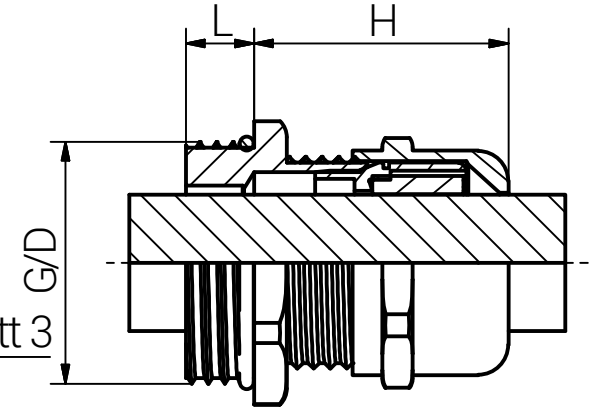
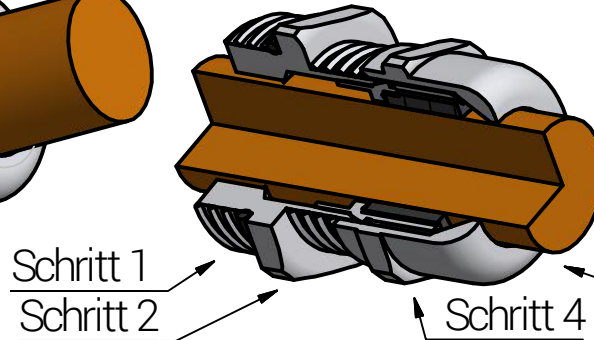
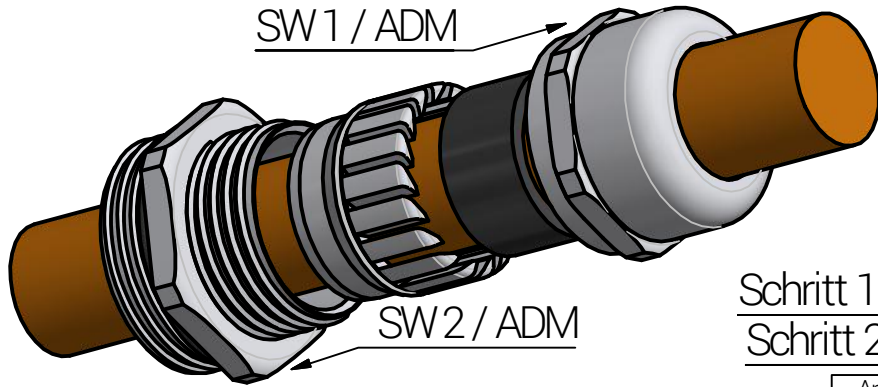


Montageanleitung



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	
60080512	M12x1,5	3,0	6,5	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	5
60080516	M16x1,5	4,0	8,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	6
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	6
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	6
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	6
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	7
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	7
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	7
60080565	M63x1,5	37,0	53,0	75	75	10,0	50,0	63,0	63 (0/+0,2)	55,0	25,0	7

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 EN 60423 - Durchgangsbohrung siehe Tabelle.	
Zugentlastung gemäß EN 62444 : 2013 - Klemmbereich 2-4 mm = Rückhaltevermögen - Klemmbereich 3-4 mm nur bei M12 = Rückhaltevermögen - Rest = Kategorie A	
IP-Schutzart ist IP 68 / IP 66 / IP 69.	



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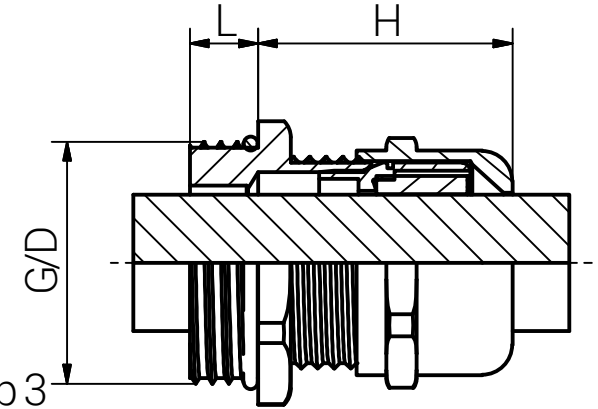
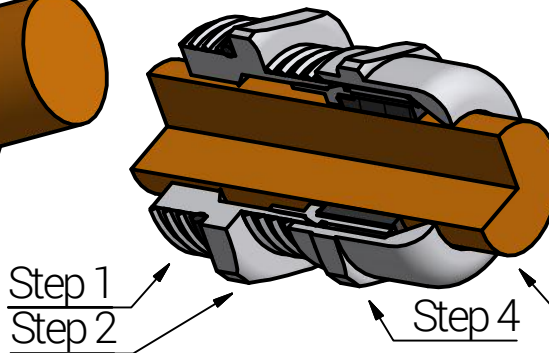
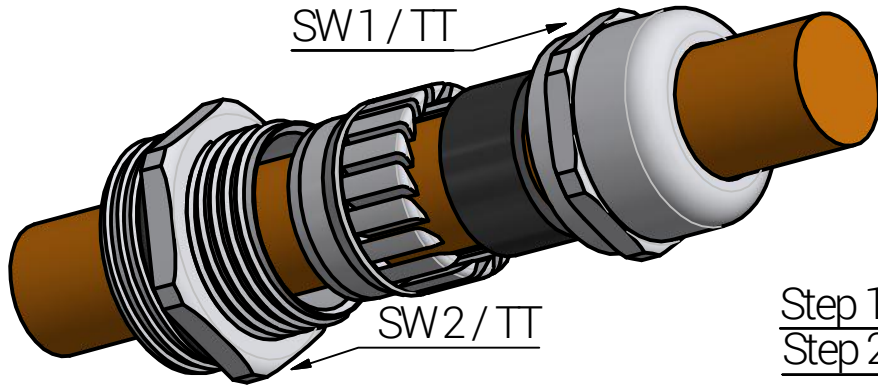
Unless otherwise specified on the drawing:
 Metric Thread = EN 60423
 PG Thread = DIN 40430
 NPT Thread = ANSI B1.20.1
 Tolerance: DIN ISO 2768-m
 All dimensions in mm.

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				Date	Name	
				Draw.	10.07.2018	SL
				Appr.	10.07.2018	KH
				Norm		
D	60080522	23.11.2021	SL	Scale:	1:1	
C	Anzugsdrehmoment	06.05.2021	SL	Material:	Messing, vernickelt	
B	Text	09.11.2020	SL			
A	Anzugsdrehmoment	20.03.2019	SL			
Status	Modification	Date	Name	Z:\Inventar\Montageanleitung\Euro-Top-Messing\6008x5xx_SZM_TD\Euro-Top-01-1-BG-0001-6008x5xx_SZM_TD_German.idw		

Euro-Top Messing M	
Drawing-Nr.:	6008x5xx_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	
60080512	M12x1,5	3,0	6,5	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	5
60080516	M16x1,5	4,0	8,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	6
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	6
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	6
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	6
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	7
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	7
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	7
60080565	M63x1,5	37,0	53,0	75	75	10,0	50,0	63,0	63 (0/+0,2)	55,0	25,0	7

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 - Clamping range 3-4mm only at M12 = cable retention - Balance = Category A	
Degree of protection: IP 68 / IP 66 / IP 69.	



connected by competence

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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.	16.07.2018	SL	
Appr.	16.07.2018	KH	
Norm			
D	60080522	23.11.2021	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

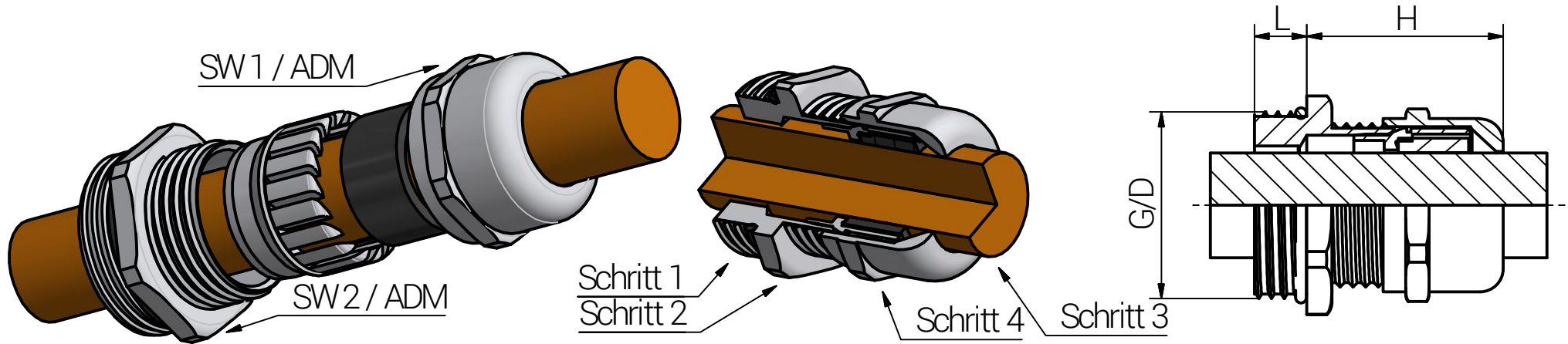
Euro-Top Brass M

Material: Nickel Plated Brass		Drawing-Nr.: 6008x5xx_SZMLTD_English		1	of 1
				A4	V20

Z:\Inventor\Montageanleitung\Euro-Top-Messing\6008x5xx_SZMLTD\Euro-Top-01-1-BG-0001-6008x5xx_SZMLTD_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	
60180512	M12x1,5	2,0	5,0	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	5
60180516	M16x1,5	2,0	6,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	6
60180520	M20x1,5	5,0	9,0	22	22	8,0	26,5	20,0	20 (0/+0,2)	9,0	5,5	6
60180525	M25x1,5	7,0	12,0	24	27	8,0	28,0	25,0	25 (0/+0,2)	10,5	6,0	6
60180532	M32x1,5	9,0	16,0	30	34	9,0	33,0	32,0	32 (0/+0,2)	12,0	6,0	6
60180540	M40x1,5	12,0	20,0	40	43	9,0	38,0	40,0	40 (0/+0,2)	29,0	12,0	7
60180550	M50x1,5	20,0	26,0	50	55	9,0	48,0	50,0	50 (0/+0,2)	44,0	18,0	7
60180563	M63x1,5	29,0	35,0	64	68	14,0	53,0	63,0	63 (0/+0,2)	50,0	25,0	7

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 - Klemmbereich 3-4 mm nur bei M12 = 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
Material:			Messing, vernickelt
A	Anzugsdrehmoment	06.05.2021	SL
Status	Modification	Date	Name

Euro-Top Messing M mit Reduzierdichteinsatz

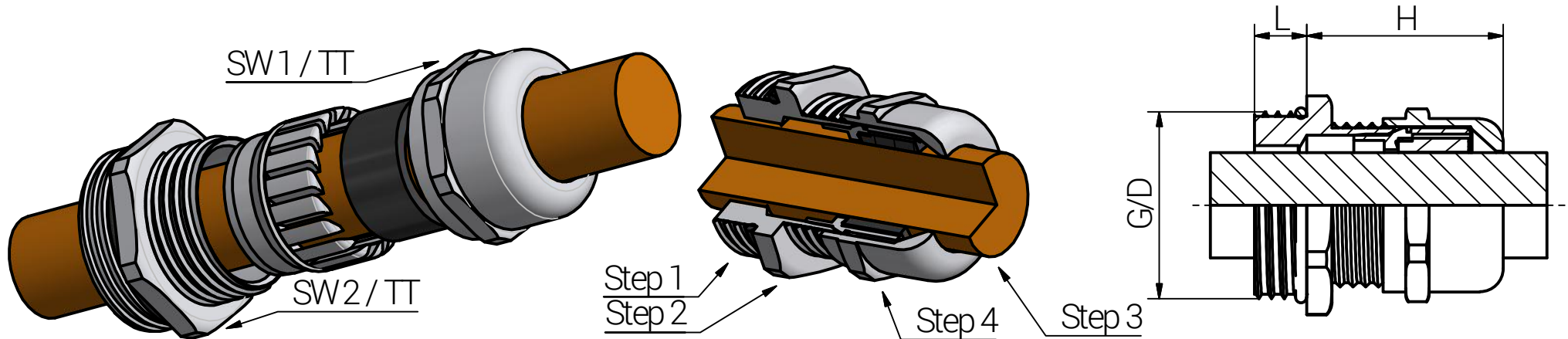
Drawing-Nr.:
601805xx_SZM_TD_German

1 of 1

A4

V18

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	5
60180516	M16x1,5	2,0	6,0	17	18	7,0	23,0	16,0	16 (0/+0,2)	6,5	4,0	6
60180520	M20x1,5	5,0	9,0	22	22	8,0	26,5	20,0	20 (0/+0,2)	9,0	5,5	6
60180525	M25x1,5	7,0	12,0	24	27	8,0	28,0	25,0	25 (0/+0,2)	10,5	6,0	6
60180532	M32x1,5	9,0	16,0	30	34	9,0	33,0	32,0	32 (0/+0,2)	12,0	6,0	6
60180540	M40x1,5	12,0	20,0	40	43	9,0	38,0	40,0	40 (0/+0,2)	29,0	12,0	7
60180550	M50x1,5	20,0	26,0	50	55	9,0	48,0	50,0	50 (0/+0,2)	44,0	18,0	7
60180563	M63x1,5	29,0	35,0	64	68	14,0	53,0	63,0	63 (0/+0,2)	50,0	25,0	7

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 - Clamping range 3-4mm only at M12 = cable retention - Balance = Category A	
Degree of protection: IP 68 (5 bar/30 min.) / IP 66 / IP 69.	



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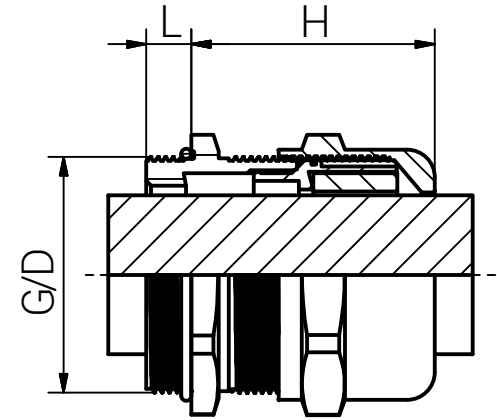
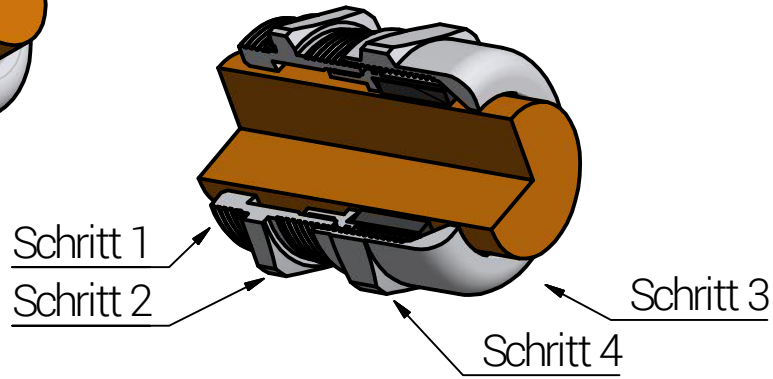
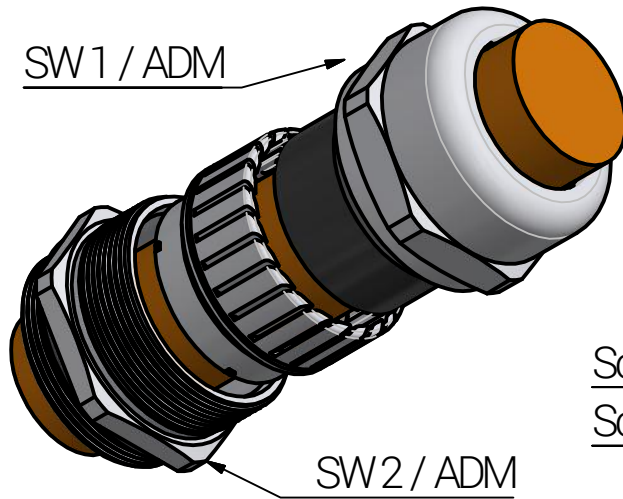
Unless otherwise specified on the drawing:
 Metric Thread = EN 60423
 PG Thread = DIN 40430
 NPT Thread = ANSI B1.20.1
 Tolerance: DIN ISO 2768-m
 All dimensions in mm.

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		Date	Name
Draw.		03.02.2021	SL
Appr.		03.02.2021	KH
Norm			
Scale:			1:1
Material:			Nickel Plated Brass
A	Tightening Torque	06.05.2021	SL
Status	Modification	Date	Name

Euro-Top Brass M with Reducing Sealing		Drawing-Nr.: 601805xx_SZMLTD_English		1 of 1
				A4
Z:\Inventor\Montageanleitung\Euro-Top-Messing\601805xx_SZMLTD\Euro-Top-01-1-BG-0001-601805xx_SZMLTD_English.idw				V21

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 Schlagen- wirkung *
		≥	≤							Hutmutter	Stutzen	
60080407	PG7	3,0	6,5	14	14	6,0	22,0	12,5	12,7	5,0	3,0	5
60080409	PG9	4,0	8,0	17	17	6,0	23,5	15,2	15,4	6,0	4,0	6
60080411	PG11	5,0	10,0	20	20	6,0	26,0	18,6	18,8	7,0	5,0	6
60080413	PG13,5	6,0	12,0	22	22	6,5	24,5	20,4	20,7	8,0	5,5	6
60080416	PG16	10,0	14,0	24	24	6,5	28,0	22,5	22,8	11,0	7,0	6
60080421	PG21	13,0	18,0	30	30	7,2	32,5	28,3	28,6	17,0	10,0	6
60080429	PG29	18,0	25,0	40	40	8,0	38,5	32,0	37,4	30,0	15,0	7
60080436	PG36	22,0	32,0	50	50	9,0	48,0	47,0	47,5	42,0	20,0	7
60080442	PG42	30,0	38,0	58	58	12,0	48,5	54,0	54,5	45,0	27,0	7
60080448	PG48	34,0	44,0	64	64	14,0	53,0	59,3	59,8	50,0	35,0	7

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
 - Klemmbereich 3-4 mm nur bei M12 = 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.

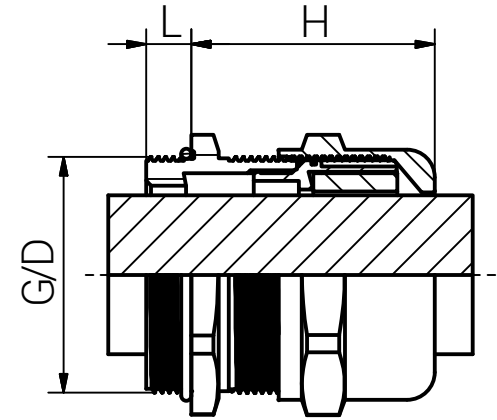
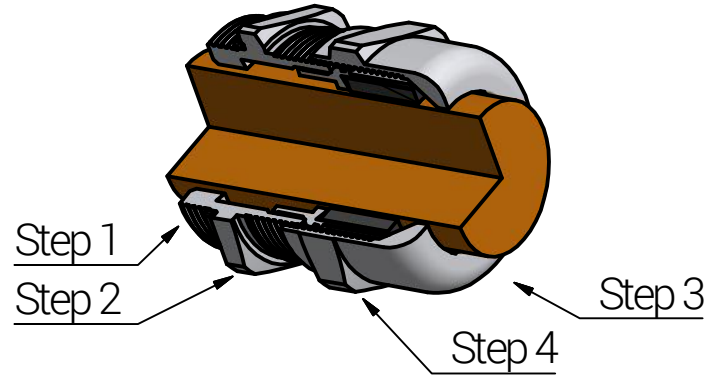
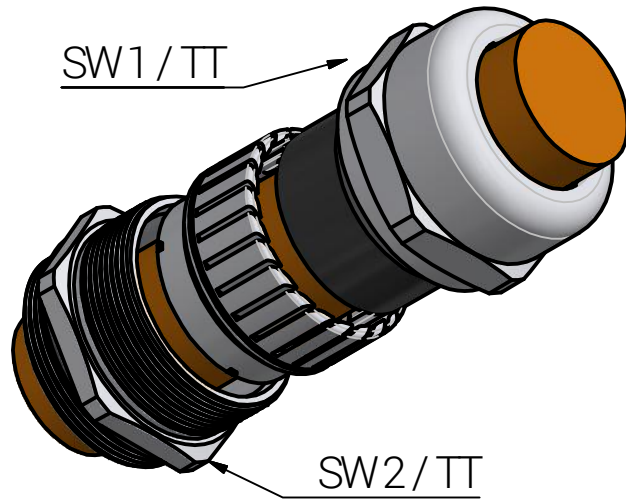
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		Date	Name
Draw.		11.07.2018	SL
Appr.		11.07.2018	KH
Norm			
Scale:			1:1,5
C	Anzugsdrehmoment	06.05.2021	SL
B	Text	09.11.2020	SL
A	Anzugsdrehmoment	20.03.2019	SL
Status	Modification	Date	Name

Material: **Messing, vernickelt**

Euro-Top Messing PG	
Drawing-Nr.: 600804xx_SZPG_TD_German	1 of 1
	A4
	V17

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	5
60080409	PG9	4,0	8,0	17	17	6,0	23,5	15,2	15,4	6,0	4,0	6
60080411	PG11	5,0	10,0	20	20	6,0	26,0	18,6	18,8	7,0	5,0	6
60080413	PG13,5	6,0	12,0	22	22	6,5	24,5	20,4	20,7	8,0	5,5	6
60080416	PG16	10,0	14,0	24	24	6,5	28,0	22,5	22,8	11,0	7,0	6
60080421	PG21	13,0	18,0	30	30	7,2	32,5	28,3	28,6	17,0	10,0	6
60080429	PG29	18,0	25,0	40	40	8,0	38,5	32,0	37,4	30,0	15,0	7
60080436	PG36	22,0	32,0	50	50	9,0	48,0	47,0	47,5	42,0	20,0	7
60080442	PG42	30,0	38,0	58	58	12,0	48,5	54,0	54,5	45,0	27,0	7
60080448	PG48	34,0	44,0	64	64	14,0	53,0	59,3	59,8	50,0	35,0	7


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
 - Clamping range 3-4mm only at M12 = cable retention
 - Balance = Category A

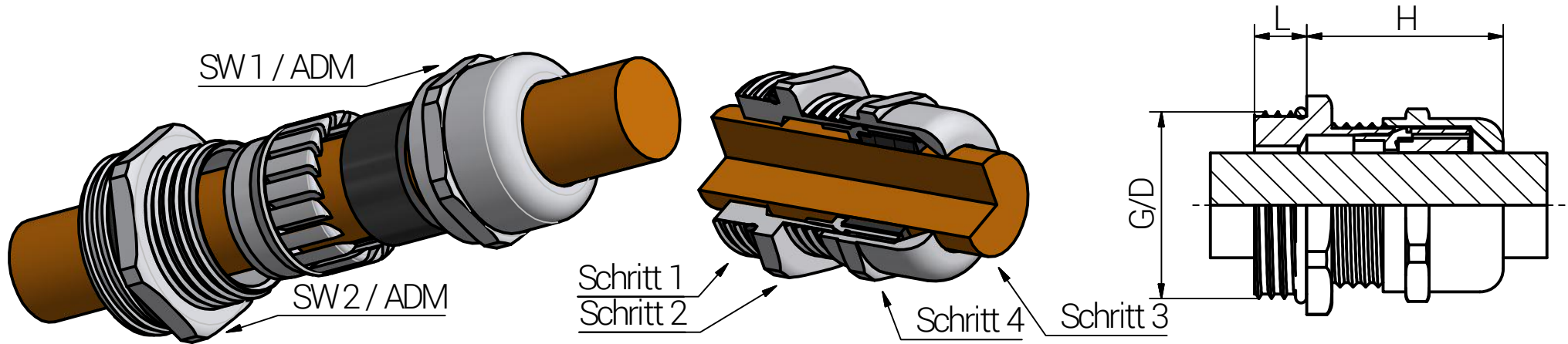
Degree of protection: IP 68 / IP 66.

* 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.			
		Draw.	17.07.2018	SL	<h2>Euro-Top Brass PG</h2>						
Appr.	17.07.2018	KH									
Norm											
Scale:		1:1,5									
C	Tightening Torque	06.05.2021	SL	Material: Nickel Plated Brass			Drawing-Nr.: 600804xx_SZPG_TD_English			1	of 1
B	Text	09.11.2020	SL							A4	
A	Tightening Torque	20.03.2019	SL								
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\600804xx_SZPG_TD\Euro-Top-02-1-BG-0001-600804xx_SZPG_TD_English.idw						V12	

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 Schlag- wirkung *
		≥	≤							Hutmutter	Stutzen	
60180407	PG7	2,0	5,0	14	14	6,0	22,0	12,5	12,7	5,0	3,0	5
60180409	PG9	2,0	6,0	17	18	6,0	23,5	15,2	15,4	6,5	4,0	6
60180411	PG11	3,0	7,0	20	20	6,0	26,0	18,6	18,8	8,5	5,0	6
60180413	PG13,5	5,0	9,0	22	22	6,5	24,5	20,4	20,7	9,0	5,5	6
60180416	PG16	7,0	12,0	24	27	6,5	28,0	22,5	22,8	10,5	7,0	6
60180421	PG21	9,0	16,0	30	34	7,2	32,5	28,3	28,6	12,0	10,0	6
60180429	PG29	12,0	20,0	40	43	8,0	38,5	32,0	37,4	29,0	15,0	7
60180436	PG36	20,0	26,0	50	55	9,0	48,0	47,0	47,5	44,0	20,0	7
60180442	PG42	25,0	31,0	58	64	12,0	48,5	54,0	54,5	44,0	27,0	7
60180448	PG48	29,0	35,0	64	68	14,0	53,0	59,3	59,8	50,0	35,0	7

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
 - Klemmbereich 3-4 mm nur bei M12 = Rückhaltevermögen
 - Rest = Kategorie A

IP-Schutzart ist IP 68 / IP 66.

* Von metrischen Größen übernommen.



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 ✉ info@rst.eu

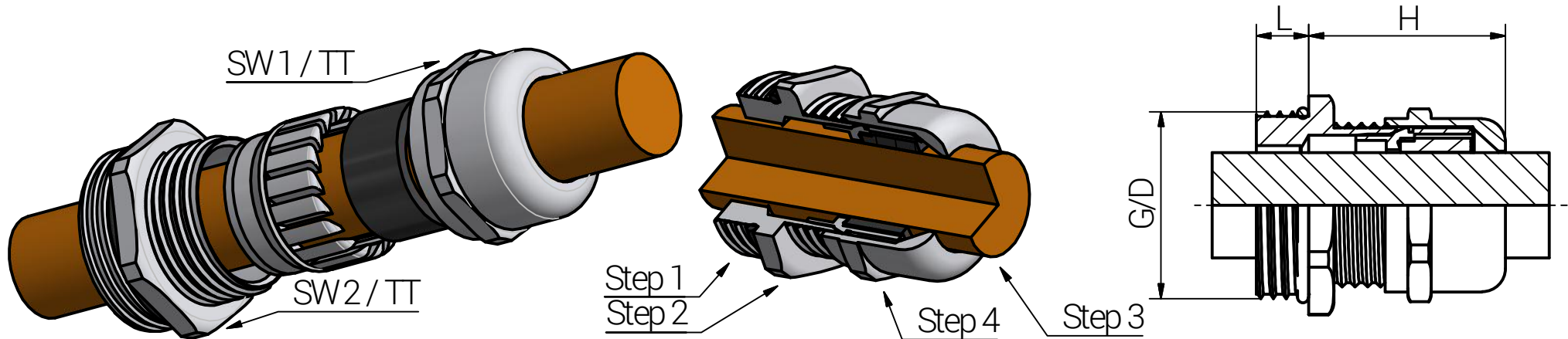
Unless otherwise specified on the drawing:
 Metric Thread = EN 60423
 PG Thread = DIN 40430
 NPT Thread = ANSI B1.20.1
 Tolerance: DIN ISO 2768-m
 All dimensions in mm.

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		Date	Name
Draw.		03.02.2021	SL
Appr.		03.02.2021	KH
Norm			
Scale:			1:1
Material:			Messing, vernickelt
A	Anzugsdrehmoment	06.05.2021	SL
Status	Modification	Date	Name

Euro-Top Messing PG mit Reduzierdichteinsatz		
Drawing-Nr.:	601804xx_SZPG_TD_German	1 of 1
		A4
		V24

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	5
60180409	PG9	2,0	6,0	17	17	6,0	23,5	15,2	15,4	6,5	4,0	6
60180411	PG11	3,0	7,0	20	20	6,0	26,0	18,6	18,8	8,5	5,0	6
60180413	PG13,5	5,0	9,0	22	22	6,5	24,5	20,4	20,7	9,0	5,5	6
60180416	PG16	7,0	12,0	24	24	6,5	28,0	22,5	22,8	10,5	7,0	6
60180421	PG21	9,0	16,0	30	30	7,2	32,5	28,3	28,6	12,0	10,0	6
60180429	PG29	12,0	20,0	40	40	8,0	38,5	32,0	37,4	29,0	15,0	7
60180436	PG36	20,0	26,0	50	50	9,0	48,0	47,0	47,5	44,0	20,0	7
60180442	PG42	25,0	31,0	58	58	12,0	48,5	54,0	54,5	44,0	27,0	7
60180448	PG48	29,0	35,0	64	64	14,0	53,0	59,3	59,8	50,0	35,0	7

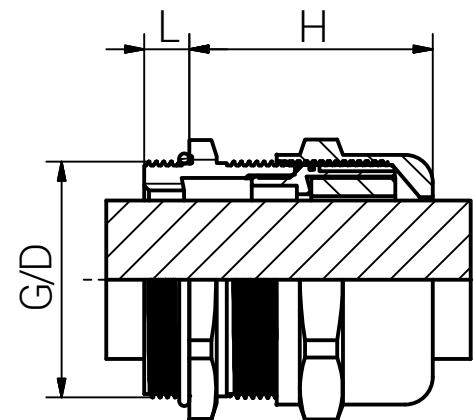
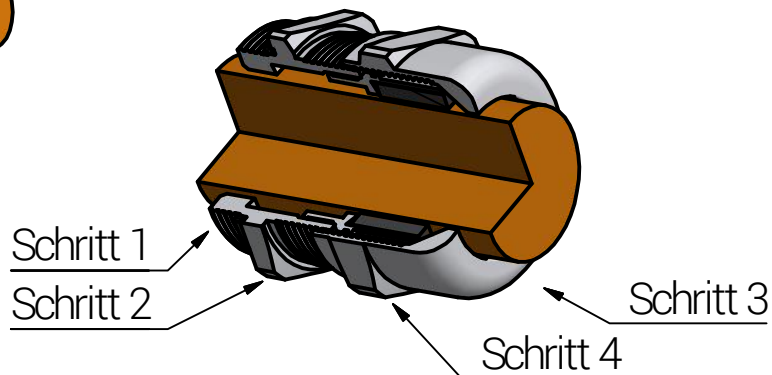
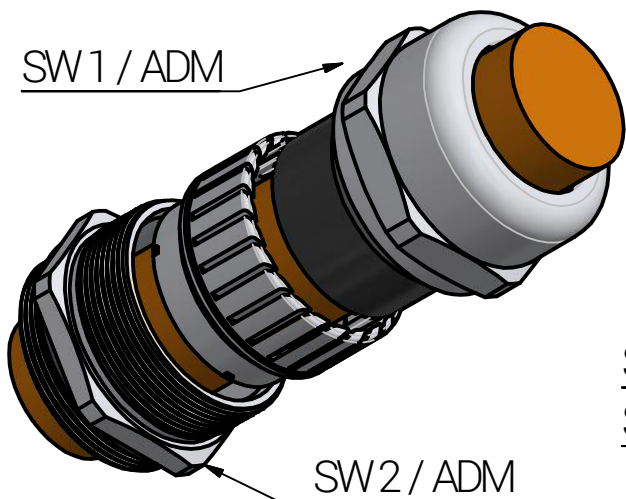
Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body until the O-Ring fulfills its function. The 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 - Clamping range 3-4mm only at M12 = 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> <tr> <td>Material:</td> <td></td> <td>Nickel Plated Brass</td> </tr> </tbody> </table>		Date	Name	Draw.	03.02.2021	SL	Appr.	03.02.2021	KH	Norm			Scale:		1:1	Material:		Nickel Plated Brass	Drawing-Nr.: 601804xx_SZPG_TD_Englisch			1 of 1 A4 V23	
	Date	Name																						
Draw.	03.02.2021	SL																						
Appr.	03.02.2021	KH																						
Norm																								
Scale:		1:1																						
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_Englisch.idw																				

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 - Klemmbereich 3-4 mm nur bei M12 = 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 Schlag- wirkung *
		≥	≤							Hutmutter	Stutzen	
60080038	NPT3/8"	4,0	8,0	17	19	11,5	23,0	21,0	-	6,5	3,0	6
60080012	NPT1/2"	6,0	12,0	22	22	13,0	25,5	25,5	-	17,0	5,5	6
60080034	NPT3/4"	13,0	18,0	30	30	13,0	35,5	33,0	-	17,0	6,0	6
60080100	NPT 1"	18,0	25,0	40	43	13,0	43,0	44,5	-	40,0	8,0	7



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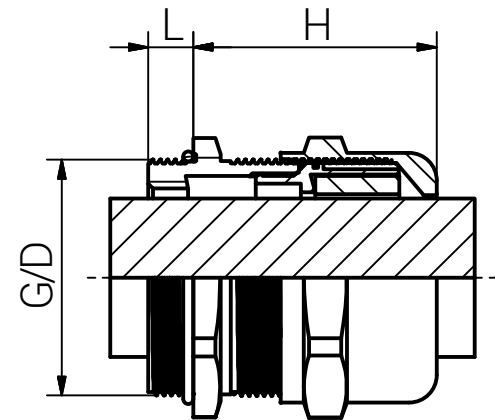
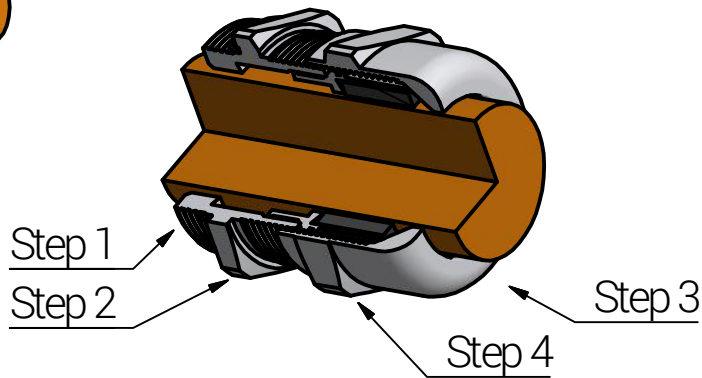
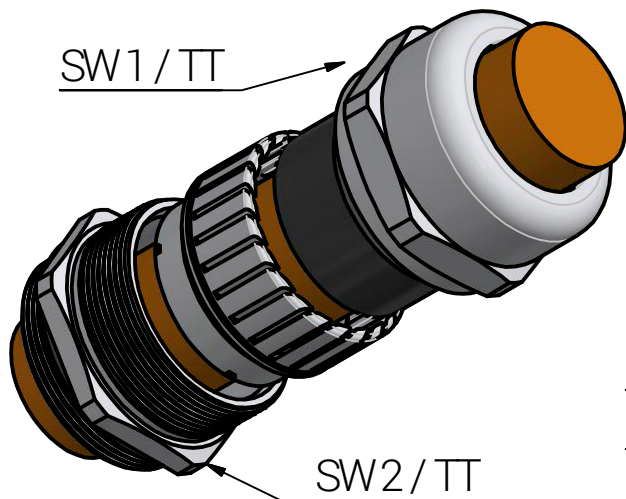
Unless otherwise specified on the drawing:
Metric Thread = EN 60423
PG Thread = DIN 40430
NPT Thread = ANSI B1.20.1
Tolerance: DIN ISO 2768-m
All dimensions in mm.

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		Date	Name
Draw.		11.07.2018	SL
Appr.		11.07.2018	KH
Norm			
Scale:			1:1,5
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	
Material:	Messing, vernicklet
Drawing-Nr.:	6008xxxx_SZNPT_TD_German
Scale:	1:1,5
Z:\Inventar\Montageanleitung\Euro-Top-Messing\6008xxxx_SZNPT_TD\Euro-Top-03-1-BG-0001-6008xxxx_SZNPT_TD_German.idw	
1	of 1
A4	
V18	

Mounting Instruction



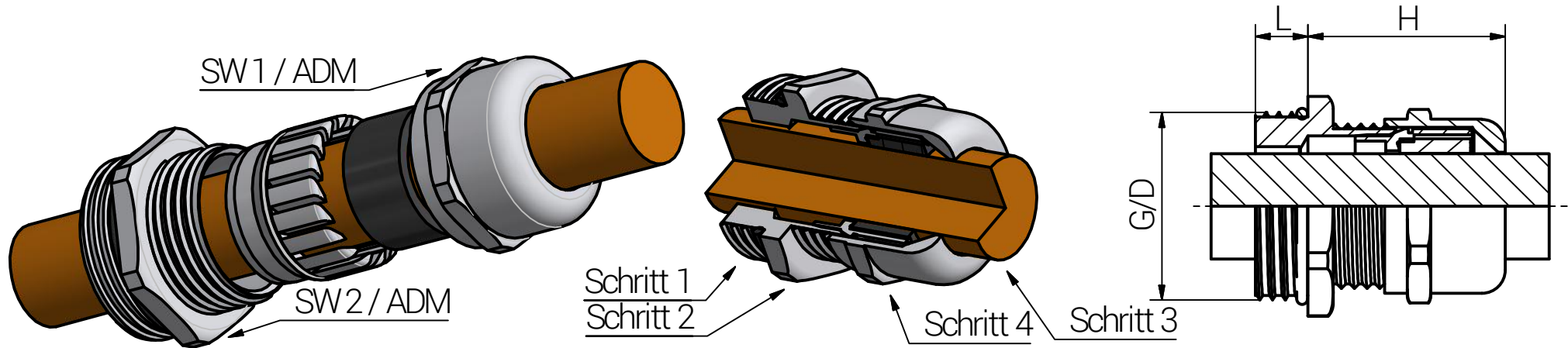
Step	Assembly Steps (The installation should only be done by a qualified electrician who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body relating to the TT mentioned in the table. Over 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.
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 - Clamping range 3-4mm only at M12 = cable retention - Balance = Category A	
Degree of protection: IP 66.	
* Adopted by metric sizes.	

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	6
60080012	NPT1/2"	6,0	12,0	22	22	13,0	25,5	25,5	-	17,0	5,5	6
60080034	NPT3/4"	13,0	18,0	30	30	13,0	35,5	33,0	-	17,0	6,0	6
60080100	NPT 1"	18,0	25,0	40	43	13,0	43,0	44,5	-	40,0	8,0	7

		RST Fabe-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.		
	Appr.	17.07.2018	KH							
	Norm									
	Scale:		1:1,5							
C	Tightening Torque	06.05.2021	SL	Material: <h3>Nickel Plated Brass</h3>			Drawing-Nr.: <h3>6008xxxx_SZNPT_TD_English</h3>		1	of 1
B	Text	09.11.2020	SL							
A	Tightening Torque	20.03.2019	SL				A4			
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\6008xxxx_SZNPT_TD\Euro-Top-03-1-BG-0001-6008xxxx_SZNPT_TD_English.idw				V10		


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

Montageanleitung



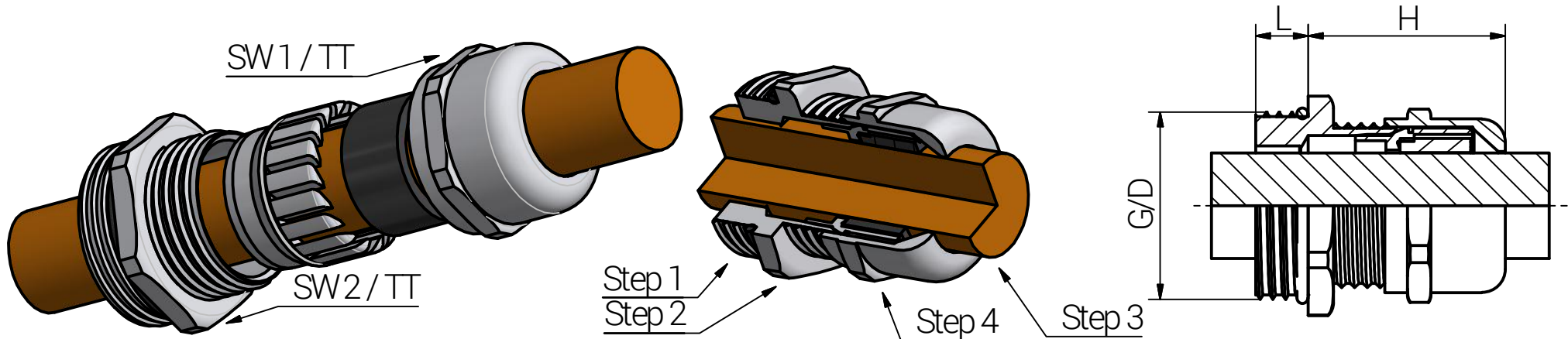
Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen mit in der Tabelle angegebenen 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 - Klemmbereich 3-4 mm nur bei M12 = 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	
60180038	NPT3/8"	2,0	6,0	17	19	11,5	23,0	21,0	-	6,5	3,0	6
60185038	NPT3/8"	3,0	7,0	20	20	11,5	29,5	21,0	-	8,5	3,0	6
60180012	NPT1/2"	5,0	9,0	22	22	13,0	25,5	25,5	-	9,5	5,5	6
60185012	NPT1/2"	7,0	12,0	24	24	13,0	28,0	25,5	-	10,5	5,5	6
60180034	NPT3/4"	9,0	16,0	30	30	13,0	35,5	33,0	-	12,0	6,0	6
60180100	NPT1"	12,0	20,0	40	43	13,0	43,0	44,5	-	29,0	8,0	7

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	Date: 03.02.2021 Name: SL Draw: 03.02.2021 Name: KH Appr.: Norm: Scale: 1:1 Material: Messing, vernickelt	<h2>Euro-Top Messing NPT mit Reduzierdichteinsatz</h2>			Drawing-Nr.: 6018xxxx_SZNPT_TD_German	1 of 1 A4 V25
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\6018xxxx_SZNPT_TD\Euro-Top-01-1-BG-0001-6018xxxx_SZNPT_TD_German.idw		

Bitte beachten Sie, dass es sich bei der o.a. Darstellung nur um ein Maßbild handelt.

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	6
60185038	NPT 3/8"	3,0	7,0	20	20	11,5	29,5	21,0	-	8,5	3,0	6
60180012	NPT 1/2"	5,0	9,0	22	22	13,0	25,5	25,5	-	9,5	5,5	6
60185012	NPT 1/2"	7,0	12,0	24	24	13,0	28,0	25,5	-	10,5	5,5	6
60180034	NPT 3/4"	9,0	16,0	30	30	13,0	35,5	33,0	-	12,0	6,0	6
60180100	NPT 1"	12,0	20,0	40	43	13,0	43,0	44,5	-	29,0	8,0	7

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
- Clamping range 3-4mm only at M12 = cable retention
- Balance = Category A

Degree of protection: 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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Date	Name
Draw. 03.02.2021	SL
Appr. 03.02.2021	KH
Norm	
Scale:	1:1
Material:	Nickel Plated Brass
Status	Modification
Date	Name

Euro-Top Brass NPT with Reducing Sealing	
Drawing-Nr.:	6018xxxx_SZNPT_TD_English
1	of 1
A4	
V26	

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