

MANN+HUMMEL EDM Fi



MANN+HUMMEL

**MANN
FILTER**

Piktogrammübersicht / Pictograma

Symbol						
	Bestellnr.	Part no.	No. de commande	Numero d'ordine	Referencia	Referência
	Draht- erosion	Wire EDM	Eléctro- érosion à fil	Elettroerosione a filo	Electroerosión por hilo	Electroerosão por fio
	Senk- erosion	Sinker EDM	Eléctro- érosion à enfonçage	Elettroerosione a tuffo	Electroerosión por penetración	Electroerosão por perfuração
	Filter- feinheit	Filter fineness	Finesse de filtration	Grado di filtrazione	Finura de filtración	Micragem
	Einfach- balg	Single bellow	Soufflet simple	Setto filtrante semplice	Fuelle simple	Fole simples
	Doppel- balg	Double bellow	Soufflet double	Doppio setto filtrante	Doble fuelle	Duplo fole
	Makro- falten	Macro pleats	Macro- plis	Macro pieghe	Macro- pliegues	Macro pregas
	3-fach-Balg	Triple-bellow	triple soufflet	setto filtrante triplo	triple fuelle	triple fole
	Adapter inklusive	Adapter included	Raccord inclus	Compreso di raccordo	Boquilla de conexión incluida	Inclui boquilha de conexão
	Innen nach außen	Inside to outside	De l'intérieur vers l'extérieur	Interno > Esterno	De dentro hacia fuera	De dentro para fora
	Außen nach innen	Outside to inside	De l'extérieur vers l'intérieur	Esterno > Interno	De fuera hacia dentro	De fora para dentro
	Kunststoff (metallfrei)	Plastic (metal-free)	Plastique (sans métal)	Senza metallo	Plástico (sin metal)	Plástico
	Metall	Metal	Métallique	Metallo	Chapa de acero	Chapa de aço
	Gewicht	Weight	Poids	Peso	Peso	Peso
	Benötigt Servicekit	Requires service kit	Service kit nécessaire	Necessita kit di manutenzione	Necesita kit de servicio	Precisa kit de serviço
	Zubehör (optional)	Optional accessories	Accessoires en option	Accessorio opzionale	Accesorios opcionales	Acessórios opcionais
	Messing	Brass	Laiton	Ottone	Latón	Latão
	Aluminium	Aluminium	Aluminium	Alluminio	Alumini o	Alumínio



+GF + Agile Charmilles

+GF + Agie Charmilles



H 15 190/1



1 - 2 μm



2,8 m^2 (30 ft^2)



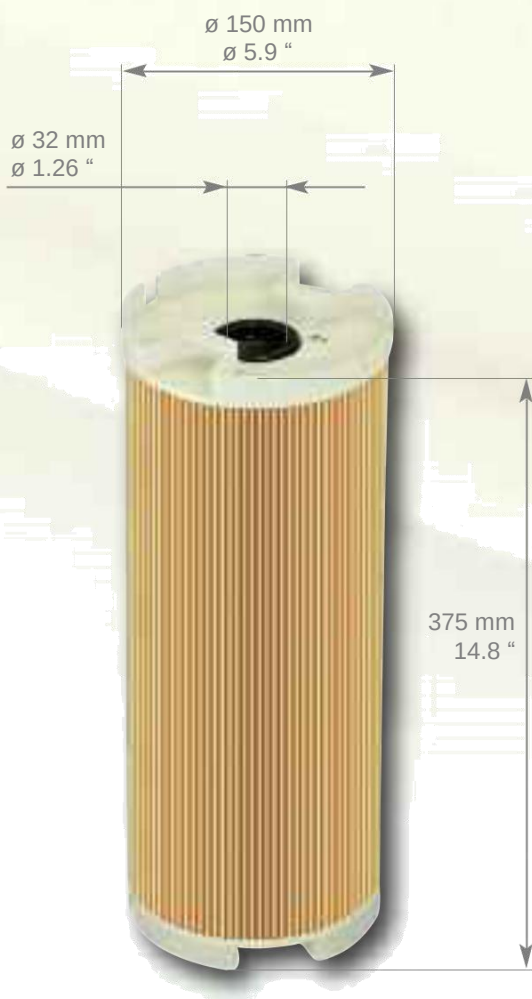
PL



1,0 kg (2.2 lb.)



+GF + Agie Charmilles



H 15 190/16



WEDM



EDM



3 - 5 μm



PL



3,1 m^2 (33 ft^2)



0,8 kg (1.8 lb.)



+GF + Agie Charmilles



H 15 190/6 N



WEDM



EDM



3 - 5 μm



ST



2,8 m² (30 ft²)



1,5 kg (3.3 lb.)

+GF + Agie Charmilles



E-Line



3 - 5 μm



2,7 m² (29 ft²)



0,7 kg (1.5 lb.)



+GF + Agie Charmilles



H 15 475/1



EDM



WEDM



3 - 5 μm



PL



4,5 m² (49 ft²)



0,9 kg (2.0 lb.)



+GF + Agie Charmilles



H 15 475



3 - 5 μm



ST

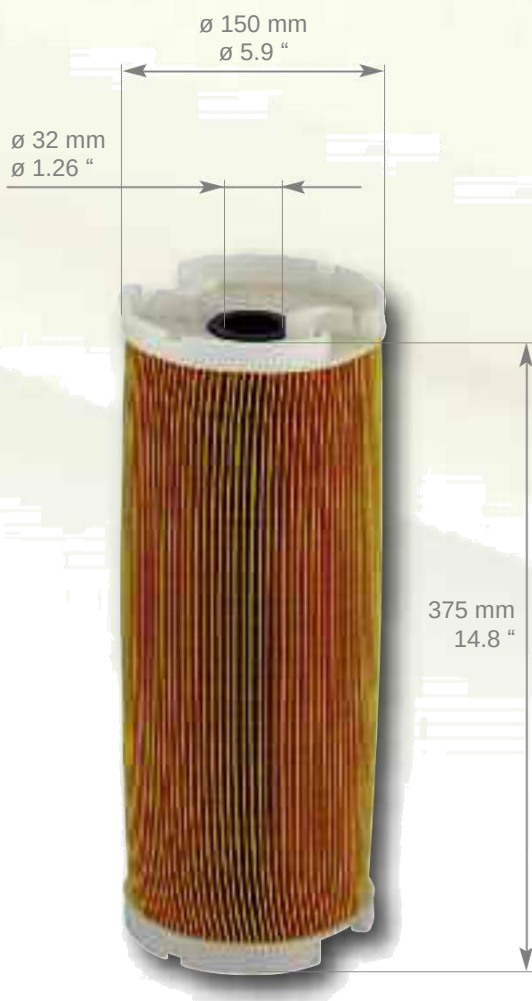


4,7 m^2 (51 ft^2)



1,7 kg (3.7 lb.)

+GF + Agie Charmilles



H 15 190/10



10 μm



2,8 m² (30 ft²)



PL



0,7 kg (1.5 lb.)



+GF + Agie Charmilles



H 15 475/10



10 µm



2,8 m² (30 ft²)



ST



0,8 kg (1.8 lb.)

+GF + Agie Charmilles



H 15 190 N



10 μm

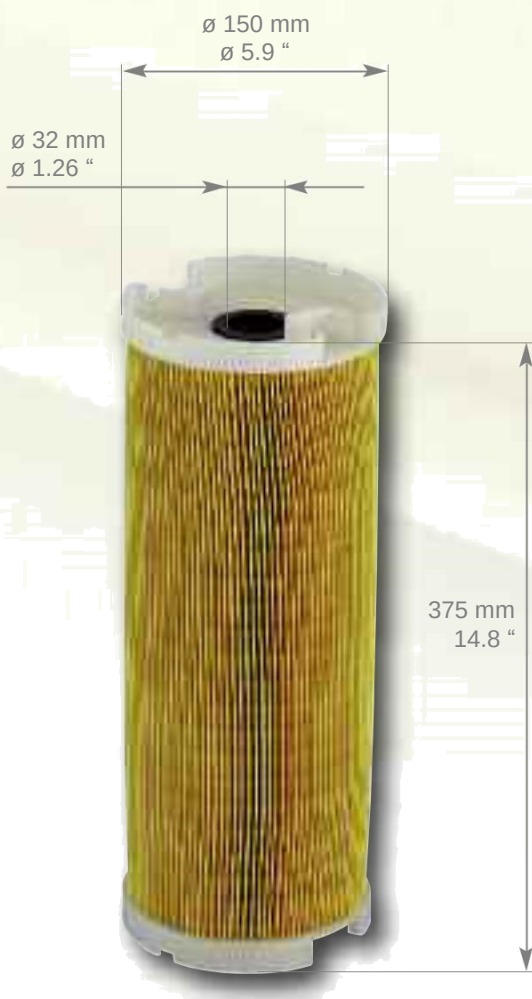


2,1 m^2 (22 ft^2)



1,4 kg (3.1 lb.)

+GF + Agie Charmilles



H 15 190/25



25 μm



2,3 m^2 (25 ft^2)



PL



0,8 kg (1.8 lb.)



+GF + Agie Charmilles



H 15 190/12



25 μm



2,2 m² (23 ft²)



1,4 kg (3.7 lb.)

+GF + Agie Charmilles



H 34 1490/14 Kit



1 - 2 μm



6,4 kg (14.1 lb.)

+GF + Agie Charmilles



H 34 1390/1



1 - 2 μ m



13,5 m² (145 ft²)



6,4 kg (14.1 lb.)

+GF + Agie Charmilles



H 34 1380/1



1 - 2 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)



+GF + Agie Charmilles



H 34 1070/1



1 - 2 μm



9,2 m² (99 ft²)



6,5 kg (13.2 lb.)

+GF + Agie Charmilles



H 34 1290/3



3 - 5 μm



10,5 m² (113 ft²)



PL



6,2 kg (13.7 lb.)

+GF + Agie Charmilles



H 34 1070/20



3 - 5 μm



10,7 m² (115 ft²)



6,4 kg (14.1 lb.)

+GF + Agie Charmilles



H 34 1390



3 - 5 μ m



13,5 m² (145 ft²)



6,4 kg (14.1 lb.)

+GF + Agie Charmilles



H 34 1380/20 Kit



3 - 5 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)

+GF + Agie Charmilles



H 34 1390/2



10 μ m



12,8 m² (138 ft²)



5,7 kg (12.6 lb.)

+GF + Agie Charmilles



H 34 1390/3



25 μm



10,2 m² (110 ft²)



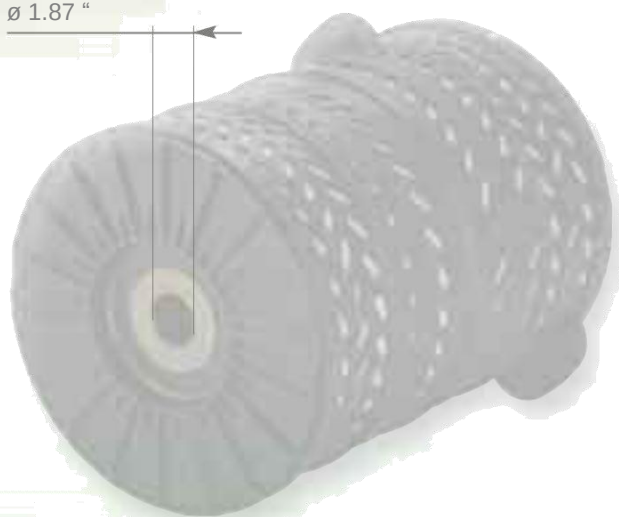
5,7 kg (12.6 lb.)

+GF + Agie Charmilles



H 34 1790/3

$\varnothing 47,5 \text{ mm}$
 $\varnothing 1.87 \text{ "}$



3 - 5 μm



14,5 m² (156 ft²)



PL



6,6 kg (14.6 lb.)



+GF + Agie Charmilles



H 34 1158/20



3 - 5 μm



14,5 m² (156 ft²)



8,8 kg (19.4 lb.)

+GF + Agie Charmilles



H 34 1158/21

450 mm

17.7''

$\varnothing 47,5 \text{ mm}$

$\varnothing 1.87''$



3 - 5 μm



14,5 m² (156 ft²)



8,8 kg (19.4 lb.)

+GF + Agie Charmilles



H 34 2090 Kit



3 - 5 μ m



20,6 m² (222 ft²)



8,1 kg (17.9 lb.)



+GF + Agie Charmilles



H 34 2240/20 Kit



3 - 5 μm



22,4 m² (241 ft²)



ST



11,8 kg (26.0 lb.)



Mitsubishi Electric

Mitsubishi Electric



H 31 967/20



3 - 5 μm



9,5 m² (103 ft²)



7,0 kg (15.4 lb.)

Mitsubishi Electric



H 31 1033/20



3 - 5 μm



9,9 m^2 (107 ft^2)



6,6 kg (14.6 lb.)

Mitsubishi Electric



H 31 1680/1 Kit



3 - 5 μm



16,6 m² (179 ft²)



8,9 kg (19.6 lb.)



Mitsubishi Electric



H 34 1490/14 Kit



1 - 2 μm



6,4 kg (14.1 lb.)

Mitsubishi Electric



H 34 1380/1



1 - 2 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)



Mitsubishi Electric



H 34 1390



3 - 5 μm



13,5 m² (145 ft²)



6,4 kg (14.1 lb.)

Mitsubishi Electric



H 34 1380/20 Kit



3 - 5 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)

Mitsubishi Electric



H 34 1390/2



10 µm



12,8 m² (138 ft²)



5,7 kg (12.6 lb.)

Mitsubishi Electric



H 34 1390/3



25 µm



10,2 m² (110 ft²)



PL



5,7 kg (12.6 lb.)

Mitsubishi Electric



H 34 2090 Kit



WEDM



3 - 5 μm



PL



20,6 m² (222 ft²)



8,1 kg (17.9 lb.)



inkl.

Mitsubishi Electric



H 34 2240/20 Kit



3 - 5 µm



22,4 m² (241 ft²)



inkl.



ST



11,8 kg (26.0 lb.)



Makino

Makino



H 26 644/20



3 - 5 μm



5,4 m² (58 ft²)



3,7 kg (8.1 lb.)

Makino



H 26 644/21



3 - 5 μm



5,4 m² (58 ft²)



4,5 kg (8.8 lb.)

Makino



H 31 967/20



3 - 5 μm



9,5 m² (103 ft²)



7,0 kg (15.4 lb.)

Makino



H 31 1033/20



3 - 5 μm



9,9 m² (107 ft²)



6,6 kg (14.6 lb.)

Makino



H 31 1680/1 Kit



3 - 5 μm



16,6 m² (179 ft²)



8,9 kg (19.6 lb.)



Makino



H 34 1490/14 Kit



1 - 2 μm



6,4 kg (14.1 lb.)

Makino



H 34 1380/1



1 - 2 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)



Makino



H 34 1390



3 - 5 µm



13,5 m² (145 ft²)



6,4 kg (14.1 lb.)

Makino



H 34 1380/20 Kit



3 - 5 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)

Makino



H 34 1390/2



10 μm



12,8 m² (138 ft²)



5,7 kg (12.6 lb.)

Makino



H 34 1390/3



25 µm

10,2 m² (110 ft²)

PL

5,7 kg (12.6 lb.)



Fanuc

Fanuc



H 34 1490/14 Kit



1 - 2 μm

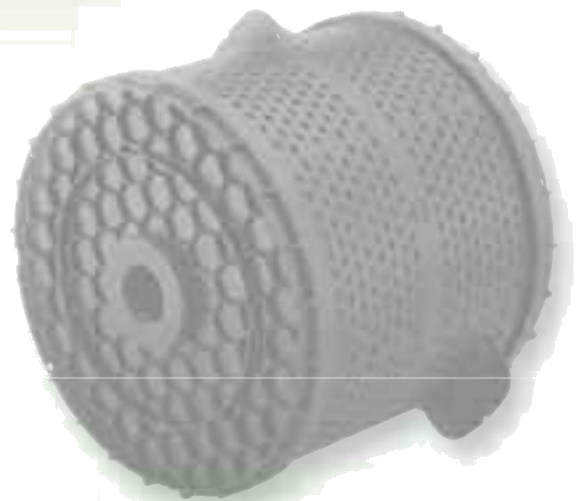


6,4 kg (14.1 lb.)

Fanuc



H 34 1490/15



1 - 2 μm



6,4 kg (14.1 lb.)

Fanuc



H 34 1070/1



1 - 2 μm



9,2 m² (99 ft²)



6,5 kg (13.2 lb.)

Fanuc



H 34 1290/3



3 - 5 μm



10,5 m² (113 ft²)



PL



6,2 kg (13.7 lb.)

Fanuc



H 34 1070/20



3 - 5 μm



10,7 m² (115 ft²)



6,4 kg (14.1 lb.)

Fanuc



H 34 1380/1



1 - 2 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)



Fanuc



H 34 1390



3 - 5 μm



13,5 m² (145 ft²)



6,4 kg (14.1 lb.)

Fanuc



H 34 1380/20 Kit



3 - 5 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)

Fanuc



H 34 1390/2



10 μm



12,8 m² (138 ft²)



5,7 kg (12.6 lb.)

Fanuc



H 34 1390/3



25 µm



10,2 m² (110 ft²)



PL



5,7 kg (12.6 lb.)

Fanuc



H 34 2090 Kit



3 - 5 μ m



20,6 m² (222 ft²)



8,1 kg (17.9 lb.)

Fanuc



H 34 1158/20



3 - 5 μm



14,5 m² (156 ft²)



8,8 kg (19.4 lb.)

Fanuc



H 34 2240/20 Kit



3 - 5 μm



22,4 m² (241 ft²)



11,8 kg (26.0 lb.)

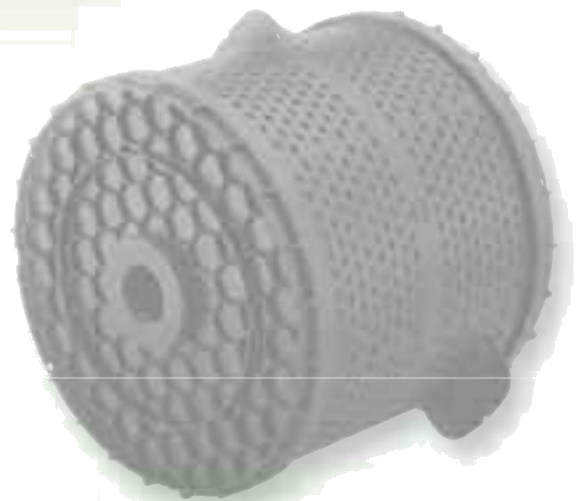
The image displays a collection of Sodick laser-cut components. In the center, three black cylindrical parts with intricate laser-cut patterns are stacked. To their right, a larger black cylindrical component lies horizontally, revealing a central orange-colored bore. In the foreground, two large, light-gray, flange-like parts are visible, also featuring laser-cut patterns. The background consists of several large, light-colored, curved panels, possibly made of a composite material. The entire scene is set against a white background with a subtle, repeating geometric pattern.

Sodick

Sodick



H 34 1490/15



1 - 2 μm



6,4 kg (14.1 lb.)

Sodick



H 34 1070/1



1 - 2 μm



9,2 m² (99 ft²)



6,5 kg (13.2 lb.)

Sodick



H 34 1290/3



3 - 5 μm



10,5 m² (113 ft²)



PL



6,2 kg (13.7 lb.)

Sodick



H 34 1070/20



3 - 5 μm



10,7 m² (115 ft²)



6,4 kg (14.1 lb.)

Sodick



H 34 1158/20



3 - 5 μm



14,5 m² (156 ft²)

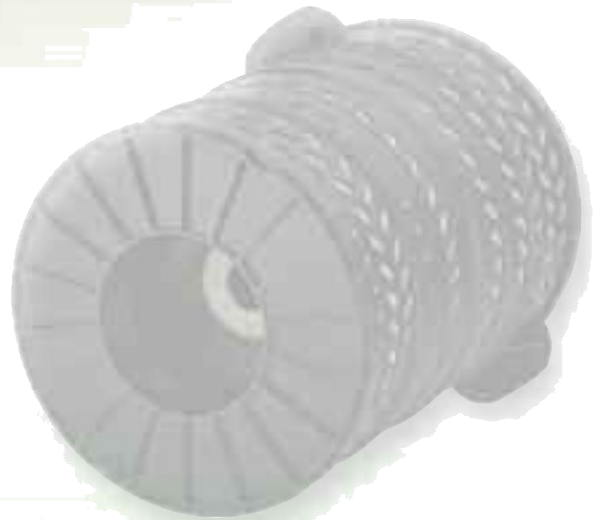


8,8 kg (19.4 lb.)

Sodick



H 34 1790



3 - 5 μ m



17,0 m² (183 ft²)



PL



7,8 kg (17.2 lb.)





Seibu

Seibu



H 31 1033/20



3 - 5 μm



9,9 m^2 (107 ft^2)



6,6 kg (14.6 lb.)

Seibu



H 31 1680/1 Kit



3 - 5 μm



16,6 m² (179 ft²)



inkl.



8,9 kg (19.6 lb.)



Seibu



H 34 1490/14 Kit



1 - 2 μm



6,4 kg (14.1 lb.)

Seibu



H 34 1380/1



1 - 2 μm



14,2 m² (153 ft²)



8,5 kg (18.7 lb.)



Seibu



H 34 1390



3 - 5 μ m



13,5 m² (145 ft²)



inkl.



PL



6,4 kg (14.1 lb.)

Seibu



H 34 1380/20 Kit



3 - 5 μm



14,2 m² (153 ft²)

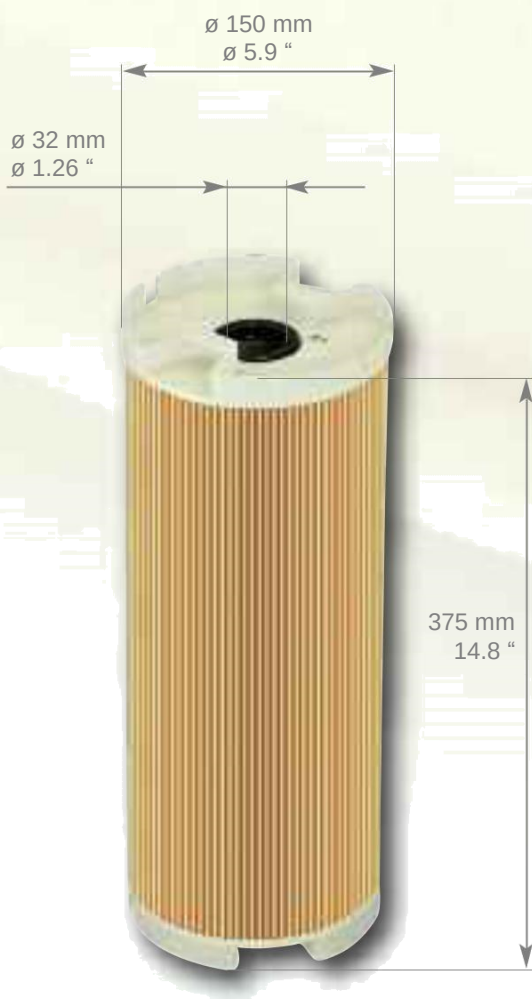


8,5 kg (18.7 lb.)



OPS-Ingersoll

OPS-Ingersoll



H 15 190/16



3 - 5 μm



3,1 m^2 (33 ft^2)



0,8 kg (1.8 lb.)



OPS-Ingersoll



H 15 190/6 N



3 - 5 μm



2,8 m² (30 ft²)

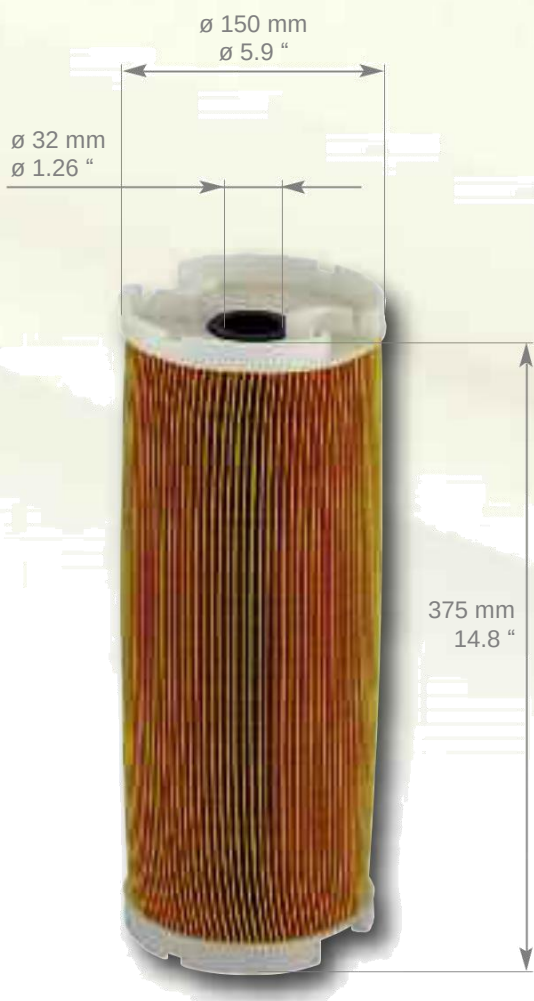


ST



1,5 kg (3.3 lb.)

OPS-Ingersoll



H 15 190/10



10 µm



2,8 m² (30 ft²)



PL



0,7 kg (1.5 lb.)



OPS-Ingersoll



H 15 475/10



10 µm



2,8 m² (30 ft²)



ST



0,8 kg (1.8 lb.)

OPS-Ingersoll



H 15 190 N



10 μm



2,1 m^2 (22 ft^2)



1,4 kg (3.1 lb.)

OPS-Ingersoll



H 31 1033/21



3 - 5 μm



9,9 m^2 (107 ft^2)



6,6 kg (14.6 lb.)

OPS-Ingersoll



H 31 1680/1 Kit



3 - 5 µm



16,6 m² (179 ft²)



inkl.



8,9 kg (19.6 lb.)





Sonstige EDM Filter / Miscellaneous EDM Filters

AEG



H 15 135 PN



3 - 5 μm



2,1 m^2 (23 ft^2)



1,0 (2.2 lb.)

AEG



H 15 135 N



10 μm



1,8 m^2 (19 ft^2)



1,0 (2.2 lb.)

Agemaspark



H 1096



3 - 5 μ m



0,9 m² (10 ft²)



ST



0,4 (0.8 lb.)

Electronica



H 14 001



10 μm



3,0 m² (32 ft²)



0,8 kg (1.8 lb.)

Electronica



H 15 290/10



10 μm



2,8 m² (30 ft²)



0,7 (1.6 lb.)

Electronica



H 15 290/25



25 μm



2,3 m^2 (25 ft^2)

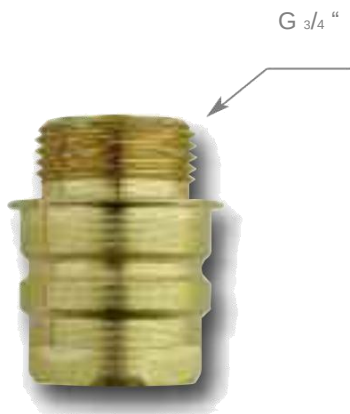


0,8 (1.8 lb.)



Zubehör / Accessories

Zubehör / Accessories



Fanuc



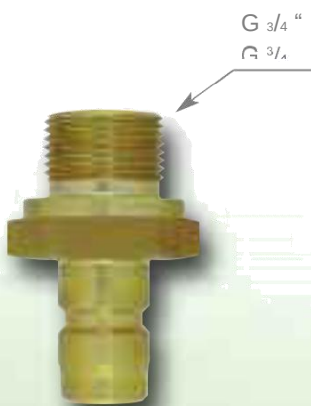
21 027 15 174



Fanuc



21 027 15 211



Mitsubishi Electric,
Makino, Seibu,
Joemars, Accutex



21 027 15 181



Mitsubishi Electric,
Makino, Seibu,
Joemars, Accutex



21 027 15 212



Zubehör / Accessories



OPS-Ingersoll



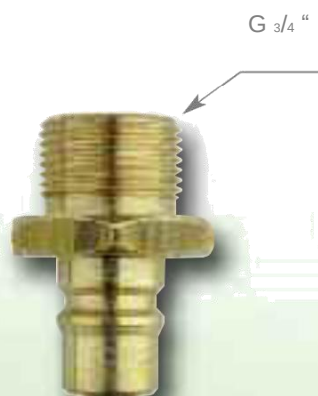
21 027 15 171



OPS-Ingersoll



21 027 15 213



Hitachi



21 027 15 175



01 901 20 027

Zubehör / Accessories



67 830 49 001
H 15...  E-Line



67 092 49 001
H 31... & H 34...



Fanuc



67 000 50 920
H 34 1790/2,
H 34 1790/3



Fanuc,
Mitsubishi Electric,
Makino, Seibu,
Joemars, Accutex



67 000 50 930



Fanuc,
Mitsubishi Electric,
Makino, Seibu,
Joemars, Accutex



67 000 50 940

Zubehör / Accessories



63 400 62 211



63 400 51 141



0,85 kg (1.9 lb.)



Zubehör / Accessories



63 400 62 221



0,83 kg (1.8 lb.)



63 400 51 141



Zubehör / Accessories



63 400 62 231



63 400 51 141



0,83 kg (1.8 lb.)



Zubehör / Accessories



63 400 62 201



0,58 kg (1.3 lb.)



63 400 51 131



Zubehör / Accessories



63 400 51 141



PL

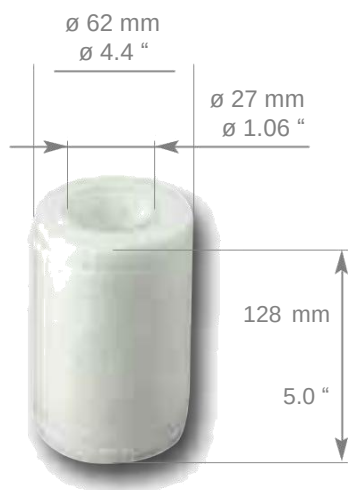


0,14 kg (0.3 lb.)

Zubehör / Accessories



63 400 51 131



PL



0,07 kg (0.2 lb.)

Zubehör / Accessories



63 400 51 121
+GF + Agie Charmilles



PL



0,07 kg (0.2 lb.)

