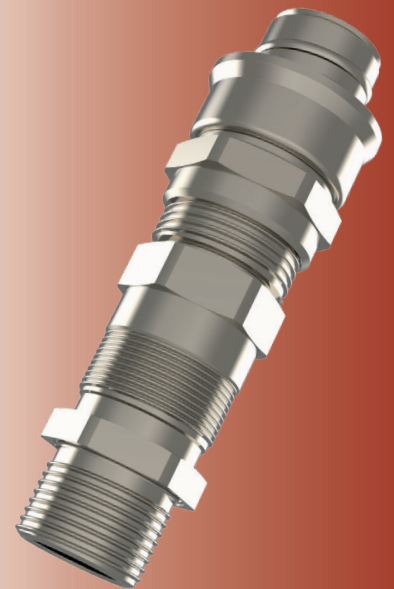


Cable Glands for All Types of Armoured Cables

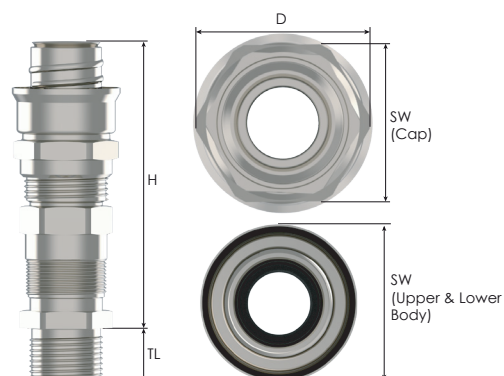
Technical Details		
Material	Body Cap	Brass, Brass Nickel Plated, Stainless Steel,
	Inner Parts	Brass, Brass Nickel Plated, Stainless Steel,
	Seal	Halogen Free Silicone
	O-ring	Halogen Free Silicone
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66	
Operation Temperature	Seal Material	
	Silicone	
Equipment For	Gas & Dust potentially explosive atmospheres	
Suitable for use in	Group I Group II Group III	
Equipment Marking	Ex db I Mb; Ex eb I Mb; Ex db IIC Gb; Ex eb IIC Gb; Ex tb IIIC Db	
Thread Type	- NPT (N) ANSI ASME B1.20.1 - Other thread types also available upon request.	
Cable Type	SWA - SWB - STA - PWA - AWA - Shielded	
Accessories	- Lock nuts - Deluge Seal - Gaskets (Washers)	
	- Lead Sheath Spring - Earth tags - Serrated Washers	
	Remarks	
Approvals	Certificate Number	Standards
	CESI 21 ATEX 031X	EN 60079-0, -1, -7, -31
	IECEx CES 22.0009X	IEC 60079-0, -1, -7, -31
	2024312313000604	IEC 60079-0,-1,-7,-31
	TC RU C-TR.AA87.B.01120/23	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013
	DNV 23.0154 X	ABNT NBR IEC 60079-0:2013 ABNT NBR IEC 60079-1:2009 ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	TAE000004TA	IEC 60079-0,-1,-7,-31
-For more information see our webpage -The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.		



Order Coding									
Part Number	Material	Seal	-	Lead Sheath Washer	-	Gasket (Washer)	Serrated Washer	Locknut	Earth Tag
Mandatory	Mandatory	Mandatory	-	Option	-	Option	Option	Option	Option
See table	B Brass BN Brass nickel plated X Stainless steel 316L	S Silicone	-	LSK Lead Sheath Washer	-	WS Silicone	WSR Serrated washer	L Locknut	E Earth tag
Example									
VOLCOSM	BN	S	-	LSK	-	WS	WSR	L	E

VOLANS

Cable Glands for All Types of Armoured Cables

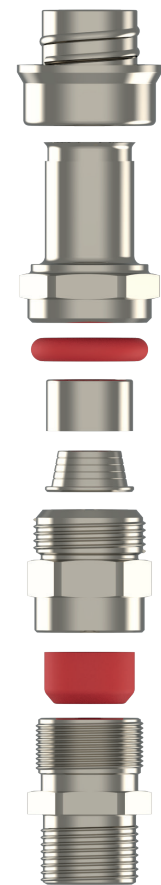
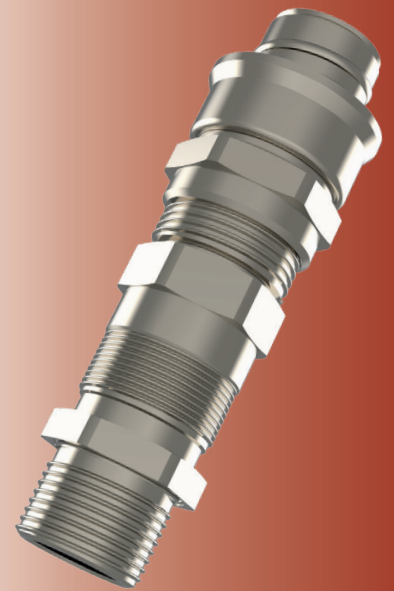


Hazardous Applications

Thread Type METRIC acc. to ISO 965 - 3														
Outer Thread Size (Male)	Clamping Range		Armour Wire Ø min-max mm	Shield Wire Ø min-max mm	Outer Thread Length TL mm	Spanner Width			Outer Ø D mm	Ferrule Type			max. Height H mm	Part Number
	Inner Sheath Ø min-max mm	Ø min-max mm				Cap SW Cap mm	Upper Body SW Upper Body mm	Lower Body SW Lower Body mm		Standard	L	XL		
M12x1,5	3.0 - 8.0	5.5 - 12.0	0.8 - 1.25	0.2 - 0.8	15.0	22.0	22.0	19.0	24.0	1/2"	3/4"	1"	102.0	VOLC05M
M16x1,5	3.0 - 8.0	5.5 - 12.0	0.8 - 1.25	0.2 - 0.8	15.0	22.0	22.0	19.0	24.0	1/2"	3/4"	1"	102.0	VOLC01SM
	6.0 - 12.0	9.0 - 16.0	0.8 - 1.25	0.2 - 0.8	15.0	24.0	24.0	24.0	26.5	3/4"	1"	1 1/4"	109.0	VOLC01M
M20x1,5	3.0 - 8.0	5.5 - 12.0	0.8 - 1.25	0.2 - 0.8	15.0	22.0	22.0	24.0	26.5	1/2"	3/4"	1"	102.0	VOLC1XSM
	6.0 - 12.0	9.0 - 16.0	0.8 - 1.25	0.2 - 0.8	15.0	24.0	24.0	24.0	26.5	3/4"	1"	1 1/4"	109.0	VOLC1SM
	6.0 - 14.0	12.0 - 20.0	0.8 - 1.25	0.2 - 0.8	15.0	30.0	30.0	30.0	33.0	1"	1 1/4"	1 1/2"	125.0	VOLC1M
M25x1,5	6.0 - 14.0	12.0 - 20.0	0.8 - 1.25	0.2 - 0.8	15.0	30.0	30.0	30.0	33.0	1"	1 1/4"	1 1/2"	125.0	VOLC2SM
	11.0 - 20.0	16.0 - 26.0	1.25 - 1.6	0.2 - 0.8	15.0	36.0	36.0	36.0	39.8	1 1/4"	1 1/2"		132.0	VOLC2M
M32x1,5	11.0 - 20.0	16.0 - 26.0	1.25 - 1.6	0.2 - 0.8	15.0	36.0	36.0	36.0	39.8	1 1/4"	1 1/2"		132.0	VOLC3SM
	16.0 - 26.5	20.0 - 33.0	1.6 - 2.0	0.2 - 0.8	15.0	46.0	46.0	46.0	51.0	1 1/2"	2"		146.0	VOLC3M
M40x1,5	16.0 - 26.5	20.0 - 33.0	1.6 - 2.0	0.2 - 0.8	15.0	46.0	46.0	46.0	51.0	1 1/2"	2"		146.0	VOLC4SM
	22.0 - 32.5	29.0 - 41.0	1.6 - 2.0	0.2 - 0.8	15.0	55.0	55.0	55.0	62.5	2"	2 1/2"		165.0	VOLC4M
M50x1,5	22.0 - 32.5	29.0 - 41.0	1.6 - 2.0	0.2 - 0.8	15.0	55.0	55.0	55.0	62.5	2"	2 1/2"		165.0	VOLC5SM
	29.0 - 44.0	36.0 - 52.0	1.8 - 2.5	0.2 - 1.0	15.0	65.0	65.0	65.0	74.5	2 1/2"	3"		185.0	VOLC5M
M63x1,5	29.0 - 44.0	36.0 - 52.0	1.8 - 2.5	0.2 - 1.0	15.0	65.0	65.0	68.0	75.0	2 1/2"	3"		185.0	VOLC6SM
	43.0 - 56.0	50.0 - 65.0	1.8 - 2.5	0.2 - 1.0	15.0	80.0	80.0	80.0	91.0	3"	4"		192.0	VOLC6M
M75x1,5	43.0 - 56.0	50.0 - 65.0	1.8 - 2.5	0.2 - 1.0	15.0	80.0	80.0	80.0	106.0	3"	4"		192.0	VOLC7SM
	54.0 - 68.0	61.0 - 78.0	1.8 - 2.5	0.2 - 1.0	15.0	95.0	95.0	95.0	106.0	4"			215.0	VOLC7M

Cable Glands for All Types of Armoured Cables

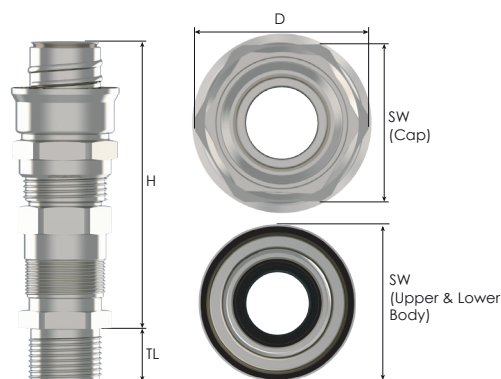
Technical Details		
Material	Body Cap	Brass, Brass Nickel Plated, Stainless Steel,
	Inner Parts	Brass, Brass Nickel Plated, Stainless Steel,
	Seal	Halogen Free Silicone
	O-ring	Halogen Free Silicone
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66	
Operation Temperature	Seal Material	
	Silicone	
Equipment For	Gas & Dust potentially explosive atmospheres	
Suitable for use in	Group I Group II Group III	
Equipment Marking	Ex db I Mb; Ex eb I Mb; Ex db IIC Gb; Ex eb IIC Gb; Ex tb IIC Db	
Thread Type	- NPT (N) ANSI ASME B1.20.1 - Other thread types also available upon request.	
Cable Type	SWA - SWB - STA - PWA - AWA - Shielded	
Accessories	- Lock nuts - Deluge Seal - Gaskets (Washers)	
	- Lead Sheath Spring - Earth tags - Serrated Washers	
	Accessories must be ordered separately.	
Remarks		
Approvals	Certificate Number	Standards
	CESI 21 ATEX 031X	EN 60079-0, -1, -7, -31
	IECEx CES 22.0009X	IEC 60079-0, -1, -7, -31
	2024312313000604	IEC 60079-0,-1,-7,-31
	TC RU C-TR.AA87.B.01120/23	GOCT 31610.0-2014 GOCT IEC 60079-1:2013 GOCT IEC 60079-31:2013
	DNV 23.0154 X	ABNT NBR IEC 60079-0:2013 ABNT NBR IEC 60079-1:2009 ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	TAE000004TA	IEC 60079-0,-1,-7,-31
-For more information see our webpage -The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.		



Order Coding									
Part Number	Material	Seal	-	Lead Sheath Washer	-	Gasket (Washer)	Serrated Washer	Locknut	Earth Tag
Mandatory	Mandatory	Mandatory	-	Option	-	Option	Option	Option	Option
See table	B Brass BN Brass nickel plated X Stainless steel 316L	S Silicone LSK Lead Sheath Washer	-	WS Silicone	-	WSR Serrated washer	L Locknut	E Earth tag	D Deluge Seal
Example									
VOLCOSM	BN	S	-	LSK	-	WS	WSR	L	E

VOLANS

Cable Glands for All Types of Armoured Cables



Thread Type NPT acc. to ANSI ASME B1.20.1

Outer Thread Size	Clamping Range		Armour Wire Ø min-max mm	Shield Wire Ø min-max mm	Outer Thread Length TL mm	Spanner Width			Outer Ø D mm	Ferrule Type			max. Height H mm	Part Number
	Inner Sheath Ø min-max mm	Ø min-max mm				Cap SW mm	Upper Body SW mm	Lower Body SW mm		Standard	L	XL		
1/4"	3.0 - 8.0	5.5 - 12.0	0.8 - 1.25	0.2 - 0.8	16.0	22.0	22.0	19.0	24.0	1/2"	3/4"	1"	102.0	VOLC0SN
3/8"	3.0 - 8.0	5.5 - 12.0	0.8 - 1.25	0.2 - 0.8	16.0	22.0	22.0	19.0	24.0	1/2"	3/4"	1"	102.0	VOLC01SN
	6.0 - 12.0	9.0 - 16.0	0.8 - 1.25	0.2 - 0.8	16.0	24.0	24.0	24.0	26.5	3/4"	1"	1 1/4"	109.0	VOLC01N
1/2"	3.0 - 8.0	5.5 - 12.0	0.8 - 1.25	0.2 - 0.8	21.0	22.0	22.0	24.0	26.5	1/2"	3/4"	1"	102.0	VOLC1XSN
	6.0 - 12.0	9.0 - 16.0	0.8 - 1.25	0.2 - 0.8	21.0	24.0	24.0	24.0	26.5	3/4"	1"	1 1/4"	109.0	VOLC1SN
	6.0 - 14.0	12.0 - 20.0	0.8 - 1.25	0.2 - 0.8	21.0	30.0	30.0	30.0	33.0	1"	1 1/4"	1 1/2"	125.0	VOLC1N
3/4"	6.0 - 14.0	12.0 - 20.0	0.8 - 1.25	0.2 - 0.8	21.0	30.0	30.0	30.0	33.0	1"	1 1/4"	1 1/2"	125.0	VOLC2SN
	11.0 - 20.0	16.0 - 26.0	1.25 - 1.6	0.2 - 0.8	21.0	36.0	36.0	36.0	39.8	1 1/4"	1 1/2"		132.0	VOLC2N
1"	11.0 - 20.0	16.0 - 26.0	1.25 - 1.6	0.2 - 0.8	26.0	36.0	36.0	36.0	39.8	1 1/4"	1 1/2"		132.0	VOLC3SN
	16.0 - 26.5	20.0 - 33.0	1.6 - 2.0	0.2 - 0.8	26.0	46.0	46.0	46.0	51.0	1 1/2"	2"		146.0	VOLC3N
1 1/4"	16.0 - 26.5	20.0 - 33.0	1.6 - 2.0	0.2 - 0.8	28.0	46.0	46.0	46.0	51.0	1 1/2"	2"		146.0	VOLC4SN
	22.0 - 32.5	29.0 - 41.0	1.6 - 2.0	0.2 - 0.8	28.0	55.0	55.0	55.0	62.5	2"	2 1/2"		165.0	VOLC4N
1 1/2"	22.0 - 32.5	29.0 - 41.0	1.6 - 2.0	0.2 - 0.8	28.0	55.0	55.0	55.0	62.5	2"	2 1/2"		165.0	VOLC5SN
	29.0 - 42.3	36.0 - 52.0	1.8 - 2.5	0.2 - 1.0	28.0	65.0	65.0	65.0	74.5	2 1/2"	3"		185.0	VOLC5N
2"	29.0 - 44.0	36.0 - 52.0	1.8 - 2.5	0.2 - 1.0	28.0	68.0	65.0	65.0	75.0	2 1/2"	3"		185.0	VOLC6SN
	43.0 - 54.3	50.0 - 65.0	1.8 - 2.5	0.2 - 1.0	28.0	80.0	80.0	80.0	91.0	3"	4"		192.0	VOLC6N
2 1/2"	43.0 - 56.0	50.0 - 65.0	1.8 - 2.5	0.2 - 1.0	41.0	80.0	80.0	80.0	106.0	3"	4"		192.0	VOLC7SN
	54.0 - 65.3	61.0 - 78.0	1.8 - 2.5	0.2 - 1.0	41.0	95.0	95.0	95.0	106.0	4"			215.0	VOLC7N