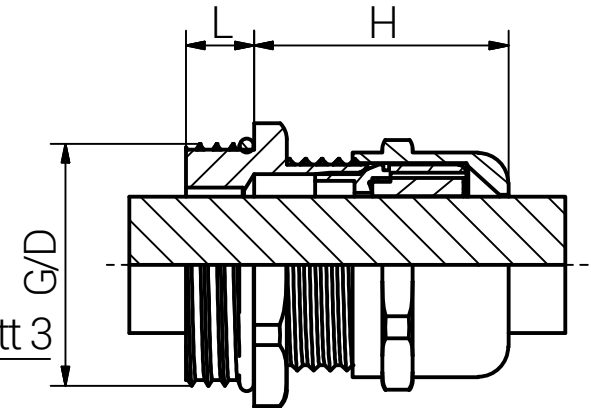
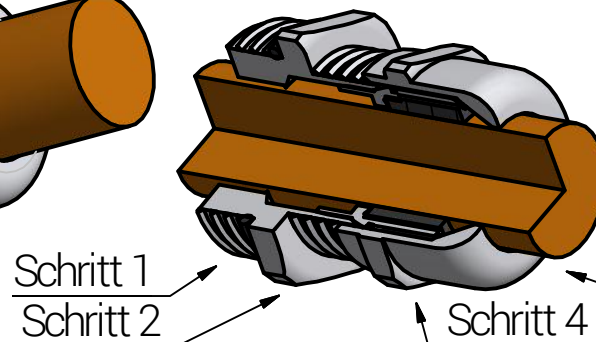
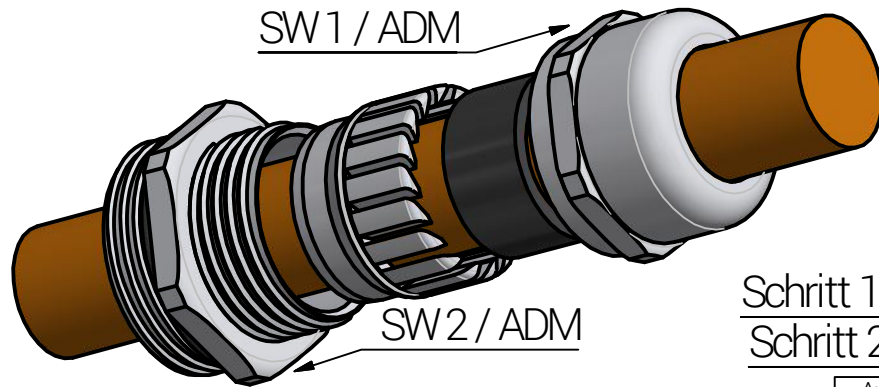


Montageanleitung



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 3-4 mm = 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.

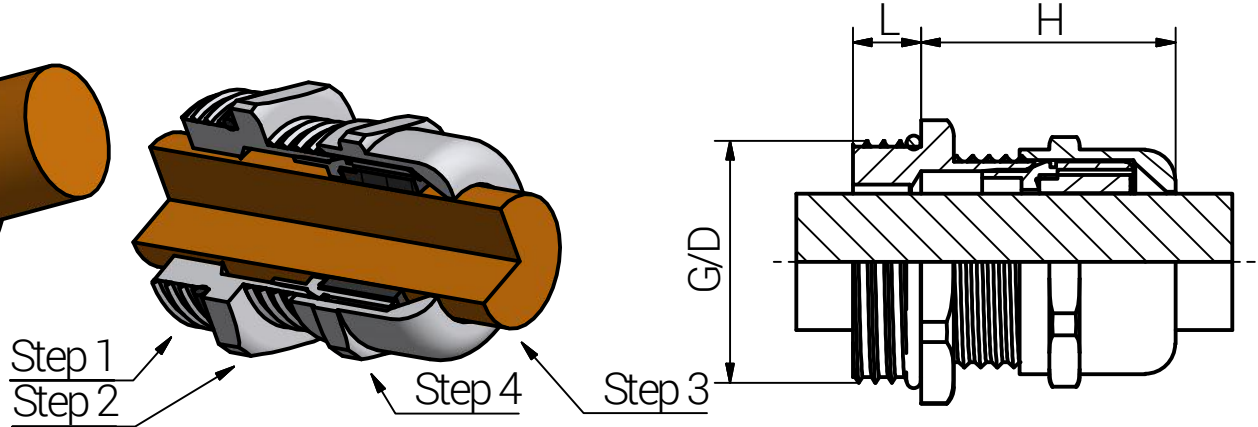
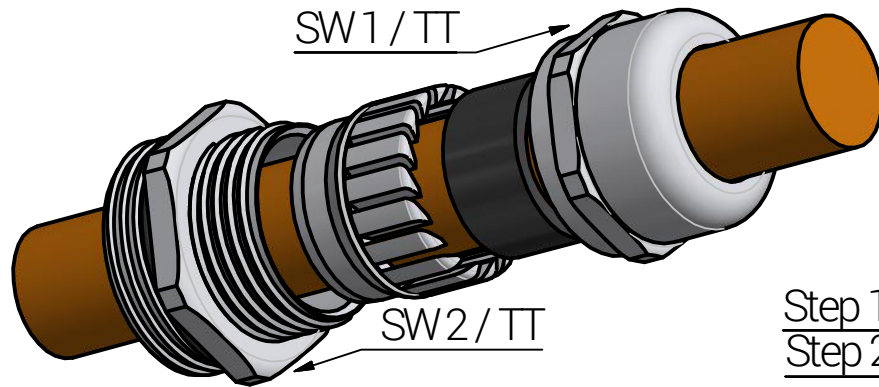
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					Date	Name
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				Appr.	10.07.2018	KH
E	Erklärungstext	20.12.2022	SL	Norm		
D	60080522	23.11.2021	SL	Scale:		1:1
C	Anzugsdrehmoment	06.05.2021	SL	Material: Messing, vernickelt		
B	Text	09.11.2020	SL			
A	Anzugsdrehmoment	20.03.2019	SL			
Status	Modification	Date	Name	Z:\Inventar\Montageanleitung\Euro-Top-Messing\6008x5xx		

Euro-Top Messing M

Drawing-Nr.:	6008x5xx_SZM_TD_German	1	of 1
		A4	V22

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.



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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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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.

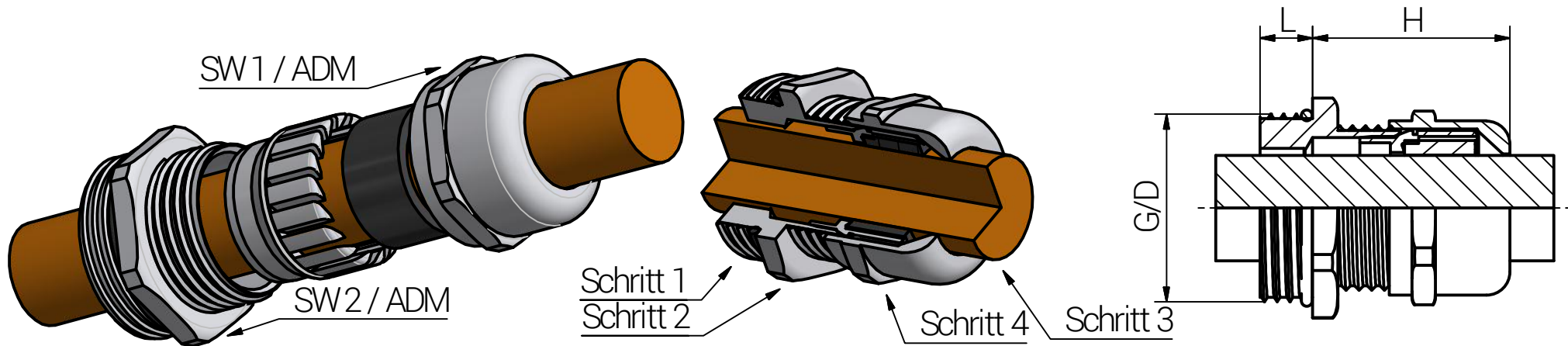
		Date		Name	
		Draw.	16.07.2018	SL	
		Appr.	16.07.2018	KH	
E	Text of the statement	20.12.2022	SL	Norm	
D	60080522	23.11.2021	SL	Scale:	1:1
C	Tightening Torque	06.05.2021	SL	Material:	
B	Text	09.11.2020	SL	Nickel Plated Brass	
A	Tightening Torque	20.03.2019	SL		
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\6008x5xx_SZML.TD\Euro-Top-01-1-BG-0001-6008x5xx_SZML.TD_English.idw	

Euro-Top Brass M

Drawing-Nr.:
6008x5xx_SZML.TD_English

1 of
1
A4
V20

Montageanleitung

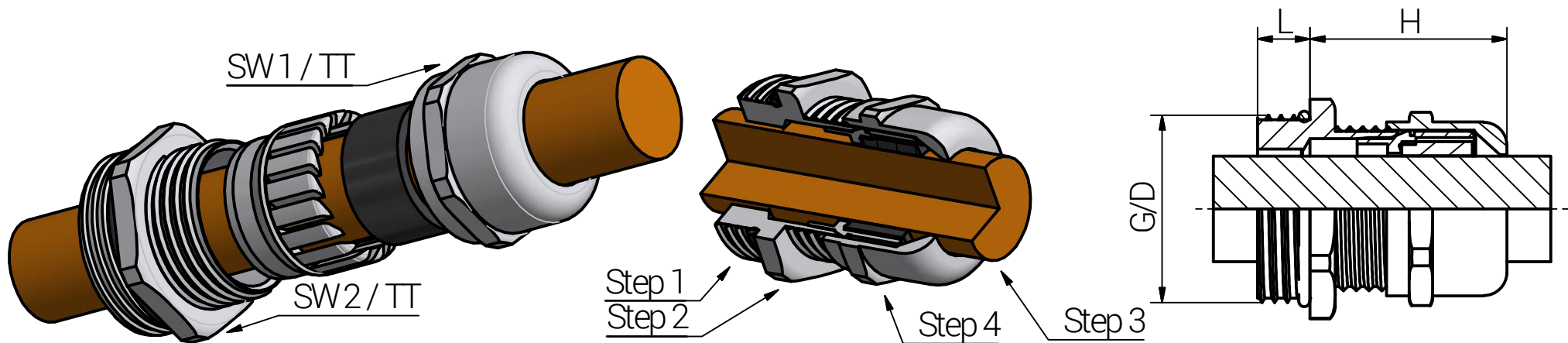


Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlagein- wirkung
		≥	≤							Hutmutter	Stutzen	
60180512	M12x1,5	2,0	5,0	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	3,0	5
60180516	M16x1,5	2,0	6,0	17	18	7,0	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 - Rest = Kategorie A	
IP-Schutzart ist IP 68 (5 bar/30 Min.) / IP 66 / IP 69.	

 connected by competence				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.			Abusive use, in particular reproduction and dissemination to third parties is not permitted. You can be punished by civil law. Technical changes are reserved.		
					Date	Name	Euro-Top Messing M mit Reduzierdichteinsatz					
				Draw.	03.02.2021	SL						
				Appr.	03.02.2021	KH						
				Norm								
				Scale:		1:1	Drawing-Nr.: 601805xx_SZM_TD_German					
				Material: Messing, vernickelt								
B	Erklärungstext	20.12.2022	SL	Z:\Inventor\Montageanleitung\Euro-Top-Messing\601805xx_SZM_TD\Euro-Top-01-1-BG-0001-601805xx_SZM_TD_German.idw			1 of 1					
A	Anzugsdrehmoment	06.05.2021	SL						A4			
Status	Modification	Date	Name	V20								

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 - Balance = Category A	
Degree of protection: IP 68 (5 bar/30 min.) / IP 66 / IP 69.	



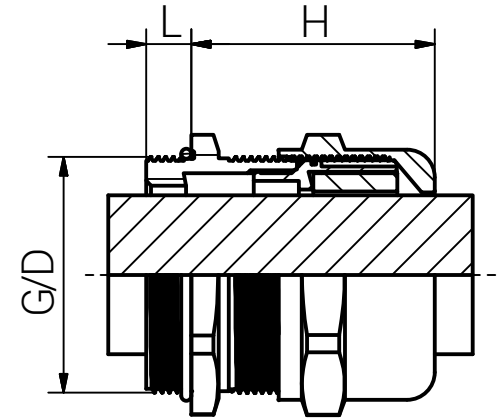
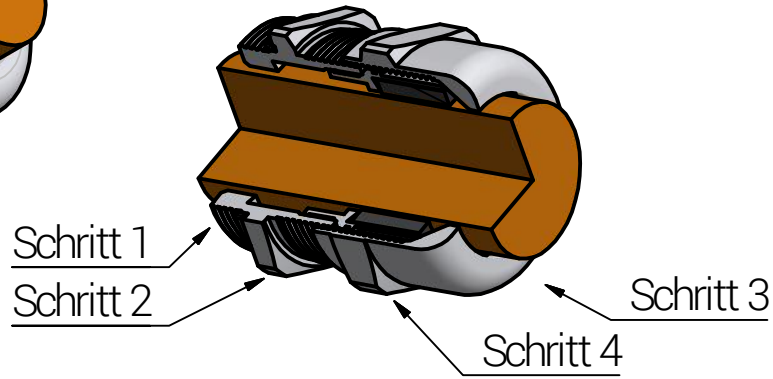
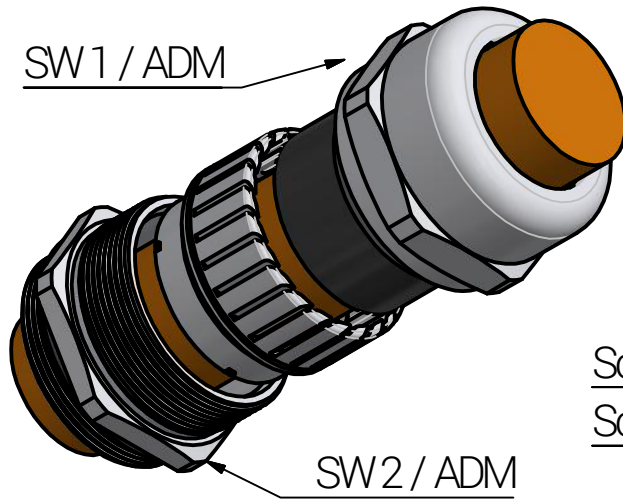
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Unless otherwise specified on the drawing:
Metric Thread = EN 60423
PG Thread = DIN 40430
NPT Thread = ANSI B1.20.1
Tolerance: DIN ISO 2768-m
All dimensions in mm.

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					Date	Name	Euro-Top Brass M with Reducing Sealing				
				Draw.	03.02.2021	SL					
				Appr.	03.02.2021	KH					
				Norm							
				Scale:		1:1					
				Material:			Drawing-Nr.:		1	of	
B	Text of the statement	20.12.2022	SL	Nickel Plated Brass			601805xx_SZMLTD_English		1		
A	Tightening Torque	06.05.2021	SL						A4		
Status	Modification	Date	Name	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 Schlagein- 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 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.

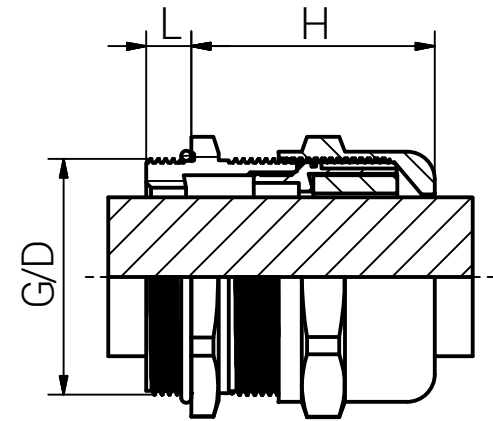
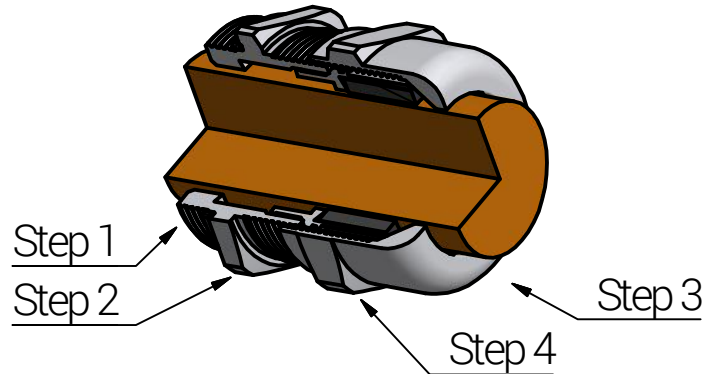
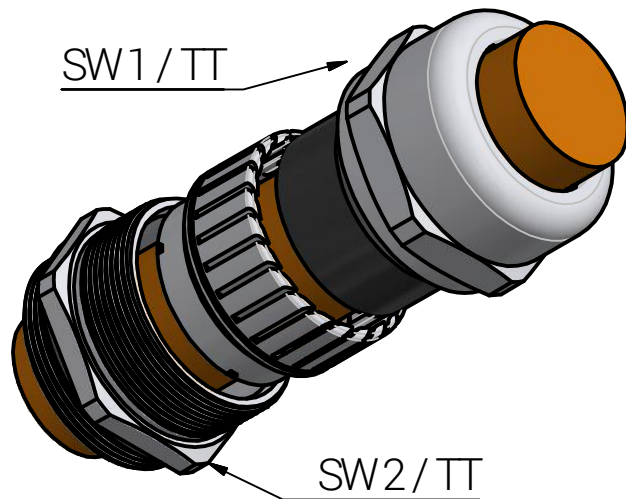
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					Date	Name
				Draw.	10.07.2018	SL
				Appr.	10.07.2018	KH
				Norm		
D	Erklärungstext	20.12.2022	SL	Scale:		1:1,5
C	Anzugsdrehmoment	06.05.2021	SL	Material: Messing, vernickelt		
B	Text	09.11.2020	SL			
A	Anzugsdrehmoment	20.03.2019	SL			
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\600804xx		

Euro-Top Messing PG

Drawing-Nr.:	600804xx_SZPG_TD_German	1	of 1
		A4	V19

Mounting Instruction

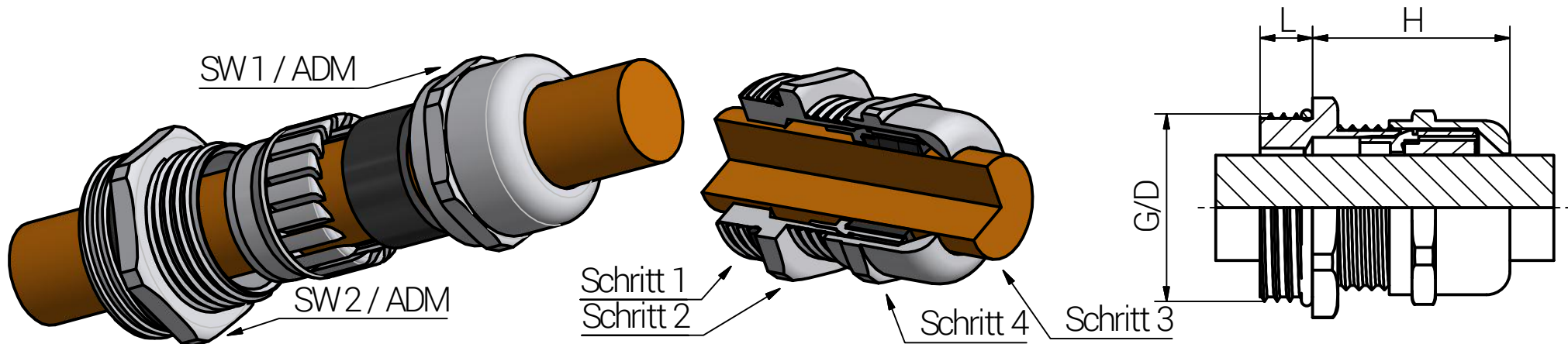


Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category *
		≥	≤							Cap	Body	
60080407	PG7	3,0	6,5	14	14	6,0	22,0	12,5	12,7	5,0	3,0	5
60080409	PG9	4,0	8,0	17	17	6,0	23,5	15,2	15,4	6,0	4,0	6
60080411	PG11	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 3-4mm = cable retention - Balance = Category A	
Degree of protection: IP 68 / IP 66.	
* Adopted by metric sizes.	

 connected by competence		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.		Abusive use, in particular reproduction and dissemination to third parties is not permitted. You can be punished by civil law. Technical changes are reserved.		
					Date	Name	Euro-Top Brass PG			
				Draw.	16.07.2018	SL				
				Appr.	16.07.2018	KH				
				Norm						
D	Text of the statement	20.12.2022	SL	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					V13	

Montageanleitung

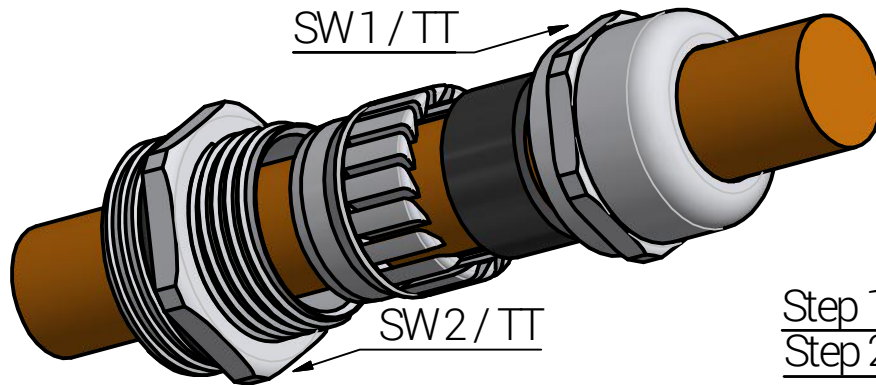


Artikel	Gewinde G	Klemmbereich (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlägein- wirkung *
		≥	≤							Hutmutter	Stutzen	
60180407	PG7	2,0	5,0	14	14	6,0	22,0	12,5	12,7	5,0	3,0	5
60180409	PG9	2,0	6,0	17	18	6,0	23,5	15,2	15,4	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

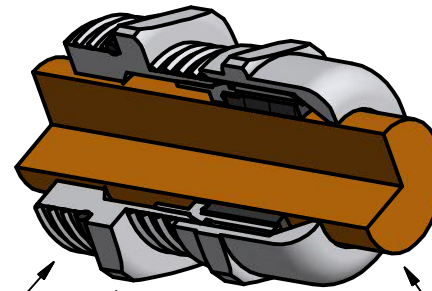
Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen soweit anziehen, dass 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 - Rest = Kategorie A	
IP-Schutzart ist IP 68 / IP 66.	
* Von metrischen Größen übernommen.	

 connected by competence				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.				Abusive use, in particular reproduction and dissemination to third parties is not permitted. You can be punished by civil law. Technical changes are reserved.				
				Date	Name	Euro-Top Messing PG mit Reduzierdichteinsatz										
				Draw.	03.02.2021									SL		
				Appr.	03.02.2021									KH		
				Norm												
				Scale:			1:1		Drawing-Nr.: 601804xx_SZPG_TD_German							
				Material:	Messing, vernickelt											
B	Erklärungstext	22.12.2022	SL	Z:\Inventor\Montageanleitung\Euro-Top-Messing\601804xx_SZPG_TD\Euro-Top-01-1-BG-0001-601804xx_SZPG_TD_German.idw		1 of 1										
A	Anzugsdrehmoment	06.05.2021	SL													
Status	Modification	Date	Name	V25												

Mounting Instruction

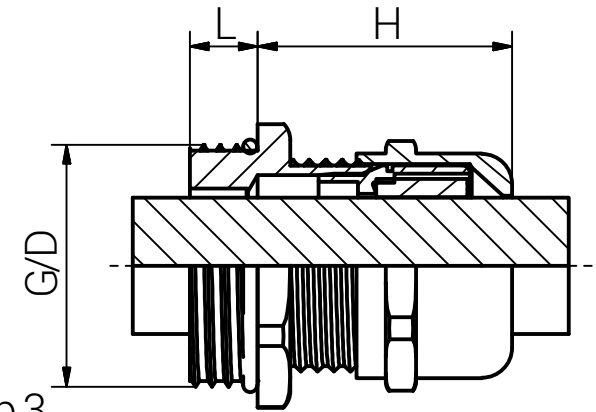


Step 1
Step 2



Step 4

Step 3



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.



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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.

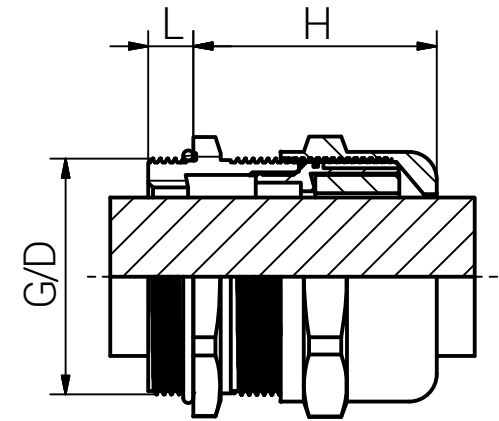
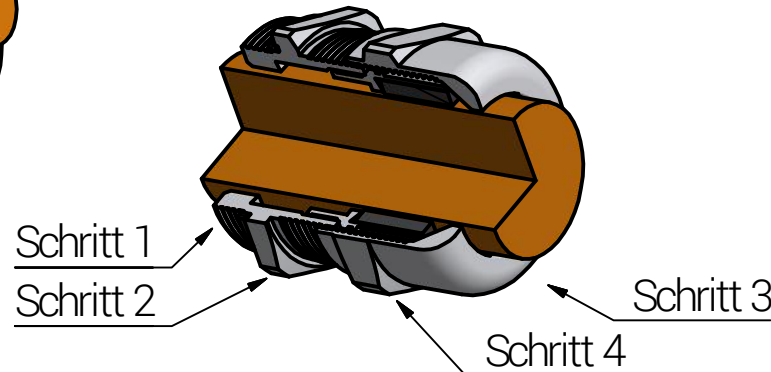
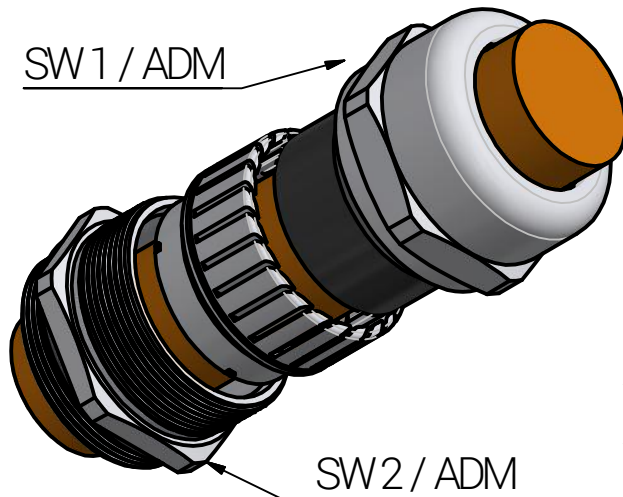
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Diameter of the mounting hole: - Threaded hole according to DIN 40430 - Through hole see table.	
Type of cable anchorage according to EN62444:2013* - Clamping range 2-4mm = cable retention - Balance = Category A	
Degree of protection: IP 68 / IP 66.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

			Date	Name
		Draw.	03.02.2021	SL
		Appr.	03.02.2021	KH
		Norm		
		Scale:		1:1
		Material:		Nickel Plated Brass
B	Text of the statement	20.12.2022	SL	
A	Tightening Torque	06.05.2021	SL	
Status	Modification	Date	Name	

Euro-Top Brass PG with Reducing Sealing		Drawing-Nr.: 601804xx_SZPG_TD_English		1	of 1
				A4	V24

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	6
60085038	NPT3/8"	5,0	10,0	20	20	11,5	29,5	21,0	–	8,0	3,0	6
60080012	NPT1/2"	6,0	12,0	22	22	13,0	25,5	25,5	–	17,0	5,5	6
60085012	NPT1/2"	10,0	14,0	24	24	13,0	28,0	25,5	–	11,0	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.

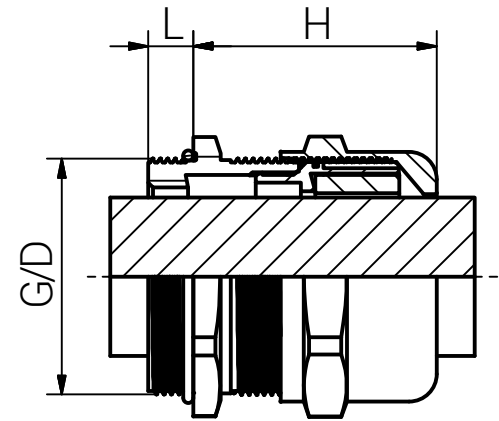
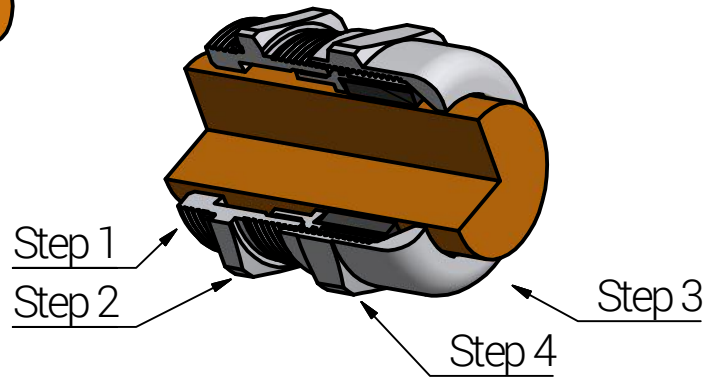
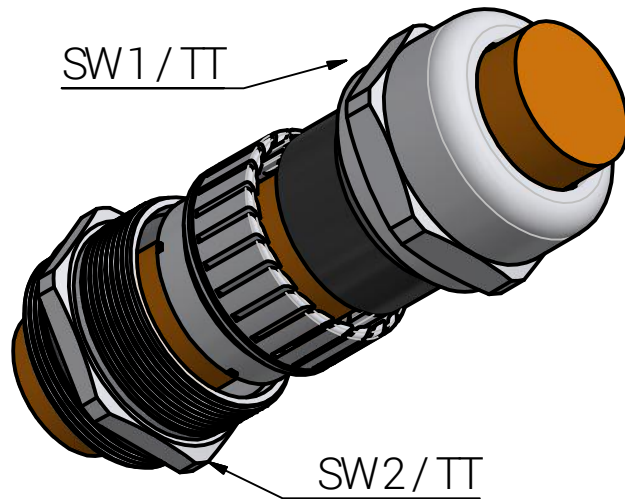
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					Date	Name
				Draw.	10.07.2018	SL
				Appr.	10.07.2018	KH
E	60085038+60085012	17.01.2023	SL	Norm		
D	Erklärungstext	20.12.2022	SL	Scale:		1:1,5
C	Anzugsdrehmoment	06.05.2021	SL	Material: Messing, vernickelt		
B	Text	09.11.2020	SL			
A	Anzugsdrehmoment	20.03.2019	SL			
Status	Modification	Date	Name			

Euro-Top Messing NPT

Drawing-Nr.:	6008xxxx_SZNPT_TD_German	1	of 1
		A4	V22

Mounting Instruction

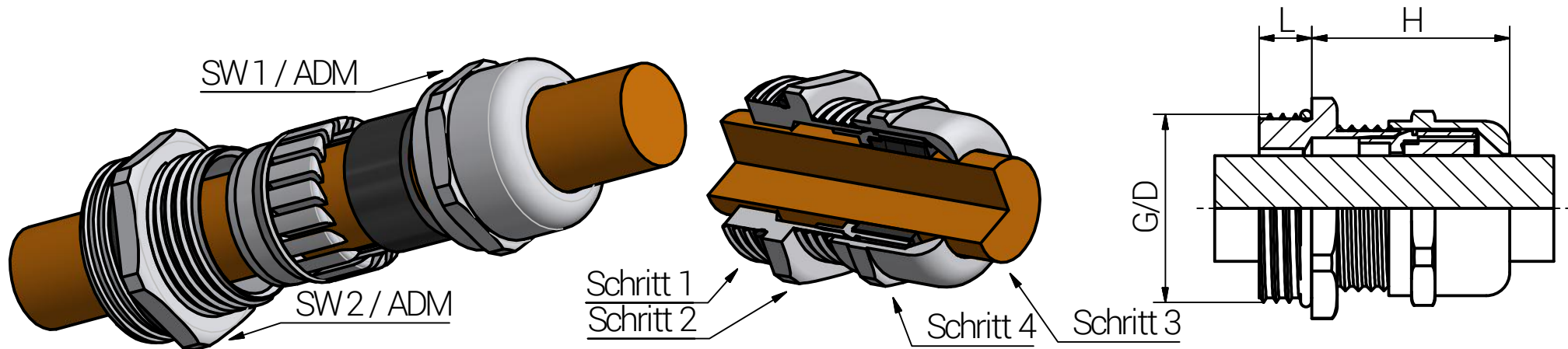


Article	Thread G	Clamping Range (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category *
		≥	≤							Cap	Body	
60080038	NPT3/8"	4,0	8,0	17	19	11,5	23,0	21,0	–	6,5	3,0	6
60085038	NPT3/8"	5,0	10,0	20	20	11,5	29,5	21,0	–	8,0	3,0	6
60080012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

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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					Date	Name	Euro-Top Brass NPT							
				Draw.	16.07.2018	SL								
				Appr.	16.07.2018	KH								
E	60085038+60085012	17.01.2023	SL	Norm										
D	Text of the statement	20.12.2022	SL	Scale:		1:1,5	Drawing-Nr.: 6008xxxx_SZNPT_TD_English						1	of 1
C	Tightening Torque	06.05.2021	SL	Material:	Nickel Plated Brass									
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_English.idw							A4			
												V13		

Montageanleitung



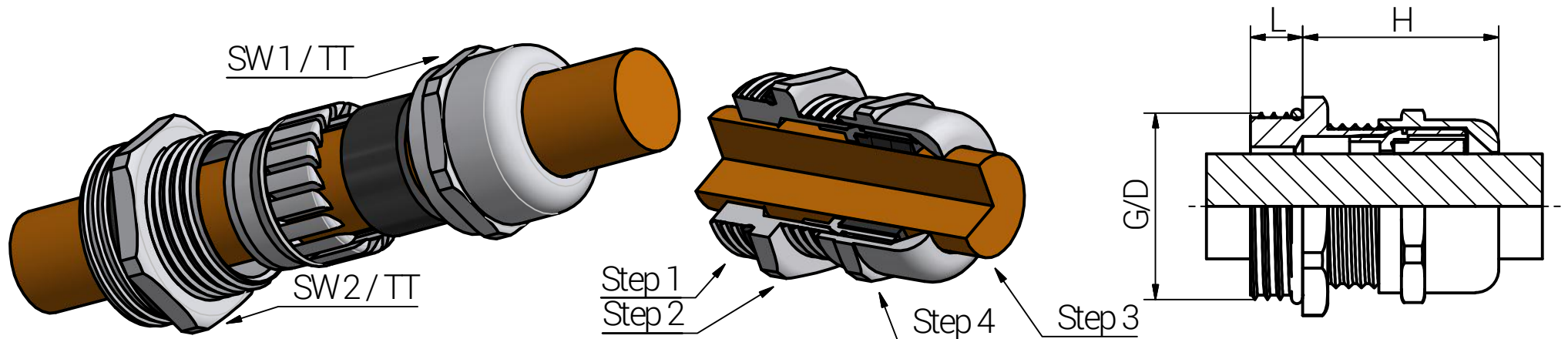
Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen mit in der Tabelle angegebenen 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	
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	Name	Euro-Top Messing NPT mit Reduzierdichteinsatz								
				Draw.	03.02.2021	SL									
				Appr.	03.02.2021	KH									
				Norm											
				Scale:		1:1	Drawing-Nr.: 6018xxxx_SZNPT_TD_German								
				Material: Messing, vernickelt											
A	Erklärungstext	20.12.2022	SL	Z:\Inventor\Montageanleitung\Euro-Top-Messing\6018xxxx_SZNPT_TD\Euro-Top-01-1-BG-0001-6018xxxx_SZNPT_TD_German.idw							1	of 1			
											A4				
Status	Modification	Date	Name								V26				

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



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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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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.

				Date	Name
				Draw. 03.02.2021	SL
				Appr. 03.02.2021	KH
				Norm	
				Scale:	1:1
				Material:	Nickel Plated Brass
A	Text of the statement	20.12.2022	SL		
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-Messing\6018xxxx_SZNPT_TD\Euro-Top-01-1-BG-0001-6018xxxx_SZNPT_TD_English.idw	

Euro-Top Brass NPT
with Reducing Sealing

Drawing-Nr.:
6018xxxx_SZNPT_TD_English

1 of 1
A4
V28