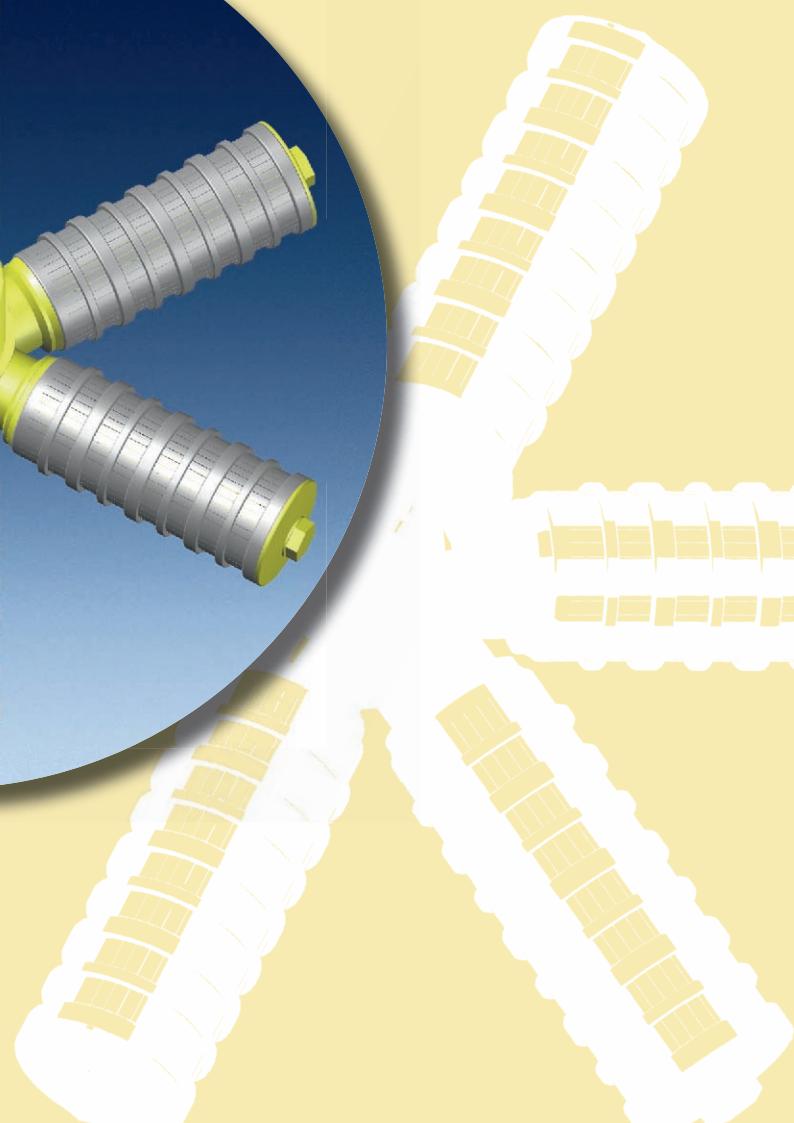
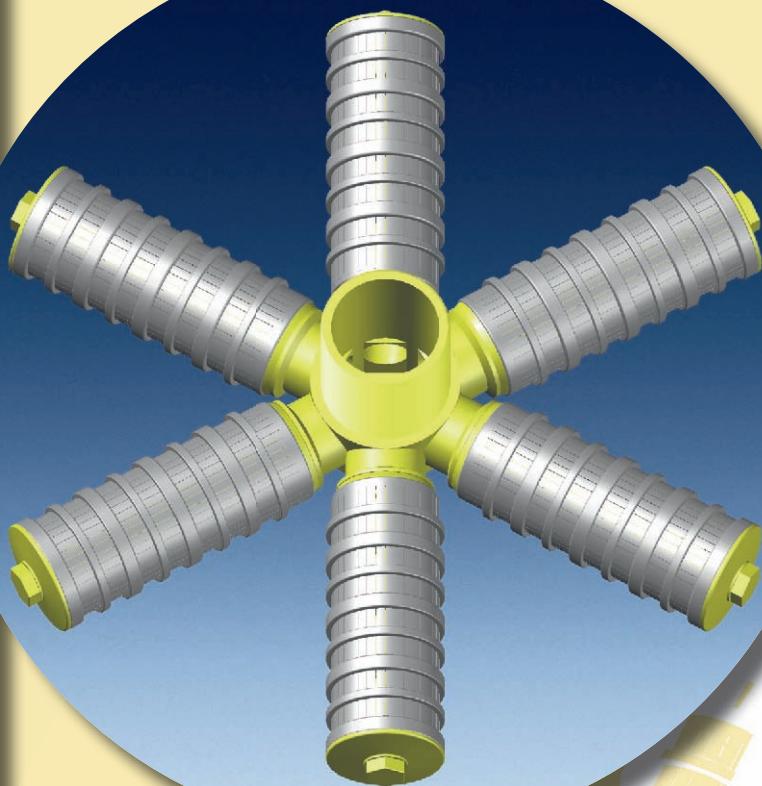
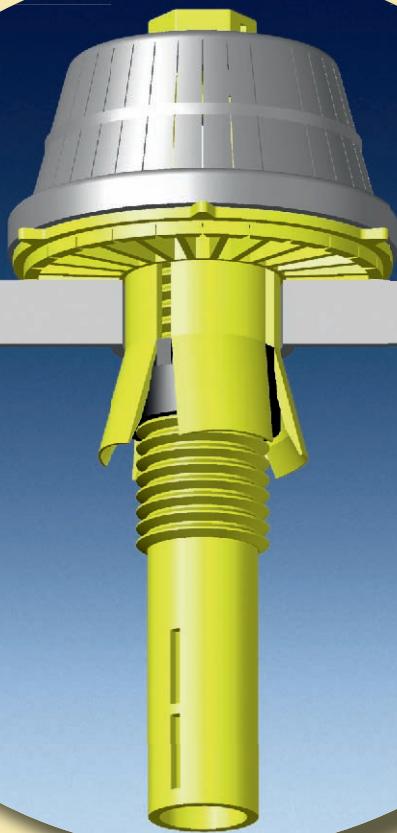


**KSH**



DIN EN ISO 9001-2008



V



## Filterdüsen

Für Wasser und Abwasser-Aufbereitung

## Filter-Nozzles

For water processing and water cleaning

## Crépines à filtre

Pour le traitement et la filtration de l'eau

## Toberas filtrantes

Para el tratamiento y la filtración del agua



## Filterdüsen-Sterne

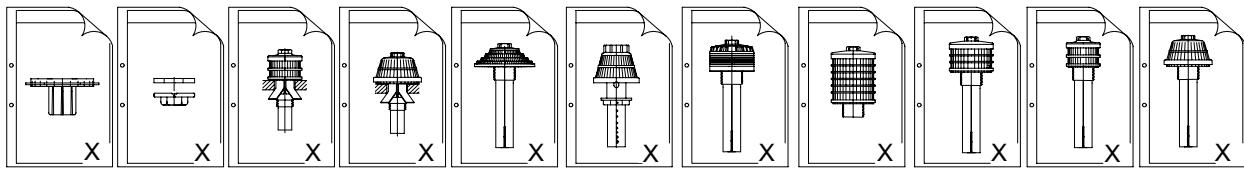
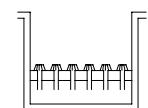
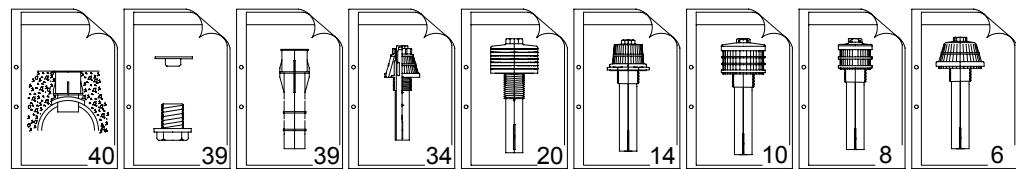
## Filter-Nozzles-Stars

## Crépines étoiles

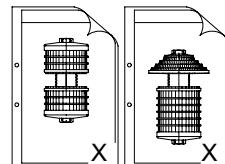
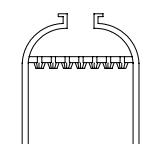
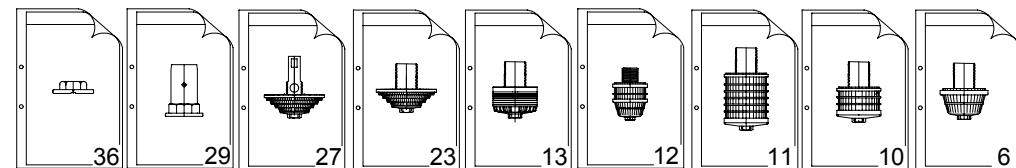
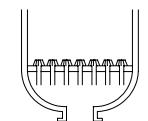
## Estrellas para toberas a filtro



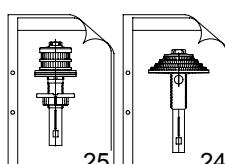
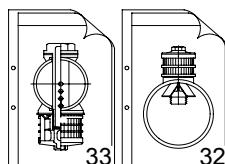
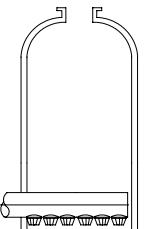
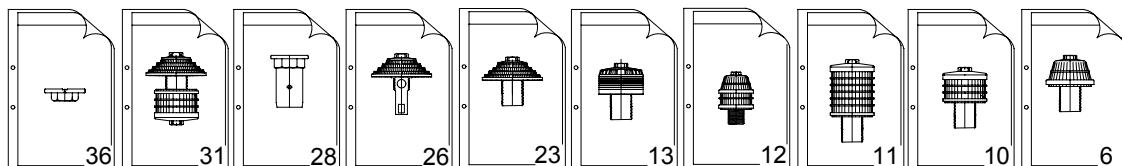
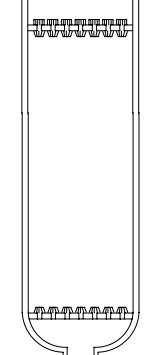
Material-beständigkeit	Constancy of the material	Résistance du matériel	Resistencia del Material
<p>Unsere Filterdüsen und Filterdüsensterne werden aus Polypropylen hergestellt. Polypropylen (PP) ist in Abhängigkeit vom Druck zum Beispiel beständig bei 60°C (333 K) gegen:</p> <p>Ammoniak w 10 % Formaldehyd w 10 % Isopropanol w jede Methanol w 50 % Natronlauge 50 % Salzsäure 50 % Schwefelsäure 50 % Sodawasser Ozon 20°C, 50 pphm (0,5mg/L)</p> <p>Polypropylen ist physiologisch unbedenklich.</p> <p>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.</p> <p>Für Heißwasser bis max. 110°C empfehlen wir in Abhängigkeit vom Druck Polypropylen mit chemisch gekoppelten 30% Glasfaser (PP GV 30 S). Mit dem Einsatz von PPGV30s ändern sich die angegebenen Maße. Bitte bei Bedarf nachfragen.</p> <p>Für Heißwasser bis max. 135°C empfehlen wir in Abhängigkeit vom Druck PVDF. (Bedingt beständig gegen konzentrierte Laugen).</p> <p>Farben für Schlüsse (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</p> <p>Anzugsmoment siehe Montageanleitungen</p> <p>1 mWS = ca. 0,1 bar</p> <p>Gewinde in Anlehnung an DIN ISO 228 für G, BSP ANSI B1.20.1-1983 für NPT, NPSM ANSI B1.1a-1984 für UN</p> <p>Maße in mm.</p> <p>Irrtümer / Druckfehler Technische Änderungen vorbehalten.</p> <p>Alle technischen Informationen verstehen sich ohne jede Gewähr. Es gelten die Angaben des jeweils angeforderten Datenblattes.</p>	<p>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:</p> <p>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 pphm (0,5mg/L)</p> <p>Polypropylene is physiologically unobjectionable.</p> <p>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.</p> <p>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.</p> <p>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).</p> <p>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</p> <p>Tightening torque see at Installation-instruction</p> <p>1 mWS = approx. 0,1 bar</p> <p>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</p> <p>Dimensions in mm.</p> <p>Error / Pressure Failure We reserve the right to alter specifications.</p> <p>No responsibility is taken for the correctness of the technical information. Only specifically provided data sheets are valid.</p>	<p>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:</p> <p>ammoniaque ag 10 % formaldéhyde ag 10 % isopropanol ag toute concentration méthanol ag 50 % solution de soude 50 % acide chlorhydrique 50 % acide sulfurique 50 % eau soda ozone 20°C, 50 pphm (0,5mg/L)</p> <p>Le polypropylène est physiologiquement neutre.</p> <p>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.</p> <p>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.</p> <p>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).</p> <p>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</p> <p>couple de serrage voir instructions de montage</p> <p>1 m de colonne d'eau = env. 0,1 bar</p> <p>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</p> <p>Dimension en mm.</p> <p>Sous réserve de fautes ou d'erreurs d'impression et de modifications techniques.</p> <p>Toutes les informations techniques sont sans garantie. Seules les fiches techniques spécifiquement fournies au client sont valables.</p>	<p>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:</p> <p>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 pphm (0,5mg/L)</p> <p>El polipropileno es inocuo.</p> <p>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.</p> <p>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 pueben variar. En caso necesario, les pedimos que contacten connosotros para especificaciones.</p> <p>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).</p> <p>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</p> <p>Par de apriete en el manual de instrucciones</p> <p>1 mWS = aprox. 0,1 bar</p> <p>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</p> <p>Dimensiones en mm.</p> <p>Error / Fallo de Presión Nos reservamos el derecho de alterar las especificaciones técnicas.</p> <p>Todos informaciones técnicos son sin garantía. Solamente nuestras hojas de datos específicos directamente transmitidos al cliente son válidos.</p>



X = 6-23 / 34-35



X = 30-31





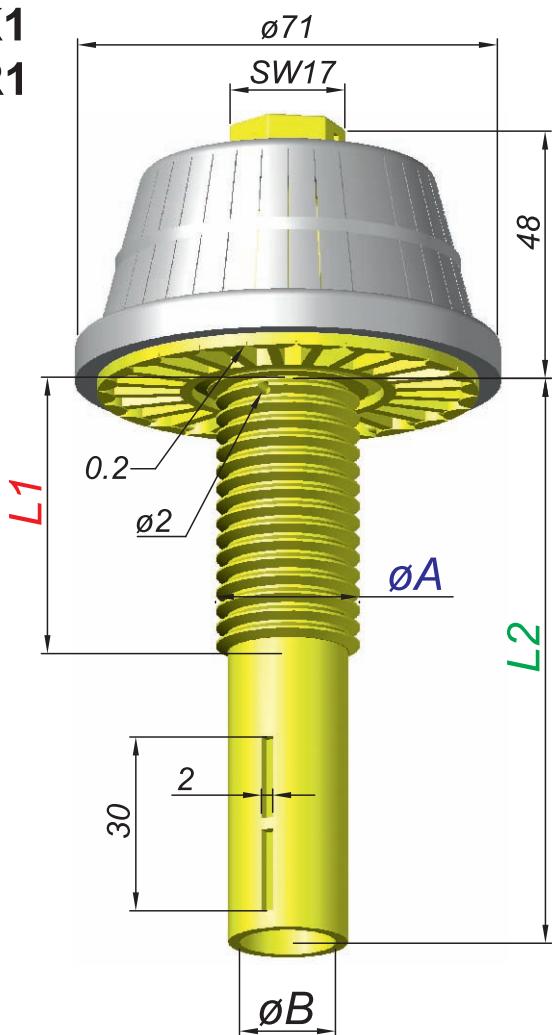
## Filterdüsen

## Filter-Nozzles

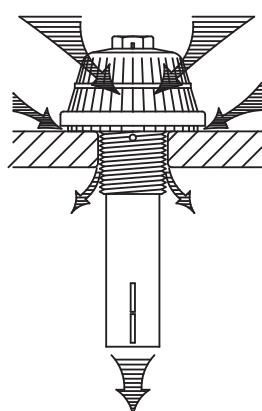
## Crépines à filtre

## Toberas filtrantes

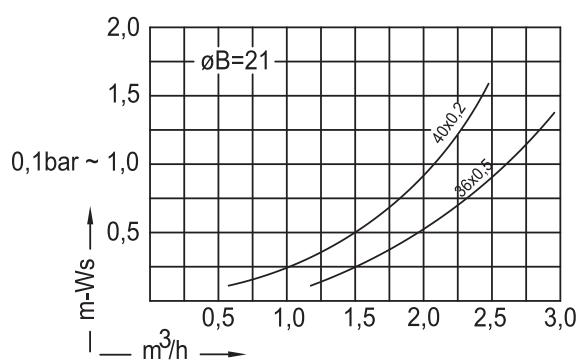
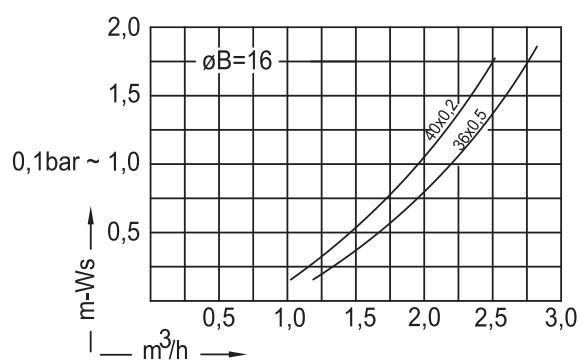
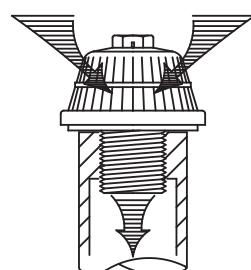
**Typ K1  
/ KR1**



**Typ K1**



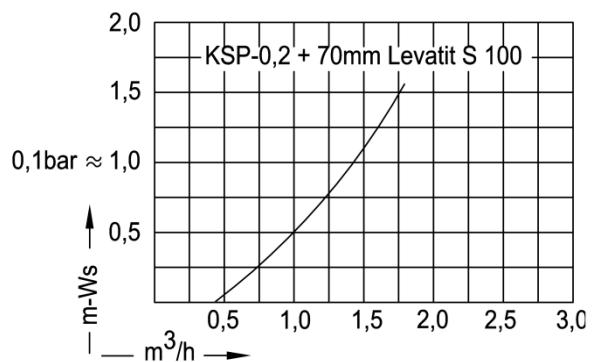
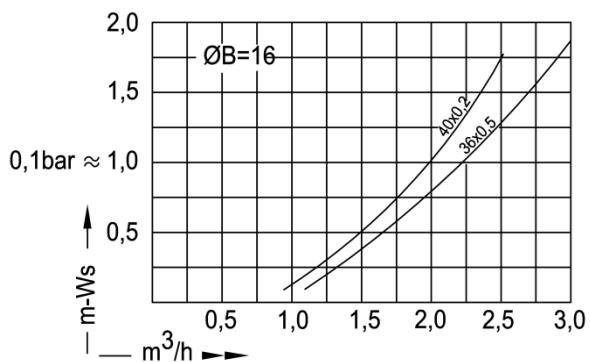
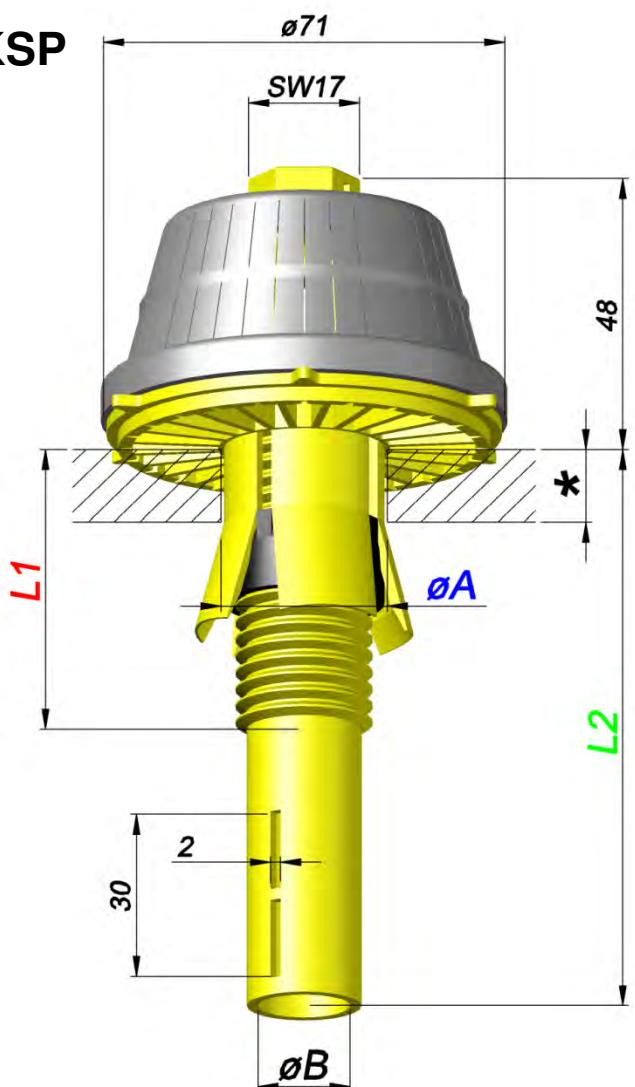
**Typ KR1**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse 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
<b>K1</b> <b>KR1</b>	40x0,2 = 1,95 cm <sup>2</sup> 36x0,35 = 2,96 cm <sup>2</sup> 20x0,5 = 2,35 cm <sup>2</sup> 36x0,5 = 4,23 cm <sup>2</sup> 20x0,8 = 3,78 cm <sup>2</sup> 36x1,0 = 8,46 cm <sup>2</sup> 24x1,5 = 7,05 cm <sup>2</sup> 20x2,0 = 9,50 cm <sup>2</sup>	G1"'	33,25	20		80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm <sup>2</sup>
		1¼"WW	32	20, 30, 45, +5+5...			
		M30 x 3,5	30	30			
		G3/4"	26,5	20, 30, 45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm <sup>2</sup>	
		1" WW	25,4	20, 45, +5+5...			
		M24	24	25, 45, +5+5...			
		M22 x 1,5	22	45, +5+5...			
		G1½"	21	15, 20, 40			
		M20	20	45, +5+5...			
		G3/8"	16,7	20			

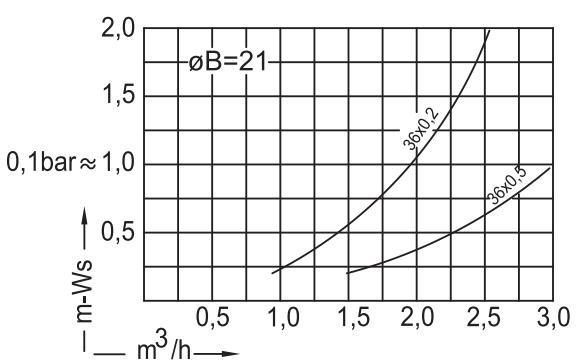
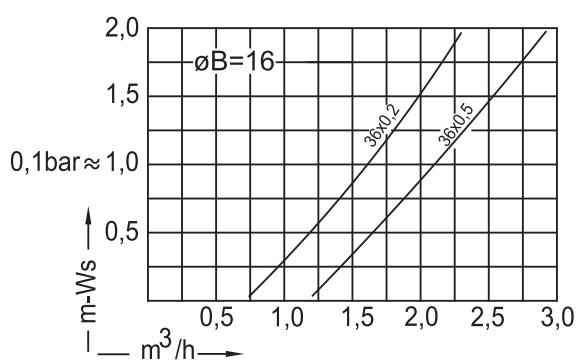
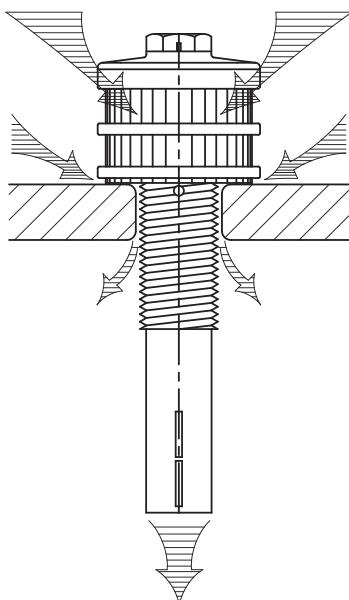
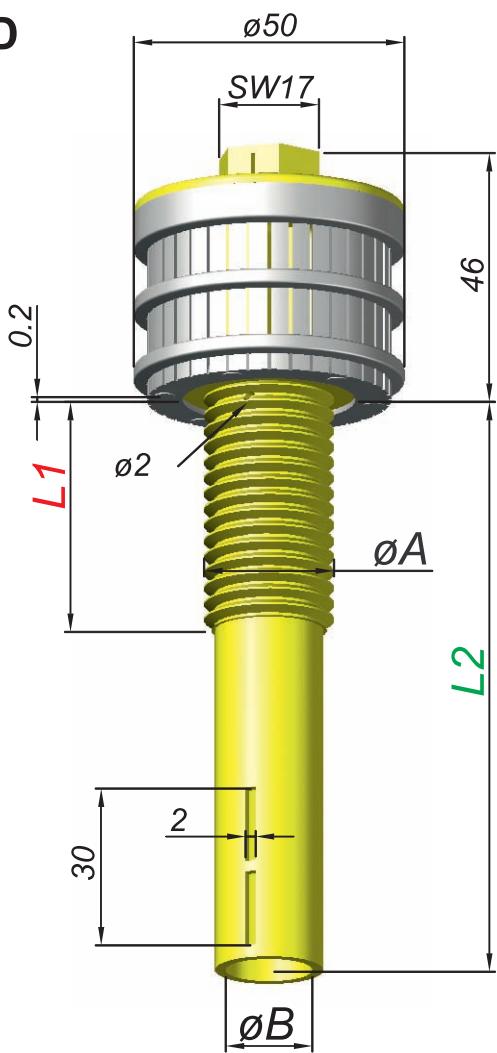
# Filterdüsen Filter-Nozzles Crépines à filtre Toberas filtrantes

**Typ KSP**



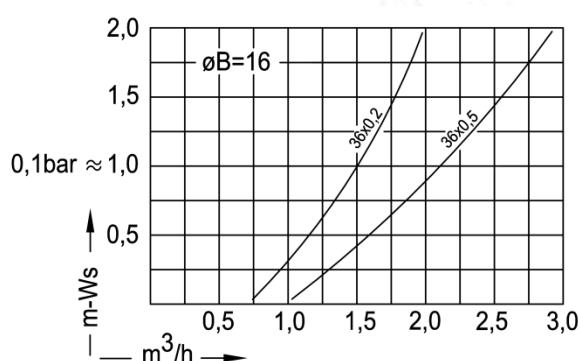
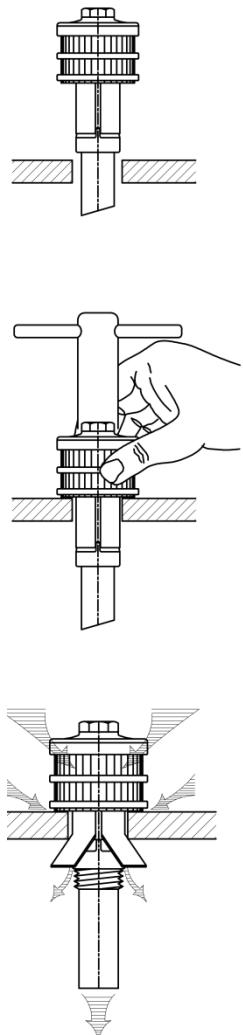
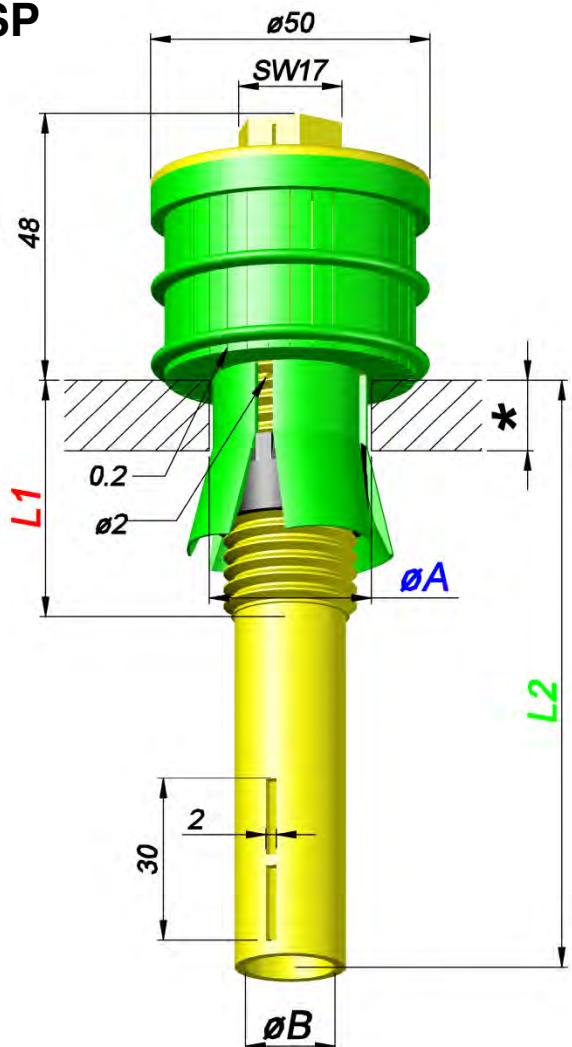
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlüsse Slots Fentes Ranuras	*	L1	Schaft Shaft Longueur de tige Tija	L2	ØA	ØB	
	<b>KSP</b>	40 x 0,2 = 1,95 cm <sup>2</sup>	8 - 28	50	80, 110, 140, 200, 250		<b>28-29,5; 29,5-31,5; 31,5-33;</b> <b>33-34,5; 34,5-36;</b>	16 = 2,0 cm <sup>2</sup>	
		36 x 0,35 = 2,96 cm <sup>2</sup>	25 - 45	73	110, 140, 200, 250				
		20 x 0,5 = 2,35 cm <sup>2</sup>							
		36 x 0,5 = 4,23 cm <sup>2</sup>	8 - 28	50	80, 110, 140, max. 200		<b>25-27,5 ; 26,5-28,5</b>	13 = 1,3 cm <sup>2</sup>	
		20 x 0,8 = 3,78 cm <sup>2</sup>	25 - 45	73	80, 110, 140, max. 200				
		36 x 1,0 = 8,46 cm <sup>2</sup>							
	24 x 1,5 = 7,05 cm <sup>2</sup>								
	20 x 2,0 = 9,50 cm <sup>2</sup>								

## Typ D



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	<b>ØA</b>	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	<b>L2</b>	<b>ØB</b>
	<b>D</b>	$24 \times 0,2 = 0,91 \text{ cm}^2$	1/4"WW	32	20, 30, 45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm <sup>2</sup>	
		$36 \times 0,2 = 1,37 \text{ cm}^2$	M30 x 3,5	30	30			
		$36 \times 0,3 = 2,05 \text{ cm}^2$	G 3/4"	26,5	20, 30, 45, +5+5...			
		$36 \times 0,4 = 2,74 \text{ cm}^2$	1"WW	25,4	20, 45, +5+5...			
		$36 \times 0,5 = 3,42 \text{ cm}^2$	M24	24	25, 45, +5+5...			
		$36 \times 0,8 = 5,46 \text{ cm}^2$	M22 x 1,5	22	45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm <sup>2</sup>	
		$24 \times 1,0 = 4,56 \text{ cm}^2$	G 1/2"	21	20			
		$24 \times 1,5 = 6,84 \text{ cm}^2$	M20	20	45, +5+5...			
		$20 \times 2,0 = 7,00 \text{ cm}^2$	G 3/8"	16,7	20			
		$8 \times 5,0 = 7,00 \text{ cm}^2$						

**Typ DSP**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	*	L1	Schaft Shaft Longueur de tige Tija	L2	ØA	ØB
	DSP	36 x 0,2 = 1,37 cm²	8 - 28	50	80, 110, 140, 200, 250		28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36;	16 = 2,0 cm²
		36 x 0,3 = 2,05 cm²	25 - 45	73	110, 140, 200, 250			
		36 x 0,5 = 3,42 cm²						
		36 x 1,0 = 6,84 cm²						
		36 x 0,2 = 1,37 cm²	25- 45	73	100, 110, 140, max. 200		25-27,5	13 = 1,3 cm²
		36 x 0,5 = 3,42 cm²					26 - 28	

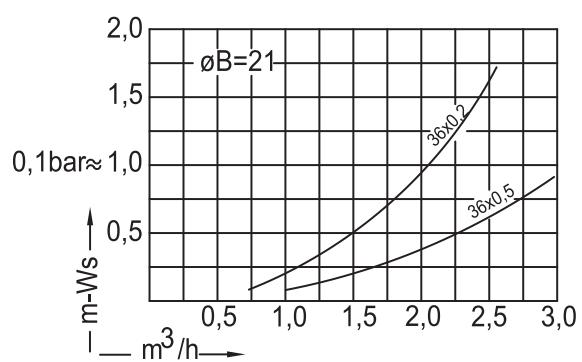
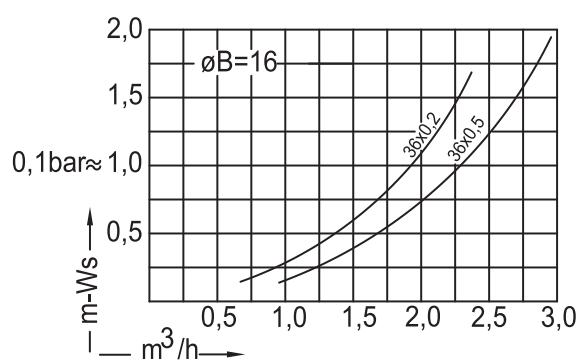
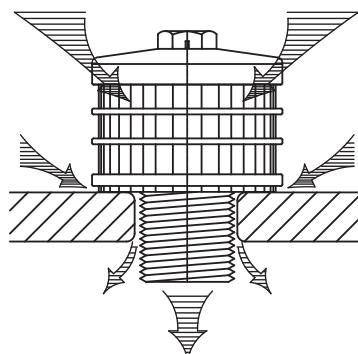
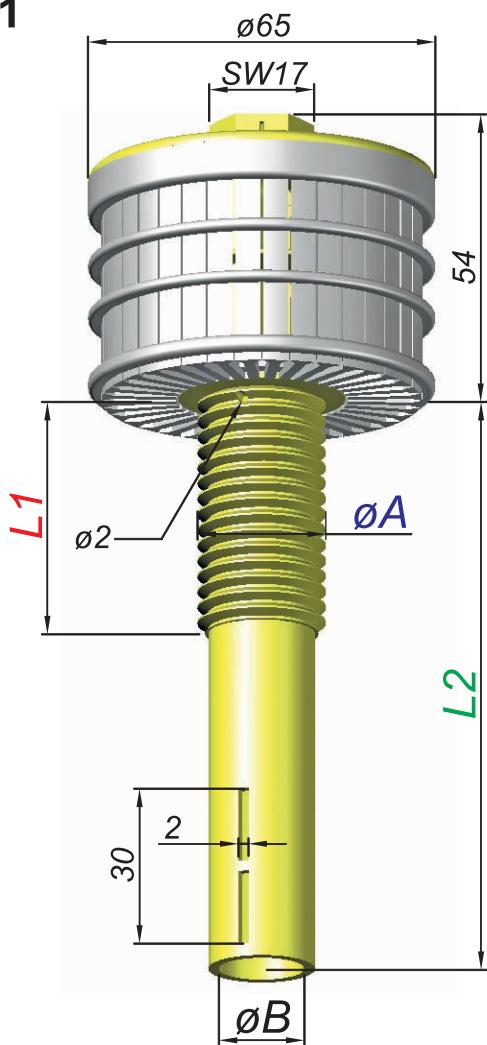
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

**Typ C1**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\phi A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	$\phi B$
		36 x 0,2 = 1,95 cm <sup>2</sup> 36 x 0,3 = 2,90 cm <sup>2</sup> 36 x 0,5 = 4,90 cm <sup>2</sup> 36 x 0,7 = 6,80 cm <sup>2</sup> 36 x 1,0 = 9,80 cm <sup>2</sup>	1 1/4"WW M30 G 3/4" 1"WW M24	32 30 x 3,5 26,5 25,4 24	25, 30, 45 30 20, 45, +5+5... 20, 45, +5+5... 20, 45, +5+5...	80, 110, 140, 200, 250, 300, 350, ... 80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm <sup>2</sup> 16 = 2,0 cm <sup>2</sup>
	C1						

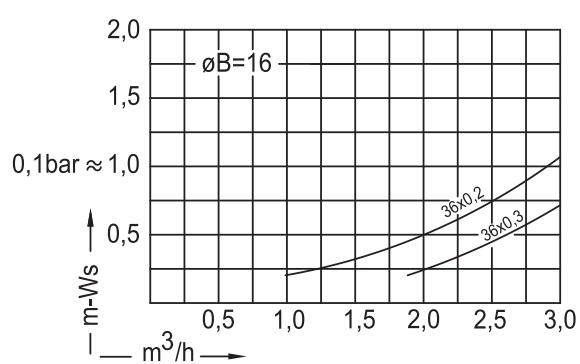
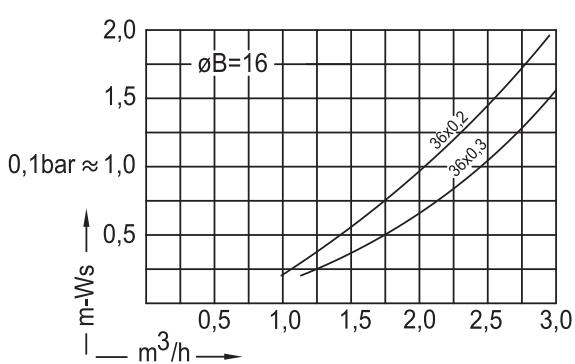
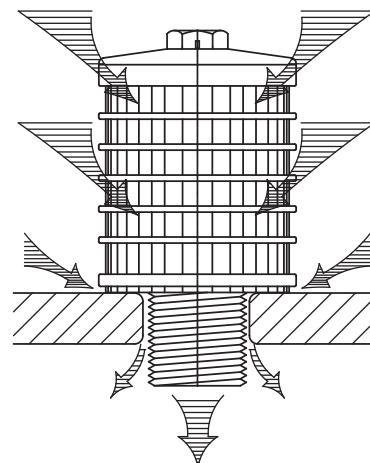
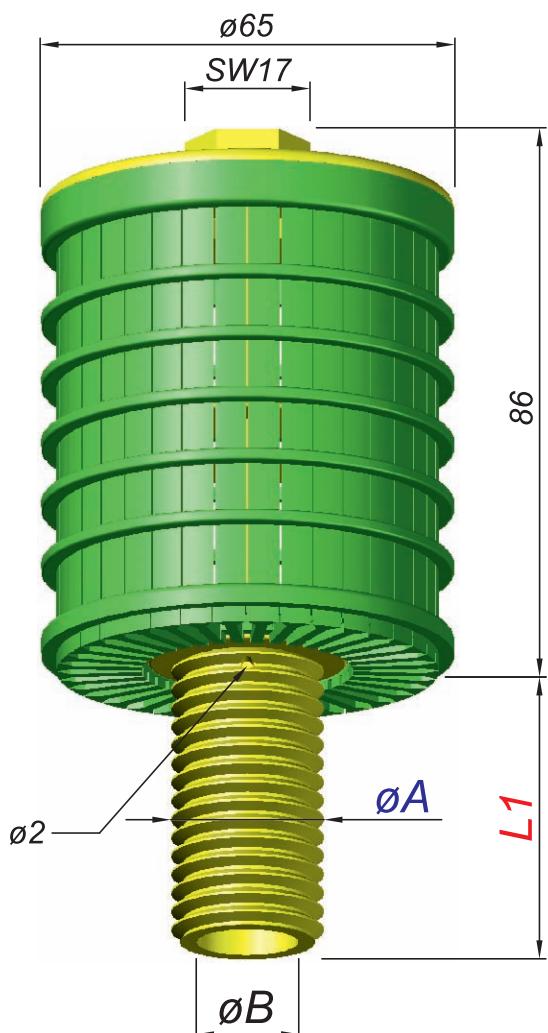
Filterdüsen

Filter-Nozzles

Crépines à filtre

Toberas filtrantes

Typ C2



Bestellung Ordering Commande Encargo	Typ Type Type Tipo	Schlitz Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\phi A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	$L1$	$\phi B$
	C2	36 x 0,2 = 3,70 cm <sup>2</sup> 36 x 0,3 = 5,50 cm <sup>2</sup> 36 x 0,5 = 9,61 cm <sup>2</sup>	1 1/4"WW M30 x 3,5 G 3/4" 1"WW M24	32 30 26,5 25,4 24	25, 30, 45 30 20, 45, +5+5... 45 20, 45, +5+5...		21 = 3,4 cm <sup>2</sup>
							16 = 2,0 cm <sup>2</sup>

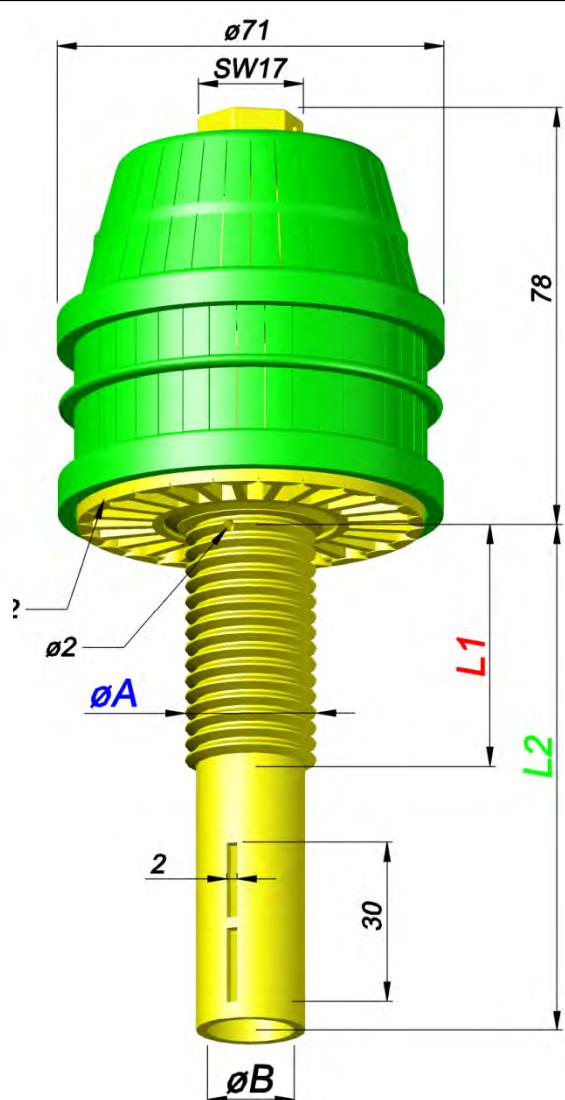
## Filterdüsen

## Filter-Nozzles

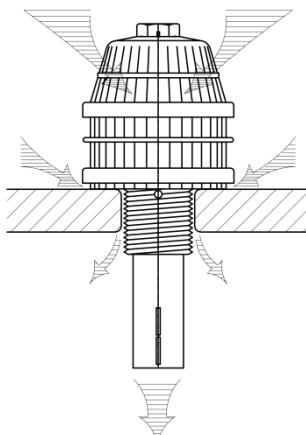
## Crépines à filtre

## Toberas filtrantes

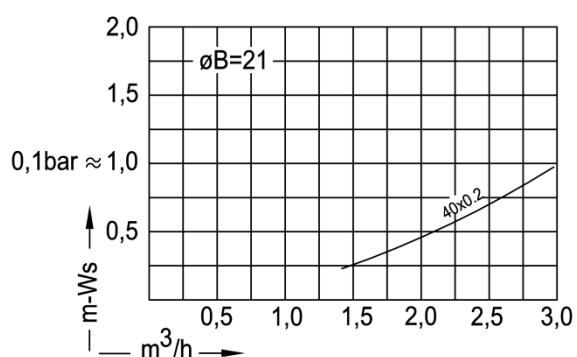
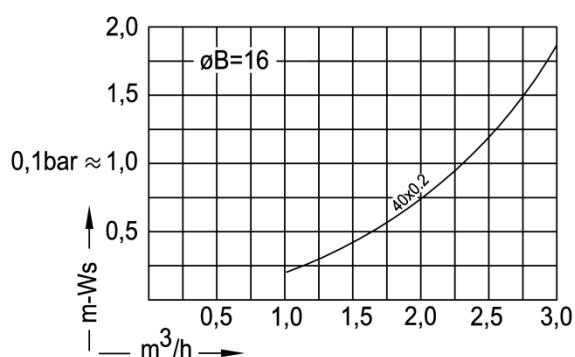
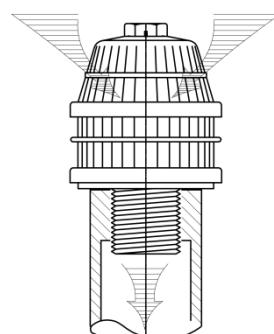
**Typ K2**



**Typ K2**



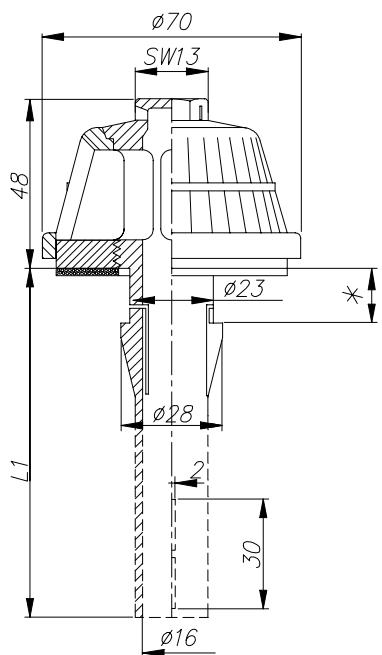
**Typ KR2**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte 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	$\varnothing B$
	<b>K2</b>	$40 \times 0,2 = 3,63 \text{ cm}^2$ $40 \times 0,35 = 6,35 \text{ cm}^2$	1 1/4"WW	32	25, 45	80, 110, 140, ...	21 = 3,4 cm <sup>2</sup>
			M30 x 3,5	30	30		
			G 3/4"	26,5	25, 45	80, 110, 140, ...	
			M24	24	25, 45	16 = 2,0 cm <sup>2</sup>	
10							

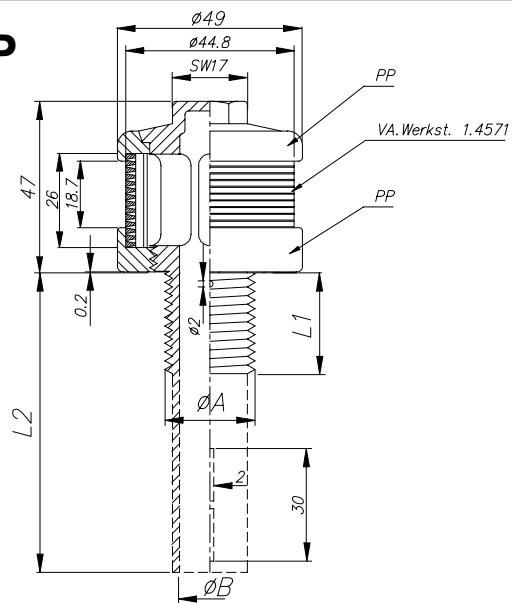
# Sonderdüsen Special Types Tout autre type Tipos especiales

## Typ KE

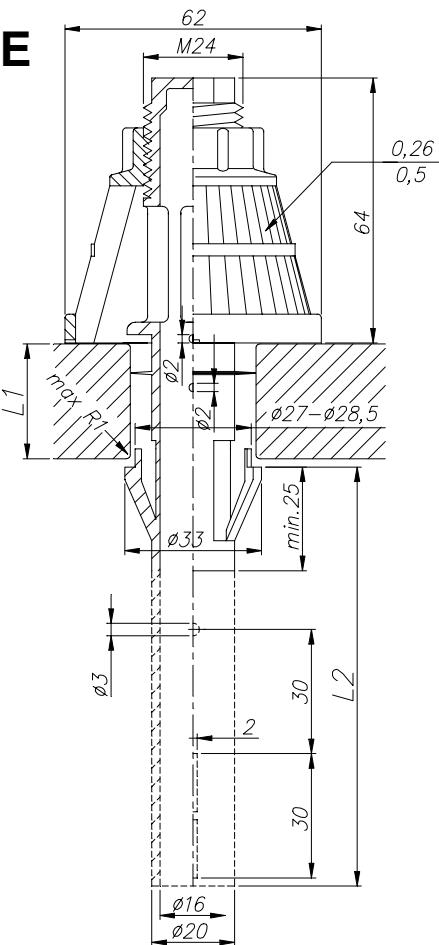


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	Schaft Shaft Longueur de tige Tija
	KE	40 x 0,2 36 x 0,35 36 x 0,5 20 x 0,8 36 x 1,0 20 x 1,5 20 x 2,0	> 10 mm	80, 110, 140, 200

## Typ VP



## Typ S3E



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread lenght Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	L2	ØB
	VP	0,2 = 2,5 cm <sup>2</sup> 0,3 = 3,8 cm <sup>2</sup>	1 1/4"WW M24	32 24	25, 45, +5 +5 ... 25, 45, +5 +5 ...	L1, 80, 110, ... 417 L1, 80, 110, ... 417	21 = 3,4 cm <sup>2</sup> 16 = 2,0 cm <sup>2</sup>	

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Bodenstärke Plate thickness Epaisseur du plancher Espesor placa	L1	Schaft Shaft Longueur de tige Tija	L2	ØB
	S3E	40 x 0,26 = 3,04 cm <sup>2</sup> 40 x 0,5 = 5,84 cm <sup>2</sup>	10 - 14 14 - 18 18 - 22 22 - 26 26 - 30 30 - 34 34 - 38 38 - 42		100 ...		16 = 2,0 cm <sup>2</sup>

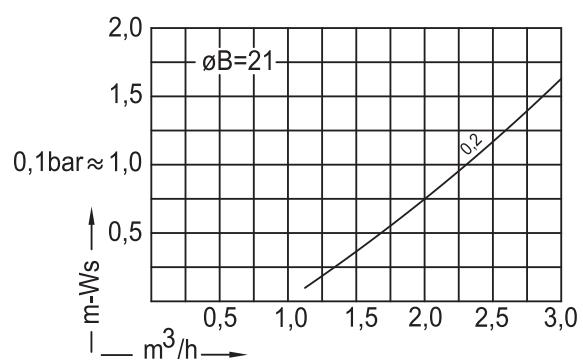
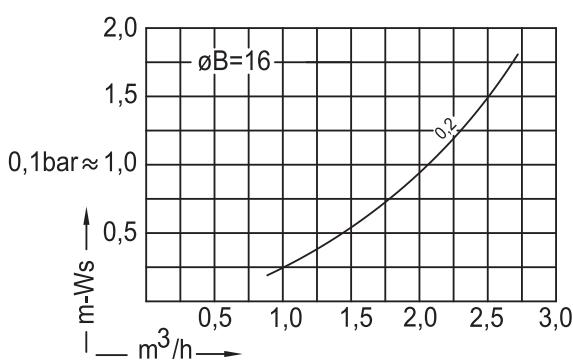
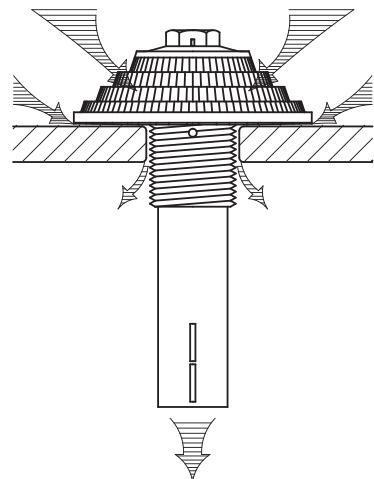
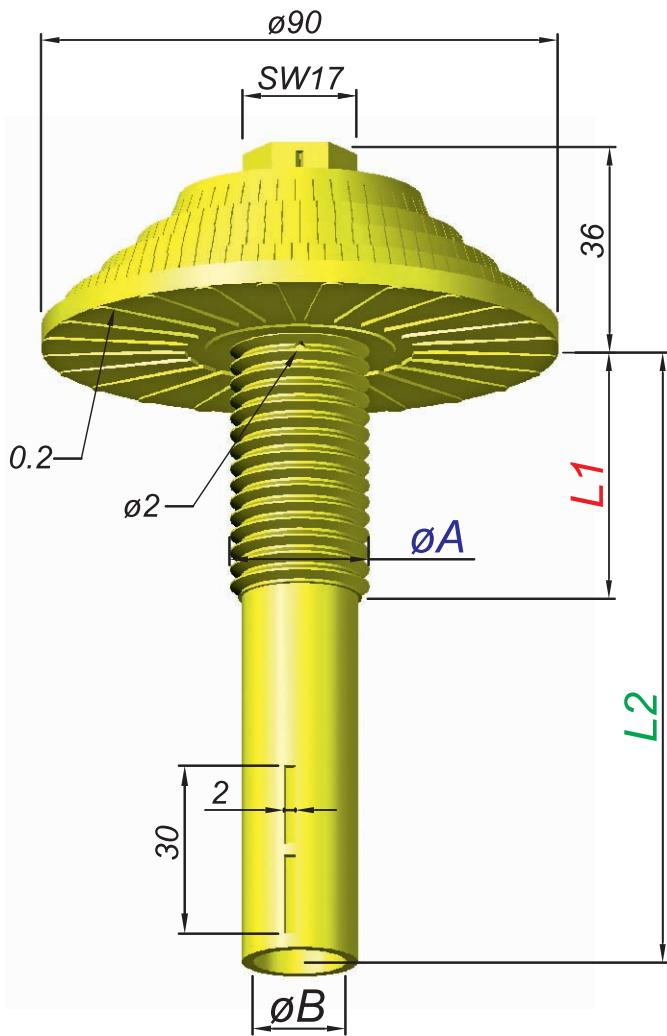
## Filterdüsen

## Filter-Nozzles

## Crépines à filtre

## Toberas filtrantes

**Typ P**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\phi A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	$\phi B$
	<b>P</b>	0,2 = 3,0 cm <sup>2</sup>	1 1/4"WW	32	25, 45, +5 +5 ...	80, 110, 140	21 = 3,4 cm <sup>2</sup>
			G 3/4"	26,5	20, 45, +5 +5 ...		
			1"WW	25,4	20, 45	80, 110, 140	16 = 2,0 cm <sup>2</sup>
			M24	24	20, 45, +5 +5 ...		

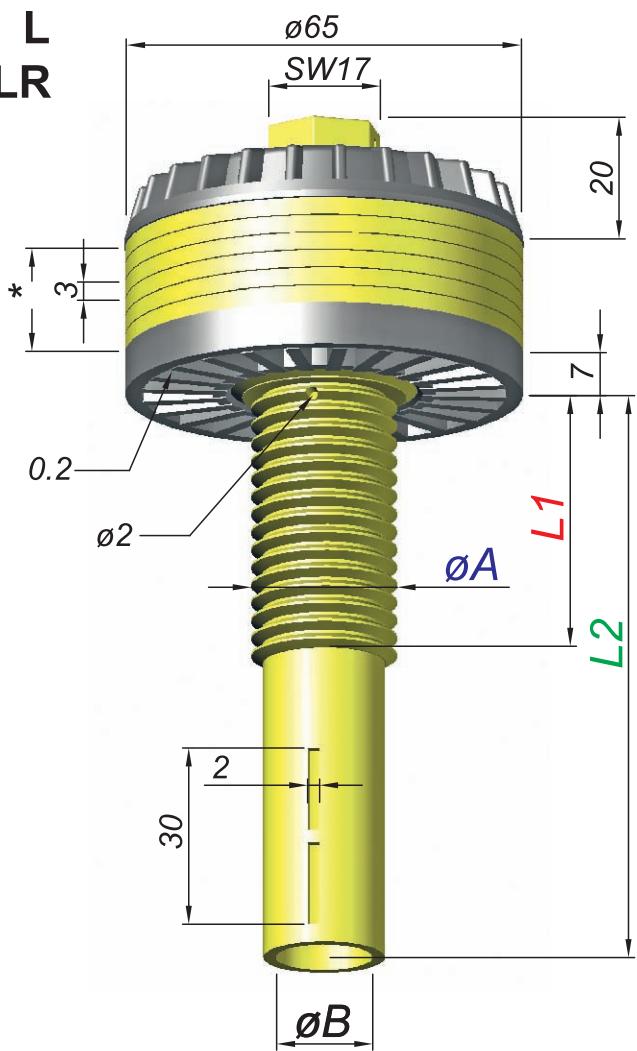
## Filterdüsen

## Filter-Nozzles

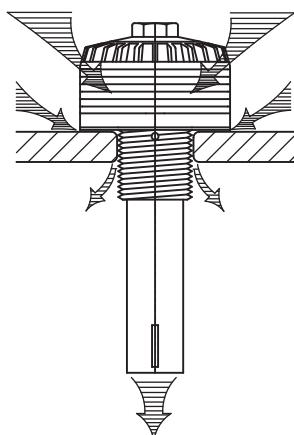
## Crépines à filtre

## Toberas filtrantes

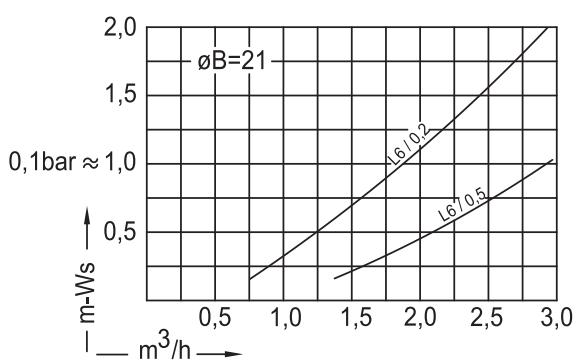
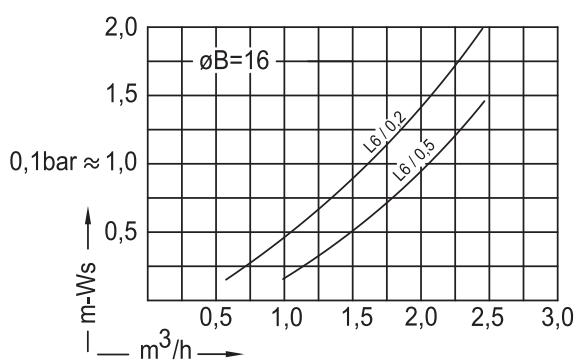
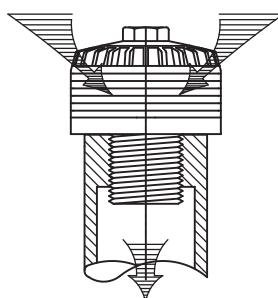
**Typ L  
/ LR**



**Typ L6**



**Typ LR6**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	*	Schlitte Slots Fentes Ranuras	pro Ring per Ring	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	ØB
	<b>L</b> <b>LR</b>	2	0,1	= 0,2 cm <sup>2</sup>	1 1/4"WW	32	20, 30, 45, +5+5...	80, 110, 140, ...	21 = 3,4 cm <sup>2</sup>
		5	0,15	= 0,3 cm <sup>2</sup>	M30	30	30		
		6	0,2	= 0,4 cm <sup>2</sup>	G 3/4"	26,5	20, 30, 45, +5+5...		
		10	0,3	= 0,6 cm <sup>2</sup>	1 "WW	25,4	20, 45, +5+5...		
		12	0,5	= 1,0 cm <sup>2</sup>	M24	24	25, 45, +5+5...		16 = 2,0 cm <sup>2</sup>
					M22x1,5	22	45, +5+5...		
					M20	20	45, +5+5...	80, 110, 140, ...	
									13 = 1,3 cm <sup>2</sup>

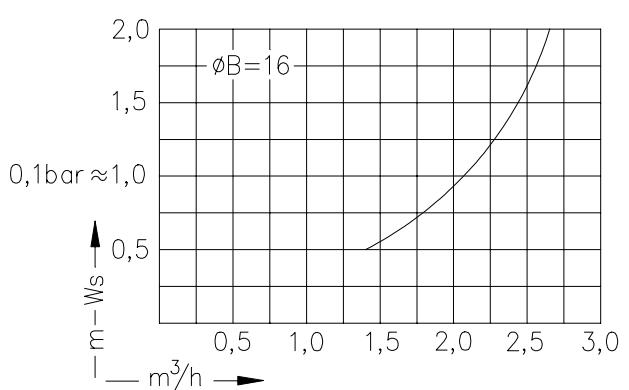
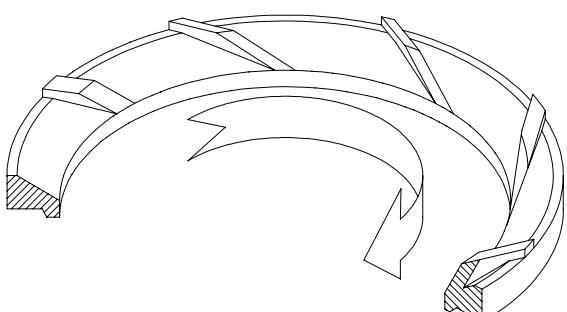
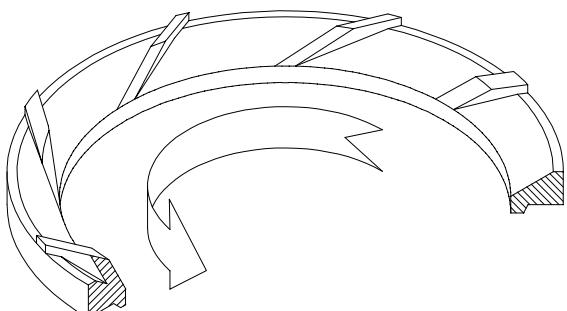
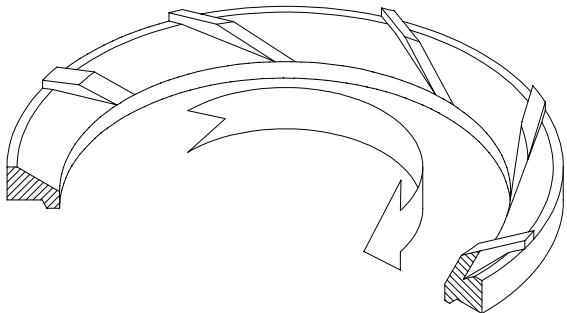
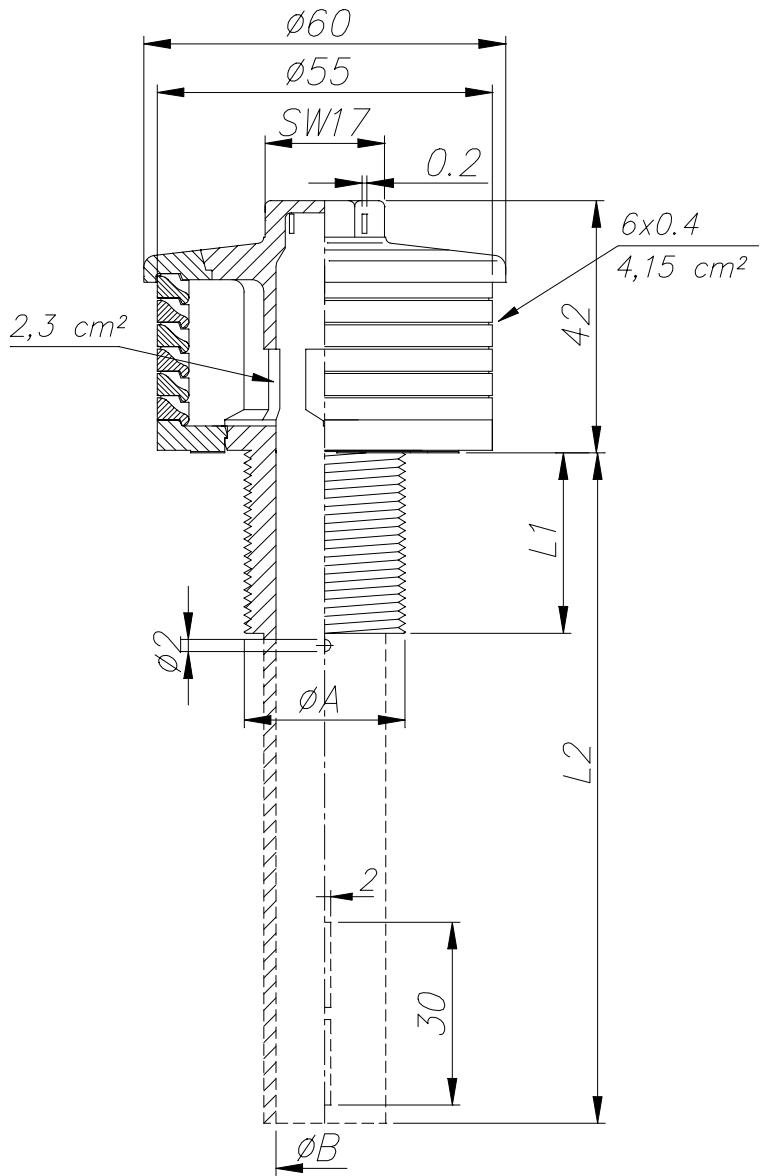
## Filterdüsen mit beweglichen Lamellen

## Filter-Nozzles Rotating Filter-Disc

## Crepine a Filtre a Lamelles Rotatives

## Toberas filtrantes de lamelas Rotativas

### Typ LB



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	*	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura da rosca	L1	Schaft Shaft Longueur de tige Tija	L2	ØB
<b>LB</b>	<b>LB</b>	$6 \times 0,4 = 4,15 \text{ cm}^2$ $4 \times 2,5 = 14,60 \text{ cm}^2$	1 1/4"WW	32	20, 30, 45, +5 +5 ...	L1, 80, 110, 140, 200, ... 417 ...	16 = 2,0 cm²			
			1"WW	25,4	20, 45, +5 +5 ...	L1, 80, 110, 140, 200, ... 417 ...	16 = 2,0 cm²			
			G 3/4"	26,5	20, 30, 45, +5 +5 ...	L1, 80, 110, 140, 200, ... 417 ...	16 = 2,0 cm²			
			M24	24	25, 45, +5 +5 ...	L1, 80, 110, 140, 200, ... 417 ...	16 = 2,0 cm²			
			M22x1,5	22	45, +5 +5 ...	L1, 80, 110, 140, 200, ... 417 ...	16 = 2,0 cm²			

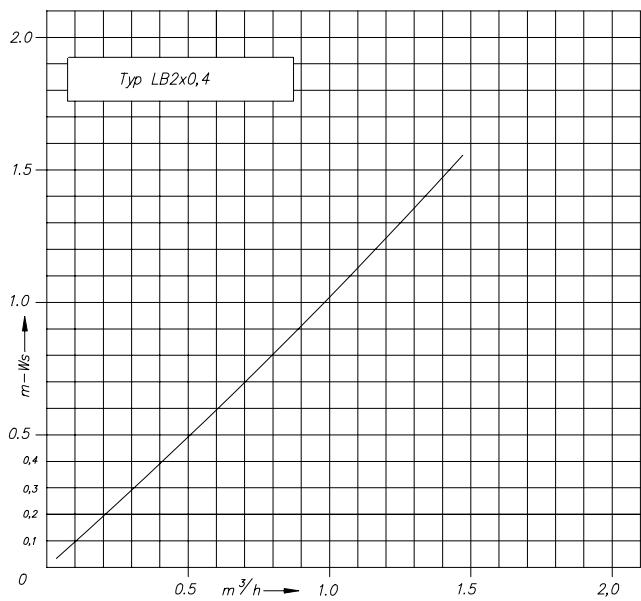
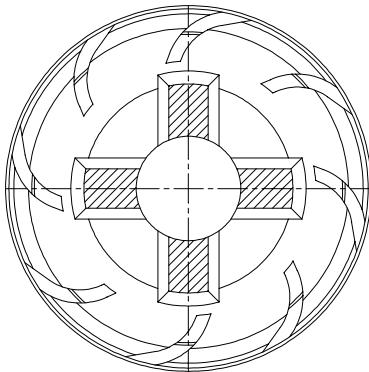
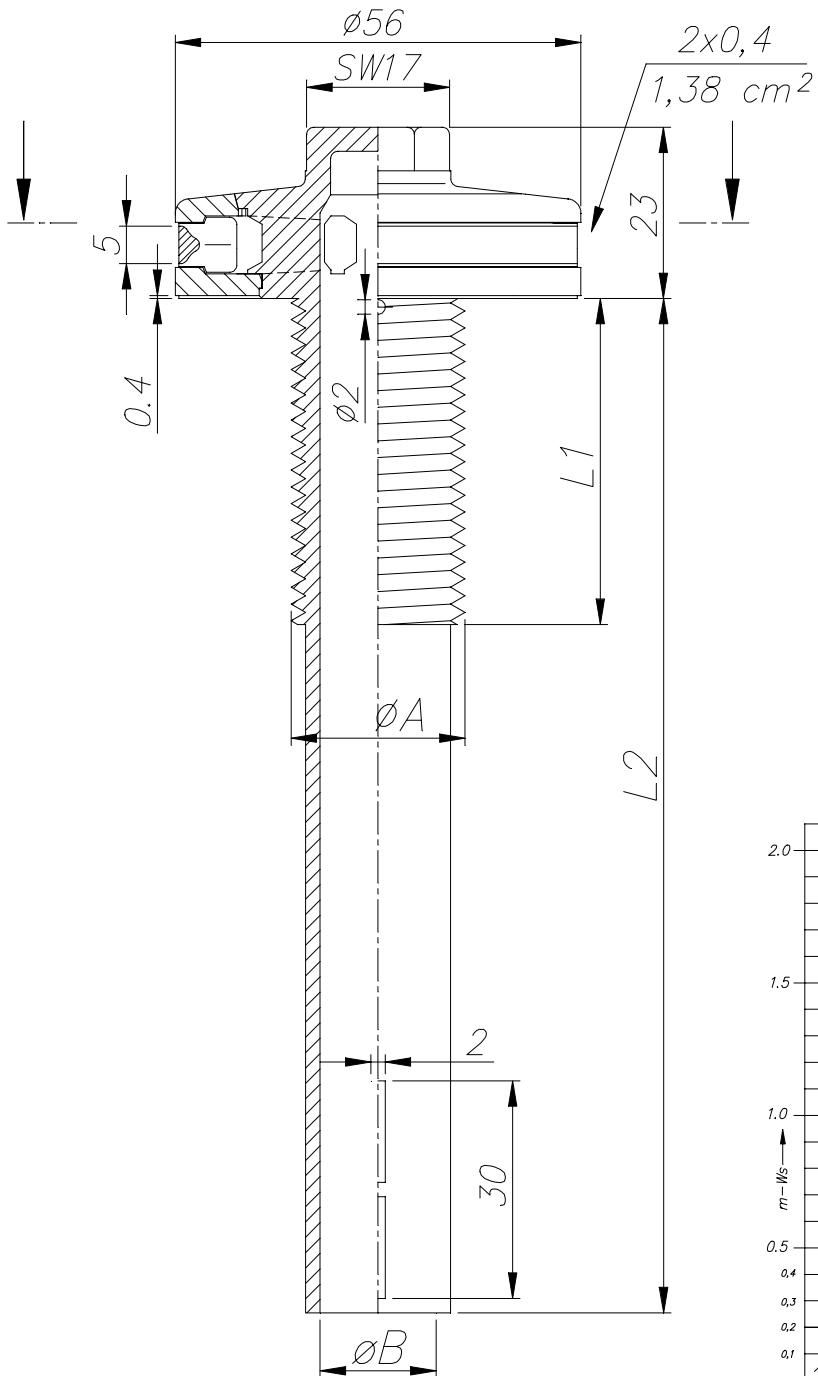
## Filterdüsen mit beweglichen Lamellen

## Filter-Nozzles Rotating Filter-Disc

## Crepine a Filtre a Lamelles Rotatives

## Toberas filtrantes de lamelas Rotativas

### Typ LB2



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura da rosca	L1	Schaft Shaft Longueur de tige Tija	L2	ØB
<b>LB2</b>	<b>LB2</b>	$2 \times 0,4 = 1,38 \text{ cm}^2$	1 1/4"WW	32	20, 30, 45, +5 +5 ...	L1, 80, 110, 140, 200	16 = 2,0 cm²		
			1"WW	25,4	20, 45, +5 +5 ...	L1, 80, 110, 140, 200	16 = 2,0 cm²		
			G 3/4"	26,5	20, 30, 45, +5 +5 ...	L1, 80, 110, 140, 200	16 = 2,0 cm²		
			M24	24	25, 45, +5 +5 ...	L1, 80, 110, 140, 200	16 = 2,0 cm²		
			M22x1,5	22	45, +5 +5 ...	L1, 80, 110, 140, 200	16 = 2,0 cm²		

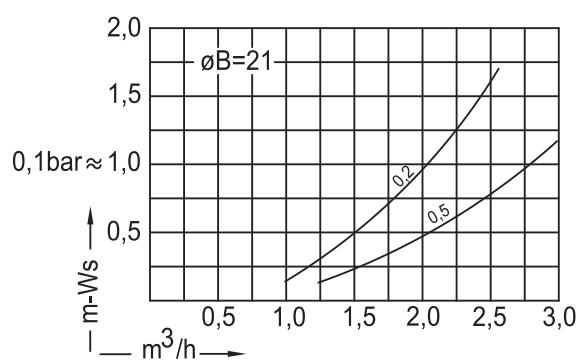
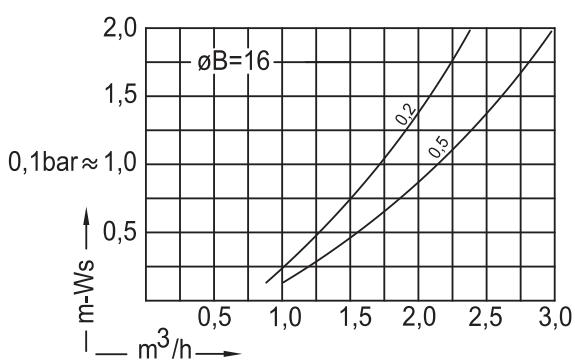
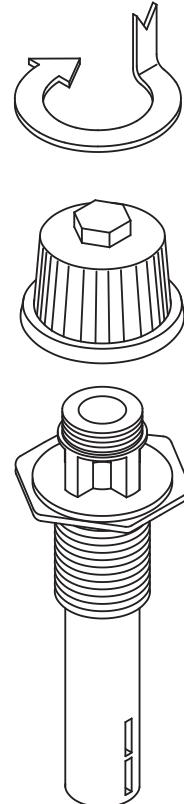
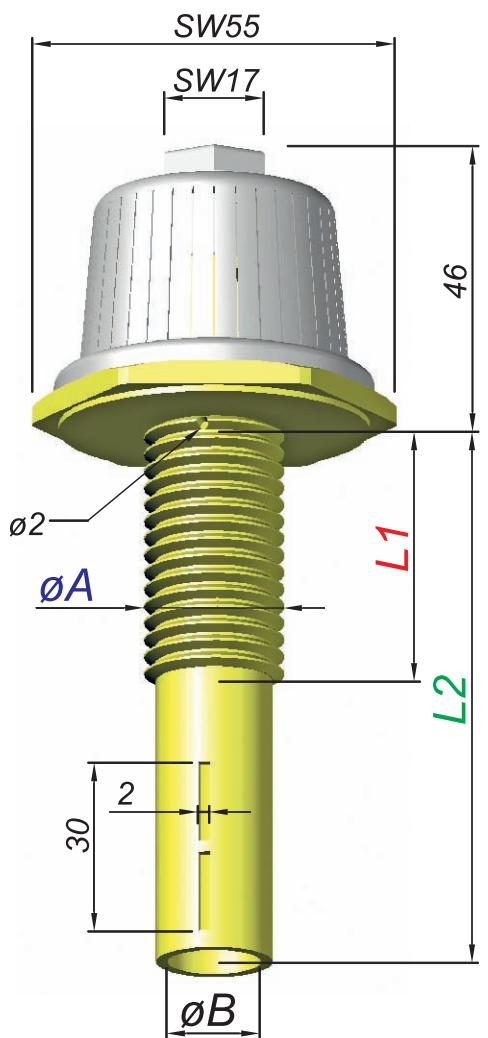
## Filterdüsen

## Filter-Nozzles

## Crépines à filtre

## Toberas filtrantes

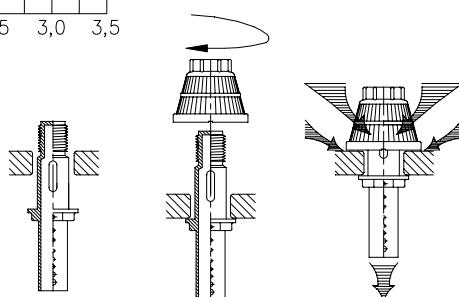
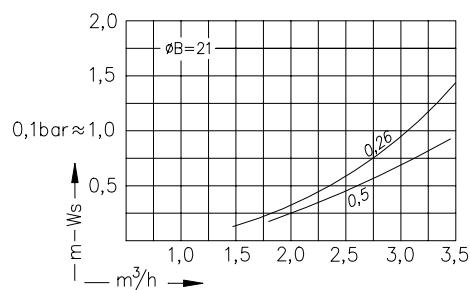
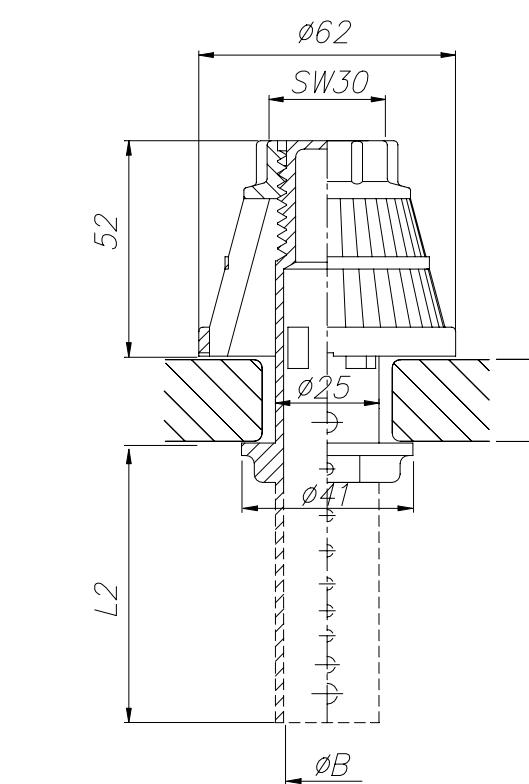
### Typ S1



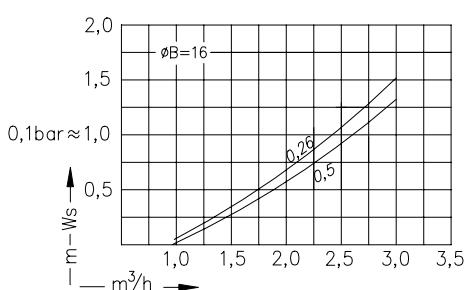
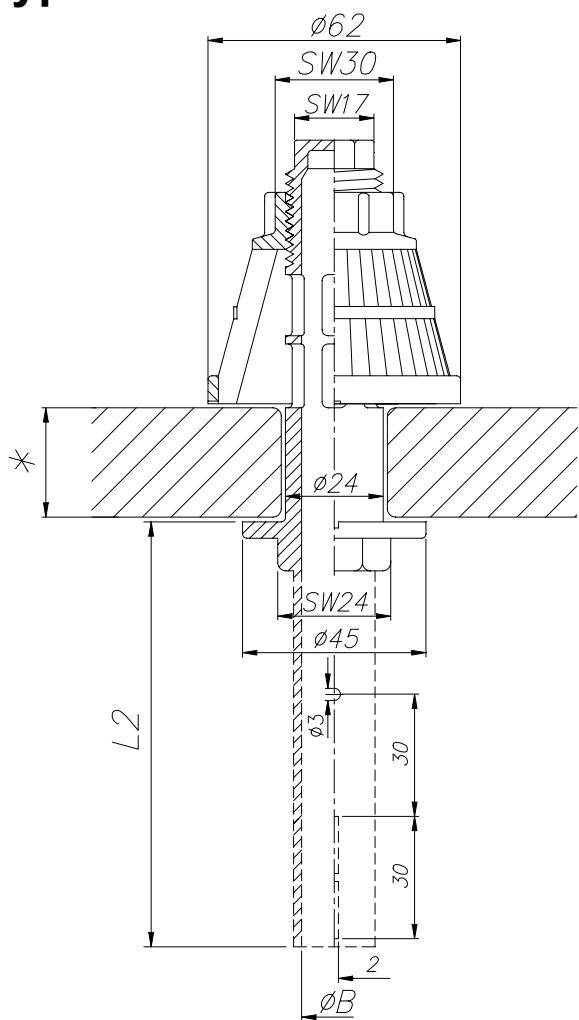
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	Schaft Shaft Longueur de tige Tija	$\varnothing B$
	<b>S1</b>	$36 \times 0,2 = 1,72 \text{ cm}^2$ $36 \times 0,35 = 2,65 \text{ cm}^2$ $30 \times 0,5 = 3,78 \text{ cm}^2$ $18 \times 1,0 = 4,64 \text{ cm}^2$ $18 \times 2,0 = 9,29 \text{ cm}^2$	G 1" 1 1/4"WW M30 G 3/4" 1"WW M24	33,25 32 30 26,5 25,4 24	20 25, 30, 45 30 20, 45, 50, +5 +5... 45 20, 45, 50, +5 +5...		21 = 3,4 cm <sup>2</sup>
						80, 110, 140, 200, 250, 300, 350, ...	
						80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm <sup>2</sup>

# Filterdüsen Filter-Nozzle Crepines a filtre Toberas filtrantes

## Typ S2



## Typ S3



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	*	Schaft Shaft Longueur de tige Tija	$L_2$	$\varnothing B$
✉	<b>S2</b>	$40 \times 0,26 = 3,04 \text{ cm}^2$	6 - 22	67,5		$21 = 3,4 \text{ cm}^2$
		$40 \times 0,5 = 5,84 \text{ cm}^2$	18 - 34	67,5		$21 = 3,4 \text{ cm}^2$
		$40 \times 0,7 = 8,18 \text{ cm}^2$	1 - 18	0		$21 = 3,4 \text{ cm}^2$
			18 - 34	0		$21 = 3,4 \text{ cm}^2$
✉	<b>S3</b>	$40 \times 0,26 = 3,04 \text{ cm}^2$	6 - 8	80, 102, 140 ...		$16 = 2,0 \text{ cm}^2$
		$40 \times 0,5 = 5,84 \text{ cm}^2$	8 - 12			$16 = 2,0 \text{ cm}^2$
		$40 \times 0,7 = 8,18 \text{ cm}^2$	12 - 20			$16 = 2,0 \text{ cm}^2$
			20 - 30			$16 = 2,0 \text{ cm}^2$
			30 - 40			$16 = 2,0 \text{ cm}^2$

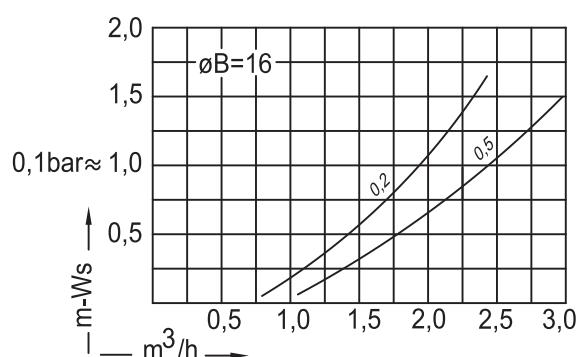
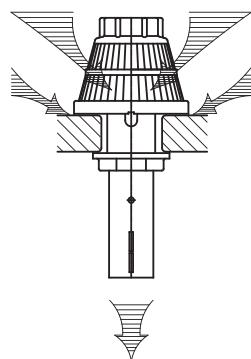
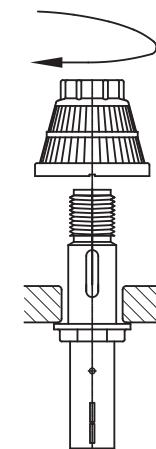
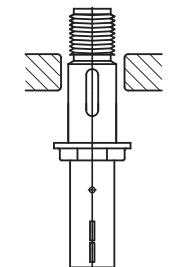
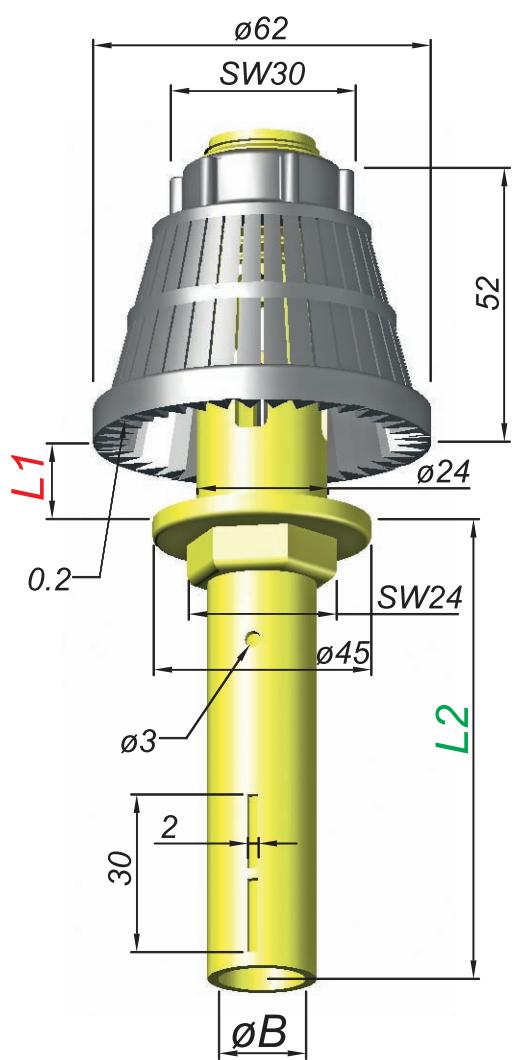
## Filterdüsen

## Filter-Nozzles

## Crépines à filtre

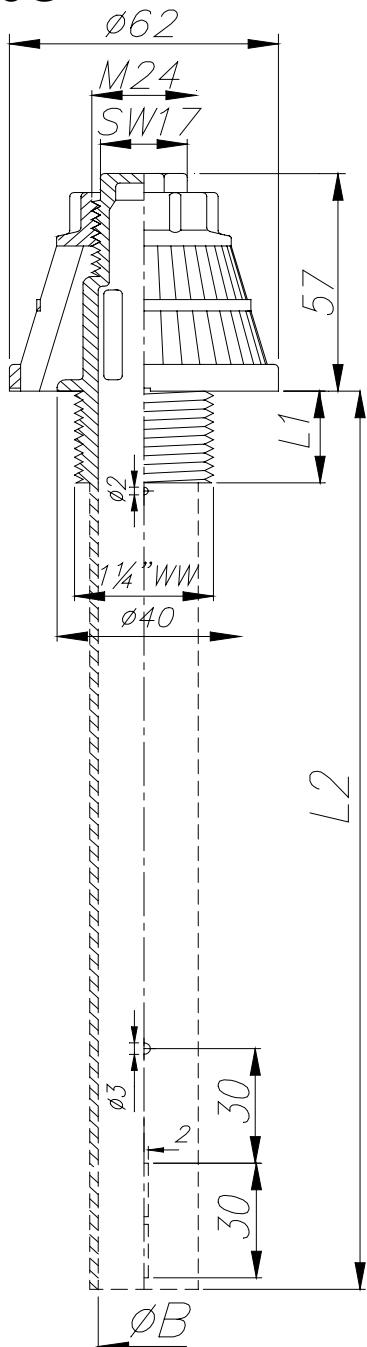
## Toberas filtrantes

**Typ S3**

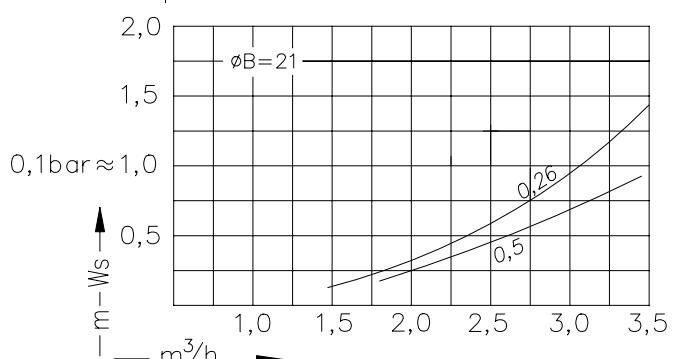
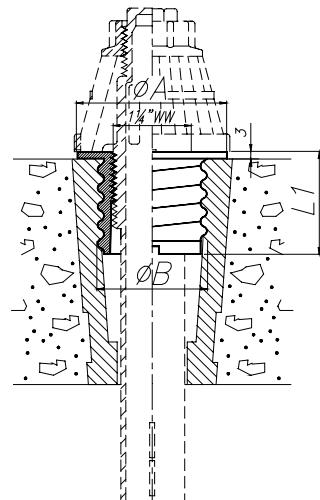


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	<b>L1</b>	Schaft Shaft Longueur de tige Tija	<b>L2</b>	<b><math>\varnothing B</math></b>
	<b>S3</b>	$40 \times 0,2 = 3,04 \text{ cm}^2$ $40 \times 0,5 = 5,84 \text{ cm}^2$ $40 \times 0,7 = 8,18 \text{ cm}^2$	6 - 12 12 - 20 20 - 30 30 - 40		80, 110, 140, ...		$16 = 2,0 \text{ cm}^2$

**Typ S3G**

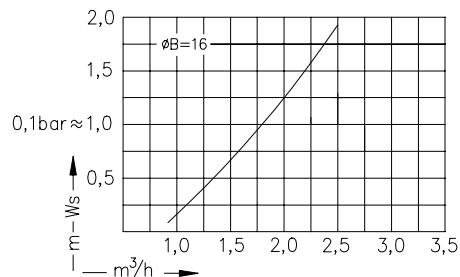
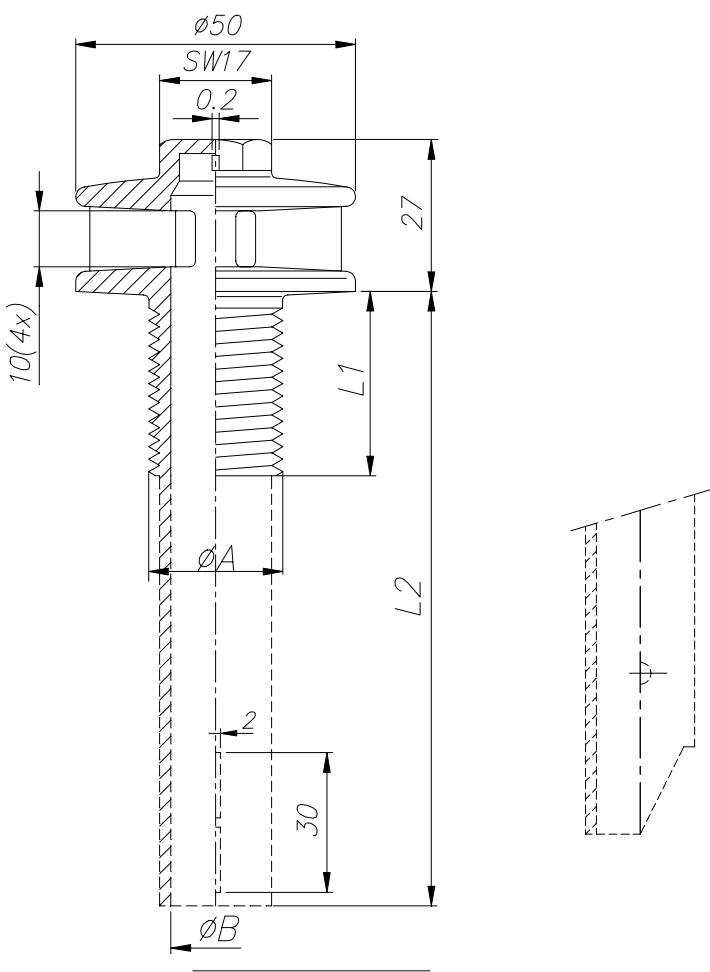


**Typ GR**

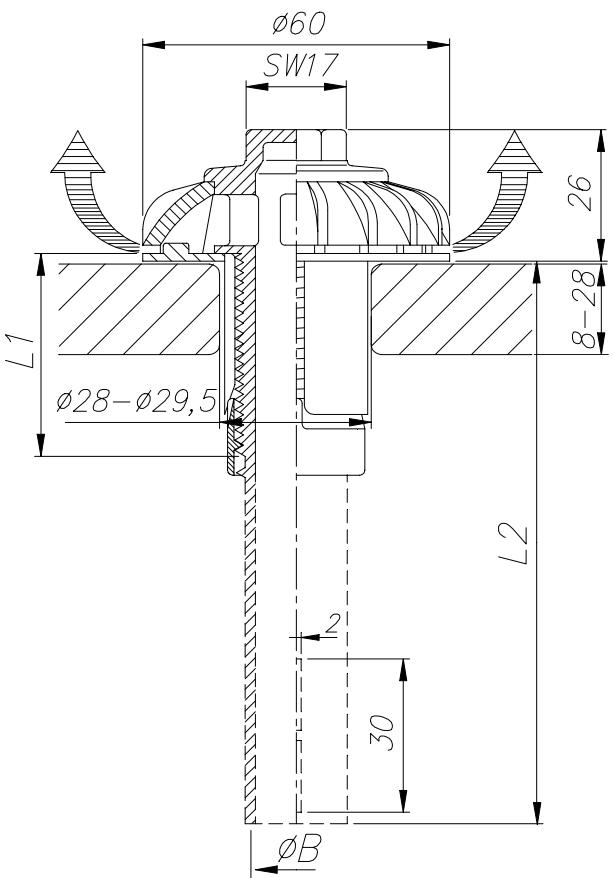


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread lenght Longueur de filetage Largura de la rosca	L1	Schaft Shaft Longueur de tige Tija	L2	$\varnothing B$
<b>S3G</b>	$40 \times 0,26 = 3,04 \text{ cm}^2$ $40 \times 0,5 = 5,84 \text{ cm}^2$ $40 \times 0,7 = 8,18 \text{ cm}^2$	1 1/4"WW	32	20, 30, 45, +5 +5 ...	L1, 80, 110, 140, 200, 250, ... 395...	21 = 3,4 cm <sup>2</sup>			
		G 3/4"	26,5	20, 45, 50, +5 +5 ...	L1, 80, 110, 140, 200, 250, ...	16 = 2,0 cm <sup>2</sup>			
		M24	24	20, 45, 50, +5 +5 ...	L1, 80, 110, 140, 200, 250, ...	16 = 2,0 cm <sup>2</sup>			
<b>GR</b>	Type Type Type Tipa	$\varnothing A$	L1	Gewinde Thread Filetage Rosca	$\varnothing B$				
		60	37	RD 44					
		65	41						

**Typ G**



**Typ RSP**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread lenght Longueur de filetage Largura de la rosca	L1	Schaft Shaft Longueur de tige Tija	L2	ØB
	<b>G</b>	5 = 2,0 cm <sup>2</sup>	1 1/4"WW	32	20, 30, 45, +5 +5 ...		L1, 80, 110, 140, 200, 250, ... 417...		21 = 3,4 cm <sup>2</sup>
			G 3/4"	26,5	20, 30, 45, +5 +5 ...		L1, 80, 110, 140, 200, 250, ... 417...		16 = 2,0 cm <sup>2</sup>
			M24	24	25, 45, +5 +5...		L1, 80, 110, 140, 200, 250, ... 417...		16 = 2,0 cm <sup>2</sup>
	<b>RSP 8-28</b>	1,6 = 2,67 cm <sup>2</sup> 5,6 = 9,35 cm <sup>2</sup>							
						50	L1, 80, 110, 140, 200		16 = 2,0 cm <sup>2</sup>

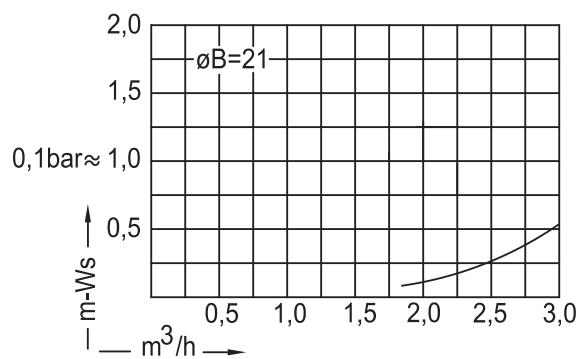
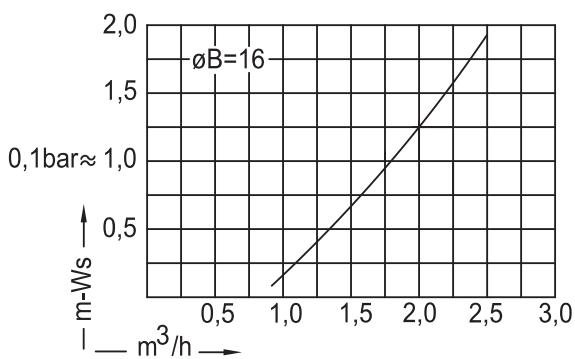
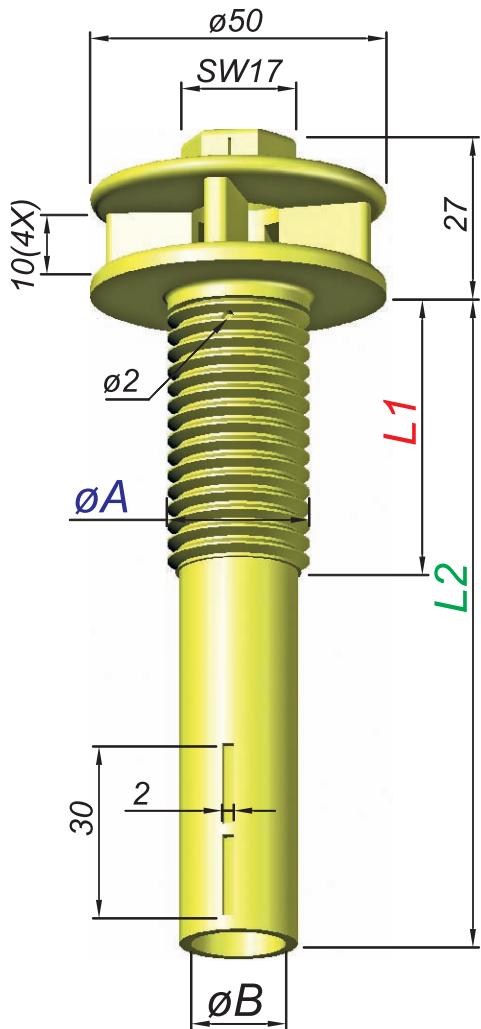
## Filterdüsen

## Filter-Nozzles

## Crépines à filtre

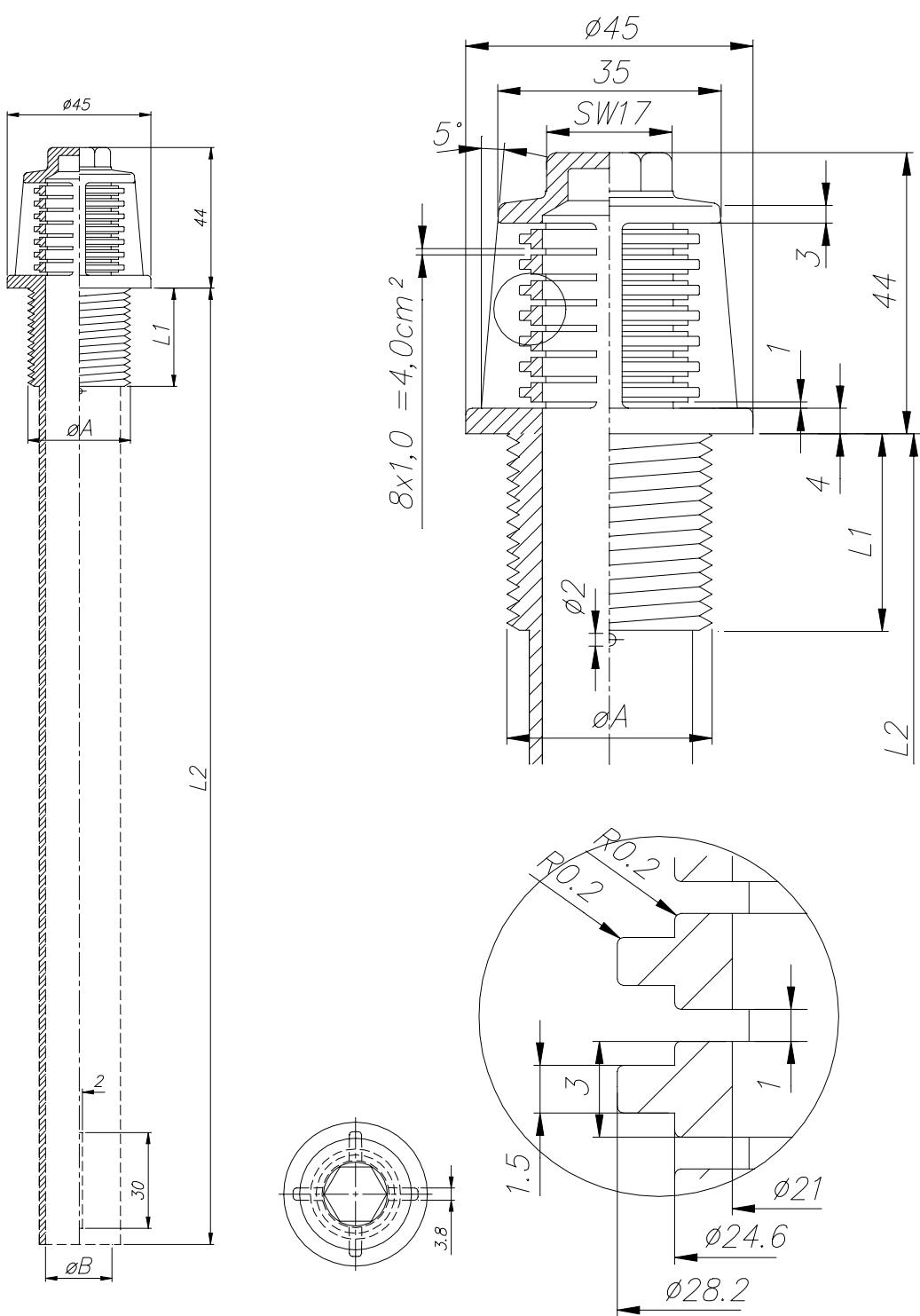
## Toberas filtrantes

**Typ G**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura da rosca	Schaft Shaft Longueur de tige Tija	$\varnothing B$
	<b>G</b>	5 = 2,0 cm <sup>2</sup>	G 1"	33,25	20	80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm <sup>2</sup>
			1 1/4"WW	32	20, 30, 45, +5+5...		
			M30 x 3,5	30	30		
			G 3/4"	26,5	20, 30, 45, +5+5...		
			1" WW	25,4	20, 45, +5+5...		16 = 2,0 cm <sup>2</sup>
			M24	24	25, 45, +5+5...		
			M22 x 1,5	22	45, +5+5...		

**Typ G2**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	*	Gewinde Thread Filetage Rosca	ØA	Gewindelänge Thread length Longueur de filetage Largura da rosca	L1	Schaft Shaft Longueur de tige Tija	L2	ØB	
	<b>G2</b>	8 x 1,0 = 4,0 cm <sup>2</sup>	1 1/4"WW	32	20, 30, 45, +5+5...		L1, 80, 100, 140, 200, ...		21 = 3,4 cm <sup>2</sup>		
			G 1"	33,25	20		L1, 80, 100, 140, 200		21 = 3,4 cm <sup>2</sup>		
			M30	30	30		L1, 80, 100, 140, 200, ...		21 = 3,4 cm <sup>2</sup>		

## Filterdüsen aus Edelstahl

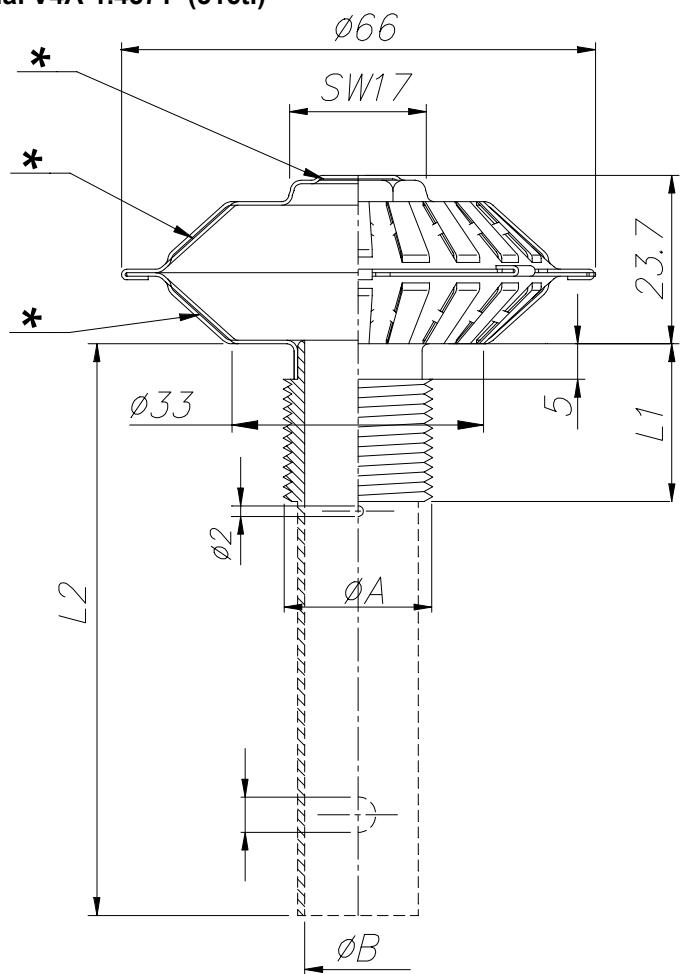
## VA-Filter-Nozzles

## Crepine a Filtre en VA

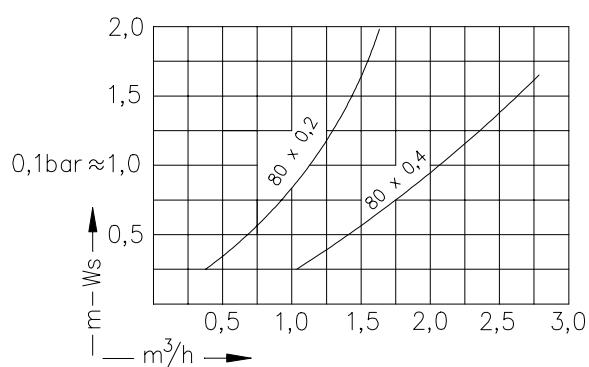
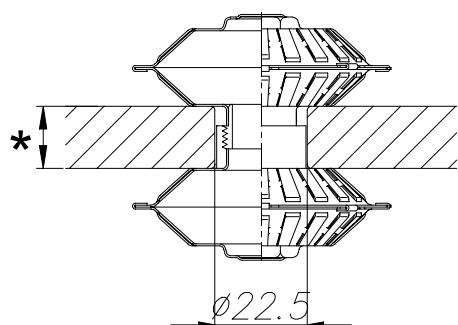
## Toberas filtrantes de VA

### Typ V10

Material V4A-1.4571 (316ti)



Typ V10-0,2 / V10-0,2- \*



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	Schaft Shaft Longueur de tige Tija
	<b>MUVA</b>	$\text{ØA}$ $\text{G} \frac{1}{2}''$ $\text{M}20 \times 1,5$	$\text{L1}$ $\text{L2}$ $\text{ØB}$

Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlüsse Slots Fentes Ranuras	*	Gewinde Thread Filetage Rosca	$\text{ØA}$	Gewindelänge Thread length Longueur de filetage Largura da rosca	$\text{L1}$	Schaft Shaft Longueur de tige Tija	$\text{L2}$	$\text{ØB}$
	<b>V10</b>	$80 \times 0,2 = 1,68 \text{ cm}^2$ $80 \times 0,4 = 3,52 \text{ cm}^2$	G 1/2" M20x1,5	21 20	20, 30 35 +5 +5 ...			L1, 80, 100		16 = 2,0 cm <sup>2</sup> 16 = 2,0 cm <sup>2</sup>

## Filterdüsen aus Edelstahl

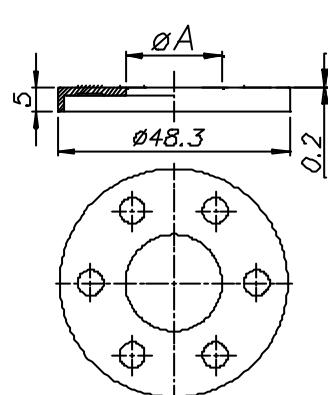
## VA-Filter- Nozzles

## Crepine a Filtre en VA

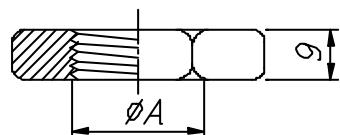
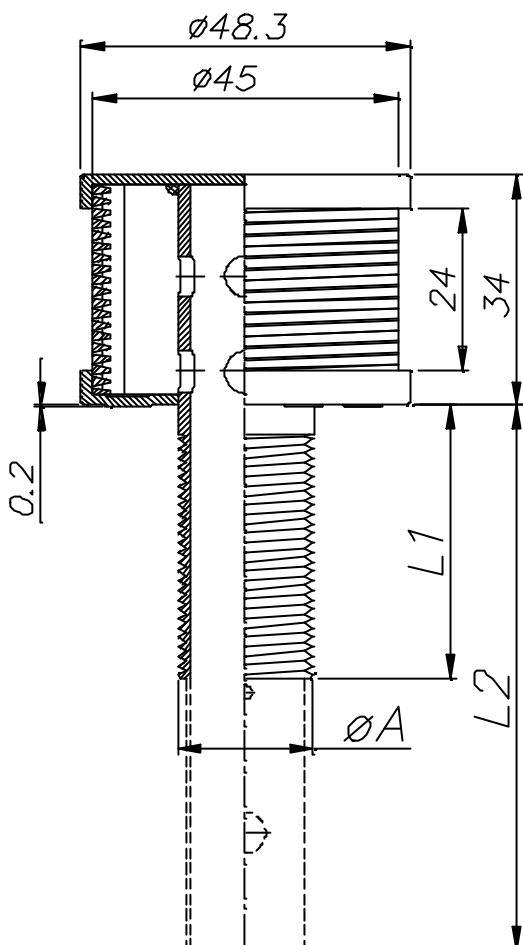
## Toberas filtrantes de VA

### Typ V20

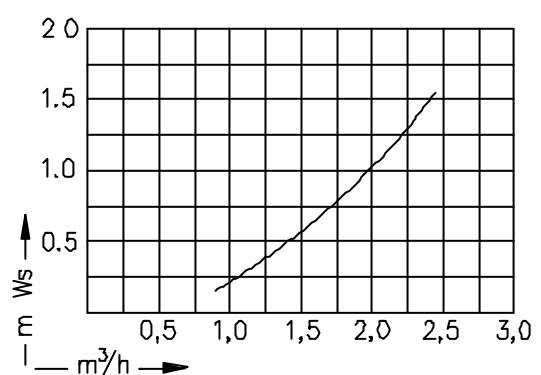
Material V4A 1.4571 (316ti)



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	$\emptyset A$
	DVA	21 20



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca	$\emptyset A$
	MUVA		M20x1,5



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\emptyset A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca	L1	Schaft Shaft Longueur de tige Tija	L2
	V20	0,2 = 5,65 cm²	M20x1,5	20	40, +5, +5...		L1, 80, 100	

**Filterdüsensatz**

für Zwischenböden

**Filter-Nozzles-Set**

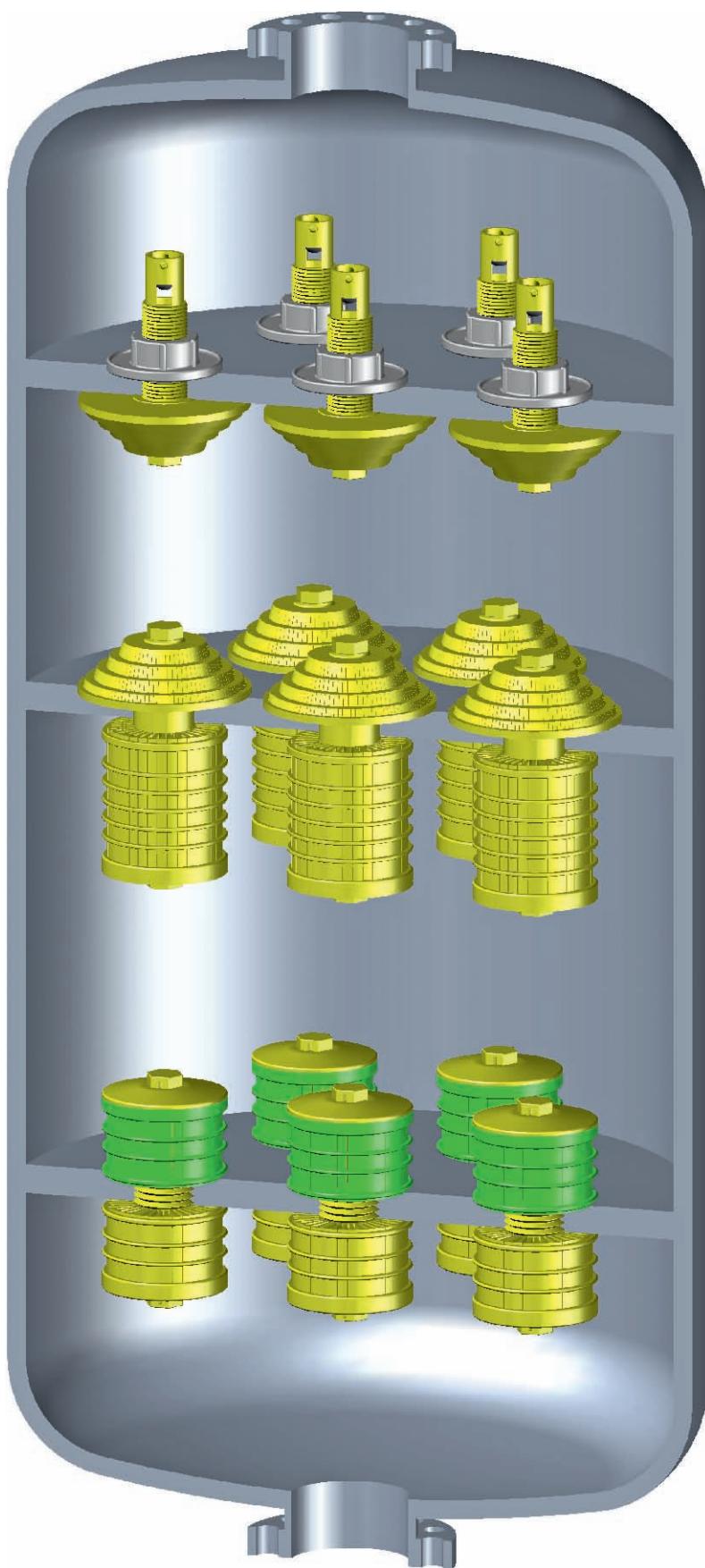
For intermediate bottoms

**Crépines à filtre**

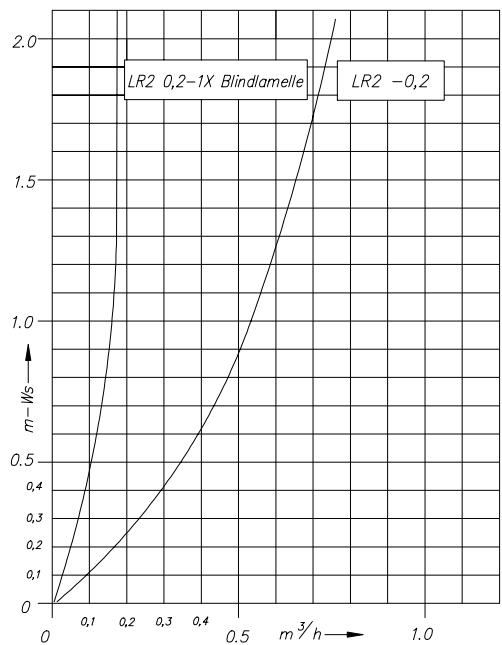
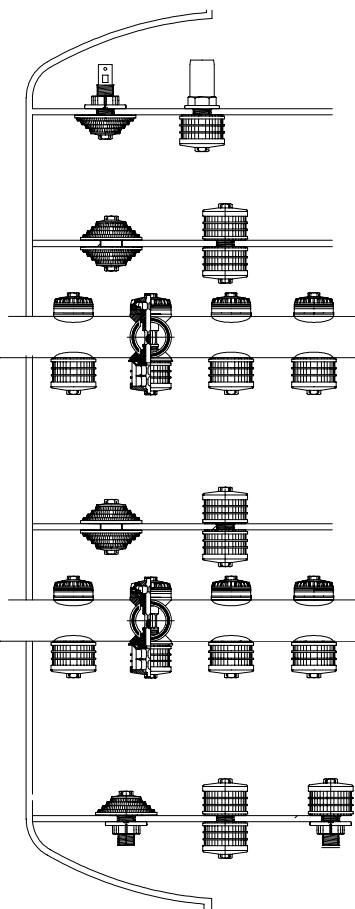
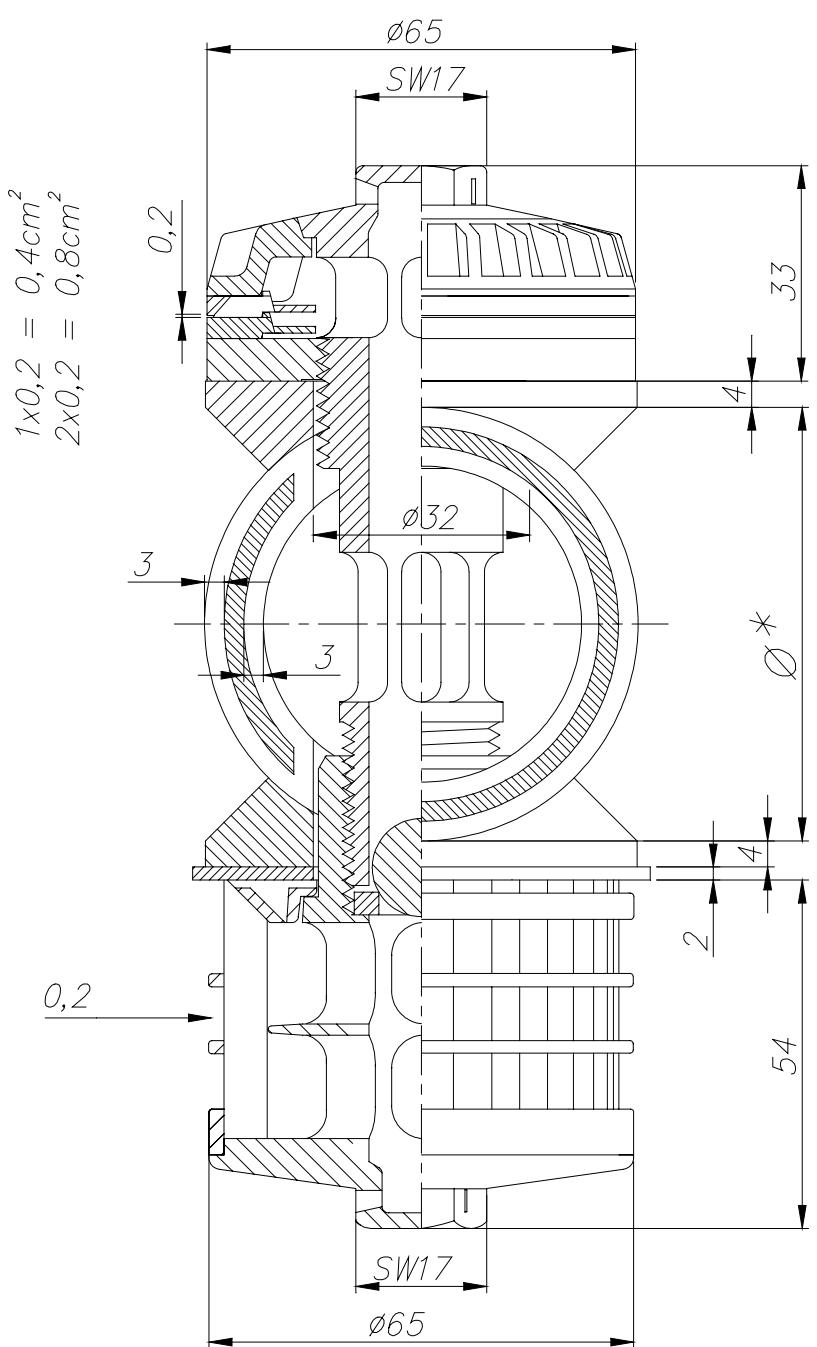
Assortiment pour planches intermédiaires

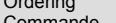
**Conjunto de**

Toberas para placas intermedias



## Typ MST



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	$\emptyset^*$	
	<b>MST</b>	1x 0,2 = 0,4 cm <sup>2</sup>  2x 0,2 = 0,8 cm <sup>2</sup>	$\emptyset 63$	
			$\emptyset 75$	
			$\emptyset 90$	
			$\emptyset 114$	

**Filterdüsensatz  
für  
Zwischenböden**

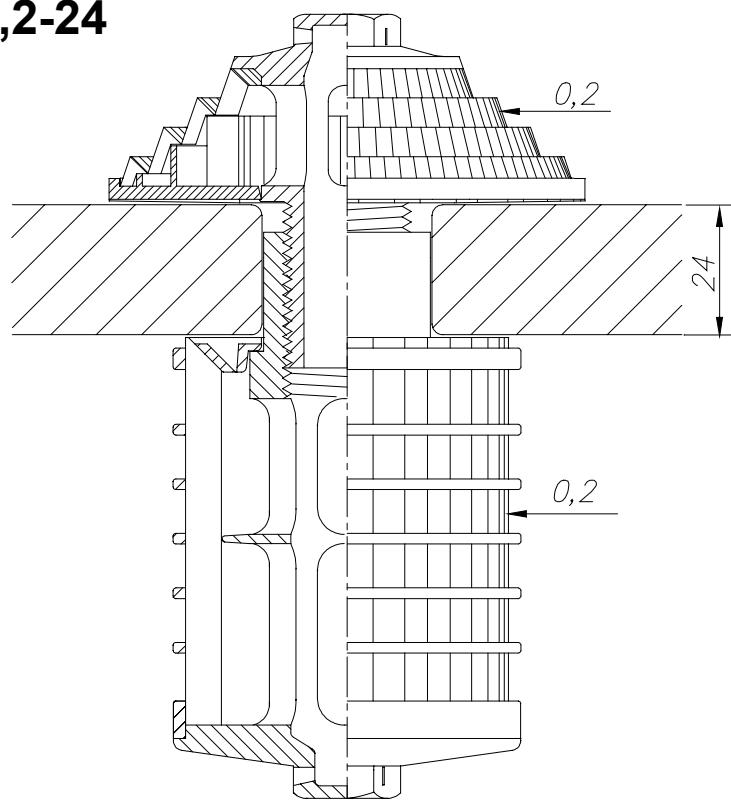
**Filter-Nozzles-Set  
for intermediate  
Bottoms**

**Crepine a Filtre  
assortiment pour  
fonds intermediaires**

**Conjunto de  
toberas para  
placas intermedias**

## **Typ P-0,2 / C2-0,2-24**

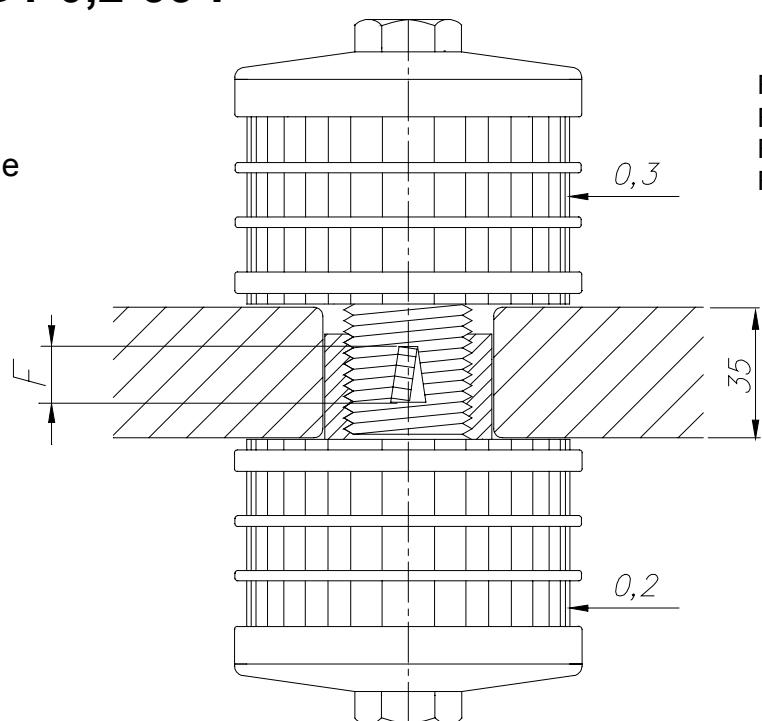
Bestellbeispiel  
Example for Ordering  
Example de commande  
Ejemplo de encargo



## **Typ C1-0,3 / C1-0,2-35-F**

Bestellbeispiel  
Example for Ordering  
Example de commande  
Ejemplo de encargo

F = Lösungssicherung  
F = special devise (Flipper)  
F = Dispositif auto bloquant  
F = Cierrede Seguridad



**Filterdüsensatz**

für Zwischenböden

**Filter-Nozzles-Set**

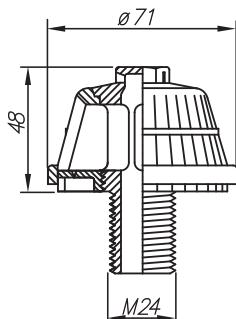
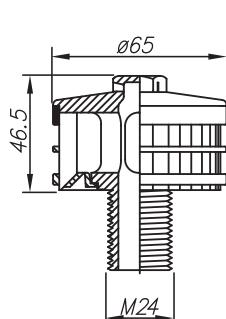
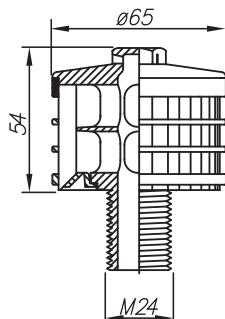
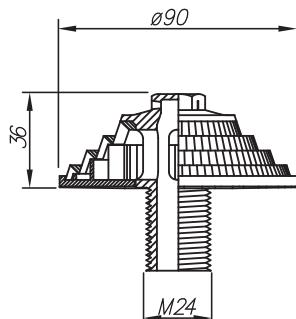
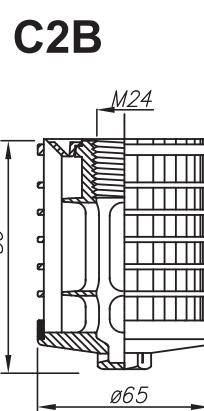
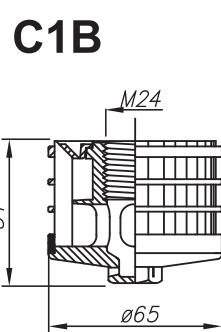
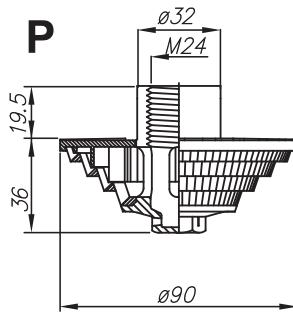
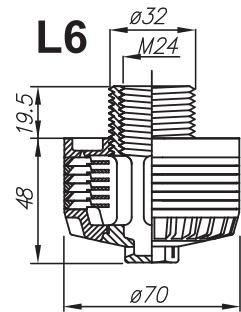
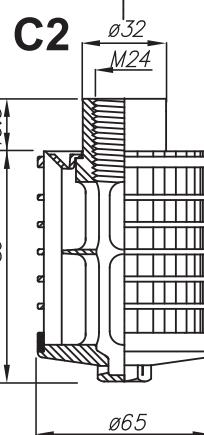
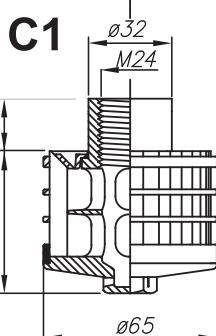
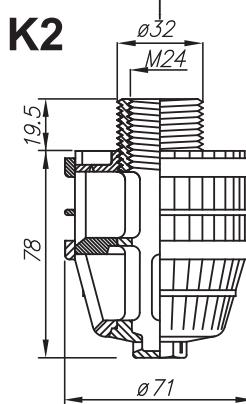
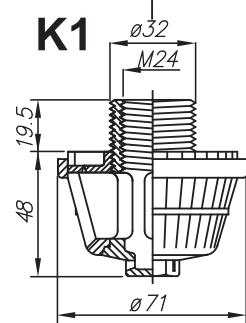
For intermediate bottoms

**Crépines à filtre**

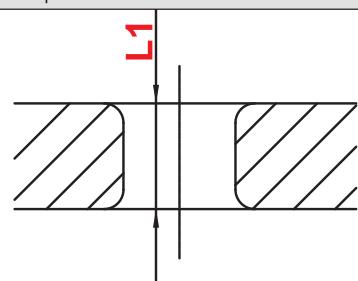
Assortiment pour planches intermédiaires

**Conjunto de**

Toberas para placas intermedias

**K1****CA****C1****P****L1**

Bestellung Ordering Commande Encargo	Typ obere Düse Type upper nozzle Type crépines supérieures Tipo toberas Superior	Schlitte Slots Fentes Ranuras	Typ untere Düse Type lower nozzle Type crépines inférieures Tipo tobera Inferior	Schlitte Slots Fentes Ranuras	Bodenstärke Plate thickness Epaisseur du plancher Espesor placa	<b>L1</b> = mm
	<b>K1</b>	0,2 0,35 0,5	<b>K1</b> <b>K2</b> <b>C1</b> <b>C1B</b> <b>C2</b> <b>C2B</b> <b>L</b> <b>P</b>	0,2 0,35 0,5 - 2,0 0,2 0,35 0,2 0,3 0,5 - 2,0 0,2 0,3 0,5 - 2,0 0,2 0,3 0,2 0,3 0,2 0,3 0,5 0,2		
	<b>C1</b>	0,2 0,3 0,5				
	<b>P</b>	0,2				
	<b>CA</b>	0,4				



**Gegenstromventil**

Zur besseren Verteilung  
der Regeneriermittel

**Counter Flow Valve**

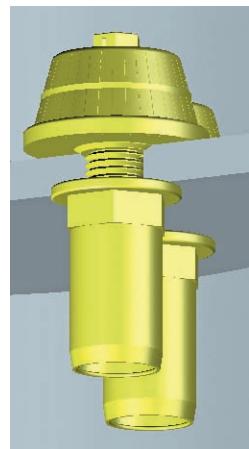
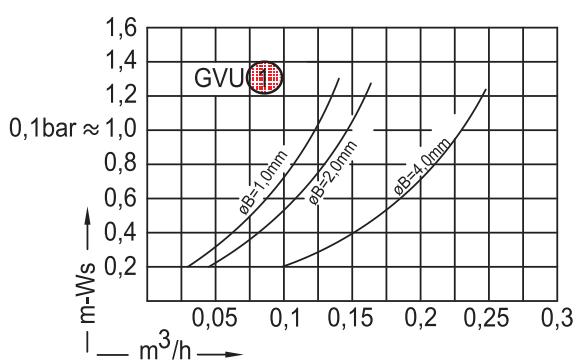
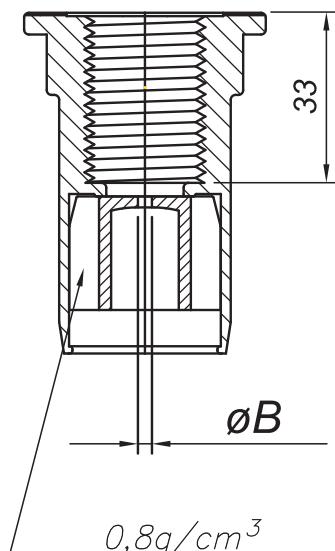
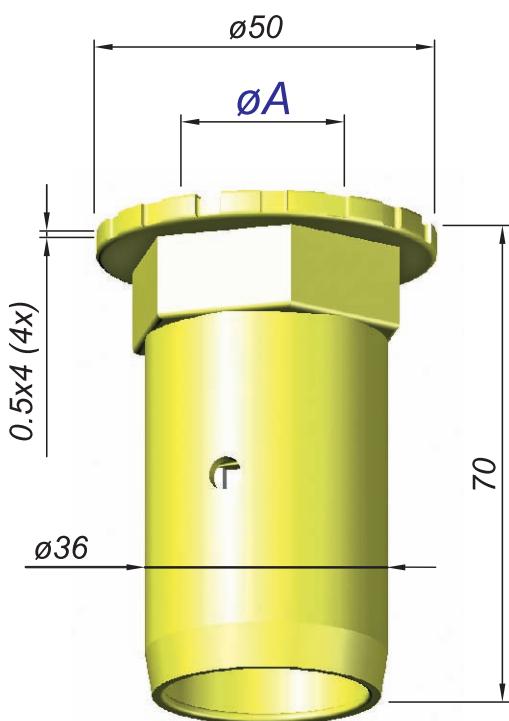
For the uniform distribution  
of the regenerants

**Souape à contre**

Pour une meilleure répartition  
des solutions de régénération

**Valvula de contra**

Para la distribucion uniforme de  
los reactivos de regeneracion

**Typ GVU**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca	<b>ØA</b>	<b>ØB</b>	
<b>GVU</b>	1 1/4" WW G 3/4" M24 M20	1 1/4" WW	32	$\varnothing 1,0 - \varnothing 2,0 - \varnothing 3,0 - \varnothing 4,0 - \varnothing 5,0 - \varnothing 6,0 - \varnothing 7,0 \text{ mm}$	
		G 3/4"	26,5		
		M24	24		
		M20	20		

**Gegenstromventil**

Zur besseren Verteilung  
der Regeneriermittel

**Counter Flow Valve**

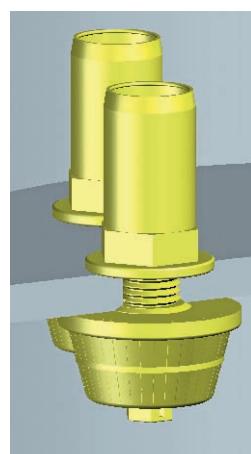
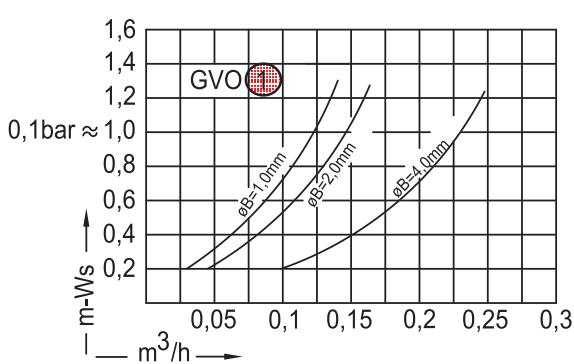
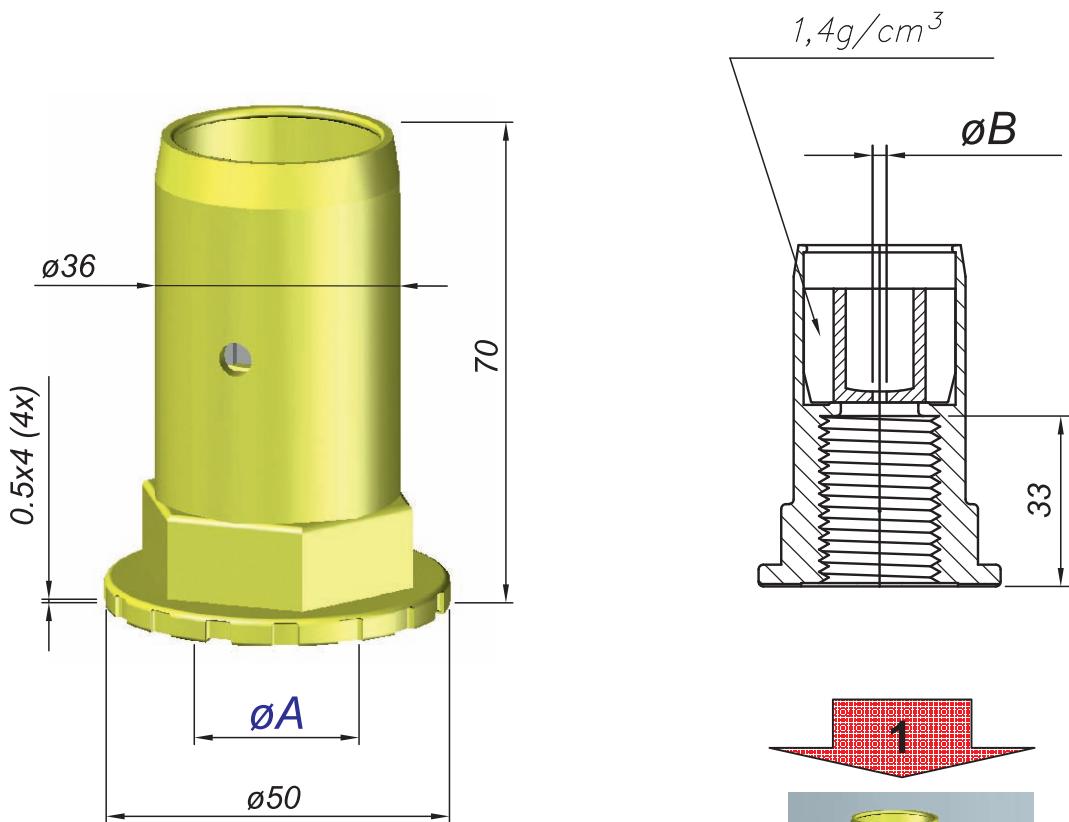
For the uniform distribution  
of the regenerants

**Souape à contre**

Pour une meilleure répartition  
des solutions de régénération

**Valvula de contra**

Para la distribucion uniforme de  
los reactivos de regeneracion

**Typ GVO**

Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA	ØB	
<b>GVO</b>	1/4" WW	32	$\varnothing 1,0 - \varnothing 2,0 - \varnothing 3,0 - \varnothing 4,0 - \varnothing 5,0 - \varnothing 6,0 - \varnothing 7,0 \text{ mm}$		
		26,5			
		24			
		20			

**Filterdüsen**

Zur besseren Verteilung  
der Regeneriermittel

**Filter-Nozzles**

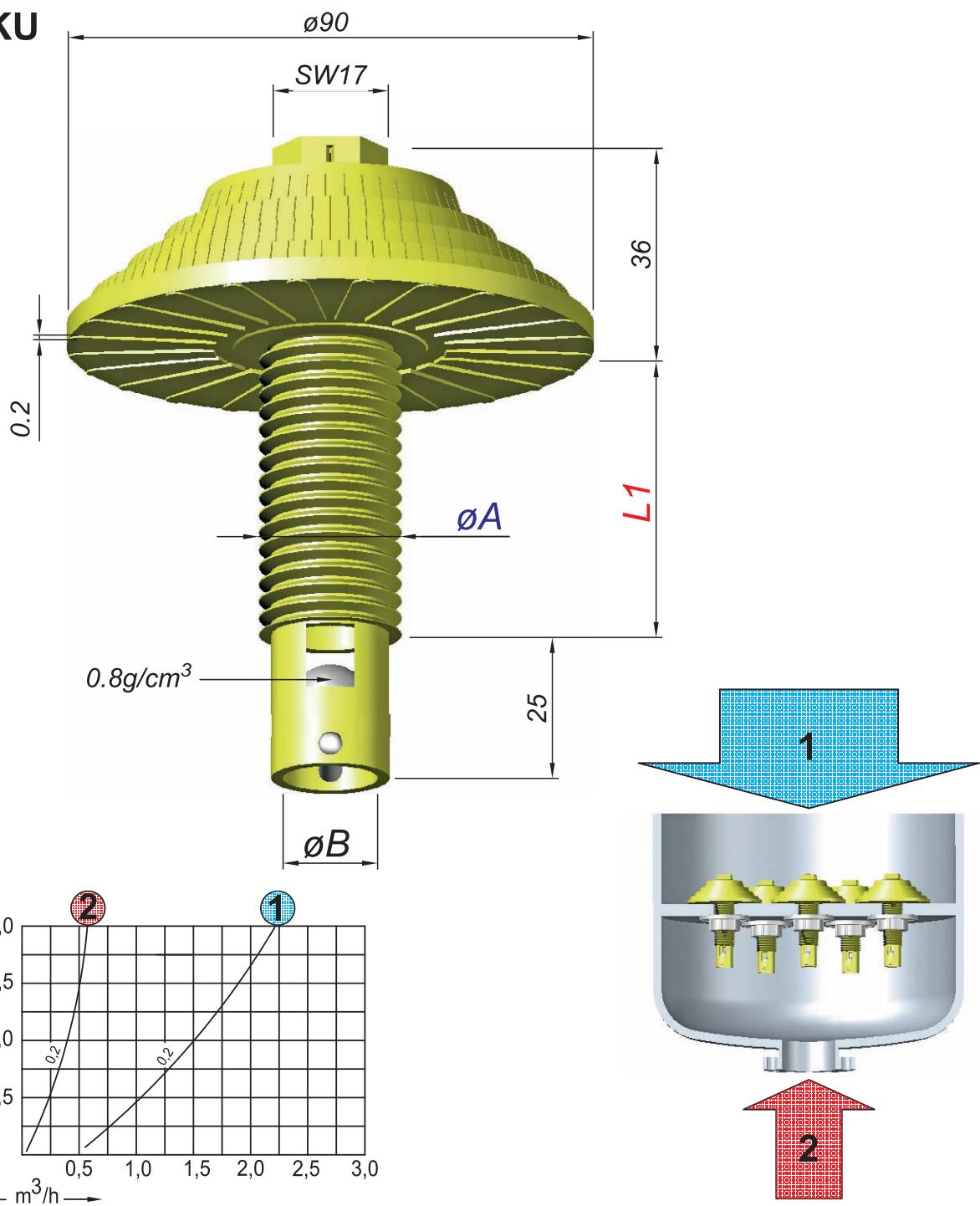
For the uniform distribution  
of the regenerants

**Crépines à filtre**

Pour une meilleure répartition  
des solutions de régénération

**Toberas filtrantes**

Para la distribucion uniforme de  
los reactivos de regeneracion

**Typ PKU**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	$\varnothing A$	$L1$	$\varnothing B$
	<b>PKU</b>	0,2 = 3,0 cm <sup>2</sup>	M24	24	45, 50, +5 +5...	16 = 2,0 cm <sup>2</sup>

**Filterdüsen**

Zur besseren Verteilung  
der Regeneriermittel

**Filter-Nozzles**

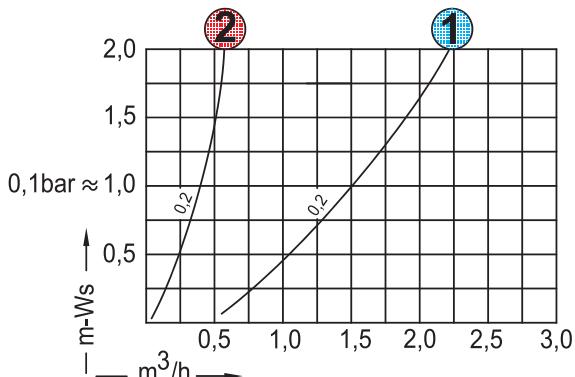
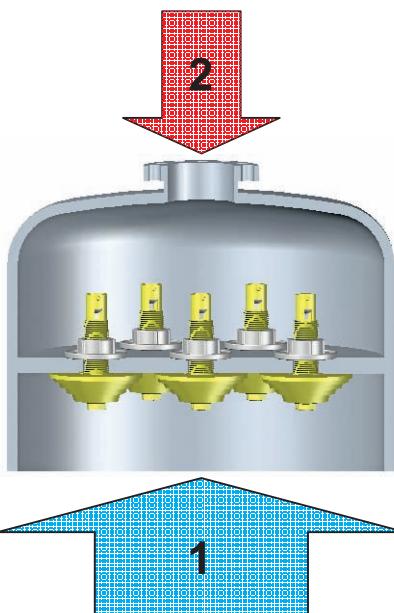
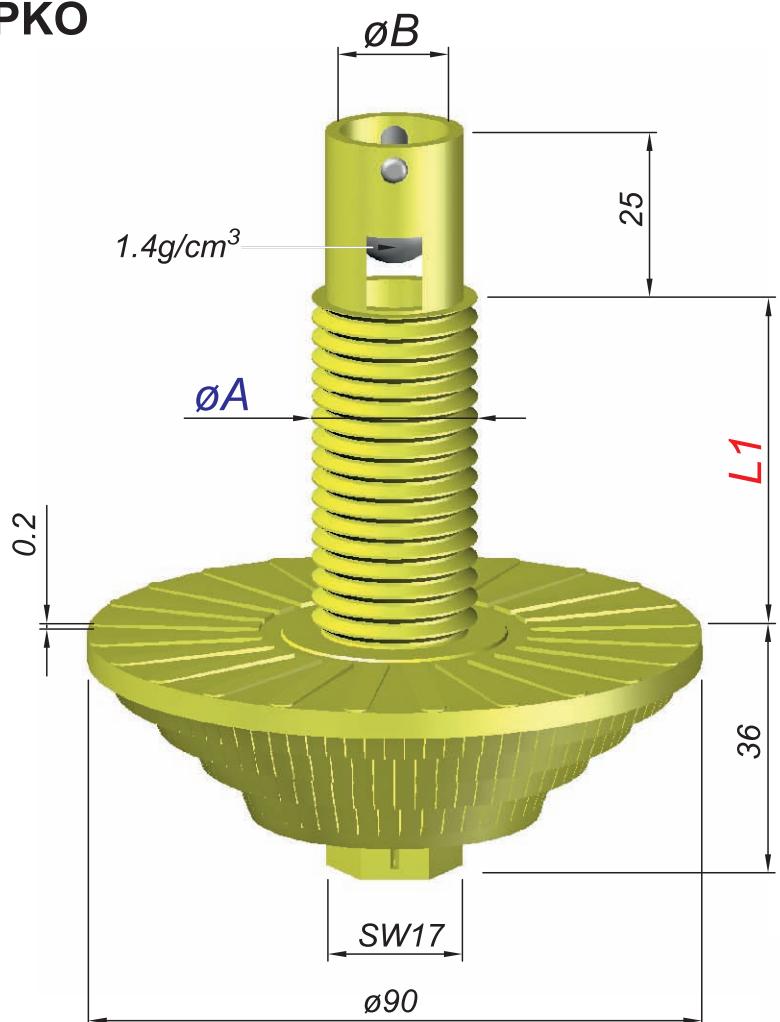
For the uniform distribution  
of the regenerants

**Crépines à filtre**

Pour une meilleure répartition  
des solutions de régénération

**Toberas filtrantes**

Para la distribución uniforme de  
los reactivos de regeneracion

**Typ PKO**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	L1	ØB
	PKO	0,2 = 3,0 cm²	M24	24	45, 50, +5 +5...	16 = 2,0 cm²

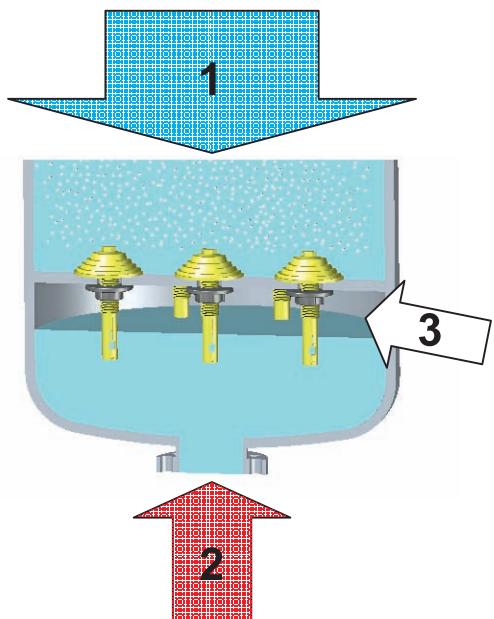
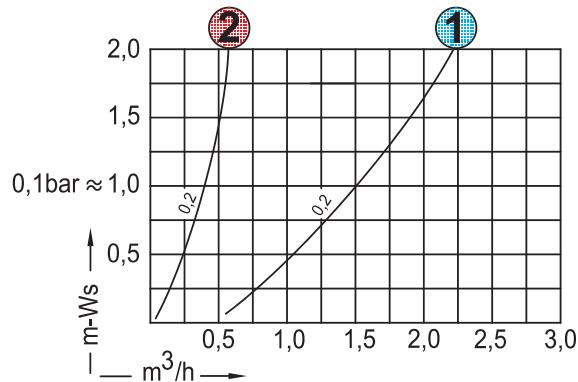
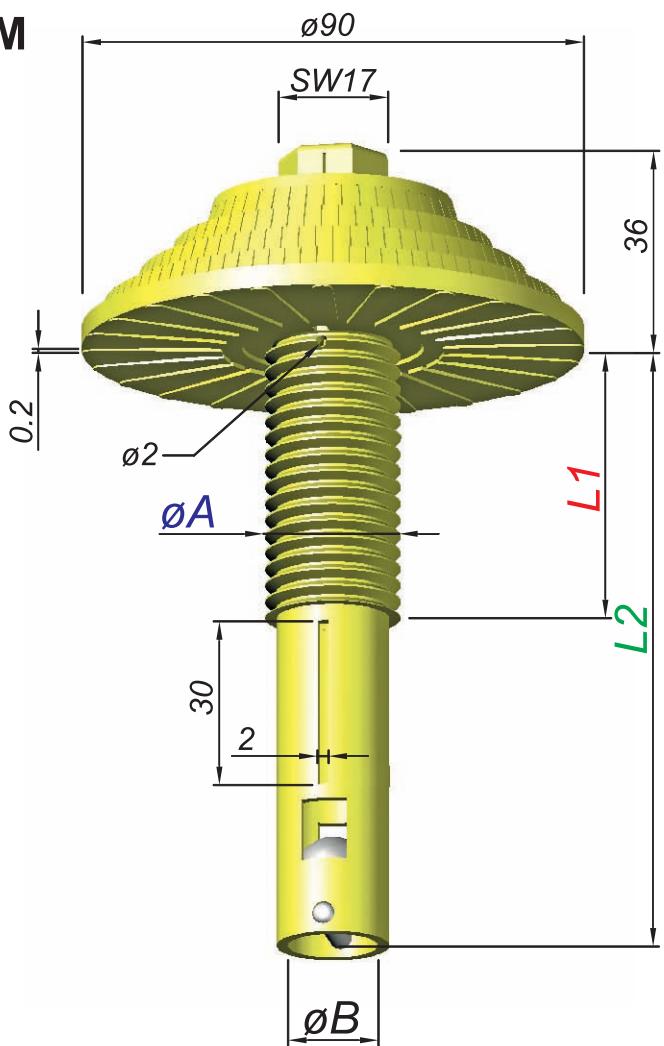
**Mischbett  
Filterdüsen**

**Mixed bed  
Filter-Nozzles**

**Crépines à filtre  
Pour lit mélange**

**Toberas filtrantes  
Para lechos mixtos**

**Typ M**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse 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
	<b>M</b>	0,2 = 3,0 cm²	G 3/4"	26,5	50	110	16 = 2,0 cm²
			M24	24			

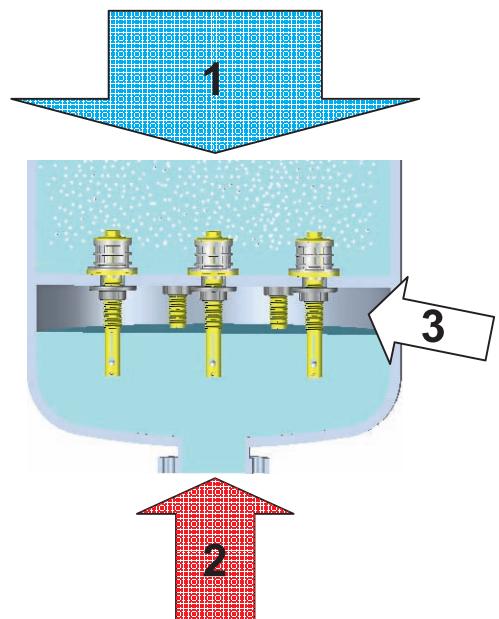
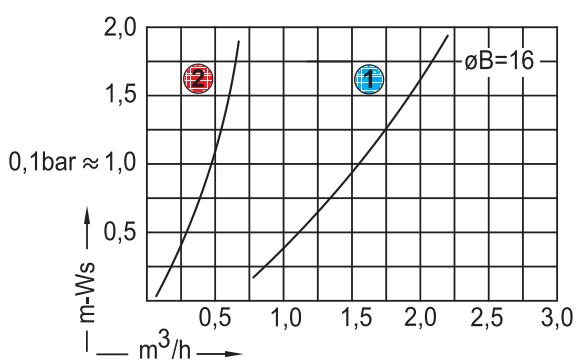
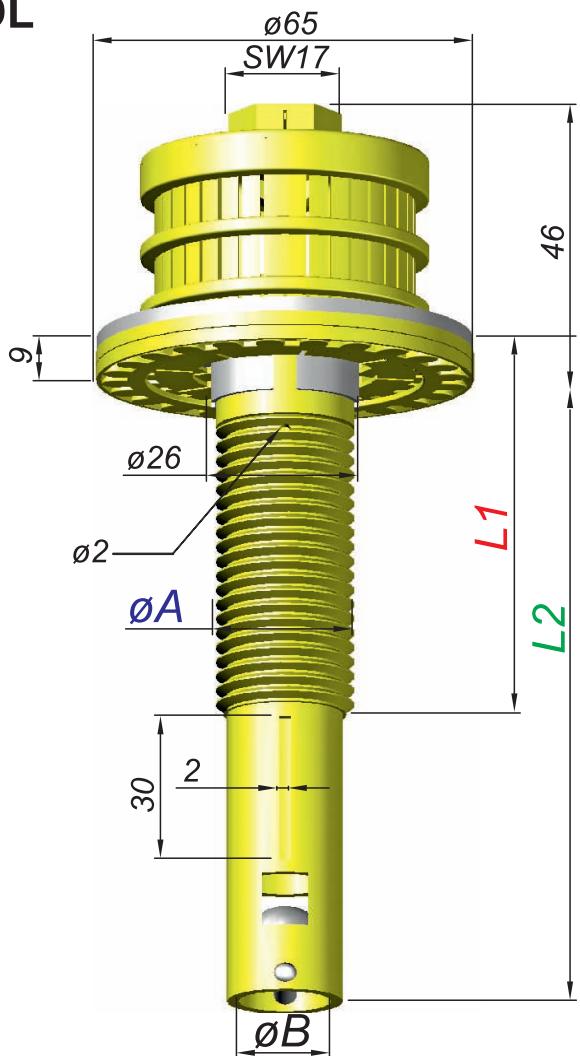
## Filterdüsen

## Filter-Nozzles

## Crépines à filtre

## Toberas filtrantes

## Typ MDL



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse 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
	MDL	24 x 0,2 = 0,91 cm <sup>2</sup> 36 x 0,2 = 1,37 cm <sup>2</sup>	M24	24	60	120	16 = 2,0 cm <sup>2</sup>

## Filterdüsen für Drainagesystem

## Filter-Nozzles for Drainage system

## Système de drainage

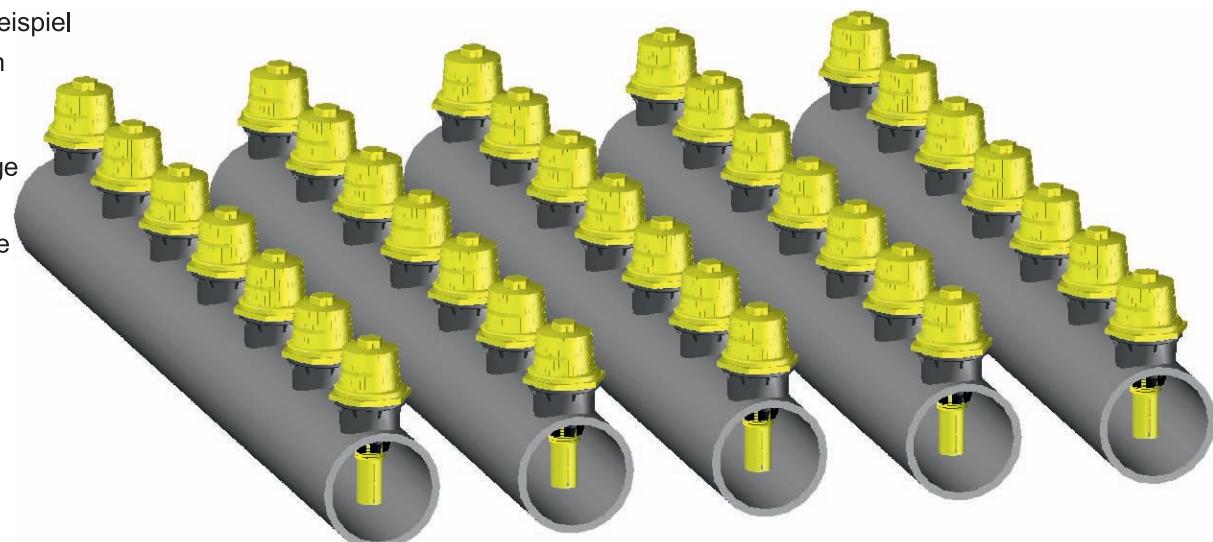
## Sistemas de drenaje

Montagebeispiel

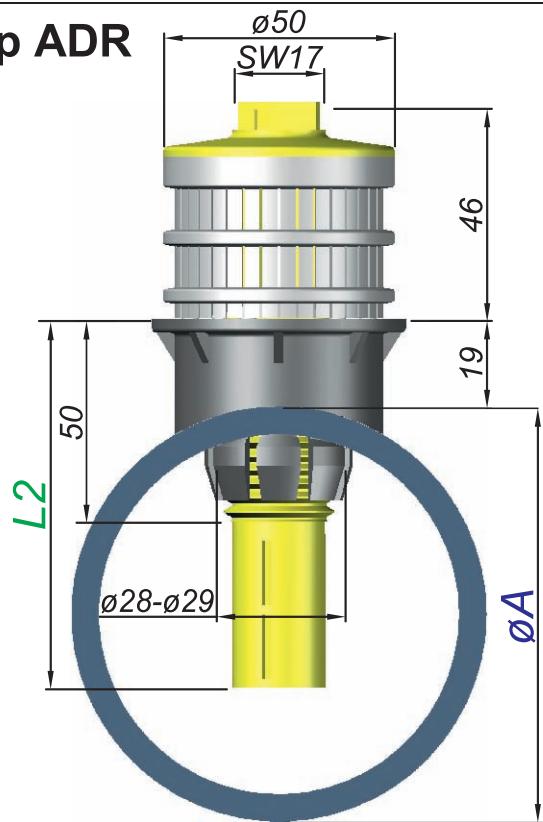
Installation  
procedure

Exemple  
de montage

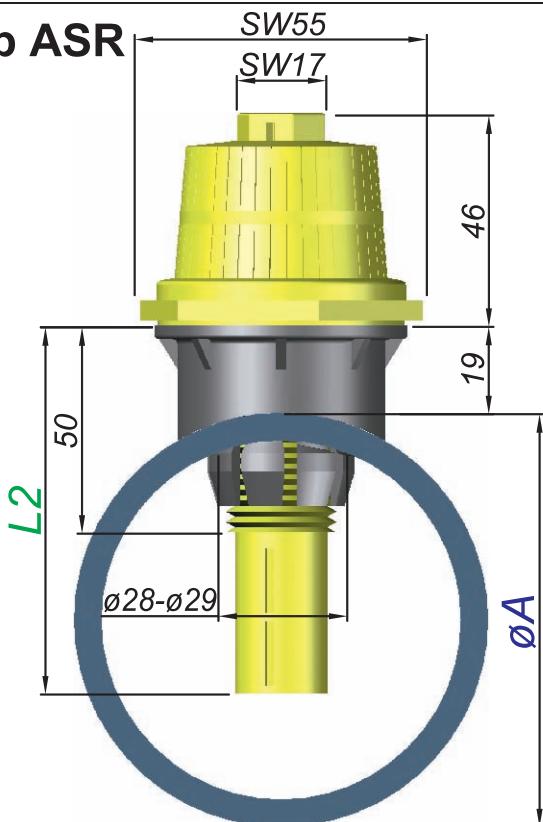
Ejemplo  
de montaje



### Typ ADR



### Typ ASR



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	$\varnothing A$	Schaft Shaft Longueur de tige Tija	L2	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	$\varnothing A$	Schaft Shaft Longueur de tige Tija
	<b>ADR</b>	$24 \times 0,2 = 0,91 \text{ cm}^2$ $36 \times 0,2 = 1,37 \text{ cm}^2$ $36 \times 0,3 = 2,05 \text{ cm}^2$ $36 \times 0,5 = 3,42 \text{ cm}^2$ $36 \times 0,8 = 5,46 \text{ cm}^2$ $24 \times 1,0 = 4,56 \text{ cm}^2$ $24 \times 1,5 = 6,84 \text{ cm}^2$ $20 \times 2,0 = 7,00 \text{ cm}^2$ $8 \times 5,0 = 7,00 \text{ cm}^2$	60,3 63 75 90 110	Nach Angabe according detail selon détails adecuado detalle		<b>ASR</b>	$36 \times 0,2 = 1,72 \text{ cm}^2$ $36 \times 0,35 = 2,65 \text{ cm}^2$ $30 \times 0,5 = 3,78 \text{ cm}^2$ $18 \times 1,0 = 4,64 \text{ cm}^2$ $18 \times 2,0 = 9,29 \text{ cm}^2$	60,3 63 75 90 110	Nach Angabe according detail selon détails adecuado detalle	

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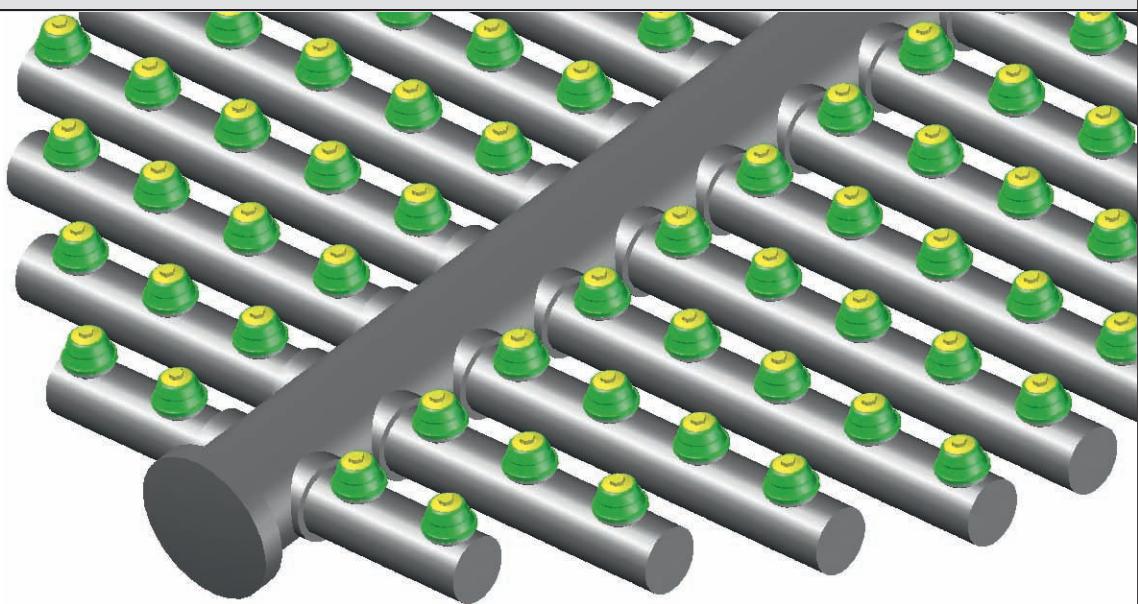
## Sistemas de drenaje

Montagebeispiel

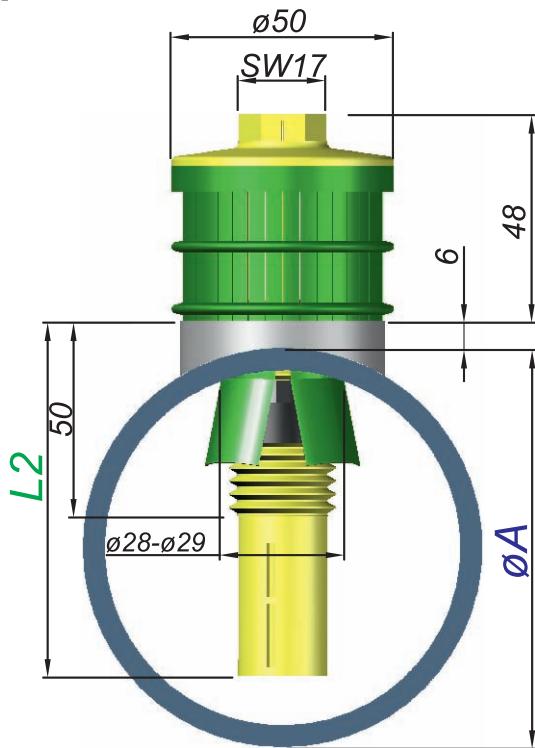
Installation  
procedure

Exemple  
de montage

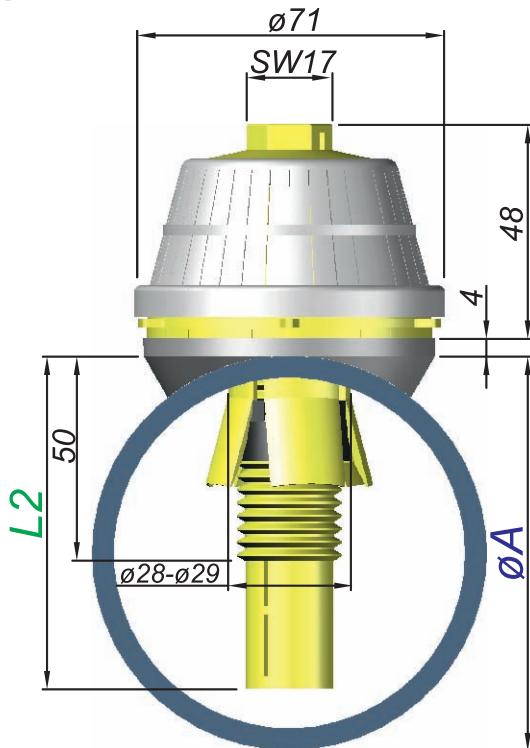
Ejemplo  
de montaje



### Typ ADSP



### Typ AKSP



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	$\varnothing A$	Schaft Shaft Longueur de tige Tija	L2	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	$\varnothing A$	Schaft Shaft Longueur de tige Tija	L2
	<b>ADSP</b>	36 x 0,2 = 1,37 cm <sup>2</sup> 36 x 0,3 = 2,05 cm <sup>2</sup> 36 x 0,5 = 3,42 cm <sup>2</sup> 36 x 1,0 = 6,84 cm <sup>2</sup>	60,3 63 75 90 114 147 165 219 273 324	Nach Angabe according detail selon détails adecuado detalle			<b>AKSP</b>	40 x 0,2 = 1,95 cm <sup>2</sup> 36 x 0,35 = 2,96 cm <sup>2</sup> 20 x 0,5 = 2,35 cm <sup>2</sup> 36 x 0,5 = 4,23 cm <sup>2</sup> 20 x 0,8 = 3,78 cm <sup>2</sup> 36 x 1,0 = 8,46 cm <sup>2</sup> 24 x 1,5 = 7,05 cm <sup>2</sup> 20 x 2,0 = 9,50 cm <sup>2</sup>	60,3 63 75 90 114 147 165 219 273 324	Nach Angabe according detail selon détails adecuado detalle	

## Filterdüsen für Drainagesystem

## Filter-Nozzles for Drainage system

## Systemes de drainage

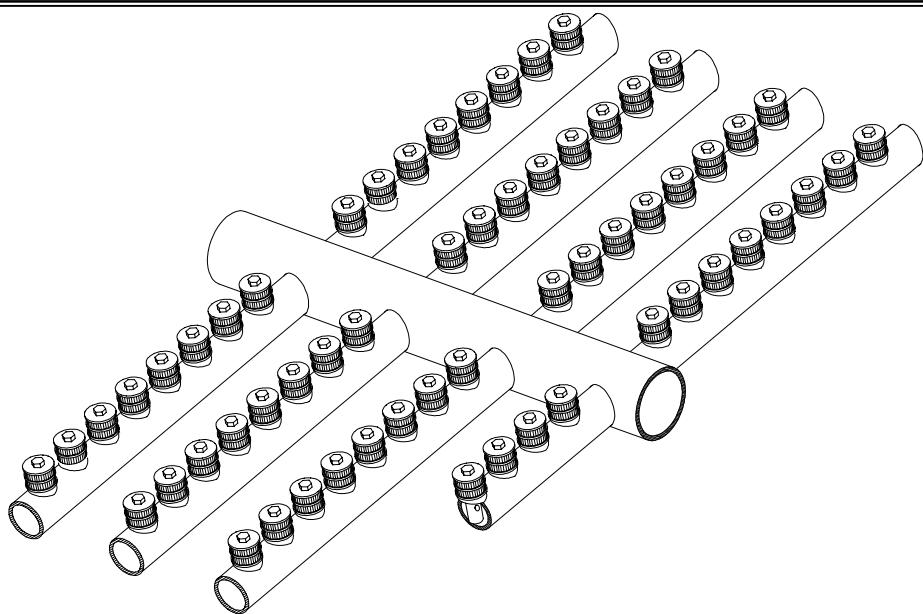
## Sistemas de drenaje

Montagebeispiel

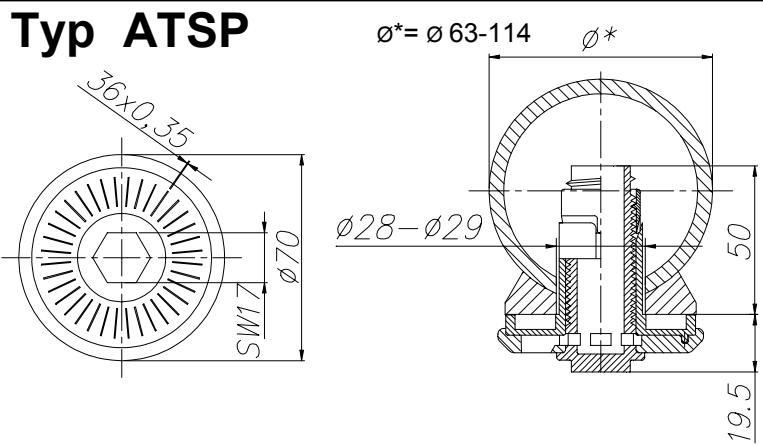
Installation  
procedure

Exemple  
de montage

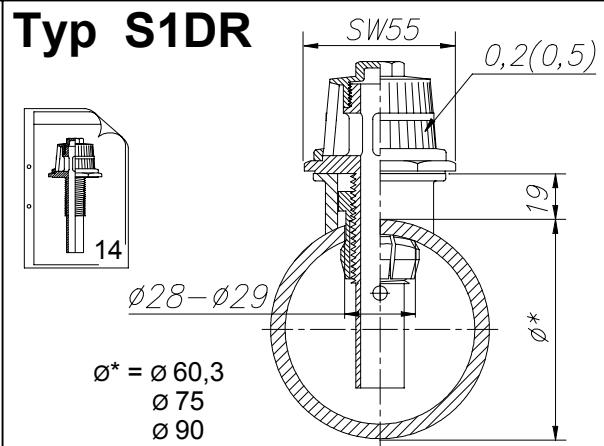
Ejemplo  
de montaje



### Typ ATSP



### Typ S1DR

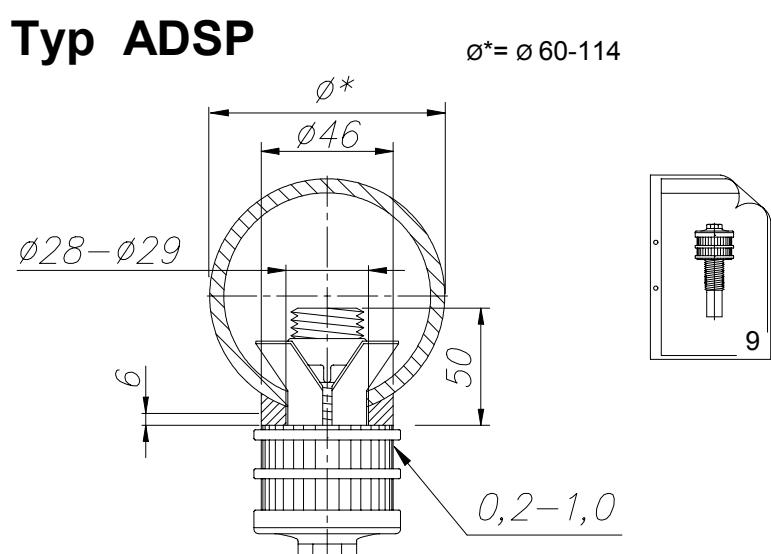


**ATSP- 0,35 - Ø \* mm**

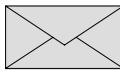
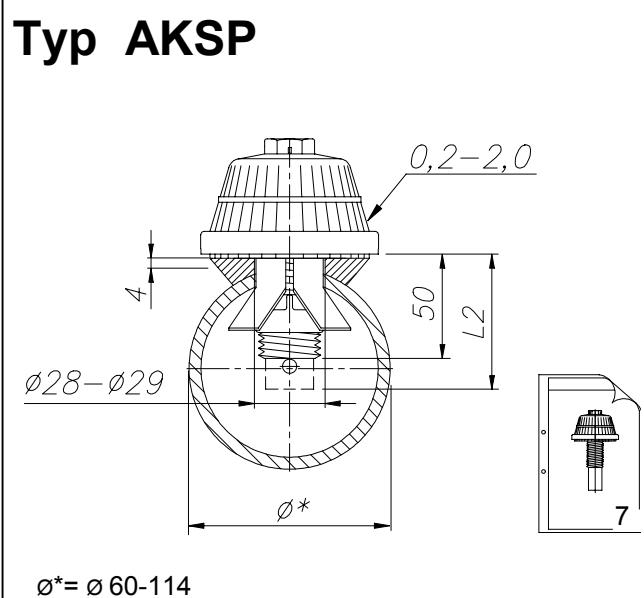


**S1DR- (0,2-0,5) - Ø \* mm**

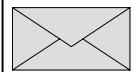
### Typ ADSP



### Typ AKSP



**ADSP- (0,2-1,0) - Ø \* mm**



**AKSP- (0,2-2,0)- Ø \*mm-L2 mm**

## Filterdüsen für Drainagesystem

## Filter-Nozzles for Drainage system

## Système de drainage

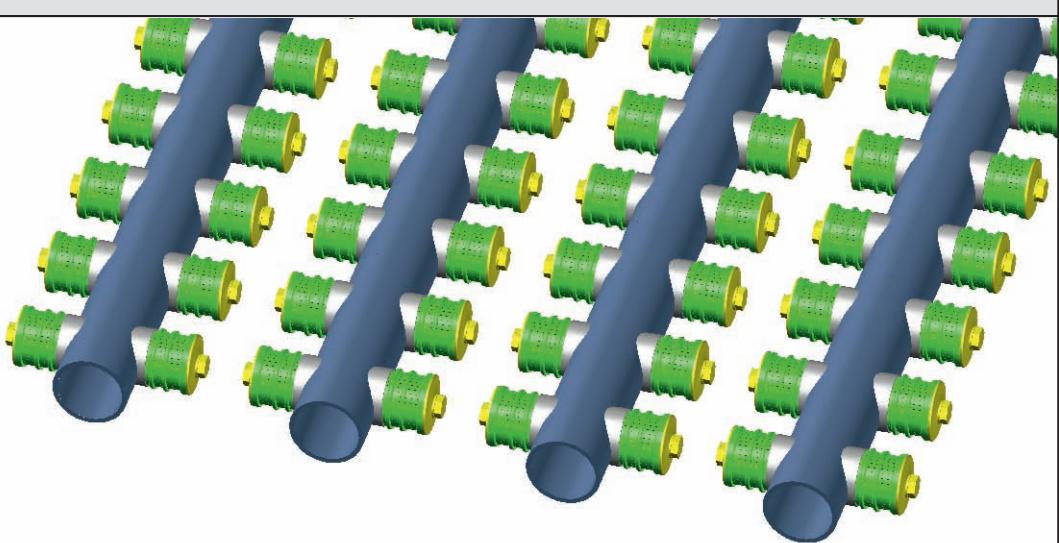
## Sistemas de drenaje

Montagebeispiel

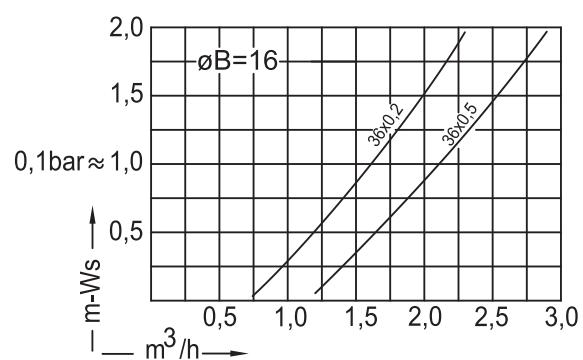
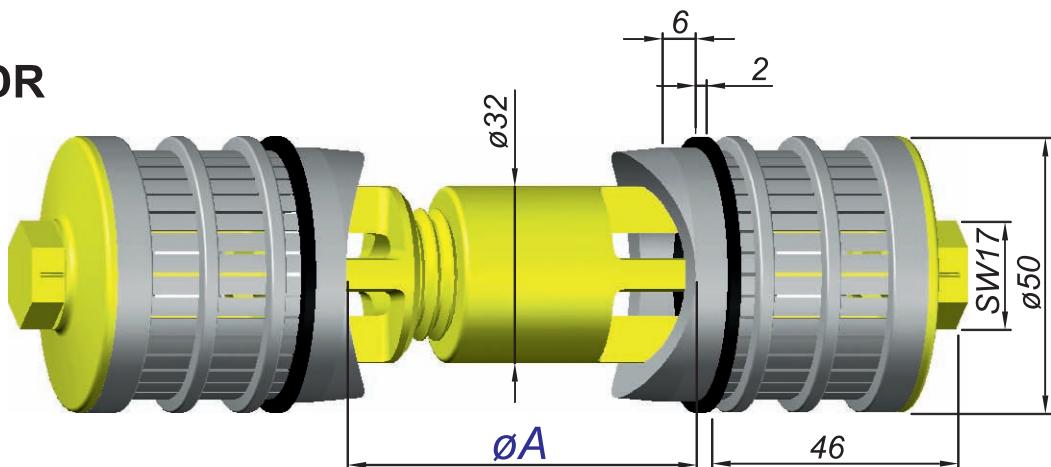
Installation procedure

Exemple de montage

Ejemplo de montaje



### Typ DDR



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	$\varnothing A$
	<b>DDR</b>	$24 \times 0,2 = 0,91 \text{ cm}^2$ $36 \times 0,2 = 1,37 \text{ cm}^2$ $36 \times 0,3 = 2,05 \text{ cm}^2$ $36 \times 0,5 = 3,42 \text{ cm}^2$ $12 \times 0,8 = 1,82 \text{ cm}^2$ $12 \times 1,0 = 2,28 \text{ cm}^2$ $24 \times 1,0 = 4,56 \text{ cm}^2$ $24 \times 1,5 = 6,84 \text{ cm}^2$ $20 \times 2,0 = 7,00 \text{ cm}^2$ $8 \times 5,0 = 7,00 \text{ cm}^2$	60,3 ; 63 ; 75 ; 90 ; 114 ; 147 ; 165 ; 219 ; 273 ; 324

## Filterdüsen für Drainagesystem

## Filter-Nozzles for Drainage system

## Système de drainage

## Sistemas de drenaje

Montagebeispiel

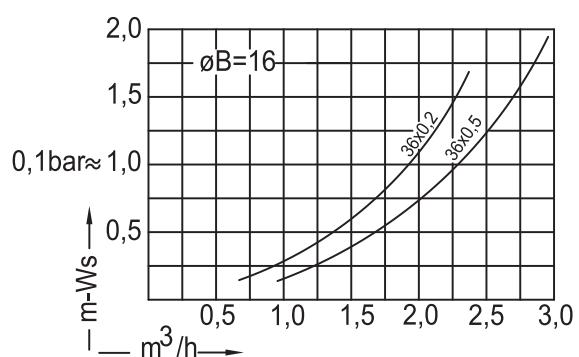
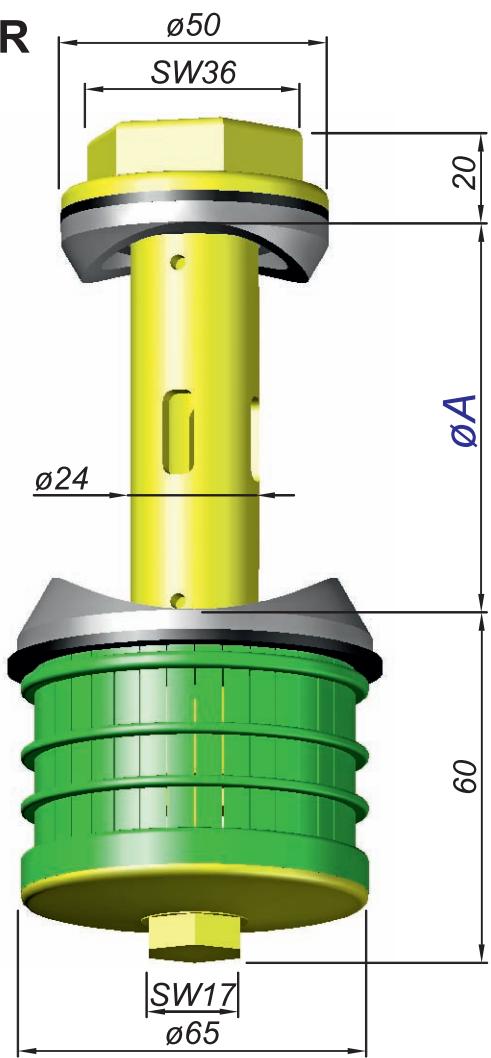
Installation  
procedure

Exemple  
de montage

Ejemplo  
de montaje

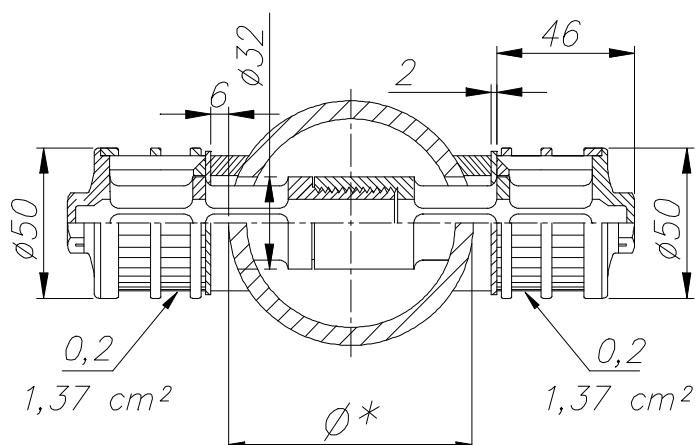


### Typ SCR

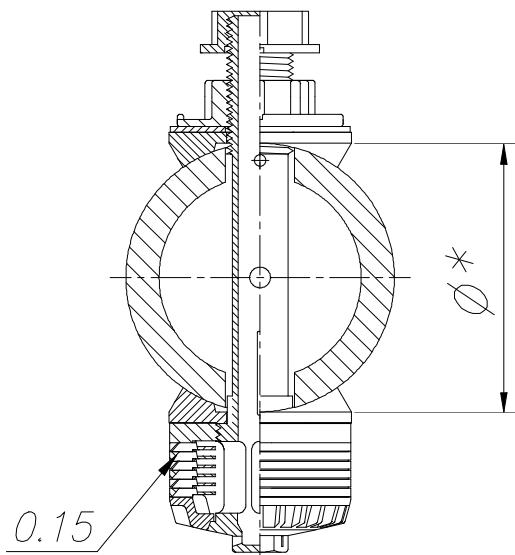


Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	ØA
	<b>SCR</b>	$36 \times 0,2 = 1,95 \text{ cm}^2$ $36 \times 0,3 = 2,90 \text{ cm}^2$ $36 \times 0,5 = 4,90 \text{ cm}^2$ $36 \times 0,7 = 6,80 \text{ cm}^2$ $36 \times 1,0 = 9,80 \text{ cm}^2$	60,3 ; 63 ; 75 ; 90 ; 114 ; 147 ; 165 ; 219 ; 273 ; 324

**Typ DDR**



**Typ SLR**

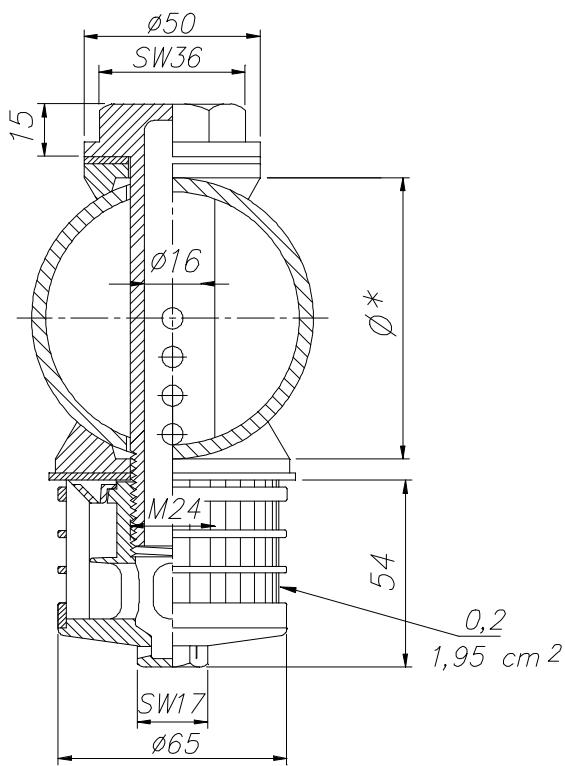


**DDR-0,2/0,2- Ø \*mm**

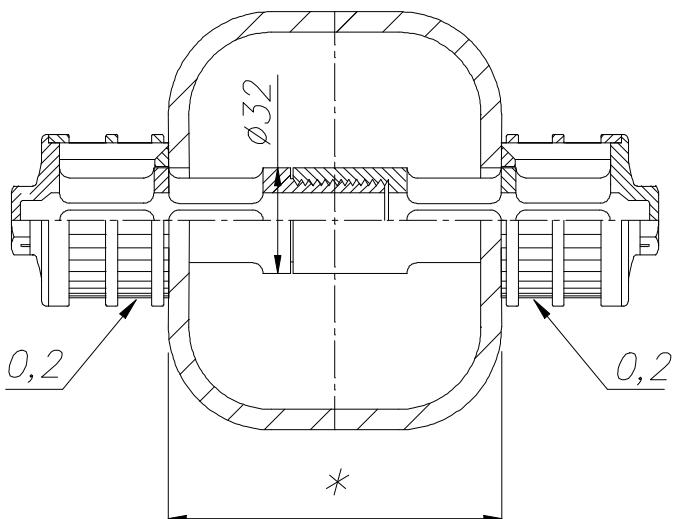


**SLR-0,15- Ø \*mm**

**Typ SCR**



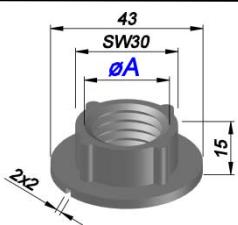
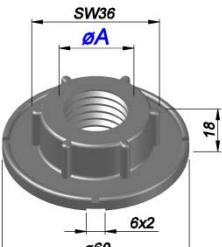
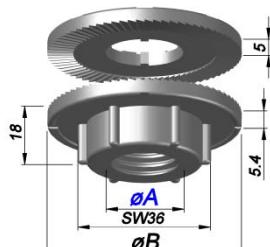
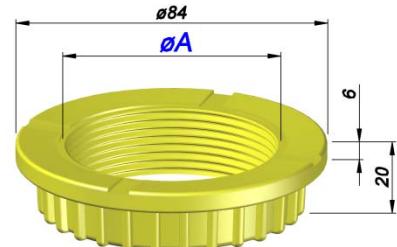
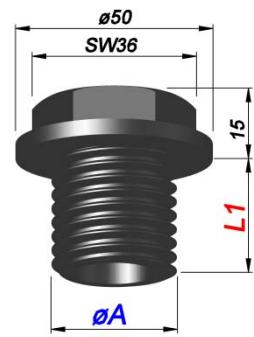
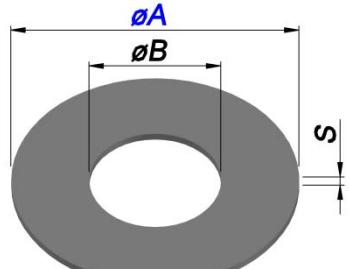
**Typ DD**

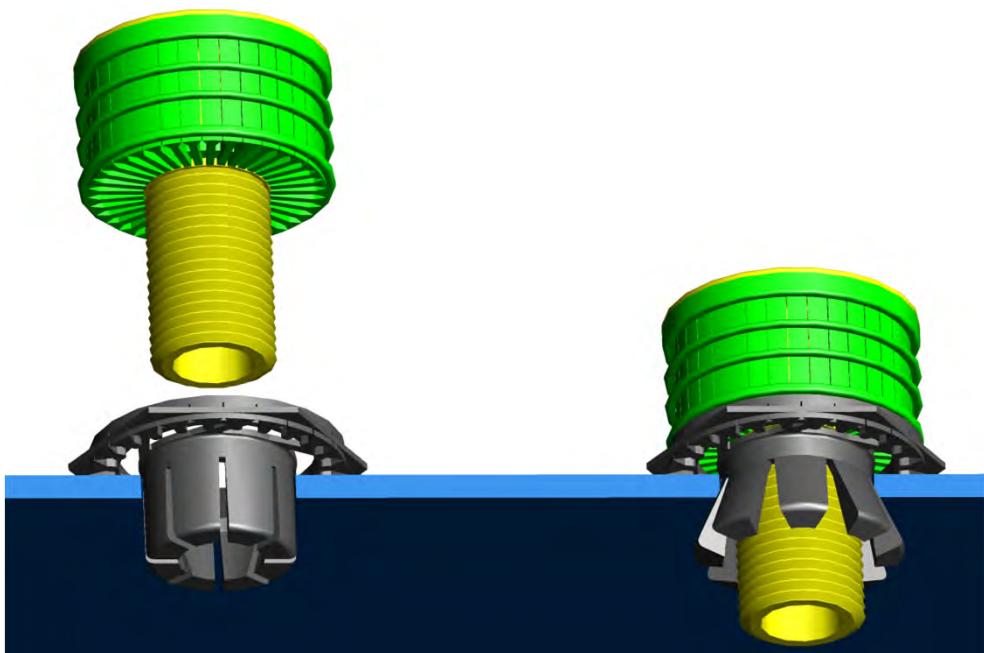
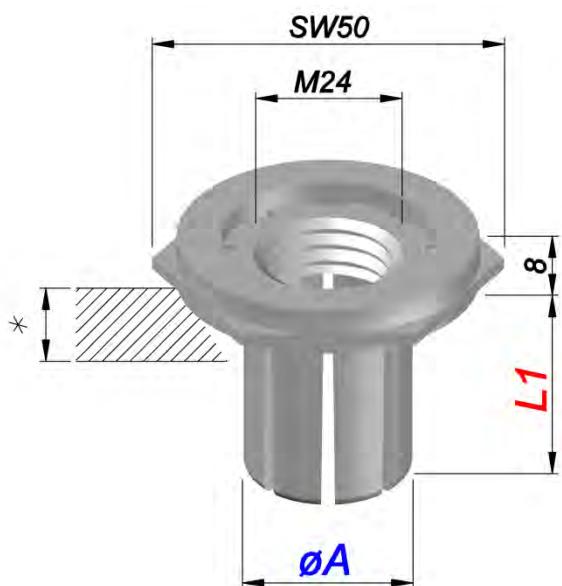
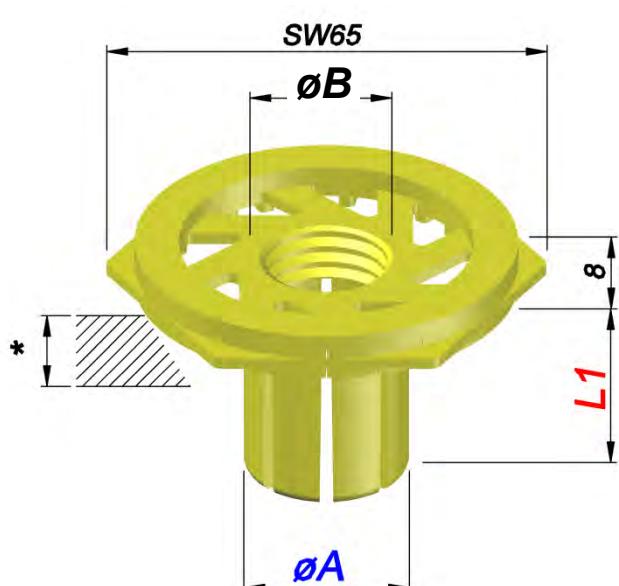


**SCR-0,2- Ø \*mm**

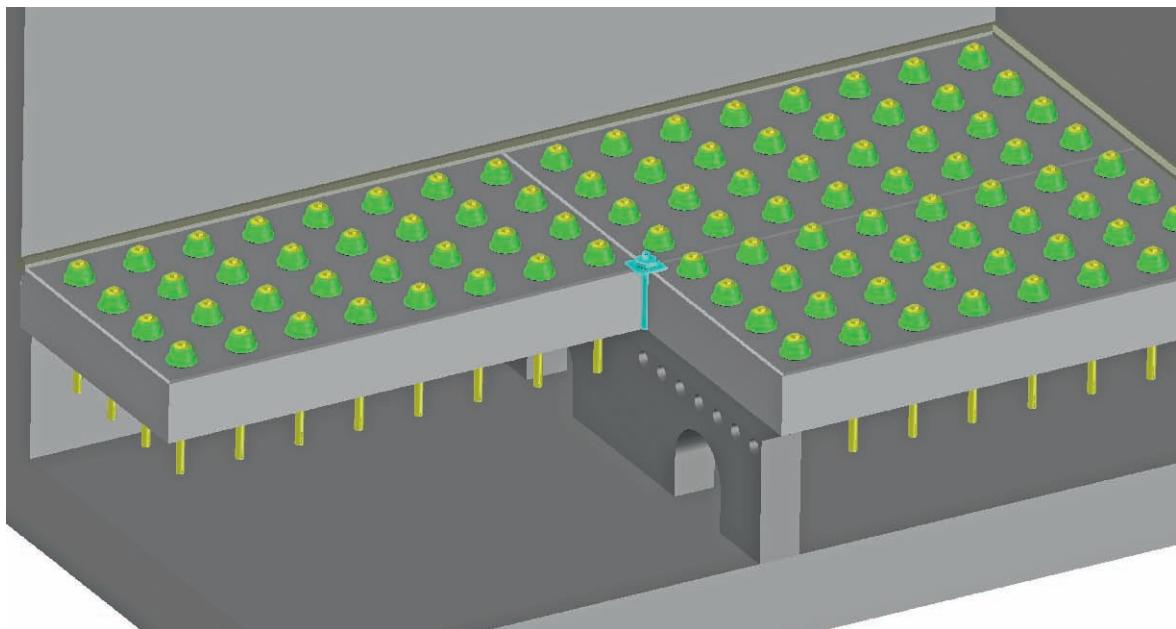


**DD-0,2/0,2- \*mm**

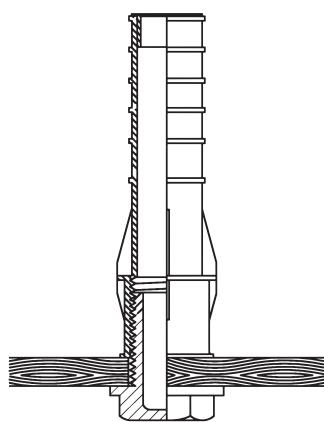
Muttern und Scheiben	Nuts and Washers	Ecrous et joints	Tuerca y Arandela			
<b>Typ MU43</b>		Bestellung Ordering Commande Encargo	Typ Type Type Típica	Gewinde Thread Filetage Rosca	<b>ØA</b>	
			<b>MU43</b>	1"WW M24 M22x1,5 M20	G1/2" G3/8"	
<b>Typ MU60</b>		Bestellung Ordering Commande Encargo	Typ Type Type Típica	Gewinde Thread Filetage Rosca	<b>ØA</b>	
			<b>MU60</b>	1 1/4"WW 1"WW G 3/4" M24 M22x1,5 M20		
<b>Typ MUZ</b>		Bestellung Ordering Commande Encargo	Typ Type Type Típica	Gewinde Thread Filetage Rosca	<b>ØA</b>	
			<b>MUZ</b>	M24	50	
				1 1/4"WW G 3/4" M24	60	
<b>Typ MU84</b>		Bestellung Ordering Commande Encargo	Typ Type Type Típica	Gewinde Thread Filetage Rosca	<b>ØA</b>	
			<b>MU84</b>	G 2" G 1 1/2"		
<b>Typ SR50</b>		Bestellung Ordering Commande Encargo	Typ Type Type Típica	Gewinde Thread Filetage Rosca	<b>ØA</b>	<b>L1</b>
			<b>SR50</b>	1 1/4"WW G 1" G 3/4" M24	32 33,25 26,5 24	...mm
<b>Typ DP</b> <b>Typ DG</b>		Bestellung Ordering Commande Encargo	Typ Type Type Típica	<b>ØA</b>	<b>ØB</b>	<b>S</b>
			<b>DP</b>	50	32; 30; 28; 25; 21 32; 25 32; 30; 25	2 5 7
			<b>DG</b>	70	32; 30; 28; 25; 21 32; 30; 28	2 7
				50 70 90	32; 28; 25; 21	EPDM (KTW)

**Dübel****Expanding  
ring (dowel)****Douilles  
expansives****Anillas de  
expansion****Typ DB50****Typ DB65**

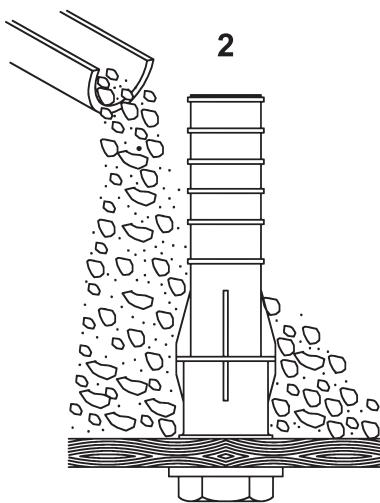
Bestellung Ordering Commande Encargo	Typ Type Type Típico	<b>ØA</b>	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	*	<b>L1</b>	Bestellung Ordering Commande Encargo	Typ Type Type Típico	<b>ØA</b>	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	*	<b>ØB</b>	<b>L1</b>
		<b>DB50</b>	ø28	8 - 12 - elfenbein / ivory	36	<b>DB65</b>	ø28	8 - 12 - elfenbein / ivory	M24	36		
				12 - 17 - grau / grey								
				17 - 22 - schwarz / black								
				22 - 27 - blau / blue								
									ø32	8 - 12 - elfenbein / ivory	M24	30
							ø38	12 - 17 - grau / grey				
								17 - 22 - schwarz / black				
								8 - 12 - elfenbein / ivory	1 1/4"WW	30		
								12 - 17 - grau / grey				
								17 - 22 - schwarz / black				

**Montagebeispiel****Installation  
procedure****Exemple de montage  
sur plancher béton****Ejemplo  
de montaje**

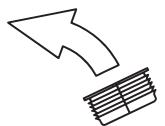
1



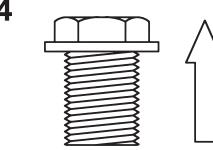
2



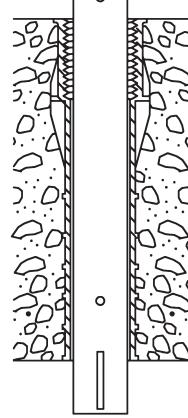
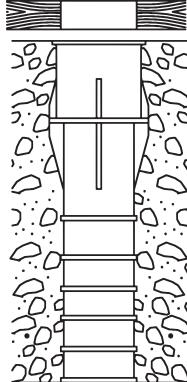
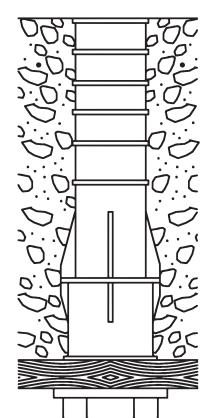
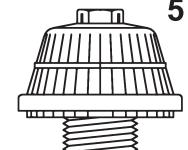
3



4



5

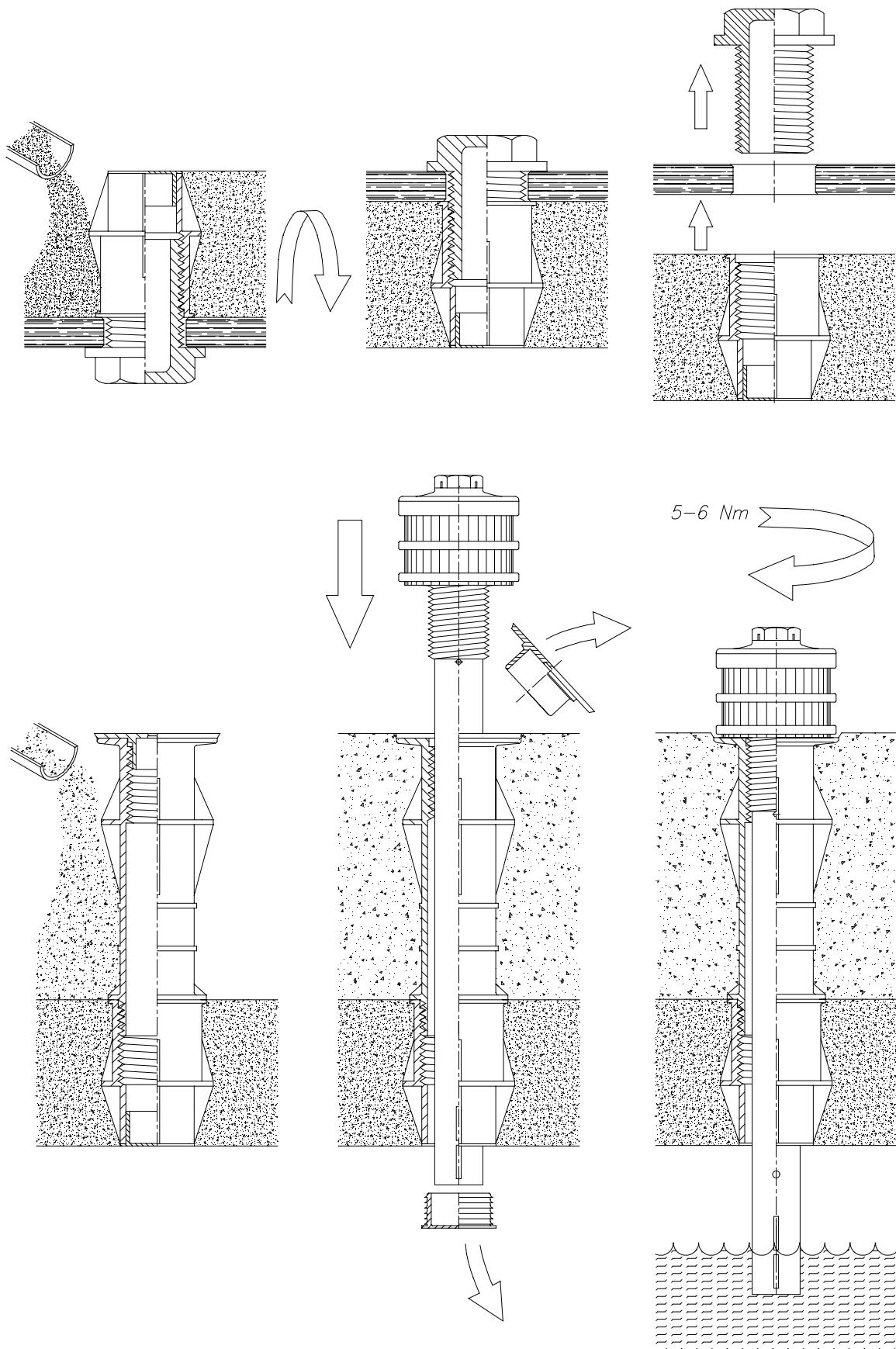


**Montagebeispiel  
II**

**Installation  
procedure**

**Exemple de montage  
sur plancher beton**

**Ejemplo  
de montaje**



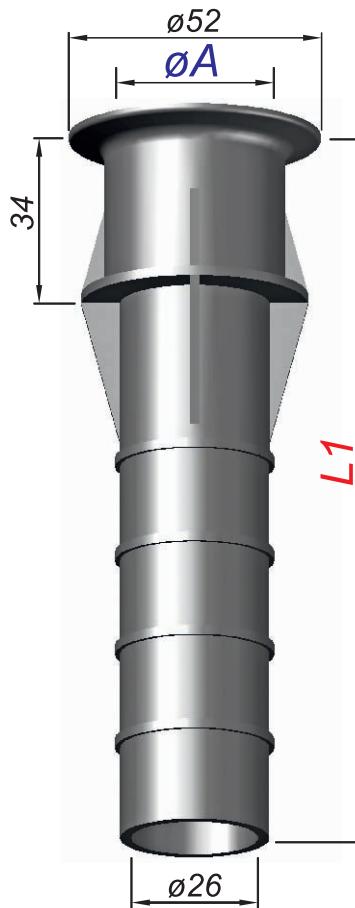
**Buchsen  
für Beton-  
Filterböden**

**Sleeves for  
concrete -  
floors**

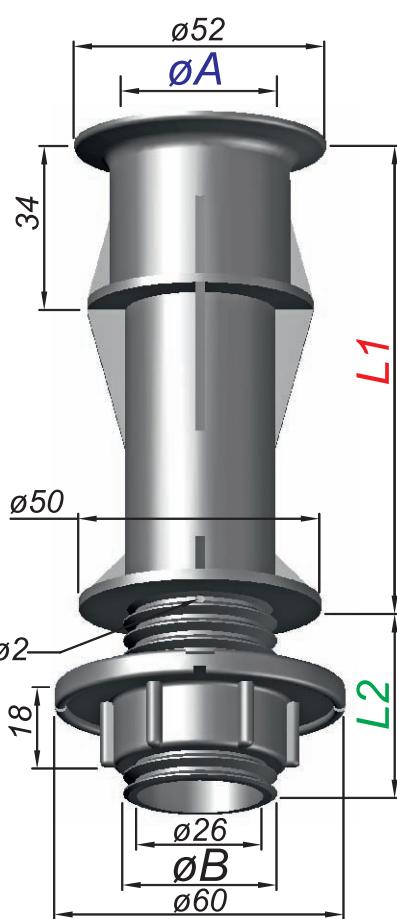
**Douilles et  
accessoires pour  
planchers béton**

**Casquillos para  
fondos de filtros  
de hormigon**

**Typ B32**

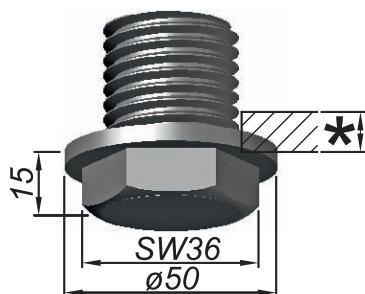


**Typ BM32**

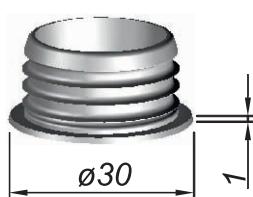


Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA	L1	Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA	ØB	L1	L2
	<b>B32</b>	1 1/4"WW 1"WW		60, +10, +10, ... - 500		<b>BM32</b>	1 1/4"WW	1 1/4"WW	60, +10, +10, ... - 500	40	

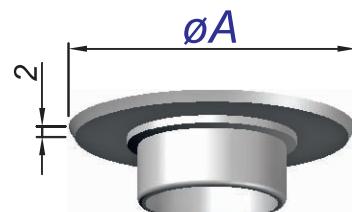
**Typ SR**



**Typ EA**



**Typ EG**



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	Bodenstärke plate thickness Epaisseur du plancher Espesor placa	*	Bestellung Ordering Commande Encargo	Typ Type Type Típico		Bestellung Ordering Commande Encargo	Typ Type Type Típico	ØA
	<b>SR</b>	1 1/4"WW 1"WW		= mm		<b>EA</b>			<b>EG50</b>	54
									<b>EG70</b>	71

Buchsen  
für Rohre

Special lateral  
sleeves

douilles pour tuyaux  
et planchers béton

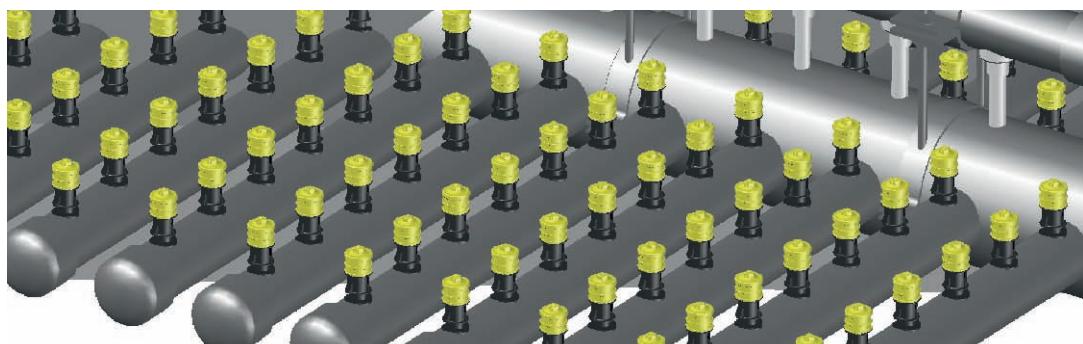
Casquillos  
para tubería

Montagebeispiel

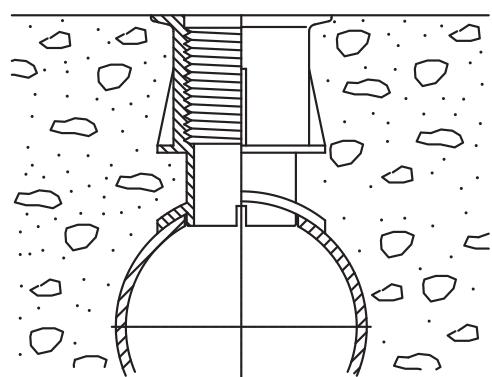
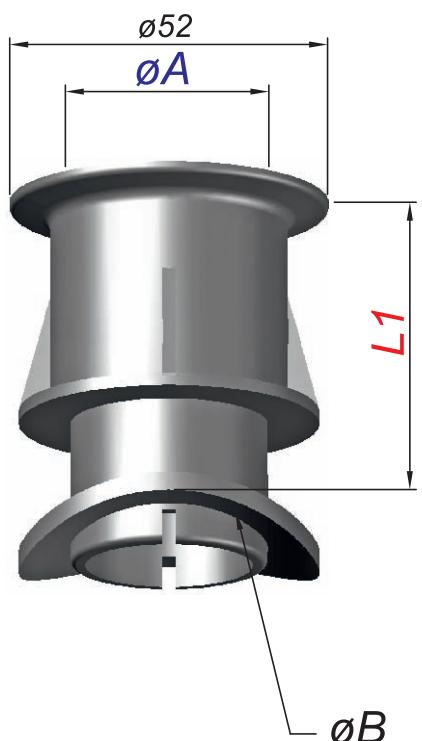
Installation  
procedure

Exemple  
de montage

Ejemplo  
de montaje



## Typ BR32



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	L1	ØB	Gewinde Thread Filetage Rosca	ØA
	BR32	15	90; 110	1 1/4"WW	
		50	75; 90; 110; 324		

Anschluß-  
armatur

Manifold  
head

Raccord pour  
bouteilles  
échangeuses d'ions

Racor Adaptador  
para Botellas de  
intercambio Iónico

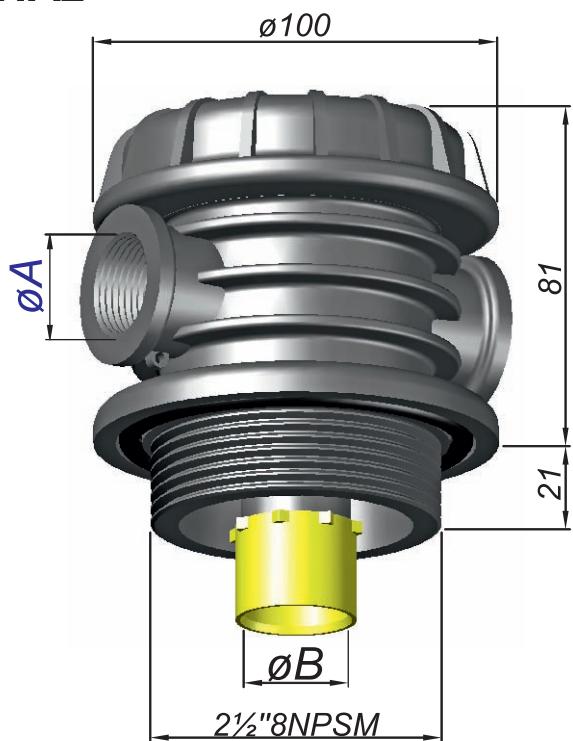
### Typ ANA2



P max. 8 bar – 120 PSI

T max. 45°C – 110° F

### Typ ANA2



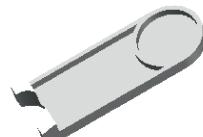
Bestellung Ordering Commande Encargo	Typ Type Type Típa	ØA	ØB = mm
	ANA2	1/4"NPT G 3/4" 3/4"NPT	1" Ø 25,4 13/16 Ø 20,64 1,05" Ø 26,67 25 Ø 25,2

### Typ ANA-S



Bestellung Ordering Commande Encargo	Typ Type Type Típa	
	ANA-S	

### Typ ANA-K



Bestellung Ordering Commande Encargo	Typ Type Type Típa	
	ANA-K	

Anschluß-  
armatur

Manifold  
head

Raccord pour  
bouteilles  
échangeuses d'ions

Racor Adaptador  
para Botellas de  
intercambio Iónico

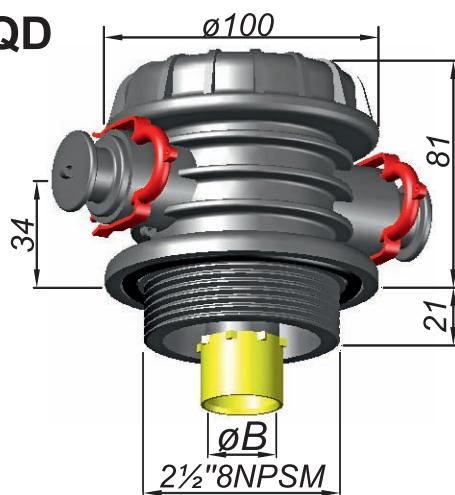
### Typ ANA2-QD



P max. 8 bar – 120 PSI

T max. 45°C – 110°F

### Typ ANA2-QD



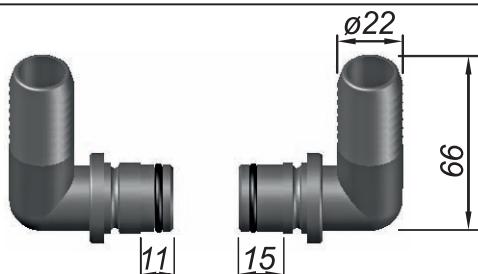
Bestellung Ordering Commande Encargo	Typ Type Type Típa	ØB	= mm
		1"	Ø 25,4
		13/16	Ø 20,64
		1,05"	Ø 26,67
		25	Ø 25,2

### Typ QD-G3/4"



Bestellung Ordering Commande Encargo	Typ Type Type Típa	ØA
		QD-G3/4"

### Typ QDHE



Bestellung Ordering Commande Encargo	Typ Type Type Típa	Ø22
		QDHE

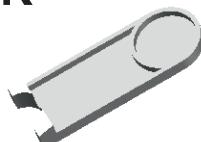
### Typ ANA-S



Bestellung Ordering Commande Encargo	Typ Type Type Típa

ANA-S

### Typ ANA-K



Bestellung Ordering Commande Encargo	Typ Type Type Típa

ANA-K

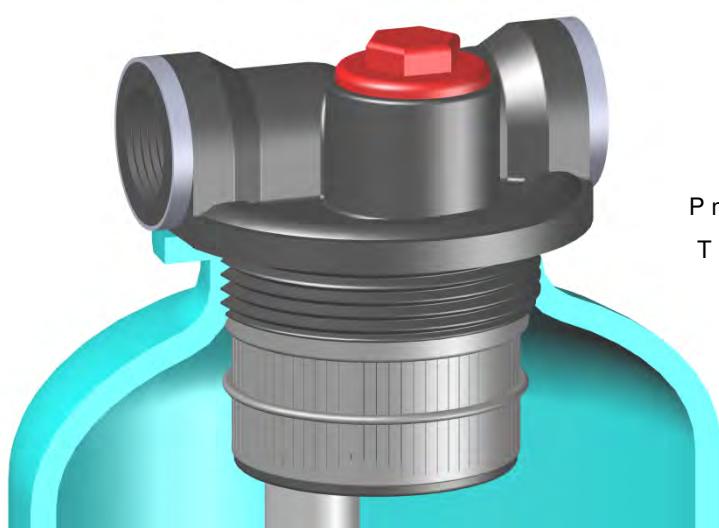
**Anschuß-  
armatur**

**Manifold  
head**

**Raccord pour  
bouteilles  
échangeuses d'ions**

**Racor Adaptador  
para Botellas de  
intercambio Iónico**

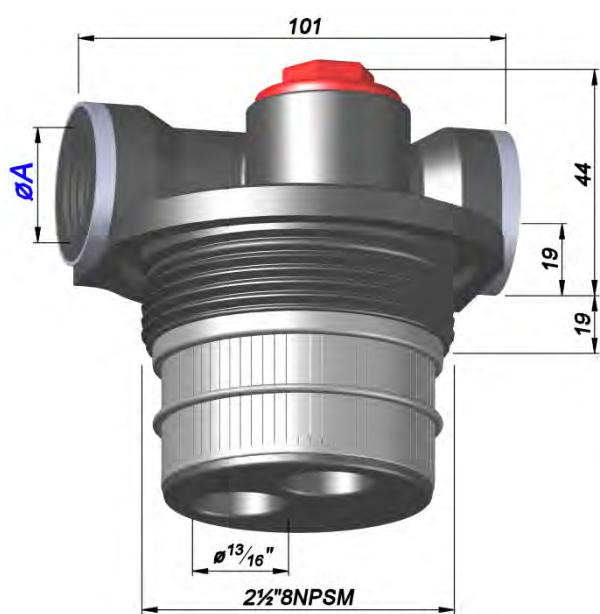
**Typ ANA3**



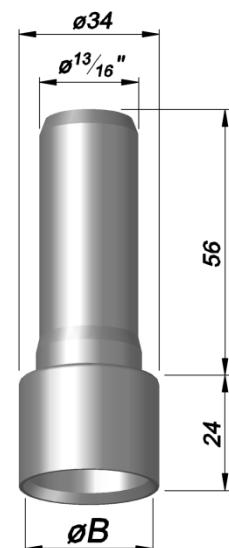
P max. 8 bar – 120 PSI

T max. 45 °C – 110 °F

**Typ ANA3**



**Typ RA-L**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	ØA	Schlitz Slots Fentes Ranuras
	<b>ANA3</b>	G 3/4" 3/4"NPT	0,2 0,3 0,5

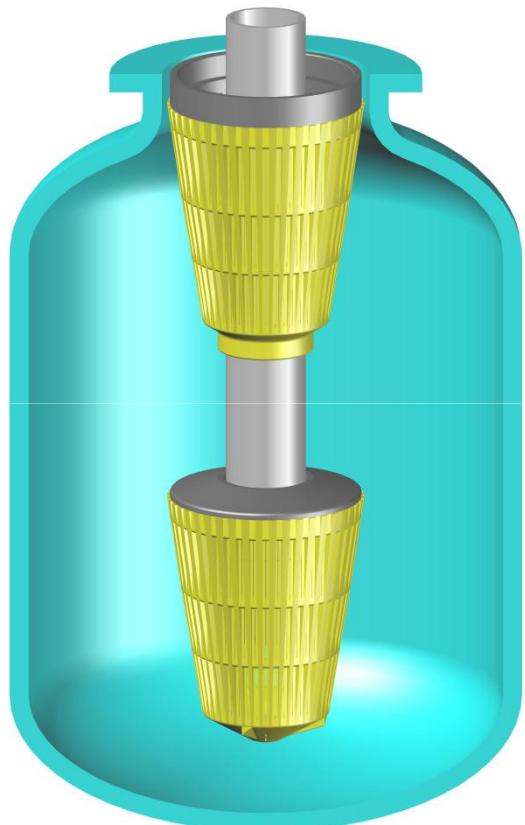
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	ØB = mm	
	<b>RA-L</b>	25	Ø 25,2

**Filterdüsen-  
für Düsenstab**

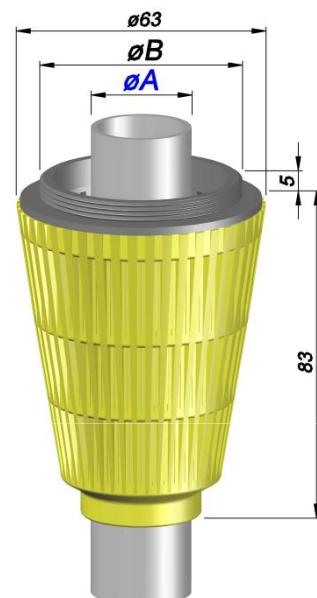
**Filter-Nozzles  
for Distributor**

**Crépines pour  
distributeur**

**Toberas  
de distribucion**

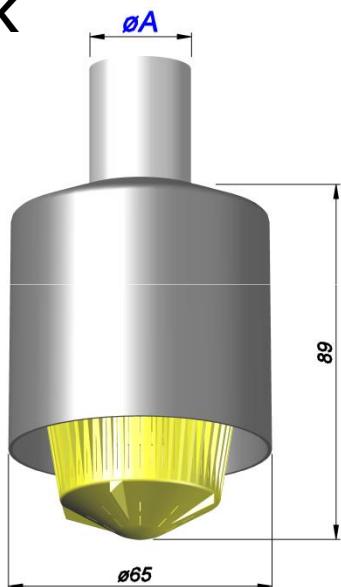


**Typ GDO**

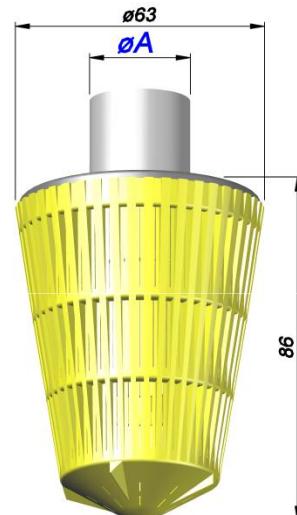


Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitte Slots Fentes Ranuras	ØB	ØA	=mm
	GDO	0,2 = 5,22cm <sup>2</sup>	2"20 Ø 60,5 Ø 60 QD	32 13/16 1" 1,05" 25	Ø 32 Ø 20,64 Ø 25,4 Ø 26,67 Ø 25,2

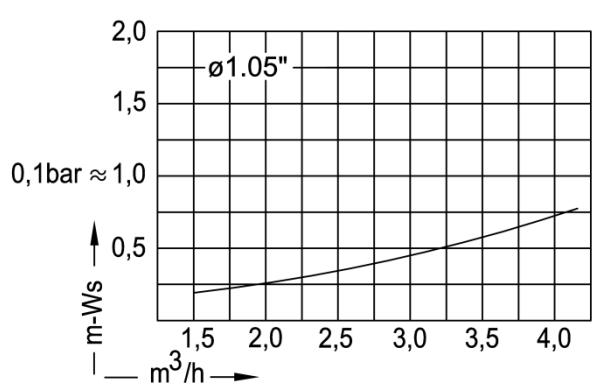
**Typ GDUK**



**Typ GDU**



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitte Slots Fentes Ranuras	ØA	=mm
	GDU GDUK	0,2 = 5,22cm <sup>2</sup>	1" 13/16 1,05" 25 1/2"	Ø 25,4 Ø 20,64 Ø 26,67 Ø 25,2 Ø 21,4

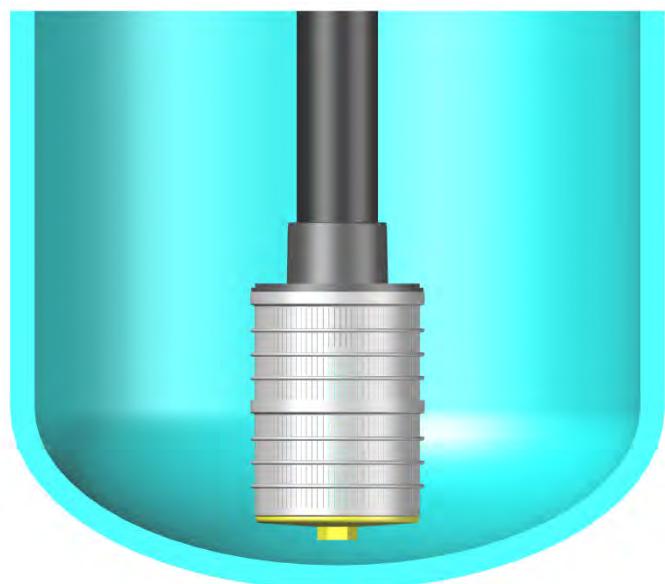


**Filterdüsen-  
für Düsenstab**

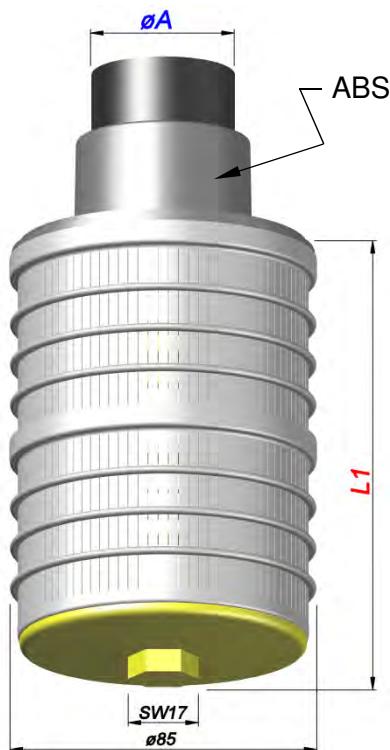
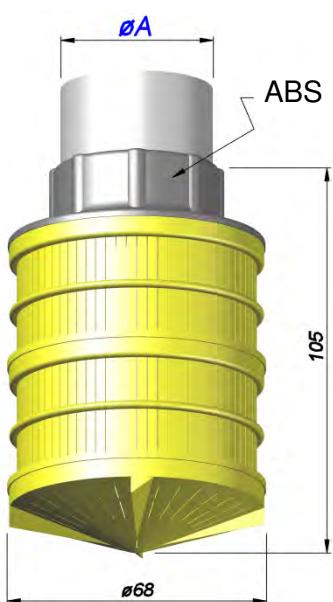
**Filter-Nozzles  
for Distributor**

**Crépines pour  
distributeur**

**Toberas  
de distribucion**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	ØA
	<b>GLU</b>	0,2 0,3 0,5	3/4"NPT Ø 24,4



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	ØA	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	ØA	Länge Length Longueur Largura	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	ØA
	<b>GWU</b>	0,2 = 6,91 cm <sup>2</sup> 0,3 = 11,03 cm <sup>2</sup> 0,5 = 17,94 cm <sup>2</sup>	Ø32 Ø40		<b>GRU</b>	0,2 0,5 0,63	ø 40 ø 50 ø 63	73 ; 126		<b>GCU</b>	0,2 0,3 0,5	3/4"NPT Ø 24,4

## Entleerungs- Entnahme-Filterdüsen

## Drain- Nozzles

## Crépines de draînage

## Toberas de drenaje

Montagebeispiel

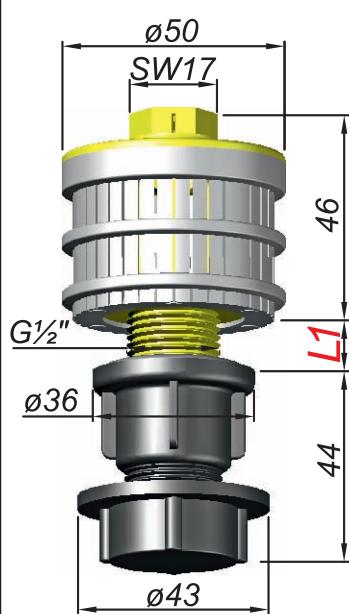
Installation  
procedure

Exemple  
de montage

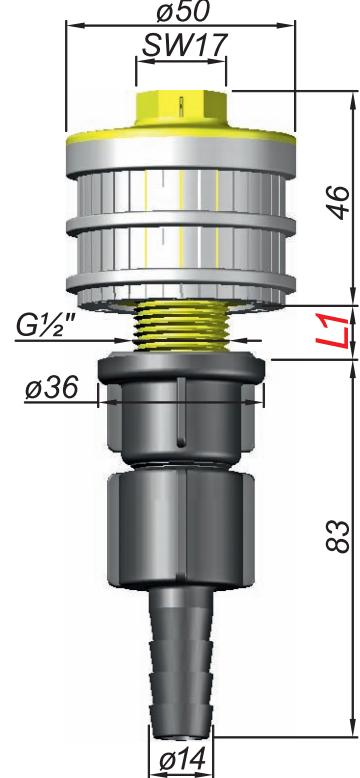
Ejemplo  
de montaje



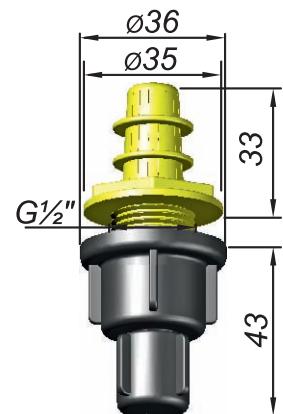
**Typ EDK**



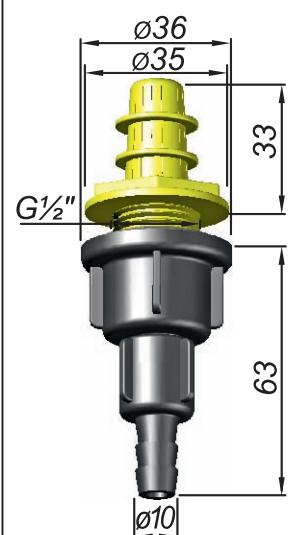
**Typ ED**



**Typ EHK**



**Typ EH**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Bodenstärke Plate thickness Epaisseur du plancher Espesor placa	L1	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	<b>ED</b> <b>EDK</b>	36 x 0,2 = 1,37 cm <sup>2</sup> 36 x 0,5 = 3,42 cm <sup>2</sup>	Nach Angabe according detail selon détails adecuado detalle			<b>EHK - 0,2</b>		<b>EH - 0,2</b>

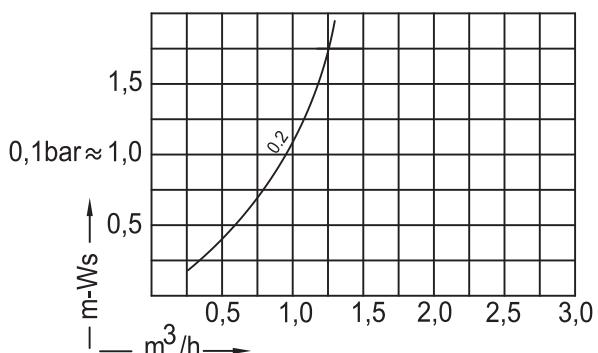
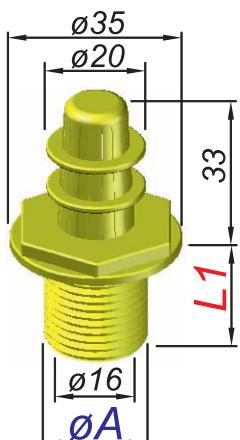
## Entleerungs- Entnahme-Filterdüsen

## Drain- Nozzles

## Crépines de draînage

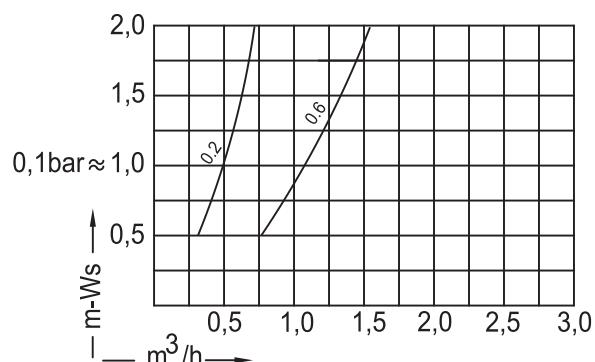
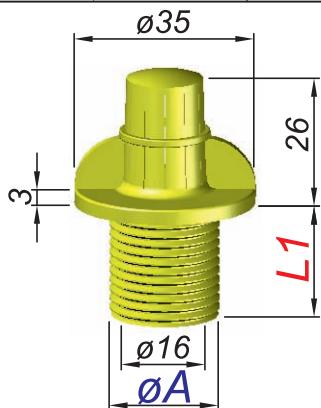
## Toberas de drenaje

### Typ E



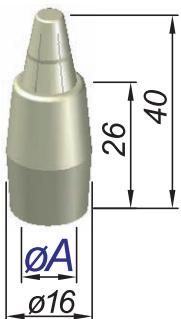
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	Gewindelänge Thread length Longueur de filetage Largura de la rosca
	<b>E</b>	0,2 = 1,0cm²	G 1/2"	8
			G 3/4"	17

### Typ E2



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	Gewindelänge Thread length Longueur de filetage Largura de la rosca
	<b>E2</b>	0,2 = 0,28cm² 0,6 = 0,84cm²	G 1/2" 7/8"WW	22 16

### Typ ES10



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	ØA
	<b>ES10</b>	0,2	6
			8
			10

**Verteiler**

**distributor**

**Distributeur**

**Distribuidor**

Montagebeispiel

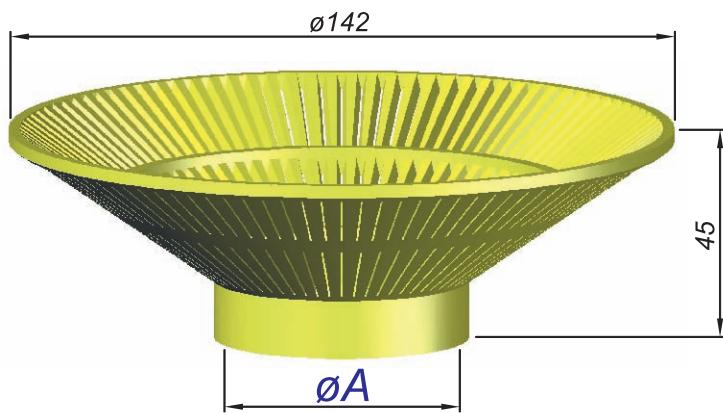
Installation  
procedure

Exemple  
de montage

Ejemplo  
de montaje

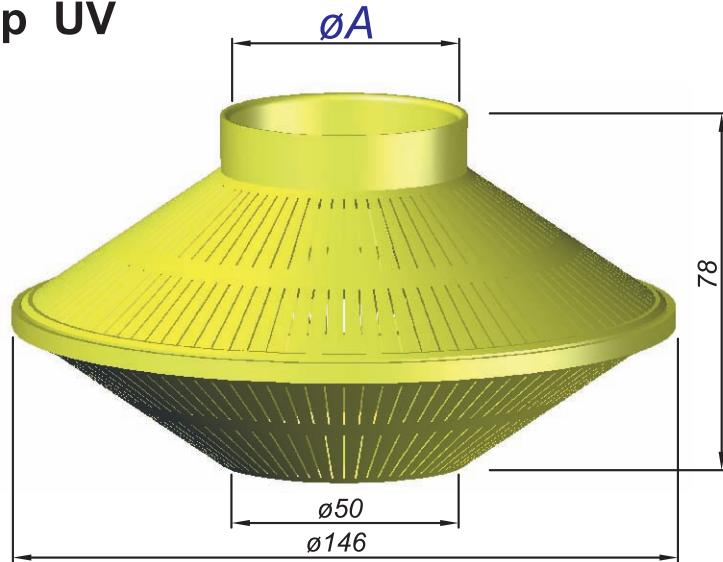


### **Typ OV**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	$\varnothing A$
	<b>OV</b>	0,25	$\varnothing 1,9"$ $\varnothing 50$

### **Typ UV**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	$\varnothing A$
	<b>UV</b>	$0,25 = 17,96 \text{ cm}^2$	$\varnothing 1,9"$ $\varnothing 50$

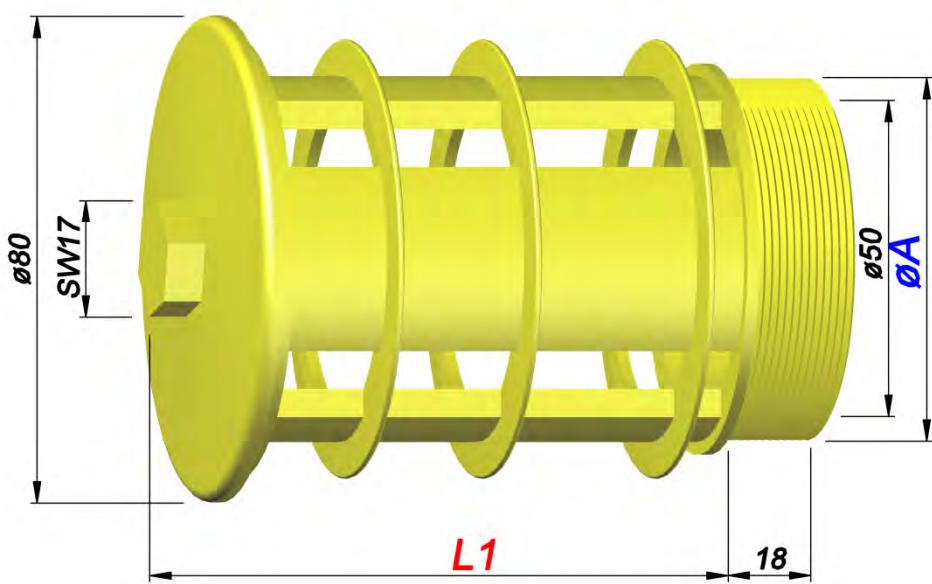
Obere Verteiler

Top distributor

Distributeur supérieur

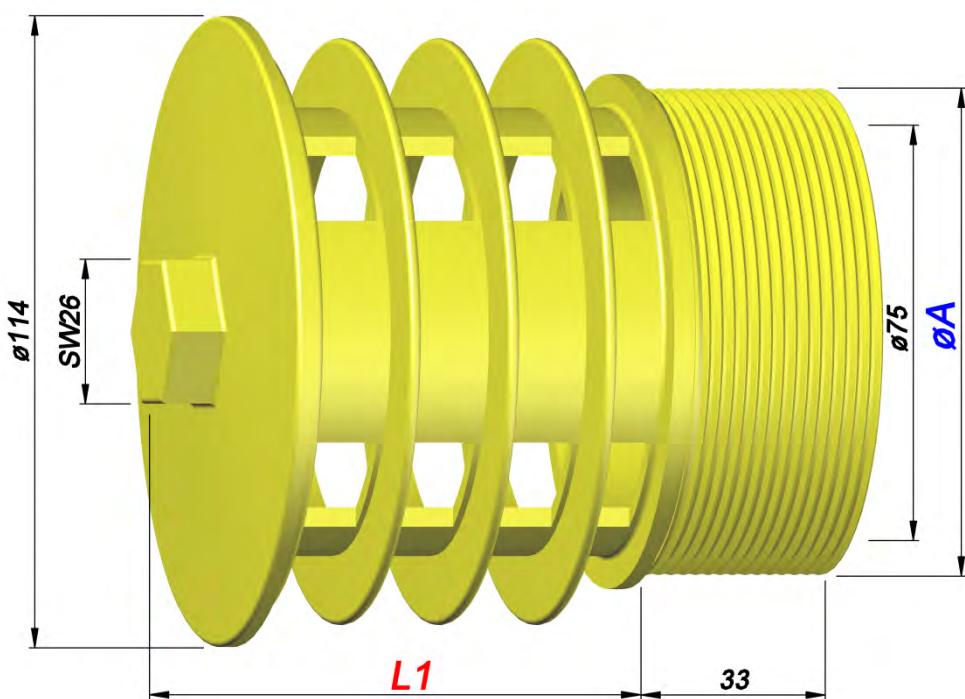
Distribuidor superior

R2P



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	$\varnothing A$	Gewindelänge Thread length Longueur de filetage Largura de la rosca
	<b>R2P</b>	G 2"	L1	42, 95, 155

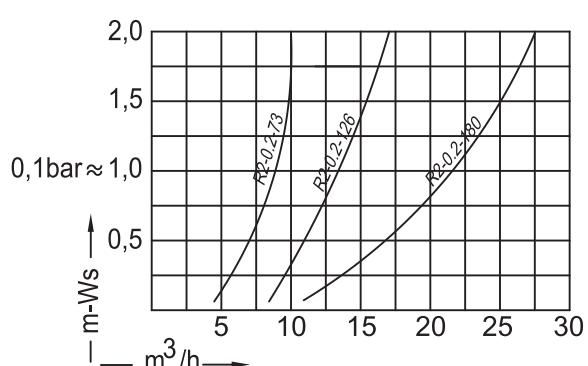
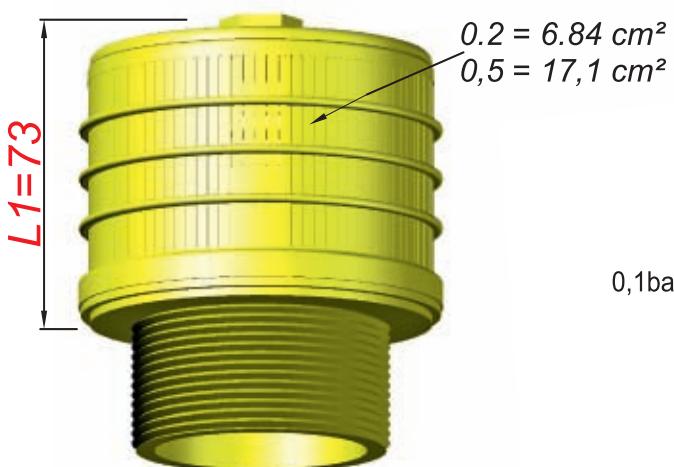
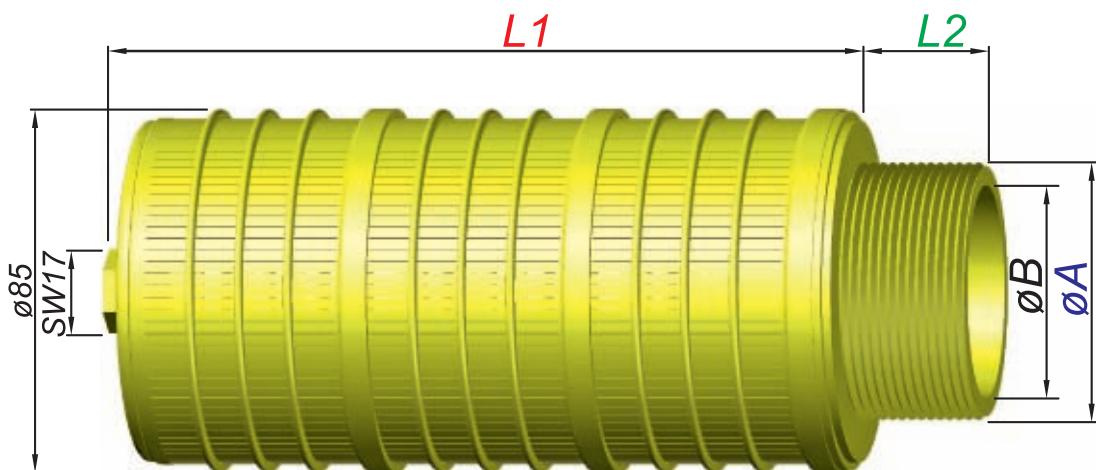
R3P



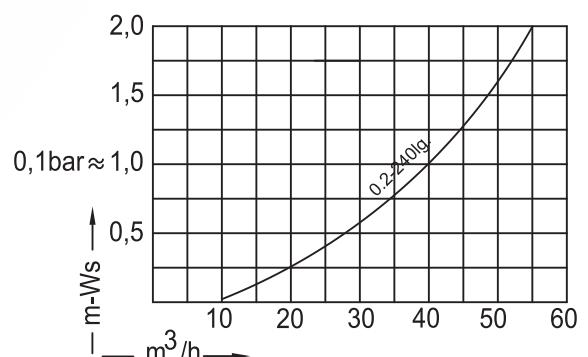
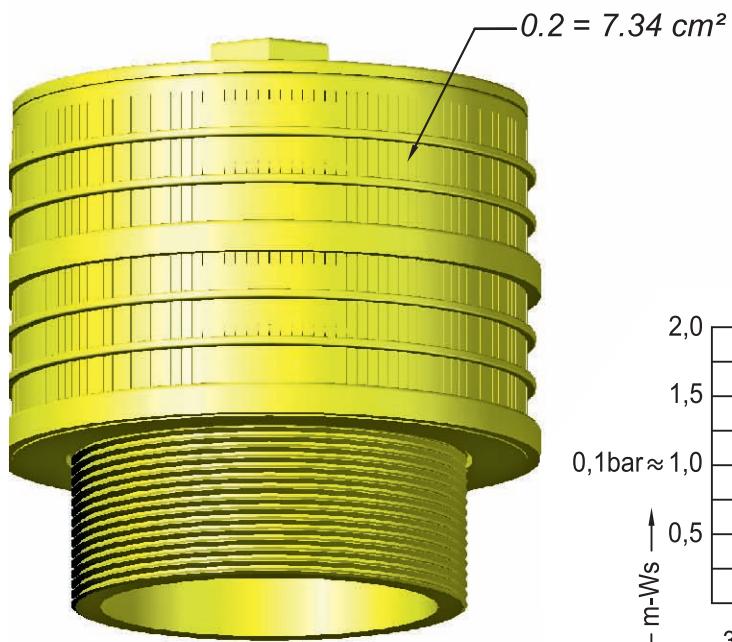
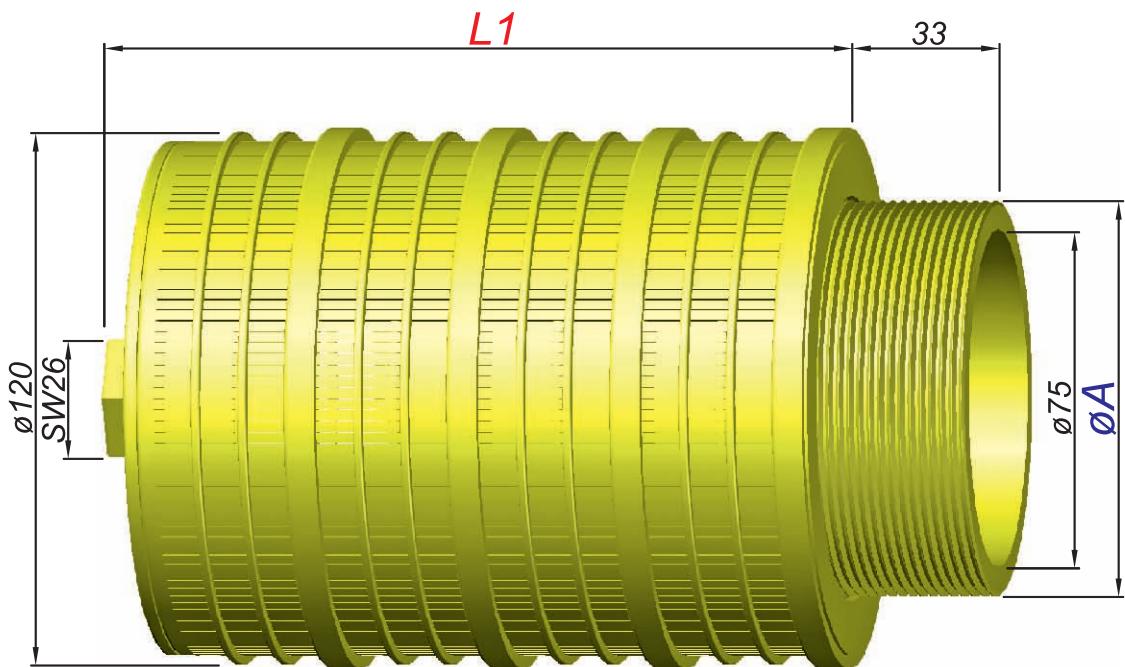
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	$\varnothing A$	Länge Length Longueur Largura
	<b>R3P</b>	G 3" 3" NPT 4" 8UN	L1	96, 168, 240

**Filterdüsen**    **Filter-Nozzles**    **Crépines à filtre**    **Toberas filtrantes**

**Typ R2**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	$\varnothing A$	$\varnothing B$	$L_2$	Kopflänge Headlength Longueur de tête Longitude de la cabeza	$L_1$
<b>R2</b>	0,2	G 2"	$\varnothing 50$	30, 55		73, 126, 180, 231, 284, 338, 389, 442, 496, 547, 600, 654, 705,	
		G 1½"	$\varnothing 38$	30, 55			
		G 2"	1 1/4"NPT	30			
		G 2"	1 1/2"NPT	30			
		Ø 68	G 2"	30			
		1 1/2"NPT	1 1/4"NPT	30			
		2 ½" 8NPSM	Ø60	20			
44						758, 812, 863, 916, 970, 1021, 1074, 1128, 1179, 1232, 1286	

**Filterdüsen****Filter-Nozzles****Crépines à filtre****Toberas filtrantes****Typ R3**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	$\varnothing A$	Kopflänge Headlength Longueur de tête Longitude de la cabeza	L1
	<b>R3</b>	0,2 0,5	G 3" 3"NPT 4" 8UN	168, 240, 312, 384, 456, 528, 600, 672, 744, 816, 888, 960, 1032, 1104, 1176, 1248, 1320 ...	

Anfahrentlüfter und  
Vacuumbrecher  
(Belüfter)

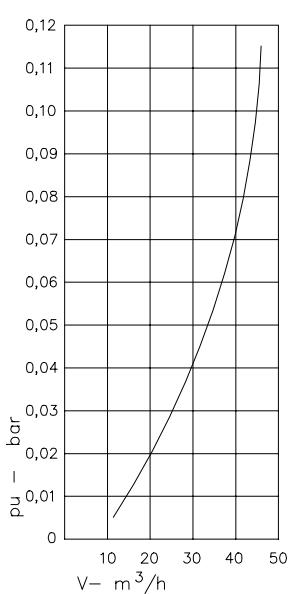
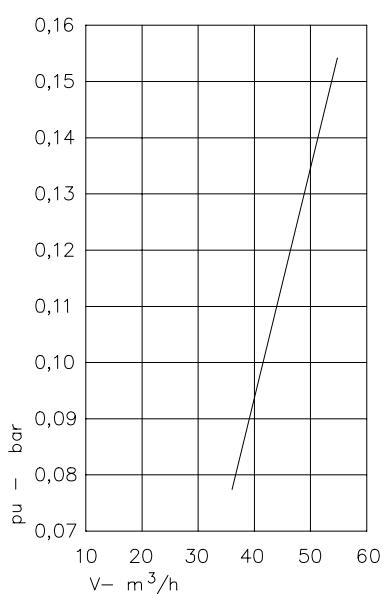
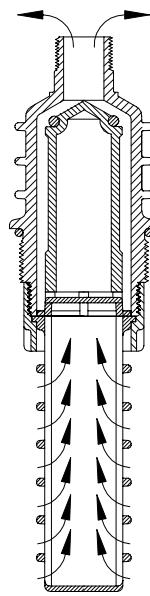
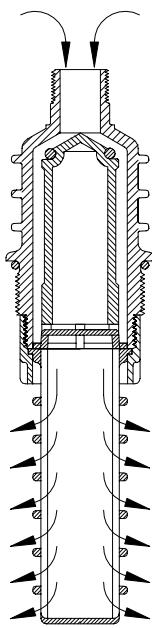
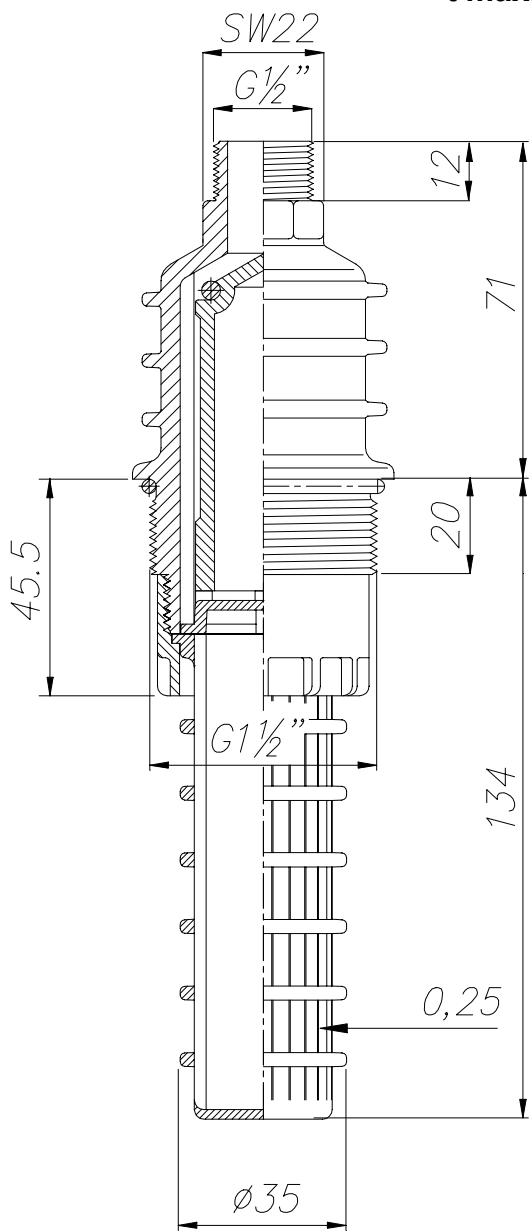
Aeration  
valve

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 Material
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BEL

PP GV30S  
PVDF

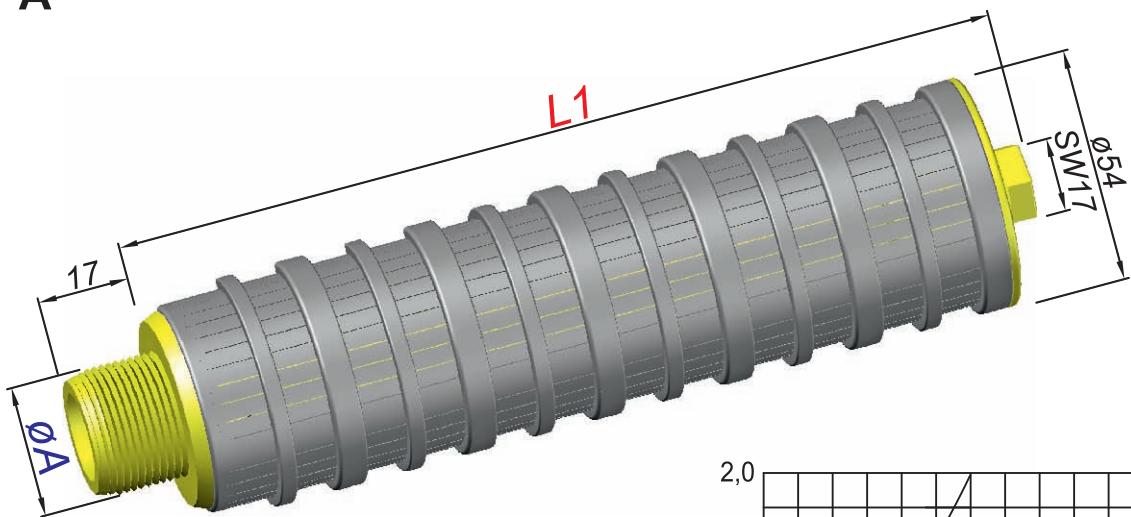
## Filterdüsen-Arme

## Filter-Nozzles Arms

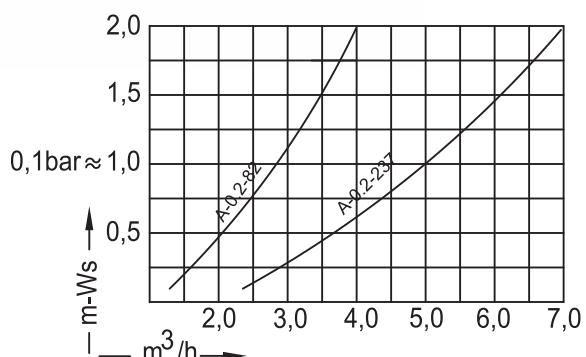
## Crépines bras

## Brazos de toberas a filtro

### Typ A



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca
	A	0,2 0,5 1,0 2,0	M30x2 3/4"NPT G 3/4" G 1"



A	SG6	SK6	SO6	SO8	SK8	SK6F	SK8F
Länge Length Longueur Largura	L1						
				Ø = mm			
82	259	258	258				
113	321	316	316				
144	383	374	374				
175	445	432	432				
206	507	491	491	520	520	491	520
237	569	549	549	580	580	549	580
268	631	607	607	640	640	607	640
299	693	665	665	699	699	665	699
330	755	724	724	759	759	724	759
361	817	782	782	819	819	782	819
392	879	840	840	879	879	840	879
423	941	898	898	939	939	898	939
454	1003	957	957	999	999	957	999
485	1065	1015	1015	1059	1059	1015	1059
516	1127	1073	1073	1119	1119	1073	1119
547	1189	1131	1131	1179	1179	1131	1179
578	1251	1189	1189	1239	1239	1189	1239
609	1313	1247	1247	1299	1299	1247	1299
640				1359	1359	1305	1359
671				1419	1419	1363	1419
702				1479	1479	1421	1479
733				1539	1539	1479	1539
764				1599	1599	1537	1599
795				1659	1659	1595	1659

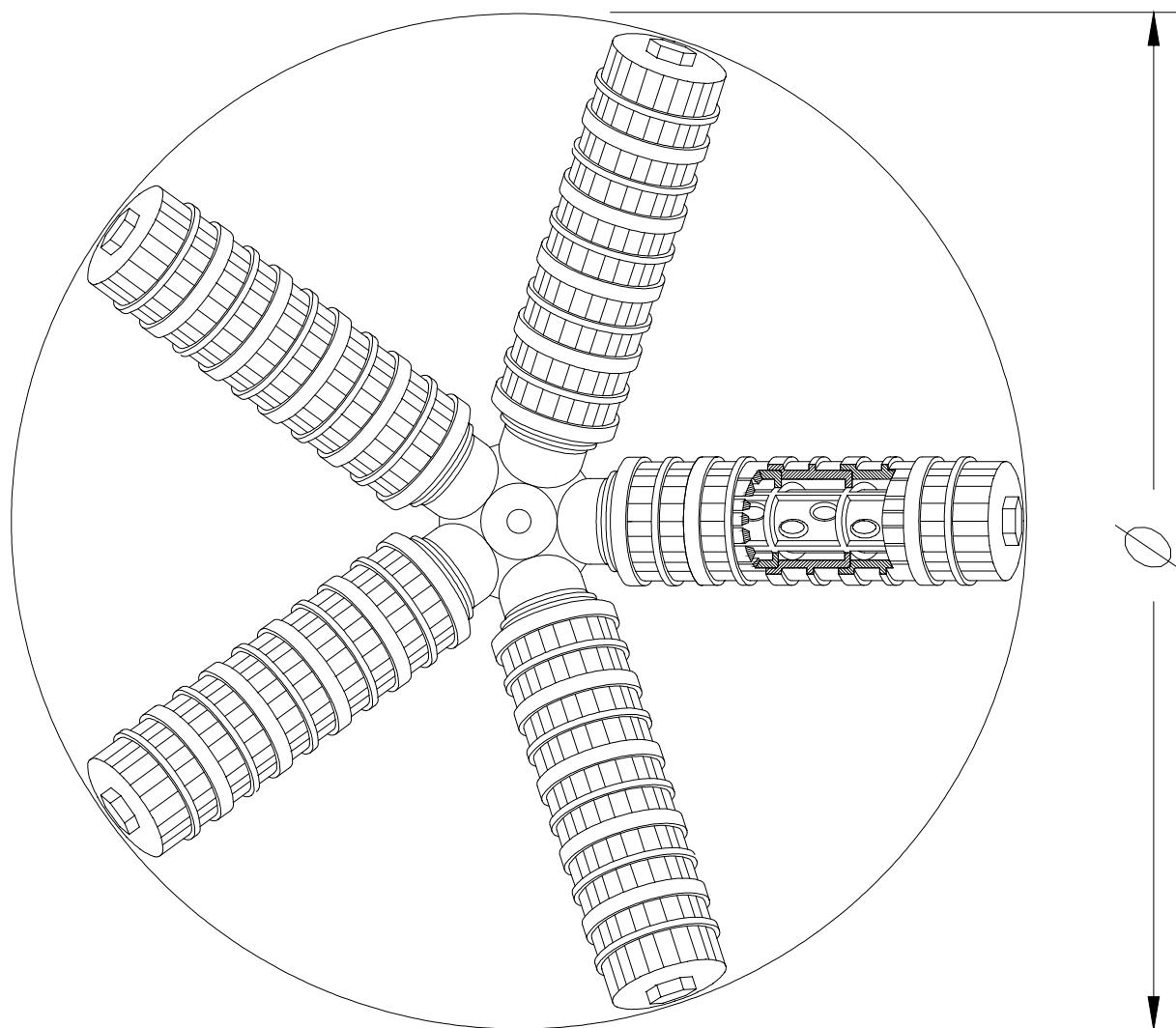
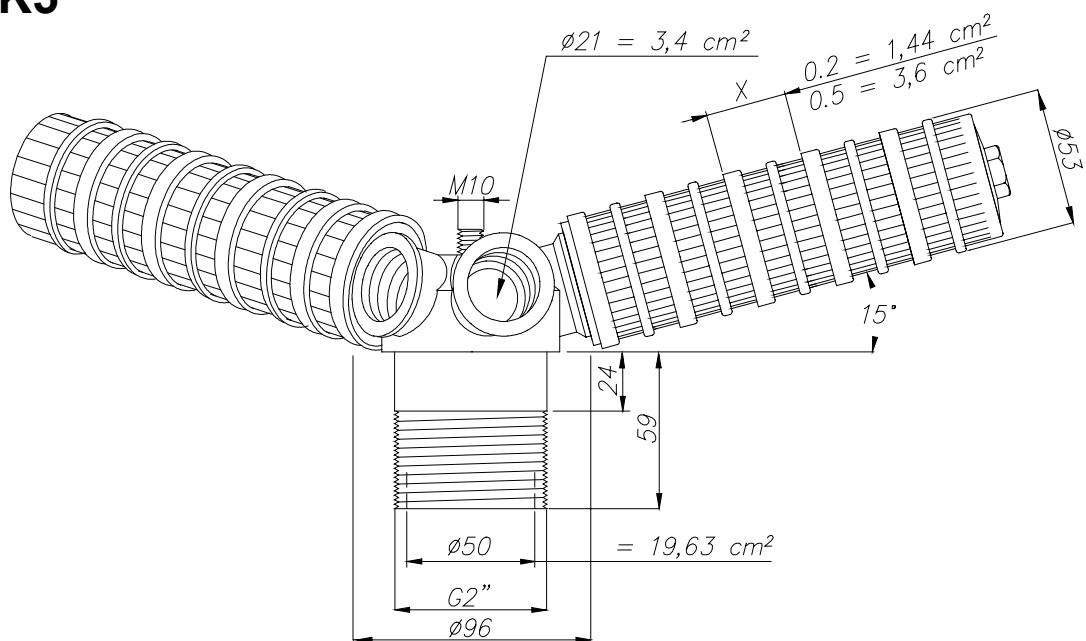
**Filterdüsen-Sterne  
mit 5 Armen**

**Filter-Nozzles-Stars  
with 5 arms**

**Crepines étoiles  
avec 5 bras**

**Estrellas para  
tuberías a filtro  
con 5 brazos**

## **Typ SK5**



## Filterdüsen-Sterne mit 5 Armen

## Filter-Nozzles-Stars with 5 arms

## Crepines étoiles avec 5 bras

## Estrellas para toberas a filtro con 5 brazos

	Bestellung Ordering Commande Encargo	Typ Type Type Típico	L1
	MSK5	59	

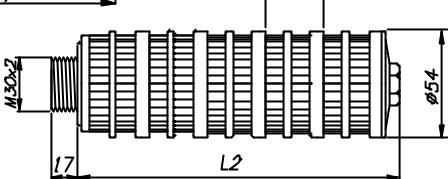
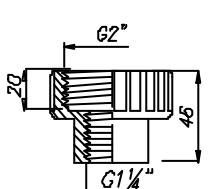
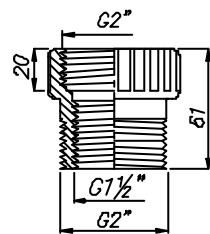
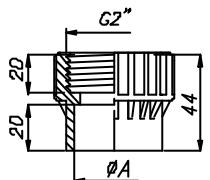
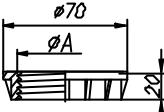
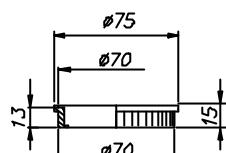
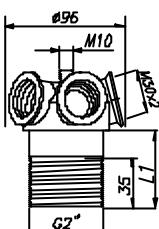
	Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlüsse Slots Fentes Ranuras
	ER	0,2	

	Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	MU2"	G 1 1/4" G 1 1/2" G 2"	

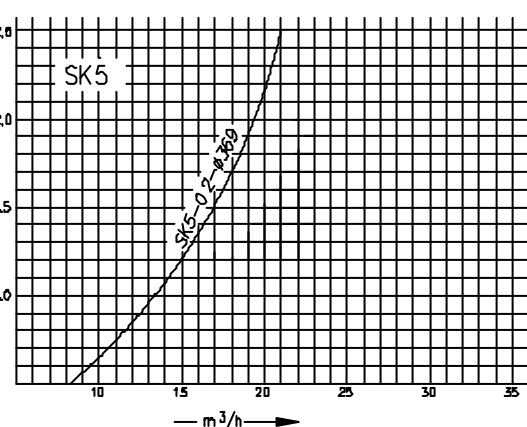
	Bestellung Ordering Commande Encargo	Typ Type Type Típico	$\varnothing A$	Material Material Materiale Material
	GR2"	40 50 60,3 63	PVC	

	Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	GR2"	G 1 1/2"	

	Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	GR2"	G 1 1/4"	



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlüsse Slots Fentes Ranuras	X	L2 = Ø mm
	0,2 / 0,5	2 x	82	= Ø 249
	0,2 / 0,5	3 x	113	= Ø 309
	0,2 / 0,5	4 x	144	= Ø 369
	0,2 / 0,5	5 x	175	= Ø 429
	0,2 / 0,5	6 x	206	= Ø 489
	0,2 / 0,5	7 x	237	= Ø 549
	0,2 / 0,5	8 x	268	= Ø 608
	0,2 / 0,5	9 x	299	= Ø 668
	0,2 / 0,5	10 x	330	= Ø 728
	0,2 / 0,5	11 x	361	= Ø 788
	0,2 / 0,5	12 x	392	= Ø 848
	0,2 / 0,5	13 x	423	= Ø 908
	0,2 / 0,5	14 x	454	= Ø 968
	0,2 / 0,5	15 x	485	= Ø 1028
	0,2 / 0,5	16 x	516	= Ø 1088
	0,2 / 0,5	17 x	547	= Ø 1147
II / II		↓ +1		↓ +31



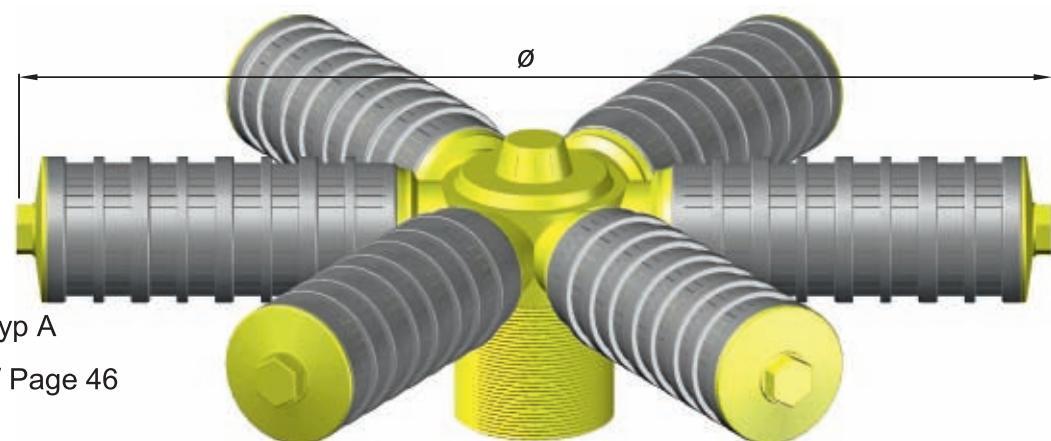
**Filterdüsen-Sterne  
mit 6 Armen**

**Filter-Nozzles-Stars  
with 6 arms**

**Crépines  
étoiles  
à 6 bras**

**Estrellas para  
toberas a filtro  
con 6 brazos**

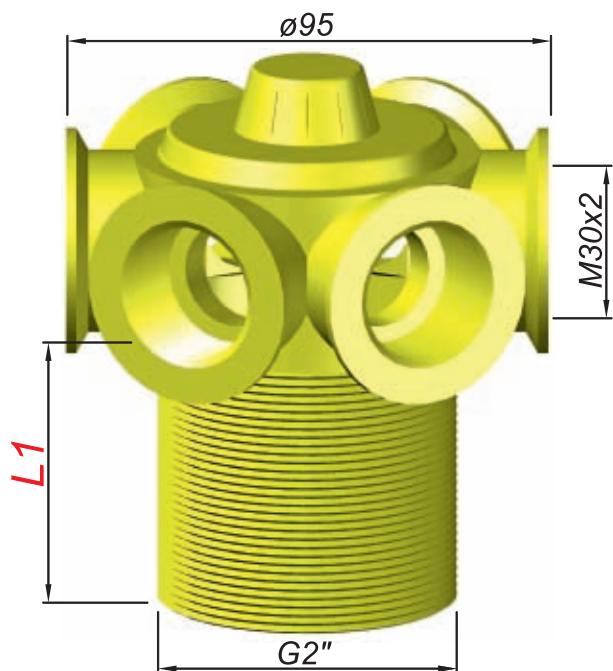
**Typ SG6**



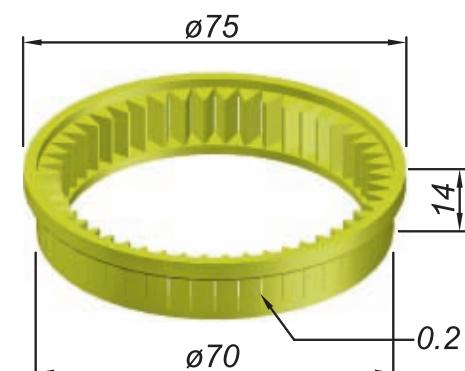
Typ A

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**Typ MSG6**

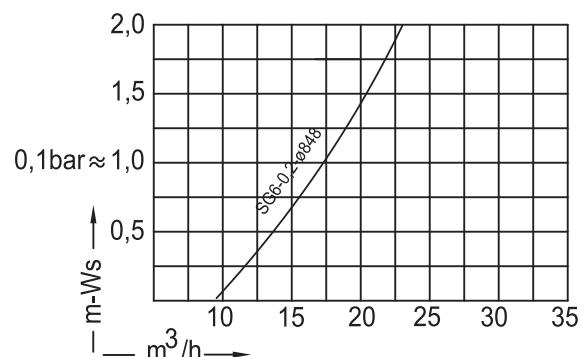


**Typ ER**



Bestellung Ordering Commande Encargo	Typ Type Type Típico
	<b>ER</b>

Bestellung Ordering Commande Encargo	Typ Type Type Típico	<b>L1</b>
	<b>MSG6</b>	25 55

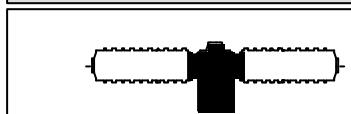


## Filterdüsen-Sterne mit 6 Armen

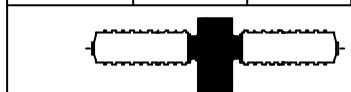
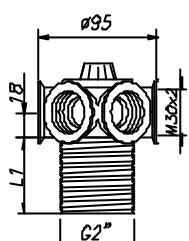
## Filter-Nozzles-Stars with 6 arms

## Crepines étoiles avec 6 bras

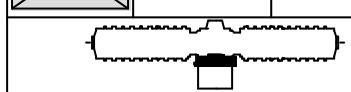
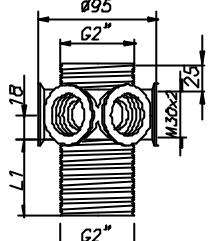
## Estrellas para toberas a filtro con 6 brazos



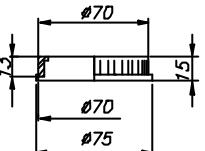
Bestellung Ordering Commande Encargo	Typ Type Type Típico	L1
	<b>MSG6</b>	25 55



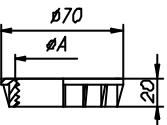
Bestellung Ordering Commande Encargo	Typ Type Type Típico	L1
	<b>MSG6A</b>	25 55



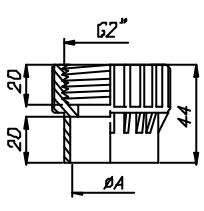
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitz Slots Fentes Ranuras
	<b>ER</b>	0,2



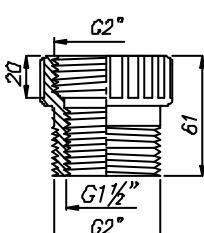
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	$\varnothing A$
	<b>MU2"</b>	G 1 1/4" G 1 1/2" G 2"	



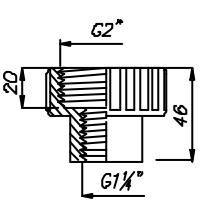
Bestellung Ordering Commande Encargo	Typ Type Type Típico	$\varnothing A$	Material Material Materiale Material
	<b>GR2"</b>	40 50 60,3 63	PVC



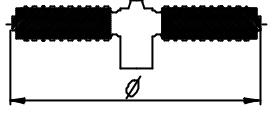
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	
	<b>GR2"</b>	G 1 1/2"	



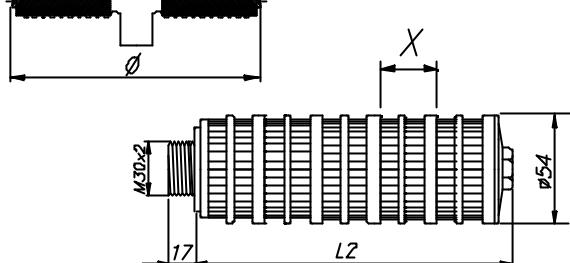
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	
	<b>GR2"</b>	G 1 1/4"	



## Crepines étoiles avec 6 bras

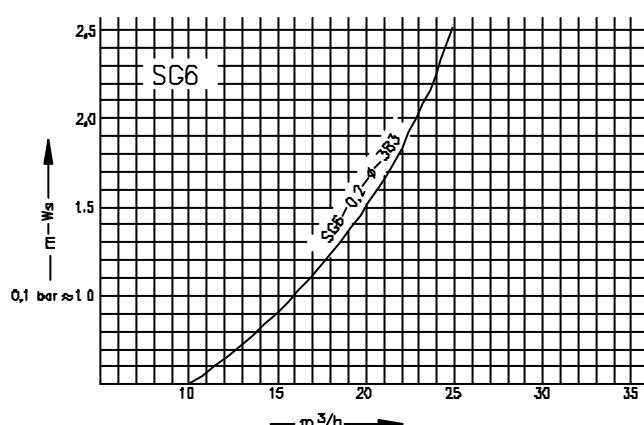


Bestellung Ordering Commande Encargo	Typ Type Type Típico



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitz Slots Fentes Ranuras	X	L2 = $\varnothing$ mm
		0,2 / 0,5	2 x	= $\varnothing$ 259
		0,2 / 0,5	3 x	= $\varnothing$ 321
		0,2 / 0,5	4 x	= $\varnothing$ 383
		0,2 / 0,5	5 x	= $\varnothing$ 445
		0,2 / 0,5	6 x	= $\varnothing$ 507
		0,2 / 0,5	7 x	= $\varnothing$ 569
		0,2 / 0,5	8 x	= $\varnothing$ 631
		0,2 / 0,5	9 x	= $\varnothing$ 693
		0,2 / 0,5	10 x	= $\varnothing$ 755
		0,2 / 0,5	11 x	= $\varnothing$ 817
		0,2 / 0,5	12 x	= $\varnothing$ 879
		0,2 / 0,5	13 x	= $\varnothing$ 941
		0,2 / 0,5	14 x	= $\varnothing$ 1003
		0,2 / 0,5	15 x	= $\varnothing$ 1065
		0,2 / 0,5	16 x	= $\varnothing$ 1127
		0,2 / 0,5	17 x	= $\varnothing$ 1189
/		↓ +1	↓ +31	= $\varnothing$ + 62

A



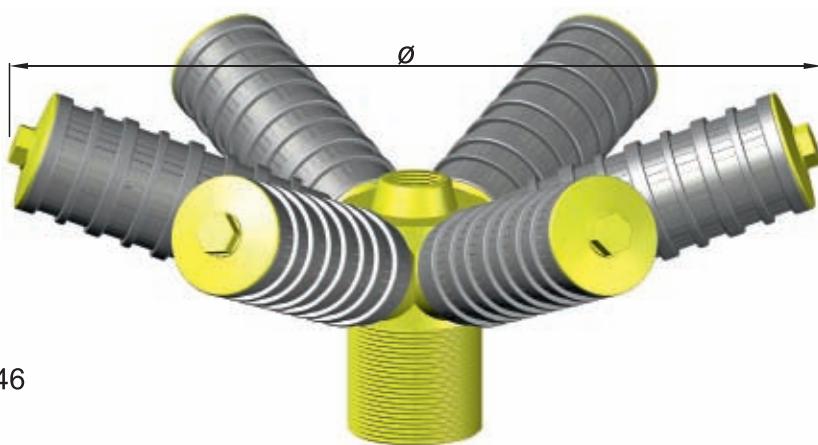
**Filterdüsen-Sterne  
mit 6 Armen**

**Filter-Nozzles-Stars  
with 6 arms**

**Crépines  
étoiles  
à 6 bras**

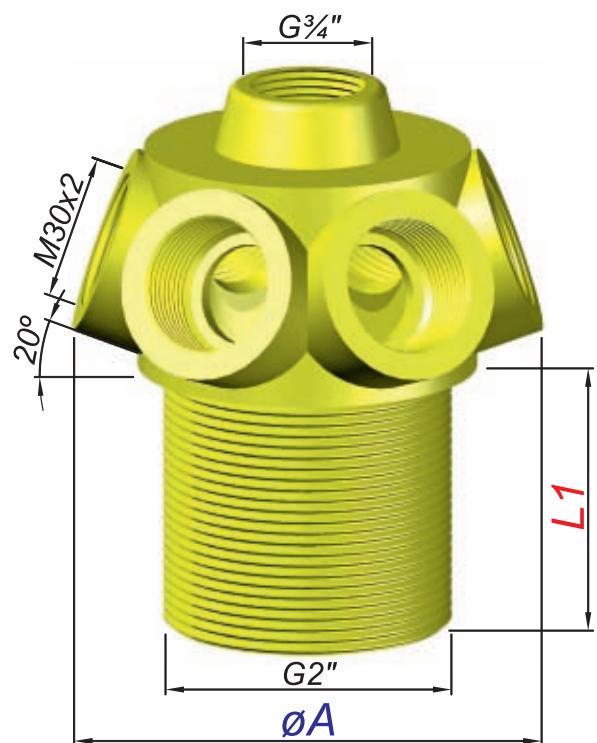
**Estrellas para  
toberas a filtro  
con 6 brazos**

**Typ SK6**

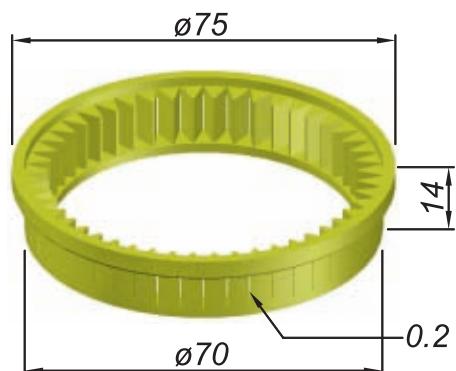


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**Typ MSK6**

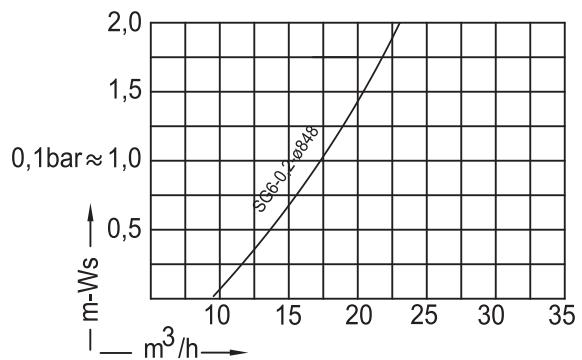


**Typ ER**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	<b>ER</b>

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	<b>L1</b>	<b>ØA</b>
	<b>MSK6</b>	55	98 110



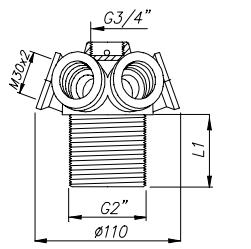
## Filterdüsen-Sterne mit 6 Armen

## Filter-Nozzles-Stars with 6 arms

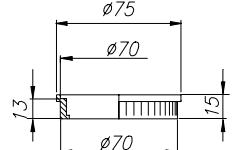
## Crepines étoiles avec 6 bras

## Estrellas para tuberías a filtro con 6 brazos

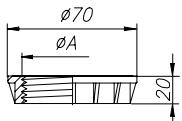
Bestellung Ordering Commande Encargo	Typ Type Type Típico	L1
	<b>MSK6</b>	25 55



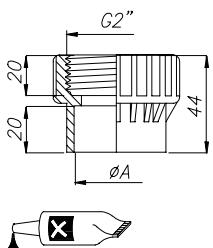
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitz Slots Fentes Ranuras
	<b>ER</b>	0,2



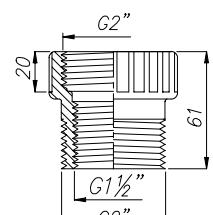
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA
	<b>MU2"</b>	G 1 1/4" G 1 1/2" G 2"	



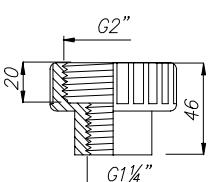
Bestellung Ordering Commande Encargo	Typ Type Type Típico	ØA	Material Material Materiale Material
	<b>GR2"</b>	40 50 60,3 63	PVC



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	<b>GR2"</b>	G 1 1/2"

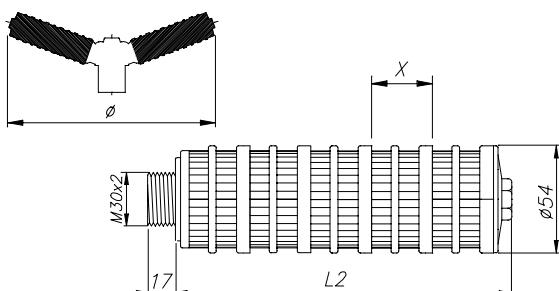


Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	<b>GR2"</b>	G 1 1/4"



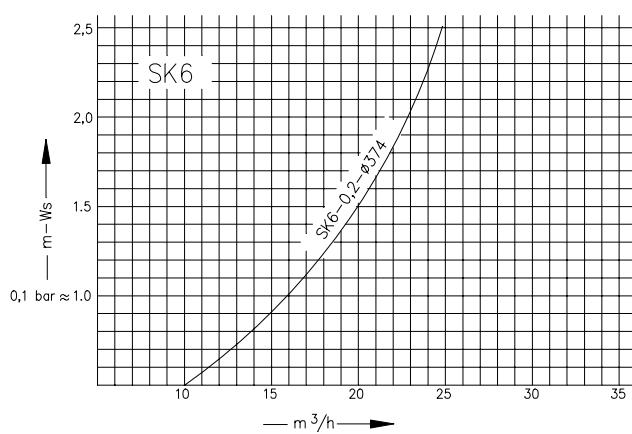
## Crepines étoiles avec 6 bras

## Estrellas para tuberías a filtro con 6 brazos



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitz Slots Fentes Ranuras	X	L2	= Ø mm
			0,2 / 0,5	2 x	82 = Ø 258
			0,2 / 0,5	3 x	113 = Ø 316
			0,2 / 0,5	4 x	144 = Ø 374
			0,2 / 0,5	5 x	175 = Ø 432
			0,2 / 0,5	6 x	206 = Ø 491
			0,2 / 0,5	7 x	237 = Ø 549
			0,2 / 0,5	8 x	268 = Ø 607
			0,2 / 0,5	9 x	299 = Ø 665
			0,2 / 0,5	10 x	330 = Ø 724
			0,2 / 0,5	11 x	361 = Ø 782
			0,2 / 0,5	12 x	392 = Ø 840
			0,2 / 0,5	13 x	423 = Ø 898
			0,2 / 0,5	14 x	454 = Ø 957
			0,2 / 0,5	15 x	485 = Ø 1015
			0,2 / 0,5	16 x	516 = Ø 1073
			0,2 / 0,5	17 x	547 = Ø 1131
II / II			↓ +1	↓ +31	

A



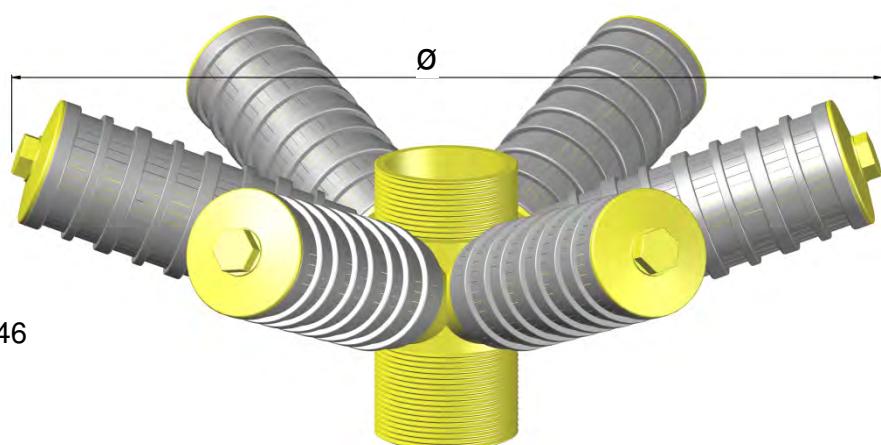
**Filterdüsen-Sterne  
mit 6 Armen**

**Filter-Nozzles-Stars  
with 6 arms**

**Crépines étoiles  
à 6 bras**

**Estrellas para  
tuberías a filtro  
con 6 brazos**

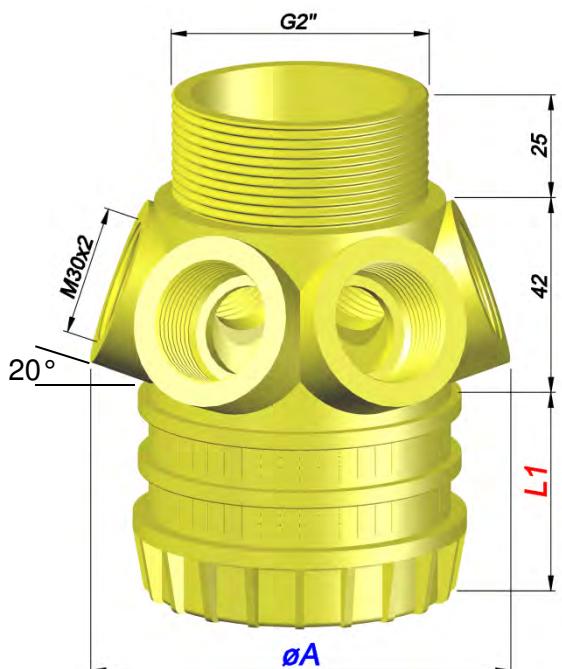
### Typ SO6



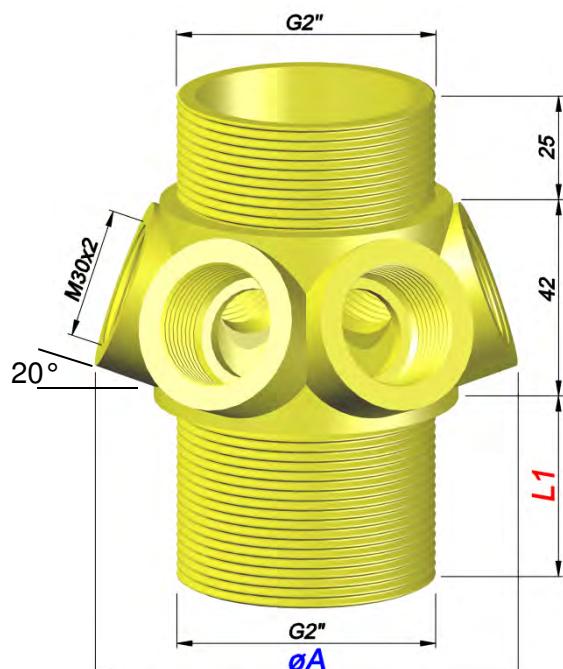
Typ A

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### Typ MSO6

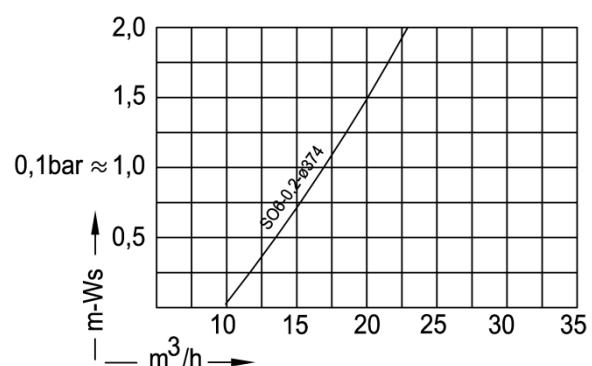


### Typ MSO60



Bestellung Ordering Commande Encargo	Typ Type Type Tipo	L1	øA
	<b>MSO60</b>	25 50	98 110

Bestellung Ordering Commande Encargo	Typ Type Type Tipo	L1	øA
	<b>MSO6</b>	20	
	<b>MSO61</b>	34	
	<b>MSO62</b>	46	
	<b>MSO63</b>	58	
			98, 110



## Filterdüsen-Sterne mit 6 Armen

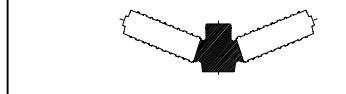
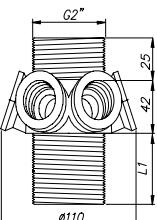
## Filter-Nozzles-Stars with 6 arms

## Crepines étoiles avec 6 bras

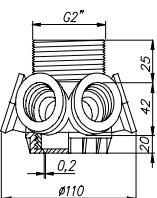
## Estrellas para tuberías a filtro con 6 brazos



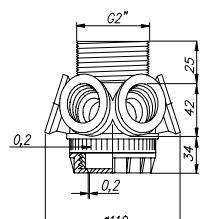
Bestellung Ordering Commande Encargo	Typ Type Type Típico	L1
	<b>MSO60</b>	25 55



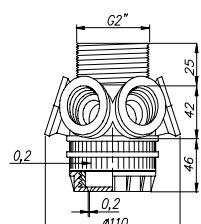
Bestellung Ordering Commande Encargo	Typ Type Type Típico	MSO6



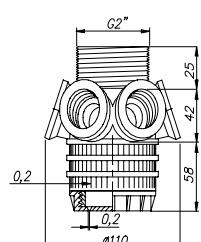
Bestellung Ordering Commande Encargo	Typ Type Type Típico	MSO61



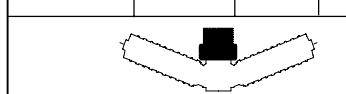
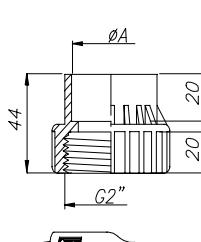
Bestellung Ordering Commande Encargo	Typ Type Type Típico	MSO62



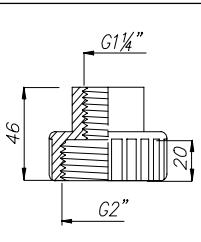
Bestellung Ordering Commande Encargo	Typ Type Type Típico	MSO63



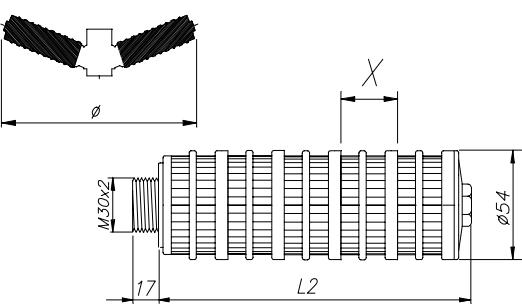
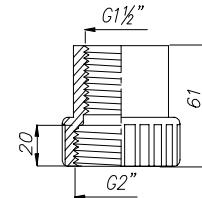
Bestellung Ordering Commande Encargo	Typ Type Type Típico	<b>ØA</b>	Material Material Material Material
	<b>GR2"</b>	40 50 60,3 63	PVC



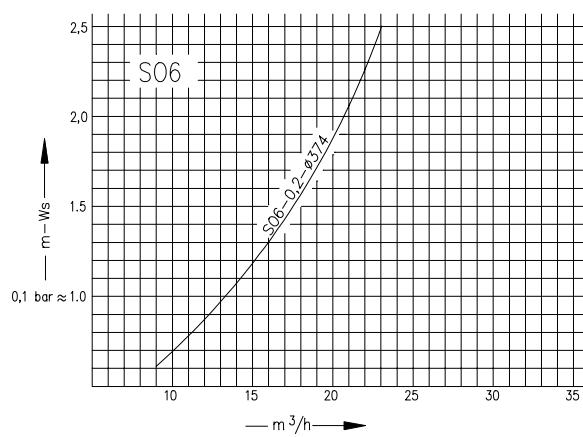
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	<b>GR2"</b>	G 1 1/4"



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca
	<b>GR2"</b>	G 1 1/2"



Bestellung Ordering Commande Encargo	Typ Type Type Típico	Schlitte Slots Fentes Ranuras	X	L2	= Ø mm
		0,2 / 0,5	2 x	82	= Ø 258
		0,2 / 0,5	3 x	113	= Ø 316
		0,2 / 0,5	4 x	144	= Ø 374
		0,2 / 0,5	5 x	175	= Ø 432
		0,2 / 0,5	6 x	206	= Ø 491
		0,2 / 0,5	7 x	237	= Ø 549
		0,2 / 0,5	8 x	268	= Ø 607
		0,2 / 0,5	9 x	299	= Ø 665
		0,2 / 0,5	10 x	330	= Ø 724
		0,2 / 0,5	11 x	361	= Ø 782
		0,2 / 0,5	12 x	392	= Ø 840
		0,2 / 0,5	13 x	423	= Ø 898
		0,2 / 0,5	14 x	454	= Ø 957
		0,2 / 0,5	15 x	485	= Ø 1015
		0,2 / 0,5	16 x	516	= Ø 1073
		0,2 / 0,5	17 x	547	= Ø 1131
" / "	" +1	↓ +1	↓ +31	↓	= Ø 62



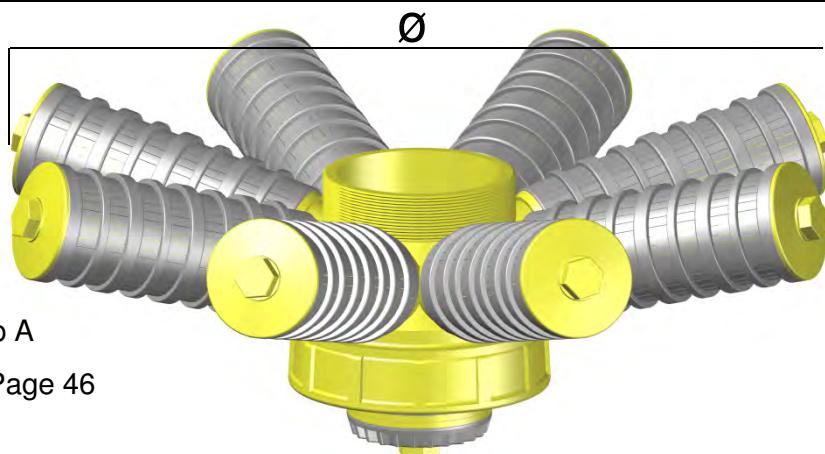
**Filterdüsen-Sterne  
mit 8 Armen**

**Filter-Nozzles-Stars  
with 8 arms**

**Crépines étoiles  
à 8 bras**

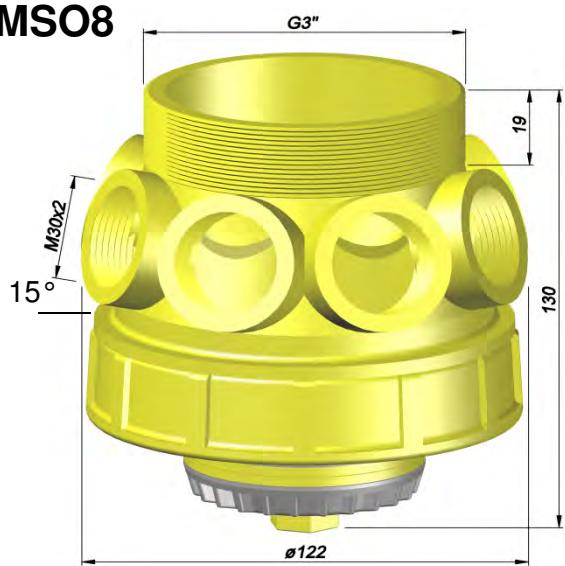
**Estrellas para  
tuberías a filtro  
con 8 brazos**

**Typ SO8**



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**Typ MSO8**



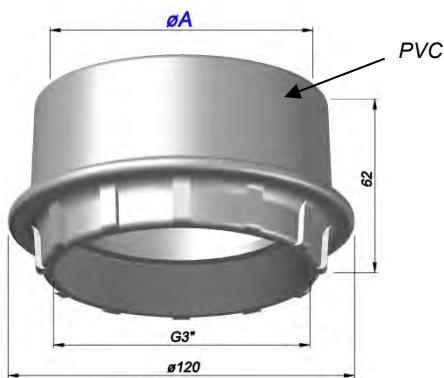
Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	<b>MSO8</b>

**Typ MSO16**

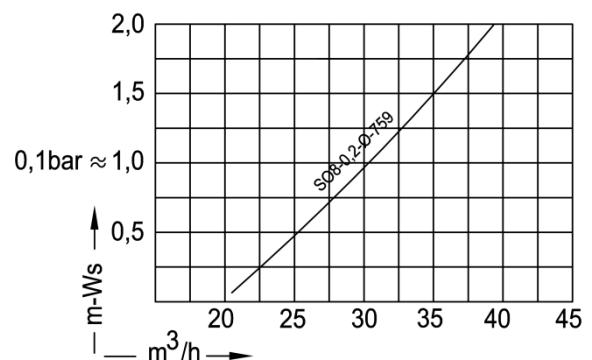


Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	<b>MSO16</b>

**Typ GR3"**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	<b>ØA</b>
	<b>GR3"</b>	90



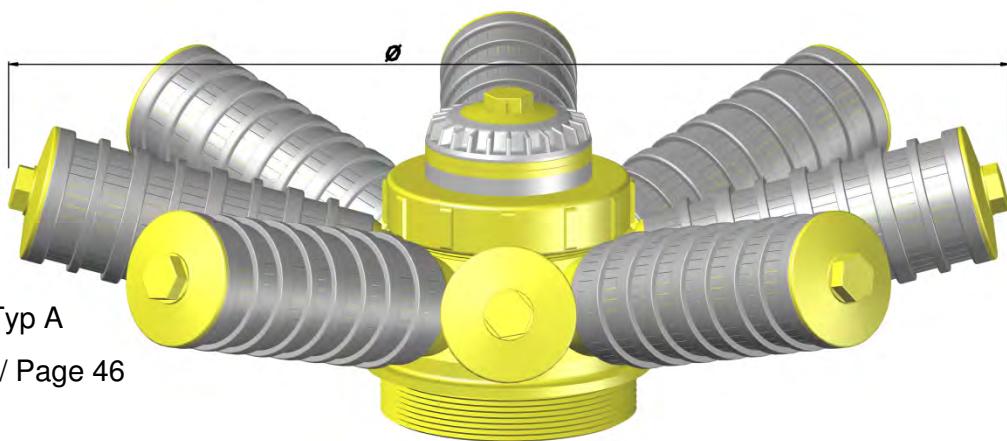
**Filterdüsen-Sterne  
mit 8 Armen**

**Filter-Nozzles-Stars  
with 8 arms**

**Crépines étoiles  
à 8 bras**

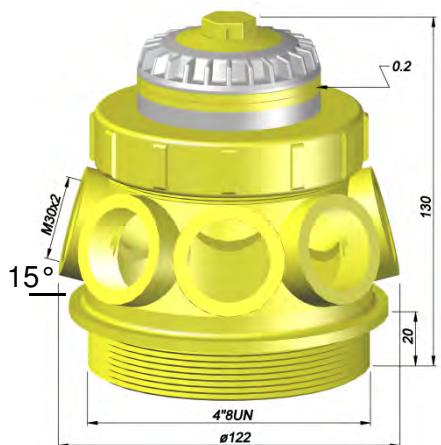
**Estrellas para  
tuberías a filtro  
con 8 brazos**

### Typ SK8



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### Typ MSK8



Bestellung  
Ordering  
Commande  
Encargo

Typ  
Type  
Type  
Tipa



**MSK8**

### Typ MSK16



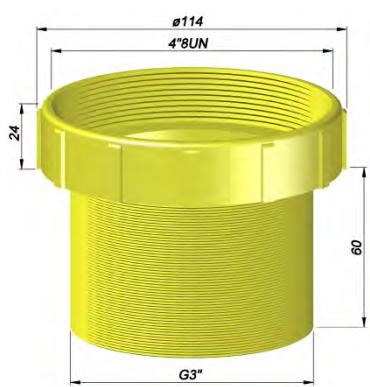
Bestellung  
Ordering  
Commande  
Encargo

Typ  
Type  
Type  
Tipa



**MSK16**

### Typ GR4“-3“



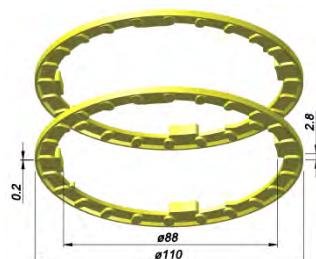
Bestellung  
Ordering  
Commande  
Encargo

Typ  
Type  
Type  
Tipa



**GR4“-3“**

### Typ ER3

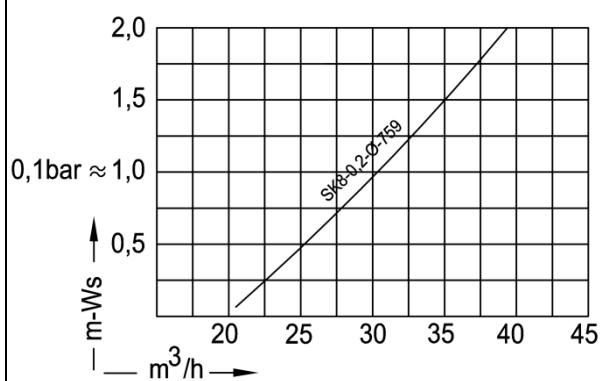


Bestellung  
Ordering  
Commande  
Encargo

Typ  
Type  
Type  
Tipa



**ER3**

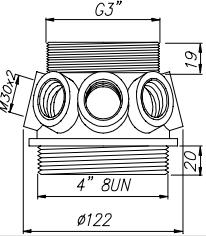
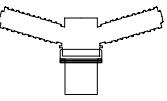
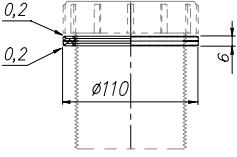
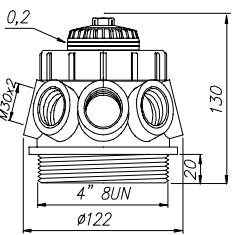
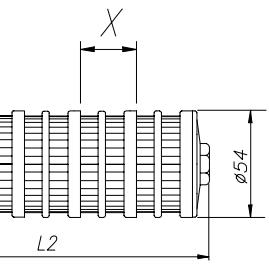
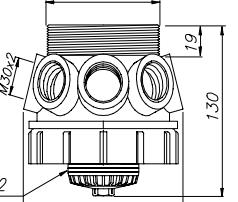
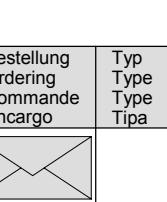
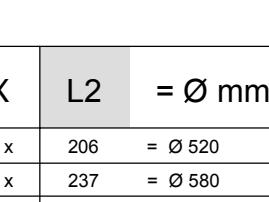
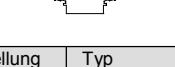
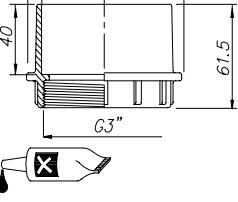
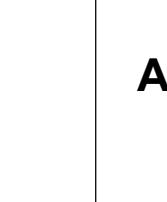
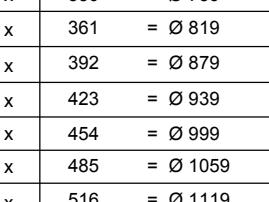
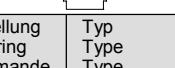
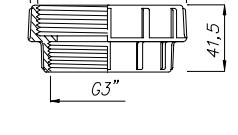
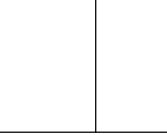
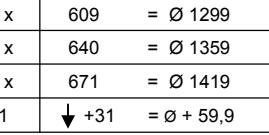
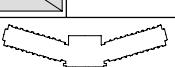
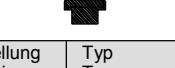
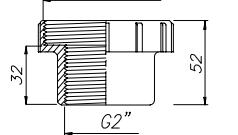
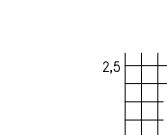
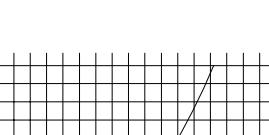
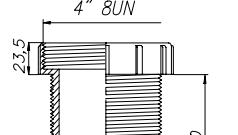
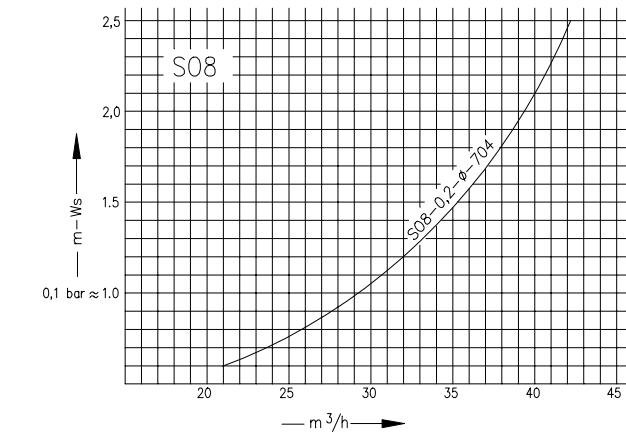
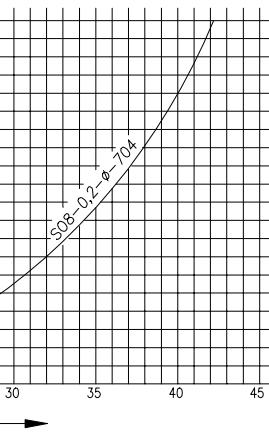
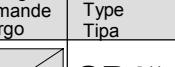
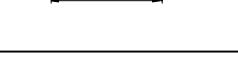
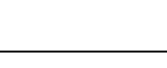
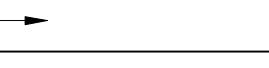


## Filterdüsen-Sterne mit 8 Armen

## Filter-Nozzles-Stars with 8 arms

## Crepines étoiles avec 8 bras

## Estrellas para tuberías a filtro con 8 brazos

	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material			Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material				Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	X	L2	= Ø mm	
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	6 x	206	= Ø 520
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	7 x	237	= Ø 580
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	8 x	268	= Ø 640
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	9 x	299	= Ø 699
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	10 x	330	= Ø 759
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	11 x	361	= Ø 819
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	12 x	392	= Ø 879
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	13 x	423	= Ø 939
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	14 x	454	= Ø 999
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	15 x	485	= Ø 1059
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	16 x	516	= Ø 1119
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	17 x	547	= Ø 1179
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	18 x	578	= Ø 1239
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	19 x	609	= Ø 1299
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	20 x	640	= Ø 1359
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	0,2 / 0,5	21 x	671	= Ø 1419
	Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Material Material Materiu Material					Bestellung Ordering Commande Encargo	Typ Type Type Tipa	II / II	↓ +1	↓ +31	= Ø + 59,9

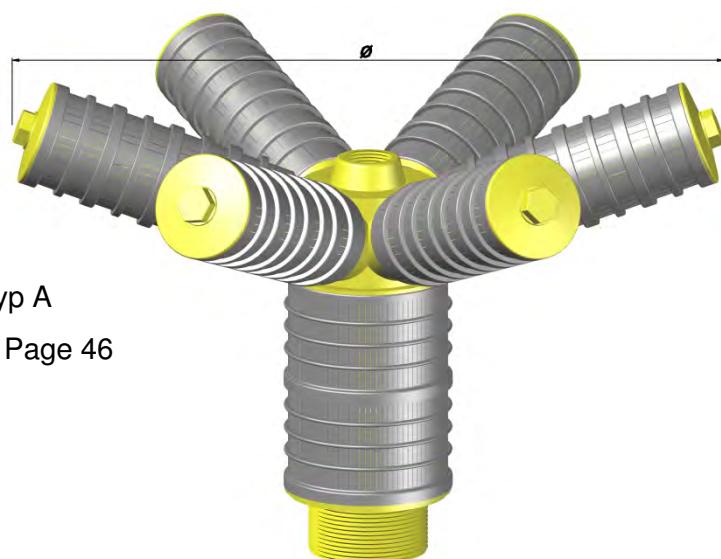
**Filterdüsen-Sterne  
mit 6 Armen**  
für Flanschtank

**Filter-Nozzles-Stars  
with 6 arms**  
for Flange tank

**Crépines étoiles  
à 6 bras**

**Estrellas para  
toberas a filtro  
con 6 brazos**

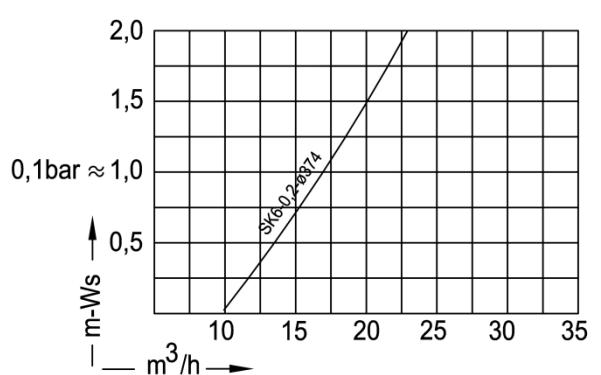
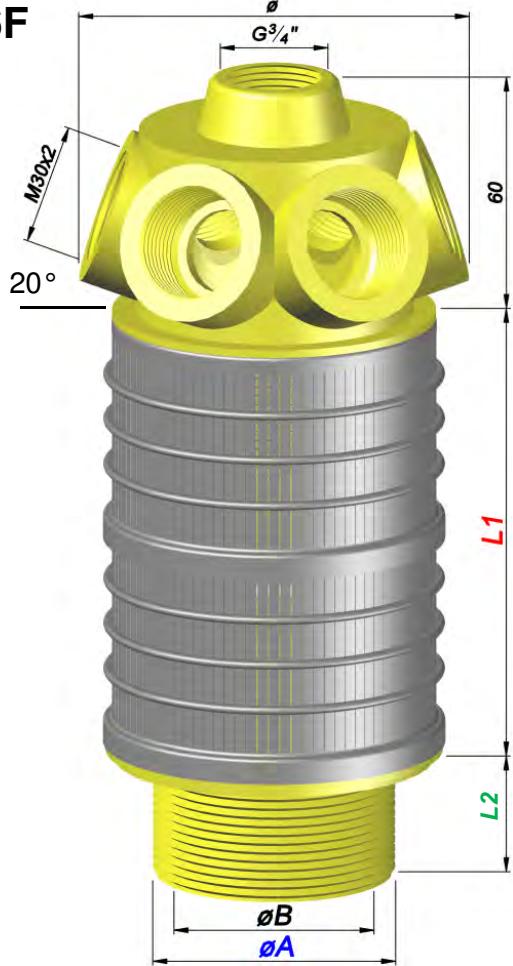
### Typ SK6F



Typ A

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### Typ MSK6F



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	Ø	ØA	ØB	L2	L1
	<b>MSK6F</b>	0,2 0,5	98 110	G 2" G 2" G 2" Ø 68 2 1/2" 8NPSM	Ø 50 1 1/4"NPT 1 1/2"NPT G 2" Ø 60	33 20	64, 116, 170

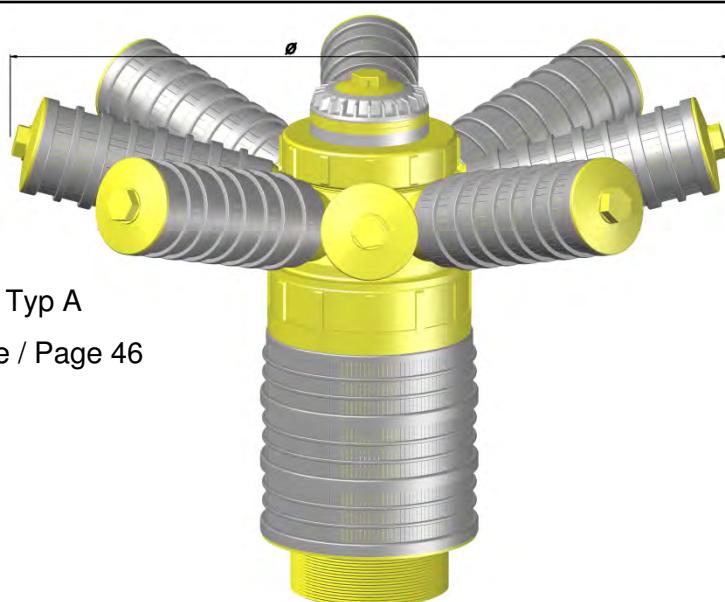
**Filterdüsen-Sterne  
mit 8 Armen**  
für Flanschtank

**Filter-Nozzles-Stars  
with 8 arms**  
for Flange tank

**Crépines étoiles  
à 8 bras**

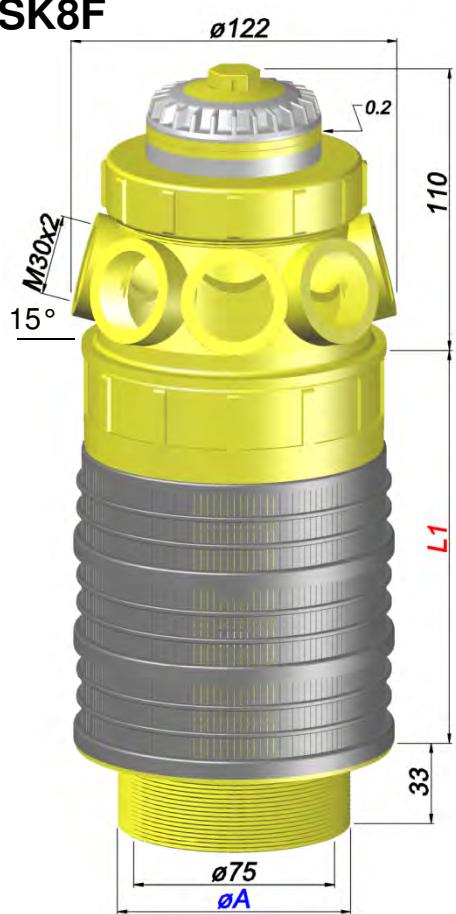
**Estrellas para  
tuberías a filtro  
con 8 brazos**

### Typ SK8F

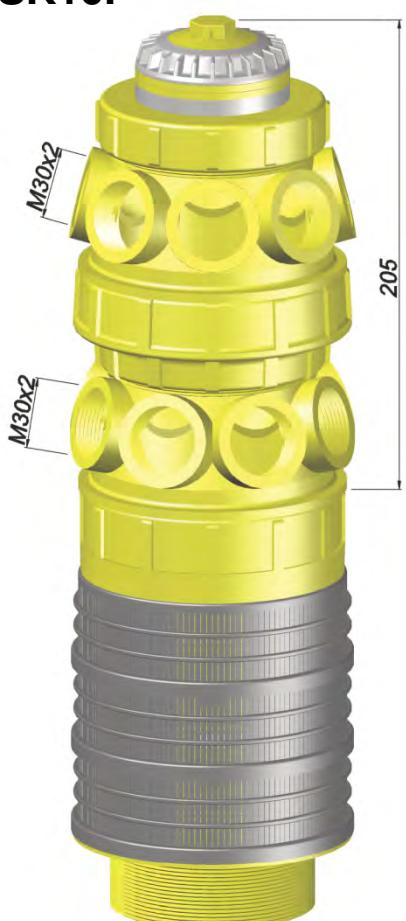


Typ A  
Seite / Page 46

### Typ MSK8F



### Typ MSK16F



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	ØA	Länge Length Longueur Largura
	<b>MSK8F</b>	0,2	G 3" 3" NPT 4" 8UN	115, 150, 190, 228

Bestellung Ordering Commande Encargo	Typ Type Type Tipa
	<b>MSK16F</b>

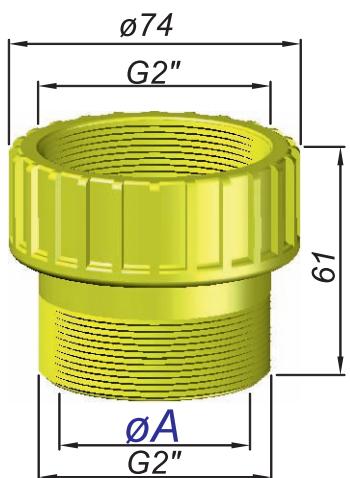
## Adapter und Verbinde

## Adapter and Connector

## Adaptateur et raccord

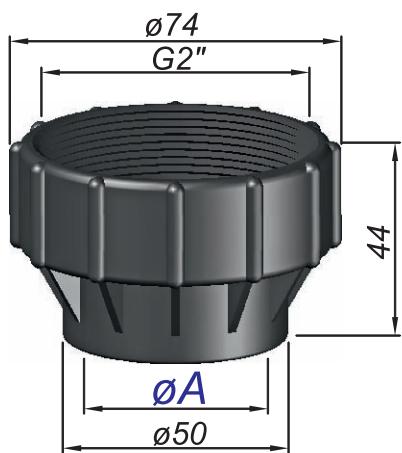
## Adaptador y conector

### Typ GR2"



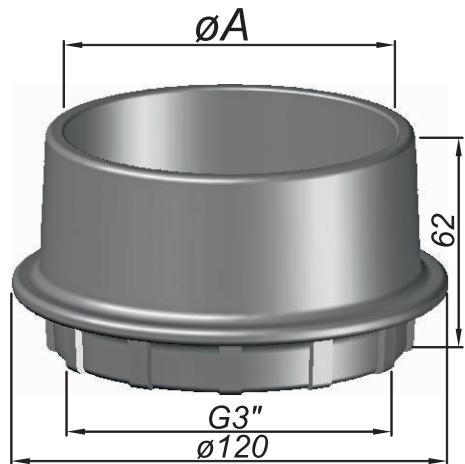
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA
	GR2"	G 1 1/2" G 1 1/4"	

### Typ GR2"

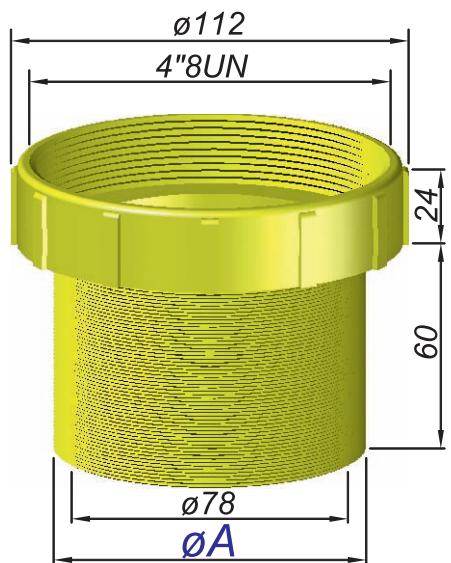


Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA
	GR2"	Ø 40 Ø 50 Ø 60,3 Ø 63	PVC

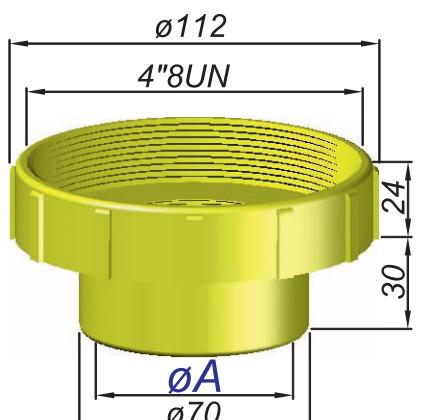
### Typ GR3"



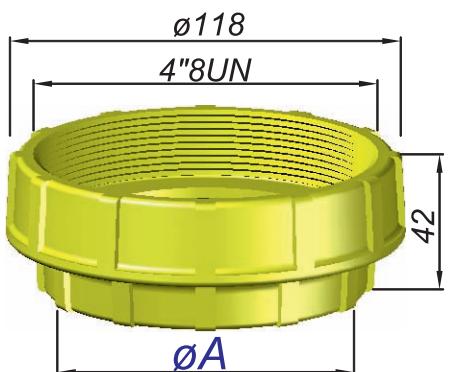
Bestellung Ordering Commande Encargo	Typ Type Type Típico	Gewinde Thread Filetage Rosca	ØA
	GR3"	Ø 90 3" ( US )	PVC

**Adapter und  
Verbinder****Adapter and  
Connector****Adaptateur  
et raccord****Adaptador  
y conector****Typ GR4"**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca
	<b>GR4"</b>	G 3"

**ØA****Typ GR4"**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca
	<b>GR4"</b>	G 2"

**ØA****Typ VB4"**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Gewinde Thread Filetage Rosca
	<b>VB4"</b>	G 3"

**ØA**

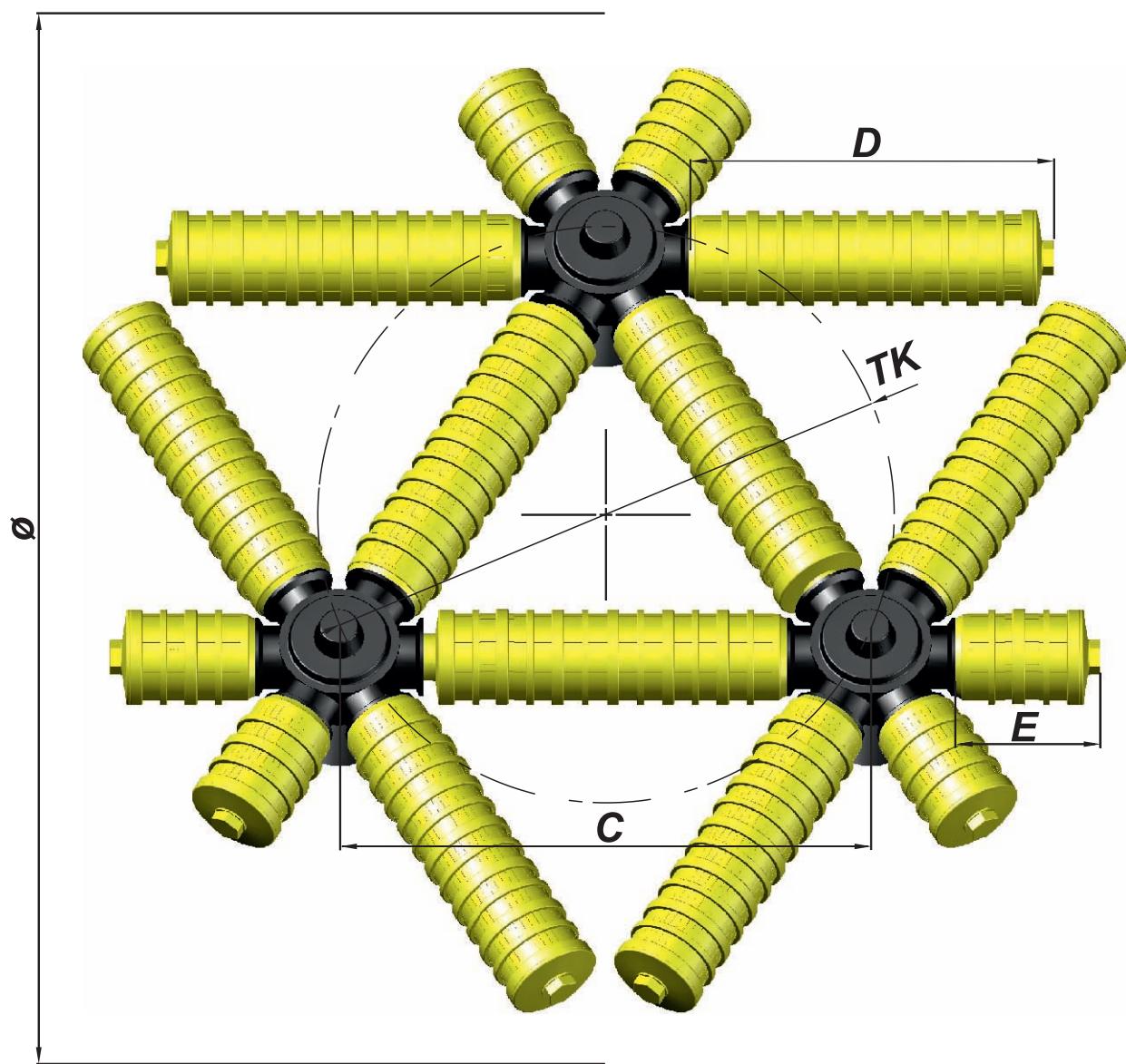
## Drainage-system

## Drainage system

## Système de drainage

## Systema de drenaje

**Typ SD3**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	Ø	TK	C	D	E
	<b>SD3</b>	0,2 0,5	600	308	265	175	82
			700	344	298	206	82
			800	416	362	268	144
			900	452	392	299	144
			1000	522	454	361	175
			1100	522	454	361	237
			1200	522	454	361	299

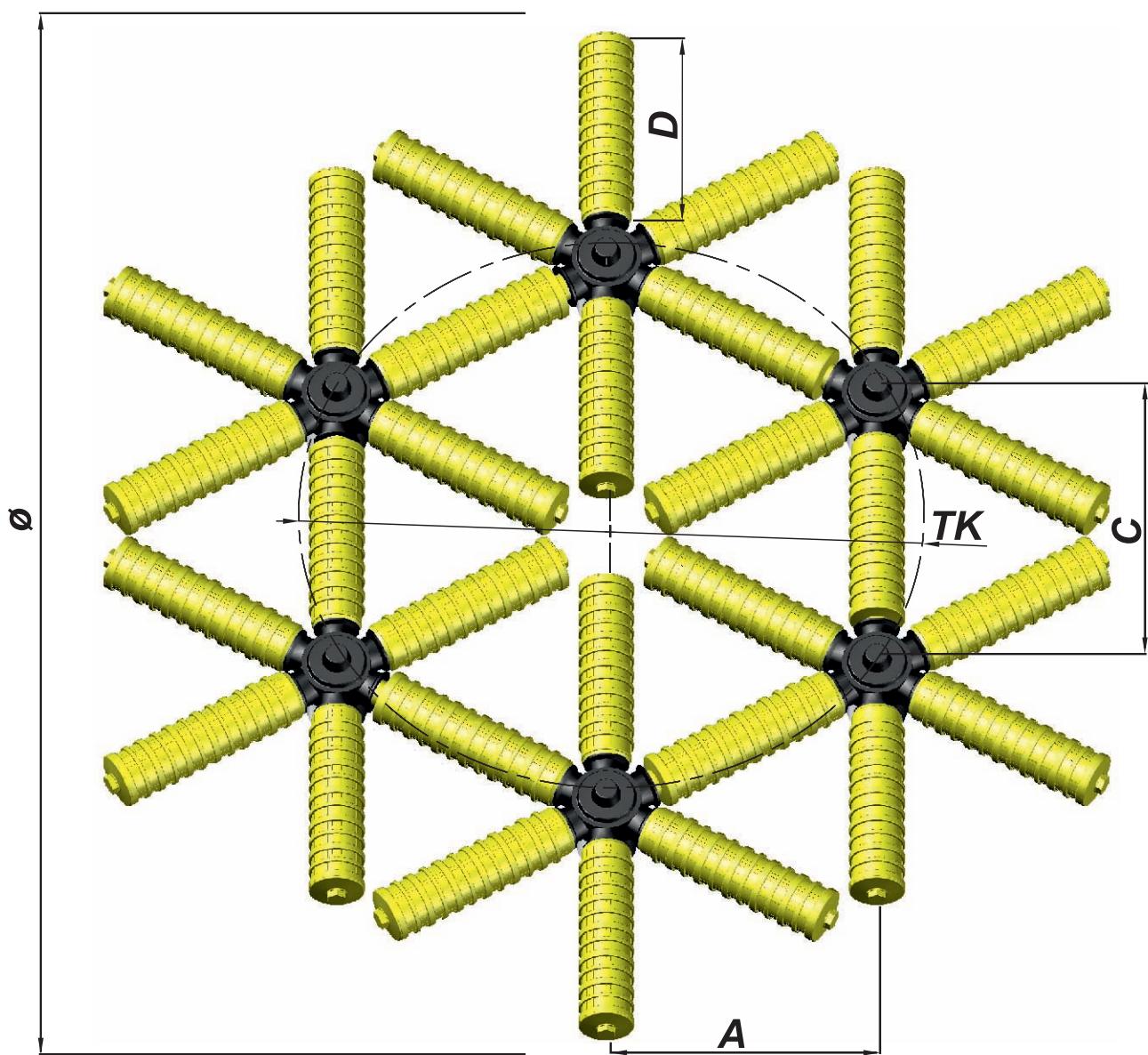
## Drainage-system

## Drainage system

## Système de drainage

## Systema de drenaje

### Typ SD6



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlüsse Slots Fentes Ranuras	$\varnothing$	TK	C	D	A
	<b>SD6</b>	0,2 0,5	800	408	204	113	176,7
			1000	536	268	175	232,1
			1200	600	300	206	259,8
			1300	664	332	237	287,5
			1400	728	364	268	315,2
			1500	788	394	299	341,2
			1700	852	426	330	368,9
			1800	912	456	361	394,9

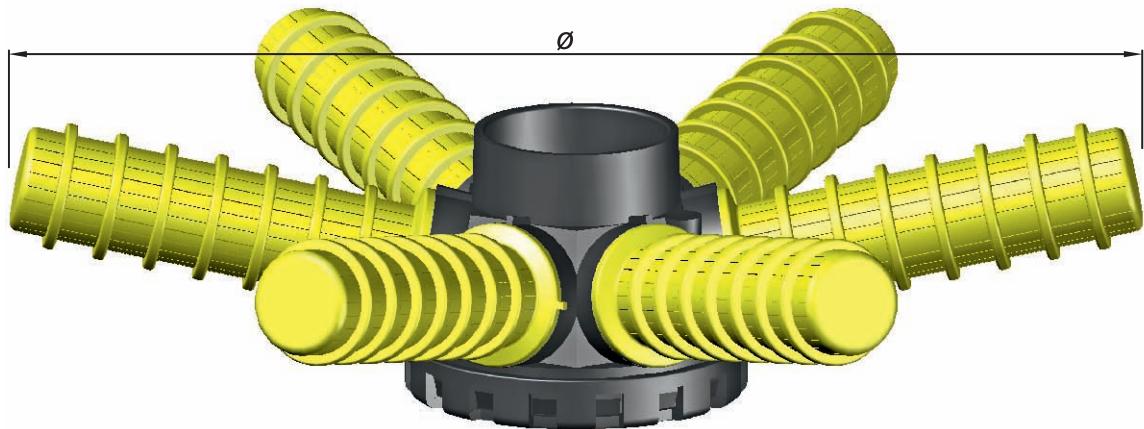
Filterdüsen-Sterne  
mit 6 Armen

Filter-Nozzles-Stars  
with 6 arms

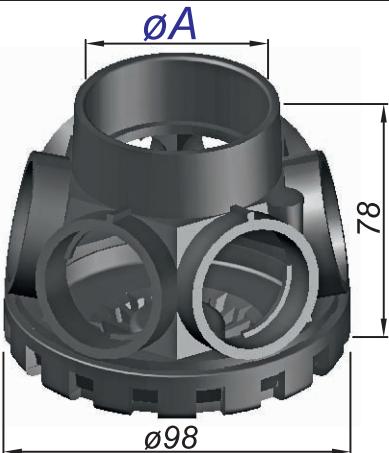
Crépines  
étoiles  
à 6 bras

Estrellas para  
tuberías a filtro  
con 6 brazos

### Typ SS6

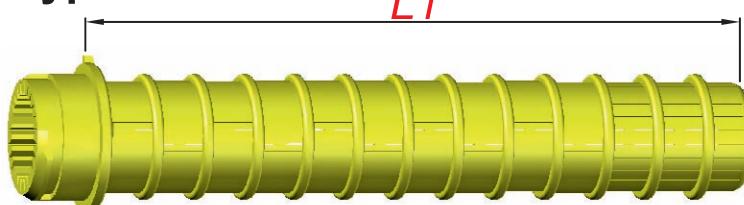


### Typ MSS6



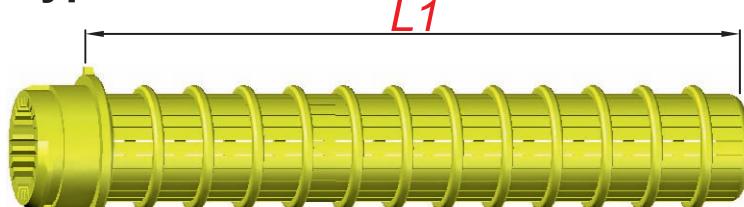
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	$\varnothing A$	Material Material Materiel Material
	MSS6	$\varnothing 1.05"$ $\varnothing 1"$ $\varnothing 1\frac{1}{4}"$ $\varnothing 1.9"$ $\varnothing 50$	ABS

### Typ A4



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	L1	= $\varnothing$
	A4		143	= $\varnothing$ 373
			185	= $\varnothing$ 460
			210	= $\varnothing$ 510
		teilweise geschlossen		
		partially closed		

### Typ A5



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	L1	= $\varnothing$
	A5		85	= $\varnothing$ 260
			113	= $\varnothing$ 314
			143	= $\varnothing$ 373
			185	= $\varnothing$ 460
			210	= $\varnothing$ 510

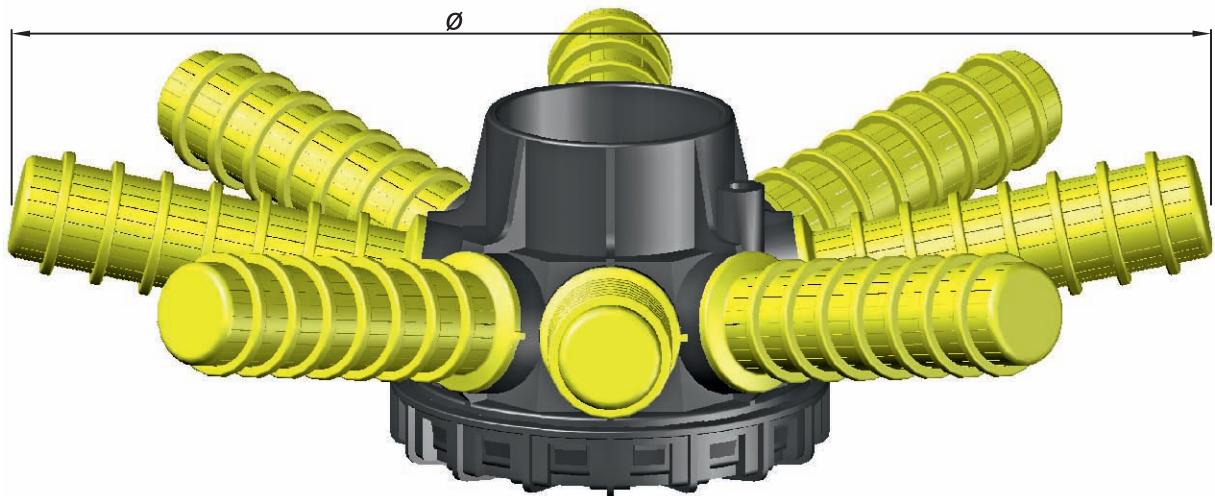
Filterdüsen-Sterne  
mit 8 Armen

Filter-Nozzles-Stars  
with 8 arms

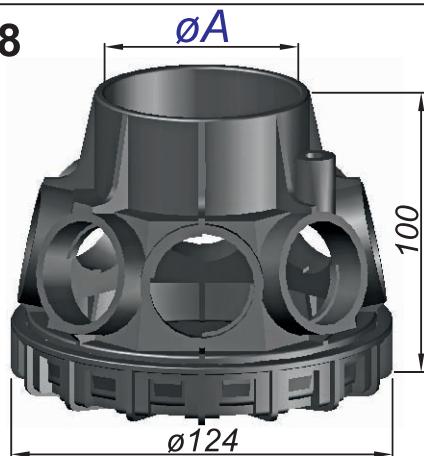
Crépines étoiles  
à 8 bras

Estrellas para  
toberas a filtro  
con 8 brazos

### Typ SS8



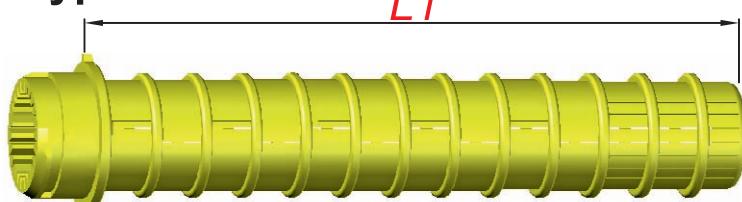
### Typ MSS8



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Ø A	Material Material Materiu Material
	MSS8	ø 60,3 ø 63	ABS

### Typ A4

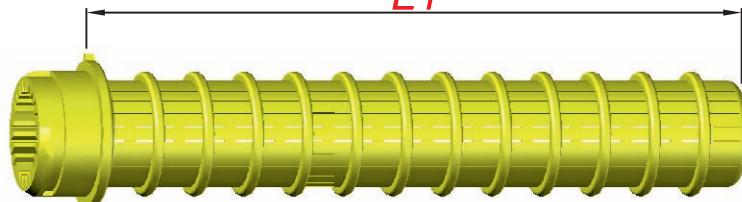
L1



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	L1	= Ø
	A4	0,25	143	= Ø 397
			185	= Ø 479
			210	= Ø 532
			teilweise geschlossen	
			partially closed	

### Typ A5

L1



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitz Slots Fentes Ranuras	L1	= Ø
	A5	0,25	85	= Ø 284
			113	= Ø 338
			143	= Ø 397
			185	= Ø 479
			210	= Ø 532
			240	= Ø 586
			270	= Ø 644
			312	= Ø 726

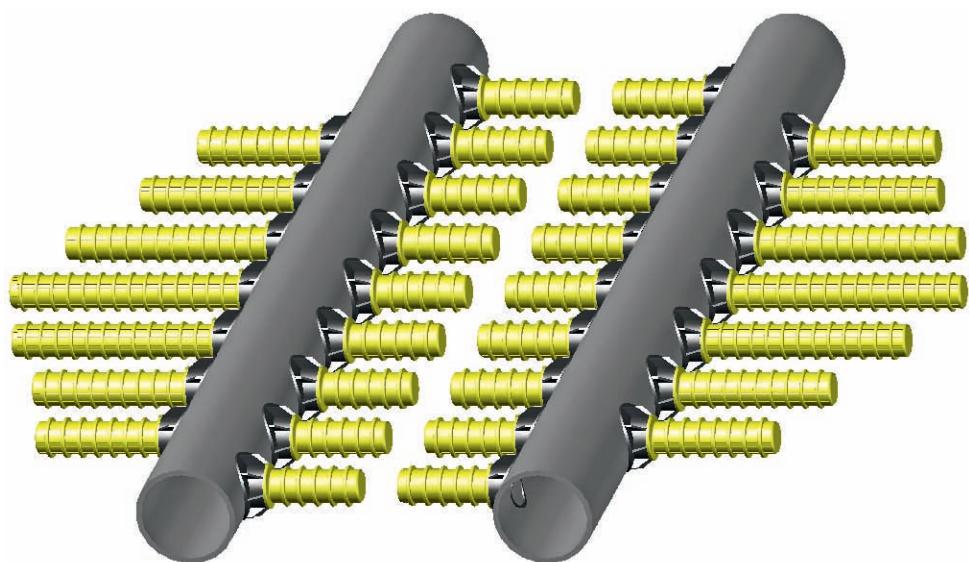
**Filterdüsen-Arme**

**Filter-Nozzles Arms**

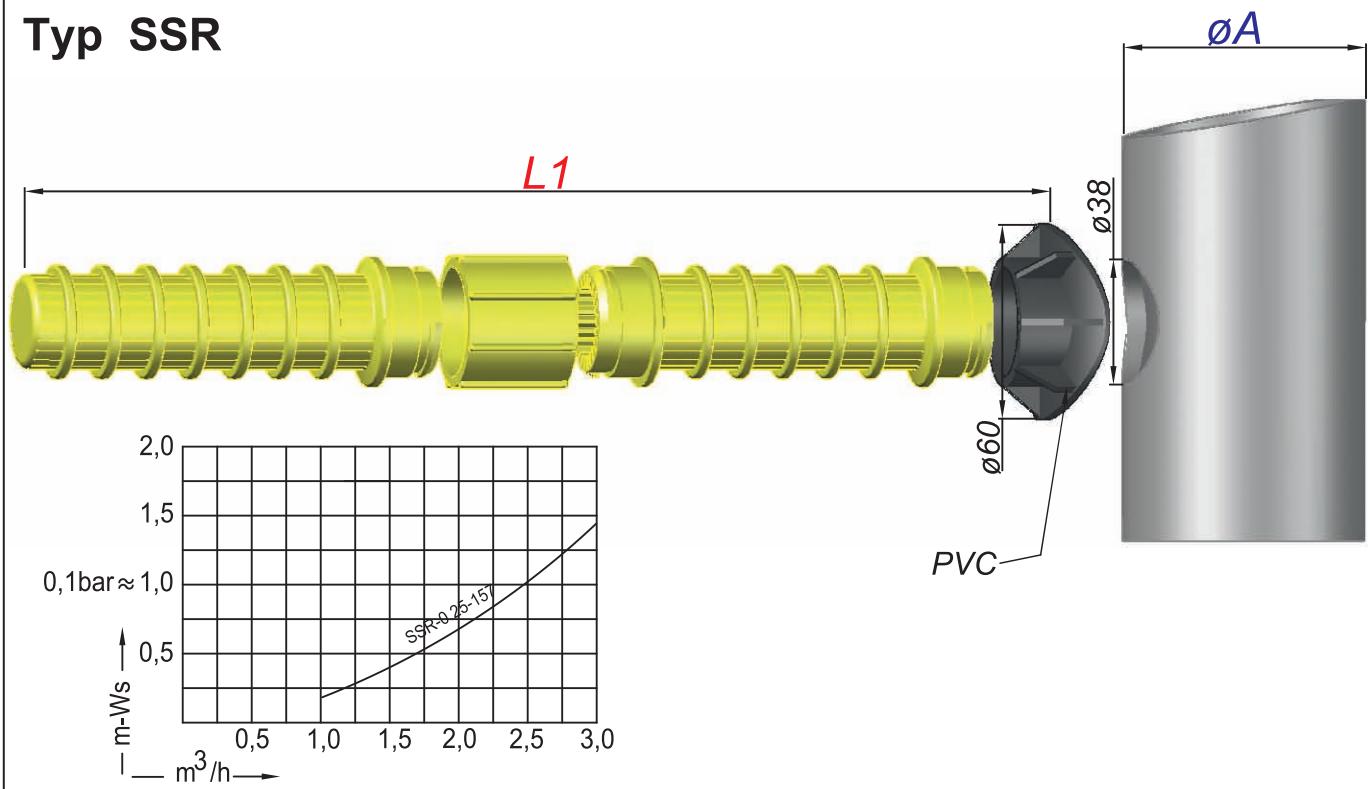
**Crépines bras**

**Brazos de toberas a filtro**

### Typ SSR



### Typ SSR



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	ØA	Länge Length Longueur Largura	L1
	<b>SSR</b>	0,25	Ø63 Ø75 Ø90 Ø114	99, 127, 157, 199, 224, 254, 284, 326, 351, 381, 411, 453, 480, 508, 538, 580, 607, 635, 665, 707, 734, 762, 792, 834, 861, 889, 919, 961, 988, 1016, 1046, 1088 ...	

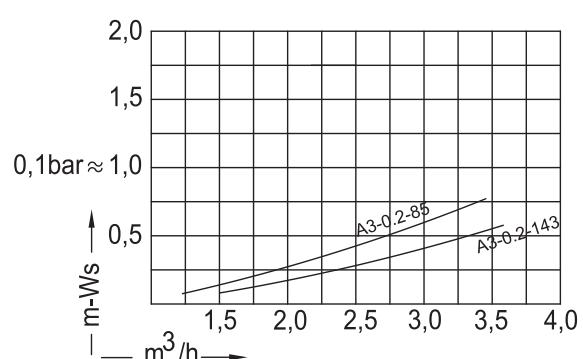
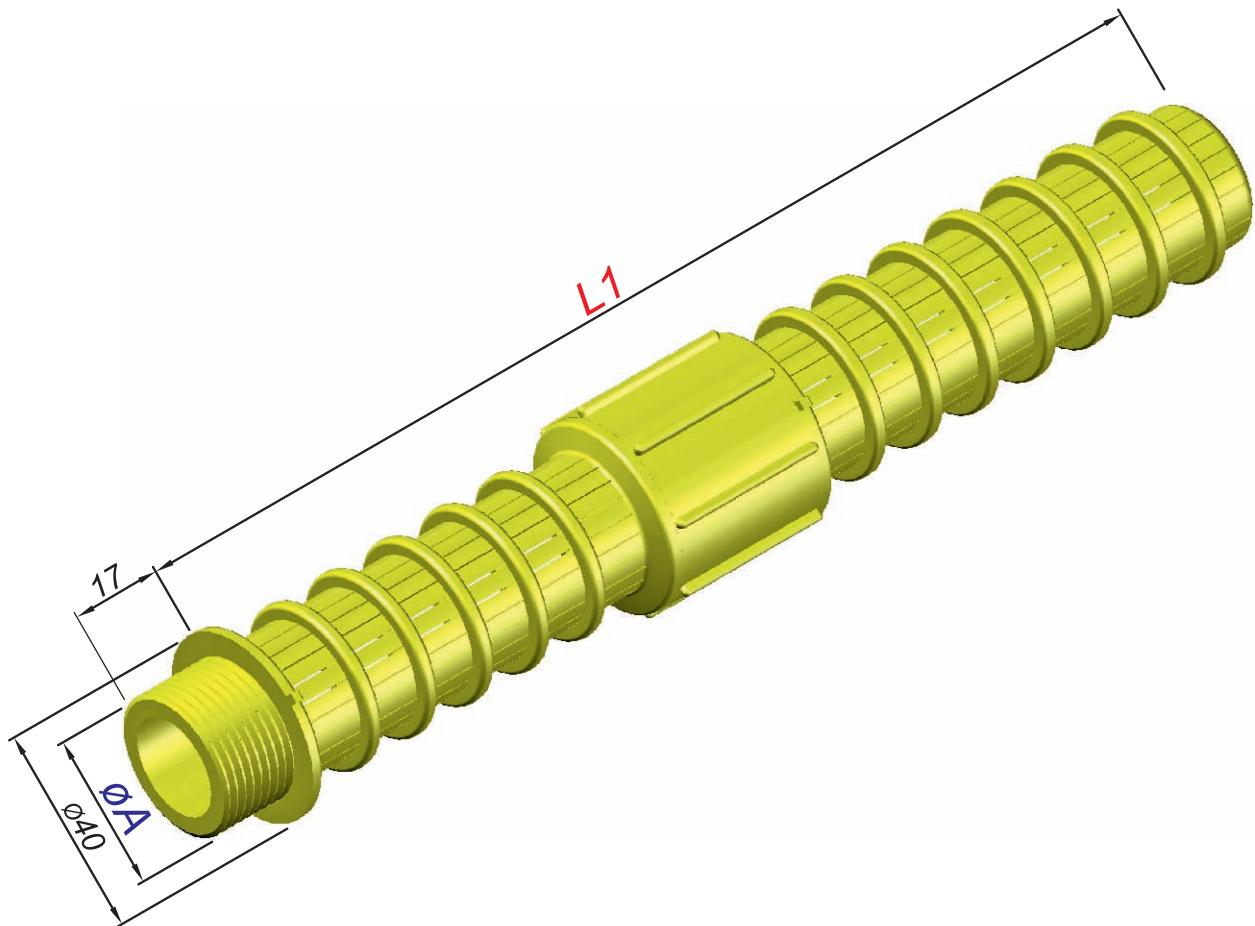
**Filterdüsen-  
Arme**

**Filter-Nozzles  
Arms**

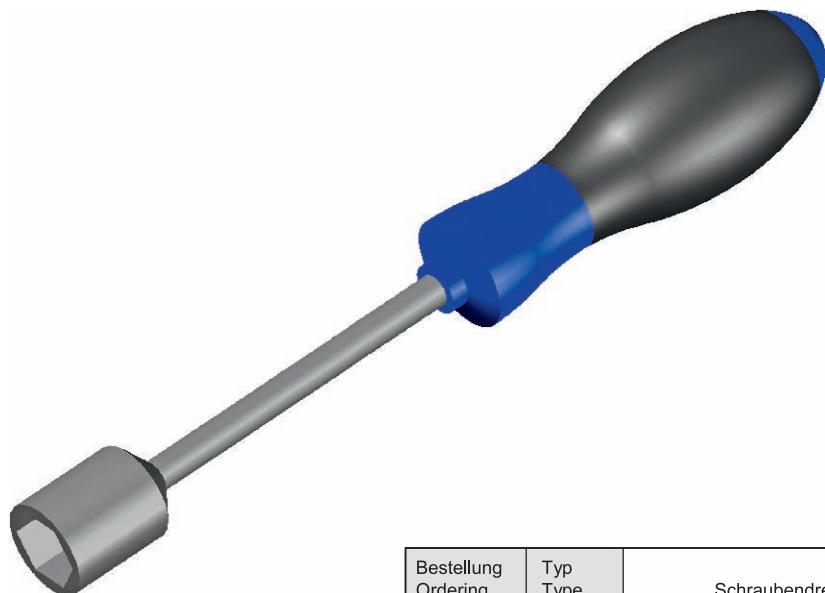
**Crépines bras**

**Brazos de toberas  
a filtro**

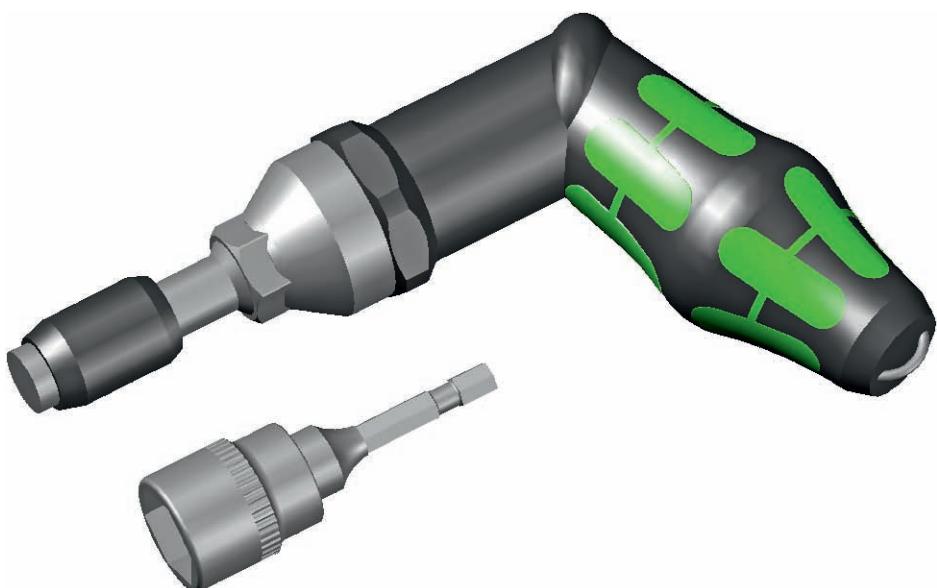
**Typ A3**



Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schlitte Slots Fentes Ranuras	Gewinde Thread Filetage Rosca	ØA	Länge Length Longueur Largura	L1
	A3	0,25	G 3/4" M30x2		212, 240, 270, 312, 337, 367, 397, 439, 464, 494, 524, 566, 591, 621, 651, 693, 820, 947, 1074, ...	
			G 1"		85, 113, 143, 185, 210, 240, 270, 312, 337, 367, 397, 439, 464, 494, 524, 566, 591, 621, 651, 693, 820, 947, 1074, ...	

**Typ HSD**

Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Schraubendreher Screwdriver
	<b>HSD</b>	SW17

**Typ DSD**

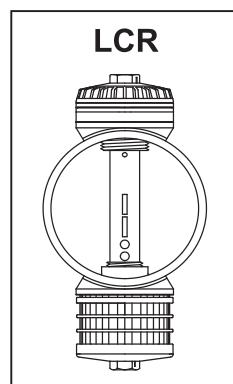
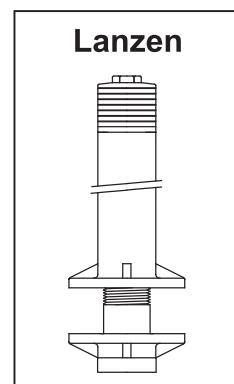
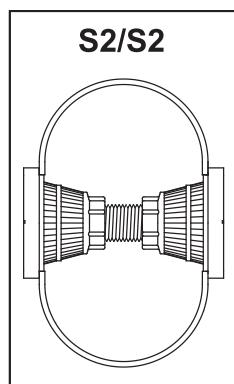
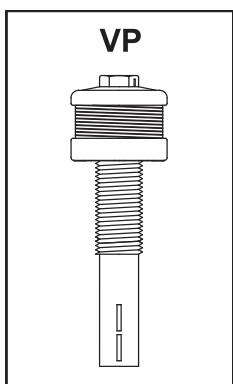
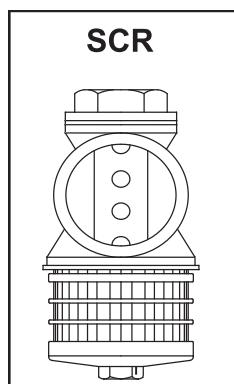
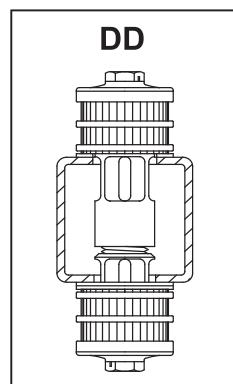
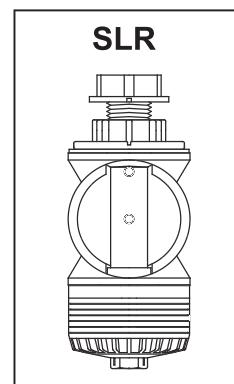
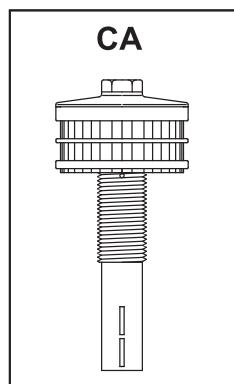
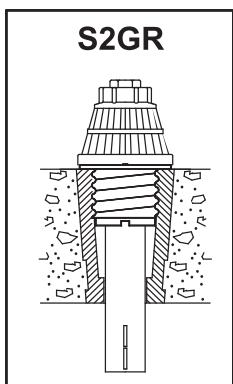
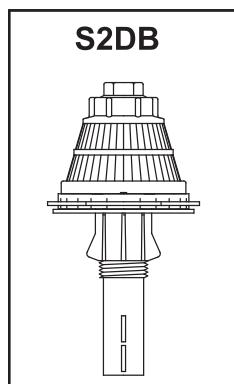
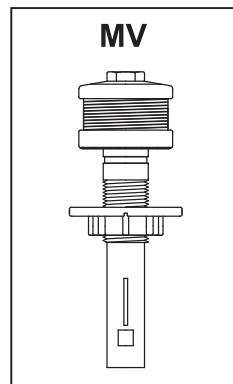
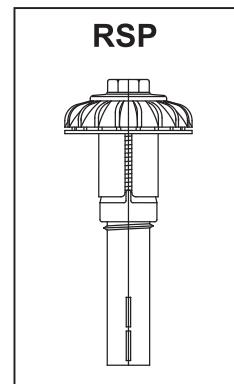
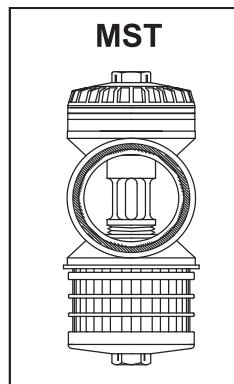
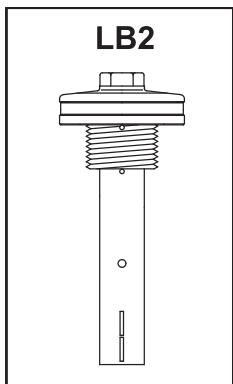
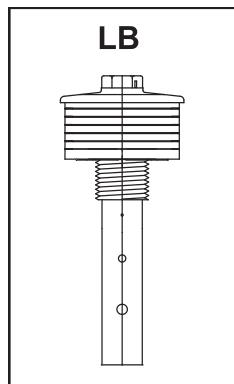
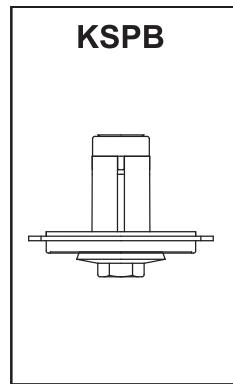
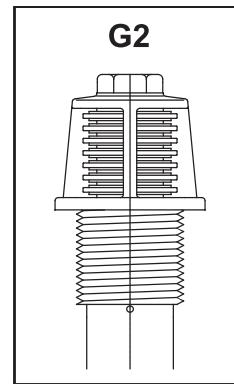
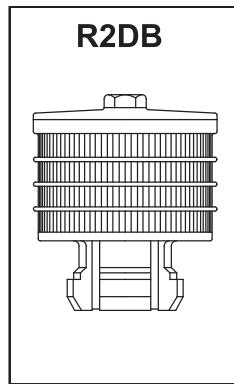
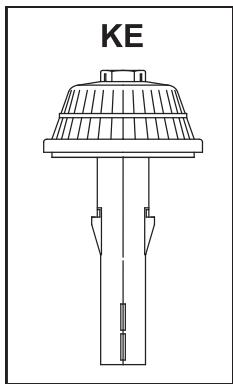
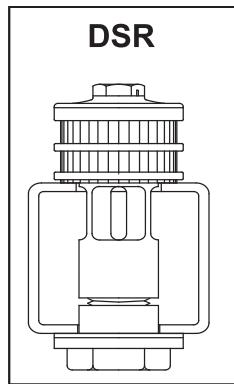
Bestellung Ordering Commande Encargo	Typ Type Type Tipa	Drehmoment - Schraubendreher Torque screwdriver Tournevis à déclenchement Atornillador con limitador de par
	<b>DSD</b>	SW17      3-6 Nm

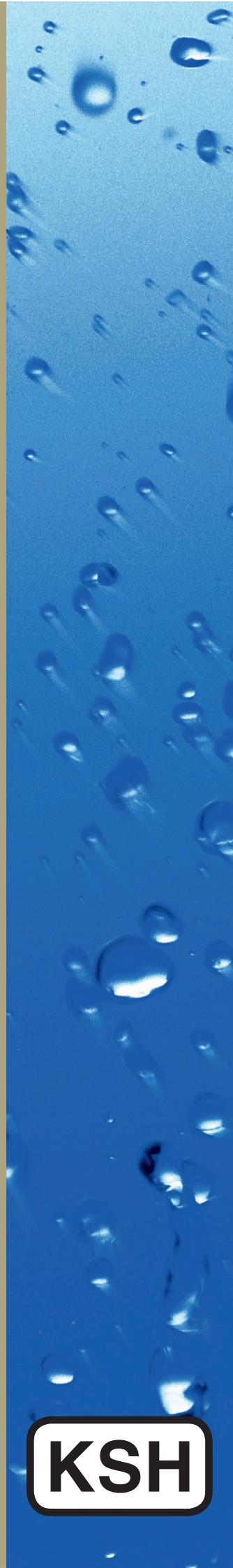
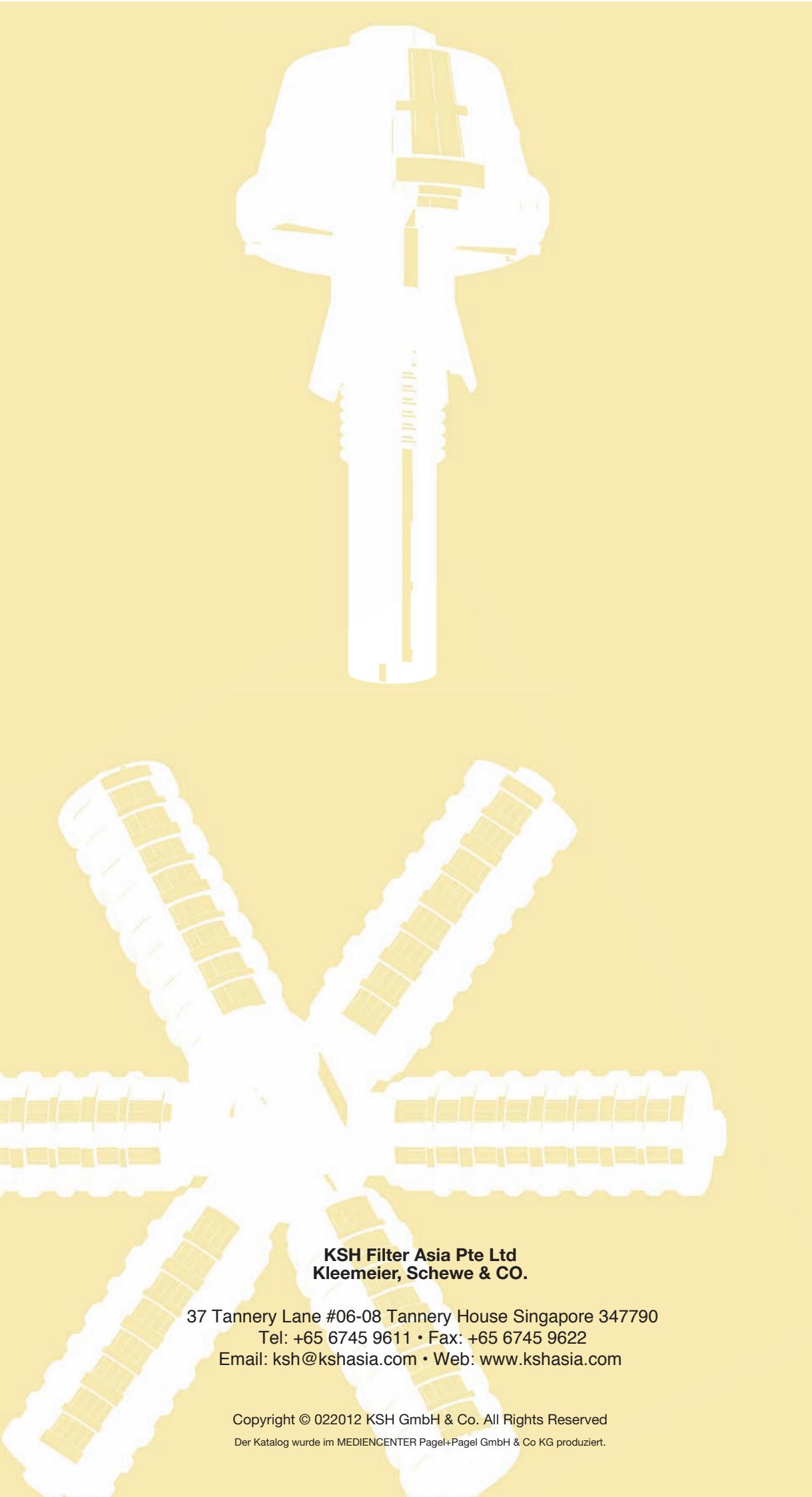
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