Tavan Omran Sanat Samaneh Co.

Cable Gland for Non-Armored Cable 421 Series

CERTIFICATE	2195 25 ATEX 048 U
MARKING Ex	II 2G Ex db IIC Gb, II 2G Ex eb IIC Gb, II 2D Ex tb IIIC Db
DIRECTIVE	2014/34/EU
STANDARD	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015, EN IEC 60079-31:2024
INSTALLATION	zone 1 - 2 - 21 - 22
PROTECTION	IP66/IP67

CONSTRUCTION

Nickel-plated brass/Stainless steel.
Metric or NPT thread.

FEATURES

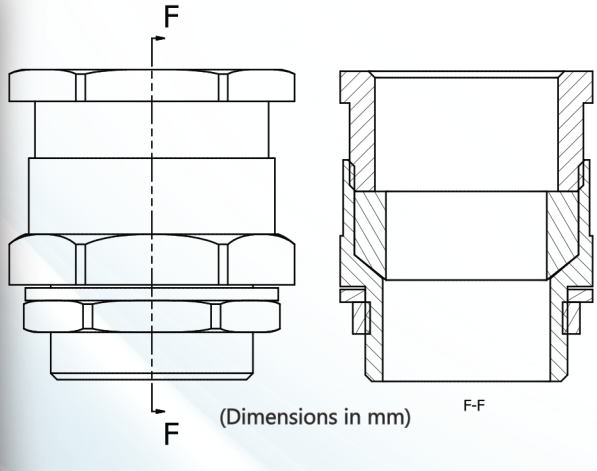
The 421 cable glands series made of brass/stainless steel have two type of protection "Ex d" and "Ex e" and also dust ignition protection by "Ex t"and can be used for hazardous areas and allow direct insertion of circular non-armored cables into enclosures, lighting fixtures, and other equipment.



ACCESSORIES UPON REQUEST

PVC Shroud, Earth tag.

Gland Size Ref Code.	Gland Size			Across Flat	Across Corner	Cable Acceptance	
	Standard		Optional				
	Metric	NPT	NTP			Min	Max
16	M16x1.5	1/2"	-	24	26.7	3	8.5
20S	M20x1.5	1/2"	-	24	26.7	7	11
20	M20x1.5	1/2"	3/4"	26	29	7	14
25	M25x1.5	3/4"	1"	36	40.6	11	20
32	M32x1.5	1"	1 1/4"	40	45.2	17.5	25.5
40	M40x1.5	1 1/4"	1 1/2"	50	56.7	24.5	33
50S	M50x1.5	1 1/2"	2"	55	62.5	29.5	38.5
50	M50x1.5	2"	2 1/2"	60	68.2	35	43
63S	M63x1.5	2"	2 1/2"	70	79.8	42	50
63	M63x1.5	2 1/2"	3"	70	79.8	47	55
75S	M75x1.5	2 1/2"	3"	85	97.2	53	62
75	M75x1.5	3"	3 1/2"	90	102.9	58	65.5
90	M90x1.5	3 1/2"	4"	110	126	67.5	79



(Dimensions in mm)

perex Ex

Tavan Omran Sanat Samaneh Co.

Cable Gland for Armored Cable
453 Series

CERTIFICATE	2195 25 ATEX 048 U
MARKING Ex	II 2G Ex db IIC Gb, II 2G Ex eb IIC Gb, II 2D Ex tb IIIC Db
DIRECTIVE	2014/34/EU
STANDARD	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015, EN IEC 60079-31:2024
INSTALLATION	zone 1 - 2 - 21 - 22
PROTECTION	IP66/IP67

CONSTRUCTION

Nickel-plated brass/Stainless steel.
Metric or NPT thread.



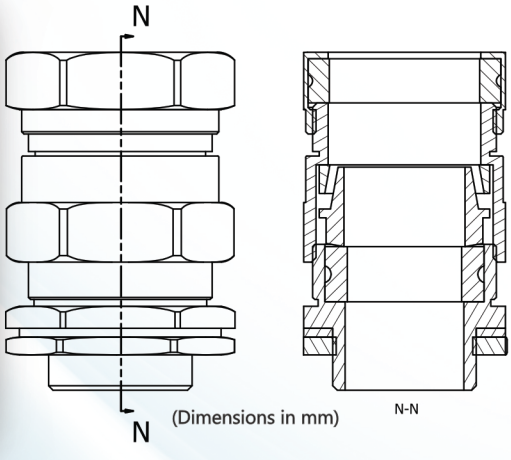
FEATURES

The 453 cable glands series made of brass/stainless steel have two type of protection "Ex d" and "Ex e" and also dust ignition protection by "Ex t"and can be used for hazardous areas and allow direct insertion of circular armored cables into enclosures, lighting fixtures, and other equipment.

ACCESSORIES UPON REQUEST

PVC Shroud, Earth tag.

Gland Size Ref Code.	Gland Size			Across Flat	SWA Armor Acceptance	Cable Acceptance	
	Standard		Optional				
	Metric	NPT	NTP			Inner Sheath	Outer Sheath
16	M16x1.5	1/2"	-	24	0.9 to 1.25	3 to 7.6	10.5 to 16
20S	M20x1.5	1/2"	-	24	0.9 to 1.25	7.5 to 11.3	10.5 to 16
20	M20x1.5	1/2"	3/4"	30	0.9 to 1.25	11 to 13.5	12.9 to 21
25	M25x1.5	3/4"	1"	36	1.25 to 1.6	13.3 to 19.2	17 to 26.5
32	M32x1.5	1"	1 1/4"	45	1.6 to 2	19 to 25.3	25 to 33.3
40	M40x1.5	1 1/4"	1 1/2"	56	1.6 to 2	25 to 31.5	33 to 42
50	M50x1.5	2"	-	66	2 to 2.5	31.5 to 43.5	39.5 to 52.3
63	M63x1.5	2 1/2"	-	80	2 to 2.5	42.5 to 54.5	52 to 64.8
75	M75x1.5	3"	-	95	2 to 2.5	54 to 65	64 to 76
90S	M90x1.5	3 1/2"	-	110	3.15	63 to 73	73 to 83
90	M90x1.5	3 1/2"	-	110	3.15	70 to 80	80 to 90



(Dimensions in mm)