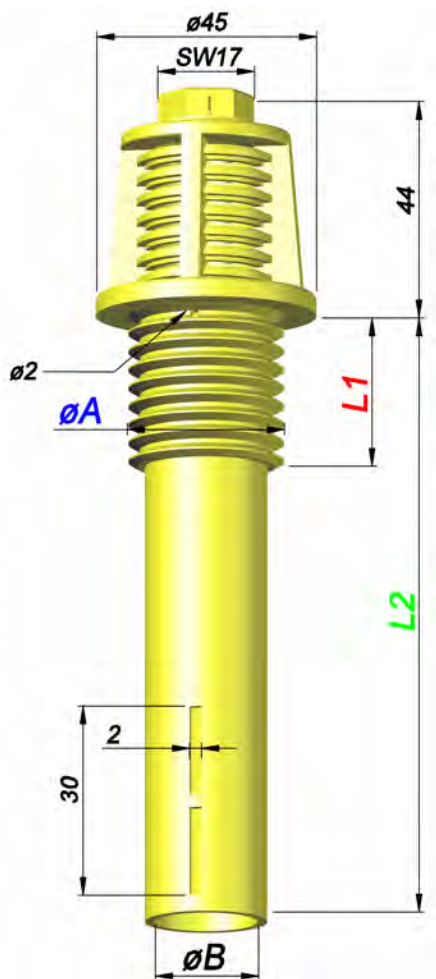


Typ ELV



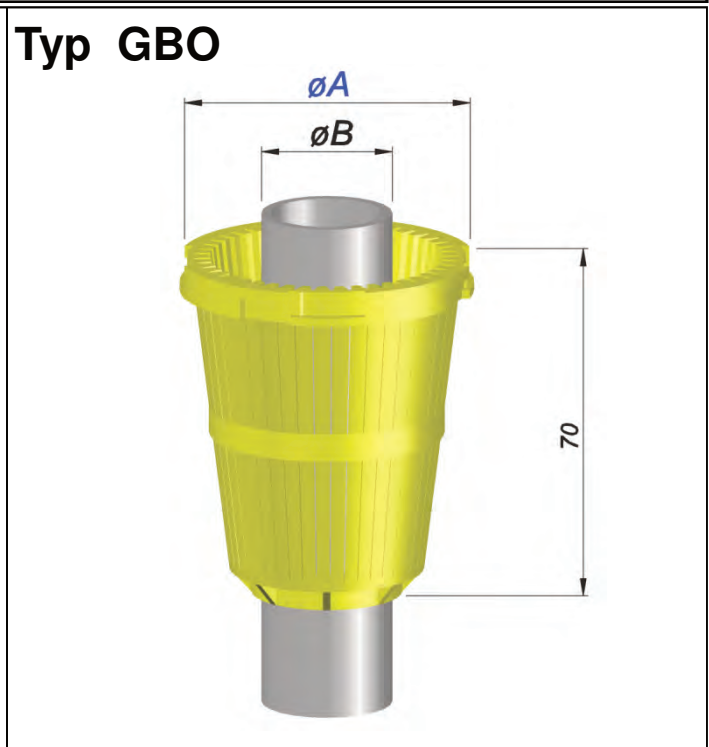
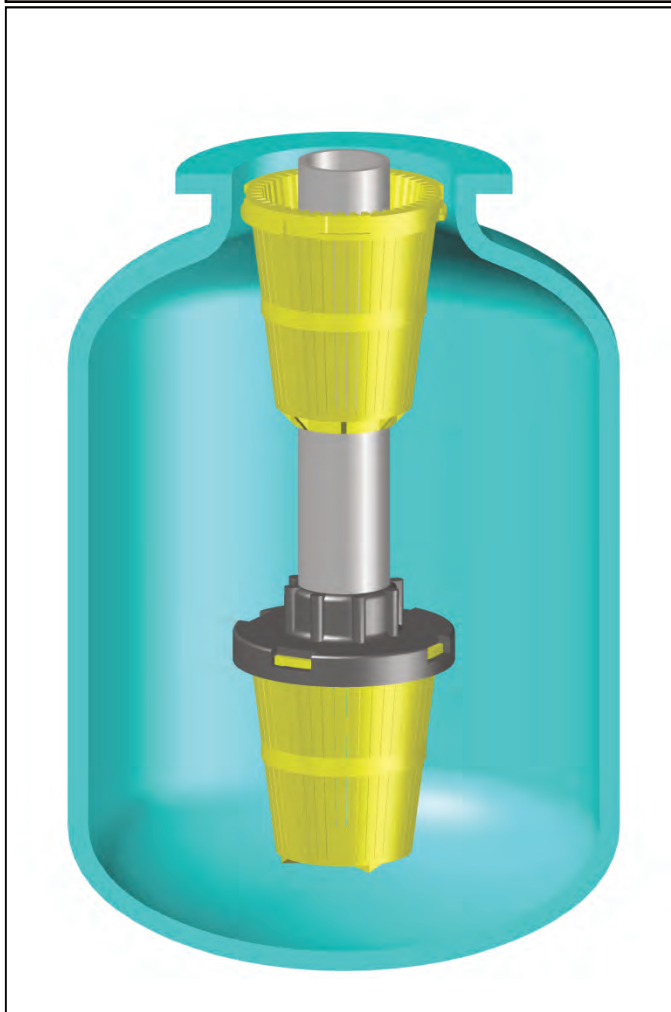
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Bodenstärke Plate thickness Epaisseur du plancher Espesor placa
	ELV	0,2	6-12 mm

Typ G2



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	$\varnothing B$
	G2	8 x 1,0 = 4,0 cm² 6 x 2,0 = 7,91 cm²	1 1/4" WW	32	20, 30, 45, +5+5...	80, 100, 140, 200 ...	21 = 3,4 cm²
			G 1"	33,25	20		
			M30	30	30		

Filterdüsen- für Düsenstab	Filter-Nozzles for Distributor	Crépines pour distributeur	Toberas de distribucion
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Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	$\varnothing A$	$\varnothing B$	=mm
	GB0	0,2 = 4,68 cm ²	QD	32	Ø 32
				13/16	Ø 20,64
				1"	Ø 25,4
				1,05"	Ø 26,67
				25	Ø 25,2

Bestellung
Ordering
Commande
Encargo

Typ
Type
Type
Tipa

GBU

Schlitze
Slots
Fentes
Ranuras

0,2 = 4,68 cm²

$\varnothing B$

1"

13/16

1,05"

25

G¾"

=mm

Ø 25,4

Ø 20,64

Ø 26,67

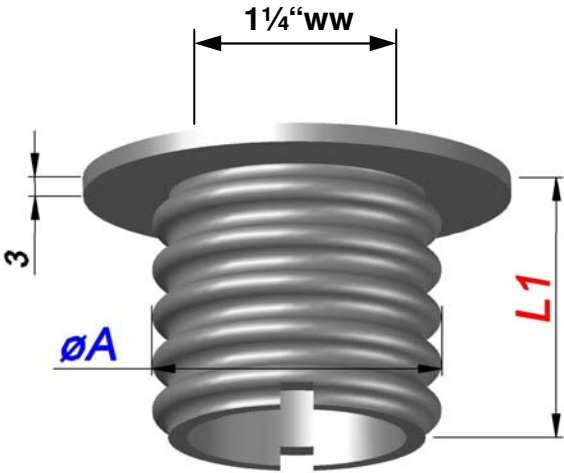
Ø 25,2

$\varnothing 65$

$\varnothing B$

Adapter	Adapter	Adaptateur	Adaptador
---------	---------	------------	-----------

Typ GR



Bestellung Ordering Commande Encargo	Typ Type Type Tipa		Gewinde Thread Filetage Rosca	øA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	L1	
	GR		RD44	44	40		

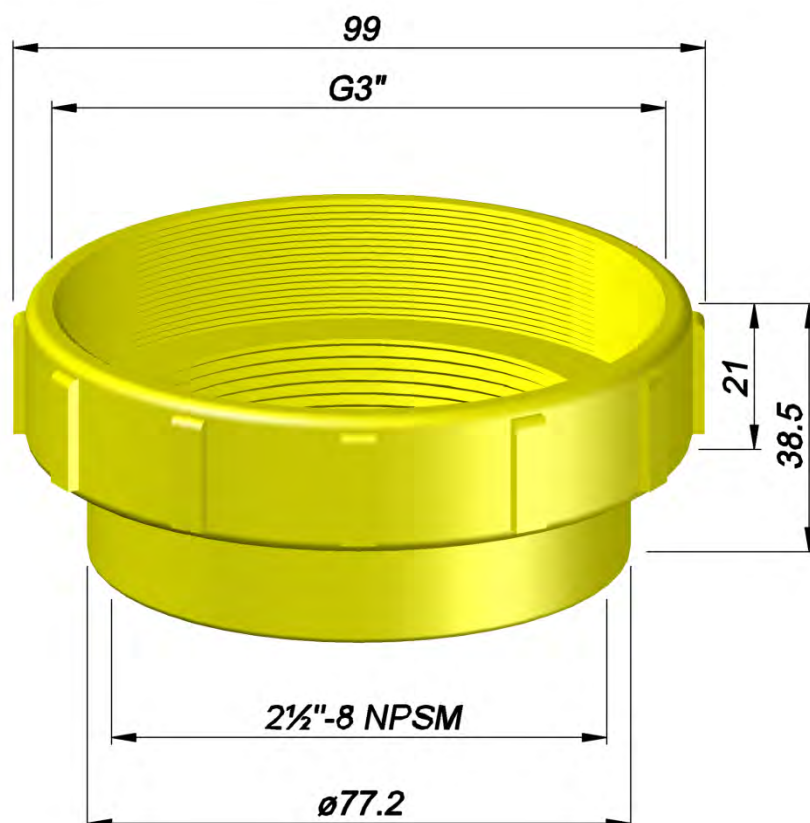
Adapter und
Verbinder

Adapter and
Connector

Adaptateur
et raccord

Adaptador
y conector

Typ GR3"



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca øA
	GR3"	2 1/2"-8 NPSM

Gegenstromventil

Zur besseren Verteilung
der Regeneriermittel

Counter Flow Valve

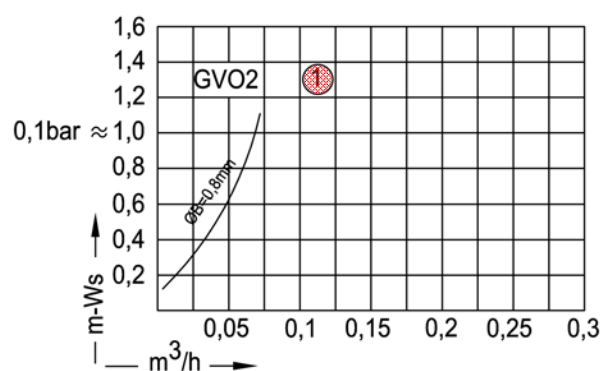
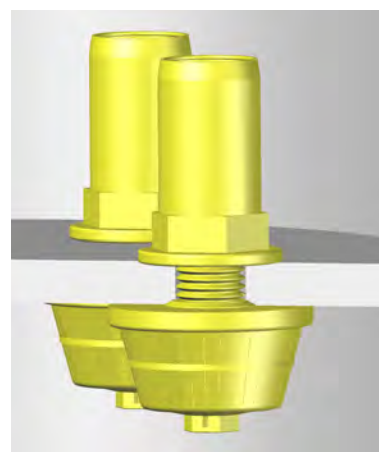
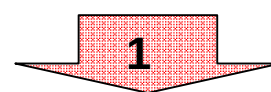
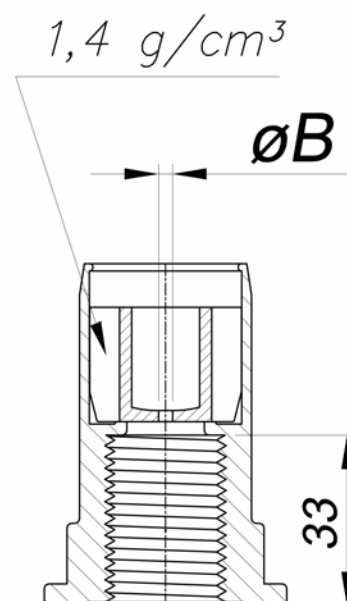
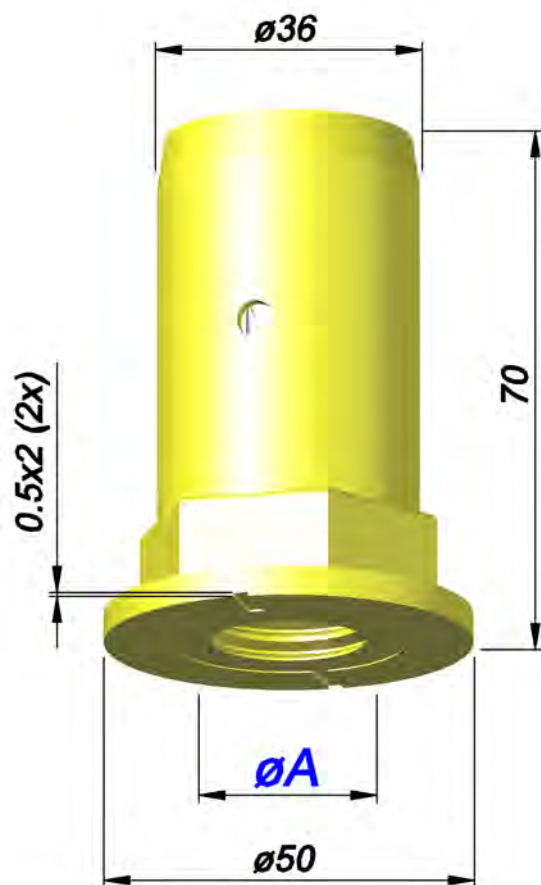
For the uniform distribution
of the regenerants

Soupape á contre

Pour une meilleure répartition
des solutions de régénération

Valvula de contra

Para la distribución uniforme de
los reactivos de regeneracion

Typ GVO2

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca	øA	øB
	GVO2	1 1/4"WW	32	ø1,0 - ø2,0 - ø3,0 - ø4,0 - ø5,0 - ø6,0 - ø 7,0 mm
		G 3/4"	26,5	
		M24	24	
		M20	20	

Gegenstromventil

Zur besseren Verteilung
der Regeneriermittel

Counter Flow Valve

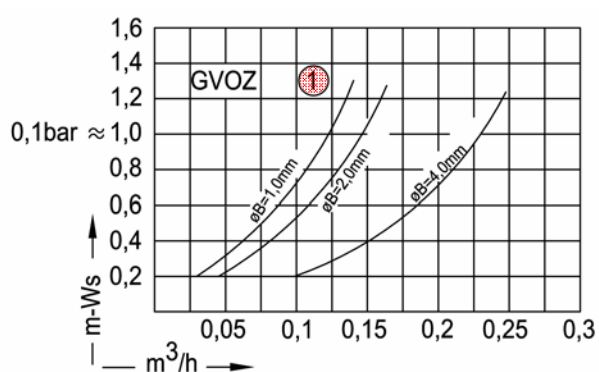
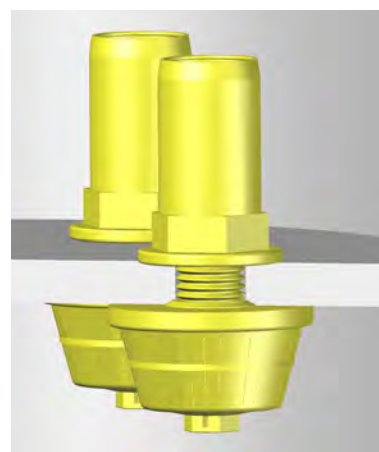
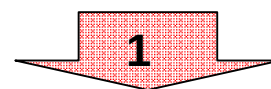
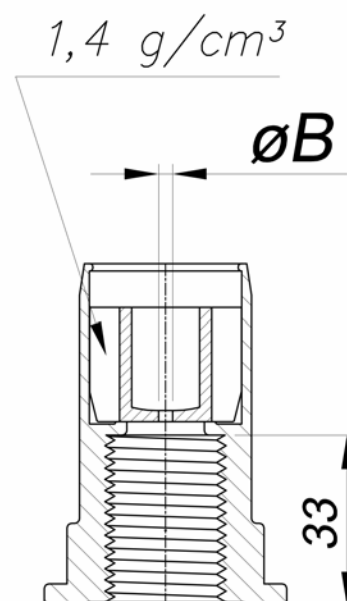
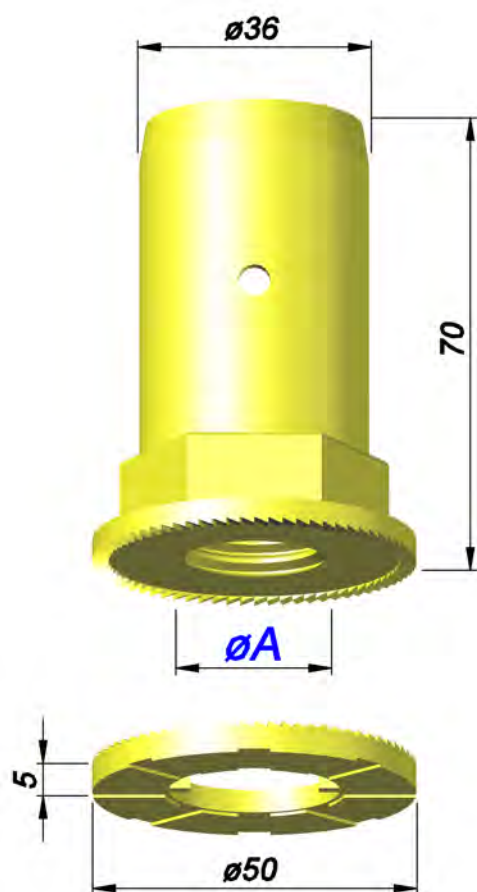
For the uniform distribution
of the regenerants

Soupape à contre

Pour une meilleure répartition
des solutions de régénération

Valvula de contra

Para la distribución uniforme de
los reactivos de regeneracion

Typ GVOZ

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca	øA	øB
	GVOZ	G 3/4"	26,5	ø1,0 - ø2,0 - ø3,0 - ø4,0 - ø5,0 - ø6,0 - ø7,0 mm
		M24	24	
		M20	20	

Gegenstromventil

Zur besseren Verteilung
der Regeneriermittel

Counter Flow Valve

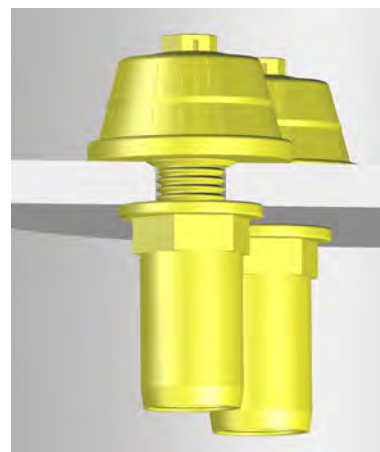
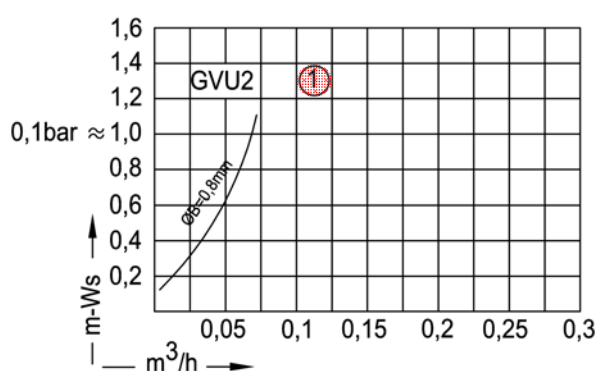
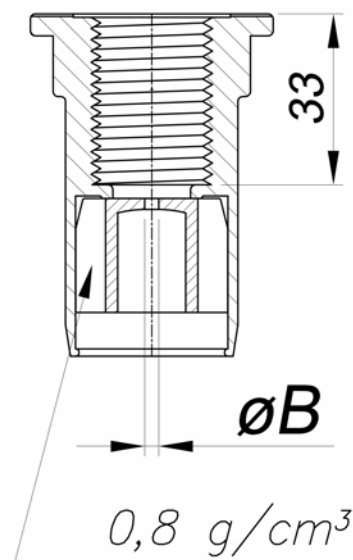
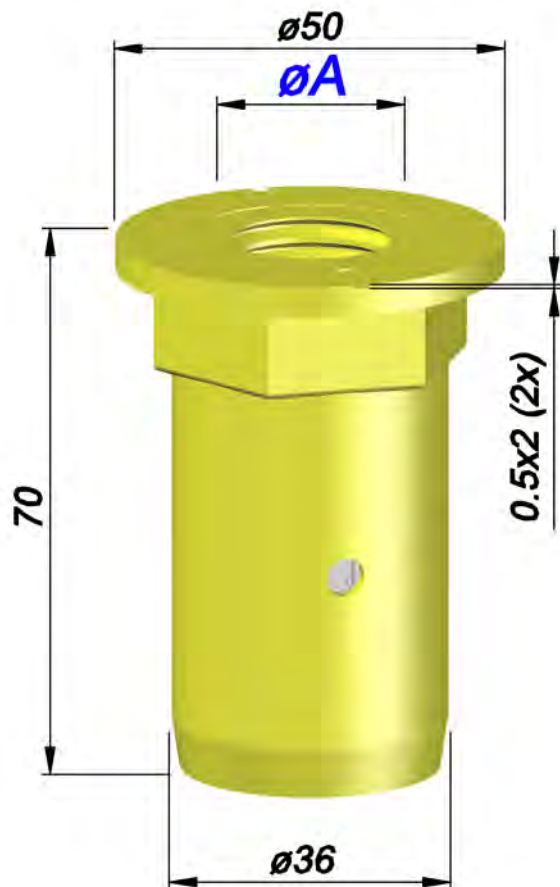
For the uniform distribution
of the regenerants

Soupape á contre

Pour une meilleure répartition
des solutions de régénération

Valvula de contra

Para la distribución uniforme de
los reactivos de regeneracion

Typ GUV2

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca	øA	øB
	GVU2	1 1/4" WW	32	ø 1,0 - ø 2,0 - ø 3,0 - ø 4,0 - ø 5,0 - ø 6,0 - ø 7,0 mm
		G 3/4"	26,5	
		M24	24	
		M20	20	

Gegenstromventil

Zur besseren Verteilung
der Regeneriermittel

Counter Flow Valve

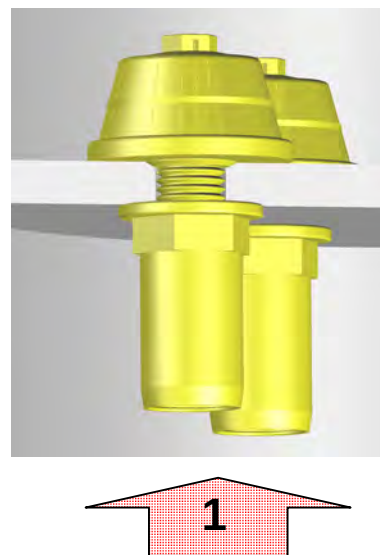
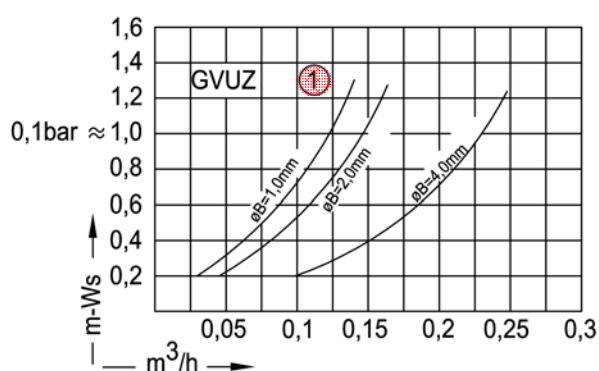
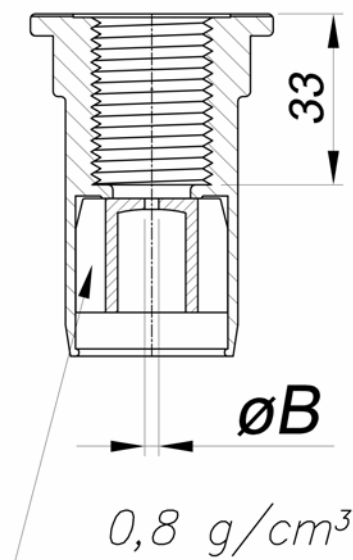
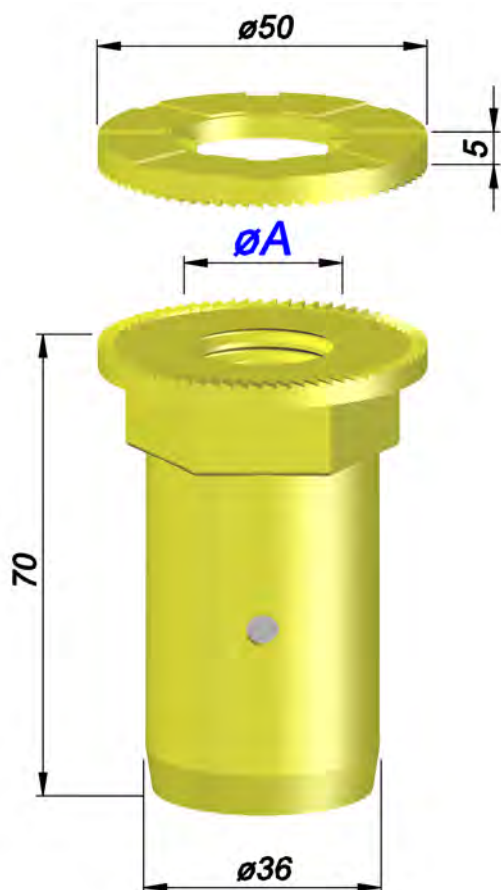
For the uniform distribution
of the regenerants

Soupape á contre

Pour une meilleure répartition
des solutions de régénération

Valvula de contra

Para la distribución uniforme de
los reactivos de regeneracion

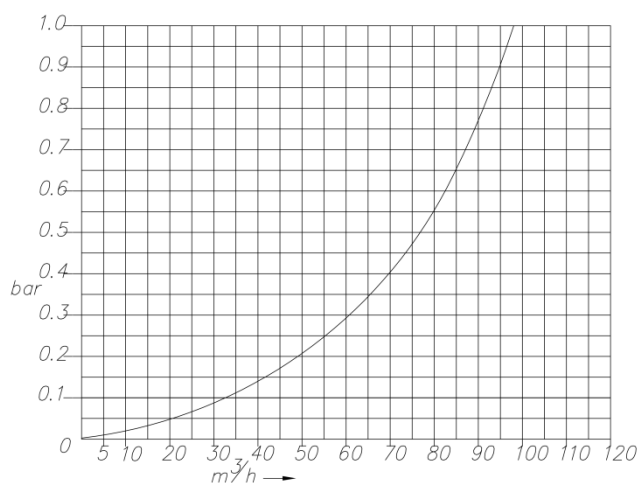
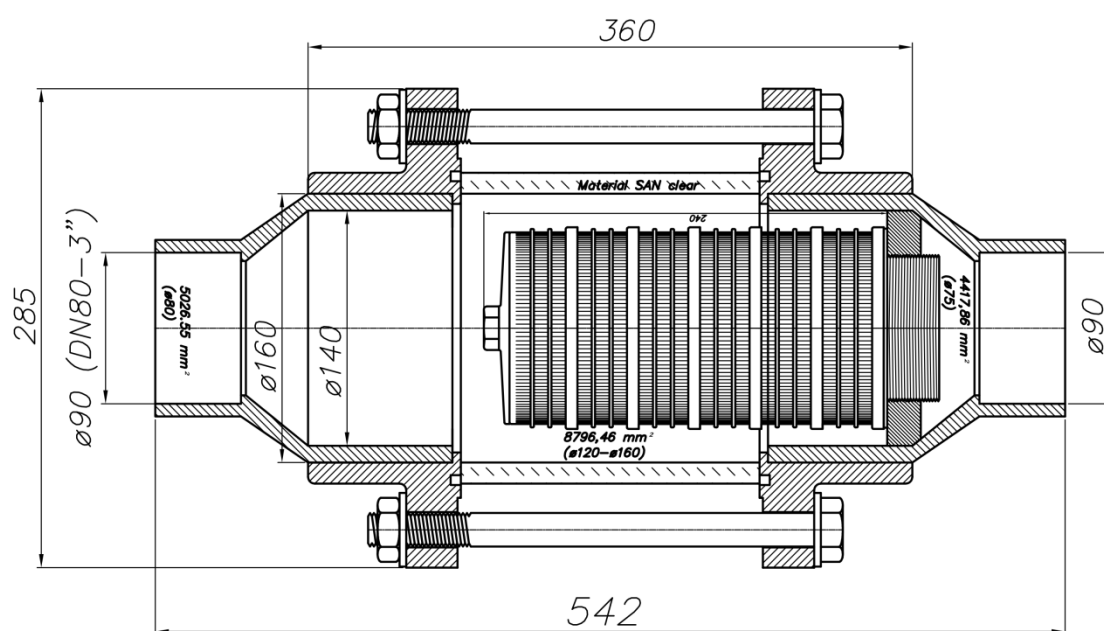
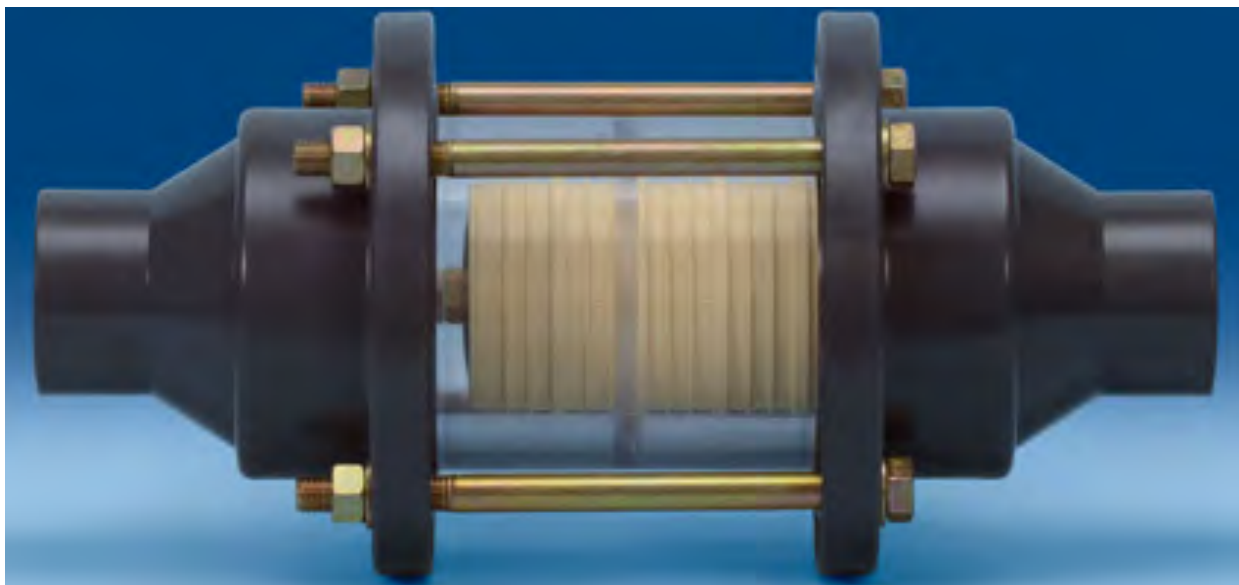
Typ GVUZ

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca	ØA	ØB
	GVUZ	G 3/4"	26,5	Ø 1,0 - Ø 2,0 - Ø 3,0 - Ø 4,0 - Ø 5,0 - Ø 6,0 - Ø 7,0 mm
		M24	24	
		M20	20	

Harzfänger

Resin trap

Typ HF



Bestellung
Ordering
Commande
Encargo

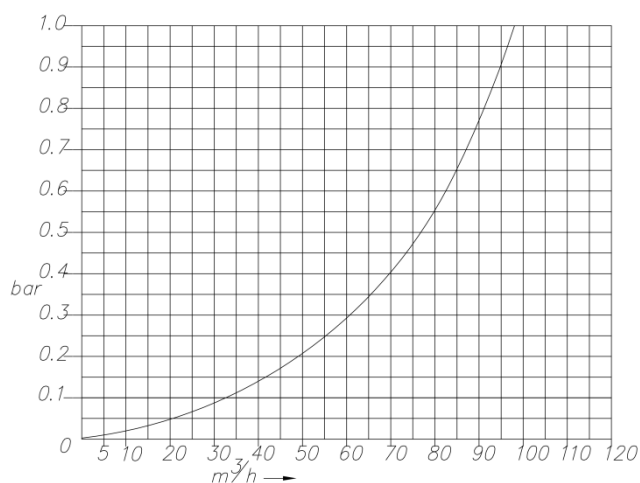
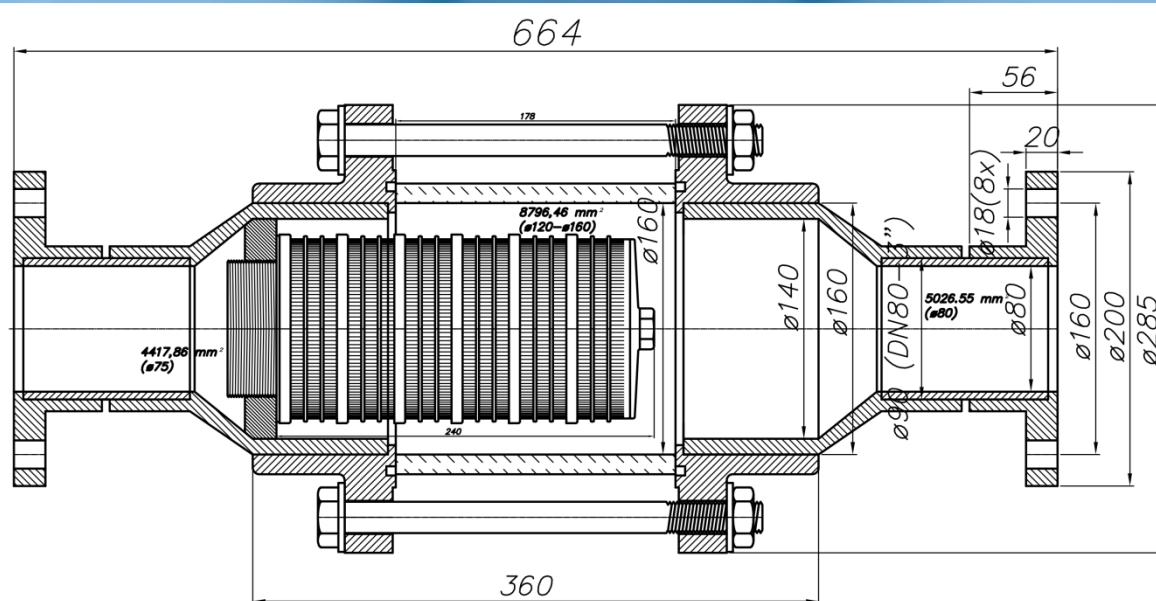
Typ
Type
Type
Tipa



HF-DN80-3"-PN10-kleben

Resin trap

Typ HF-F



Bestellung
Ordering
Commande
Encargo

Typ
Type
Type
Tipa

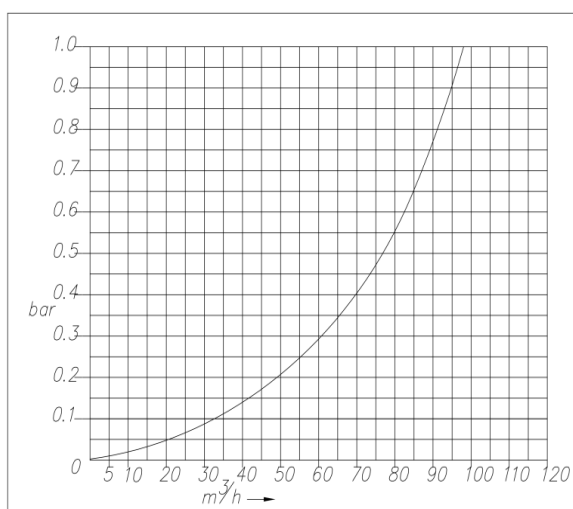
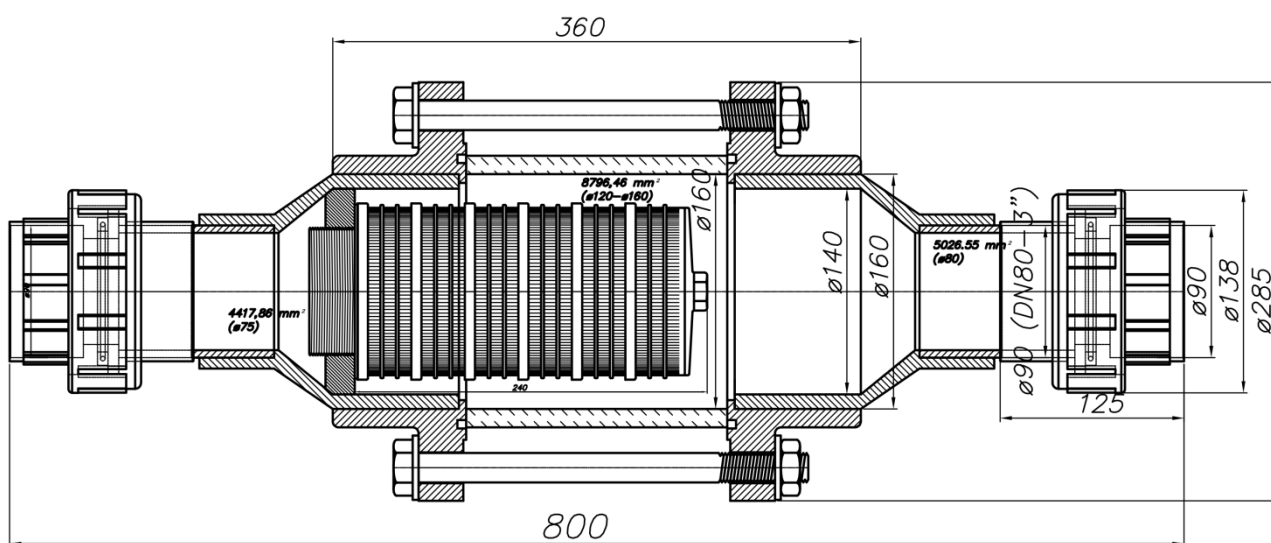


HF-F-DN80-3“-PN10-Flansch

Harzfänger

Resin trap

Typ HF-V



Bestellung
Ordering
Commande
Encargo

Typ
Type
Type
Tipa



HF-V-DN80-3"-PN10-Verschraubung

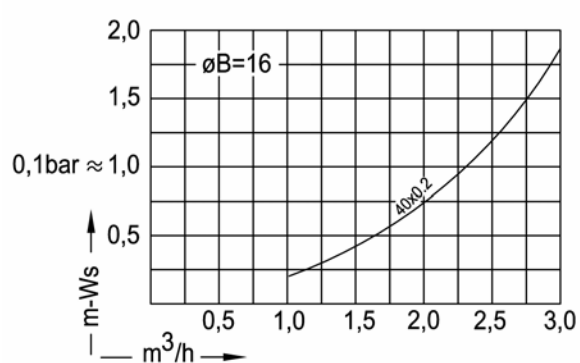
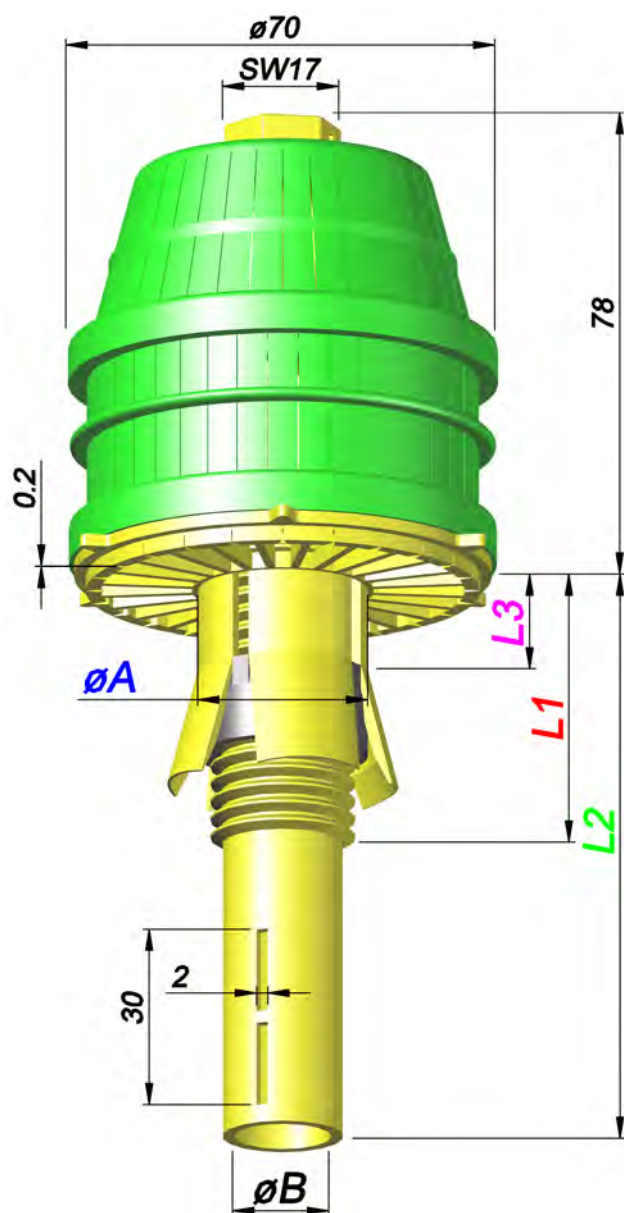
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ K2SP



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Schaft Shaft Longueur de tige Tija	L2	øA	L1	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	L3	øB
	K2SP	40 x 0,2 = 3,63 cm² 36 x 0,35 = 6,35 cm²	80, 110, 140, 200, 250		28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36	50	8 - 28		16 = 2,0 cm²

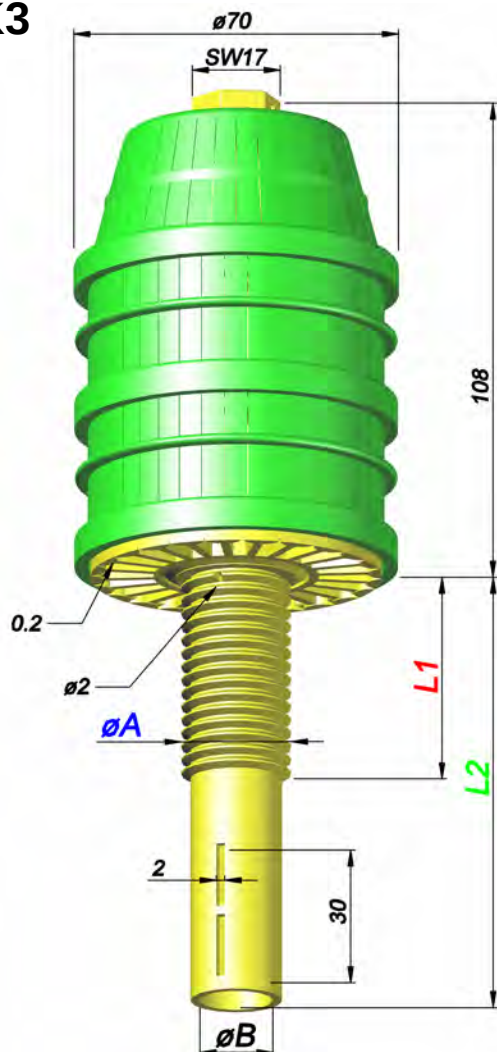
Filterdüsen

Filter-Nozzles

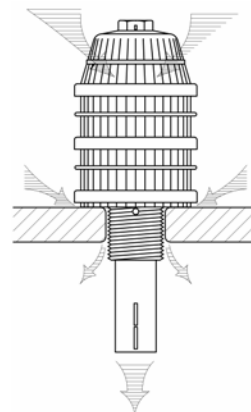
Crépines à filtre

Toberas filtrantes

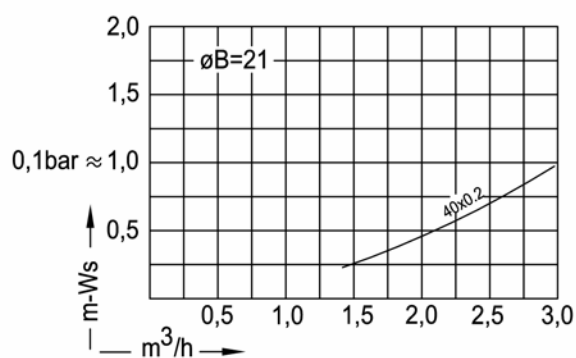
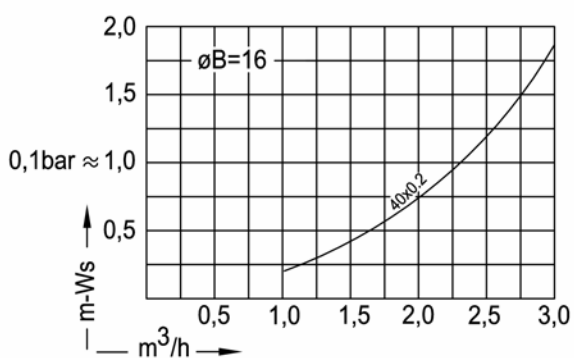
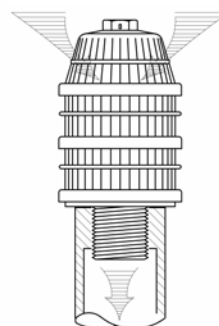
Typ K3



Typ K3



Typ KR3

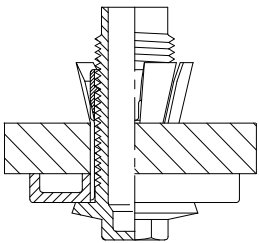
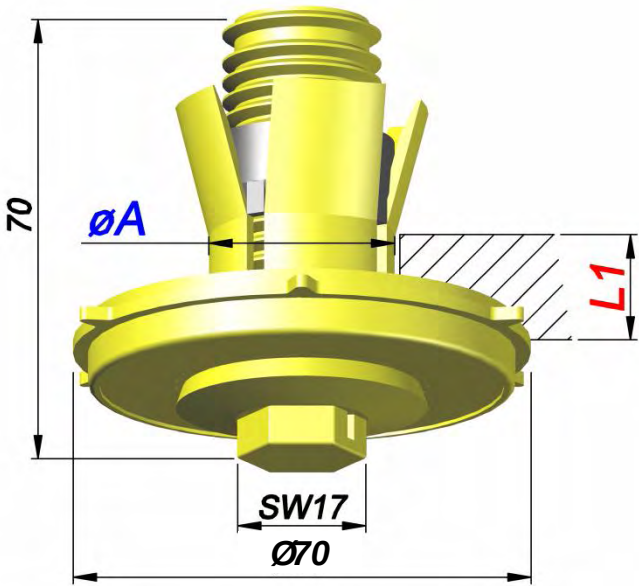


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	L1	Schaft Shaft Longueur de tige Tija	L2	$\varnothing B$
	K3	40 x 0,2 = 5,31 cm ² 40 x 0,35 = 9,29 cm ²	1 1/4"WW	32	25, 45		80, 110, 140, ...		21 = 3,4 cm ²
			M30 x 3.5	30	30				
			G 3/4"	26,5	25, 45		80, 110, 140, ...		16 = 2,0 cm ²
			M24	24	25, 45				
	KR3								

Blindstopfen

Blanking plug

Typ KSPB



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	
	KSPB	8 - 28	$\text{Ø}A$
		25 - 45	
		8 - 28	28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36;
			25-27,5 ; 26-28

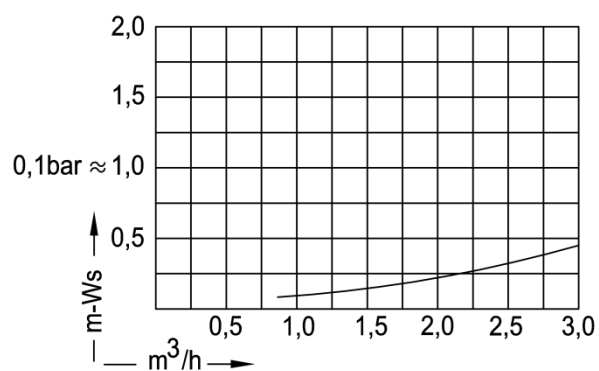
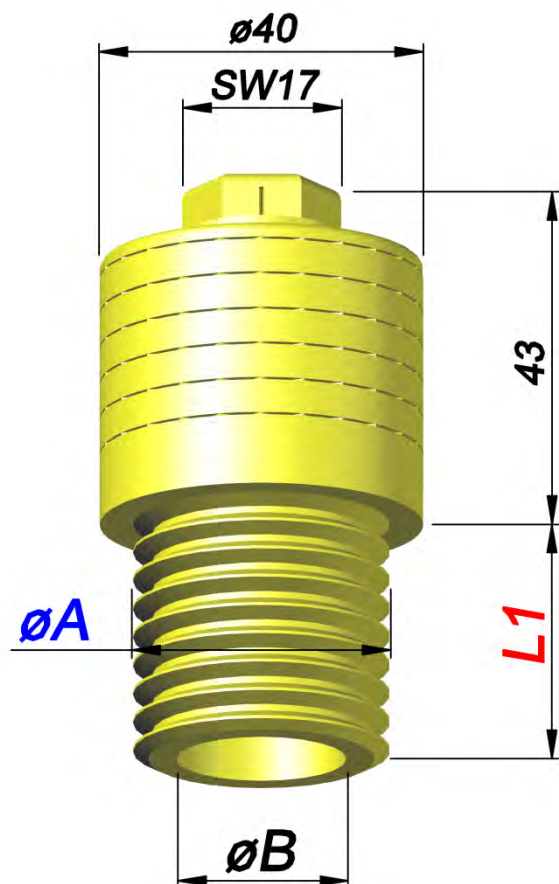
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ L40



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	øA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	L1	øB
	L40	0,2 = 1,50 cm²	1¼" WW	32	20, 30, 45, +5+5...		21 = 3,4 cm²
			G3/4"	26,5	20, 30, 45, +5+5...		16 = 2,0 cm²
			1" WW	25,4	20, 45, +5+5...		
			M24	24	25, 45, +5+5...		

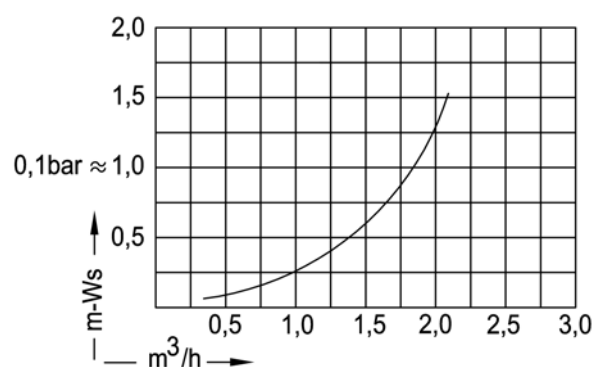
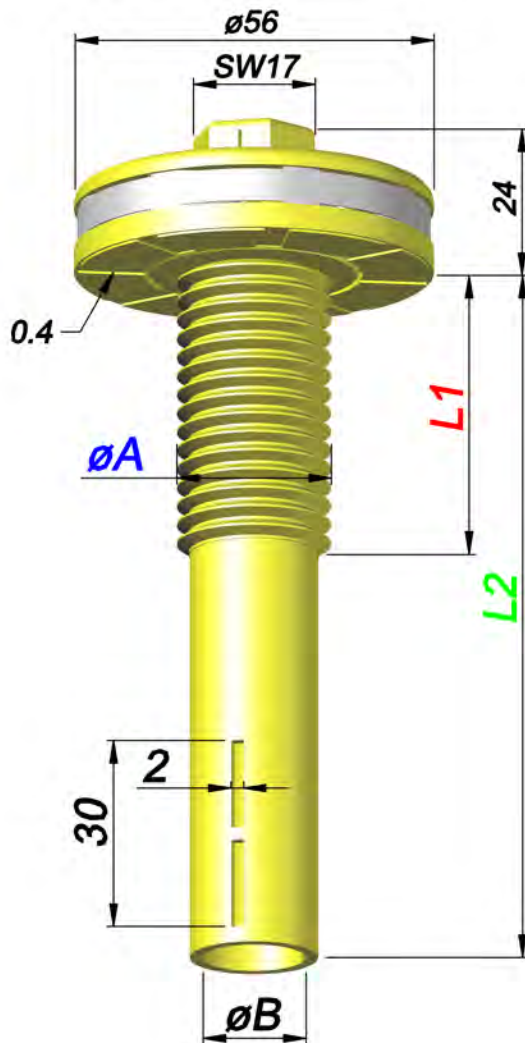
**Filterdüsen
mit beweglichen
Lamellen**

**Filter-Nozzles
Rotating
Filter-Disc**

**Crépines à filtre
à lamelles
rotatives**

**Toberas filtrantes
de lamelas
Rotativas**

Typ LB2



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	øA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	L1	Schaft Shaft Longueur de tige Tija	L2	øB
	LB2	2 x 0,4 = 1,38 cm²	1 1/4"WW	32	20, 30, 45, +5 +5 ...		80, 110, 140, 200, ...		16 = 2,0 cm²
			1"WW	25,4	20, 45, +5 +5 ...				
			G 3/4"	26,5	20, 30, 45, +5 +5 ...				
			M24	24	25, 45, +5 +5 ...				
			M22x1,5	22	45, +5 +5 ...				

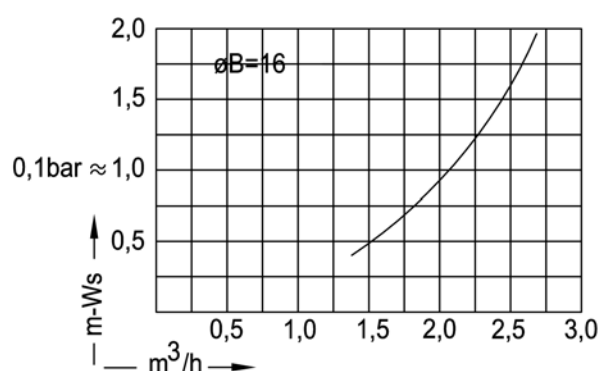
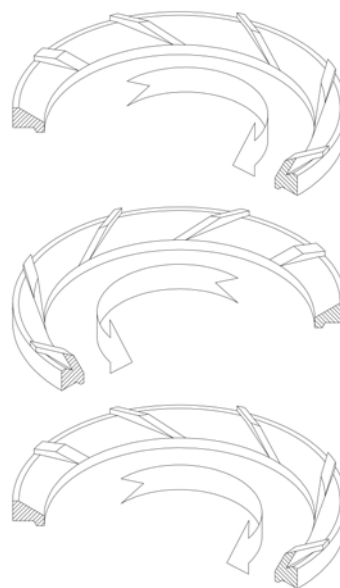
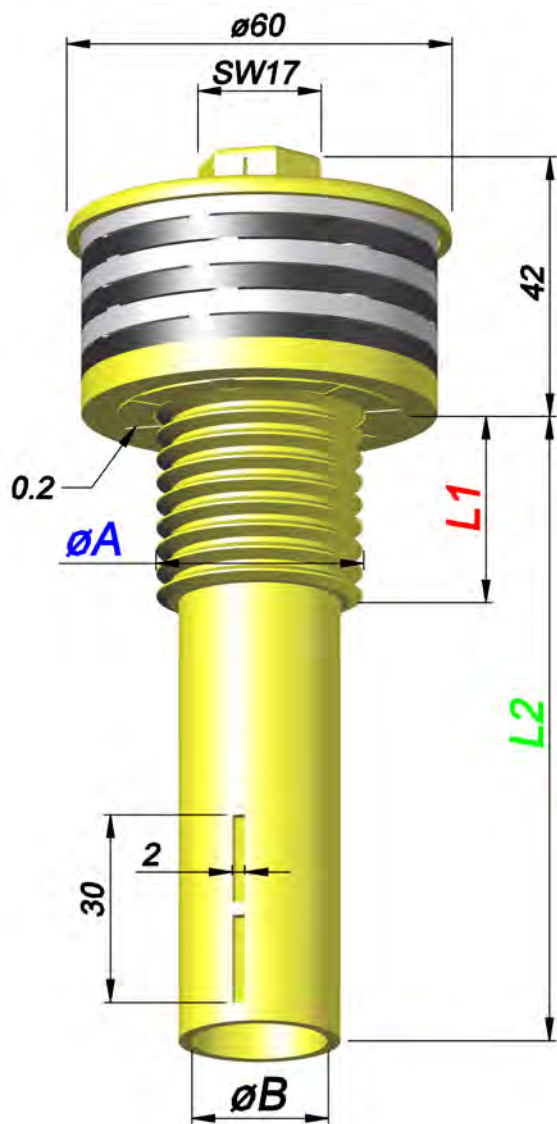
**Filterdüsen
mit beweglichen
Lamellen**

**Filter-Nozzles
Rotating
Filter-Disc**

**Crépines à filtre
à lamelles
rotatives**

**Toberas filtrantes
de lamelas
Rotativas**

Typ LB



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	$\varnothing B$
	LB	6 x 0,4 = 4,15 cm² 4 x 2,5 = 14,60 cm²	1 1/4"WW	32	20, 30, 45, +5 +5 ...	80, 110, 140, 200, ...	16 = 2,0 cm²
			1"WW	25,4	20, 45, +5 +5 ...		
			G 3/4"	26,5	20, 30, 45, +5 +5 ...		
			M24	24	25, 45, +5 +5 ...		
			M22x1,5	22	45, +5 +5 ...		

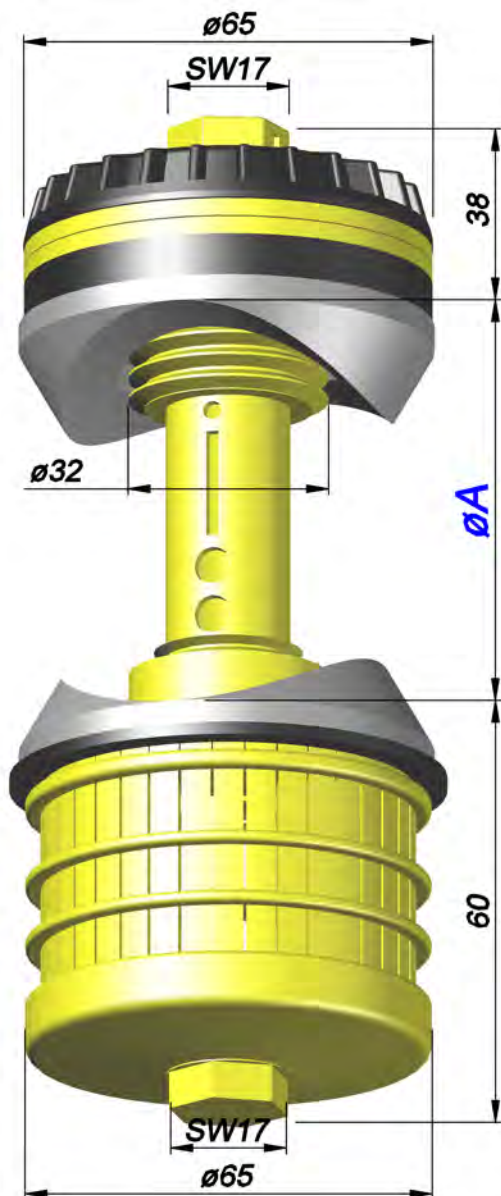
Filterdüsen für
Drainagesystem

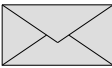
Filter-Nozzles for
Drainage system

Système de
drainage

Sistemas de
drenaje

Typ LCR

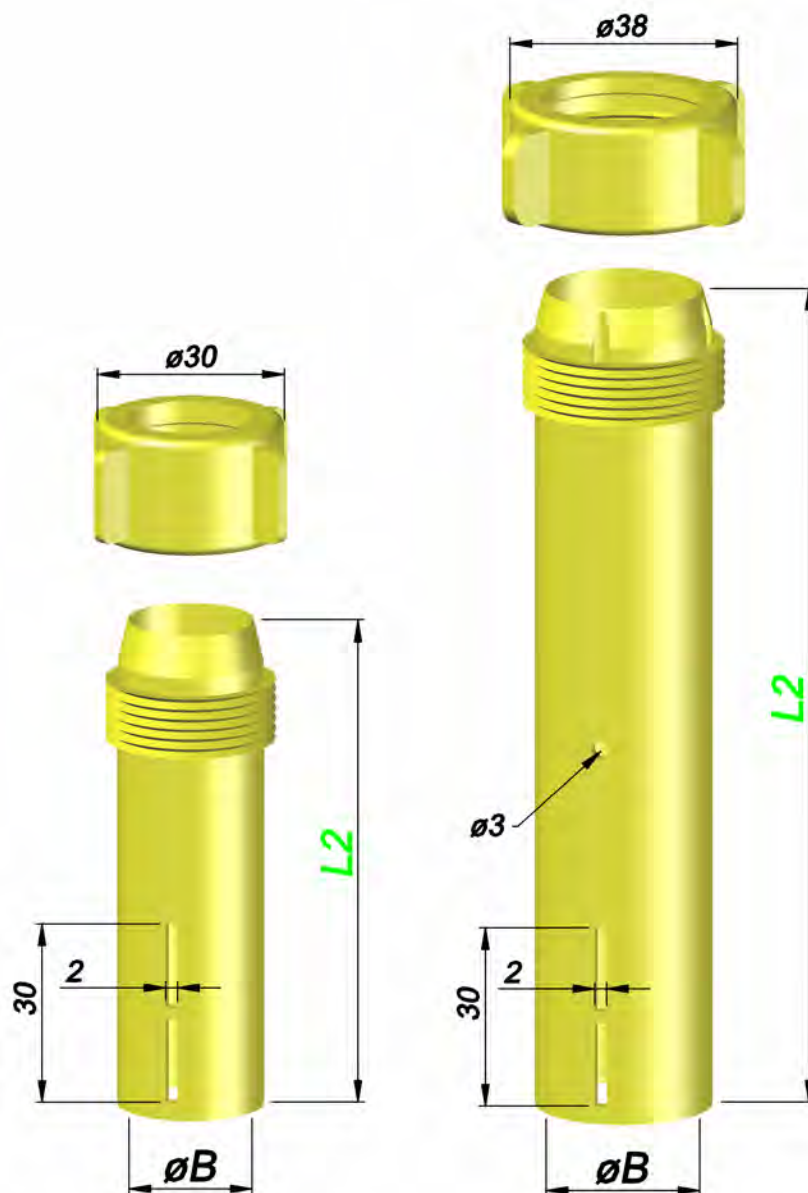


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	$\varnothing A$	
	LCR	1x 0,2 = 0,4 cm ² 2x 0,2 = 0,8 cm ²	60,3 ; 63 ; 75 ; 90 ; 114 ; 147 ; 165 ; 219 ; 273 ; 324	

Luftspülrohr-
verlängerung

Tailpipe-
extension

Typ LSV

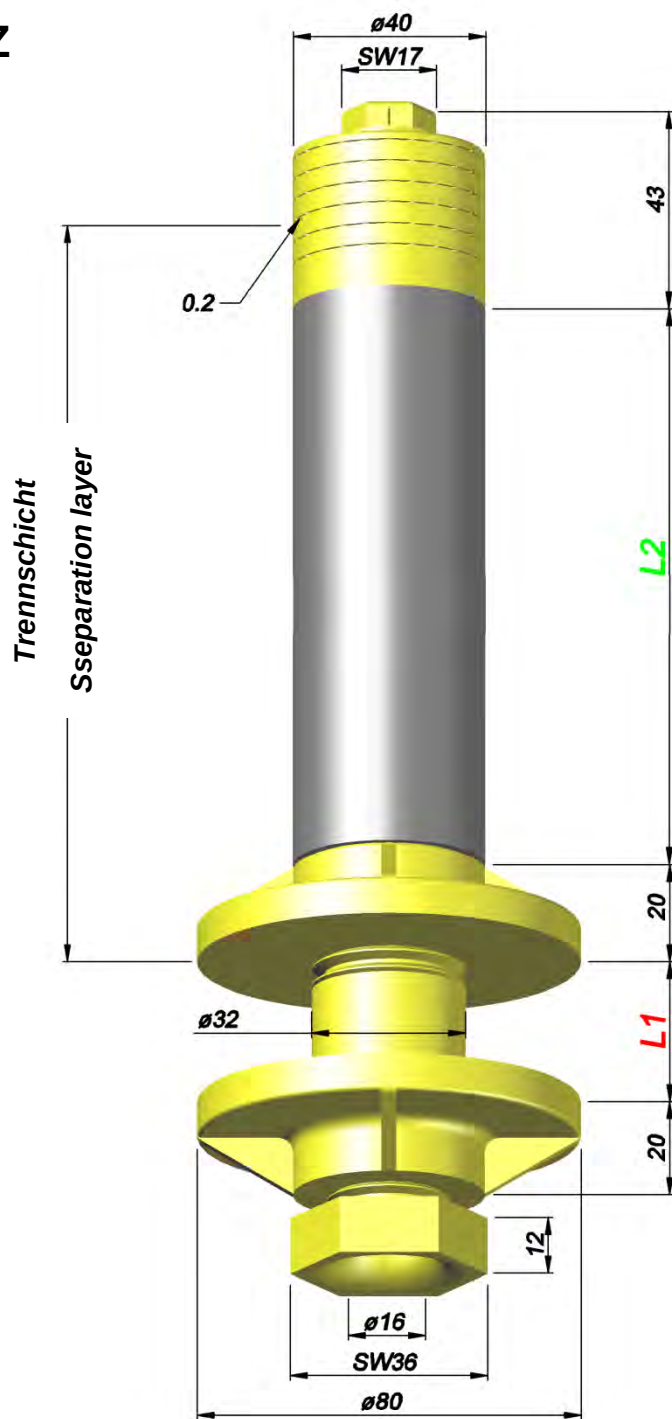


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	ØB	Schaft Shaft Longueur de tige Tija	L2
	LSV	25	80, 100, 150, 170	
		20	100, 150, 200	

Mischbett-Lanze

Mixbed lance

Typ LZ



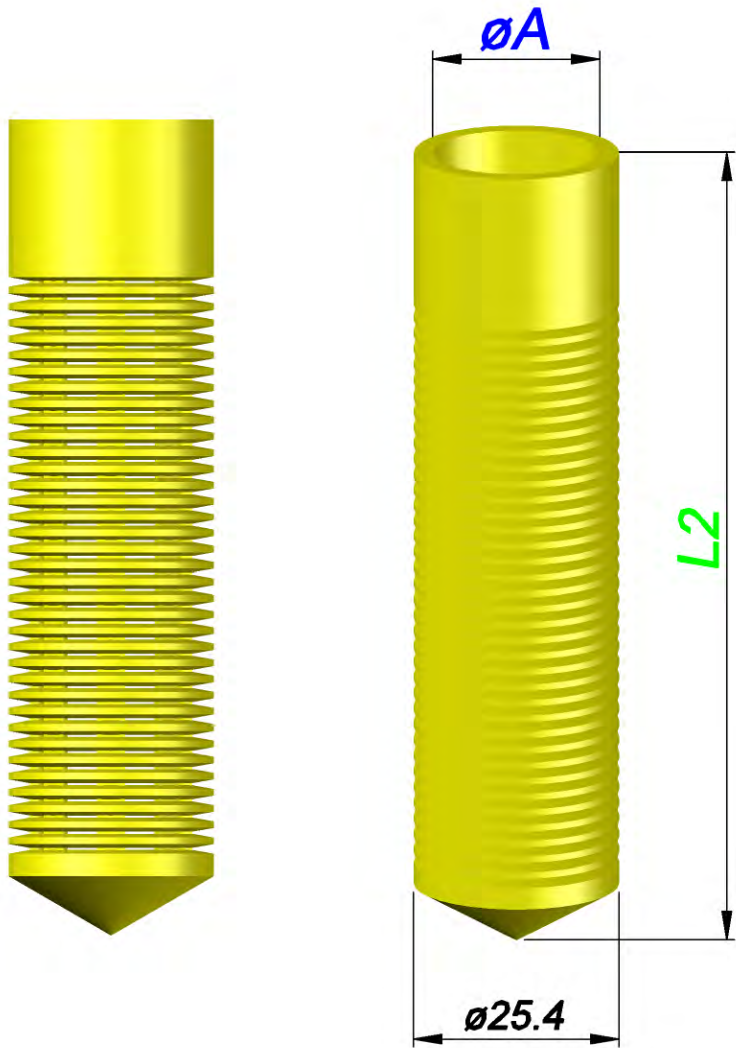
Schlauch Stopfen
Hose plug

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Bodenstärke Plate thickness Epaisseur du plancher Espesor placa	Schaft Shaft Longueur de tige Tija
	LZ	0,2 = 1,50 cm ²	26 - 36	110, ...

Lanzendüse

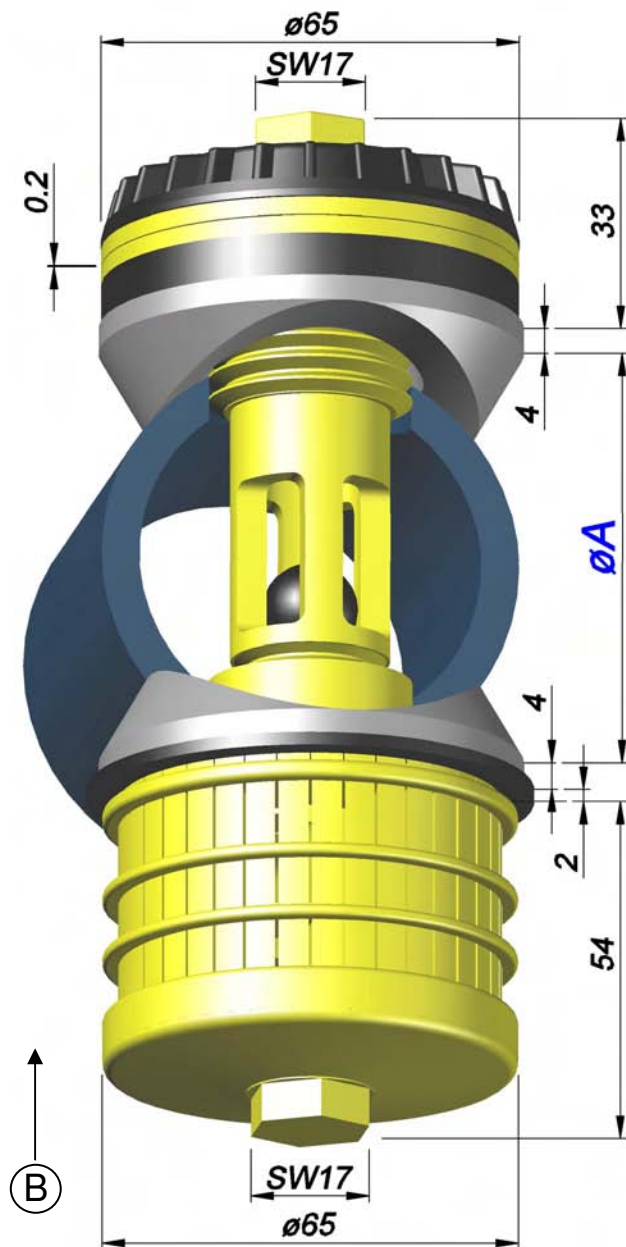
Riser tube nozzle

Typ LZB

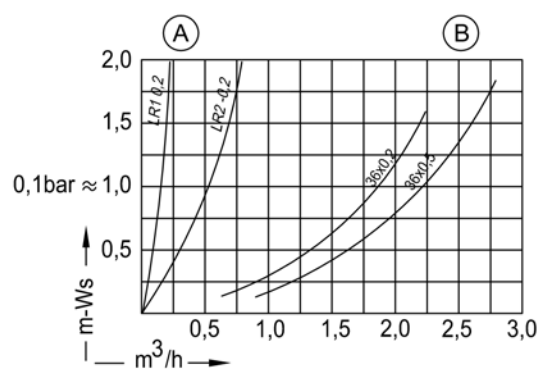


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	$\varnothing A$		$L2$	
	LZB	0,25 = 5,0 cm ²	13/16"	$\varnothing 20,64$	100	

Typ MST



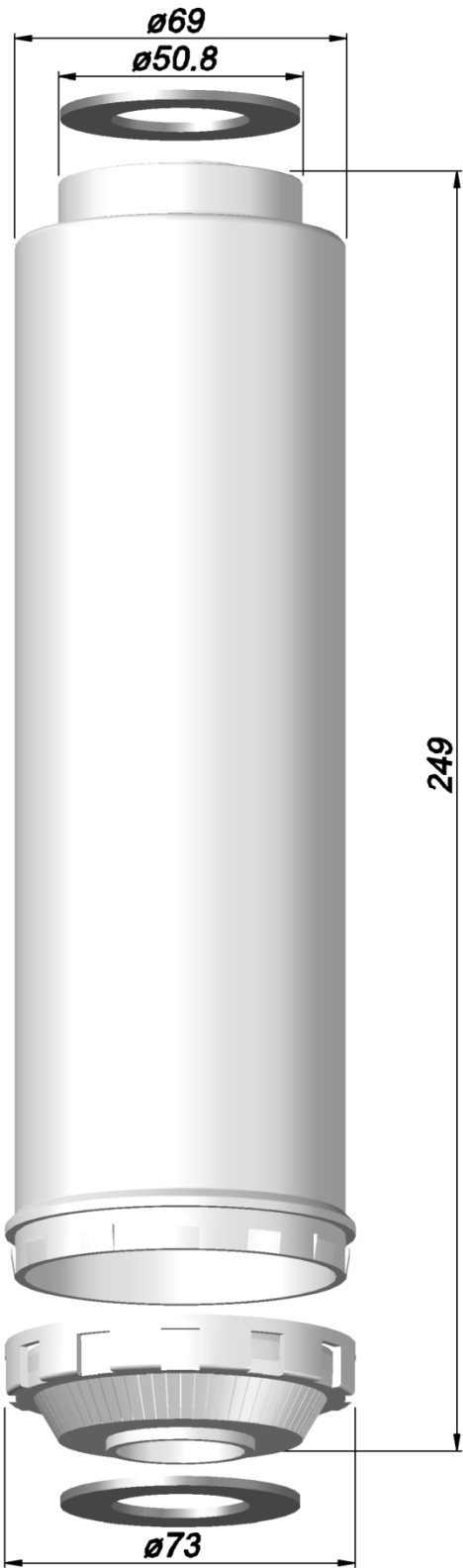
← (A)



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	$\text{ø}A$
	MST	$1 \times 0,2 = 0,4 \text{ cm}^2$ $2 \times 0,2 = 0,8 \text{ cm}^2$	60,3 ; 63 ; 75 ; 90 ; 114 ; 147 ; 165 ; 219 ; 273 ; 324

Kartuschen	Cartridge
------------	-----------

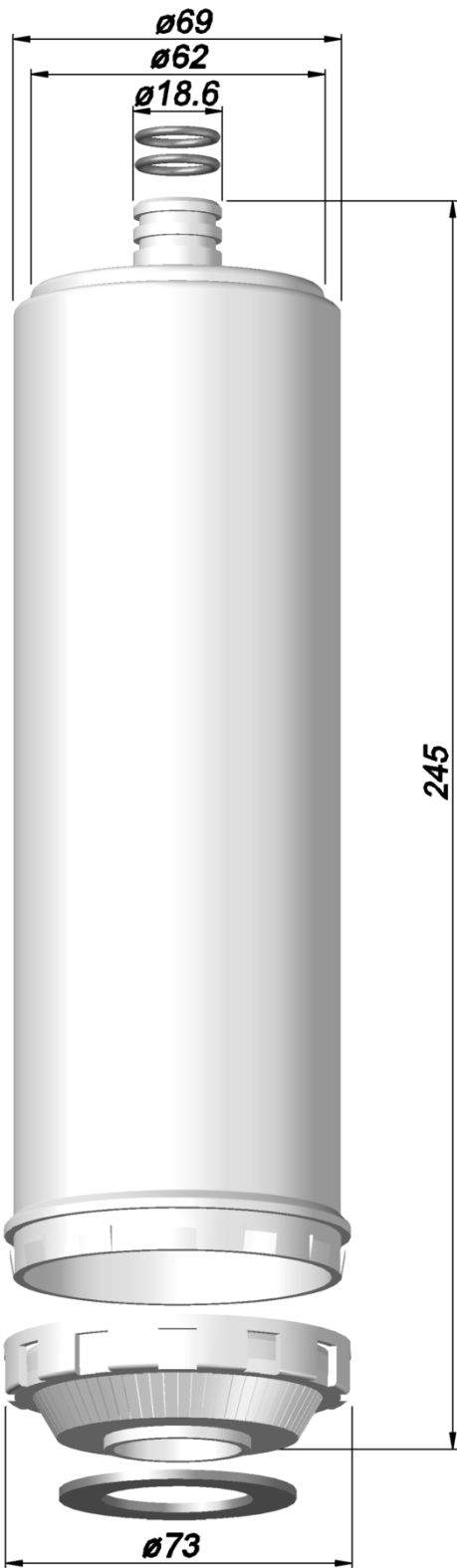
Typ MTF



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	L
	MTF	10"

Kartuschen	Cartridge
------------	-----------

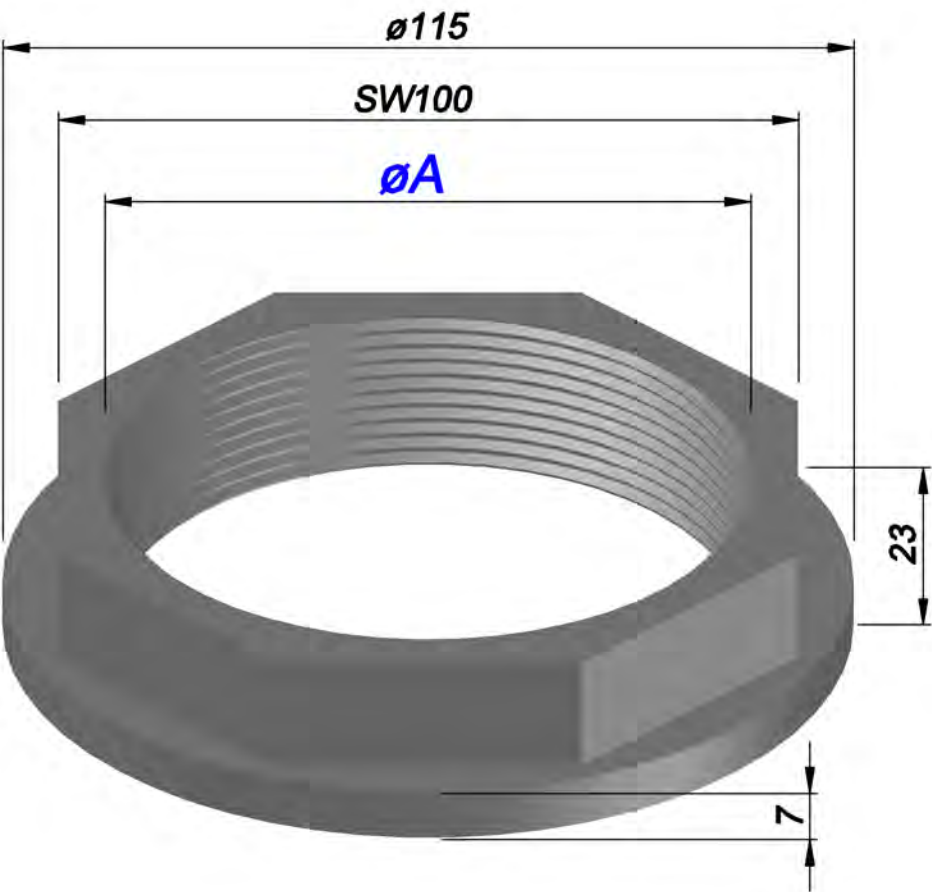
Typ MTO



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	L
	MTO	10"

Muttern und Scheiben	Nuts and Washers	Ecrous et joints	Tuerca y Arandela
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Typ MU115



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca
	MU115	G 3"

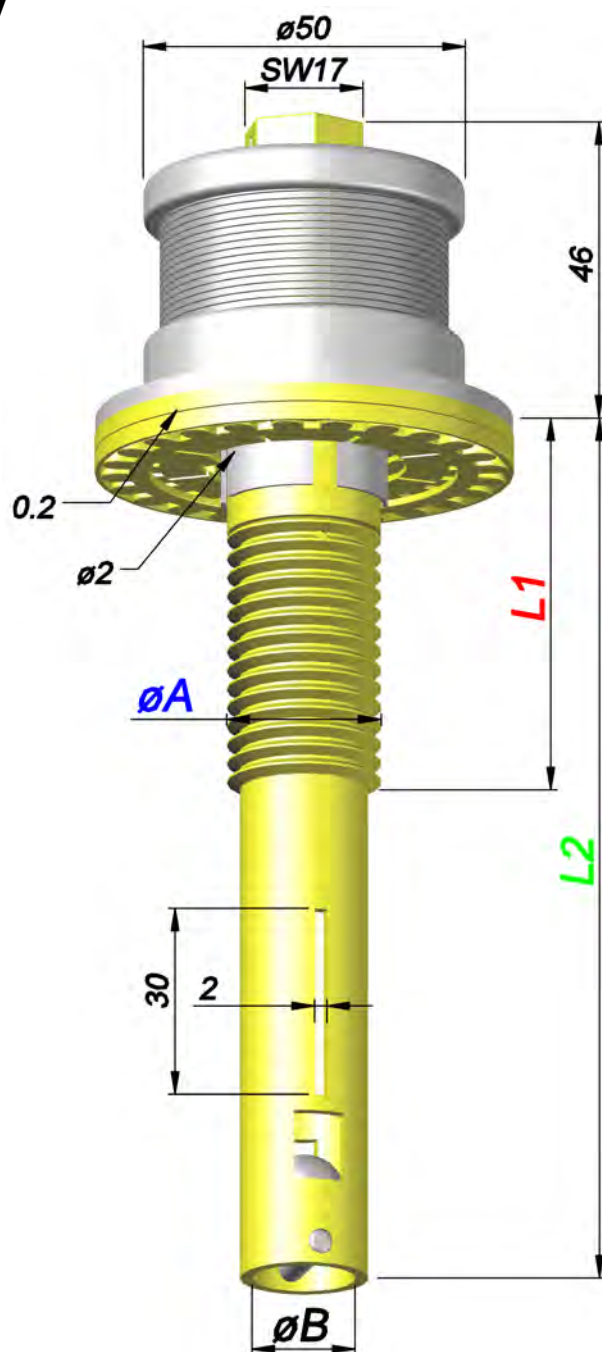
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

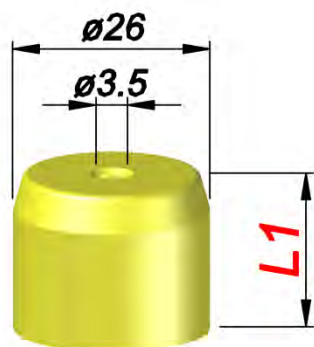
Typ MV



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	$L1$	Schaft Shaft Longueur de tige Tija	$L2$	$\varnothing B$
	MV	0,2 = 2.50 cm ² 0,3 = 3.80 cm ²	M24	24	60, +5+5...		140, 200, 250, ...		16 = 2,0 cm ²

Nagelkappen Aufsteckdorn

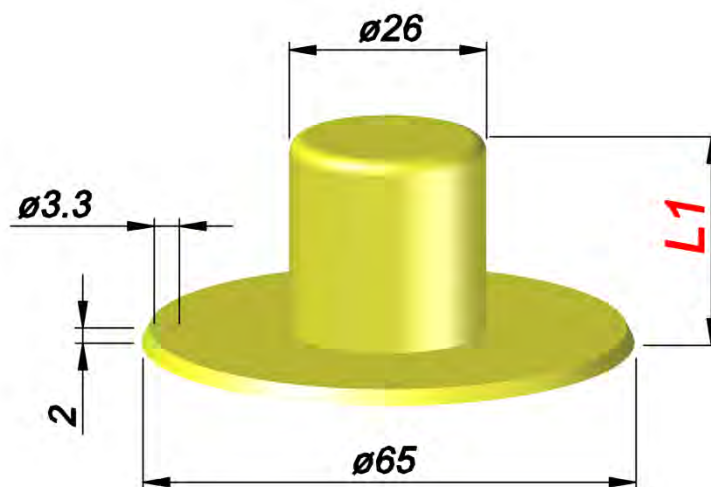
Typ NG26



Typ Aufsteckdorn



Typ NG65



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	L1	
	NG26	21	
	NG65	28, 50	
	Aufsteckdorn	50	

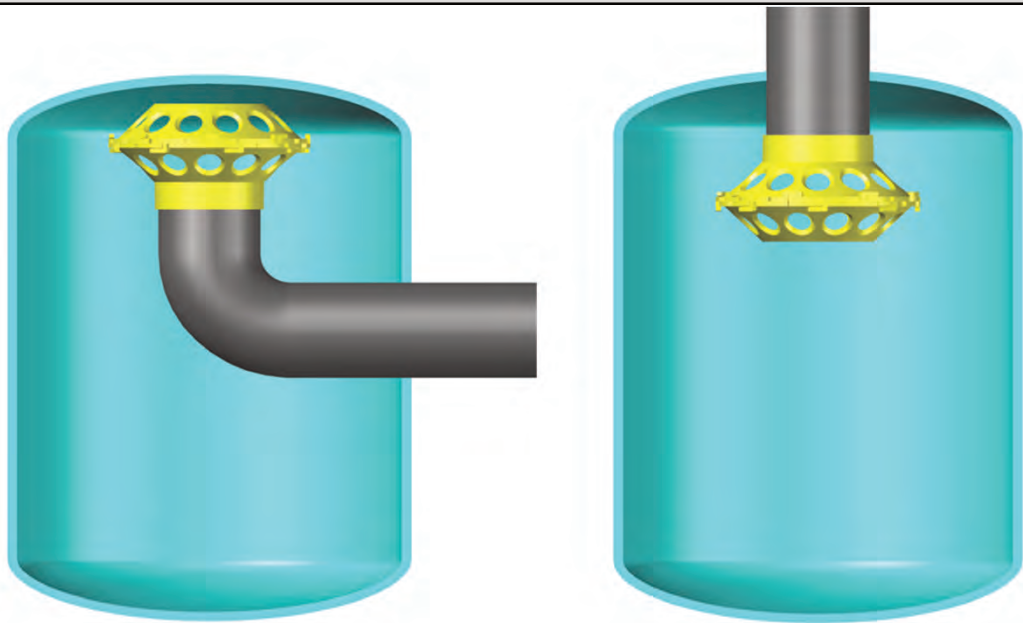
Verteiler (Prallteller)	distributor	Distributeur	Distribuidor
----------------------------	-------------	--------------	--------------

Montagebeispiel

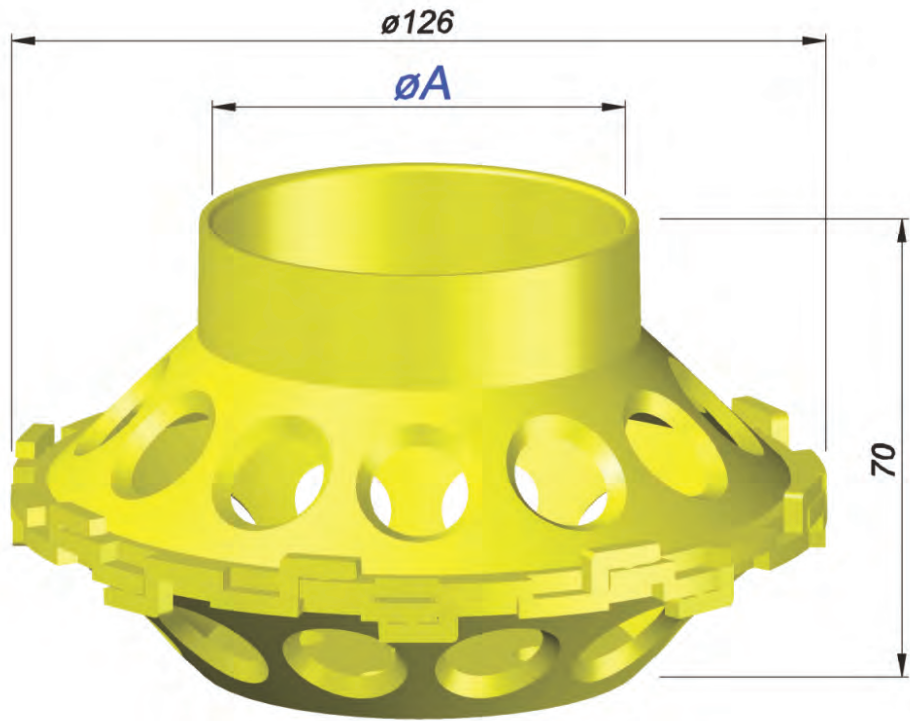
Installation
procedure

Exemple
de montage

Ejemplo
de montaje



Typ OVP



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	øA
	OVP	24x ø 16	ø 63

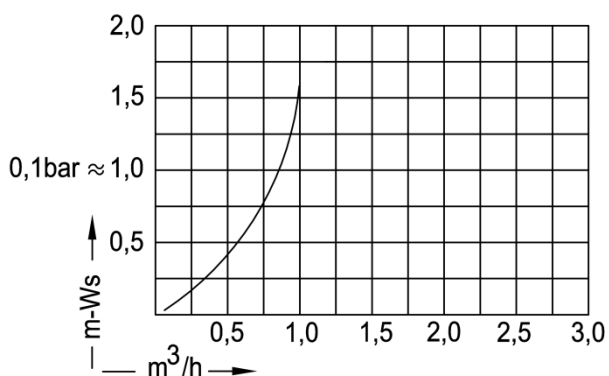
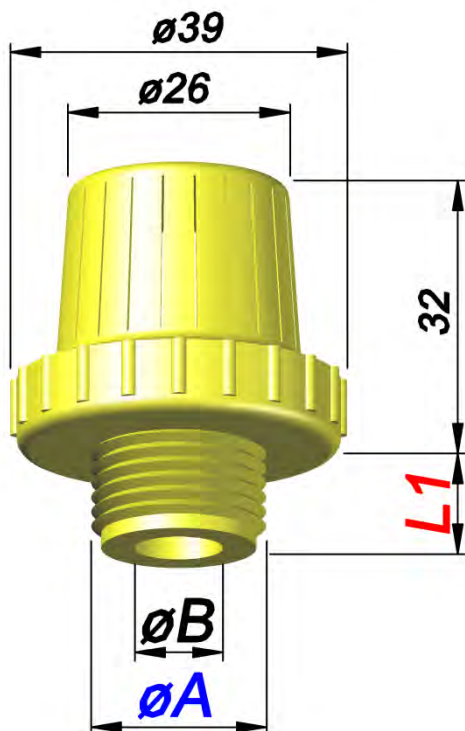
Filterdüsen

Filter-Nozzles

Crépines à filtre

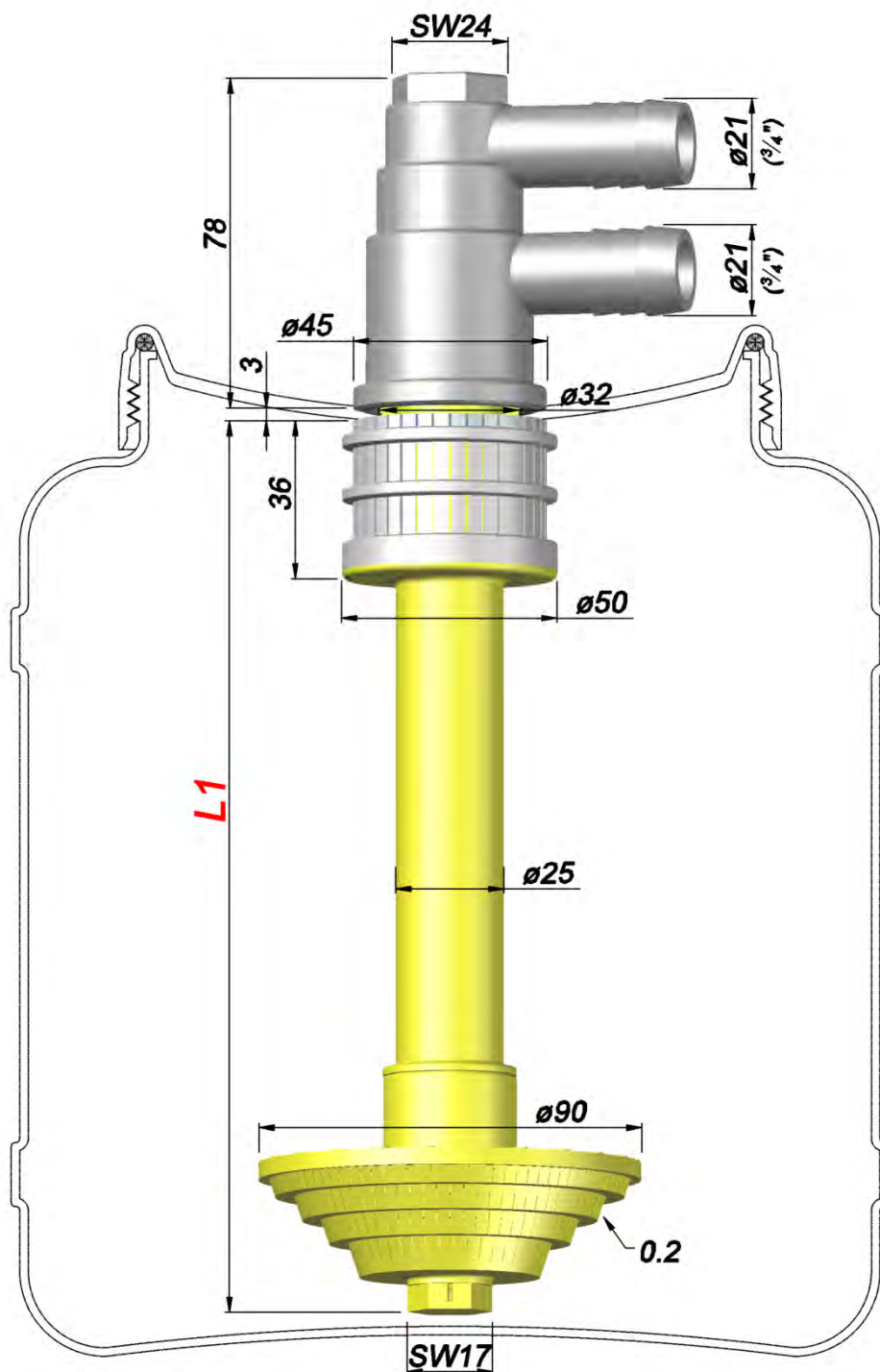
Toberas filtrantes

Typ P6



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Thread Filetage Rosca	øA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	øB
	P6	22 x 0,25 = 1,0 cm²	G 3/8"	16,5	14	10,4 = 0,85 cm²
			G 1/2"	20,5	14	
			PG11	18,6	11,8	
			PT3/4"x16 (conduit)	18,6	11,8	

Typ PLE



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Schaft Shaft Longueur de tige Tija
	PLE	24 x 0,2 = 0,91 cm ² 36 x 0,2 = 1,37 cm ² 36 x 0,3 = 2,05 cm ² 36 x 0,5 = 3,42 cm ² 36 x 0,8 = 5,46 cm ² 24 x 1,0 = 4,56 cm ² 24 x 1,5 = 6,84 cm ² 20 x 2,0 = 7,00 cm ² 8 x 5,0 = 7,00 cm ²	L1 140, ...

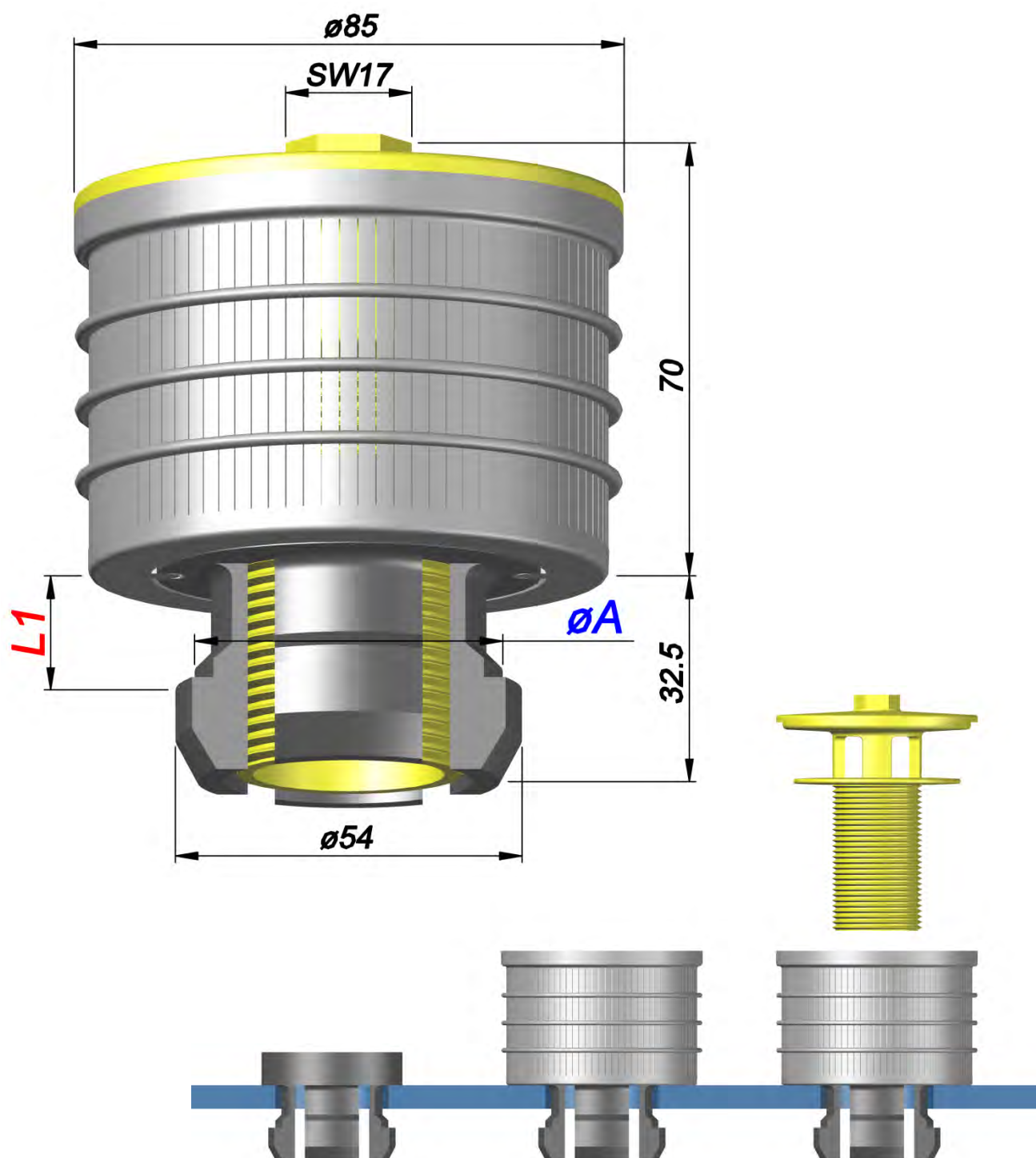
Filterdüsen

Filter-Nozzles

Crépines à filtre

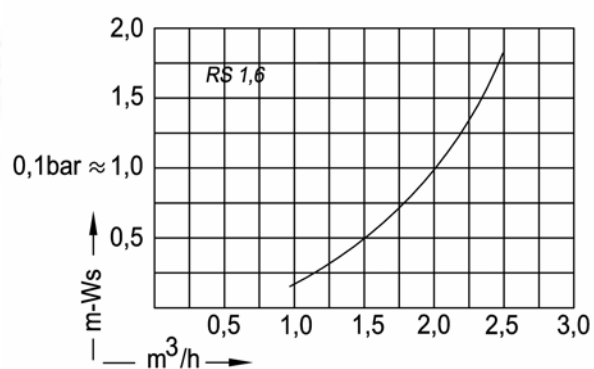
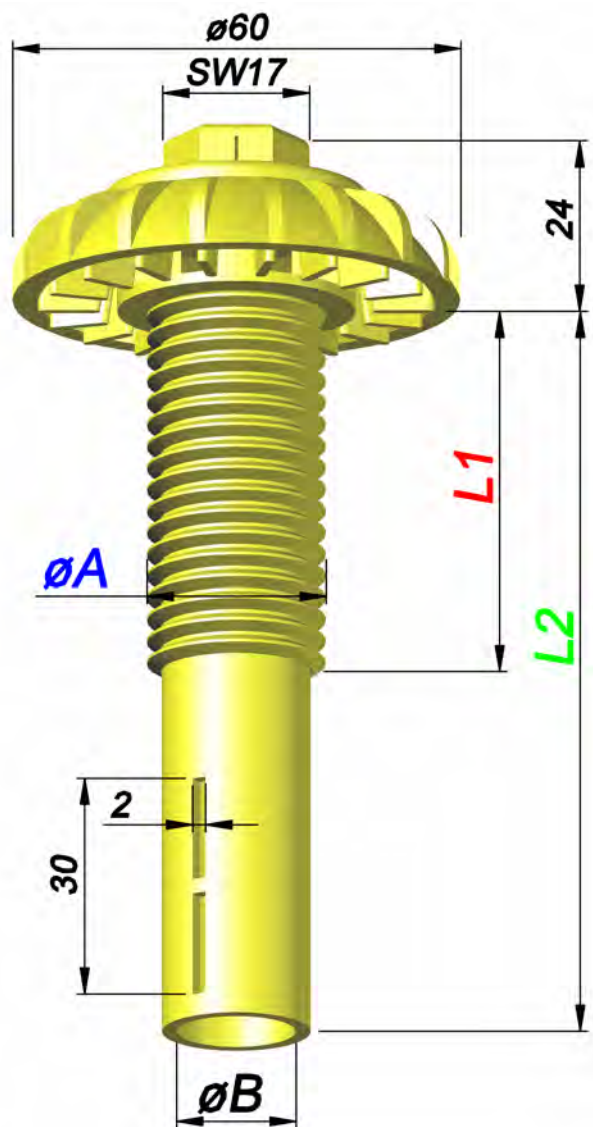
Toberas filtrantes

Typ R2DB



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras		øA	Bodenstärke plate thickness Epaisseur du plancher Espesor placa
	R2DB	0,2 0,3 0,5 1,0		48	L1 1 – 13 mm

Typ RS



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	$\varnothing B$
	RS	1,6 = 2,67 cm²	1 1/4"WW	32	20, 30, 45, +5+5...	80, 110, 140, 200, 250, ...	16 = 2,0 cm²
			M30 x 3.5	30	30		
			G 3/4"	26,5	20, 30, 45, +5+5...		
			1"WW	25,4	20, 45, +5+5...		
			M24	24	25, 45, +5+5...		
			M22 x 1,5	22	45, +5+5...		

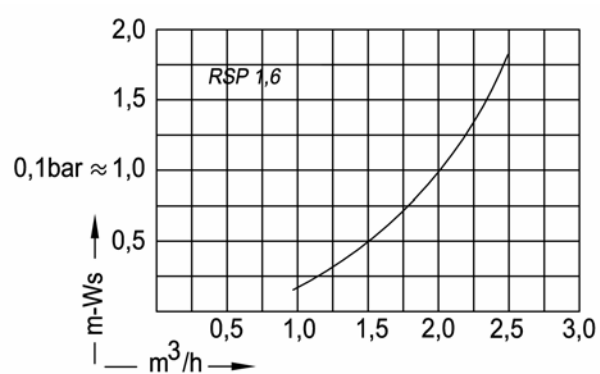
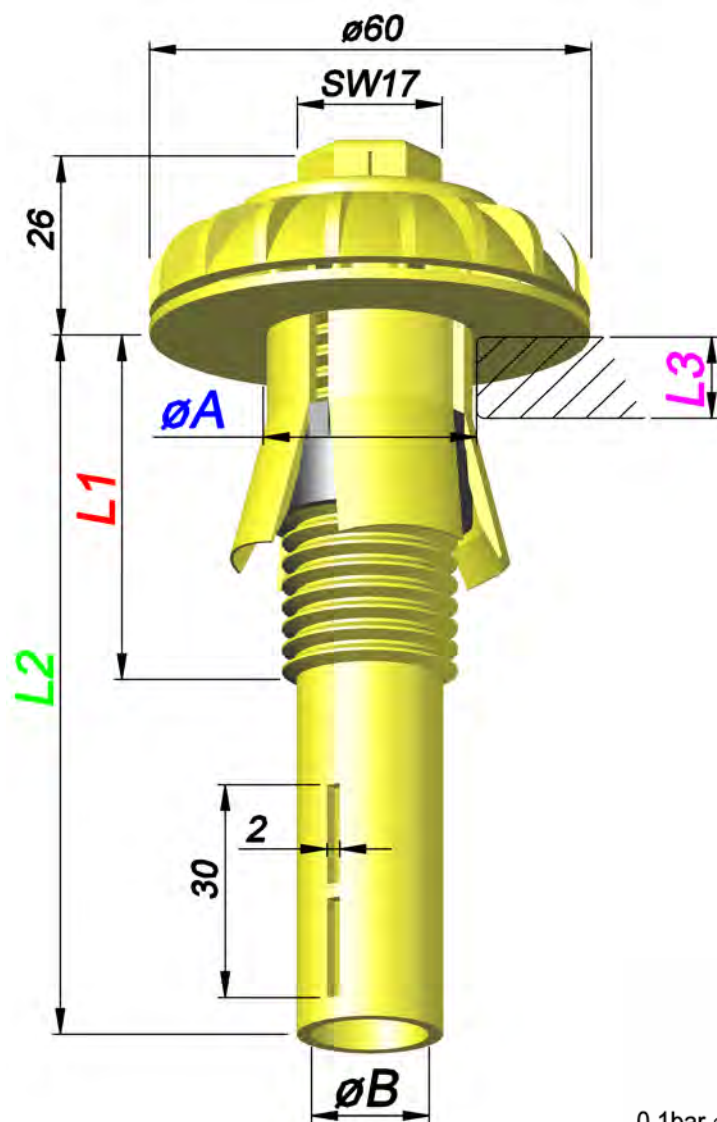
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ RSP



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Schaft Shaft Longueur de tige Tija	L2	$\varnothing A$	L3	L1	$\varnothing B$
	RSP	1,6 = 2,67 cm² 5,6 = 9,35 cm²	80, 110, 140, 200, 250		28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36	8 - 28	50	16 = 2,0 cm²

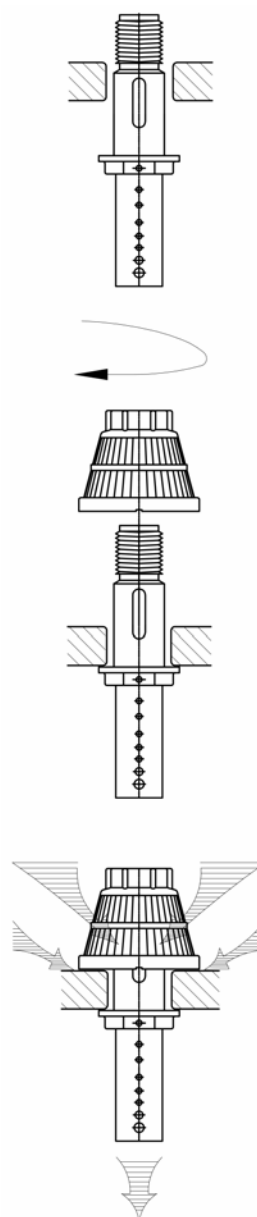
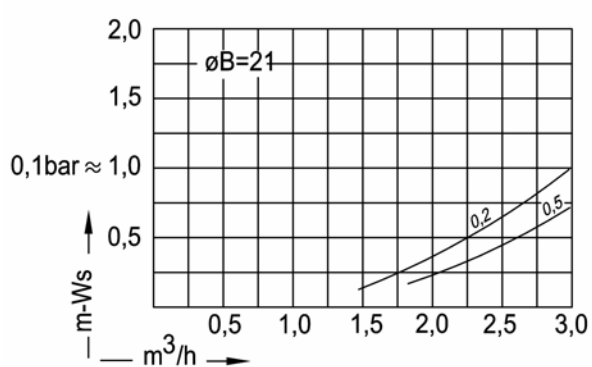
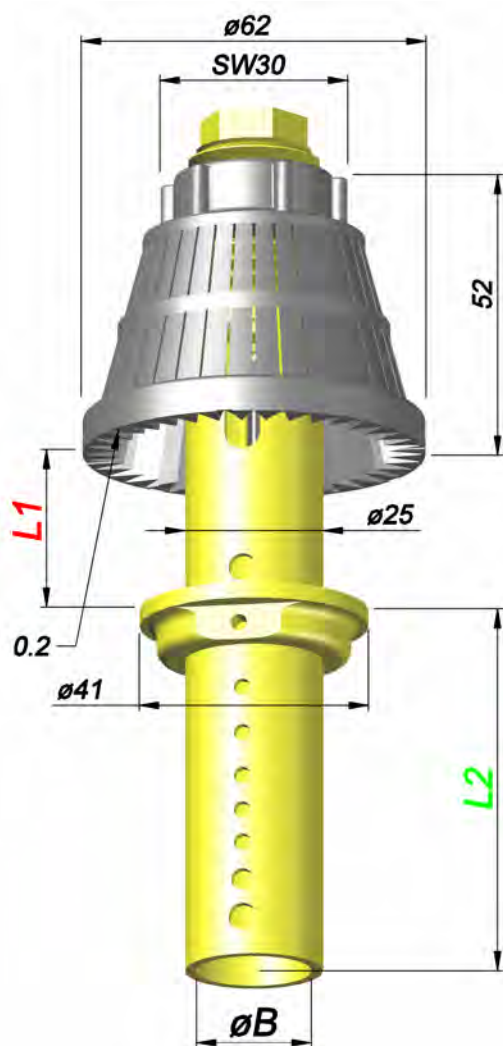
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ S2



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	L1	Schaft Shaft Longueur de tige Tija	L2	$\varnothing B$
	S2	40 x 0,2 = 3,04 cm ² 40 x 0,5 = 5,84 cm ² 40 x 0,7 = 8,18 cm ²	6 - 22	67,5		21 = 3,4 cm ²
			18 - 34	67,5		
			1 - 18	10		
			18 - 34	10		

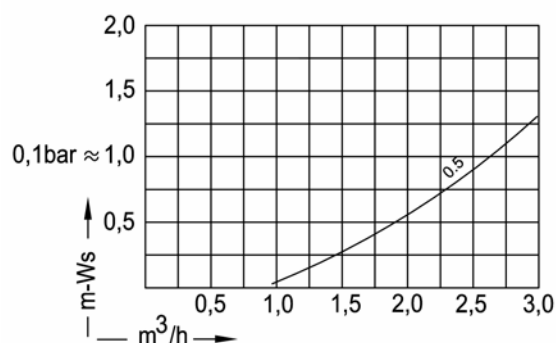
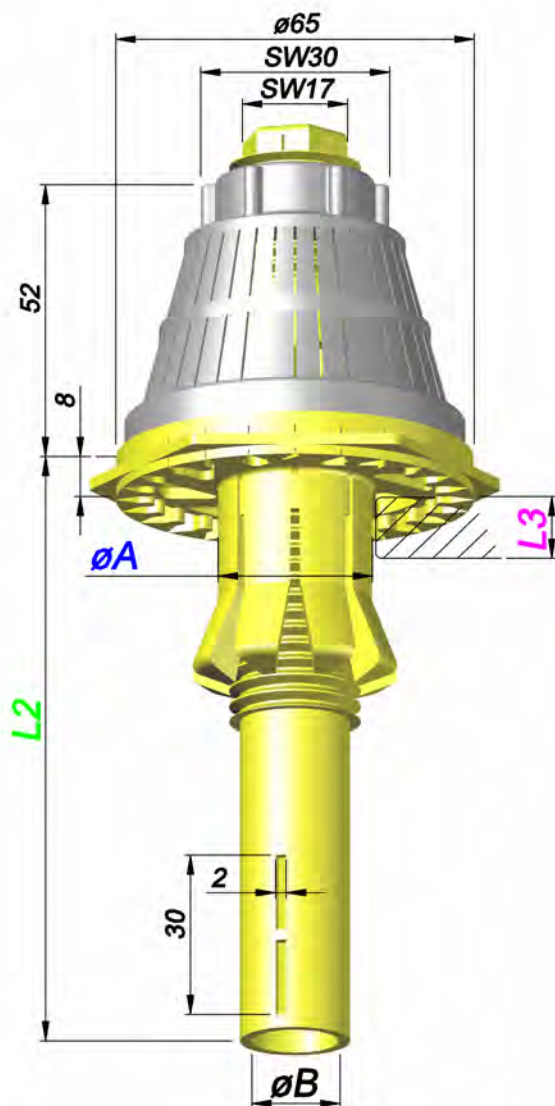
**Filterdüsen
mit Dübel und
Höhenausgleich**

**Filter-Nozzles
with Expanding
ring (dowel)**

**Crepine a Filtre
Avec Douille a
Expansion**

**Toberas filtrantes
con Anillas
de expansion**

Typ S2DB



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	L3	Farbe Color Coloration Coloracion	Schaft Shaft Longueur de tige Tija	L2	ØA	ØB
	S2DB	40 x 0,2 = 3,04 cm²	8 - 12	Elfenbein / Ivory / Ivoire / Marfil	110, ...		28 - 29	16 = 2,0 cm²
		40 x 0,5 = 5,80 cm²	12 - 17	Grau / Grey / Gris / Gris				
		40 x 0,7 = 8,18 cm²	17 - 22	Schwarz / Black / Noir / Negro				
			22 - 27	Blau / Blue / Bleu / Azul				

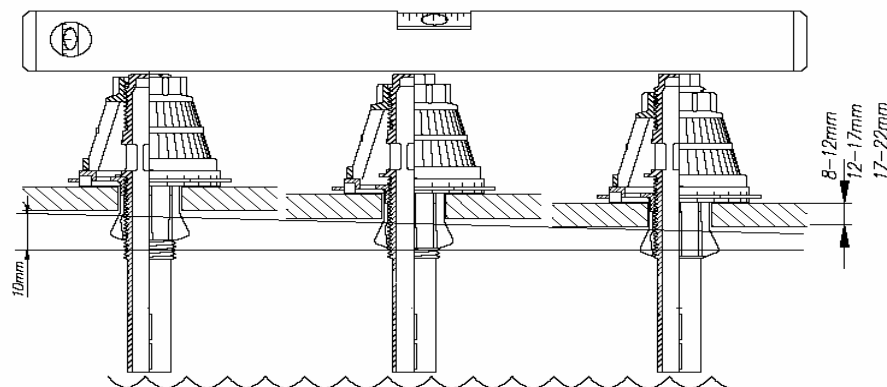
**Filterdüsen
mit Dübel und
Höhenausgleich**

**Filter-Nozzles
with Expanding
ring (dowel)**

**Crepine a Filtre
Avec Douille a
Expansion**

**Toberas filtrantes
con Anillas
de expansion**

Typ S2DB



Unebenheiten im
Düsenboden bis zu 10mm
und Unterschiede in der
Düsenbodenstärke bis zu 4mm
können problemlos mit einer
Filterdüse ausgeglichen werden

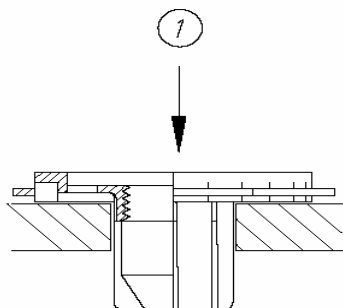
Unevenness in nozzleplate
up to 10 mm and
differences in plate-thickness
up to 4 mm can be taken
up with this Nozzle

CET ENSEMBLE PERMET DE CORRIGER
LES DIFFERENCES DE NIVEAU
JUSQU'A 10mm ET LES EPAISSEURS
DE PLANCHER JUSQU'A 4mm

Der Dübel wird in
die Bohrung (Ø28-Ø29) des
Düsenbodens eingebracht

Insert Dowel into
hole (Ø28 - Ø29)

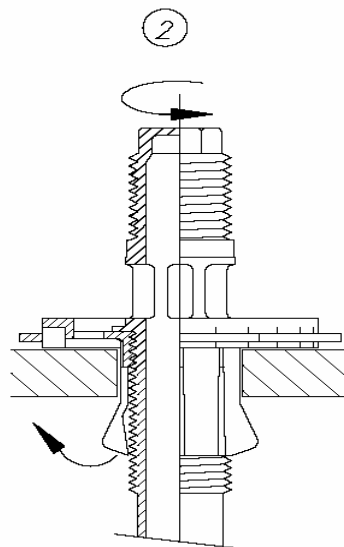
METTRE LA DOUILLE A
EXPANSION DANS LE TROU



Durch einschrauben des
Polsterrohres spreizt
sich der Dübel unter dem
Düsenboden

By screwing nozzle-body
into dowel, dowel
expands below plate

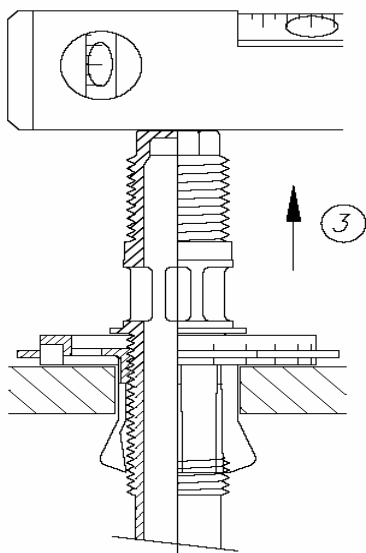
AUTO-BLOCAGE DE LA
DOUILLE SOUS LE PLANCHER
PAR VISSAGE DE LA TIGE



Polsterrohr durch verstellen
in die Waage bringen

leveling of nozzle-body

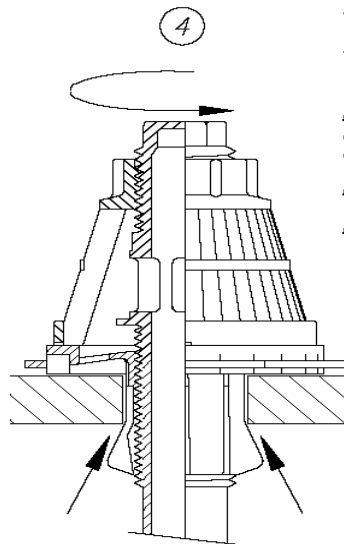
REGLAGE DES HAUTEURS
DE TIGE



Durch aufschrauben des Schlitzteiles
wird der Dübel mit dem
Düsenboden verspannt
(Toleranzausgleich)

By assembling slot-cap,
expanding ring is fixed
against nozzle plate

BLOCAGE DE L'ENSEMBLE PAR
VISSAGE DU PANIER
DE LA CREPINE



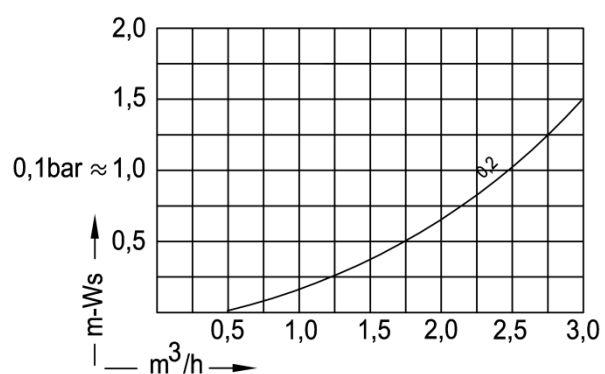
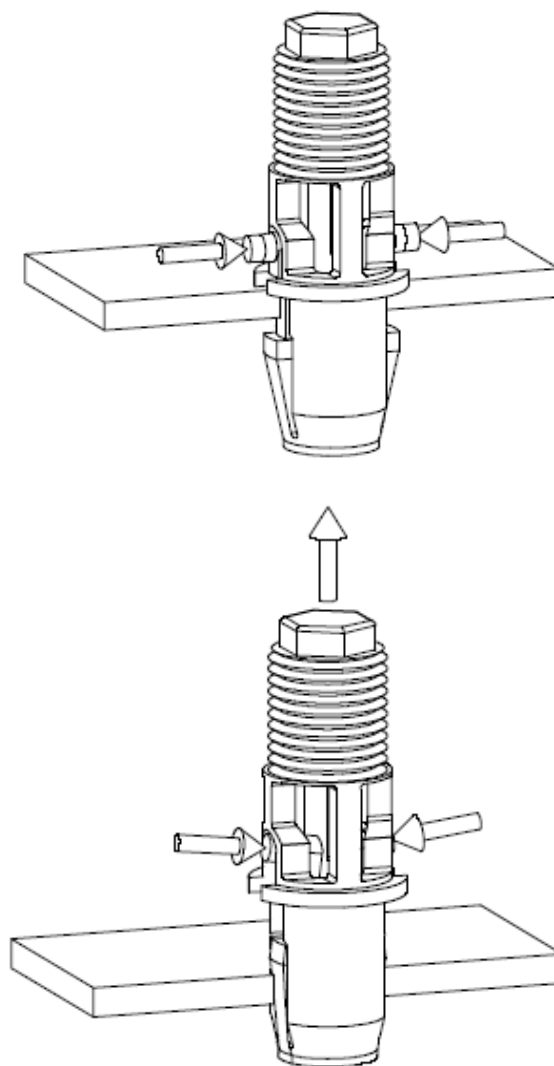
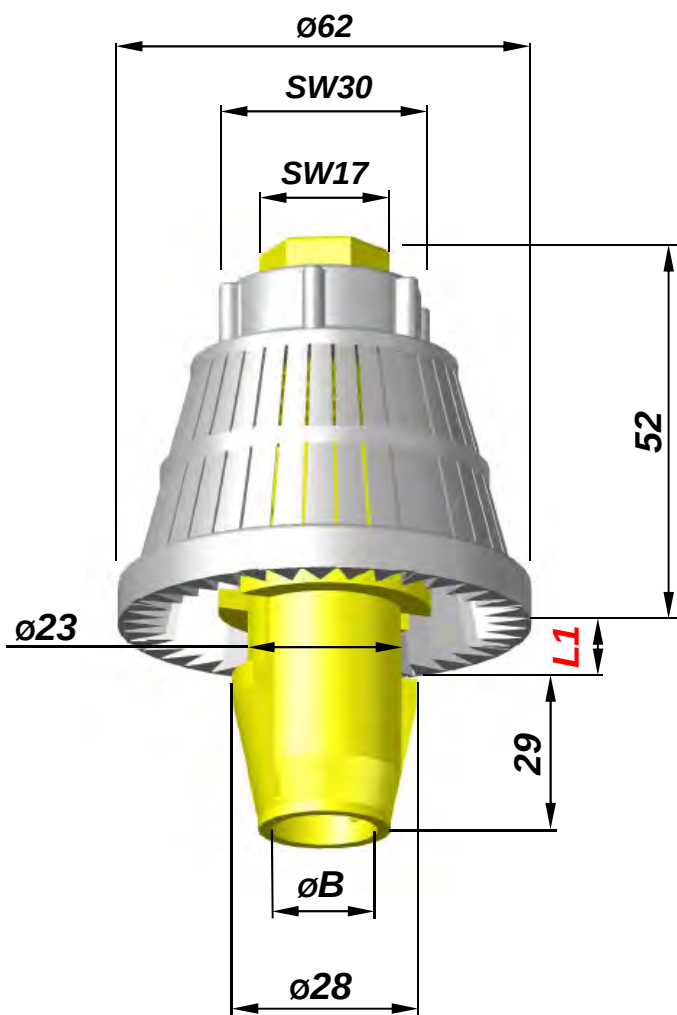
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ S2EL



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	L1	ØB
	S2EL	40 x 0,2 = 3,04 cm ² 40 x 0,5 = 5,84 cm ² 40 x 0,7 = 8,18 cm ²	<10 mm		16 = 2,0 cm ²

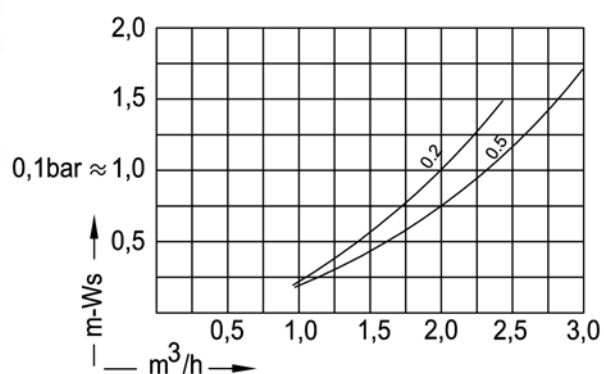
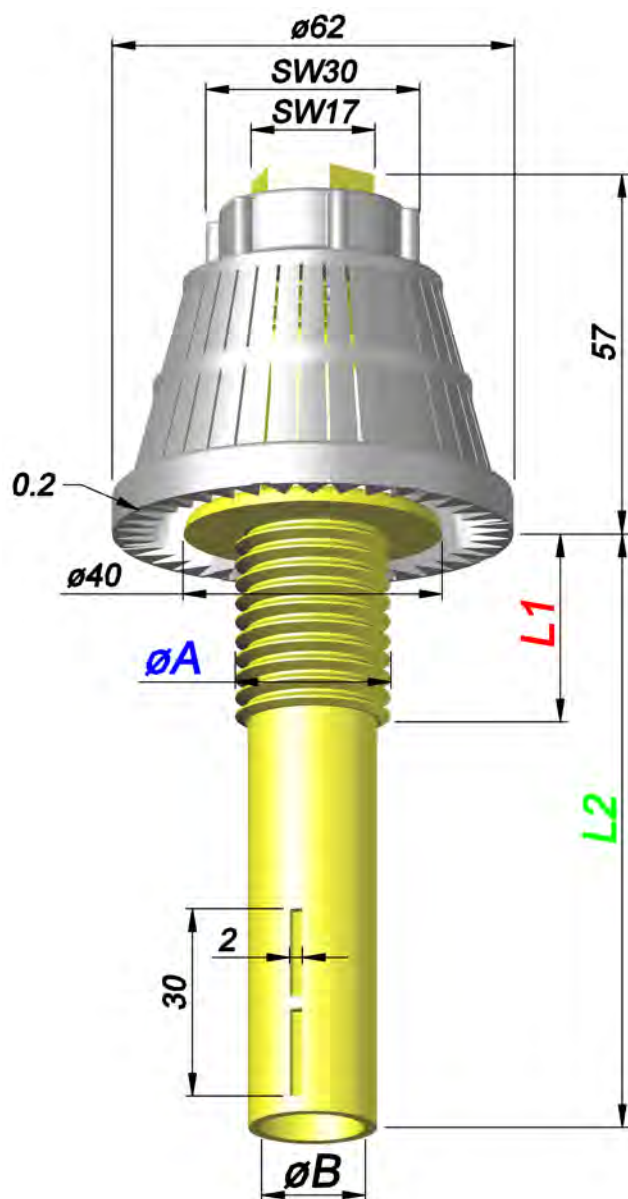
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ S2G



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	ØB
	S2G	40 x 0,2 = 3,04 cm² 40 x 0,5 = 5,84 cm² 40 x 0,7 = 8,18 cm²	G 1"	33,25	20	80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm²
			1 1/4" WW	32	25, 30, 45		
			M30	30	30		
			G 3/4"	26,5	20, 45, 50, +5 +5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm²
			1" WW	25,4	45		
			M24	24	20, 45, 50, +5 +5...		

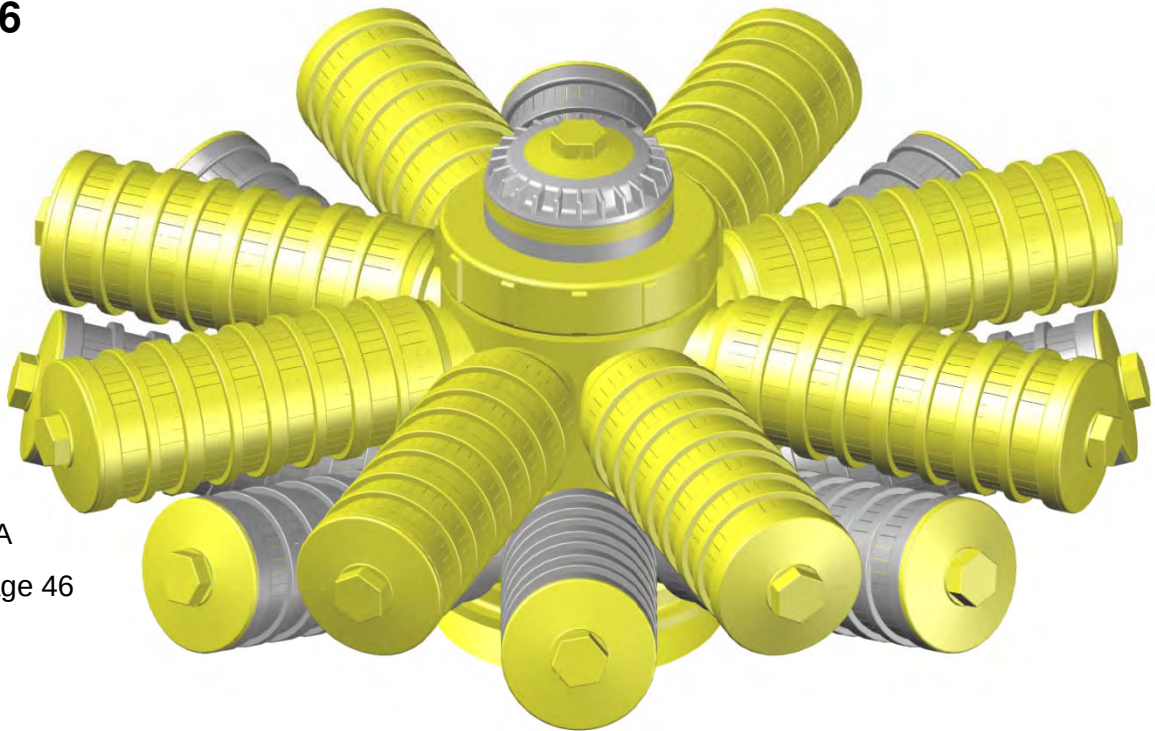
Filterdüsen-Sterne
mit 16 Armen

Filter-Nozzles-Stars
with 16 arms

Crépines étoiles
à 16 bras

Estrellas para
toberas a filtro
con 16 brazos

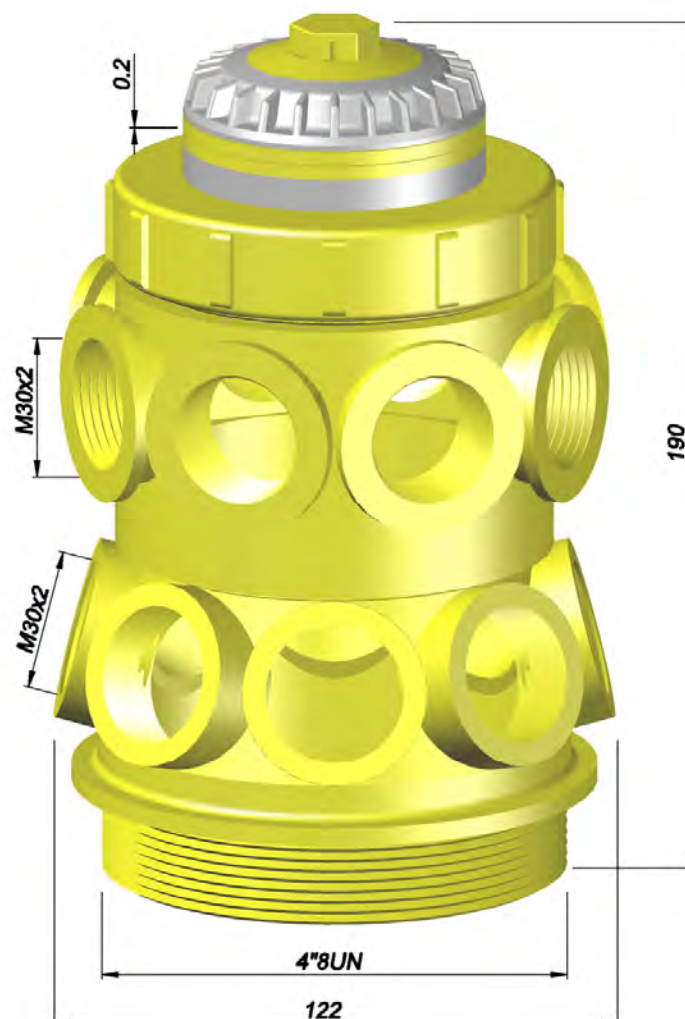
Typ SG16



Typ A

Seite / Page 46

Typ MSG16



Bestellung
Ordering
Commande
Encargo

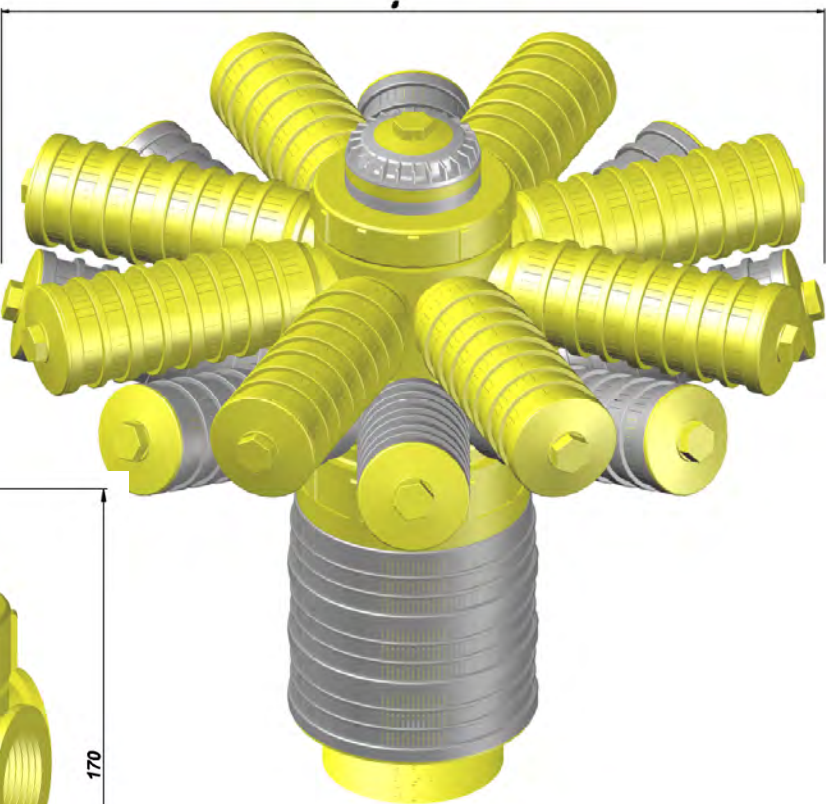
Typ
Type
Type
Tipa



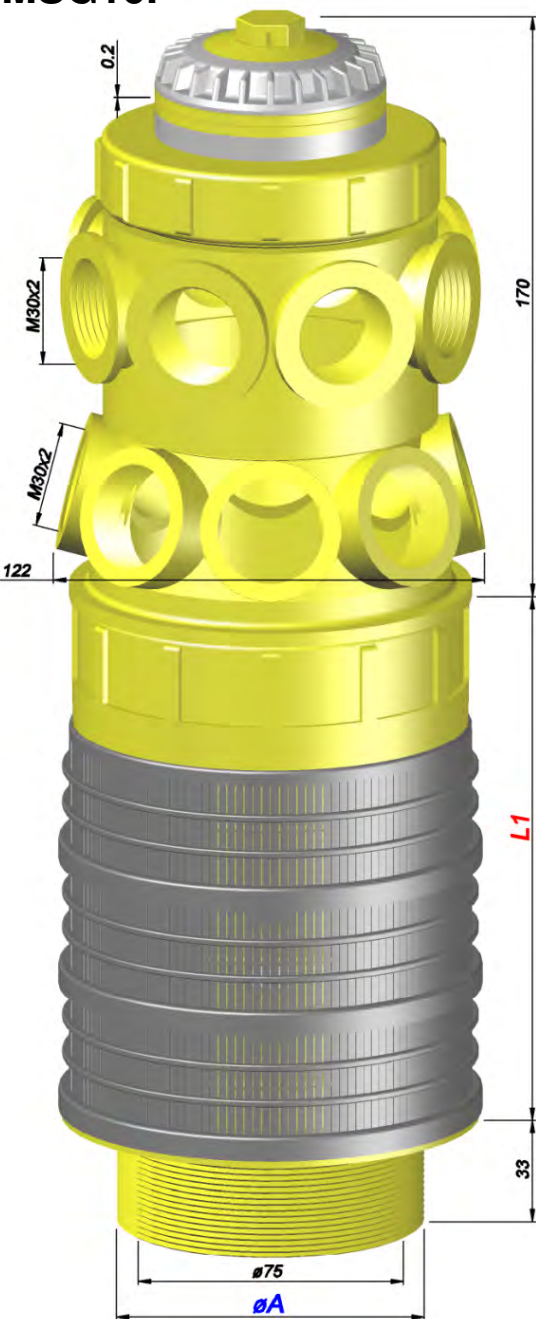
MSG16

Typ SG16F

Typ A
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Typ MSG16F



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	øA	Länge Length Longueur Largura L1
	MSG16F	0,2	G 3" 3"NPT 4" 8UN	115, 150, 190, 228

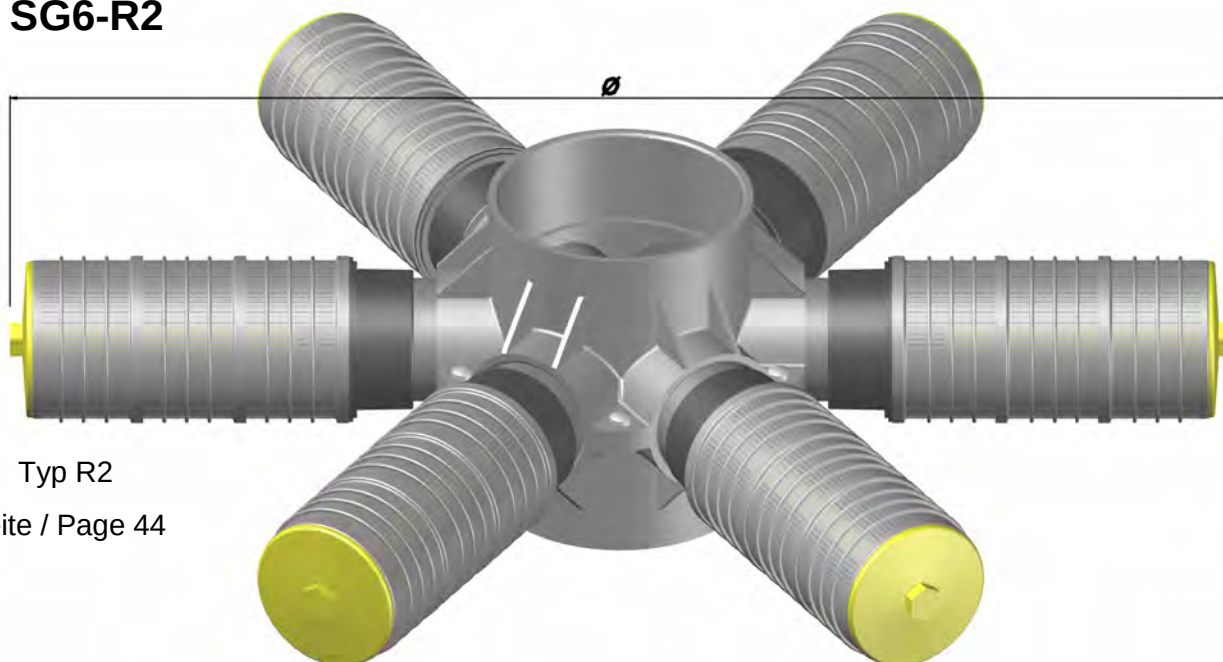
Filterdüsen-Sterne
mit 6 Armen

Filter-Nozzles-Stars
with 6 arms

Crépines étoiles
à 6 bras

Estrellas para
toberas a filtro
con 6 brazos

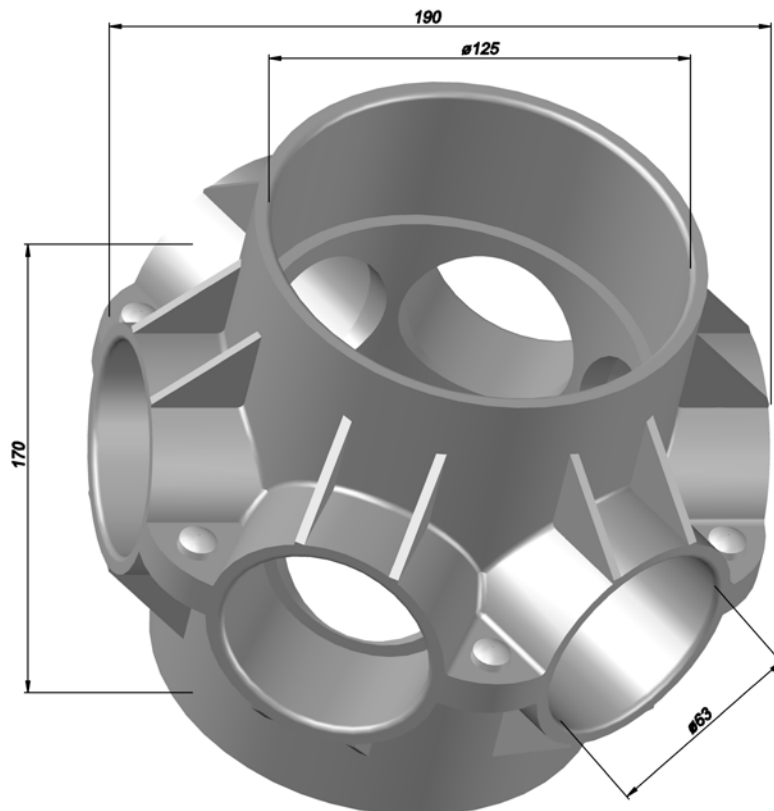
Typ SG6-R2



Typ R2

Seite / Page 44

Typ MSG6-R2



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiau Material
	MSG6-R2	PVC

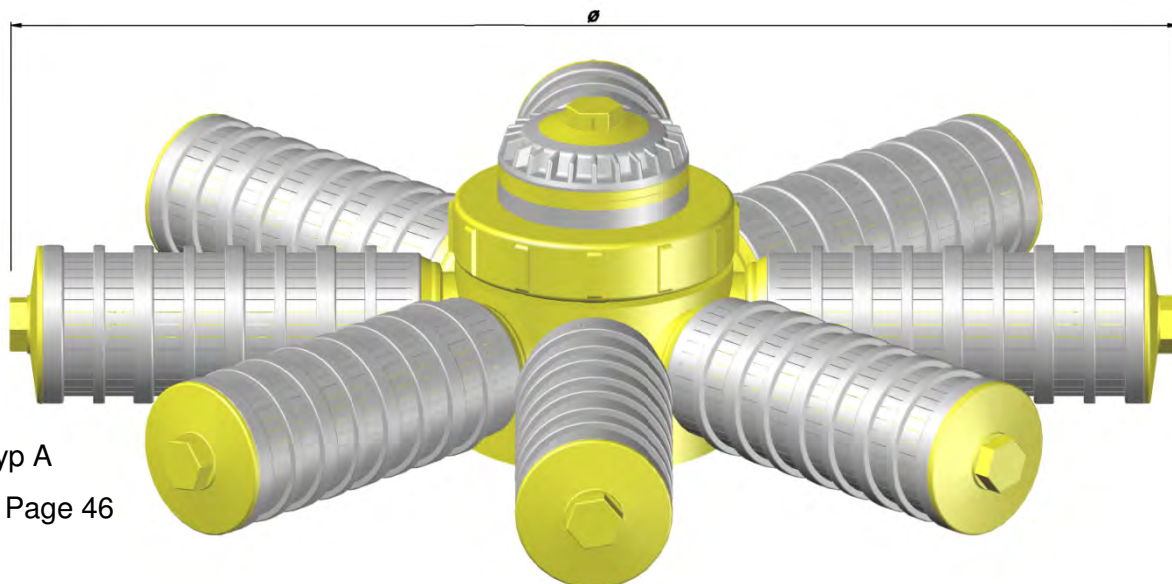
Filterdüsen-Sterne
mit 8 Armen

Filter-Nozzles-Stars
with 8 arms

Crépines étoiles
à 8 bras

Estrellas para
toberas a filtro
con 8 brazos

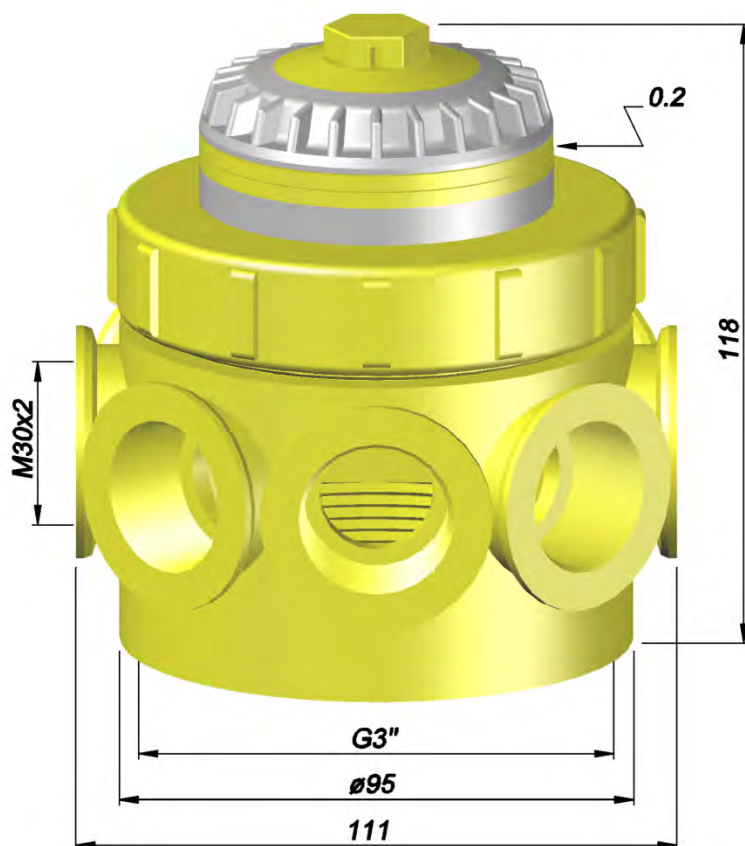
Typ SG8



Typ A

Seite / Page 46

Typ MSG8



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca
	A	0,2 0,5 1,0 2,0	M30x2
		SG8	
Länge Length Longueur Largura	L1	Ø = mm	
206		523	
237		585	
268		647	
299		709	
330		771	
361		833	
392		895	
423		957	
454		1019	
485		1081	
516		1143	
547		1205	
578		1267	
609		1329	
640		1391	
671		1453	
702		1515	
733		1577	
764		1639	
795		1701	

Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	MSG8

**Filterdüsen-Sterne
mit 16 Armen**

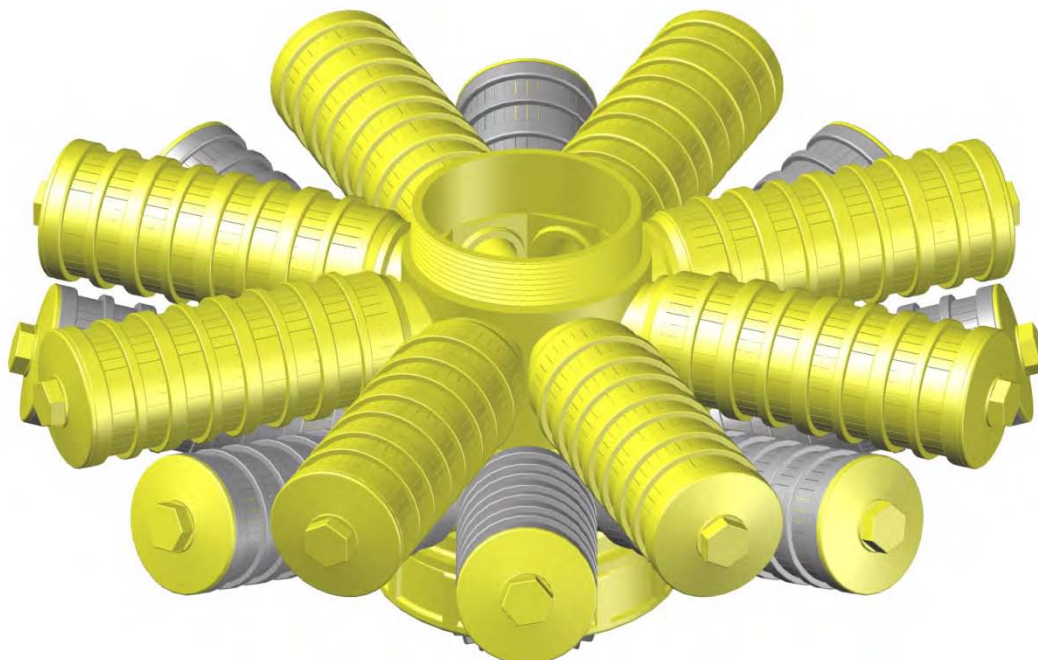
**Filter-Nozzles-Stars
with 16 arms**

**Crépines étoiles
à 16 bras**

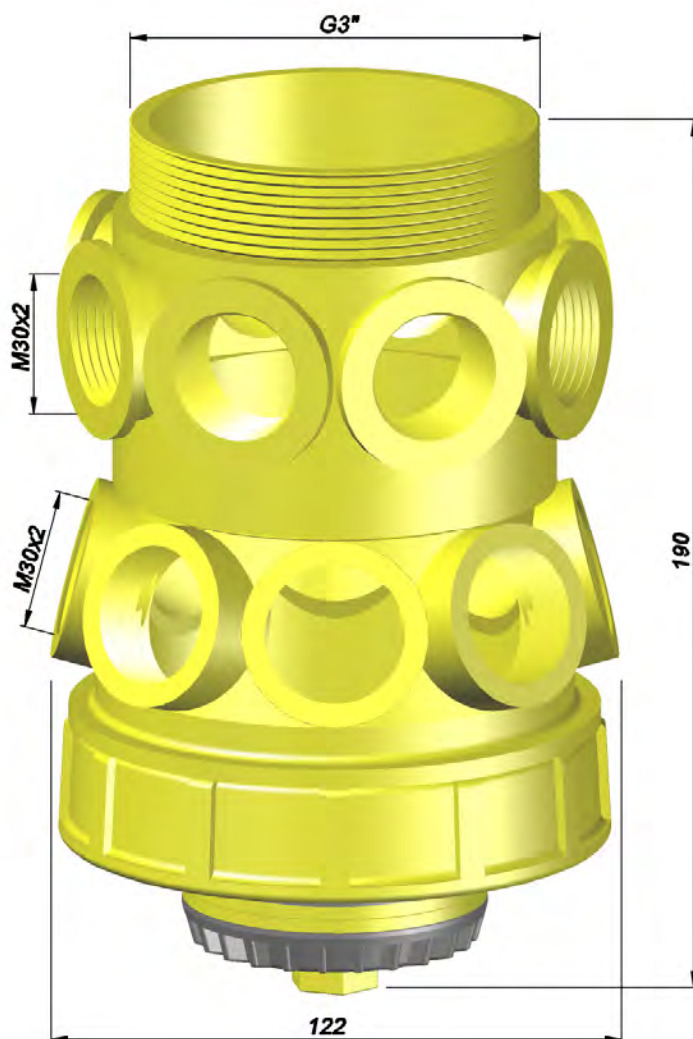
**Estrellas para
toberas a filtro
con 16 brazos**

Typ SGO16

Typ A
Seite / Page 46



Typ MSGO16



Bestellung
Ordering
Commande
Encargo

Typ
Type
Type
Tipa



MSGO16

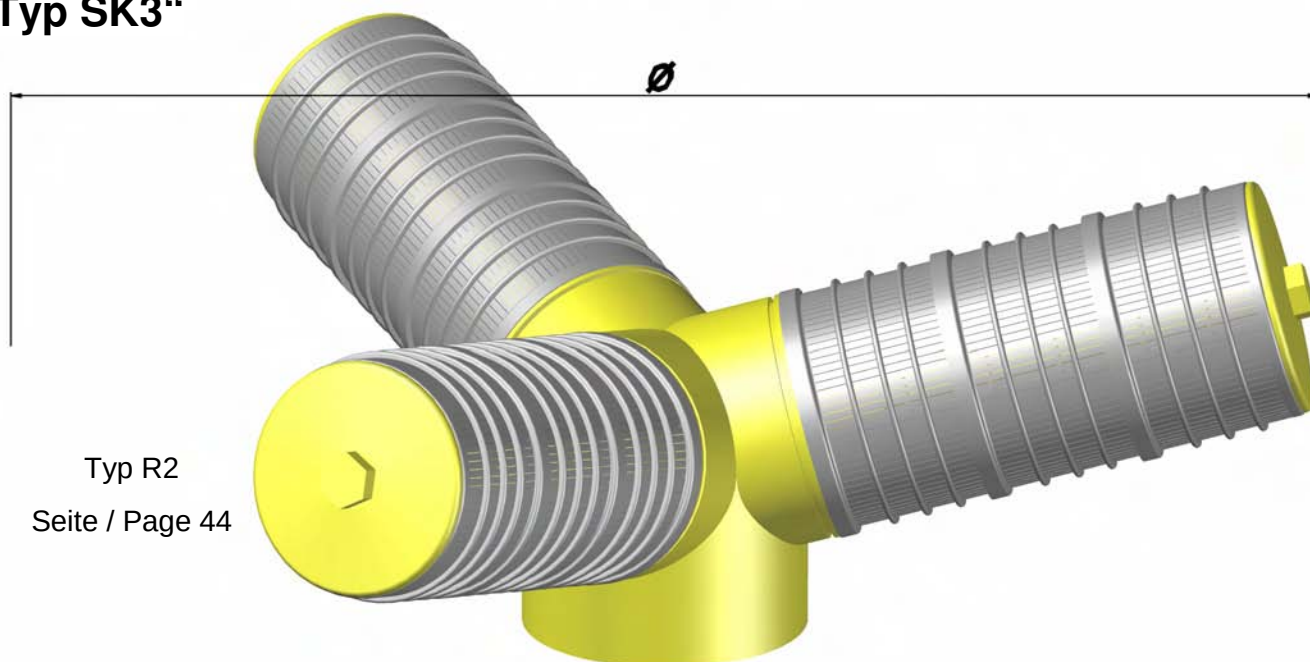
Filterdüsen-Sterne
mit 3 Armen

Filter-Nozzles-Stars
with 3 arms

Crépines étoiles
à 3 bras

Estrellas para
toberas a filtro
con 3 brazos

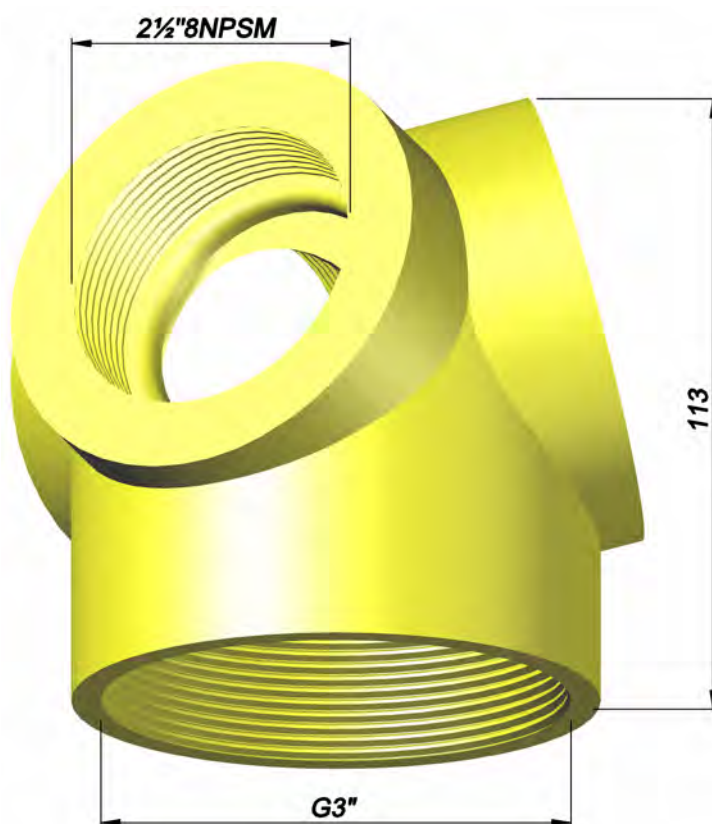
Typ SK3“



Typ R2

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Typ MSK3“



Bestellung
Ordering
Commande
Encargo

Typ
Type
Type
Tipa



MSK3“

Filterdüsen-Sterne
mit 5 Armen

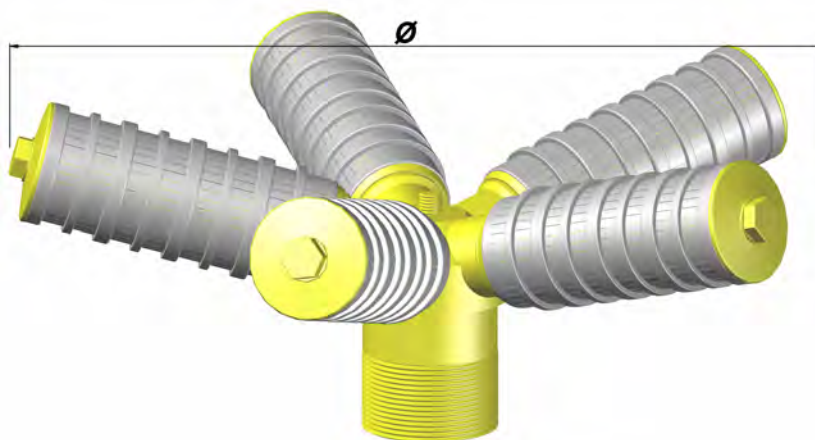
Filter-Nozzles-Stars
with 5 arms

Crépines étoiles
à 5 bras

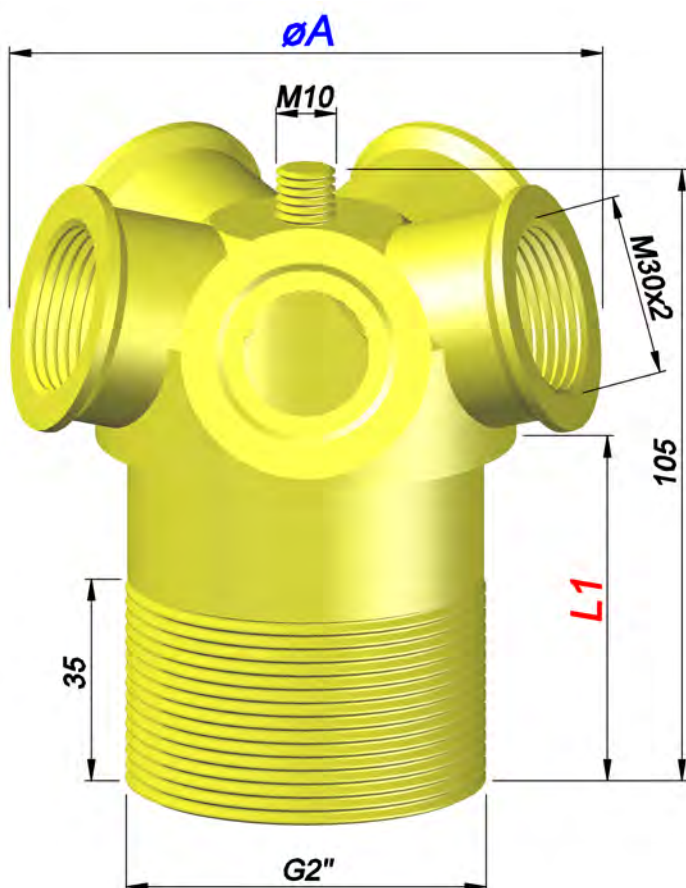
Estrellas para
toberas a filtro
con 5 brazos

Typ SK5

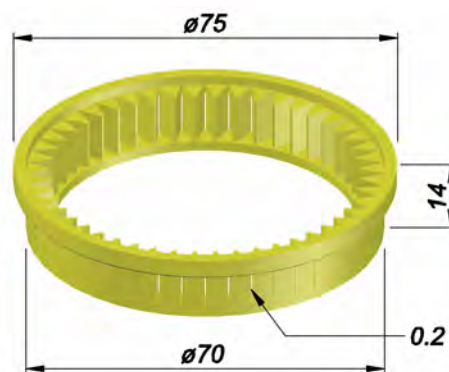
Typ A
Seite / Page 46



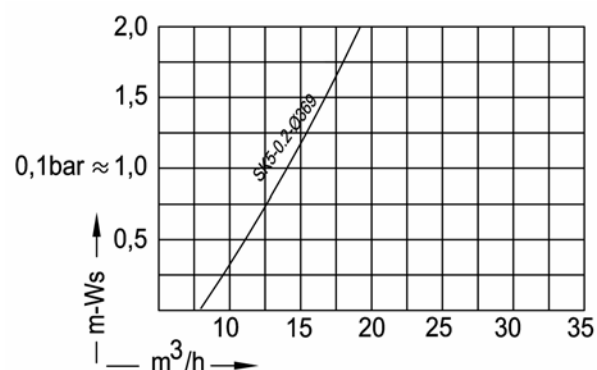
Typ MSK5



Typ ER



Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	ER



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	L1	ØA
	MSK5	59	98

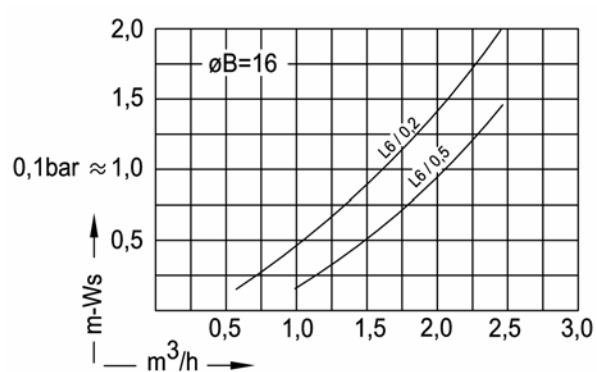
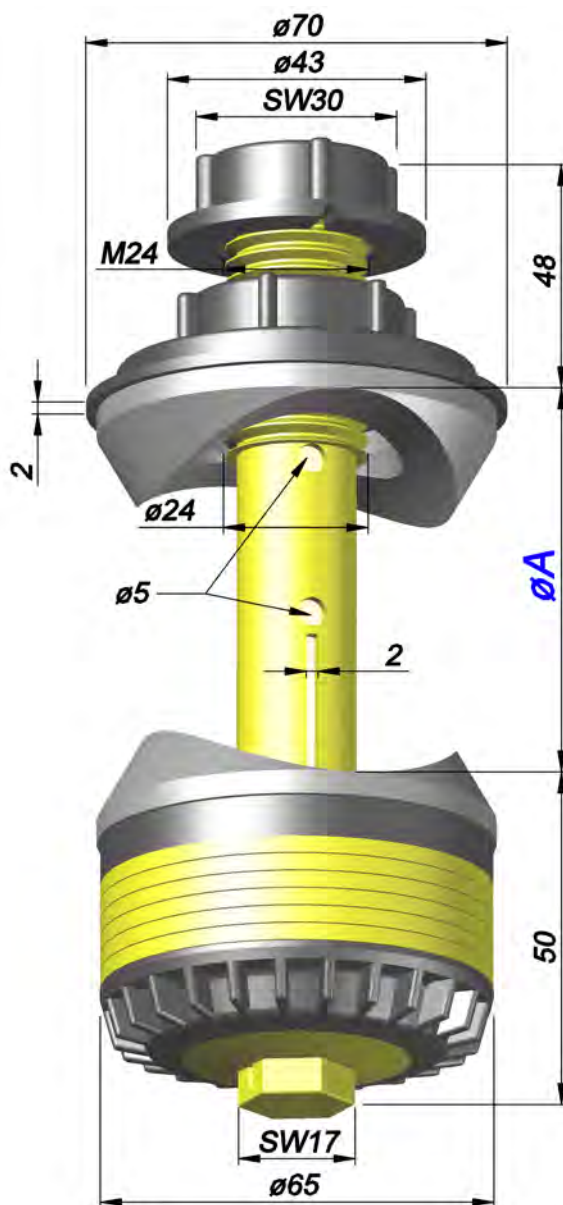
Filterdüsen für
Drainagesystem

Filter-Nozzles for
Drainage system

Système de
drainage

Sistemas de
drenaje

Typ SLR



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	pro Ring per Ring	ØA
	SLR	0,1 = 0,2 cm ² 0,15 = 0,3 cm ² 0,2 = 0,4 cm ² 0,3 = 0,6 cm ² 0,5 = 1,0 cm ²		60,3 ; 63 ; 75 ; 90 ; 114 ; 147 ; 165 ; 219 ; 273 ; 324

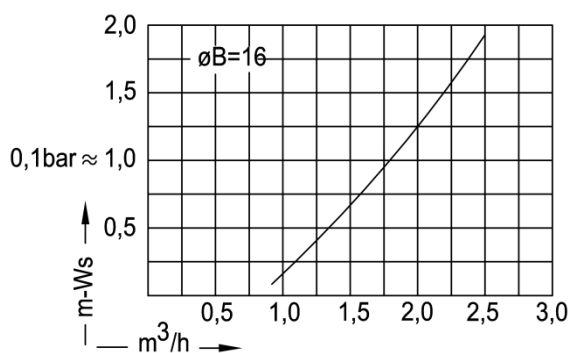
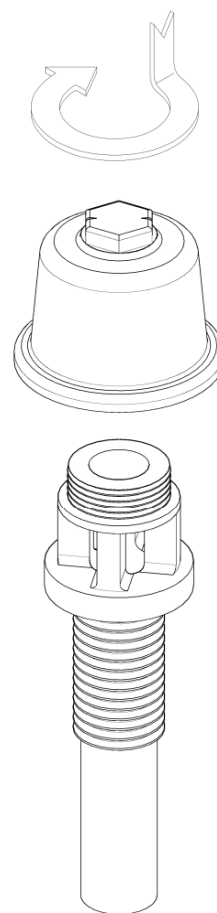
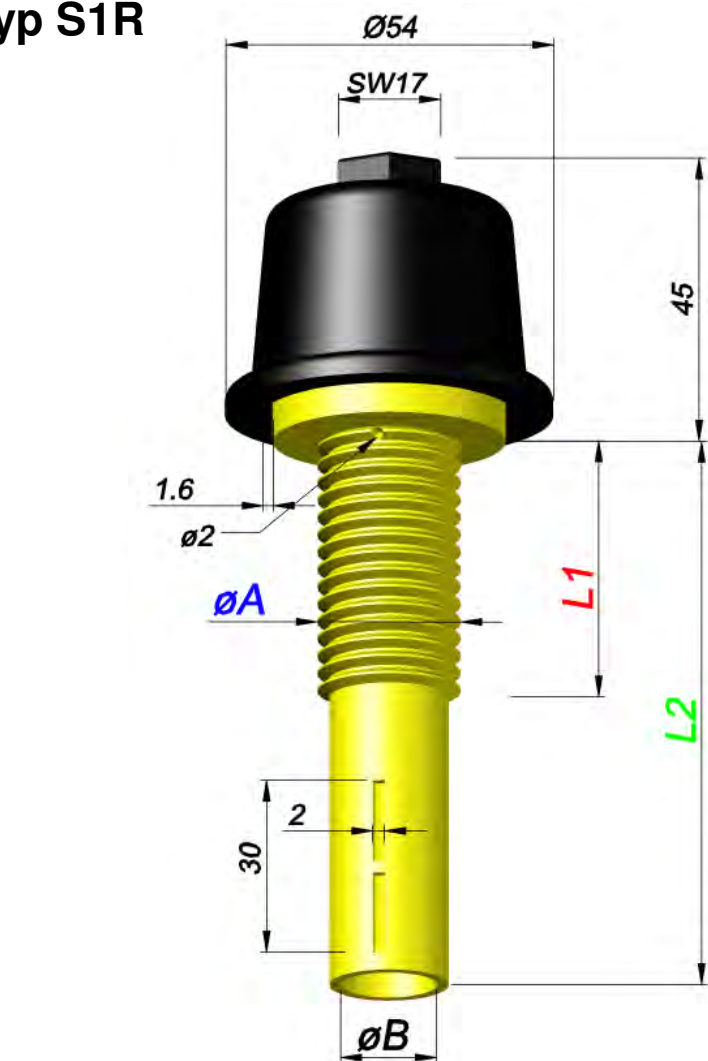
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

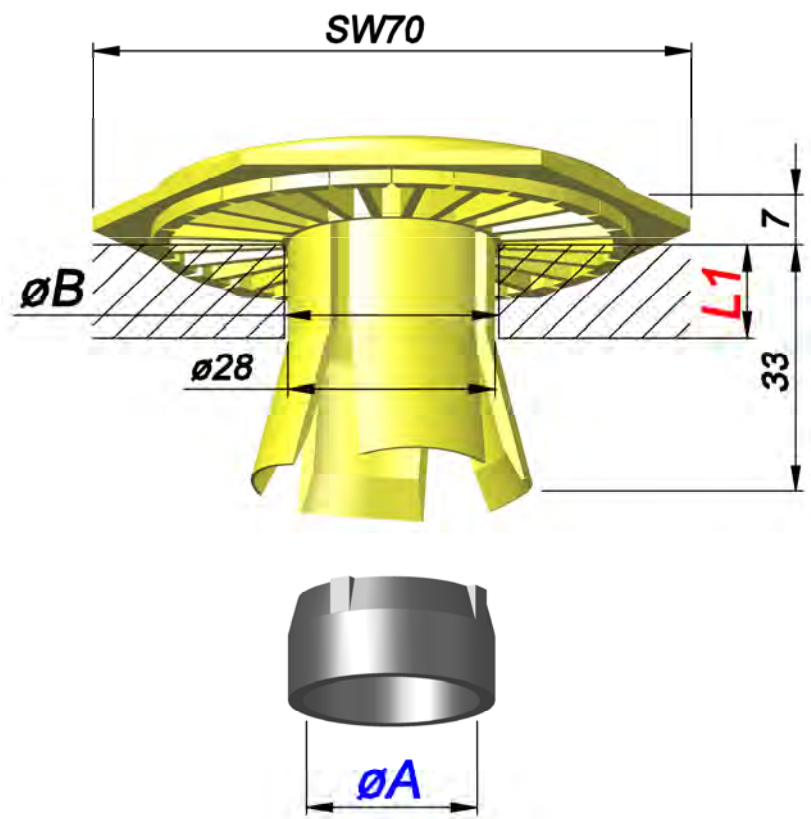
Typ S1R



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	ØB
	S1R	1,6mm = 2,04 cm²	G 3/4"	26,5	20, 45, 50, +5 +5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm²
			1"WW	25,4	45		
			M24	24	20, 45, 50, +5 +5...		

Dübel	Expanding ring (dowel)	Douilles expansives	Anillas de expansion
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Typ SW70

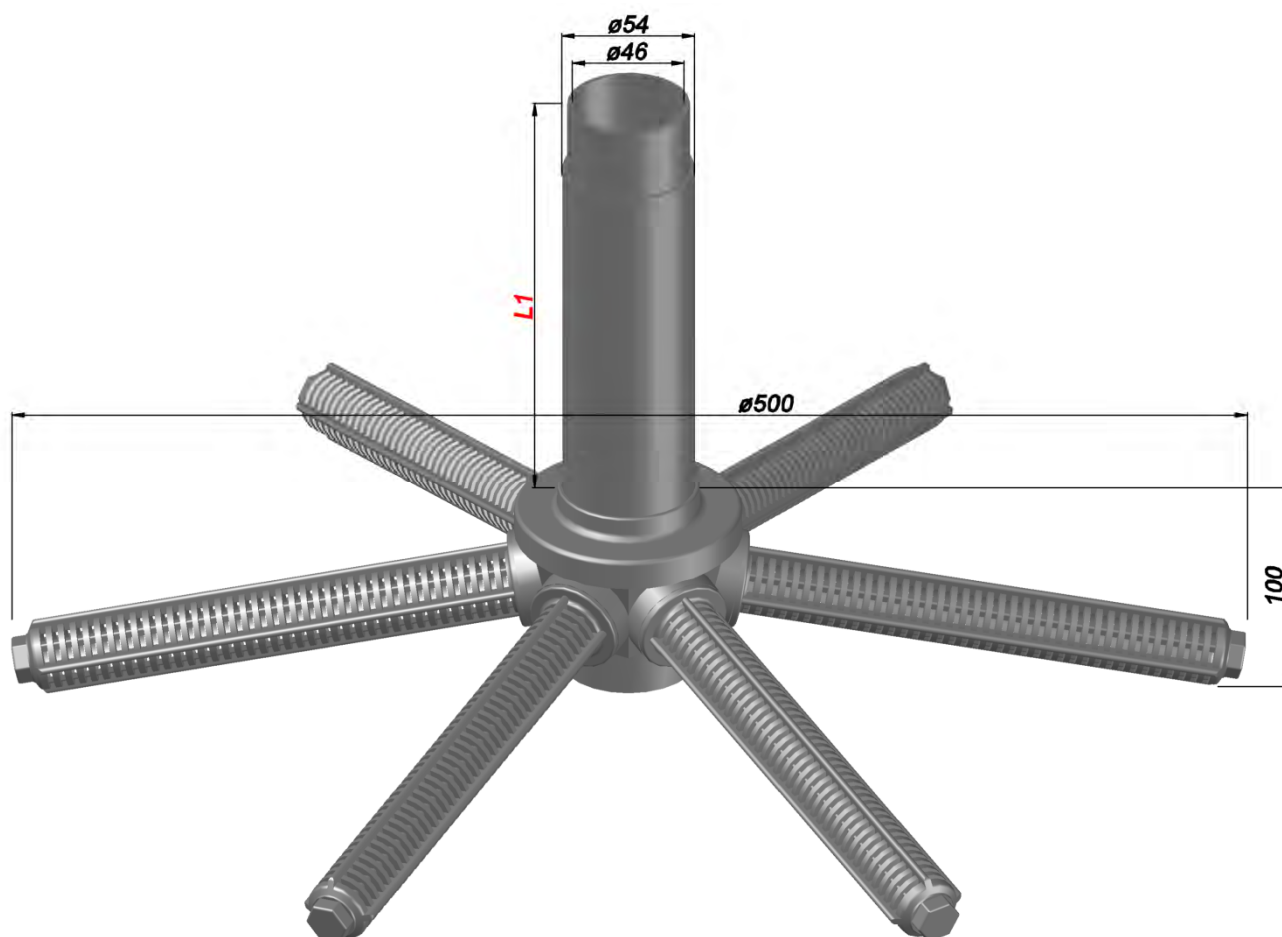


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	øB	Gewinde Thread Filetage Rosca	øA	Bodenstärke plate thickness Epaisseur du plancher Espesor placa
	SW70	28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36;	M24	24	8 - 28

Teichfilter

Pondfilter

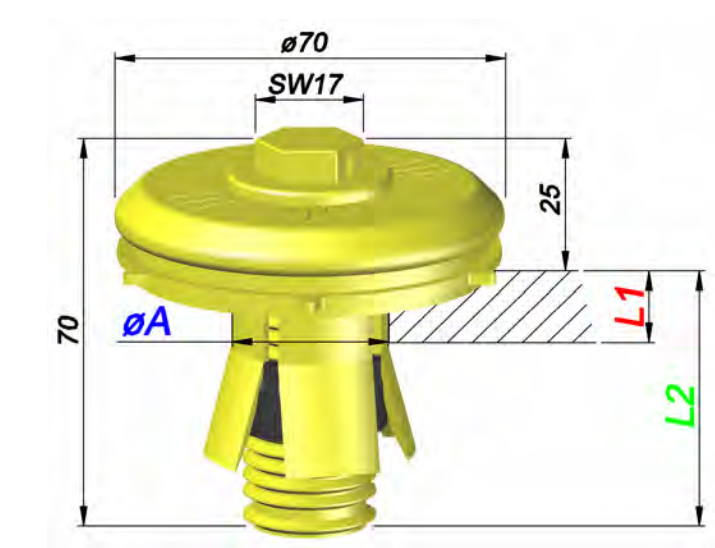
Typ TF



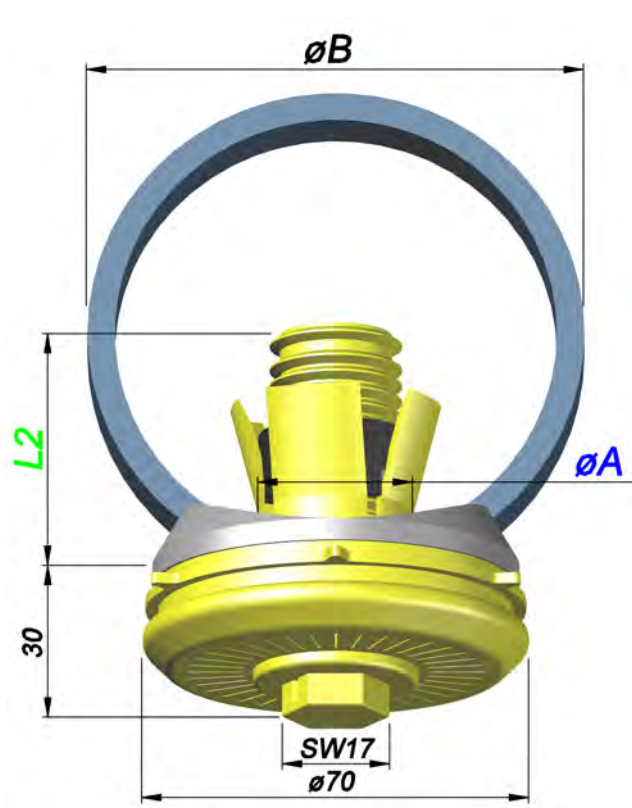
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Länge Length Longueur Largura
	TF	1,0	L1 180, 360, ...

Filterdüsen für Drainagesystem	Filter-Nozzles for Drainage system	Système de drainage	Sistemas de drenaje
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Typ TSP



Typ ATSP



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	L1	$\varnothing A$	$\varnothing B$	Schaft Shaft Longueur de tige Tija	L2
	TSP	36 x 0,35 = 1,26 cm ²	8 - 28		28-29,5; 29,5-31,5; 31,5-33;		Nach Angabe according detail selon détails adecuado detalle	
			25 - 45		33-34,5; 34,5-36;			
			8 - 28		26-28			
	ATSP	36 x 0,35 = 1,26 cm ²			28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36; 26-28	60,3; 63; 75; 90; 114; 147; 165; 219; 273; 324		

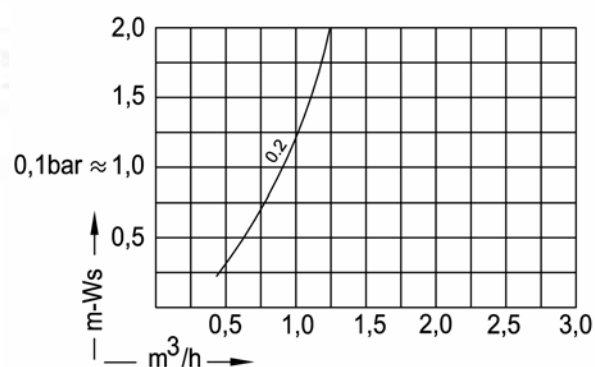
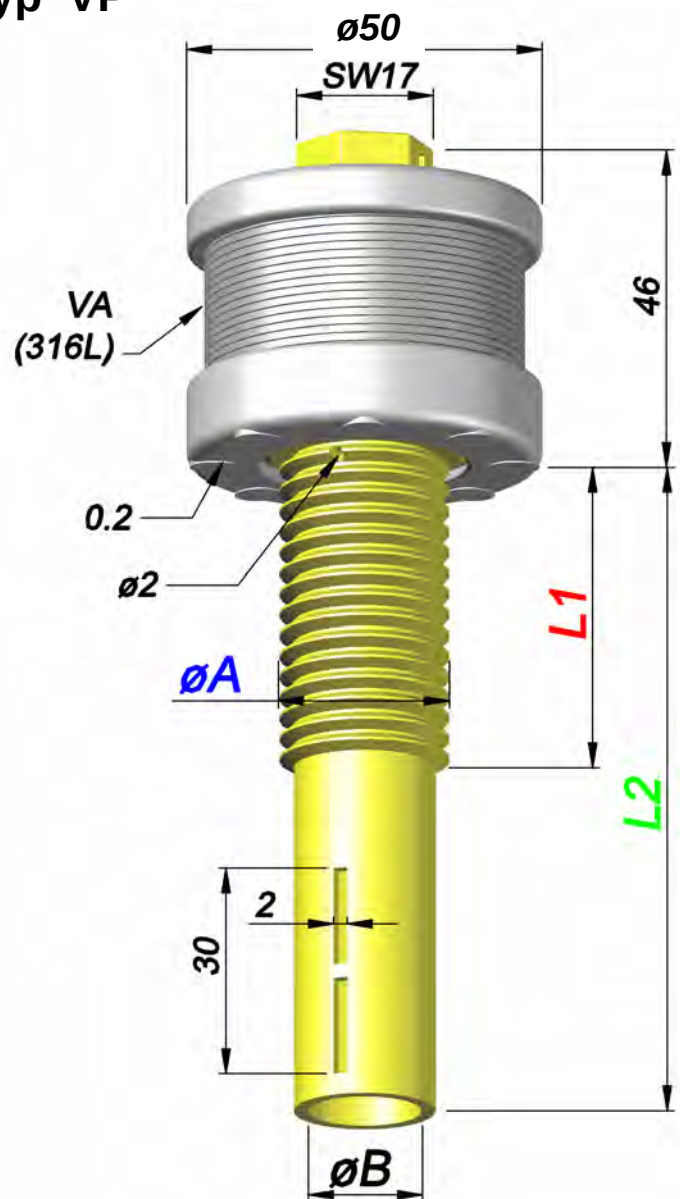
Filterdüsen

Filter-Nozzles

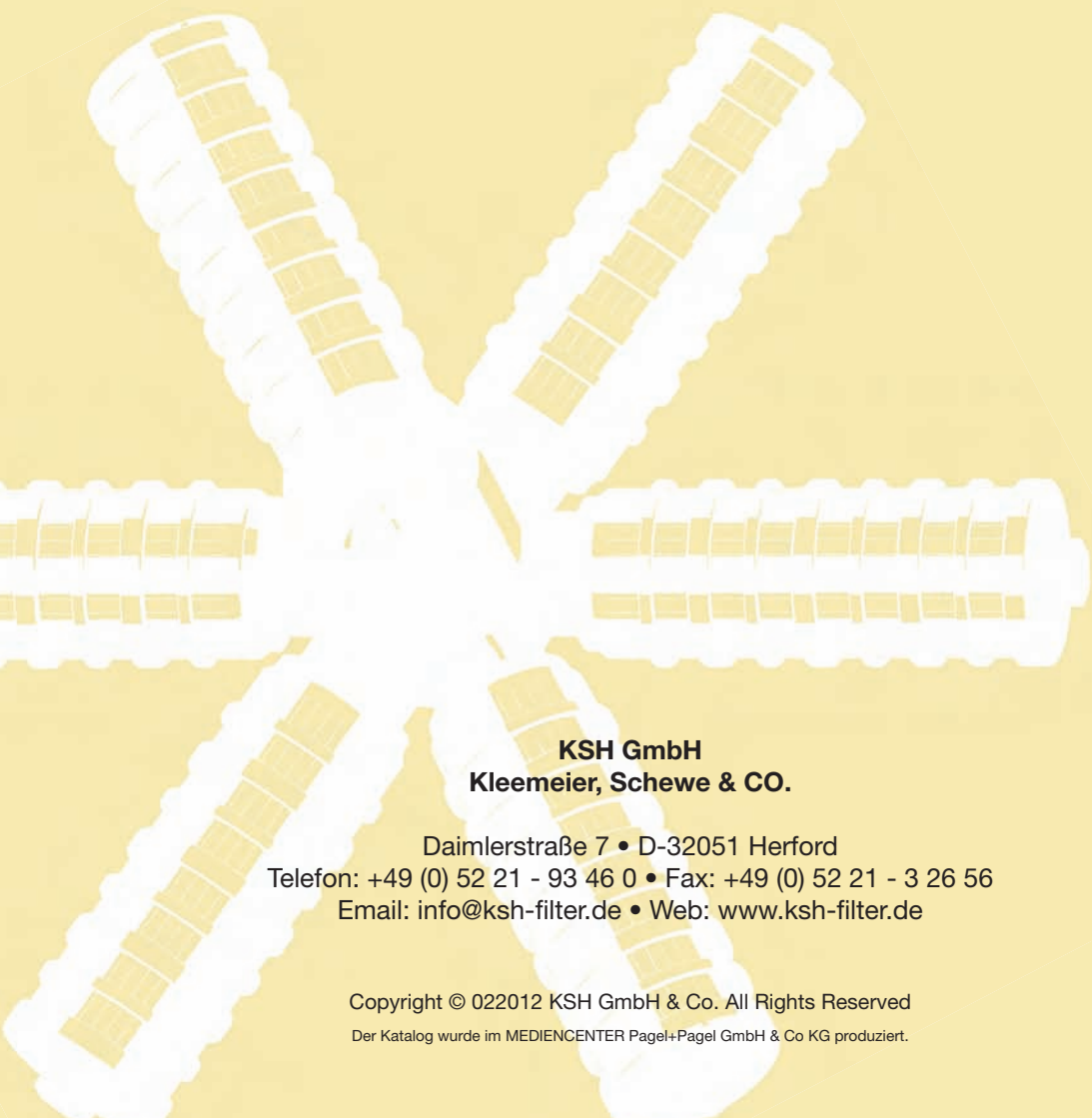
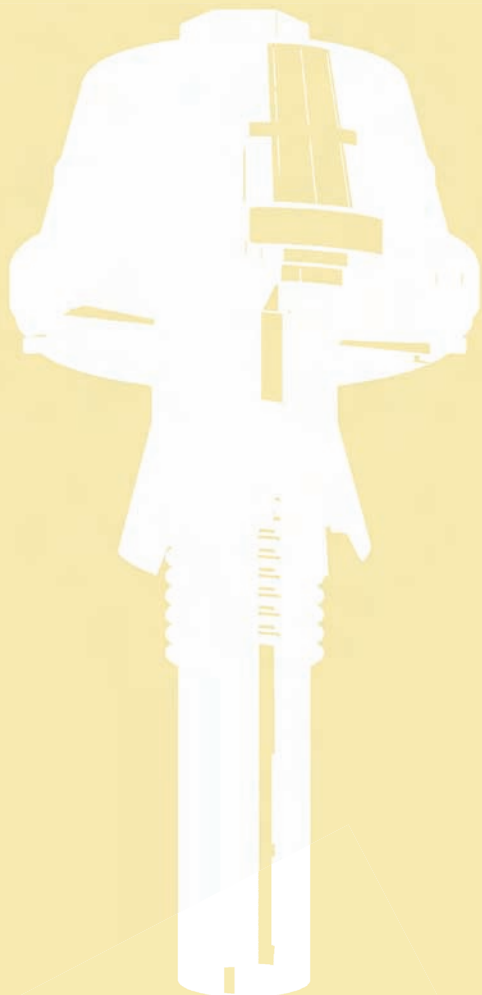
Crépines à filtre

Toberas filtrantes

Typ VP



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitze Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	ØB
	VP	0,2 = 2.50 cm² 0,3 = 3.80 cm²	1 1/4" WW	32	20, 30, 45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm²
			M30 x 3.5	30	30		
			G3/4"	26,5	20, 30, 45, +5+5...		
			1" WW	25,4	20, 45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm²
			M24	24	25, 45, +5+5...		
			M22 x 1,5	22	45, +5+5...		
			G1/2"	21	15, 20, 40		
			M20	20	45, +5+5...	80, 110, 140, 200, ...	13 = 1,3 cm²
			G3/8"	16,7	20		



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