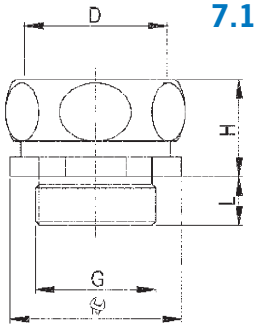

7.1.1 Entlüftungsstutzen

Material: Messing vernickelt
Filterscheibe: Sinterbronze
Einsatztemp.: Von -50°/+300°C
Filtergrad: 4 (Filterfeinheit 0,05-0,075)
Die Filterscheibe ist spritzwasser- und insektensicher

Venting connections

Material: Nickel-plated brass
Filter disc: Sintered bronze
Temp. range: -50°/+300°C
Degree of filter: 4 (filter fineness 0,05-0,075)
The filter disc is splash-proof and insect proof.

AGRO No	M/Pg	mm	mm	H mm	L mm	
Anschlussgewinde metrisch				**Entry thread metric**		
2117.928	M16x1,5	17	23/25	17	10	25
2120.928	M20x1,5	21	27/29	18	10	25
2125.928	M25x1,5	27	34/36	23	11	25
2132.928	M32x1,5	36	43/45	24	13	25
Anschlussgewinde Pg				**Entry thread Pg**		
2111.928	Pg 11	22	28	18	7,0	50
2113.928	Pg 13	22	28	18	7,0	50
2116.928	Pg 16	22	28	18	7,0	50
2121.928	Pg 21	22	28/32	18	7,5	25

7.1.2 Richtungsfeststeller

Adjustable fixings

Besonders geeignet für die richtungsstabile Montage von Winkeln.

Material: Messing vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C

For mounting of elbows, which can not be turned during the assembly.

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C

Anschlussgewinde metrisch			**Entry thread metric**		
5000.17.50	M16x1,5	18	14,0	6,0	50
5000.20.50	M20x1,5	22	14,5	6,5	50
5000.25.50	M25x1,5	28	17,0	7,0	50
5000.32.50	M32x1,5	35	17,0	8,0	50
Anschlussgewinde Pg			**Entry thread Pg**		
5009.50	Pg 9	17	13,5	6,0	50
5011.50	Pg 11	20	14,5	6,0	50
5013.50	Pg 13	22	15,0	7,0	50
5016.50	Pg 16	24	15,0	7,0	50
5021.50	Pg 21	30	18,0	7,0	25
5029.50	Pg 29	40	19,0	8,0	25

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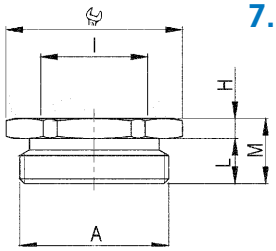

7.3.1 Reduktionsflansche Messing (M-M, M-Pg)

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Reduction fittings nickel-plated brass (M-M, M-Pg)

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

AGRO No	A	I	mm	M mm	H mm	L mm	
Gewinde aussen: metrisch Gewinde innen: metrisch				**Outer thread: metric Inner thread: metric**			
3500.08.06	M 8x1,25[1)]	M 6x1,0[1)]	11	13,0	8,0	5	50
3500.10.06	M10x1,5[1)]	M 6x1,0[1)]	13	8,0	3,0	5	50
3500.10.08	M10x1,5[1)]	M 8x1,25[1)]	13	13,0	8,0	5	50
3500.12.08	M12x1,5	M 8x1,25[1)]	15	8,0	3,0	5	50
3500.12.10	M12x1,5	M10x1,5[1)]	15	13,0	8,0	5	50
3500.17.10	M16x1,5	M10x1,5[1)]	18	8,0	3,0	5	50
3500.17.12	M16x1,5	M12x1,5	18	8,0	3,0	5	50
3500.20.12	M20x1,5	M12x1,5	24	9,0	3,0	6	25
3500.20.17	M20x1,5	M16x1,5	24	9,0	3,0	6	25
3500.25.17	M25x1,5	M16x1,5	30	10,5	3,5	7	25
3500.25.20	M25x1,5	M20x1,5	30	10,5	3,5	7	25
3500.32.20	M32x1,5	M20x1,5	36	12,0	4,0	8	20
3500.32.25	M32x1,5	M25x1,5	36	12,0	4,0	8	20
3500.40.25	M40x1,5	M25x1,5	46	12,5	4,5	8	10
3500.40.32	M40x1,5	M32x1,5	46	12,5	4,5	8	10
3500.50.32	M50x1,5	M32x1,5	55	14,0	5,0	9	10
3500.50.40	M50x1,5	M40x1,5	55	14,0	5,0	9	10
3500.63.40	M63x1,5	M40x1,5	70	15,5	5,5	10	5
3500.63.50	M63x1,5	M50x1,5	70	15,5	5,5	10	5
3500.75.50	M75x1,5	M50x1,5	80	17,0	6,0	11	5
3500.75.63	M75x1,5	M63x1,5	80	17,0	6,0	11	5

[1)] Metrisches Regelgewinde

[1)] metric coarse pitch thread

Gewinde aussen: metrisch Gewinde innen: Pg				**Outer thread: metric Inner thread: Pg**			
3500.17.07	M16x1,5	Pg 7	20	10,0	3,0	7	50
3500.20.07	M20x1,5	Pg 7	24	10,0	3,0	7	50
3500.20.09	M20x1,5	Pg 9	24	10,0	3,0	7	50
3500.20.11	M20x1,5	Pg 11	24	20,0	13,0	7	50
3500.25.09	M25x1,5	Pg 9	30	11,5	3,5	8	50
3500.25.11	M25x1,5	Pg 11	30	11,5	3,5	8	50
3500.25.13	M25x1,5	Pg 13	30	11,5	3,5	8	50
3500.25.16	M25x1,5	Pg 16	30	23,0	15,0	8	25
3500.32.21	M32x1,5	Pg 21	38	24,0	16,0	8	25
3500.40.29	M40x1,5	Pg 29	45	24,0	16,0	8	10
3500.50.29	M50x1,5	Pg 29	55	14,0	4,0	10	10
3500.63.36	M63x1,5	Pg 36	70	16,5	5,5	11	10

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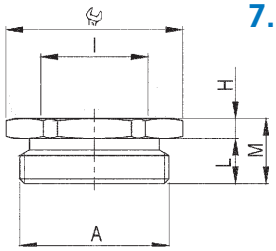

7.3.2

Reduktionsflansche Messing (Pg-M)

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Reduction fittings nickel-plated brass (Pg-M)

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

AGRO No	A	I	mm	M mm	H mm	L mm	
Gewinde aussen: Pg Gewinde innen: metrisch				**Outer thread: Pg Inner thread: metric**			
3500.07.06	Pg 7	M 6x1,0[1)]	15	9,0	3,0	6,0	50
3500.07.08	Pg 7	M 8x1,25[1)]	15	9,0	3,0	6,0	50
3500.07.10	Pg 7	M10x1,5[1)]	15	13,0	7,0	6,0	50
3500.09.06	Pg 9	M 6x1,0[1)]	18	9,0	3,0	6,0	50
3500.09.08	Pg 9	M 8x1,25[1)]	18	9,0	3,0	6,0	50
3500.09.10	Pg 9	M10x1,5[1)]	18	9,0	3,0	6,0	50
3500.09.12	Pg 9	M12x1,5	18	14,0	8,0	6,0	50
3500.11.06	Pg 11	M 6x1,0[1)]	21	9,0	3,0	6,0	50
3500.11.08	Pg 11	M 8x1,25[1)]	21	9,0	3,0	6,0	50
3500.11.10	Pg 11	M10x1,5[1)]	21	9,0	3,0	6,0	50
3500.11.12	Pg 11	M12x1,5	21	9,0	3,0	6,0	50
3500.11.17	Pg 11	M16x1,5	21	14,0	8,0	6,0	50
3500.13.12	Pg 13	M12x1,5	24	9,0	3,0	6,0	50
3500.13.17	Pg 13	M16x1,5	24	9,0	3,0	6,0	50
3500.16.12	Pg 16	M12x1,5	24	9,0	3,0	6,0	25
3500.16.17	Pg 16	M16x1,5	24	9,0	3,0	6,0	25
3500.16.20	Pg 16	M20x1,5	24	16,5	10,5	6,0	25
3500.21.17	Pg 21	M16x1,5	30	11,0	3,5	7,5	25
3500.21.20	Pg 21	M20x1,5	30	11,0	3,5	7,5	25
3500.21.25	Pg 21	M25x1,5	30	18,0	10,5	7,5	25
3500.29.25	Pg 29	M25x1,5	38	12,0	4,0	8,0	20
3500.29.32	Pg 29	M32x1,5	38	21,0	13,0	8,0	20
3500.36.32	Pg 36	M32x1,5	50	12,5	4,5	8,0	10
3500.36.40	Pg 36	M40x1,5	50	12,5	4,5	8,0	10
3500.42.32	Pg 42	M32x1,5	55	15,0	5,0	10,0	10
3500.42.40	Pg 42	M40x1,5	55	15,0	5,0	10,0	10
3500.42.50	Pg 42	M50x1,5	55	25,0	15,0	10,0	10
3500.48.40	Pg 48	M40x1,5	65	16,5	5.5	11,0	5
3500.48.50	Pg 48	M50x1,5	65	16,5	5.5	11,0	5

[1)] **Metrisches Regelgewinde**

[1)] **Metric coarse pitch thread**

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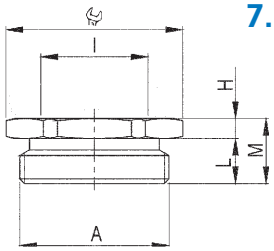

7.3.3

Reduktionsflansche Messing (Pg-Pg)

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Reduction fittings nickel-plated brass (Pg-Pg)

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

AGRO No	A	I	mm	M mm	H mm	L mm	
	Gewinde aussen: Pg			**Outer thread: Pg**			
	Gewinde innen: Pg			**Inner thread: Pg**			
3509.07	Pg 9	Pg 7	18	9,5	3,0	6,5	50
3511.07	Pg 11	Pg 7	20	9,5	3,0	6,5	50
3511.09	Pg 11	Pg 9	22	10,0	3,0	7,0	50
3513.07	Pg 13	Pg 7	24	10,0	3,0	7,0	50
3513.09	Pg 13	Pg 9	24	10,0	3,0	7,0	50
3513.11	Pg 13	Pg 11	24	10,0	3,0	7,0	50
3516.09	Pg 16	Pg 9	24	10,0	3,0	7,0	50
3516.11	Pg 16	Pg 11	24	10,0	3,0	7,0	50
3516.13	Pg 16	Pg 13	27	10,0	3,0	7,0	50
3521.11	Pg 21	Pg 11	32	11,0	3,5	7,5	25
3521.13	Pg 21	Pg 13	32	11,0	3,5	7,5	25
3521.16	Pg 21	Pg 16	32	11,0	3,5	7,5	25
3529.13	Pg 29	Pg 13	38	12,0	4,0	8,0	10
3529.16	Pg 29	Pg 16	38	12,0	4,0	8,0	10
3529.21	Pg 29	Pg 21	38	12,0	4,0	8,0	10
3536.21	Pg 36	Pg 21	50	13,0	4,5	8,5	10
3536.29	Pg 36	Pg 29	50	13,0	4,5	8,5	10
3542.29	Pg 42	Pg 29	60	15,0	4,0	11,0	10
3542.36	Pg 42	Pg 36	58	15,0	4,0	11,0	10
3548.48.36	Pg 48	Pg 36	64	15,0	4,0	11,0	10

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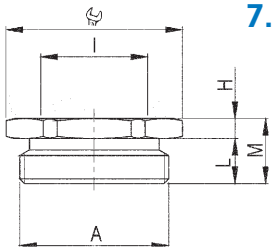

7.3.4

Reduktionsflansche Messing (G"-Pg, NPT-Pg, NPSM-Pg)

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Reduction fittings nickel-plated brass (G"-Pg, NPT-Pg, NPSM-Pg)

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

Gewinde aussen: Pg
Gewinde innen: Gasrohr

Outer thread: Pg
Inner thread: gas-pipe

AGRO No	A	I	mm	M mm	H mm	L mm	
35133/8G	13	G 3/8"	24	10,0	3,0	7	50
353/8G.07	G 3/8"	Pg 7	20	13,0	3,0	10,0	50
351/2G.09	G 1/2"	Pg 9	24	12,5	3,0	9,5	50
353/4G.09	G 3/4"	Pg 9	30	14,5	3,5	11,0	50
353/4G.11	G 3/4"	Pg 11	30	14,5	3,5	11,0	50
353/4G.16	G 3/4"	Pg 16	32	14,5	3,5	11,0	50
351G.21	G 1"	Pg 21	38	14,5	3,5	11,0	25
3511/4G.29	G 1 1/4"	Pg 29	50	16,0	5,0	11,0	25
3548.36	G 2"	Pg 36	64	16,0	5,0	11,0	10
3548.42	G 2"	Pg 42	64	16,0	5,0	11,0	10

Gewinde aussen: NPT
Gewinde innen: Pg

Outer thread: NPT
Inner thread: Pg

351/2NPT.09	NPT 1/2"	Pg 9	22	24,5	4,5	20	50
353/4NPT.11	NPT 3/4"	Pg 11	30	24,0	4,0	20	10
353/4NPT.13	NPT 3/4"	Pg 13	30	24,0	4,0	20	10
351NPT.16	NPT 1"	Pg 16	36	32,0	6,0	26	10

Gewinde aussen: NPSM
Gewinde innen: Pg

Outer thread: NPSM
Inner thread: Pg

351/2NPSM.09	NPSM 1/2"	Pg 9	22	11	3,0	8	10

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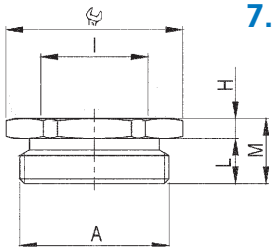

7.3.5 Reduktionsflansche Kunststoff (M-M, Pg-Pg)

Material: Polyamid glasfaserverstärkt
Einsatztemp.: Von -20°/+100°C
Farbe: Hellgrau
Schutzart: IP 50

Synthetic reduction fittings (M-M, Pg-Pg)

Material: Polyamide glass-fiber reinforced
Temp. range: -20°/+100°C
Colour: light grey
Protection class: IP 50

AGRO No	A	I	mm	M mm	H mm	L mm	
Gewinde aussen: metrisch Gewinde innen: metrisch				**Outer thread: metric Inner thread: metric**			
3417.12	M16x1,5	M12x1,5	24	12	4	8	50
3420.12	M20x1,5	M12x1,5	24	12	4	8	50
3420.17	M20x1,5	M16x1,5	24	12	4	8	50
3425.12	M25x1,5	M12x1,5	29	14	6	8	50
3425.17	M25x1,5	M16x1,5	29	14	6	8	50
3425.20	M25x1,5	M20x1,5	29	14	6	8	50
3432.12	M32x1,5	M12x1,5	36	16	6	10	25
3432.17	M32x1,5	M16x1,5	36	16	6	10	25
3432.20	M32x1,5	M20x1,5	36	16	6	10	25
3432.25	M32x1,5	M25x1,5	36	16	6	10	25
3440.20	M40x1,5	M20x1,5	46	16	6	10	25
3440.25	M40x1,5	M25x1,5	46	16	6	10	25
3440.32	M40x1,5	M32x1,5	46	16	6	10	25
3450.25	M50x1,5	M25x1,5	55	18	6	12	10
3450.32	M50x1,5	M32x1,5	55	18	6	12	10
3450.40	M50x1,5	M40x1,5	55	18	6	12	10
3463.32	M63x1,5	M32x1,5	68	18	6	12	5
3463.40	M63x1,5	M40x1,5	68	18	6	12	5
3463.50	M63x1,5	M50x1,5	68	18	6	12	5
Gewinde aussen: Pg Gewinde innen: Pg				**Outer thread: Pg Inner thread: Pg**			
3409.07	Pg 9	Pg 7	19	20	12	8	50
3411.07	Pg 11	Pg 7	22	11	3	8	50
3411.09	Pg 11	Pg 9	22	22	15	8	50
3413.09	Pg 13	Pg 9	24	12	3	9	50
3413.11	Pg 13	Pg 11	24	25	15	9	50
3416.09	Pg 16	Pg 9	27	14	5	9	50
3416.11	Pg 16	Pg 11	27	14	5	9	50
3416.13	Pg 16	Pg 13	27	27	17	10	50
3421.13	Pg 21	Pg 13	32	16	5	11	25
3421.16	Pg 21	Pg 16	32	16	5	11	25
3429.21	Pg 29	Pg 21	41	18	6	12	10
3436.29	Pg 36	Pg 29	50	23	6	14	10

(M-M, Pg-M, M-Pg)

(M-M, Pg-M, M-Pg)

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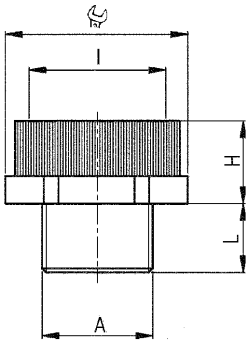
7.3.6 Reduktionsflansche Kunststoff (Pg-M, M-Pg)

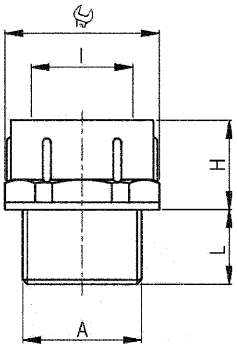
Material: Polyamid glasfaserverstärkt
Einsatztemp.: Von -20°/+100°C
Farbe: Hellgrau
Schutzart: IP 50

Synthetic reduction fittings (Pg-M, M-Pg)

Material: Polyamide glass-fiber reinforced
Temp. range: -20°/+100°C
Colour: light grey
Protection class: IP 50



AGRO No	A	I	mm	H mm	L mm	
Gewinde aussen: Pg Gewinde innen: metrisch				**Outer thread: Pg Inner thread: metric**		
3407.12	Pg 7	M12x1,5	15	20,0	8,0	50
3409.12	Pg 9	M12x1,5	19	20,0	8,0	50
3411.17	Pg 11	M16x1,5	22	20,0	8,0	50
3413.17	Pg 13	M16x1,5	24	21,0	9,0	50
3413.20	Pg 13	M20x1,5	24	21,0	9,0	50
3416.20	Pg 16	M20x1,5	27	22,0	10,0	50
3421.25	Pg 21	M25x1,5	33	23,5	11,0	25
3429.32	Pg 29	M32x1,5	42	25,5	11,0	10



Gewinde aussen: metrisch Gewinde innen: Pg				**Outer thread: metric Inner thread: Pg**		
3417.09	M16x1,5	Pg 9	19	24,5	11,0	50
3420.11	M20x1,5	Pg 11	22	26,5	11,0	50
3425.16	M25x1,5	Pg 16	27	29,0	11,0	50
3440.29	M40x1,5	Pg 29	42	34,0	11,0	25
3450.36	M50x1,5	Pg 36	53	37,0	11,0	10
3463.48	M63x1,5	Pg 48	65	40,0	11,0	5

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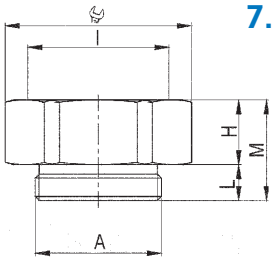

7.3.7

Erweiterungen Messing (M-M, M-Pg)

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Enlarging fittings nickel-plated brass (M-M, M-Pg)

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

AGRO No	A	I	mm	M mm	H mm	L mm	
Gewinde aussen: metrisch Gewinde innen: metrisch				**Outer thread: metric Inner thread: metric**			
3600.06.08	M 6x1,0[1)]	M 8x1,25[1)]	11	13,5	8,5	5	50
3600.06.10	M 6x1,0[1)]	M10x1,5[1)]	13	13,5	8,5	5	50
3600.08.10	M 8x1,25[1)]	M10x1,5[1)]	13	14,0	9,0	5	50
3600.08.12	M 8x1,25[1)]	M12x1,5	15	14,0	9,0	5	50
3600.10.12	M10x1,5[1)]	M12x1,5	15	14,0	9,0	5	50
3600.10.17	M10x1,5[1)]	M16x1,5	18	14,0	9,0	5	50
3600.12.17	M12x1,5	M16x1,5	18	14,0	9,0	5	50
3600.12.20	M12x1,5	M20x1,5	24	15,0	10,0	5	50
3600.17.20	M16x1,5	M20x1,5	24	15,0	10,0	5	50
3600.20.25	M20x1,5	M25x1,5	30	17,5	11,5	6	25
3600.25.32	M25x1,5	M32x1,5	36	21,0	14,0	7	25
3600.32.40	M32x1,5	M40x1,5	46	22,0	14,0	8	25
3600.40.50	M40x1,5	M50x1,5	55	24,0	16,0	8	10
3600.50.63	M50x1,5	M63x1,5	70	26,0	17,0	9	10
3600.63.75	M63x1,5	M75x1,5	80	28,0	18,0	10	10

[1)] Metrisches Regelgewinde

[1)] metric coarse pitch thread

Gewinde aussen: metrisch Gewinde innen: Pg				**Outer thread: metric Inner thread: Pg**			
3600.10.07	M10x1,5[1)]	Pg 7	16	18,0	12,0	6	50
3600.10.09	M10x1,5[1)]	Pg 9	18	18,0	12,0	6	50
3600.12.09	M12x1,5	Pg 9	18	19,0	12,0	7	50
3600.17.11	M16x1,5	Pg 11	22	21,0	14,0	7	50
3600.20.13	M20x1,5	Pg 13	24	22,0	15,0	7	50
3600.20.16	M20x1,5	Pg 16	24	22,0	15,0	7	50
3600.25.21	M25x1,5	Pg 21	32	24,0	16,0	8	25
3600.32.29	M32x1,5	Pg 29	40	24,0	16,0	8	25
3600.40.36	M40x1,5	Pg 36	50	26,0	18,0	8	20
3600.50.42	M50x1,5	Pg 42	60	29,0	19,0	10	10
3600.50.48	M50x1,5	Pg 48	64	30,0	20,0	10	10

[1)] Metrisches Regelgewinde

[1)] metric coarse pitch thread

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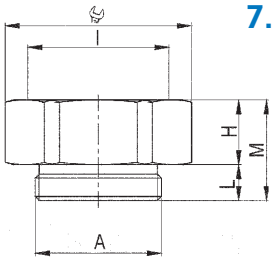

7.3.8

Erweiterungen Messing (Pg-M, Pg-Pg, Pg-G")

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Enlarging fittings nickel-plated brass (Pg-M, Pg-Pg, Pg-G")

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

AGRO No	A	I	mm	M mm	H mm	L mm	
Gewinde aussen: Pg Gewinde innen: metrisch				**Outer thread: Pg Inner thread: metric**			
3600.07.12	Pg 7	M12x1,5	15	15,0	9,0	6,0	50
3600.07.17	Pg 7	M16x1,5	18	15,0	9,0	6,0	50
3600.09.17	Pg 9	M16x1,5	18	15,5	9,5	6,0	50
3600.09.20	Pg 9	M20x1,5	24	16,5	10,5	6,0	50
3600.11.20	Pg 11	M20x1,5	24	16,5	10,5	6,0	50
3600.11.25	Pg 11	M25x1,5	30	17,5	11,5	6,0	25
3600.13.20	Pg 13	M20x1,5	24	16,5	10,5	6,0	50
3600.13.25	Pg 13	M25x1,5	30	17,5	11,5	6,0	25
3600.16.25	Pg 16	M25x1,5	30	17,5	11,5	6,0	25
3600.16.32	Pg 16	M32x1,5	36	19,5	13,5	6,0	25
3600.21.32	Pg 21	M32x1,5	36	21,5	14,0	7,5	25
3600.21.40	Pg 21	M40x1,5	46	21,5	14,0	7,5	20
3600.29.40	Pg 29	M40x1,5	46	22,0	14,0	8,0	20
3600.29.50	Pg 29	M50x1,5	55	24,0	16,0	8,0	10
3600.36.50	Pg 36	M50x1,5	55	24,0	16,0	8,0	10
3600.36.63	Pg 36	M63x1,5	70	25,0	17,0	8,0	10
3600.42.63	Pg 42	M63x1,5	70	27,0	17,0	10,0	10
3600.42.75	Pg 42	M75x1,5	80	28,0	18,0	10,0	10
3600.48.63	Pg 48	M63x1,5	70	28,0	17,0	11,0	10
3600.48.75	Pg 48	M75x1,5	80	29,0	18,0	11,0	10

Gewinde aussen: Pg Gewinde innen: Pg				**Outer thread: Pg Inner thread: Pg**			
3607.09.08	Pg 7	Pg 9	18	21	13	8	50
3609.11.08	Pg 9	Pg 11	22	23	15	8	50
3609.13.08	Pg 9	Pg 13	24	23	15	8	50
3611.13.08	Pg 11	Pg 13	24	23	15	8	50
3611.16.08	Pg 11	Pg 16	24	23	15	8	50
3611.21.08	Pg 11	Pg 21	32	24	16	8	50
3613.16.08	Pg 13	Pg 16	24	23	15	8	50
3616.21.08	Pg 16	Pg 21	32	24	16	8	25
3616.29.08	Pg 16	Pg 29	40	24	16	8	25
3621.29.08	Pg 21	Pg 29	40	24	16	8	25
3629.36.08	Pg 29	Pg 36	50	28	18	10	20
3636.42.08	Pg 36	Pg 42	60	31	19	12	10
3636.48.48.08	Pg 36	Pg 48	64	32	20	12	10

Gewinde aussen: Pg Gewinde innen: Gasrohr				**Outer thread: Pg Inner thread: gas-pipe**			
3636.48.08	Pg 36	G2"	64	32	20	12	10
3642.48.08	Pg 42	G2"	64	35	20	15	10

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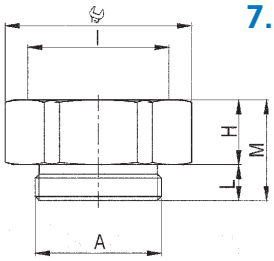

7.3.9

Erweiterungen Messing (Pg-G", G"-Pg, NPT-Pg, NPSM-Pg)

Material: Messing, vernickelt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Schutzart: IP 68

Enlarging fittings nickel-plated brass (Pg-G", G"-Pg, NPT-Pg, NPSM-Pg)

Material: Nickel-plated brass
O-ring: NBR
Temp. range: -20°/+100°C
Protection class: IP 68

AGRO No	A	I	mm	M mm	H mm	L mm	
Gewinde aussen: Pg Gewinde innen: Gasrohr				**Outer thread: Pg Inner thread: gas-pipe**			
36161/2G.08	Pg 16	G 1/2"	24	24,0	14,0	10	50
36213/4G.08	Pg 21	G 3/4"	32	26,0	14,0	12	25
Gewinde aussen: Gasrohr Gewinde innen: Pg				**Outer thread: gas-pipe Inner thread: Pg**			
363/8G.11.08	G 3/8"	Pg 11	20	22.0	12,0	10	50
361/2G.11.08	G 1/2"	Pg 11	24	22.0	12,0	10	50
361/2G.13.08	G 1/2"	Pg 13	24	22.0	12,0	10	50
361/2G.16.08	G 1/2"	Pg 16	24	22.0	12,0	10	50
365/8G.16.08	G 5/8"	Pg 16	24	22.0	12,0	10	50
363/4G.21.08	G 3/4"	Pg 21	32	27,0	15,0	12	25
367/8G.29.08	G 7/8"	Pg 29	41	27,0	15,0	12	25
361 G.29.08	G 1"	Pg 29	41	26,0	15.0	11	25
3611/4G.29.08	G 1 1/4"	Pg 29	45	27,0	15.0	12	10
3611/2G.36.08	G 1 1/2"	Pg 36	54	34,0	22,0	12	10
Gewinde aussen: NPT Gewinde innen: Pg				**Outer thread: NPT Inner thread: Pg**			
361/2NPT.11	NPT 1/2"	Pg 11	24	32.0	12,0	20	50
361/2NPT.13	NPT 1/2"	Pg 13	24	34,0	14,0	20	50
361/2NPT.16	NPT 1/2"	Pg 16	27	34,0	14,0	20	50
363/4NPT.21	NPT 3/4"	Pg 21	32	34,0	14,0	20	25
Gewinde aussen: NPSM Gewinde innen: Pg				**Outer thread: NPSM Inner thread: Pg**			
361/2NPSM.13.08	NPSM 1/2"	Pg 13	24	21,0	14,0	7	50

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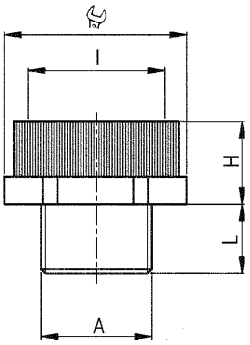
7.3.10 Erweiterungen Kunststoff (M-M, Pg-Pg, Pg-M, M-Pg)

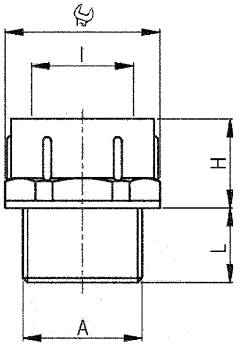
Material: Polyamid glasfaserverstärkt
O-Ring: NBR
Einsatztemp.: Von -20°/+100°C
Farbe: Hellgrau
Schutzart: IP 50

Synthetic enlarging fittings (M-M, Pg-Pg, Pg-M, M-Pg)

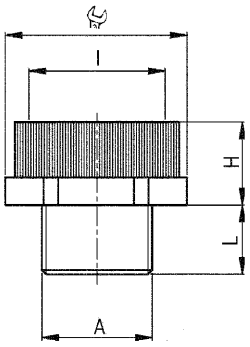
Material: Polyamide glass-fiber reinforced
O-ring: NBR
Temp. range: -20°/+100°C
Colour: light grey
Protection class: IP 50



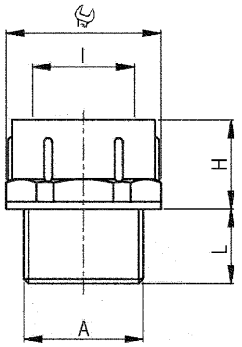
AGRO No	A	l	mm	H mm	L mm	
Gewinde aussen: metrisch Gewinde innen: metrisch				**Outer thread: metric Inner thread: metric**		
3712.17	M12x1,5	M16x1,5	20	12,5	8.0	50
3717.20	M16x1,5	M20x1,5	24	12,5	8,0	50
3720.25	M20x1,5	M25x1,5	30	13,0	8,0	50
3725.32	M25x1,5	M32x1,5	37	15,0	8,0	25
3732.40	M32x1,5	M40x1,5	45	15,0	10,0	25



Gewinde aussen: Pg Gewinde innen: Pg				**Outer thread: Pg Inner thread: Pg**		
3707.09	Pg 7	Pg 9	19	18,0	6,5	50
3709.11	Pg 9	Pg 11	22	19,0	7,0	50
3711.13	Pg 11	Pg 13	24	21,0	8,0	50
3713.16	Pg 13	Pg 16	27	22,5	9,0	50
3716.21	Pg 16	Pg 21	32	25,5	9,0	25
3721.29	Pg 21	Pg 29	41	33,0	10,0	25
3729.36	Pg 29	Pg 36	55	38,5	12,0	10
3736.42	Pg 36	Pg 42	60	45,5	14,0	10
3742.48	Pg 42	Pg 48	65	39,0	16,0	10



Gewinde aussen: Pg Gewinde innen: metrisch				**Outer thread: Pg Inner thread: metric**		
3707.12	Pg 7	M12x1,5	15	12,0	8,0	50
3707.17	Pg 7	M16x1,5	20	12,0	8,0	50
3709.17	Pg 9	M16x1,5	20	12,0	8,0	50
3709.20	Pg 9	M20x1,5	24	12,0	8,0	50
3711.20	Pg 11	M20x1,5	24	12,0	8,0	50
3713.25	Pg 13	M25x1,5	30	12,5	9,0	50
3716.25	Pg 16	M25x1,5	30	12,5	10,0	50
3721.32	Pg 21	M32x1,5	37	14,5	11,0	25
3729.40	Pg 29	M40x1,5	45	14,5	11,0	25



Gewinde aussen: metrisch Gewinde innen: Pg				**Outer thread: metric Inner thread: Pg**		
3712.09	M12x1,5	Pg 9	19	12,5	11,0	50
3720.13	M20x1,5	Pg 13	24	15,0	11,0	50
3720.16	M20x1,5	Pg 16	27	17,0	11,0	50
3725.21	M25x1,5	Pg 21	33	20,0	11,0	25
3732.29	M32x1,5	Pg 29	42	22,0	11,0	25
3750.42	M50x1,5	Pg 42	60	28,0	11,0	10

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7.5.1 Vollgummi-Dichteinsätze
Passend zu Progress Metall- und Kunststoff Kabelverschraubungen

Solid sealing inserts suitable for metallic and synthetic Progress cable glands

Dichtung: NBR, ohne Bohrung
Einsatztemp.: Von -20°/+100°C

Seal: NBR, without drilled hole
Temp. range: -20°/+100°C

AGRO No	M/Pg	max. mm	
Kurzer Dichtungseinsatz, ohne Bohrung, passend zu metrischen Kabelverschraubungen		**Short sealing insert, without drilled hole suitable for metric cable glands**	
1000.06.30.03	M 6	3,5	1
1000.08.30.03	M 8	5,0	1
1000.10.30.03	M10	6,0	1
1000.12.30.03	M12	8,0	1
1000.17.30.03	M16	10,5	1
1000.20.30.03	M20	15,0	1
1000.25.30.03	M25	20,5	1
1000.32.30.03	M32	25,5	1
1000.40.30.03	M40	33,0	1
1000.50.30.03	M50	42,0	1
1000.63.30.03	M63	52,0	1

Kurzer Dichtungseinsatz, ohne Bohrung, passend zu Pg Kabelverschraubungen		**Short sealing insert, without drilled hole suitable for Pg cable glands**	
1000.12.30.03	Pg 7	8,0	1
1000.17.30.03	Pg 9	10,5	1
1000.11.30.03	Pg 11	12,0	1
1000.20.30.03	Pg 13	15,0	1
1000.20.30.03	Pg 16	15,0	1
1000.25.30.03	Pg 21	20,5	1
1000.29.30.03	Pg 29	27,5	1
1000.36.30.03	Pg 36	35,0	1
1000.50.30.03	Pg 42	42,0	1
1000.48.30.03	Pg 48	49,0	1

Technische Änderungen vorbehalten!

Technical modifications are subject to change!

7.5.2 Vollgummi-Dichteinsätze
Passend zu Progress Metall- und Kunststoff Kabelverschraubungen

Solid sealing inserts suitable for metallic and synthetic Progress cable glands

Dichtung: FPM, ohne Bohrung
Einsatztemp.: Von -25°/+200°C

Seal: FPM, without drilled hole
Temp. range: -25°/+200°C

AGRO No	M/Pg	max. mm	
Kurzer Dichtungseinsatz, ohne Bohrung, passend zu metrischen Kabelverschraubungen		**Short sealing insert, without drilled hole suitable for metric cable glands**	
1000.06.98.30.03	M 6	3,5	1
1000.08.98.30.03	M 8	5,0	1
1000.10.98.30.03	M10	6,0	1
1000.12.98.30.03	M12	8,0	1
1000.17.98.30.03	M16	10,5	1
1000.20.98.30.03	M20	15,0	1
1000.25.98.30.03	M25	20,5	1
1000.32.98.30.03	M32	25,5	1
1000.40.98.30.03	M40	33,0	1
1000.50.98.30.03	M50	42,0	1
1000.63.98.30.03	M63	52,0	1
Kurzer Dichtungseinsatz, ohne Bohrung, passend zu Pg Kabelverschraubungen		**Short sealing insert, without drilled hole suitable for Pg cable glands**	
1000.12.98.30.03	Pg 7	8,0	1
1000.17.98.30.03	Pg 9	10,5	1
1000.11.98.30.03	Pg 11	12,0	1
1000.20.98.30.03	Pg 13	15,0	1
1000.20.98.30.03	Pg 16	15,0	1
1000.25.98.30.03	Pg 21	20,5	1
1000.29.98.30.03	Pg 29	27,5	1
1000.36.98.30.03	Pg 36	35,0	1
1000.50.98.30.03	Pg 42	42,0	1
1000.48.98.30.03	Pg 48	49,0	1

Technische Änderungen vorbehalten!

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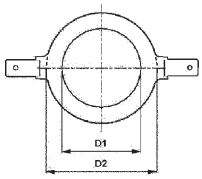


7.7.1 Erdungslaschen zu EMV Kabelverschraubungen

Material: Messing
Anschlüsse: Löt- oder steckbar 6,3x1,0 mm
Einsatztemp.: Von -30°/+ 300°C

Grounding straps suitable for EMC cable glands

Material: Brass
Terminals: Solderable or plug-on 6,3x1,0mm
Temp. range: -30°/+ 300°C

AGRO No	M/Pg	D1/D2 mm	mm	
Erdungslaschen zu Anschlussgewinde metrisch			**Grounding straps for entry thread metric**	
1012.80.10	M12	13,0/24,0	1	100
1017.80.10	M16	16,5/24,0	1	100
1020.80.10	M20	20,5/28,0	1	100
1025.80.10	M25	25,5/32,0	1	100
1032.80.10	M32	33,0/40,0	1	100
1040.80.10	M40	40,5/52,0	1	100
1050.80.10	M50	50,5/62,0	1	50
1063.80.10	M63	63,5/78,0	1	50

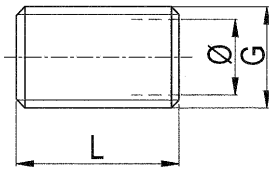
Erdungslaschen zu Anschlussgewinde Pg			**Grounding straps for entry thread Pg**	
1007.80.10	Pg 7	13,0/24,0	1	100
1009.80.10	Pg 9	16,0/24,0	1	100
1011.80.10	Pg 11	19,0/28,0	1	100
1013.80.10	Pg 13	21,0/28,0	1	100
1016.80.10	Pg 16	23,0/32,0	1	100
1021.80.10	Pg 21	29,0/37,0	1	100
1029.80.10	Pg 29	38,0/52,0	1	50
1036.80.10	Pg 36	48,0/62,0	1	50

Technische Änderungen vorbehalten!

Technical modifications are subject to change!

7.8.1 Gewindenippel Messing

Threaded nipples nickel-plated brass



Material: Messing, roh
Einsatztemp.: Von -50°/+300°C

Material: brass, raw
Temp. range: -50°/+300°C

AGRO No	M/Pg	mm	L mm	
Gewinde metrisch			**Thread metric**	
2912	M12x1,5	9,0	28	50
2917	M16x1,5	10,5	28	50
2920	M20x1,5	15,6	28	50
2925	M25x1,5	20,0	28	25
2932	M32x1,5	26,0	28	25
2940	M40x1,5	33,0	28	10

Kurzes Gewinde Pg			**Short thread Pg**	
2909	Pg 9	12,3	28	50
2911	Pg 11	15,6	28	50
2911.01	Pg 11	15,6	16	50
2913	Pg 13	17,2	28	50
2916	Pg 16	19,0	28	50
2916.01	Pg 16	19,0	16	50
2921	Pg 21	23,0	28	25
2929	Pg 29	31,0	28	10
2936	Pg 36	41,0	28	10

Langes Gewinde Pg			**Long thread Pg**	
2911.470	Pg 11	15,6	470	1
2916.470	Pg 16	19,0	470	1
2921.470	Pg 21	23,0	470	1
2929.470	Pg 29	31,0	470	1
2936.470	Pg 36	41,0	470	1

Technische Änderungen vorbehalten!

Technical modifications are subject to change!

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7.9.1 Blindscheiben Progress / Blind discs Progress
Verschlussbolzen / Locking pins
Einschnittringe / Sealing/Packing rings

Einsatztemp. : Von –20°/+100°C

Temp. range: -20°/+100°C

AGRO No	M/Pg	mm	mm	
Blindscheibe aus PA Als Staubverschluss zu Kabelverschraubungen			**Blind disc made of PA Usable as dust stopper for cable glands**	
1012.00.19	M10/M12/Pg7	10,5	0,3	50
1017.00.19	M16/Pg9	13,5	0,3	50
1011.00.19	Pg 11	16,5	0,3	50
1020.00.19	M20/Pg13/Pg16	20,5	0,3	50
1025.00.19	M25/Pg21	26,5	0,3	50
1029.00.19	Pg29	35,0	0,3	50
1032.00.19	M32	30,0	0,3	50
1036.00.19	Pg36	45,0	0,3	50
1040.00.19	M40	38,0	0,3	50
1050.00.19	M50/Pg42	52,0	0,3	50
1063.00.19	M63/Pg48	57,0	0,3	50

AGRO No	∅ mm	H mm	
Verschlussbolzen aus Kunststoff Zum verschliessen nicht belegter Bohrungen in Mehrfach-Kabelverschraubungen		**Synthetic locking pins Usable as inserts to close unused holes in the sealings of multi duct cable glands**	
1310.030.02	3	10	50
1310.050.02	5	12	50
1310.070.02	7	14	50
1310.090.02	9	16	50

AGRO No	M/Pg	mm	H mm	
Einschnittringe Material: NBR Passend zu Stopfbuchsen B 107 – B 263			**Sealing/Packing rings Material: NBR Suitable for cable gland series B 107 – B 263**	
B 107.00.03	M12/Pg7	4,0- 7,0	5,0	1
B 109.00.03	M16/Pg9	5,0-10,0	5,5	1
B 111.00.03	Pg11	8,0-12,0	6,0	1
B 113.00.03	Pg13	8,0-12,0	6,0	1
B 116.00.03	M20/Pg16	8,0 -15,0	7,0	1
B 121.00.03	M25/Pg21	10,0-19,0	8,0	1
B 129.00.03	M32/Pg29	18,0-27,0	9,5	1
B 136.00.03	M40/Pg36	24,0-33,0	12,0	1
B 142.00.03	M50/Pg42	30,0-39,0	14,0	1
B 148.00.03	M63/Pg48	36,0-45,0	14,0	1

Technische Änderungen vorbehalten!

Technical modifications are subject to change!