

Hygienic Glands **bimed**

bimedCLEAN Products

bimedCLEAN stainless steel Hygienic Cable Glands are used in all areas where cleanliness is a necessity. Avoiding build-up of dirt is most important in the following industries:

- Manufacturing and packaging of food and pharmaceuticals
- Clean room technology
- Biotechnology
- Chemical industry

Due to the special design of our Hygienic Cable Glands they provide the following benefits:

- smooth finish prevents harmful micro organisms to adhere to the surface
- no threads are exposed
- cleaning of cable glands is easier, faster and less expensive compared to traditional stainless steel cable glands
- reliable strain relief due to strain relief element separated from grommet
- suitable for high pressure steam cleaning

Protection categories:

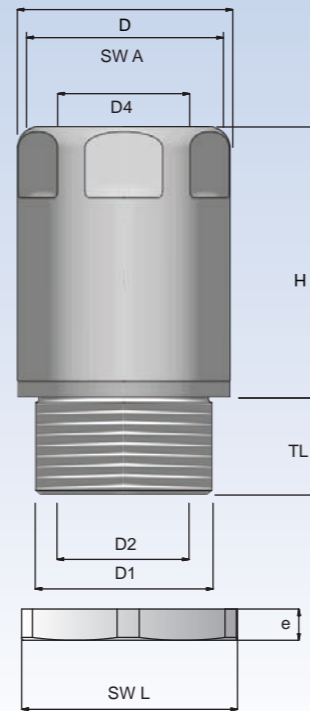
IP 68 (5 bar, 30 min) according to EN 60 529
IP 69K according to DIN 40 050-9

Materials:

Cap nut, body and locknut : stainless steel 1.4305 (AISI 303), other stainless steel grades available upon request

Grommet: TPE, according to FDA guideline 21 CFR 177.2600

Available in: Metric sizes, Pg and NPT upon request



STANDARD TYPE

Thread Type	Cable Clamping Range mm	Cable Gland Dimensions								Recommended Cap Tightening Torque Nm	Locknut Dimensions			Code Gland+Locknut
		SW A mm	D mm	D1 mm	D2 mm	D4 mm	H mm	TL mm	SW L mm		e mm	Recommended Locknut Tightening Torque Nm		
M12x1,5	3,0-6,5	14	15,6	12,0	7,0	6,8	21,5	6,0	2,5	15	2,8	6,0	BMFGX-05	
M16x1,5	5,0-10,0	18	20,2	16,0	10,5	10,3	28,5	7,0	4,0	19	3,0	9,0	BMFGX-01	
M20x1,5	6,0-12,0	22	24,1	20,0	12,5	12,3	33,0	10,0	5,0	24	3,5	12,0	BMFGX-02	
M25x1,5	12,0-17,0	28	30,1	25,0	17,5	17,3	38,0	14,0	6,0	30	4,0	14,0	BMFGX-03	

EMC TYPE

Thread Type	Cable Clamping Range mm	Cable Gland Dimensions								Recommended Cap Tightening Torque Nm	Locknut Dimensions			Code Gland+Emc Locknut
		SW A mm	D mm	D1 mm	D2 mm	D4 mm	H mm	TL mm	SW L mm		e mm	Recommended Locknut Tightening Torque Nm		
M16x1,5	5,0-10,0	18	20,0	16,0	10,0	10,3	28,5	7,0	4,0	19	3,0	9,0	BMEFGX-01	
M20x1,5	6,0-12,0	22	24,1	20,0	13,5	12,3	33,0	10,0	5,0	24	3,5	12,0	BMEFGX-02	
M25x1,5	12,0-17,0	28	30,1	25,0	17,5	17,3	38,0	14,0	6,0	30	4,0	14,0	BMEFGX-03	

TIGHTENING TOOL

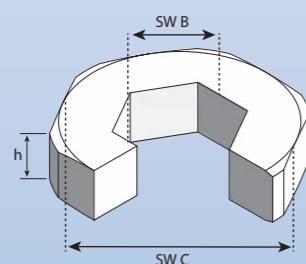
Thread Type	Tool Dimensions			Code
	SW B mm	SW C mm	h mm	
M12	5	8	5	BMFGT-01
M16	6	12	5	BMFGT-02
M20	8	14	8	BMFGT-03
M25	10	18	8	BMFGT-04



Installation instruction:



or www.bimedclean.com



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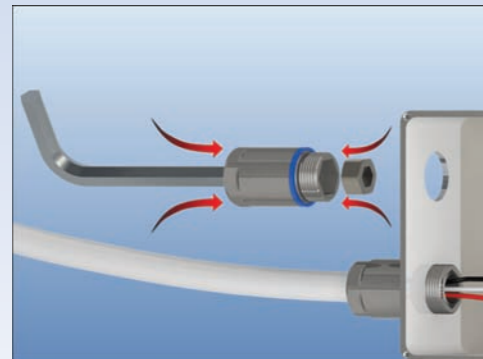
milad@bimedteknik.com

Become cleaner, better and more productive with **bimed**CLEAN™

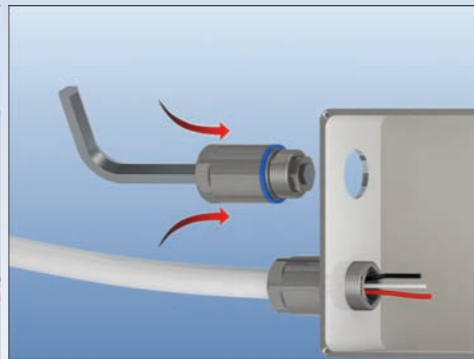
Hygienic Glands



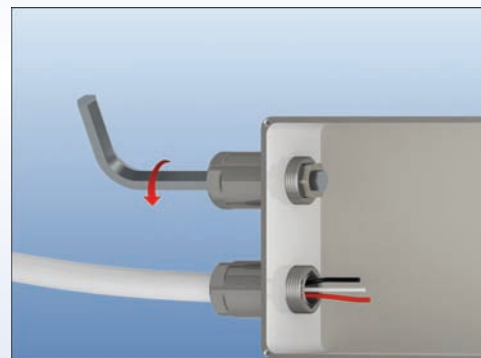
THREADED ENCLOSURES APPLICATION



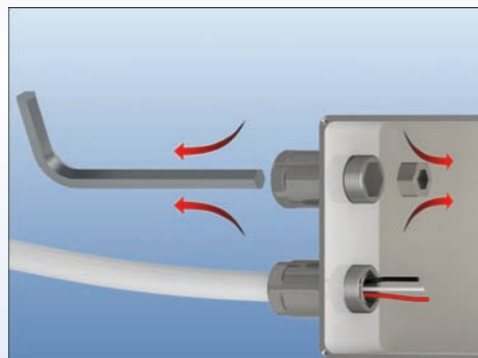
The allen wrench and the tool adaptor are inserted to the gland from both sides



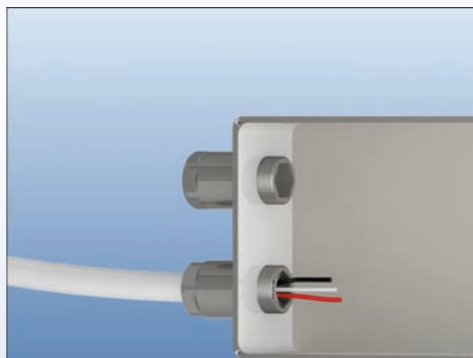
The gland is centered to the enclosure threaded hole



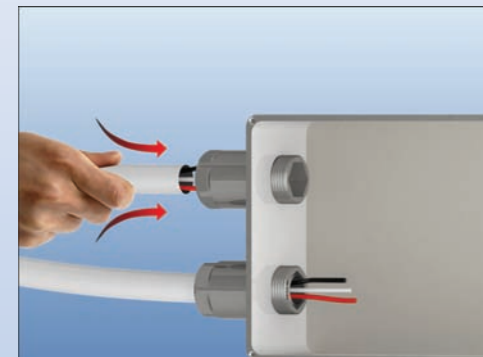
The allen wrench is turned in clockwise until the gland is tightened to the enclosure



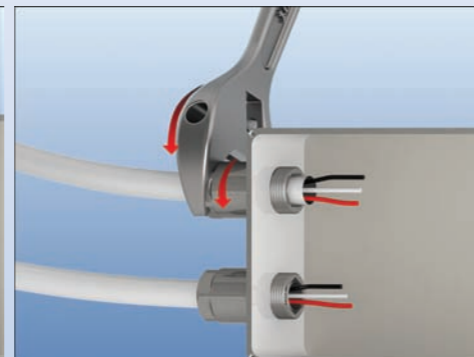
When the gland is well fixed, the allen wrench and the tool adaptor are removed



Now the gland is mounted and is ready for the cable assembling

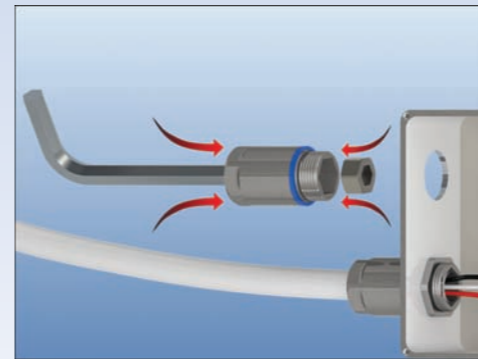


The cable is inserted into the gland from outside

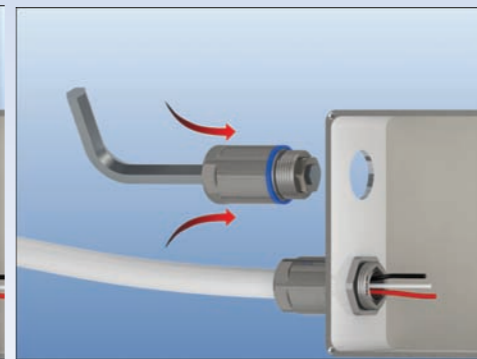


The gland body is turned in the clockwise direction with the recommended torque until the cable is clamped

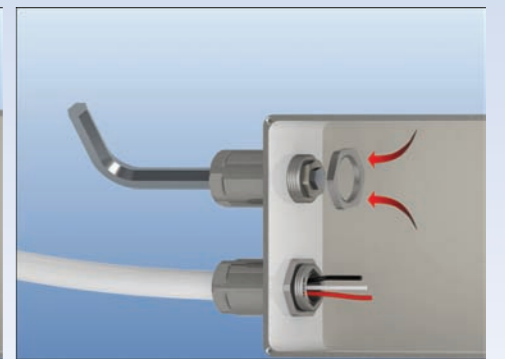
NON THREADED ENCLOSURES APPLICATION



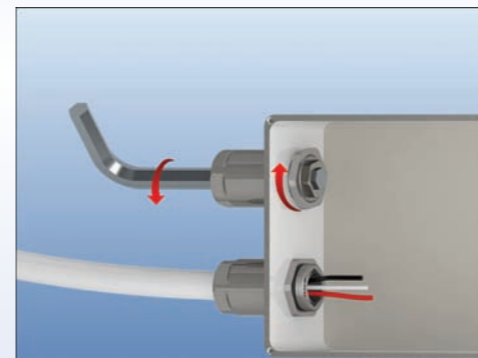
The allen wrench and the tool adaptor are inserted to the gland from both sides



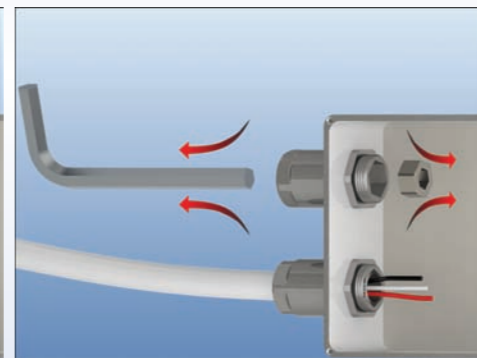
The gland is centered to the enclosure hole



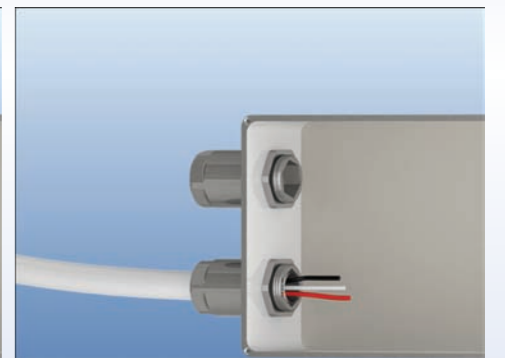
The lock nut is centered to the gland thread from inside of the enclosure



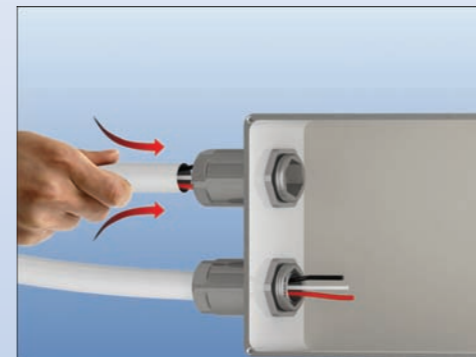
The allen wrench or the lock nut are turned in clockwise direction in order to tight the gland to the enclosure



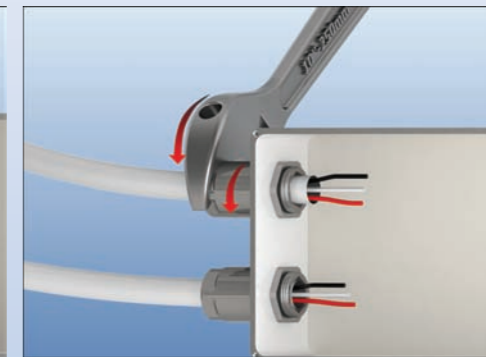
When the gland is well fixed, the allen wrench and the tool adaptor are removed



Now the gland is mounted and is ready for the cable assembling



The cable is inserted into the gland from outside



The gland body is turned in the clockwise direction with the recommended torque until the cable is clamped