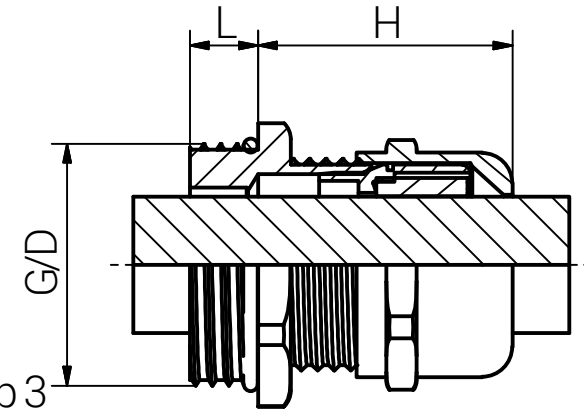
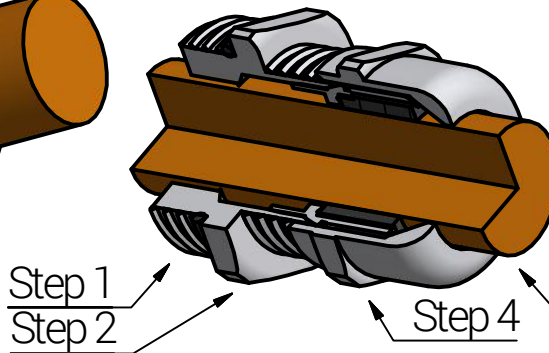
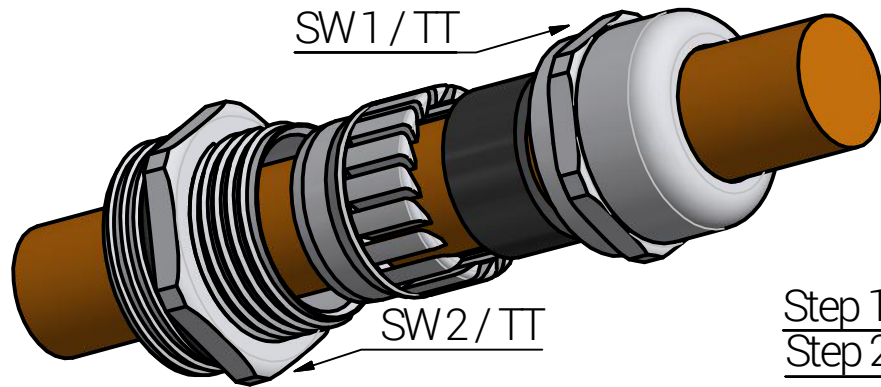





# Mounting Instruction



Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category
		≥	≤							Cap	Body	
60080512	M12x1,5	3,0	6,5	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	2
60080516	M16x1,5	4,0	8,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	2
60084516	M16x1,5	5,0	10,0	20	20	7,0	28,5	16,0	16 (0/+0,2)	8,0	4,0	2
60080520	M20x1,5	6,0	12,0	22	22	8,0	26,5	20,0	20 (0/+0,2)	8,0	5,5	2
60080522	M20x1,5	10,0	14,0	24	24	8,0	28,0	20,0	20 (0/+0,2)	11,0	6,0	2
60080525	M25x1,5	10,0	14,0	24	27	8,0	27,7	25,0	25 (0/+0,2)	11,0	6,0	4
60084525	M25x1,5	11,0	17,0	27	27	8,0	32,5	25,0	25 (0/+0,2)	14,0	6,0	4
60080532	M32x1,5	13,0	18,0	30	34	9,0	33,0	32,0	32 (0/+0,2)	17,0	6,0	4
60084532	M32x1,5	15,0	21,0	34	34	8,0	36,0	32,0	32 (0/+0,2)	15,0	6,0	4
60080540	M40x1,5	18,0	25,0	40	43	9,0	38,0	40,0	40 (0/+0,2)	30,0	12,0	4
60084540	M40x1,5	19,0	28,0	43	43	9,0	43,5	40,0	40 (0/+0,2)	17,0	12,0	4
60080550	M50x1,5	22,0	32,0	50	55	9,0	48,0	50,0	50 (0/+0,2)	42,0	18,0	4
60084550	M50x1,5	27,0	38,0	58	58	9,0	52,0	50,0	50 (0/+0,2)	30,0	18,0	4
60080563	M63x1,5	34,0	44,0	64	68	14,0	54,0	63,0	63 (0/+0,2)	55,0	25,0	4
60080565	M63x1,5	37,0	53,0	75	75	10,0	50,0	63,0	63 (0/+0,2)	55,0	25,0	4

Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body until the O-Ring fulfills its function. The guiding value is the TT mentioned in the table. Over tightening may cause damage.
3	Pass the cable through the cable gland.
4	Tighten the cap until the seal fulfills its function. Over tightening may cause damage.

Diameter of the mounting hole: - Threaded hole according to EN 60423 - Through hole see table.	
Type of cable anchorage according to EN62444:2013 - Clamping range 3-4mm = cable retention - Balance = Category A	
Degree of protection: IP 68 / IP 66 / IP 69.	



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Unless otherwise specified on the drawing:  
Metric Thread = EN 60423  
PG Thread = DIN 40430  
NPT Thread = ANSI B1.20.1  
Tolerance: DIN ISO 2768-m  
All dimensions in mm.

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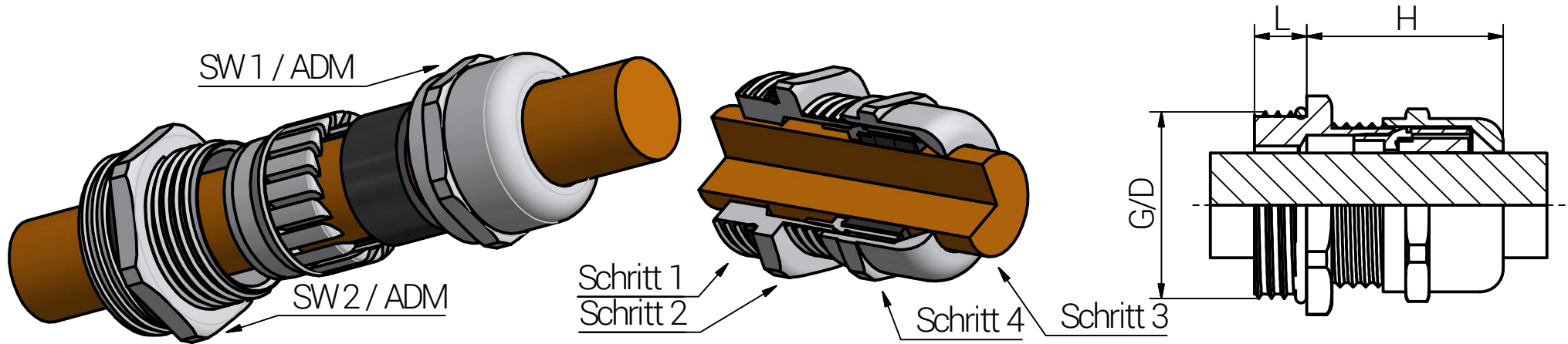
		Date	Name
Draw.	17.07.2018	SL	
Appr.	17.07.2018	KH	
Scale:		1:1	
Material:		Nickel Plated Brass	
Drawing-Nr.:		6008x5xx_SZMLTD_English	
Status		Modification	Date
Z:\Inventor\Montageanleitung\Euro-Top-Messing\6008x5xx_SZMLTD\Euro-Top-01-1-BG-0001-6008x5xx_SZMLTD_English.idw			

Euro-Top Brass M

1	of 1
A4	
V22	

Please note that the above representation is just a dimension illustration.

# Montageanleitung



Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlagein- wirkung
		≥	≤							Hutmutter	Stutzen	
60180512	M12x1,5	2,0	5,0	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	2
60180516	M16x1,5	2,0	6,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	2
60180520	M20x1,5	5,0	9,0	22	22	8,0	26,5	20,0	20 (0/+0,2)	9,0	5,5	2
60180525	M25x1,5	7,0	12,0	24	27	8,0	28,0	25,0	25 (0/+0,2)	10,5	6,0	4
60180532	M32x1,5	9,0	16,0	30	34	9,0	33,0	32,0	32 (0/+0,2)	12,0	6,0	4
60180540	M40x1,5	12,0	20,0	40	43	9,0	38,0	40,0	40 (0/+0,2)	29,0	12,0	4
60180550	M50x1,5	20,0	26,0	50	55	9,0	48,0	50,0	50 (0/+0,2)	44,0	18,0	4
60180563	M63x1,5	29,0	35,0	64	68	14,0	53,0	63,0	63 (0/+0,2)	50,0	25,0	4

Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen soweit anziehen, dass der O-Ring seine Funktion erfüllt. Als Richtwert gilt der in der Tabelle genannte ADM. Zu festes Anziehen kann zu Beschädigungen führen.
3	Kabel durch die Kabelverschraubungen führen.
4	Hutmutter soweit anziehen, dass der Dichtsatz seine Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen.
Durchmesser des Montagelochs: - Gewindebohrung gemäß EN 60423 - Durchgangsbohrung siehe Tabelle.	
Zugentlastung gemäß EN 62444 : 2013 - Klemmbereich 2-4 mm = Rückhaltevermögen - Rest = Kategorie A	
IP-Schutzart ist IP 68 (5 bar/30 Min.) / IP 66 / IP 69.	



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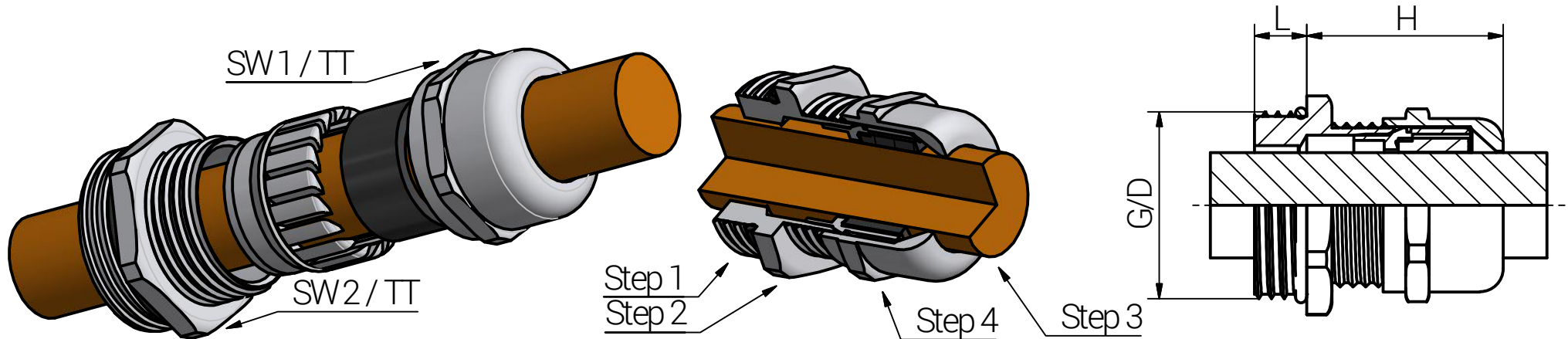
Unless otherwise specified on the drawing:  
 Metric Thread = EN 60423  
 PG Thread = DIN 40430  
 NPT Thread = ANSI B1.20.1  
 Tolerance: DIN ISO 2768-m  
 All dimensions in mm.

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		Date	Name
Draw.		03.02.2021	SL
Appr.		03.02.2021	KH
Norm			
Scale:			1:1
C	Kat. Schlagwirkung	29.08.2023	SL
B	Erklärungstext	20.12.2022	SL
A	Anzugsdrehmoment	06.05.2021	SL
Status	Modification	Date	Name

Euro-Top Messing M mit Reduzierdichteinsatz	
Drawing-Nr.:	601805xx_SZM_TD_German
1	of 1
A4	
V21	

# Mounting Instruction



Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category
		≥	≤							Cap	Body	
60180512	M12x1,5	2,0	5,0	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	2
60180516	M16x1,5	2,0	6,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	2
60180520	M20x1,5	5,0	9,0	22	22	8,0	26,5	20,0	20 (0/+0,2)	9,0	5,5	2
60180525	M25x1,5	7,0	12,0	24	27	8,0	28,0	25,0	25 (0/+0,2)	10,5	6,0	4
60180532	M32x1,5	9,0	16,0	30	34	9,0	33,0	32,0	32 (0/+0,2)	12,0	6,0	4
60180540	M40x1,5	12,0	20,0	40	43	9,0	38,0	40,0	40 (0/+0,2)	29,0	12,0	4
60180550	M50x1,5	20,0	26,0	50	55	9,0	48,0	50,0	50 (0/+0,2)	44,0	18,0	4
60180563	M63x1,5	29,0	35,0	64	68	14,0	53,0	63,0	63 (0/+0,2)	50,0	25,0	4

Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body until the O-Ring fulfills its function. The guiding value is the TT mentioned in the table. Over tightening may cause damage.
3	Pass the cable through the cable gland.
4	Tighten the cap until the seal fulfills its function. Over tightening may cause damage.

Diameter of the mounting hole: - Threaded hole according to EN 60423 - Through hole see table.	
Type of cable anchorage according to EN62444:2013 - Clamping range 2-4mm = cable retention - Balance = Category A	
Degree of protection: IP 68 (5 bar/30 min.) / IP 66 / IP 69.	



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Unless otherwise specified on the drawing:  
 Metric Thread = EN 60423  
 PG Thread = DIN 40430  
 NPT Thread = ANSI B1.20.1  
 Tolerance: DIN ISO 2768-m  
 All dimensions in mm.

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	Date	Name
Draw.	03.02.2021	SL
Appr.	03.02.2021	KH
Norm		
Scale:		1:1
C	Impact Category	29.08.2023 SL
B	Text of the statement	20.12.2022 SL
A	Tightening Torque	06.05.2021 SL
Status	Modification	Date Name

**Euro-Top Brass M  
with Reducing Sealing**

Material: **Nickel Plated Brass**

Drawing-Nr.: **601805xx\_SZMLTD\_English**

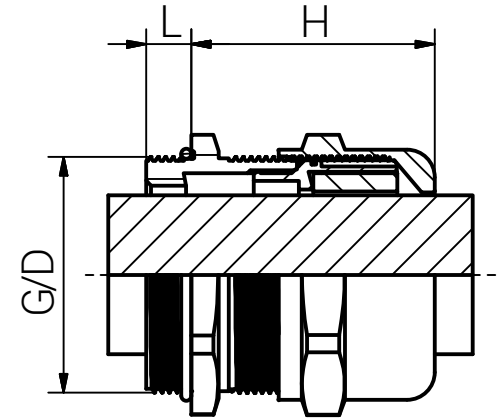
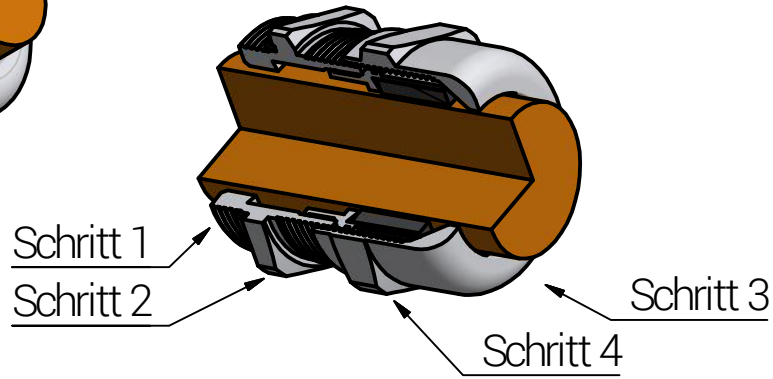
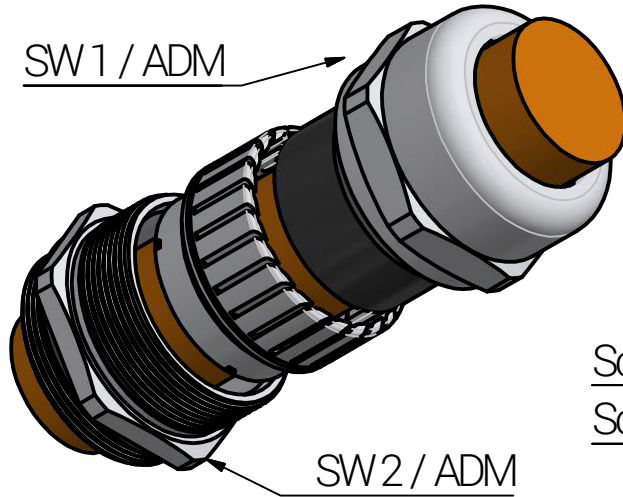
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A4  
V22

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Please note that the above representation is just a dimension illustration.



# Montageanleitung



Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlägein- wirkung *
		≥	≤							Hutmutter	Stutzen	
60080407	PG7	3,0	6,5	14	14	6,0	22,0	12,5	12,7	5,0	3,0	2
60080409	PG9	4,0	8,0	17	17	6,0	23,5	15,2	15,4	6,0	4,0	2
60080411	PG11	5,0	10,0	20	20	6,0	26,0	18,6	18,8	7,0	5,0	2
60080413	PG13,5	6,0	12,0	22	22	6,5	24,5	20,4	20,7	8,0	5,5	2
60080416	PG16	10,0	14,0	24	24	6,5	28,0	22,5	22,8	11,0	7,0	2
60080421	PG21	13,0	18,0	30	30	7,2	32,5	28,3	28,6	17,0	10,0	4
60080429	PG29	18,0	25,0	40	40	8,0	38,5	32,0	37,4	30,0	15,0	4
60080436	PG36	22,0	32,0	50	50	9,0	48,0	47,0	47,5	42,0	20,0	4
60080442	PG42	30,0	38,0	58	58	12,0	48,5	54,0	54,5	45,0	27,0	4
60080448	PG48	34,0	44,0	64	64	14,0	53,0	59,3	59,8	50,0	35,0	4

Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen soweit anziehen, dass der O-Ring seine Funktion erfüllt. Als Richtwert gilt der in der Tabelle genannte ADM. Zu festes Anziehen kann zu Beschädigungen führen.
3	Kabel durch die Kabelverschraubungen führen.
4	Hutmutter soweit anziehen, dass der Dichteinsatz seine Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen.
Durchmesser des Montagelochs: - Gewindebohrung gemäß DIN 40430 - Durchgangsbohrung siehe Tabelle.	
Zugentlastung gemäß EN 62444 : 2013 * - Klemmbereich 3-4 mm = Rückhaltevermögen - Rest = Kategorie A	
IP-Schutzart ist IP 68 / IP 66.	
* Von metrischen Größen übernommen.	



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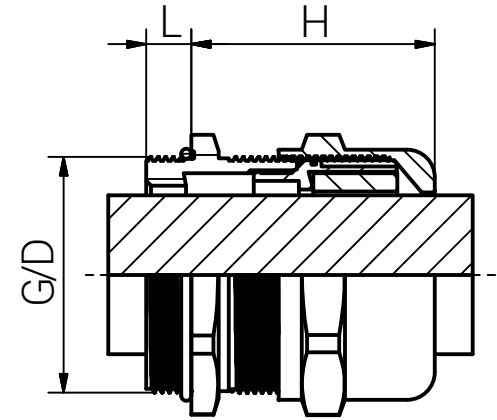
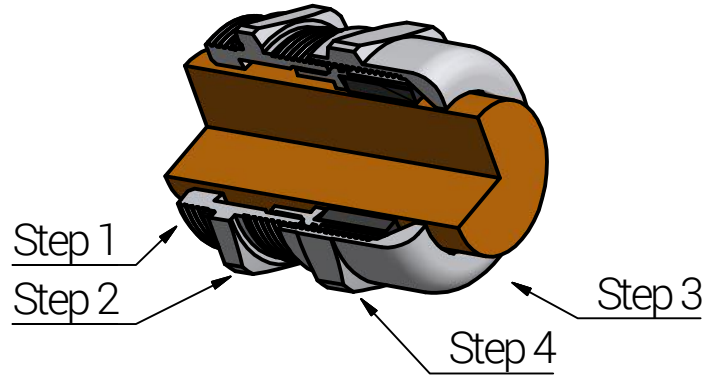
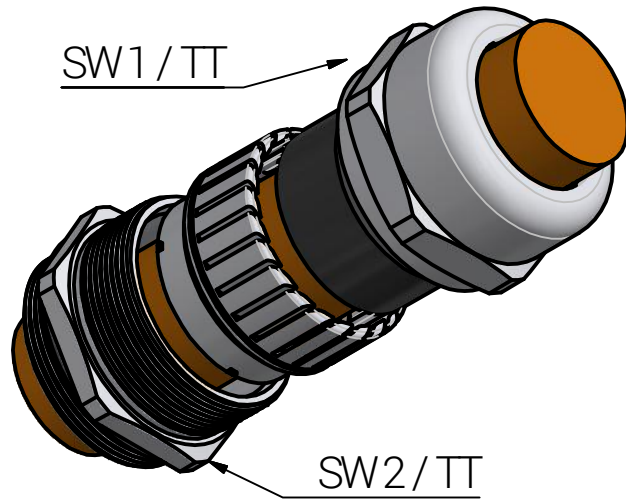
Unless otherwise specified on the drawing:  
Metric Thread = EN 60423  
PG Thread = DIN 40430  
NPT Thread = ANSI B1.20.1  
Tolerance: DIN ISO 2768-m  
All dimensions in mm.

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		Date	Name
	Draw.	11.07.2018	SL
	Appr.	11.07.2018	KH
E	Kat. Schlägeinwirkung	29.08.2023	SL
D	Erklärungstext	20.12.2022	SL
C	Anzugsdrehmoment	06.05.2021	SL
B	Text	09.11.2020	SL
A	Anzugsdrehmoment	20.03.2019	SL
Status	Modification	Date	Name

Euro-Top Messing PG		Drawing-Nr.: <b>600804xx_SZPG_TD_German</b>		1 of 1
		Material: <b>Messing, vernickelt</b>		
Z:\Inventar\Montageanleitung\Euro-Top-Messing\600804xx_SZPG_TD\Euro-Top-02-1-BG-0001-600804xx_SZPG_TD_German.idw				V19

# Mounting Instruction



Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category *
		≥	≤							Cap	Body	
60080407	PG7	3,0	6,5	14	14	6,0	22,0	12,5	12,7	5,0	3,0	2
60080409	PG9	4,0	8,0	17	17	6,0	23,5	15,2	15,4	6,0	4,0	2
60080411	PG11	5,0	10,0	20	20	6,0	26,0	18,6	18,8	7,0	5,0	2
60080413	PG13,5	6,0	12,0	22	22	6,5	24,5	20,4	20,7	8,0	5,5	2
60080416	PG16	10,0	14,0	24	24	6,5	28,0	22,5	22,8	11,0	7,0	2
60080421	PG21	13,0	18,0	30	30	7,2	32,5	28,3	28,6	17,0	10,0	4
60080429	PG29	18,0	25,0	40	40	8,0	38,5	32,0	37,4	30,0	15,0	4
60080436	PG36	22,0	32,0	50	50	9,0	48,0	47,0	47,5	42,0	20,0	4
60080442	PG42	30,0	38,0	58	58	12,0	48,5	54,0	54,5	45,0	27,0	4
60080448	PG48	34,0	44,0	64	64	14,0	53,0	59,3	59,8	50,0	35,0	4

Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body until the O-Ring fulfills its function. The guiding value is the TT mentioned in the table. Over tightening may cause damage.
3	Pass the cable through the cable gland.
4	Tighten the cap until the seal fulfills its function. Over tightening may cause damage.

Diameter of the mounting hole:  
 - Threaded hole according to DIN 40430  
 - Through hole see table.

Type of cable anchorage according to EN62444:2013\*  
 - Clamping range 3-4mm = cable retention  
 - Balance = Category A

Degree of protection: IP 68 / IP 66.

\* Adopted by metric sizes.



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Unless otherwise specified on the drawing:  
 Metric Thread = EN 60423  
 PG Thread = DIN 40430  
 NPT Thread = ANSI B1.20.1  
 Tolerance: DIN ISO 2768-m  
 All dimensions in mm.

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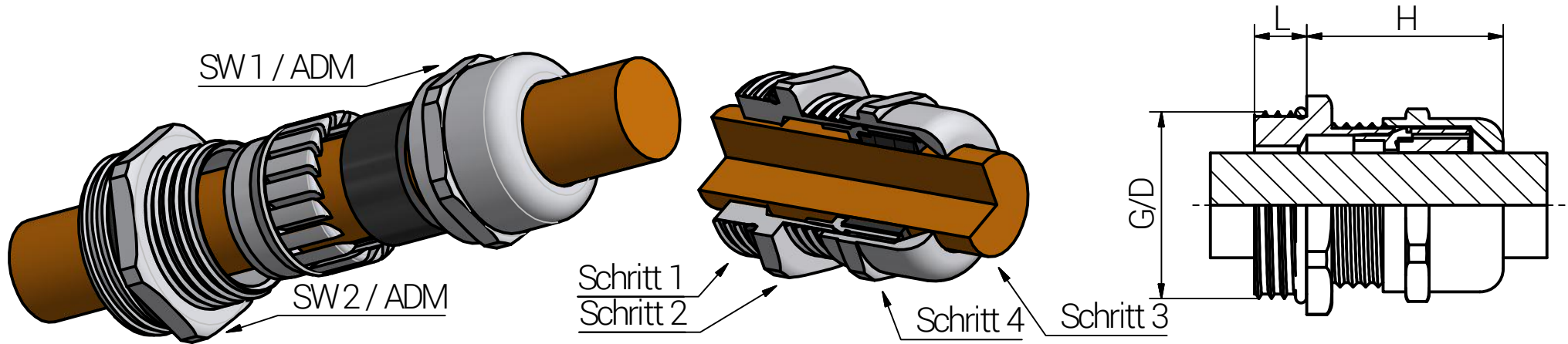
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Draw.		17.07.2018	SL
Appr.		17.07.2018	KH
E	Impact Category	29.08.2023	SL
D	Text of the statement	20.12.2022	SL
C	Tightening Torque	06.05.2021	SL
B	Text	09.11.2020	SL
A	Tightening Torque	20.03.2019	SL

<b>Euro-Top Brass PG</b>	
Material: <b>Nickel Plated Brass</b>	Drawing-Nr.: <b>600804xx_SZPG_TD_English</b>
1 of 1	
A4	

Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\600804xx_SZPG_TD\Euro-Top-02-1-BG-0001-600804xx_SZPG_TD_English.idw

Please note that the above representation is just a dimension illustration.

# Montageanleitung



Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlagein- wirkung *
		≥	≤							Hutmutter	Stutzen	
60180407	PG7	2,0	5,0	14	14	6,0	22,0	12,5	12,7	5,0	3,0	2
60180409	PG9	2,0	6,0	17	18	6,0	23,5	15,2	15,4	6,5	4,0	2
60180411	PG11	3,0	7,0	20	20	6,0	26,0	18,6	18,8	8,5	5,0	2
60180413	PG13,5	5,0	9,0	22	22	6,5	24,5	20,4	20,7	9,0	5,5	2
60180416	PG16	7,0	12,0	24	27	6,5	28,0	22,5	22,8	10,5	7,0	2
60180421	PG21	9,0	16,0	30	34	7,2	32,5	28,3	28,6	12,0	10,0	4
60180429	PG29	12,0	20,0	40	43	8,0	38,5	32,0	37,4	29,0	15,0	4
60180436	PG36	20,0	26,0	50	55	9,0	48,0	47,0	47,5	44,0	20,0	4
60180442	PG42	25,0	31,0	58	64	12,0	48,5	54,0	54,5	44,0	27,0	4
60180448	PG48	29,0	35,0	64	68	14,0	53,0	59,3	59,8	50,0	35,0	4

Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen soweit anziehen, dass der O-Ring seine Funktion erfüllt. Als Richtwert gilt der in der Tabelle genannte ADM. Zu festes Anziehen kann zu Beschädigungen führen.
3	Kabel durch die Kabelverschraubungen führen.
4	Hutmutter soweit anziehen, dass der Dichteinsatz seine Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen.

Durchmesser des Montagelochs:  
 - Gewindebohrung gemäß DIN 40430  
 - Durchgangsbohrung siehe Tabelle.

Zugentlastung gemäß EN 62444 : 2013 \*  
 - Klemmbereich 2-4 mm = Rückhaltevermögen  
 - Rest = Kategorie A

IP-Schutzart ist IP 68 / IP 66.

\* Von metrischen Größen übernommen.



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 📧 info@rst.eu

Unless otherwise specified on the drawing:  
 Metric Thread = EN 60423  
 PG Thread = DIN 40430  
 NPT Thread = ANSI B1.20.1  
 Tolerance: DIN ISO 2768-m  
 All dimensions in mm.

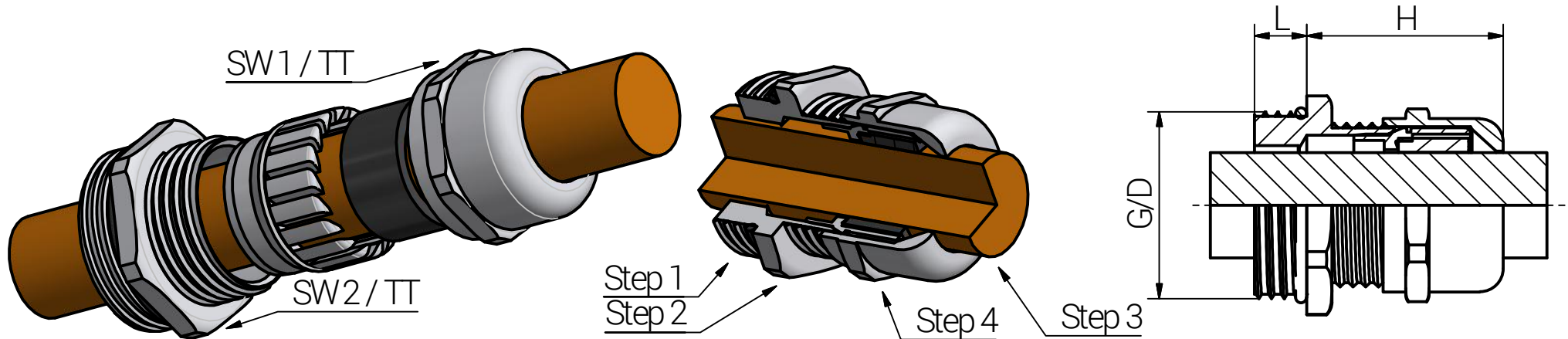
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			Date	Name
			Draw. 03.02.2021	SL
			Appr. 03.02.2021	KH
			Norm	
			Scale:	1:1
C	Kat. Schlageinwirkung	29.08.2023	SL	Material: <b>Messing, vernickelt</b>
B	Erklärungstext	22.12.2022	SL	
A	Anzugsdrehmoment	06.05.2021	SL	
Status	Modification	Date	Name	Z:\Inventar\Montageanleitung\Euro-Top-Messing\601804xx_SZPG_TD\Euro-Top-01-1-BG-0001-601804xx_SZPG_TD_German.idw

## Euro-Top Messing PG mit Reduzierdichteinsatz

Drawing-Nr.:	<b>601804xx_SZPG_TD_German</b>	<b>1</b>	of 1
		A4	V25

# Mounting Instruction




Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category *
		≥	≤							Cap	Body	
60180407	PG7	2,0	5,0	14	14	6,0	22,0	12,5	12,7	5,0	3,0	2
60180409	PG9	2,0	6,0	17	17	6,0	23,5	15,2	15,4	6,5	4,0	2
60180411	PG11	3,0	7,0	20	20	6,0	26,0	18,6	18,8	8,5	5,0	2
60180413	PG13,5	5,0	9,0	22	22	6,5	24,5	20,4	20,7	9,0	5,5	2
60180416	PG16	7,0	12,0	24	24	6,5	28,0	22,5	22,8	10,5	7,0	2
60180421	PG21	9,0	16,0	30	30	7,2	32,5	28,3	28,6	12,0	10,0	4
60180429	PG29	12,0	20,0	40	40	8,0	38,5	32,0	37,4	29,0	15,0	4
60180436	PG36	20,0	26,0	50	50	9,0	48,0	47,0	47,5	44,0	20,0	4
60180442	PG42	25,0	31,0	58	58	12,0	48,5	54,0	54,5	44,0	27,0	4
60180448	PG48	29,0	35,0	64	64	14,0	53,0	59,3	59,8	50,0	35,0	4

Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body until the O-Ring fulfills its function. The guiding value is the TT mentioned in the table. Over tightening may cause damage.
3	Pass the cable through the cable gland.
4	Tighten the cap until the seal fulfills its function. Over tightening may cause damage.

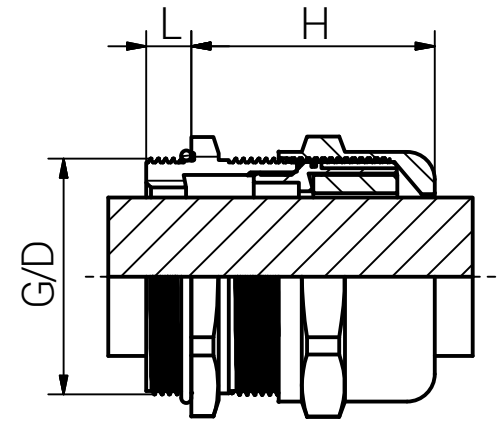
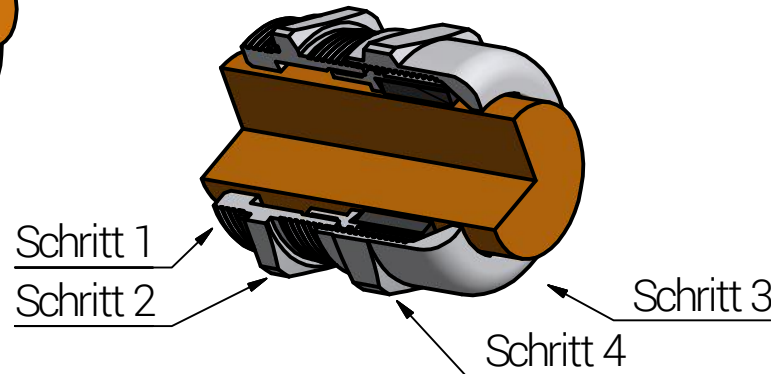
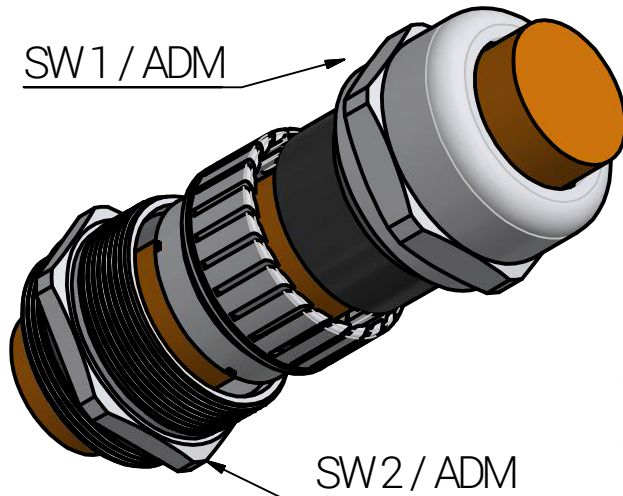
Diameter of the mounting hole: - Threaded hole according to DIN 40430 - Through hole see table.	
Type of cable anchorage according to EN62444:2013* - Clamping range 2-4mm = cable retention - Balance = Category A	
Degree of protection: IP 68 / IP 66.	
* Adopted by metric sizes.	

		RST Rabe-System-Technik und Vertriebs-GmbH Otto-Lilienthal-Strasse 19 49134 Wallenhorst ☎ +49 5407 8766-0 📠 +49 5407 8766-99 ✉ info@rst.eu		Unless otherwise specified on the drawing: Metric Thread = EN 60423 PG Thread = DIN 40430 NPT Thread = ANSI B1.20.1 Tolerance: DIN ISO 2768-m All dimensions in mm.		Abusively use, in particular reproduction and dissemination to third parties is not permitted. You can be punished by civil law. Technical changes are reserved.																
		<table border="1"> <thead> <tr> <th></th> <th>Date</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>Draw.</td> <td>03.02.2021</td> <td>SL</td> </tr> <tr> <td>Appr.</td> <td>03.02.2021</td> <td>KH</td> </tr> <tr> <td>Norm</td> <td></td> <td></td> </tr> <tr> <td>Scale:</td> <td></td> <td>1:1</td> </tr> </tbody> </table>			Date	Name	Draw.	03.02.2021	SL	Appr.	03.02.2021	KH	Norm			Scale:		1:1	Euro-Top Brass PG with Reducing Sealing		Drawing-Nr.: 601804xx_SZPG_TD_English	
	Date	Name																				
Draw.	03.02.2021	SL																				
Appr.	03.02.2021	KH																				
Norm																						
Scale:		1:1																				
C Impact Category 29.08.2023 SL B Text of the statement 20.12.2022 SL A Tightening Torque 06.05.2021 SL		Material: Nickel Plated Brass																				
Status		Modification		Date		Name		Z:\Inventor\Montageanleitung\Euro-Top-Messing\601804xx_SZPG_TD\Euro-Top-01-1-BG-0001-601804xx_SZPG_TD_English.idw		V25												

Please note that the above representation is just a dimension illustration.



# Montageanleitung



Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen mit in der Tabelle angegebenen ADM anziehen. Zu festes Anziehen kann zu Beschädigungen führen.
3	Kabel durch die Kabelverschraubungen führen.
4	Hutmutter soweit anziehen, dass der Dichteinsatz seine Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen.
Durchmesser des Montagelochs: - Gewindebohrung gemäß ANSI B1.20.1	
Zugentlastung gemäß EN 62444: 2013 * - Klemmbereich 2-4 mm = Rückhaltevermögen - Rest = Kategorie A	
IP-Schutzart ist IP 66.	
* Von metrischen Größen übernommen.	

Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlagein- wirkung *
		≥	≤							Hutmutter	Stutzen	
60080038	NPT3/8"	4,0	8,0	17	19	11,5	23,0	21,0	-	6,5	3,0	2
60085038	NPT3/8"	5,0	10,0	20	20	11,5	29,5	21,0	-	8,0	3,0	2
60080012	NPT1/2"	6,0	12,0	22	22	13,0	25,5	25,5	-	17,0	5,5	2
60085012	NPT1/2"	10,0	14,0	24	24	13,0	28,0	25,5	-	11,0	5,5	2
60080034	NPT3/4"	13,0	18,0	30	30	13,0	35,5	33,0	-	17,0	6,0	4
60080100	NPT 1"	18,0	25,0	40	43	13,0	43,0	44,5	-	40,0	8,0	4



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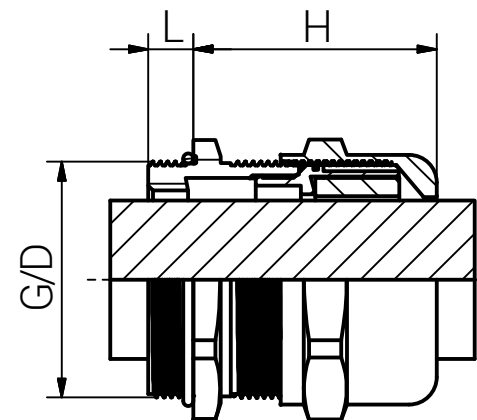
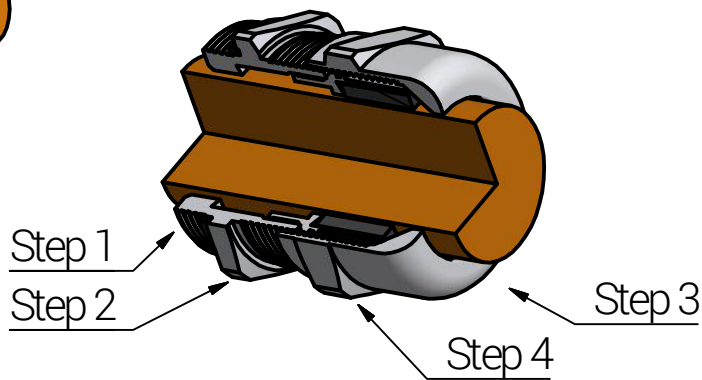
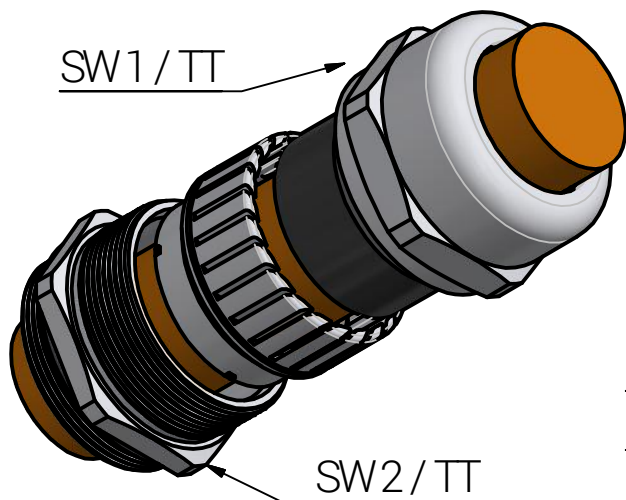
Unless otherwise specified on the drawing:  
Metric Thread = EN 60423  
PG Thread = DIN 40430  
NPT Thread = ANSI B1.20.1  
Tolerance: DIN ISO 2768-m  
All dimensions in mm.

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		Date	Name
Draw.		11.07.2018	SL
Appr.		11.07.2018	KH
D	Erklärungstext	20.12.2022	SL
C	Anzugsdrehmoment	06.05.2021	SL
B	Text	09.11.2020	SL
A	Anzugsdrehmoment	20.03.2019	SL
Status	Modification	Date	Name

Euro-Top Messing NPT		Drawing-Nr.: 6008xxxx_SZNPT_TD_German		1	of 1
		Material: Messing, vernicklet		A4	V23
Z:\Inventor\Montageanleitung\Euro-Top-Messing\6008xxxx_SZNPT_TD\Euro-Top-03-1-BG-0001-6008xxxx_SZNPT_TD_German.idw					

# Mounting Instruction



Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category *
		≥	≤							Cap	Body	
60080038	NPT3/8"	4,0	8,0	17	19	11,5	23,0	21,0	–	6,5	3,0	2
60085038	NPT3/8"	5,0	10,0	20	20	11,5	29,5	21,0	–	8,0	3,0	2
60080012	NPT1/2"	6,0	12,0	22	22	13,0	25,5	25,5	–	17,0	5,5	2
60085012	NPT1/2"	10,0	14,0	24	24	13,0	28,0	25,5	–	11,0	5,5	2
60080034	NPT3/4"	13,0	18,0	30	30	13,0	35,5	33,0	–	17,0	6,0	4
60080100	NPT 1"	18,0	25,0	40	43	13,0	43,0	44,5	–	40,0	8,0	4

Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body relating to the TT mentioned in the table. Over tightening may cause damage.
3	Pass the cable through the cable gland.
4	Tighten the cap until the seal fulfills its function. Over tightening may cause damage.
Diameter of the mounting hole: - Threaded hole according to ANSI B1.20.1	
Type of cable anchorage according to EN62444:2013 * - Clamping range 2-4mm = cable retention - Balance = Category A	
Degree of protection: IP 66.	
* Adopted by metric sizes.	



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Unless otherwise specified on the drawing:  
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 PG Thread = DIN 40430  
 NPT Thread = ANSI B1.20.1  
 Tolerance: DIN ISO 2768-m  
 All dimensions in mm.

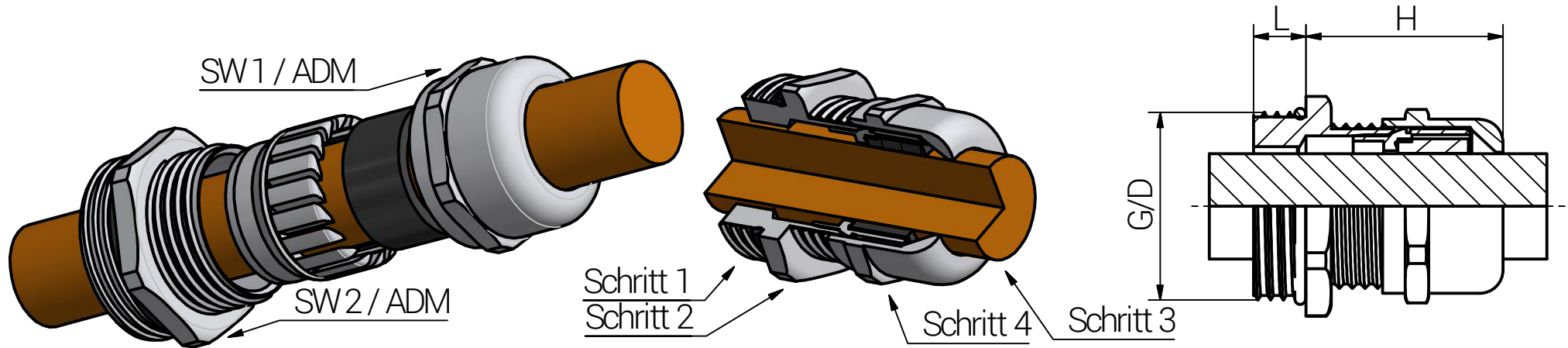
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				Date	Name
Draw.				17.07.2018	SL
Appr.				17.07.2018	KH
F	Impact Category	29.08.2023	SL		
E	60085038+60085012	17.01.2023	SL		
D	Text of the statement	20.12.2022	SL		
C	Tightening Torque	06.05.2021	SL		
B	Text	09.11.2020	SL		
A	Tightening Torque	20.03.2019	SL		
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\6008xxxx_SZNPT_TD\Euro-Top-03-1-BG-0001-6008xxxx_SZNPT_TD_Englisch.idw	

Euro-Top Brass NPT	
Drawing-Nr.:	6008xxxx_SZNPT_TD_English
1	of 1
A4	V14

Please note that the above representation is just a dimension illustration.

# Montageanleitung



Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen mit in der Tabelle angegebenen ADM anziehen. Zu festes Anziehen kann zu Beschädigungen führen.
3	Kabel durch die Kabelverschraubungen führen.
4	Hutmutter soweit anziehen, dass der Dichteinsatz seine Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen.

Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlagein- wirkung *
		≥	≤							Hutmutter	Stutzen	
60180038	NPT3/8"	2,0	6,0	17	19	11,5	23,0	21,0	-	6,5	3,0	2
60185038	NPT3/8"	3,0	7,0	20	20	11,5	29,5	21,0	-	8,5	3,0	2
60180012	NPT1/2"	5,0	9,0	22	22	13,0	25,5	25,5	-	9,5	5,5	2
60185012	NPT1/2"	7,0	12,0	24	24	13,0	28,0	25,5	-	10,5	5,5	2
60180034	NPT3/4"	9,0	16,0	30	30	13,0	35,5	33,0	-	12,0	6,0	4
60180100	NPT1"	12,0	20,0	40	43	13,0	43,0	44,5	-	29,0	8,0	4

Durchmesser des Montagelochs:  
- Gewindebohrung gemäß ANSI B1.20.1

Zugentlastung gemäß EN 62444 : 2013\*  
- Klemmbereich 2-4 mm = Rückhaltevermögen  
- Rest = Kategorie A

IP-Schutzart ist IP 66.

\* Von metrischen Größen übernommen.



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Unless otherwise specified on the drawing:  
Metric Thread = EN 60423  
PG Thread = DIN 40430  
NPT Thread = ANSI B1.20.1  
Tolerance: DIN ISO 2768-m  
All dimensions in mm.

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		Date	Name
Draw.		03.02.2021	SL
Appr.		03.02.2021	KH
Norm			
Scale:			1:1
Material:			Messing, vernickelt
B	Kat. Schlagwirkung	29.08.2023	SL
A	Erklärungstext	20.12.2022	SL
Status	Modification	Date	Name

## Euro-Top Messing NPT mit Reduzierdichteinsatz

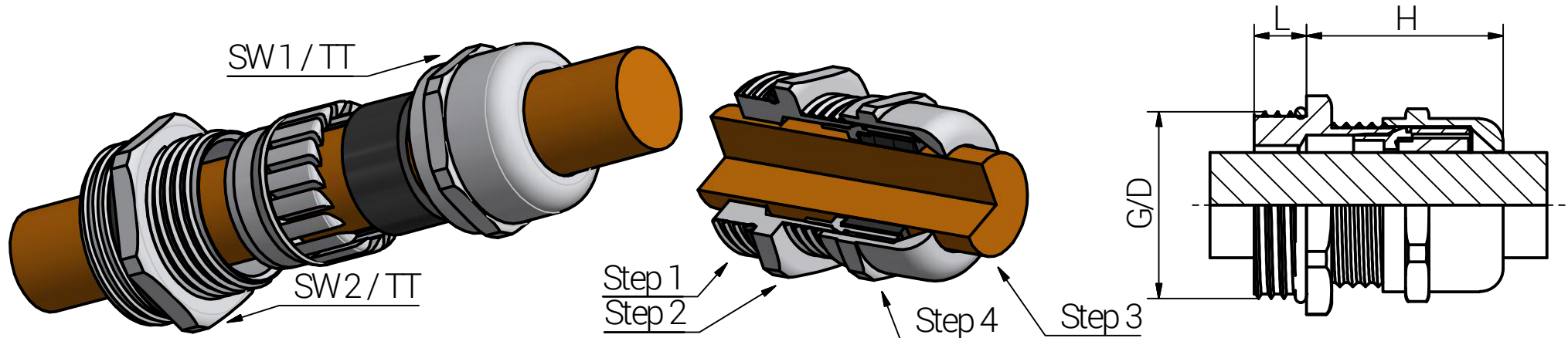
Drawing-Nr.:  
**6018xxxx\_SZNPT\_TD\_German**

**1** of  
1

A4

V28

# Mounting Instruction



Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body relating to the TT mentioned in the table. Over tightening may cause damage.
3	Pass the cable through the cable gland.
4	Tighten the cap until the seal fulfills its function. Over tightening may cause damage.

Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category *
		≥	≤							Cap	Body	
60180038	NPT 3/8"	2,0	6,0	17	19	11,5	23,0	21,0	-	6,5	3,0	2
60185038	NPT 3/8"	3,0	7,0	20	20	11,5	29,5	21,0	-	8,5	3,0	2
60180012	NPT 1/2"	5,0	9,0	22	22	13,0	25,5	25,5	-	9,5	5,5	2
60185012	NPT 1/2"	7,0	12,0	24	24	13,0	28,0	25,5	-	10,5	5,5	2
60180034	NPT 3/4"	9,0	16,0	30	30	13,0	35,5	33,0	-	12,0	6,0	4
60180100	NPT 1"	12,0	20,0	40	43	13,0	43,0	44,5	-	29,0	8,0	4

Diameter of the mounting hole:  
- Threaded hole according to ANSI B1.20.1

Type of cable anchorage according to EN62444:2013\*  
- Clamping range 2-4mm = cable retention  
- Balance = Category A

Degree of protection: IP 66.

\* Adopted by metric sizes.



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Unless otherwise specified on the drawing:  
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PG Thread = DIN 40430  
NPT Thread = ANSI B1.20.1  
Tolerance: DIN ISO 2768-m  
All dimensions in mm.

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		Date	Name
Draw.		03.02.2021	SL
Appr.		03.02.2021	KH
Norm			
Scale:			1:1
Material:			Nickel Plated Brass
B	Impact Category	29.08.2023	SL
A	Text of the statement	20.12.2022	SL
Status	Modification	Date	Name

Euro-Top Brass NPT with Reducing Sealing	
Drawing-Nr.:	6018xxxx_SZNPT_TD_English
1	of 1
A4	V29