

Hazardous area

Cable glands

ABB products protect critical data and power cables in hazardous areas onshore and offshore.

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- 01 C1 Series
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- 02 ISR Series
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- 03 STEX Series

Whether it is data cables from a gas detector or the cable protection on a power transmission unit, ABB hazardous area cable glands are designed and manufactured to meet the demands of rigorous and arduous operating environments in addition to ATEX and IECEx standards.

ABB’s hazardous area cable glands are suitable for use with a range of cable types on applications such as:

- Skids
- Control boxes
- Motors
- Lighting

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Product examples

Cable type	Standard gland	Barrier gland
Non armored	EXCG (Non-metallic)	C4 Series
	C2 Series	
	ISR (Mechanical grip)	
	C3 Series	
Wire armored	C1 Series (Double compression)	C5 Series
MC armored	ST	STX
	STE (High range)	
EMC	C6 Series	
Flat	C2F Series (Heat trace)	
	C6F Series (Heat trace)	

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01



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HAZARDOUS AREA CABLE GLANDS

ABB hazardous area cable glands are designed and manufactured to meet the demands of rigorous and arduous operating environments.



Cable glands for hazardous areas

Selection guide

Selection guide



	Non-armored cable types							Armored cable types	
Type	EXCG	C2/C2F	C3	C6/C6F	C4	ISR	TCF	C1	C5
General									
Commercial Building	–	–	–	–	–	•	•	–	–
Residential Building	–	–	–	–	–	–	•	–	–
Industrial MRO	–	–	–	–	–	•	•	•	–
Low Ingress	–	–	–	–	–	–	–	–	–
OEM									
General Applications	•	–	–	–	–	–	•	–	–
Industrial Machinery	•	•	–	–	–	•	•	•	–
Commerical Machinery	–	–	–	–	–	•	–	–	–
Panel Building	•	•	–	–	–	–	•	–	–
Lighting	•	•	–	–	–	–	–	–	–
Rail									
Traction - Exterior	–	–	–	–	–	–	–	–	–
Traction - Interior	–	–	–	–	–	–	–	–	–
Infrastructure - Exterior	–	–	–	–	–	–	–	–	–
Infrastructure - Interior	–	–	–	–	–	–	–	–	–
Automation									
Robotics	–	•	–	•	–	–	–	–	–
Control systems	–	•	–	•	–	–	–	–	–
Enclosures and Motors	–	•	–	•	–	–	–	–	–
Marine									
General Applications	•	•	•	•	•	•	–	•	•
Outdoor Applications	•	•	•	•	•	•	–	•	•
Passenger/Crew Areas	•	•	•	•	•	•	–	•	•
Oil and Gas									
IEC standards	•	•	•	•	•	•	–	•	•
NEC Standards	–	•	–	•	–	•	•	•	–
Other									
Solar	–	–	–	–	–	–	–	–	–
Food and Beverage	–	•	–	–	–	–	–	•	–
Chemical Plants	–	•	•	•	–	•	–	•	–
Data Centres	–	–	–	•	–	•	•	–	–
Waste Water Management	–	•	•	•	•	•	–	•	•
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Metal clad cable types



Accessories

ST	STE	STED	STX	STEX	Ex d Stopping Plugs	Ex d e Stopping Plugs	Thread Adaptors	Ex d e Coupler	Ex Drain Valves
•	•	•	-	-	•	-	•	-	-
-	-	-	-	-	•	-	-	-	-
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79	81	82	83	85	86	88	91	93	94

Ex e Nylon cable glands for hazardous areas

EXCG Series



Features and benefits:

- Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with non-armored circular cable types
- Can be used for Ex ia intrinsically safe, with blue cap

EXCG Series - Nylon cable glands

Approvals & certifications		Conformity	Temperature range	
		EN/IEC: 60079-0, 60079-7, 60079-34, 62444 ATEX: IMQ13ATEX016X IECEx: IECEx IMQ 13.0005X Ⓜ II 2 GD, Ex e IIC Gb, Ex tb IIIC Db	Operating range: -40°C to +80°C	
		IP Rating	Material	
		IP66	Nylon	
		IP68		

Dimensions

Metric thread	Part no.	Metric thread	Cable range		Nominal dimensions (mm/in)			
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	W1	W2
	EXCGM20S	M20	6.0	12.0	10.0	40.0	24.0	24.0
			0.236	0.472	0.393	1.574	0.944	0.944
	EXCGM20SL	M20	6.0	12.0	15.0	45.0	24.0	24.0
			0.236	0.472	0.590	1.771	0.944	0.944
	EXCGM20M	M20	10.0	14.0	10.0	42.0	27.0	27.0
			0.393	0.551	0.393	1.653	1.062	1.062
	EXCGM20ML	M20	10.0	14.0	15.0	50.0	27.0	27.0
			0.393	0.551	0.590	1.968	1.062	1.062
	EXCGM25S	M25	13.0	18.0	10.0	47.0	33.0	33.0
			0.511	0.708	0.393	1.850	1.299	1.299
	EXCGM25SL	M25	13.0	18.0	15.0	50.0	33.0	33.0
			0.511	0.708	0.590	1.968	1.299	1.299
	EXCGM25M	M25	11.0	17.0	8.0	42.5	29.0	29.0
			0.433	0.669	0.314	1.673	1.141	1.141
	EXCGM32S	M32	15.0	21.0	10.0	50.0	36.0	36.0
			0.590	0.826	0.393	1.968	1.417	1.417
	EXCGM32M	M32	18.0	25.0	15.0	68.0	42.0	42.0
			0.708	0.984	0.590	2.677	1.653	1.653
	EXCGM40S	M40	19.0	28.0	10.0	55.0	46.0	46.0
			0.748	1.102	0.393	2.165	1.811	1.811
	EXCGM40M	M40	22.0	32.0	18.0	68.0	53.0	53.0
			0.866	1.259	0.708	2.677	2.086	2.086
	EXCGM50S	M50	30.0	38.0	18.0	73.0	60.0	60.0
			1.181	1.496	0.708	2.874	2.362	2.362
	EXCGM63S	M63	34.0	44.0	18.0	74.0	65.0	65.0
			1.338	1.732	0.708	2.913	2.559	2.559

C2 Series



- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with non-armored circular cable types
- Wide cable range
- Deluge proof

C2 Series - Ex d e single compression cable glands

Approvals & certifications		Conformity
		Conforms to:
		EN/IECEX: 60079-0, 60079-1, 60079-7, 60079-34, 62444
		UL514B, UL2225
		ATEX: IMQ14ATEX013X
		IECEX: IECEX IMQ 14.0005X
		InMetro: UL-BR 15.0685X
		EACEx: RU C-GB.AA87.B.00198
		CNEx: CNEx15.1696X
		DNV: TAE00000Y3
		UL: E477121
		Ⓔ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db
		Class 1 Zone 1 AEx e IIC

Temperature range	
Operating range: -40°C to +100°C (-40°F to +212°F)	
IP Rating	Material
IP66	Nickel plated brass
IP68 (5-Bar 30 mins)	Stainless steel 316

Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN03MMC2	M16x1.5	4.0	12.0	16.0	31.0	24.0	22.0	22.0
			0.157	0.472	0.63	1.22	0.945	0.866	0.866
	EXN04MSC2	M20x1.5	3.0	9.0	16.0	27.0	24.0	22.0	20.0
			0.118	0.354	0.63	1.063	0.945	0.866	0.787
	EXN04MMC2	M20x1.5	4.0	12.0	16.0	27.0	24.0	22.0	22.0
			0.157	0.472	0.63	1.063	0.945	0.866	0.866
	EXN04MLC2	M20x1.5	10.0	16.0	16.0	30.0	31.0	28.0	28.0
			0.394	0.63	0.63	1.181	1.22	1.102	1.102
	EXN05MMC2	M25x1.5	10.0	18.0	16.0	30.5	31.0	28.0	28.0
			0.394	0.709	0.63	1.201	1.22	1.102	1.102
	EXN05MLC2	M25x1.5	14.0	20.0	16.0	34.0	39.0	35.0	35.0
			0.551	0.787	0.63	1.339	1.535	1.378	1.378
Sealing Combination 	EXN06MMC2	M32x1.5	14.0	24.0	16.0	33.0	39.0	35.0	35.0
			0.551	0.945	0.63	1.299	1.535	1.378	1.378
	EXN06MLC2	M32x1.5	22.0	28.0	16.0	41.0	50.0	45.0	45.0
			0.866	1.102	0.63	1.614	1.969	1.772	1.772
	EXN07MMC2	M40x1.5	22.0	32.0	18.0	41.0	50.0	45.0	45.0
			0.866	1.26	0.709	1.614	1.969	1.772	1.772

Ex d e Non-armored cable glands for hazardous areas

C2 Series

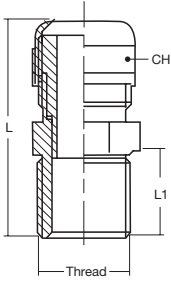
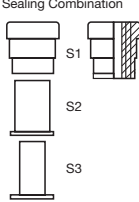
Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)				
			Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN07MLC2	M40x1.5	26.0	34.0	18.0	44.0	55.5	50.0	50.0
			1.024	1.339	0.709	1.732	2.185	1.969	1.969
	EXN08MSC2	M50x1.5	26.0	35.0	18.0	44.0	61.0	55.0	50.0
			1.024	1.378	0.709	1.732	2.402	2.165	1.969
	EXN08MMC2	M50x1.5	35.0	44.0	18.0	43.0	70.0	64.0	64.0
			1.378	1.732	0.709	1.693	2.756	2.52	2.52
	EXN09MSC2	M63x1.5	35.0	45.0	18.0	43.0	75.0	68.0	64.0
			1.378	1.772	0.709	1.693	2.953	2.677	2.52
	EXN09MMC2	M63x1.5	46.0	56.0	18.0	52.5	89.0	75.0	80.0
			1.811	2.205	0.709	2.067	3.504	2.953	3.15
	EXN10MSC2	M75x1.5	46.0	62.0	20.0	52.0	89.0	80.0	80.0
			1.811	2.441	0.787	2.047	3.504	3.15	3.15
	EXN10MMC2	M75x1.5	60.0	69.0	20.0	55.0	105.0	95.0	95.0
			2.362	2.717	0.787	2.165	4.134	3.74	3.74
	EXN11MSC2	M90x1.5	60.0	75.0	20.0	55.0	105.0	95.0	95.0
			2.362	2.953	0.787	2.165	4.134	3.74	3.74
	EXN11MMC2	M90x1.5	75.0	82.0	20.0	55.0	117.0	105.0	105.0
			2.953	3.228	0.787	2.165	4.606	4.134	4.134

Ex d e Non-armored cable glands for hazardous areas

C2 Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN03AMC2	3/8"	4.0	12.0	16.0	31.0	24.0	22.0	22.0
			0.157	0.472	0.63	1.22	0.945	0.866	0.866
	EXN04ASC2	1/2"	3.0	9.0	16.0	27.0	24.0	22.0	20.0
			0.118	0.354	0.63	1.063	0.945	0.866	0.787
	EXN04AMC2	1/2"	4.0	12.0	16.0	27.0	24.0	22.0	22.0
			0.157	0.472	0.63	1.063	0.945	0.866	0.866
	EXN04ALC2	1/2"	10.0	16.0	16.0	30.0	31.0	28.0	28.0
			0.394	0.63	0.63	1.181	1.22	1.102	1.102
	EXN05AMC2	3/4"	10.0	18.0	16.0	30.5	31.0	28.0	28.0
			0.394	0.709	0.63	1.201	1.22	1.102	1.102
	EXN05ALC2	3/4"	14.0	20.0	16.0	34.0	39.0	35.0	35.0
			0.551	0.787	0.63	1.339	1.535	1.378	1.378
	EXN06AMC2	1"	14.0	24.0	20.0	33.0	39.0	35.0	35.0
			0.551	0.945	0.787	1.299	1.535	1.378	1.378
	EXN06ALC2	1"	22.0	28.0	20.0	41.0	50.0	45.0	45.0
			0.866	1.102	0.787	1.614	1.969	1.772	1.772
	EXN07AMC2	1 1/4"	22.0	32.0	20.0	41.0	50.0	45.0	45.0
			0.866	1.26	0.787	1.614	1.969	1.772	1.772
	EXN07ALC2	1 1/4"	26.0	34.0	20.0	44.0	55.5	50.0	50.0
			1.0	1.3	0.8	1.7	2.2	2.0	2.0
	EXN08ASC2	1 1/2"	26.0	35.0	20.0	44.0	61.0	55.0	50.0
			1.0	1.4	0.8	1.7	2.4	2.2	2.0
	EXN08AMC2	1 1/2"	35.0	44.0	20.0	43.0	70.0	64.0	64.0
			1.4	1.7	0.8	1.7	2.8	2.5	2.5
	EXN09ASC2	2"	35.0	45.0	20.0	43.0	75.0	68.0	64.0
			1.4	1.8	0.8	1.7	3.0	2.7	2.5
	EXN09AMC2	2"	46.0	56.0	20.0	52.5	89.0	75.0	80.0
			1.8	2.2	0.8	2.1	3.5	3.0	3.2
	EXN10ASC2	2 1/2"	46.0	62.0	21.0	52.0	89.0	80.0	80.0
			1.8	2.4	0.8	2.0	3.5	3.2	3.2
	EXN10AMC2	2 1/2"	60.0	69.0	21.0	55.0	105.0	95.0	95.0
			2.4	2.7	0.8	2.2	4.1	3.7	3.7
	EXN11ASC2	3"	60.0	75.0	21.0	55.0	105.0	95.0	95.0
			2.4	3.0	0.8	2.2	4.1	3.7	3.7
	EXN11AMC2	3"	75.0	82.0	21.0	55.0	117.0	105.0	105.0
			3.0	3.2	0.8	2.2	4.6	4.1	4.1

Ex d e Flat cable glands for hazardous areas

C2F Series



Features and benefits:

- Flameproof Ex d and increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with non-armored flat cable types

C2F Series - Ex e flat cable glands

Approvals & certifications



Conformity Conforms to:

EN/IECEX: 60079-0, 60079-1,
60079-7, 60079-34, 62444

ATEX: IMQ14ATEX013X

IECEX: IECEX IMQ 14.0005X

InMetro: UL-BR 15.0685X

EACEX: RU C-GB.AA87.B.00198

CNEEx: CNEEx15.1696X

DNV: TAE00000Y3

Ⓢ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db

Temperature range

Certified -60°C to +140°C

IP Rating

IP66

IP68 (5-Bar 30 mins)

Material

Nickel plated brass and

Stainless steel

Dimensions

Metric thread	Part no.	Metric thread	Min. Length (mm)	Cable range Ø	
				Min. (mm)	Max. (mm)
	EXN04MMAC2F	M20x1.5	16.0	5.0 x 10.0	5.7 x 12.2
	EXN04MMBC2F	M20x1.5	16.0	5.75 x 8.5	6.0 x 10.0
	EXN04MMCC2F	M20x1.5	16.0	5.3 x 11.3	5.5 x 11.7
	EXN04MMDC2F	M20x1.5	16.0	5.3 x 11.3	6.5 x 14.5
	EXN04MMEC2F	M20x1.5	16.0	5.3 x 11.3	6.3 x 10.8
	EXN04MMFC2F	M20x1.5	16.0	5.3 x 11.3	6.7 x 12.7
	EXN05MMAC2F	M25x1.5	16.0	5.0 x 10.4	5.5 x 14.0
	EXN05MMBC2F	M25x1.5	16.0	5.7 x 8.5	6.0 x 10.0
	EXN05MMCC2F	M25x1.5	16.0	5.3 x 11.3	5.5 x 11.7
	EXN05MMDC2F	M25x1.5	16.0	5.5 x 12.0	6.5 x 14.5
	EXN05MMEC2F	M25x1.5	16.0	7.0 x 10.0	9.1 x 12.3
	EXN05MMFC2F	M25x1.5	16.0	5.6 x 10.0	9.0 x 14.0
	EXN05MMGC2F	M25x1.5	16.0	6.5 x 14.8	6.8 x 15.3
	EXN05MMHC2F	M25x1.5	16.0	5.2 x 10.0	7.0 x 12.0

Ex d e Flat cable glands for hazardous areas

C2F Series

Dimensions

NPT thread	Part no.	NPT thread	Min. Length (mm)	Cable range Ø	
				Min. (mm)	Max. (mm)
	EXN04AMAC2F	1/2"	16.0	5.0 x 10.0	5.7 x 12.2
	EXN04AMBC2F	1/2"	16.0	5.75 x 8.5	6.0 x 10.0
	EXN04AMCC2F	1/2"	16.0	5.3 x 11.3	5.5 x 11.7
	EXN04AMDC2F	1/2"	16.0	5.3 x 11.3	6.5 x 14.5
	EXN04AMEC2F	1/2"	16.0	5.3 x 11.3	6.3 x 10.8
	EXN04AMFC2F	1/2"	16.0	5.3 x 11.3	6.7 x 12.7
	EXN05AMAC2F	3/4"	16.0	5.0 x 10.4	5.5 x 14.0
	EXN05AMBC2F	3/4"	16.0	5.7 x 8.5	6.0 x 10.0
	EXN05AMCC2F	3/4"	16.0	5.3 x 11.3	5.5 x 11.7
	EXN05AMDC2F	3/4"	16.0	5.5 x 12.0	6.5 x 14.5
	EXN05AMEC2F	3/4"	16.0	7.0 x 10.0	9.1 x 12.3
	EXN05AMFC2F	3/4"	16.0	5.6 x 10.0	9.0 x 14.0
	EXN05AMGC2F	3/4"	16.0	6.5 x 14.8	6.8 x 15.3
	EXN05AMHC2F	3/4"	16.0	5.2 x 10.0	7.0 x 12.0

Ex d e Non-armored cable glands for hazardous areas

C3 Series



Features and benefits:

- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with non-armored circular cable types
- Deluge proof

Available in kit form with locknut, earth tag, sealing washer and dust shroud, add 'K' suffix.

C3 Series - Ex d e single compression cable glands

Approvals & certifications		Conformity		Temperature range	
		Conforms to:		Operating range: -40°C to +100°C (-40°F to +212°F)	
		EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444			
		ATEX: CESI13ATEX041X			
		IECEx: IECEx CES 13.0014X			
		InMetro: UL-BR 15.0684X			
		EACEx: RU C-GB.AA87.B.00198			
		CNEX: CNEx15.1692X			
		DNV: TAE00000Y3			
		Ⓜ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db			
		IP Rating		Material	
		IP66		Nickel plated brass	
		IP68 (5-Bar 30 mins)		Stainless steel 316	

Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN03MSC3	M16x1.5	3.0	8.5	16.0	25.0	29.0	22.0	26.0
			0.118	0.335	0.63	0.984	1.142	0.866	1.024
	EXN03MMC3	M16x1.5	6.0	12.0	16.0	28.5	31.5	25.0	29.0
			0.236	0.472	0.63	1.122	1.24	0.984	1.142
	EXN04MSC3	M20x1.5	6.0	12.0	16.0	27.5	31.5	25.0	29.0
			0.236	0.472	0.63	1.083	1.24	0.984	1.142
	EXN04MMC3	M20x1.5	12.0	14.5	16.0	29.0	33.5	28.0	30.0
			0.472	0.571	0.63	1.142	1.319	1.102	1.181
	EXN05MSC3	M25x1.5	6.0	12.0	18.0	28.5	31.5	29.0	29.0
			0.236	0.472	0.709	1.122	1.24	1.142	1.142
	EXN05MMC3	M25x1.5	12.0	16.0	18.0	28.5	37.0	32.0	35.0
			0.472	0.63	0.709	1.122	1.457	1.26	1.378
	EXN05MLC3	M25x1.5	12.0	20.0	18.0	32.5	44.5	36.0	40.0
			0.472	0.787	0.709	1.28	1.752	1.417	1.575
	EXN06MSC3	M32x1.5	12.0	20.0	18.0	33.5	44.5	40.0	40.0
			0.472	0.787	0.709	1.319	1.752	1.575	1.575
	EXN06MMC3	M32x1.5	15.0	26.0	18.0	41.0	57.0	48.0	52.0
			0.591	1.024	0.709	1.614	2.244	1.89	2.047
	EXN07MSC3	M40x1.5	15.0	26.0	18.0	41.0	57.0	48.0	52.0
			0.591	1.024	0.709	1.614	2.244	1.89	2.047

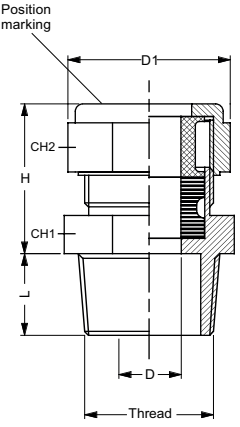
Ex d e Non-armored cable glands for hazardous areas

C3 Series

Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)				
			Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN07MMC3	M40x1.5	20.0	32.0	18.0	50.0	66.0	55.0	60.0
			0.787	1.26	0.709	1.969	2.598	2.165	2.362
	EXN08MSC3	M50x1.5	22.0	35.0	18.0	50.5	77.0	60.0	70.0
			0.866	1.378	0.709	1.988	3.031	2.362	2.756
	EXN08MMC3	M50x1.5	27.0	41.0	18.0	54.0	77.0	70.0	70.0
			1.063	1.614	0.709	2.126	3.031	2.756	2.756
	EXN09MSC3	M63x1.5	35.0	45.0	20.0	61.5	89.5	75.0	80.0
			1.378	1.772	0.787	2.421	3.524	2.953	3.15
	EXN09MMC3	M63x1.5	40.0	52.0	20.0	61.5	94.0	85.0	85.0
			1.575	2.047	0.787	2.421	3.701	3.346	3.346
	EXN10MSC3	M75x1.5	40.0	52.0	20.0	61.5	94.0	85.0	85.0
			1.575	2.047	0.787	2.421	3.701	3.346	3.346
	EXN10MMC3	M75x1.5	45.0	60.0	20.0	72.0	105.0	90.0	95.0
			1.772	2.362	0.787	2.835	4.134	3.543	3.74
	EXN11MSC3	M90x1.5	45.0	60.0	20.0	72.0	105.0	95.0	95.0
			1.772	2.362	0.787	2.835	4.134	3.74	3.74
	EXN11MMC3	M90x1.5	60.0	72.0	20.0	84.0	127.0	110.0	115.0
			2.362	2.835	0.787	3.307	5.000	4.331	4.528

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN03ASC3	3/8"	3.0	8.5	16.0	25.0	29.0	22.0	26.0
			0.118	0.335	0.63	0.984	1.142	0.866	1.024
	EXN03AMC3	3/8"	6.0	12.0	16.0	28.5	31.5	25.0	29.0
			0.236	0.472	0.63	1.122	1.24	0.984	1.142
	EXN04ASC3	1/2"	6.0	12.0	16.0	27.5	31.5	25.0	29.0
			0.236	0.472	0.63	1.083	1.24	0.984	1.142
	EXN04AMC3	1/2"	12.0	14.5	16.0	29.0	33.5	28.0	30.0
			0.472	0.571	0.63	1.142	1.319	1.102	1.181
	EXN05ASC3	3/4"	6.0	12.0	18.0	28.5	31.5	29.0	29.0
			0.236	0.472	0.709	1.122	1.24	1.142	1.142
	EXN05AMC3	3/4"	12.0	16.0	18.0	28.5	37.0	32.0	35.0
			0.472	0.63	0.709	1.122	1.457	1.26	1.378
	EXN05ALC3	3/4"	12.0	20.0	18.0	32.5	44.5	36.0	40.0
			0.472	0.787	0.709	1.28	1.752	1.417	1.575
	EXN06ASC3	1"	12.0	20.0	18.0	33.5	44.5	40.0	40.0
			0.472	0.787	0.709	1.319	1.752	1.575	1.575
	EXN06AMC3	1"	15.0	26.0	18.0	41.0	57.0	48.0	52.0
			0.591	1.024	0.709	1.614	2.244	1.89	2.047
	EXN07ASC3	1 1/4"	15.0	26.0	28.0	41.0	57.0	48.0	52.0
			0.591	1.024	1.102	1.614	2.244	1.89	2.047

Ex d e Non-armored cable glands for hazardous areas

C3 Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)				
			Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN07AMC3	1 1/4"	20.0	32.0	18.0	50.0	66.0	55.0	60.0
			0.787	1.26	0.709	1.969	2.598	2.165	2.362
	EXN08ASC3	1 1/2"	22.0	35.0	18.0	50.5	77.0	60.0	70.0
			0.866	1.378	0.709	1.988	3.031	2.362	2.756
	EXN08AMC3	1 1/2"	27.0	41.0	18.0	54.0	77.0	70.0	70.0
			1.063	1.614	0.709	2.126	3.031	2.756	2.756
	EXN09ASC3	2"	35.0	45.0	20.0	61.5	89.5	75.0	80.0
			1.378	1.772	0.787	2.421	3.524	2.953	3.15
	EXN09AMC3	2"	40.0	52.0	20.0	61.5	94.0	85.0	85.0
			1.575	2.047	0.787	2.421	3.701	3.346	3.346
	EXN10ASC3	2 1/2"	40.0	52.0	20.0	61.5	94.0	85.0	85.0
			1.575	2.047	0.787	2.421	3.701	3.346	3.346
	EXN10AMC3	2 1/2"	45.0	60.0	20.0	72.0	105.0	90.0	95.0
			1.772	2.362	0.787	2.835	4.134	3.543	3.74
	EXN11ASC3	M90x1.5	45.0	60.0	20.0	72.0	105.0	95.0	95.0
			1.772	2.362	0.787	2.835	4.134	3.74	3.74
	EXN11AMC3	M90x1.5	60.0	72.0	20.0	84.0	127.0	110.0	115.0
			2.362	2.835	0.787	3.307	5.000	4.331	4.528

Ex d e EMC cable glands for hazardous areas

C6 Series



Features and benefits:

- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with shielded circular cable types
- EMC contact to maintain shielding continuity
- Wide cable range
- Deluge proof

C6 Series - Ex d e single compression cable glands

Approvals & certifications		Conformity Conforms to:		Temperature range	
		EN/IECEX: 60079-0, 60079-1, 60079-7, 60079-34, 62444		Operating range: -60°C to +100°C (-76°C to +212°C)	
		ATEX: IMQ14ATEX013XIECEX CES		IP Rating	
		IECEX: IECEX IMQ 14.0005X		IP66	
		InMetro: UL-BR 15.0685X		Material	
		EACEX: RU C-GB.AA87.B.00198		Nickel plated brass	
		CNEEx: CNEEx15.1696X		Stainless steel 316	
		DNV: TAE00000Y3			
		Ⓢ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db			

Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN03MSC6	M16x1.5	4.0 0.157	8.0 0.315	16.0 0.63	28.5 1.122	22.0 0.866	20.0 0.787	20.0 0.787
	EXN03MMC6	M16x1.5	4.0 0.157	8.0 0.315	16.0 0.63	28.5 1.122	24.5 0.965	22.0 0.866	22.0 0.866
	EXN04MMC6	M20x1.5	4.0 0.157	12.0 0.472	18.0 0.709	27.0 1.063	24.5 0.965	22.0 0.866	22.0 0.866
	EXN05MMC6	M25x1.5	10.0 0.394	18.0 0.709	16.0 0.63	30.5 1.201	31.0 1.22	28.0 1.102	28.0 1.102
	EXN06MMC6	M32x1.5	14.0 0.551	24.0 0.945	19.0 0.748	33.0 1.299	39.0 1.535	35.0 1.378	35.0 1.378
	EXN07MMC6	M40x1.5	22.0 0.866	32.0 1.26	20.0 0.787	40.5 1.594	49.5 1.949	45.0 1.772	45.0 1.772
	EXN08MMC6	M50x1.5	26.0 1.024	35.0 1.378	20.0 0.787	43.5 1.713	61.0 2.402	55.0 2.165	50.0 1.969
	EXN09MMC6	M63x1.5	35.0 1.378	45.0 1.772	20.0 0.787	43.5 1.713	70.0 2.756	68.0 2.677	64.0 2.52

Ex d e EMC cable glands for hazardous areas

C6 Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	EXN03ASC6	3/8"	4.0	8.0	16.0	28.5	22.0	20.0	20.0
			0.157	0.315	0.63	1.122	0.866	0.787	0.787
	EXN03AMC6	3/8"	4.0	8.0	18.0	28.5	24.5	22.0	22.0
			0.157	0.315	0.709	1.122	0.965	0.866	0.866
	EXN04AMC6	1/2"	4.0	12.0	18.0	27.0	24.5	22.0	22.0
			0.157	0.472	0.709	1.063	0.965	0.866	0.866
	EXN05AMC6	3/4"	10.0	18.0	20.0	30.5	31.0	28.0	28.0
			0.394	0.709	0.787	1.201	1.22	1.102	1.102
	EXN06AMC6	3/4"	14.0	24.0	20.0	33.0	39.0	35.0	35.0
			0.551	0.945	0.787	1.299	1.535	1.378	1.378
	EXN07AMC6	1"	22.0	32.0	20.0	40.5	49.5	45.0	45.0
			0.866	1.26	0.787	1.594	1.949	1.772	1.772
	EXN08AMC6	1 1/4"	26.0	35.0	20.0	43.5	61.0	55.0	50.0
			1.024	1.378	0.787	1.713	2.402	2.165	1.969
	EXN09AMC6	1 1/2"	35.0	45.0	20.0	43.5	70.0	68.0	64.0
			1.378	1.772	0.787	1.713	2.756	2.677	2.52

Ex d e Flat EMC cable glands for hazardous areas

C6F Series



C6F Series - Ex e flat cable glands

Features and benefits:

- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with flat and heat trace cable types
- EMC contact to maintain shielding continuity

Approvals & certifications



Conformity Conforms to:

EN/IECEX: 60079-0, 60079-1,
60079-7, 60079-34, 62444

ATEX: IMQ14ATEX013X

IECEX: IECEX IMQ 14.0005X

InMetro: UL-BR 15.0685X

EACEx: RU C-GB.AA87.B.00198

CNEx: CNEx15.1696X

DNV: TAE00000Y3

Ⓔ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db

Temperature range

-60°C to +140°C (-76°F to +284°F)

IP Rating

IP66

IP68 (5-Bar 30 mins)

Material

Nickel plated brass and

stainless steel

Dimensions

Metric thread	Part no.	Metric thread	Min. Length (mm)	Cable range Ø	
				Min. (mm)	Max. (mm)
	EXN04MMAC6F	M20x1.5	16.0	5.0 x 10.0	5.7 x 12.2
	EXN04MMBC6F	M20x1.5	16.0	5.75 x 8.5	6.0 x 10.0
	EXN04MMCC6F	M20x1.5	16.0	5.3 x 11.3	5.5 x 11.7
	EXN04MMDC6F	M20x1.5	16.0	5.3 x 11.3	6.5 x 14.5
	EXN04MMEC6F	M20x1.5	16.0	5.3 x 11.3	6.3 x 10.8
	EXN04MMFC6F	M20x1.5	16.0	5.3 x 11.3	6.7 x 12.7
	EXN05MMAC6F	M25x1.5	16.0	5.0 x 10.4	5.5 x 14.0
	EXN05MMBC6F	M25x1.5	16.0	5.7 x 8.5	6.0 x 10.0
	EXN05MMCC6F	M25x1.5	16.0	5.3 x 11.3	5.5 x 11.7
	EXN05MMDC6F	M25x1.5	16.0	5.5 x 12.0	6.5 x 14.5
	EXN05MMEC6F	M25x1.5	16.0	7.0 x 10.0	9.1 x 12.3
	EXN05MMFC6F	M25x1.5	16.0	5.6 x 10.0	9.0 x 14.0
	EXN05MMGC6F	M25x1.5	16.0	6.5 x 14.8	6.8 x 15.3
	EXN05MMHC6F	M25x1.5	16.0	5.2 x 10.0	7.0 x 12.0
	Sealing Combination 				

Ex d e Flat EMC cable glands for hazardous areas

C6F Series

Dimensions

NPT thread	Part no.	NPT thread	Min. Length (mm)	Cable range Ø	
				Min. (mm)	Max. (mm)
	EXN04AMAC6F	1/2"	16.0	5.0 x 10.0	5.7 x 12.2
	EXN04AMBC6F	1/2"	16.0	5.75 x 8.5	6.0 x 10.0
	EXN04AMCC6F	1/2"	16.0	5.3 x 11.3	5.5 x 11.7
	EXN04AMDC6F	1/2"	16.0	5.3 x 11.3	6.5 x 14.5
	EXN04AMEC6F	1/2"	16.0	5.3 x 11.3	6.3 x 10.8
	EXN04AMFC6F	1/2"	16.0	5.3 x 11.3	6.7 x 12.7
	EXN05AMAC6F	3/4"	16.0	5.0 x 10.4	5.5 x 14.0
	EXN05AMBC6F	3/4"	16.0	5.7 x 8.5	6.0 x 10.0
	EXN05AMCC6F	3/4"	16.0	5.3 x 11.3	5.5 x 11.7
	EXN05AMDC6F	3/4"	16.0	5.5 x 12.0	6.5 x 14.5
	EXN05AMEC6F	3/4"	16.0	7.0 x 10.0	9.1 x 12.3
	EXN05AMFC6F	3/4"	16.0	5.6 x 10.0	9.0 x 14.0
	EXN05AMGC6F	3/4"	16.0	6.5 x 14.8	6.8 x 15.3
	EXN05AMHC6F	3/4"	16.0	5.2 x 10.0	7.0 x 12.0

C4 Series



- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with all non-armored cable types
- Epoxy compound barrier

Approvals & certifications		Conformity	Temperature range
		EN/IECEX: 60079-0, 60079-1, 60079-7, 60079-34, 62444	Operating range: -60°C to +100°C (-76°F to +212°F)
		ATEX: CESI14ATEX032X	
		IECEX: IECEX CES 14.0013X	
		InMetro: UL-BR 15.0686X	
		CNEEx: CNEEx15.1690X	
		DNV: TAE00000Y3	
		TAE00000Y3	
	Ⓜ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db,		

	Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)					
				Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN04MC4	M20x1.5		8.5	16.0	16.0	62.0	33.0	30.0	30.0	29.0
				0.335	0.630	0.630	2.440	1.299	1.181	1.181	1.142
	EXN05MC4	M25x1.5		16.0	21.0	16.0	62.8	37.0	34.0	34.0	34.0
				0.630	0.827	0.630	2.472	1.456	1.338	1.338	1.338
	EXN06MC4	M32x1.5		16.0	26.0	16.0	68.5	45.0	42.0	42.0	40.0
				0.630	1.024	0.630	2.460	1.771	1.653	1.653	1.574
	EXN07MC4	M40x1.5		29.0	41.0	16.0	75.1	66.0	50.0	60.0	60.0
				1.142	1.614	0.630	2.956	2.598	1.968	2.362	2.362
	EXN08MC4	M50x1.5		33.0	48.0	16.0	82.7	77.0	60.0	70.0	75.0
				1.299	1.890	0.630	3.255	3.031	2.362	2.755	2.952
	EXN09MC4	M63x1.5		36.0	52.0	16.0	96.0	77.0	70.0	70.0	74.0
				1.417	2.047	0.630	3.779	3.031	2.755	2.755	2.913

EXN for nickel plated

Ex d e Non-armored barrier cable glands for hazardous areas

C4 Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)					
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN04AC4	1/2"	8.5	16.0	21.0	62.0	33.0	30.0	30.0	30.0
			0.335	0.630	0.826	2.440	1.299	1.181	1.181	1.181
	EXN05AC4	3/4"	16.0	21.0	21.0	62.8	37.0	34.0	34.0	34.0
			0.630	0.827	0.826	2.472	1.456	1.338	1.338	1.338
	EXN06AC4	1"	16.0	26.0	26.0	68.5	45.0	42.0	42.0	40.0
			0.630	1.024	1.023	2.460	1.771	1.653	1.653	1.574
	EXN07AC4	1 1/4"	29.0	41.0	28.0	75.1	66.0	50.0	60.0	60.0
			1.142	1.614	1.102	2.956	2.598	1.968	2.362	2.362
	EXN08AC4	1 1/2"	33.0	48.0	28.0	82.7	77.0	60.0	70.0	75.0
			1.299	1.890	1.102	3.255	3.031	2.362	2.755	2.952
	EXN09AC4	2"	36.0	52.0	28.0	96.0	77.0	70.0	70.0	74.0
			1.417	2.047	1.102	3.779	3.031	2.755	2.755	2.913

EXN for nickel plated

Ex e Strain relief cable glands for ordinary and hazardous areas

ISR Series



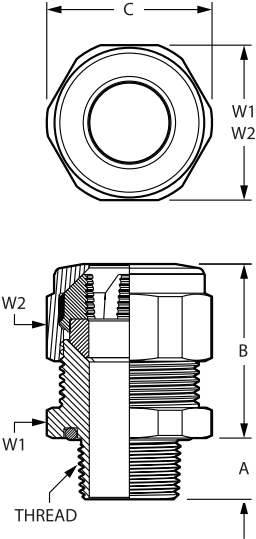
Features and benefits:

- Increased safety Ex e
- Suitable for use in Zone 1, 2, 20, 21 and 22
- For use with non-armored cable types
- Mechanical grip for maximum cable retention
- Wide clamping range

ISR Series - Industrial strain relief cable glands

Approvals & certifications		Conformity	Temperature range	
    Metric is not UL listed   		Conforms to: CSA C22.2/IEC/EN 60079-0, 60079-7, 60079-31, C22.2 No.18.3, C22.2 No.25, C22.2 No.94, UL2225, UL514B CSA Certificate: 70009467 File 23086 ABS Certificate: 16-HS1588269-PDA ATEX: SIRA 14ATEX3238X IECEX: CSA 14.0035X © II 1D 2G, Ex e IIC Gb, Ex ta IIIC Da Class I Div2 ABCD Class II Div1 EFG Class III Div1 UL Files: E311979, E328651, E13938, E307708 Class I, Zone 1, AEx e IIC, Zone 20, AEx ta	Approved: -50°C to +110°C (-40°F to +230°F)	
		IP Rating	Material	
		IP66	Copper free aluminium	
		Type 4X	(stainless steel 316L options)	
			Silicone seal bushing	
			Glass filled nylon and TPE grip	

Dimensions

Metric thread	Part no.	Metric thread	Cable range		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1 W2	
	ISRM20-13	M20x1.5	8.25	13.34	16.00	41.91	34.29	31.75	31.75
			0.325	0.525	0.630	1.650	1.350	1.250	1.250
	ISRM20-15	M20x1.5	10.79	15.00	16.00	42.75	38.10	34.93	34.93
			0.425	0.591	0.630	1.683	1.500	1.375	1.375
	ISRM25-15	M25x1.5	10.79	15.75	18.00	42.75	41.28	38.10	38.10
			0.157	0.620	0.709	1.683	1.625	1.500	1.500
	ISRM25-20	M25x1.5	14.86	20.07	18.00	45.47	43.18	40.49	40.49
			0.585	0.790	0.709	1.790	1.700	1.594	1.594
	ISRM32-26	M32x1.5	19.94	26.04	18.00	46.18	48.26	44.45	44.45
			0.785	1.025	0.709	1.818	1.900	1.750	1.750
	ISRM40-31	M40x1.5	25.02	30.86	18.00	50.62	58.93	55.63	55.63
			0.985	1.215	0.709	1.993	2.320	2.190	2.190
	ISRM40-35	M40x1.5	30.10	34.80	18.00	48.72	58.93	55.63	55.63
			1.185	1.370	0.709	1.918	2.320	2.190	2.190
	ISRM50-39	M50x1.5	33.91	39.37	18.00	49.40	65.53	60.33	60.33
			1.335	1.550	0.709	1.945	2.580	2.375	2.375
	ISRM63-45	M63x1.5	38.73	45.34	20.00	51.23	81.28	76.20	72.85
			1.525	1.785	0.787	2.017	3.200	3.000	2.868
	ISRM63-52	M63x1.5	44.58	52.20	20.00	51.05	81.28	76.20	76.20
			1.755	2.055	0.787	2.010	3.200	3.000	3.000

Ex e strain relief cable glands for ordinary and hazardous areas

ISR Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	ISRM50-53	1/2"	8.26	13.34	15.75	41.91	34.29	31.75	31.75
			0.325	0.525	0.620	1.650	1.350	1.250	1.250
	ISR050-062	1/2"	10.80	15.75	15.75	42.75	38.10	34.93	34.93
			0.425	0.620	0.620	1.683	1.500	1.375	1.375
	ISR075-062	3/4"	10.80	15.75	16.00	42.75	41.28	38.10	38.10
			0.425	0.620	0.630	1.683	1.625	1.500	1.500
	ISR075-082	3/4"	14.86	20.70	16.00	45.47	43.18	40.49	40.49
			0.585	0.815	0.630	1.790	1.700	1.594	1.594
	ISR100-102	1"	19.94	26.04	19.94	46.18	48.26	44.70	44.70
			0.785	1.025	0.785	1.818	1.900	1.760	1.760
	ISR125-122	1 1/4"	25.02	30.86	20.57	50.62	58.93	55.63	55.63
			0.985	1.215	0.810	1.993	2.320	2.190	2.190
	ISR125-137	1 1/4"	30.10	34.80	20.57	48.72	58.93	55.63	55.63
			1.185	1.370	0.810	1.918	2.320	2.190	2.190
	ISR150-156	1 1/2"	33.91	39.37	20.96	49.40	65.53	60.33	60.33
			1.335	1.550	0.825	1.945	2.580	2.375	2.375
	ISR200-179	2"	38.74	45.34	21.84	51.23	76.50	72.85	72.85
			1.525	1.785	0.860	2.017	3.012	2.868	2.868
	ISR200-206	2"	44.58	52.20	21.84	51.05	81.28	76.20	76.20
			1.755	2.055	0.860	2.010	3.200	3.000	3.000

Tray – cord fitting

TCF Series



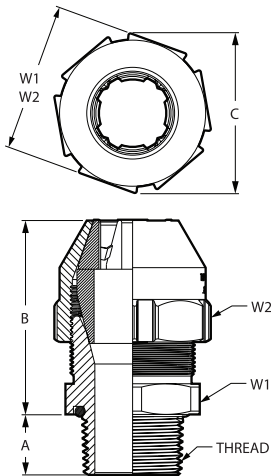
Features and benefits:

- High Mechanical pull out
- Wide clamping range
- Suitable for non-armored cable types

TCF Series - Brass cable glands

Approvals & certifications		Conformity		Temperature range	
		Conforms to:		Normal use: -40°C to +90°C (-76°F to +194°F)	
		CSA C22.2 60079-0, C22.2 60079-7, C22.2 No.18.3, C22.2 No.25, C22.2 No. 94, UL60079-0, UL60079-7, UL514B, UL50			
		c-CSA-us Certificate: 1388229 File 4484			
		Ex e II, IP66; Type 4/4X,6 Class I, Zone 1, AEx e II, IP66; Type 4/4X,6			
		IP Rating		Material	
		IP66		Copper free aluminium (stainless steel 316 options)	
		Type 4/4X			
		Type 6 (flexible cord only)		Neoprene/Santoprene sealing bush body and cap Nylon grip	

Dimensions

Metric thread	Part no.	NPT thread	Cable range		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	TCF050-27AL	1/2"	3.81	6.86	15.75	48.08	31.84	28.58	29.64
			0.150	0.270	0.620	1.893	1.253	1.125	1.167
	TCF050-40AL	1/2"	6.35	10.16	15.75	59.18	31.84	28.58	29.64
			0.250	0.400	0.620	2.330	1.253	1.125	1.167
	TCF050-54AL	1/2"	10.16	13.72	15.75	59.18	31.84	28.58	29.64
			0.400	0.540	0.620	2.330	1.253	1.125	1.167
	TCF050-67AL	1/2"	13.72	17.02	15.75	62.43	41.60	34.93	38.74
			0.540	0.670	0.620	2.458	1.638	1.375	1.525
	TCF050-78AL	1/2"	16.76	19.81	15.75	62.43	41.60	34.93	38.74
			0.660	0.780	0.620	2.458	1.638	1.375	1.525
	TCF075-40AL	3/4"	6.35	10.16	16.00	59.18	31.84	34.93	29.64
			0.250	0.400	0.630	2.330	1.253	1.375	1.167
	TCF075-54AL	3/4"	10.16	13.72	16.00	59.18	31.84	34.93	29.64
			0.400	0.540	0.630	2.330	1.253	1.375	1.167
	TCF075-67AL	3/4"	13.72	17.02	16.00	62.43	41.60	34.93	38.74
			0.540	0.670	0.630	2.458	1.638	1.375	1.525
	TCF075-78AL	3/4"	16.76	19.81	16.00	62.43	41.60	34.93	38.74
			0.660	0.780	0.630	2.458	1.638	1.375	1.525
	TCF075-88AL	3/4"	19.56	22.35	15.75	68.71	52.84	44.45	49.20
			0.770	0.880	0.620	2.705	2.080	1.750	1.937

Tray – cord fitting

TCF Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range		Nominal dimensions (mm/in)				
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2
	TCF100-78AL	1"	16.76	19.81	19.94	69.98	52.84	44.45	49.20
			0.660	0.780	0.785	2.755	2.080	1.750	1.937
	TCF100-88AL	1"	19.56	22.35	19.94	69.98	52.84	44.45	49.20
			0.770	0.880	0.785	2.755	2.080	1.750	1.937
	TCF100-100AL	1"	22.10	25.40	19.94	69.98	52.84	44.45	49.20
			0.870	1.000	0.785	2.755	2.080	1.750	1.937
	TCF100-109AL	1"	23.88	27.69	19.94	69.72	52.84	44.45	49.20
			0.940	1.090	0.785	2.745	2.080	1.750	1.937
	TCF125-109AL	1 1/4"	22.61	27.69	20.57	98.15	68.12	61.72	63.42
			0.890	1.090	0.810	3.864	2.682	2.430	2.497
	TCF125-128AL	1 1/4"	27.43	32.51	20.57	98.15	68.12	61.72	63.42
			1.080	1.280	0.810	3.864	2.682	2.430	2.497
	TCF125-147AL	1 1/4"	32.26	37.34	20.57	98.15	68.12	61.72	63.42
			1.270	1.470	0.810	3.864	2.682	2.430	2.497
	TCF150-115AL	1 1/2"	22.61	29.21	20.96	96.42	78.62	66.47	73.20
			0.890	1.150	0.825	3.796	3.095	2.617	2.882
	TCF150-140AL	1 1/2"	28.96	35.56	20.96	96.42	78.62	66.47	73.20
			1.140	1.400	0.825	3.796	3.095	2.617	2.882
	TCF150-165AL	1 1/2"	35.31	41.91	20.96	96.42	78.62	66.47	73.20
			1.390	1.650	0.825	3.796	3.095	2.617	2.882
	TCF200-153AL	2"	30.23	38.86	21.84	106.88	92.59	82.42	86.21
			1.190	1.530	0.860	4.208	3.645	3.245	3.394
	TCF200-186AL	2"	38.61	47.24	21.84	106.88	92.59	82.42	86.21
			1.520	1.860	0.860	4.208	3.645	3.245	3.394
	TCF200-219AL	2"	46.99	55.63	21.84	106.88	92.59	82.42	86.21
			1.850	2.190	0.860	4.208	3.645	3.245	3.394
	TCF250-252AL	2 1/2"	53.85	64.01	32.51	141.73	113.67	99.77	105.31
			2.120	2.520	1.280	5.580	4.475	3.928	4.146
	TCF300-278AL	3"	60.45	70.61	33.76	142.27	122.81	111.20	114.10
			2.380	2.780	1.329	5.601	4.835	4.378	4.492
	TCF300-304AL	3"	67.06	77.22	34.04	146.30	130.58	119.46	121.69
			2.640	3.040	1.340	5.760	5.141	4.703	4.791
	TCF300-330AL	3"	73.66	83.82	34.04	147.83	137.67	118.11	128.17
			2.900	3.300	1.340	5.820	5.420	4.650	5.046

C1 Series



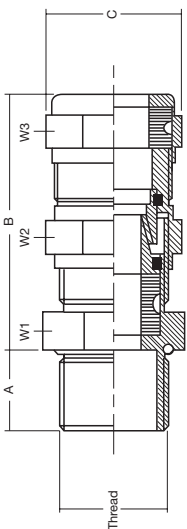
- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with Wire, braid or tape armored cable types

C1 Series - Ex d e single compression cable glands

Class 1 Zone 1 AEx e IIC

Stainless steel 316

Metric thread	Part no.	Metric thread	Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN03MSC1	M16x1.5	3.0 - 8.5	6.0 - 12.0	16.0	47.5	29.0	22.0	26.0	26.0
			0.118 - 0.335	0.236 - 0.472	0.63	1.87	1.142	0.866	1.024	1.024
	EXN03MMC1	M16x1.5	6.0 - 12.0	8.5 - 16.0	16.0	50.0	31.5	25.0	29.0	29.0
			0.236 - 0.472	0.335 - 0.630	0.63	1.969	1.24	0.984	1.142	1.142
	EXN04MSC1	M20x1.5	3.0 - 8.5	6.0 - 12.0	16.0	47.5	29.0	24.0	26.0	26.0
			0.118 - 0.335	0.236 - 0.472	0.63	1.87	1.142	0.945	1.024	1.024
	EXN04MMC1	M20x1.5	6.0 - 12.0	8.5 - 16.0	16.0	47.0	31.5	25.0	29.0	29.0
			0.236 - 0.472	0.335 - 0.630	0.63	1.929	1.24	0.984	1.142	1.142
	EXN04MLC1	M20x1.5	12.0 - 14.5	16.0 - 20.0	16.0	52.0	35.0	28.0	30.0	32.0
			0.472 - 0.571	0.630 - 0.787	0.63	2.047	1.378	1.102	1.181	1.26
	EXN05MSC1	M25x1.5	6.0 - 12.0	8.5 - 16.0	18.0	50.5	31.5	29.0	29.0	29.0
			0.236 - 0.472	0.335 - 0.630	0.709	1.988	1.24	1.142	1.142	1.142
EXN05MMC1	M25x1.5	12.0 - 16.0	16.0 - 21.0	18.0	54.5	37.0	32.0	34.0	34.0	
		0.472 - 0.630	0.630 - 0.827	0.709	2.146	1.457	1.26	1.339	1.339	
EXN05MLC1	M25x1.5	12.0 - 20.0	16.0 - 26.0	18.0	60.5	44.0	36.0	40.0	40.0	
		0.472 - 0.787	0.630 - 1.024	0.709	2.382	1.732	1.417	1.575	1.575	
EXN06MSC1	M32x1.5	12.0 - 20.0	16.0 - 26.0	18.0	62.0	44.0	40.0	40.0	40.0	
		0.472 - 0.787	0.630 - 1.024	0.709	2.441	1.732	1.575	1.575	1.575	



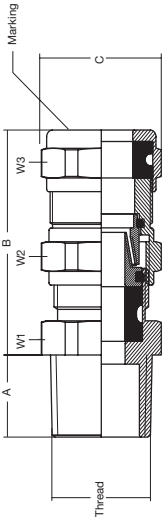
Ex d e Armored cable glands for hazardous areas

C1 Series

Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)					
			Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN06MMC1	M32x1.5	15.0 - 26.0	20.0 - 33.0	18.0	78.5	57.0	48.0	52.0	52.0
			0.591 - 1.024	0.787 - 1.299	0.709	3.091	2.244	1.89	2.047	2.047
	EXN07MSC1	M40x1.5	15.0 - 26.0	20.0 - 33.0	18.0	78.5	57.0	48.0	52.0	52.0
			0.591 - 1.024	0.787 - 1.299	0.709	3.091	2.244	1.89	2.047	2.047
	EXN07MMC1	M40x1.5	20.0 - 32.0	29.0 - 41.0	18.0	89.5	66.0	55.0	60.0	60.0
			0.787 - 1.260	1.142 - 1.614	0.709	3.524	2.598	2.165	2.362	2.362
	EXN08MSC1	M50x1.5	22.0 - 35.0	33.0 - 48.0	18.0	96.5	82.0	60.0	70.0	75.0
			0.866 - 1.378	1.299 - 1.890	0.709	3.799	3.228	2.362	2.756	2.953
	EXN08MMC1	M50x1.5	27.0 - 41.0	36.0 - 52.0	18.0	100.0	83.0	70.0	70.0	74.0
			1.063 - 1.614	1.417 - 2.047	0.709	3.937	3.268	2.756	2.756	2.913
	EXN09MSC1	M63x1.5	35.0 - 45.0	43.0 - 57.0	20.0	106.0	89.5	75.0	80.0	80.0
			1.378 - 1.772	1.693 - 2.244	0.787	4.173	3.524	2.953	3.15	3.15
	EXN09MMC1	M63x1.5	40.0 - 52.0	47.0 - 60.0	20.0	108.0	94.0	85.0	85.0	85.0
			1.575 - 2.047	1.850 - 2.362	0.787	4.252	3.701	3.346	3.346	3.346
	EXN10MSC1	M75x1.5	40.0 - 52.0	47.0 - 60.0	20.0	107.0	94.0	85.0	85.0	85.0
			1.575 - 2.047	1.850 - 2.362	0.787	4.252	3.701	3.346	3.346	3.346
	EXN10MMC1	M75x1.5	45.0 - 60.0	54.0 - 70.0	20.0	125.0	110.5	90.0	95.0	100.0
			1.772 - 2.362	2.126 - 2.756	0.787	4.921	4.35	3.543	3.74	3.937
	EXN11MSC1	M90x1.5	45.0 - 60.0	54.0 - 70.0	20.0	124.0	110.5	95.0	95.0	100.0
			1.772 - 2.362	2.126 - 2.756	0.787	4.882	4.35	3.74	3.74	3.937
	EXN11MMC1	M90x1.5	60.0 - 72.0	63.0 - 80.0	20.0	154.0	127.0	110.0	115.0	115.0
			2.362 - 2.835	2.480 - 3.150	0.787	6.063	5.000	4.331	4.528	4.528
	EXN12MSC1	M110x2.0	45.0 - 60.0	54.0 - 70.0	20.0	124.0	110.5	120.0	95.0	100.0
			1.772 - 2.362	2.126 - 2.756	0.787	4.882	4.35	4.724	3.74	3.937
	EXN12MMC1	M110x2.0	60.0 - 72.0	63.0 - 80.0	20.0	154.0	127.0	120.0	115.0	115.0
			2.362 - 2.835	2.480 - 3.150	0.787	6.063	5.000	4.724	4.528	4.528

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)					
			Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN03ASC1	3/8"	3.0 - 8.5	6.0 - 12.0	16.0	47.5	29.0	22.0	26.0	26.0
			0.118 - 0.335	0.236 - 0.472	0.63	1.87	1.142	0.866	1.024	1.024
	EXN03AMC1	3/8"	6.0 - 12.0	8.5 - 16.0	16.0	50.0	31.5	25.0	29.0	29.0
			0.236 - 0.472	0.335 - 0.630	0.63	1.969	1.24	0.984	1.142	1.142
	EXN04ASC1	1/2"	3.0 - 8.5	6.0 - 12.0	16.0	47.5	29.0	24.0	26.0	26.0
			0.118 - 0.335	0.236 - 0.472	0.63	1.87	1.142	0.945	1.024	1.024
	EXN04AMC1	1/2"	6.0 - 12.0	8.5 - 16.0	16.0	49.0	31.5	25.0	29.0	29.0
			0.236 - 0.472	0.335 - 0.630	0.63	1.929	1.24	0.984	1.142	1.142
	EXN04ALC1	1/2"	12.0 - 14.5	16.0 - 20.0	16.0	52.0	35.0	28.0	30.0	32.0
			0.472 - 0.571	0.630 - 0.787	0.63	2.047	1.378	1.102	1.181	1.26
	EXN05ASC1	3/4"	6.0 - 12.0	8.5 - 16.0	18.0	50.5	31.5	29.0	29.0	29.0
			0.236 - 0.472	0.335 - 0.630	0.709	1.988	1.24	1.142	1.142	1.142
	EXN05AMC1	3/4"	12.0 - 16.0	16.0 - 21.0	18.0	54.5	37.0	32.0	34.0	34
			0.472 - 0.630	0.630 - 0.827	0.709	2.146	1.457	1.26	1.339	1.339
	EXN05ALC1	3/4"	12.0 - 20.0	16.0 - 26.0	18.0	60.5	44.0	36.0	40.0	40.0
			0.472 - 0.787	0.630 - 1.024	0.709	2.382	1.732	1.417	1.575	1.575
	EXN06ASC1	1"	12.0 - 20.0	16.0 - 26.0	18.0	62.0	44.0	40.0	40.0	40.0
			0.472 - 0.787	0.630 - 1.024	0.709	2.441	1.732	1.575	1.575	1.575

Ex d e Armored cable glands for hazardous areas

C1 Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range Ø		Nominal dimensions (mm/in)					
			Inner Min. (mm/in)	Outer Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN06AMC1	1"	20.0 - 32.0	29.0 - 41.0	18.0	89.5	66.0	55.0	60.0	60.0
			0.787 - 1.260	1.142 - 1.614	0.709	3.524	2.598	2.165	2.362	2.362
	EXN07ASC1	1 1/4"	22.0 - 35.0	33.0 - 48.0	21.0	96.5	82.0	60.0	70.0	75.0
			0.866 - 1.378	1.299 - 1.890	0.827	3.799	3.228	2.362	2.756	2.953
	EXN07AMC1	1 1/4"	27.0 - 41.0	36.0 - 52.0	21.0	100.0	83.0	70.0	70.0	74.0
			1.063 - 1.614	1.417 - 2.047	0.827	3.937	3.268	2.756	2.756	2.913
	EXN08ASC1	1 1/2"	35.0 - 45.0	43.0 - 57.0	21.0	106.0	89.5	75.0	80.0	80.0
			1.378 - 1.772	1.693 - 2.244	0.827	4.173	3.524	2.953	3.15	3.15
	EXN08AMC1	1 1/2"	40.0 - 52.0	47.0 - 60.0	21.0	108.0	94.0	85.0	85.0	85.0
			1.575 - 2.047	1.850 - 2.362	0.827	4.252	3.701	3.346	3.346	3.346
	EXN09ASC1	2"	40.0 - 52.0	47.0 - 60.0	21.0	108.0	94.0	85.0	85.0	85.0
			1.575 - 2.047	1.850 - 2.362	0.827	4.252	3.701	3.346	3.346	3.346
	EXN09AMC1	2"	45.0 - 60.0	54.0 - 70.0	21.0	125.0	110.5	90.0	95.0	100.0
			1.772 - 2.362	2.126 - 2.756	0.827	4.921	4.35	3.543	3.74	3.937
	EXN10ASC1	2 1/2"	45.0 - 60.0	54.0 - 70.0	21.0	124.0	110.5	95.0	95.0	100.0
			1.772 - 2.362	2.126 - 2.756	0.827	4.882	4.35	3.74	3.74	3.937
	EXN10AMC1	2 1/2"	60.0 - 72.0	63.0 - 80.0	21.0	154.0	127.0	110.0	115.0	115.0
			2.362 - 2.835	2.480 - 3.150	0.827	6.063	5.000	4.331	4.528	4.528
	EXN11ASC1	3"	45.0 - 60.0	54.0 - 70.0	21.0	124.0	110.5	120.0	95.0	100.0
			1.772 - 2.362	2.126 - 2.756	0.827	4.882	4.350	4.724	3.74	3.937
	EXN11AMC1	3"	60.0 - 72.0	63.0 - 80.0	21.0	154.0	127.0	120.0	115.0	115.0
			2.362 - 2.835	2.480 - 3.150	0.8	6.1	5.0	4.7	4.5	4.528
	EXN12ASC1	3 1/2"	45.0 - 60.0	54.0 - 70.0	21.0	124.0	110.5	120.0	95	100.0
			1.772 - 2.362	2.126 - 2.756	0.787	4.882	4.35	4.724	3.74	3.937
	EXN12AMC1	3 1/2"	60.0 - 72.0	63.0 - 80.0	21.0	154.0	127.0	120.0	115.0	115.0
			2.362 - 2.835	2.480 - 3.150	0.787	6.063	5	4.724	4.528	4.528

Ex d e Armored barrier cable glands for hazardous areas

C5 Series



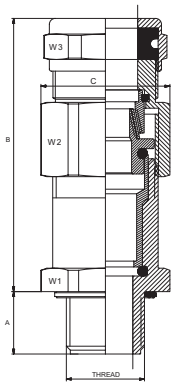
Features and benefits:

- Flameproof Ex d and Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- For use with Wire, braid or tape armored cable types
- Epoxy compound barrier

C5 Series - Ex d e armored cable glands

Approvals & certifications		Conformity	Temperature range	
 		EN/IECEx: 60079-0, 60079-1, 60079-7, 60079-34, 62444	Operating range: -60°C to +100°C (-76°F to +212°F)	
		ATEX: CESI14ATEX032X		
		IECEx: IECEx CES 14.0013X	IP Rating	
		InMetro: UL-BR 15.0686X	IP66	
		CNEEx: CNEEx15.1690X	Brass, Nickel plated brass and	
DNV: TAE00000Y3	Stainless steel 316			
		Ⓔ II 2 GD, Ex d e IIC Gb, Ex tb IIIC Db		

Dimensions

Metric thread	Part no.	Metric thread	Cable range Ø		Nominal dimensions (mm/in)					
			Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	W1	W2	W3
	EXN04MC5	M20x1.5	8.5	16.0	16.0	70.0	33.0	30.0	30.0	29.0
			0.335	0.630	0.630	2.756	1.299	1.181	1.181	1.142
	EXN05MC5	M25x1.5	16.0	21.0	16.0	72.1	37.0	34.0	34.0	34.0
			0.630	0.827	0.630	2.838	1.456	1.338	1.338	1.338
	EXN06MC5	M32x1.5	16.0	26.0	16.0	76.0	45.0	42.0	42.0	40.0
			0.630	1.024	0.630	2.992	1.771	1.653	1.653	1.574
	EXN07MC5	M40x1.5	29.0	41.0	16.0	83.4	66.0	50.0	60.0	60.0
			1.142	1.614	0.630	3.283	2.598	1.968	2.362	2.362
	EXN08MC5	M50x1.5	33.0	48.0	16.0	96.6	77.0	60.0	70.0	75.0
			1.299	1.890	0.630	3.803	3.031	2.362	2.755	2.952
	EXN09MC5	M63x1.5	36.0	52.0	16.0	109.5	77.0	70.0	70.0	74.0
			1.417	2.047	0.630	4.311	3.031	2.755	2.755	2.913
	EXN04AC5	1/2"	8.5	16.0	16.0	70.0	33.0	30.0	30.0	30.0
			0.335	0.630	0.630	2.756	1.299	1.181	1.181	1.181
	EXN05AC5	3/4"	16.0	21.0	16.0	72.1	37.0	34.0	34.0	34.0
			0.630	0.827	0.630	2.838	1.456	1.338	1.338	1.338
	EXN06AC5	1"	16.0	26.0	16.0	76.0	45.0	42.0	42.0	40.0
			0.630	1.024	0.630	2.992	1.771	1.653	1.653	1.574
	EXN07AC5	1 1/4"	29.0	41.0	16.0	83.4	66.0	50.0	60.0	60.0
			1.142	1.614	0.630	3.283	2.598	1.968	2.362	2.362
	EXN08AC5	1 1/2"	33.0	48.0	16.0	96.6	77.0	60.0	70.0	75.0
			1.299	1.890	0.630	3.803	3.031	2.362	2.755	2.952
	EXN09AC5	2"	36.0	52.0	16.0	109.5	77.0	70.0	70.0	74.0
			1.417	2.047	0.630	4.311	3.031	2.755	2.755	2.913

EXN for nickel plated

Jacketed metal-clad cable fittings for hazardous locations

ST Series



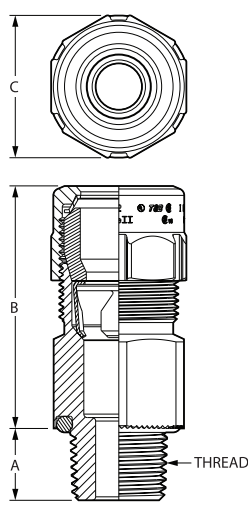
ST Series - Jacketed metal-clad cable glands

Features and benefits:

- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- “Pop-on” fitting (no disassembly) saves installer time.
- Provides grounding continuity of cable armor
- Splined gland and gripping features for ease of installation

Approvals & certifications		Conformity	Temperature range	
 		CSA C22.2 60079-0, C22.2 60079-7, C22.2 No.18.3, C22.2 No.25, C22.2 No.94, C22.2 No. 174, UL2279, UL514B, UL50 c-CSA-us Certificate: 1105555 File 23086 Class I Div1 ABCD Class II Div1 EFG Class III Div1 (Refer to CEC) Ex e II UL File: E38947 Class I, Zone 1, AEx e II Suitable for Class I Div2, Class II Div2 and Class III Div2	– 40 to +90°C (–40°F to +194°F)	
			IP Rating	Material
			Type 4X	Copper free aluminium
				Zinc plated steel
				Stainless steel

Dimensions

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)		
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min
	ST038-461S*	3/8"	8.74	13.59	6.20	11.05	11.68	51.31	25.27
			0.344	0.535	0.244	0.435	0.460	2.020	0.995
	ST050-462	1/2"	13.34	16.51	10.54	14.48	15.75	51.31	34.13
			0.525	0.650	0.415	0.570	0.620	2.020	1.344
	ST050-464	1/2"	15.24	19.30	12.45	17.27	15.75	51.31	34.13
			0.600	0.760	0.490	0.680	0.620	2.020	1.344
	ST050-465	1/2"	18.42	22.48	15.62	20.45	15.75	54.10	42.07
			0.725	0.885	0.615	0.805	0.620	2.130	1.656
	ST050-466	1/2"	20.96	25.02	18.16	22.99	15.75	54.10	42.07
			0.825	0.985	0.715	0.905	0.620	2.130	1.656
	ST075-467	3/4"	22.35	27.05	19.56	25.02	16.00	62.23	53.18
			0.880	1.065	0.770	0.985	0.630	2.450	2.094
	ST075-468	3/4"	26.04	30.61	23.24	28.58	16.00	62.23	53.18
			1.025	1.205	0.915	1.125	0.630	2.450	2.094
	ST100-469	1"	30.15	34.93	27.36	32.89	19.94	66.04	61.91
			1.187	1.375	1.077	1.295	0.785	2.600	2.438
	ST125-470	1 1/4"	34.29	41.28	31.50	39.24	20.57	83.31	76.20
			1.350	1.625	1.240	1.545	0.810	3.280	3.000

Jacketed metal-clad cable fittings for hazardous locations

ST Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)		
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min
	ST125-550	1 1/4"	38.10	41.28	35.31	39.24	20.57	83.31	76.20
			1.500	1.625	1.390	1.545	0.810	3.280	3.000
	ST125-471	1/2"	40.64	47.63	37.85	45.59	20.57	83.31	76.20
			1.600	1.875	1.490	1.795	0.810	3.280	3.000
	ST150-472	1/2"	43.18	49.91	40.39	47.88	20.96	91.95	87.31
			1.700	1.965	1.590	1.885	0.825	3.620	3.438
	ST150-473	1/2"	48.26	55.55	45.47	53.52	20.96	91.95	87.31
			1.900	2.187	1.790	2.107	0.825	3.620	3.438
	ST200-551	1/2"	48.26	55.55	45.47	53.52	21.84	92.46	96.84
			1.900	2.187	1.790	2.107	0.860	3.640	3.813
	ST200-474	3/4"	53.34	60.33	50.55	57.91	21.84	92.46	96.84
			2.100	2.375	1.990	2.280	0.860	3.640	3.813
	ST200-475	3/4"	58.42	65.15	55.63	63.12	21.84	92.46	106.36
			2.300	2.565	2.190	2.485	0.860	3.640	4.188
	ST200-476	3/4"	63.50	69.85	60.71	67.46	21.84	92.46	106.36
			2.500	2.750	2.390	2.656	0.860	3.640	4.188
	ST250-477	3/4"	60.45	67.06	56.90	65.02	32.51	119.38	121.44
			2.380	2.640	2.240	2.560	1.280	4.700	4.781
	ST250-478	3/4"	65.53	72.14	61.98	69.85	32.51	119.38	121.44
			2.580	2.840	2.440	2.750	1.280	4.700	4.781
	ST300-479	3/4"	70.87	77.72	67.06	75.44	34.04	119.38	129.38
			2.790	3.060	2.640	2.970	1.340	4.700	5.094
	ST300-480	3/4"	76.20	83.06	72.90	81.03	34.04	121.67	139.70
			3.000	3.270	2.870	3.190	1.340	4.790	5.500
	ST300-481	3/4"	81.53	88.39	77.27	86.11	34.04	121.67	139.70
			3.210	3.480	3.042	3.390	1.340	4.790	5.500
	ST350-482	3/4"	86.87	93.73	83.06	91.19	35.31	121.67	153.19
			3.420	3.690	3.270	3.590	1.390	4.790	6.031
	ST350-483	3/4"	91.69	98.30	87.38	95.76	35.31	121.67	153.19
			3.610	3.870	3.440	3.770	1.390	4.790	6.031
	ST400-484	1"	96.77	102.36	91.44	99.82	36.58	122.94	166.69
			3.810	4.030	3.600	3.930	1.440	4.840	6.563
	ST400-485	1 1/4"	100.71	106.30	95.38	103.25	36.58	122.94	166.69
			3.965	4.185	3.755	4.065	1.440	4.840	6.563
	ST400-486	1 1/4"	104.65	110.24	99.31	107.19	36.58	122.94	166.69
			4.120	4.340	3.910	4.220	1.440	4.840	6.563

Jacketed metal-clad cable fittings for ordinary locations

STE Series



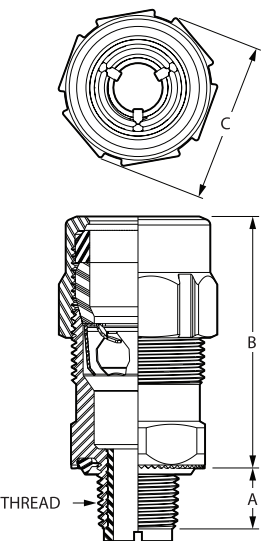
Features and benefits:

- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Extended clamping range taking
- Provides grounding continuity of cable armor

STE Series - Jacketed metal-clad cable glands

Approvals & certifications		Conformity Conforms to:	Temperature range
		CSA C22.2 60079-0, C22.2 60079-7, C22.2 No.18.3, C22.2 No.25, C22.2 No.94, C22.2 No. 174, UL2279, UL514B, UL50	– 40°C to +90°C (–40°F to +194°F)
		c-CSA-us Certificate: 1105555 File 23086	
		Class I Div1 ABCD Class II Div1 EFG Class III Div1 (Refer to CEC)	
		Ex e II	
		UL File: E38947	
		Class I, Zone 1, AEx e II	
		Suitable for Class I Div2, Class II Div2 and Class III Div2	
			IP Rating
			Type 4X
			Material
			Copper free aluminium
			Zinc plated steel
			Stainless steel

Dimensions

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)		
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min
	STE050 DATA	1/2"	12.70	17.78	10.41	15.49	15.75	53.34	34.54
			0.500	0.700	0.410	0.610	0.620	2.100	1.360
	STE050	1/2"	15.24	25.02	13.21	22.73	15.75	64.01	41.40
			0.600	0.985	0.520	0.895	0.620	2.520	1.630
	STE075	3/4"	21.84	30.61	19.81	28.58	16.00	72.14	52.83
			0.860	1.205	0.780	1.125	0.630	2.840	2.080
	STE100	1"	24.13	34.93	22.10	32.89	19.94	76.71	58.42
			0.950	1.375	0.870	1.295	0.785	3.020	2.300
	STE125	1 1/4"	29.21	41.28	25.15	37.21	20.57	101.85	71.63
			1.150	1.625	0.990	1.465	0.810	4.010	2.820
	STE150	1 1/2"	36.58	49.91	32.51	45.85	20.96	108.97	82.55
			1.440	1.965	1.280	1.805	0.825	4.290	3.250
	STE200	2"	46.36	60.33	42.29	56.26	21.84	104.65	91.44
			1.825	2.375	1.665	2.215	0.860	4.120	3.600
	STE250	2 1/2"	57.53	72.14	53.47	68.07	32.51	144.02	120.65
			2.265	2.840	2.105	2.680	1.280	5.670	4.750
	STE300	3"	67.82	83.06	64.64	79.88	33.66	146.81	137.16
			2.670	3.270	2.545	3.145	1.325	5.780	5.400
	STE350	3 1/2"	81.79	98.30	78.49	92.46	35.31	145.80	149.86
			3.220	3.870	3.090	3.640	1.390	5.740	5.900
	STE400	4"	93.09	110.24	90.17	107.32	35.31	147.07	162.56
			3.665	4.340	3.550	4.225	1.390	5.790	6.400

Star Teck Extreme® Director™ for ordinary applications

STED Series



Features and benefits:

- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Extended clamping range taking
- Provides grounding continuity of cable armor

STED Series - Jacketed metal-clad cable glands

Approvals & certifications



Conformity
Conforms to:
CSA C22.2 60079-0, C22.2 60079-7, C22.2 No.18.3, C22.2 No.25, C22.2 No.94, C22.2 No. 174, UL2279, UL514B, UL50
c-CSA-us Certificate: 1105555 File 23086
Class I Div1 ABCD Class II Div1 EFG Class III Div1 (Refer to CEC)
Ex e II
UL File: E38947
Class I, Zone 1, AEx e II
Suitable for Class I Div 2, Class II Div 2 and Class III Div 2

Temperature range

– 40°C to +90°C (–40°F to +194°F)

IP Rating

Type 4X

Material

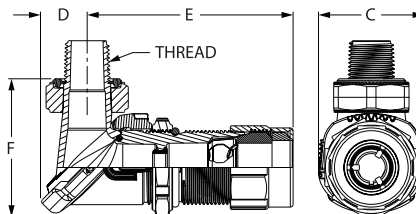
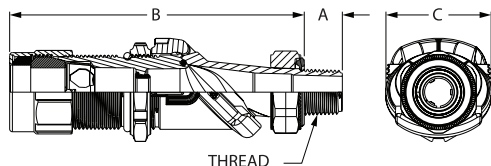
Copper free aluminium

Zinc plated steel

Stainless steel

Dimensions

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)					
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min	D Min	E Min	F Min
	STED050	1/2"	15.24	22.48	13.21	20.19	17.46	136.53	49.21	20.64	96.84	63.50
			0.600	0.885	0.520	0.795	0.688	5.375	1.938	0.813	3.813	2.500
	STED075	3/4"	21.84	30.61	19.81	28.58	17.46	168.40	63.50	26.99	101.60	76.20
			0.860	1.205	0.780	1.125	0.688	6.630	2.500	1.063	4.000	3.000



Star Teck XP® jacketed metal-clad cable fittings for hazardous locations

STX Series



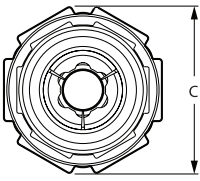
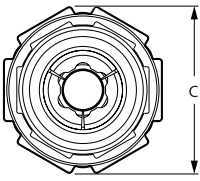
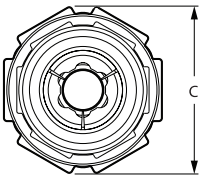
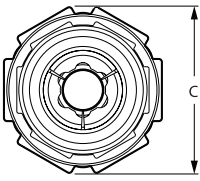
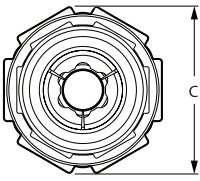
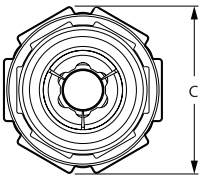
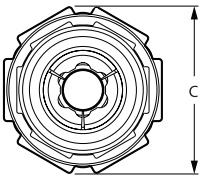
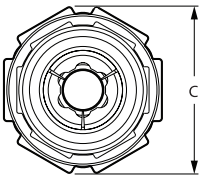
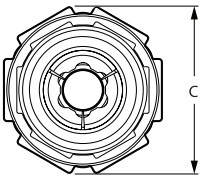
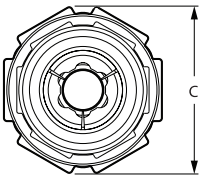
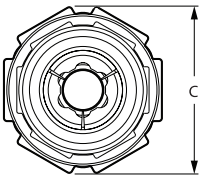
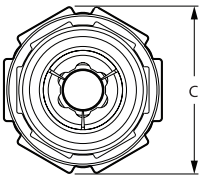
Features and benefits:

- Excellent solution for hazardous location
- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Provides grounding continuity of cable armor
- Splined gland and gripping features for ease of installation

STX Series - Jacketed metal-clad cable glands

Approvals & certifications		Conformity Conforms to:	Temperature range
 		CSA C22.2 No.18.3, C22.2 No.25, C22.2 No.30, C22.2 No. 174, UL2225, UL514B	– 40°C to +90°C (–40°F to +194°F)
		CSA Certificate: 1310604 File 23086	
		Class I Div1 ABCD Class II Div1 EFG Class III Div1	
		UL: E82038	
		Class I Div1 ABCD Class II Div1 EFG Class III Div1	
IP Rating		Material	
Type 4 / 4X		Copper free aluminium	
		Zinc plated steel	
		PVC coating available for both	

Dimensions

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)		
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min
	STX050-462	1/2"	13.34	16.51	10.54	14.48	20.07	63.50	41.40
			0.525	0.650	0.415	0.570	0.790	2.500	1.630
	STX050-464	1/2"	15.24	19.30	12.45	17.27	20.07	63.50	41.40
			0.600	0.760	0.490	0.680	0.790	2.500	1.630
	STX075-465	3/4"	18.42	22.48	15.62	20.45	20.07	66.55	46.23
			0.725	0.885	0.615	0.805	0.790	2.620	1.820
	STX075-466	3/4"	20.96	25.02	18.16	22.99	20.07	66.55	46.23
			0.825	0.985	0.715	0.905	0.790	2.620	1.820
	STX100-467	1"	22.35	27.05	19.56	25.02	25.02	71.88	61.98
			0.880	1.065	0.770	0.985	0.985	2.830	2.440
	STX100-468	1"	26.04	30.61	23.24	28.58	25.02	71.88	61.98
			1.025	1.205	0.915	1.125	0.985	2.830	2.440
	STX125-469	1 1/4"	30.15	34.93	27.36	32.89	25.65	77.47	64.01
			1.187	1.375	1.077	1.295	1.010	3.050	2.520
	STX150-470	1 1/2"	34.29	41.28	31.50	39.24	26.16	95.50	83.31
			1.350	1.625	1.240	1.545	1.030	3.760	3.280
	STX150-550	1 1/2"	38.10	41.28	35.31	39.24	26.16	95.50	83.31
			1.500	1.625	1.390	1.545	1.030	3.760	3.280
	STX150-471	1 1/2"	40.64	47.63	37.85	45.59	26.16	95.50	83.31
			1.600	1.875	1.490	1.795	1.030	3.760	3.280
	STX200-472	2"	43.18	49.91	40.39	47.88	26.92	102.87	92.46
			1.700	1.965	1.590	1.885	1.060	4.050	3.640
	STX200-473	2"	48.26	55.55	45.47	53.52	26.92	102.87	92.46
			1.900	2.187	1.790	2.107	1.060	4.050	3.640

Star Teck XP® for hazardous locations

STX Series

Dimensions

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)		
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min
	STX200-474	2"	53.34	60.33	50.55	57.91	26.92	105.41	102.87
			2.100	2.375	1.990	2.280	1.060	4.150	4.050
	STX250-475	2 1/2"	58.42	65.15	55.63	63.12	40.13	109.47	115.32
			2.300	2.565	2.190	2.485	1.580	4.310	4.540
	STX250-476	2 1/2"	63.50	69.85	60.71	67.46	40.13	109.47	115.32
			2.500	2.750	2.390	2.656	1.580	4.310	4.540
	STX300-478	3"	65.53	72.14	61.98	69.85	41.66	143.26	125.22
			2.580	2.840	2.440	2.750	1.640	5.640	4.930
	STX300-479	3"	70.87	77.72	67.06	75.44	41.66	147.32	133.35
			2.790	3.060	2.640	2.970	1.640	5.800	5.250
	STX350-480	3 1/2"	76.20	83.06	72.90	81.03	42.93	160.53	147.07
			3.000	3.270	2.870	3.190	1.690	6.320	5.790
	STX350-481	3 1/2"	81.53	88.39	77.27	86.11	42.93	160.53	147.07
			3.210	3.480	3.042	3.390	1.690	6.320	5.790
	STX400-482	4"	86.87	93.73	83.06	91.19	44.20	168.40	157.23
			3.420	3.690	3.270	3.590	1.740	6.630	6.190
	STX400-483	4"	91.69	98.30	87.38	95.76	44.20	168.40	157.23
			3.610	3.870	3.440	3.770	1.740	6.630	6.190
	STX400-484	4"	96.77	102.36	91.44	99.82	44.20	180.09	175.26
			3.810	4.030	3.600	3.930	1.740	7.090	6.900
	STX400-485	4"	100.71	106.30	95.38	103.25	44.20	180.09	175.26
			3.965	4.185	3.755	4.065	1.740	7.090	6.900

- Excellent solution for hazardous location
- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Provides grounding continuity of cable armor
- Splined gland and gripping features for ease of installation

Approvals & certifications	Conformity
	CSA C22.2 No.18.3, C22.2 No.25, C22.2 No.30, C22.2 No. 174, UL2225, UL514B
	CSA Certificate: 1310604 File 23086
	Class I Div1 ABCD Class II Div1 EFG Class III Div1
	UL File: E82038
	Class I Div1 ABCD Class II Div1 EFG Class III Div1

Temperature range	
- 40°C to +90°C (-40°F to +194°F)	
IP Rating	Material
Type 4 / 4X	Copper free aluminium
	Zinc plated steel
	PVC coating available for both

NPT thread	Part no.	NPT thread	Cable range over jacket		Cable range over armour		Nominal dimensions (mm/in)		
			Min. (mm/in)	Max. (mm/in)	Min. (mm/in)	Max. (mm/in)	A Min	B Min	C Min
	STEX075	3/4"	15.24	25.02	13.21	22.73	20.07	86.36	46.23
			0.600	0.985	0.520	0.895	0.790	3.400	1.820
	STEX100	1"	21.84	30.61	19.81	28.58	25.02	90.93	61.98
			0.860	1.205	0.780	1.125	0.985	3.580	2.440
	STEX125	1 1/4"	24.13	34.93	22.10	32.89	25.65	99.57	64.01
			0.950	1.375	0.870	1.295	1.010	3.920	2.520
	STEX150	1 1/2"	29.21	41.28	25.15	37.21	26.16	127.51	83.31
			1.150	1.625	0.990	1.465	1.030	5.020	3.280
	STEX200	2"	36.58	49.91	32.51	45.85	26.92	130.05	92.46
			1.440	1.965	1.280	1.805	1.060	5.120	3.640
	STEX250	2 1/2"	46.36	60.33	42.29	56.26	40.13	131.32	115.32
			1.825	2.375	1.665	2.215	1.580	5.170	4.540
	STEX300	3"	57.53	72.14	53.47	68.07	41.66	167.89	125.22
			2.265	2.840	2.105	2.680	1.640	6.610	4.930
	STEX350	3 1/2"	67.82	83.06	64.64	79.88	42.93	187.45	147.07
			2.670	3.270	2.545	3.145	1.690	7.380	5.790
	STEX400	4"	81.79	98.30	78.49	92.46	44.20	194.31	157.23
			3.220	3.870	3.090	3.640	1.740	7.650	6.190

Ex d Standard stopping plug

SP Series



SP Series - Stopping plugs - standard Ex d

Approvals & certifications		Conformity Conforms to:	Temperature range
  		ATEX: Baseefa08ATEX0324	-20°C to +200°C (-4°F to +392°F)
		IECEX: IECEX BAS08.0109X	
		ETL: 3176087	Material Brass, nickel plated brass or stainless steel
		UL 1203 (Nickel Plated Brass and Stainless Steel only)	
		EAC Ex: RU C-GB AA87.00198	
		INMETRO: UL-BR 15.03.05	
		CNEX 15.1691X	
		Ⓢ I M2 / II 2 G, Ex d I Mb, Ex d IIC Gb	
		Class I Div 1 ABCD	
		Class II Div 1 EFG	

Standard Ex d stopping plug – metric thread

Nickel plated Part no.	Metric Thread Size (mm)	Brass Part no.	Metric Thread Size (mm)	Stainless steel Part no.	Metric Thread Size (mm)
EXN/M16/SP	M16	EX/M16/SP	M16	EXS/M16/SP	M16
EXN/M20/SP	M20	EX/M20/SP	M20	EXS/M20/SP	M20
EXN/M25/SP	M25	EX/M25/SP	M25	EXS/M25/SP	M25
EXN/M32/SP	M32	EX/M32/SP	M32	EXS/M32/SP	M32
EXN/M40/SP	M40	EX/M40/SP	M40	EXS/M40/SP	M40
EXN/M50/SP	M50	EX/M50/SP	M50	EXS/M50/SP	M50
EXN/M63/SP	M63	EX/M63/SP	M63	EXS/M63/SP	M63

Standard Ex d stopping plug – NPT thread

Nickel plated Part no.	NPT Thread Size (in)	Brass Part no.	NPT Thread Size (in)	Stainless steel Part no.	NPT Thread Size (in)
EXN/038/SP	3/8	EX/038/SP	3/8	EXS/038/SP	3/8
EXN/050/SP	1/2	EX/050/SP	1/2	EXS/050/SP	1/2
EXN/075/SP	3/4	EX/075/SP	3/4	EXS/075/SP	3/4
EXN/100/SP	1	EX/100/SP	1	EXS/100/SP	1
EXN/125/SP	1 1/4	EX/125/SP	1 1/4	EXS/125/SP	1 1/4
EXN/150/SP	1 1/2	EX/150/SP	1 1/2	EXS/150/SP	1 1/2
EXN/200/SP	2	EX/200/SP	2	EXS/200/SP	2

* For unplated brass version, remove N from reference, e.g. EX/M16/SP ** For stainless steel 316 version, add S to the reference, e.g. EXS/M16/SP
N.B. PG thread convertors available upon request

Ex d Tamperproof stopping plug

TSP Series



SP Series - Stopping plugs - standard Ex d

Approvals & certifications		Conformity Conforms to:	Temperature range
  		ATEX: Baseefa08ATEX0324	-20°C to +200°C (-4°F to +392°F)
		IECEX: IECEX BAS08.0109X	
		ETL: 3176087	Material
		UL 1203 (Nickel Plated Brass and Stainless Steel only)	
		EAC Ex: RU C-GB AA87.00198	
		INMETRO: UL-BR 15.03.05	
		CNEX 15.1691X	
		Ⓜ I M2 / II 2 G, Ex d I Mb, Ex d IIC Gb	Brass, nickel plated brass or stainless steel
		Class I Div 1 ABCD	
		Class II Div 1 EFG	

Tamperproof Ex d stopping plug – metric thread

Nickel plated Part no.	TSP	Metric Thread Size (mm)	Brass Part no.	Metric Thread Size (mm)	Stainless steel Part no.	Metric Thread Size (mm)
EXN/M16/TSP		M16	EX/M16/TSP	M16	EXS/M16/TSP	M16
EXN/M20/TSP		M20	EX/M20/TSP	M20	EXS/M20/TSP	M20
EXN/M25/TSP		M25	EX/M25/TSP	M25	EXS/M25/TSP	M25
EXN/M32/TSP		M32	EX/M32/TSP	M32	EXS/M32/TSP	M32
EXN/M40/TSP		M40	EX/M40/TSP	M40	EXS/M40/TSP	M40
EXN/M50/TSP		M50	EX/M50/TSP	M50	EXS/M50/TSP	M50
EXN/M63/TSP		M63	EX/M63/TSP	M63	EXS/M63/TSP	M63

Tamperproof Ex d stopping plug – NPT thread

Nickel plated Part no.	NPT Thread Size (in)	Brass Part no.	NPT Thread Size (in)	Stainless steel Part no.	NPT Thread Size (in)
EXN/038/TSP	3/8	EX/038/TSP	3/8	EXS/038/TSP	3/8
EXN/050/TSP	1/2	EX/050/TSP	1/2	EXS/050/TSP	1/2
EXN/075/TSP	3/4	EX/075/TSP	3/4	EXS/075/TSP	3/4
EXN/100/TSP	1	EX/100/TSP	1	EXS/100/TSP	1
EXN/125/TSP	1 1/4	EX/125/TSP	1 1/4	EXS/125/TSP	1 1/4
EXN/150/TSP	1 1/2	EX/150/TSP	1 1/2	EXS/150/TSP	1 1/2
EXN/200/TSP	2	EX/200/TSP	2	EXS/200/TSP	2

* For unplated brass version, remove N from reference, e.g. EX/M16/TSP ** For stainless steel 316 version, add S to the reference, e.g. EXS/M16/TSP
N.B. PG thread converters available upon request

HSP Series



Approvals & certifications		Conformity Conforms to:		Temperature range	
	ATEX: Baseefa08ATEX0325X		-60°C to +130°C (-76°F to +266°F)		
	IECEx: IECEx BAS08.0108X				
	EAC Ex: RU C-GB AA87.00198				
	INMETRO: UL-BR 15.03.03X				
	CNEX: CNEX 15.1656X				
Ⓜ I M2 / II 2 GD, Ex d e I Mb, Ex d e II C Gb Ex tb IIIC Db		IP Rating IP65/66		Material Brass, nickel plated brass or stainless steel	

Nickel plated		Metric		Stainless Steel	
Part no.	Thread Size (mm)	Part no.	Thread Size (mm)	Part no.	Thread Size (mm)
EXN/M16/HSP	M16	EX/M16/HSP	M16	EXS/M16/HSP	M16
EXN/M20/HSP	M20	EX/M20/HSP	M20	EXS/M20/HSP	M20
EXN/M25/HSP	M25	EX/M25/HSP	M25	EXS/M25/HSP	M25
EXN/M32/HSP	M32	EX/M32/HSP	M32	EXS/M32/HSP	M32
EXN/M40/HSP	M40	EX/M40/HSP	M40	EXS/M40/HSP	M40
EXN/M50/HSP	M50	EX/M50/HSP	M50	EXS/M50/HSP	M50
EXN/M63/HSP	M63	EX/M63/HSP	M63	EXS/M63/HSP	M63

* For unplated brass version, remove N from reference, e.g. EX/M16/SP ** For stainless steel 316 version, add S to the reference, e.g. EXS/M16/HSP
N.B. PG thread convertors available upon request

DSP Series



Approvals & certifications 	Conformity		Temperature range	
	Conforms to:			
	ATEX: Baseefa08ATEX0325X		-60°C to +130°C (-76°F to +266°F)	
	IECEx: IECEx BAS08.0108X			
	EAC Ex: RU C-GB AA87.00198		IP Rating	Material
	INMETRO: UL-BR 15.03.03X		IP65/66	Brass, nickel plated brass or stainless steel
	CNEX: CNEX 15.1656X			
	Ⓢ I M2 / II 2 GD, Ex d e I Mb, Ex d e IIC Gb			
	Ex tb IIIC Db			

Nickel plated Part no.	Metric Thread Size (in)	Brass Part no.	Metric Thread Size (in)	Stainless Steel Part no.	Metric Thread Size (in)
EXN/M16/DSP	M16	EX/M16/DSP	M16	EXS/M16/DSP	M16
EXN/M20/DSP	M20	EX/M20/DSP	M20	EXS/M20/DSP	M20
EXN/M25/DSP	M25	EX/M25/DSP	M25	EXS/M25/DSP	M25
EXN/M32/DSP	M32	EX/M32/DSP	M32	EXS/M32/DSP	M32
EXN/M40/DSP	M40	EX/M40/DSP	M40	EXS/M40/DSP	M40
EXN/M50/DSP	M50	EX/M50/DSP	M50	EXS/M50/DSP	M50
EXN/M63/DSP	M63	EX/M63/DSP	M63	EXS/M63/DSP	M63

* For unplated brass version, remove N from reference, e.g. EX/M16/SP
N.B. PG thread convertors available upon request

Ex e Nylon stopping plug



Ex e Nylon stopping plugs

Approvals & certifications		Conformity	Temperature range	
  		Conforms to:	-60°C to +130°C (-76°F to +266°F)	
		IMQ 13 ATEX 016X, IECEx IMQ		
		Ex II 2 GD, Ex e IIC Gb, Ex tb IIIC Db		
			IP Rating	Material
			IP66-IP68 (5 Bar 30 Mins)	Nylon

Nylon stopping plug – metric thread

Nickel plated Part no.	Metric Thread Size (mm)
EX/M16/TSP	M16
EX/M20/TSP	M20
EX/M25/TSP	M25
EX/M32/TSP	M32
EX/M40/TSP	M40
EX/M50/TSP	M50
EX/M63/TSP	M63

TC Series



Approvals & certifications		Conformity Conforms to:	Temperature range
	ATEX: Baseefa07 ATEX 0247X		-60°C to + 100°C (-76°F to +212°F)
	IECEX: IECEX BAS07.0090X		
	EAC Ex: RU C-GB AA87.00198		Material
	INMETRO: UL-BR 15.03.49X		Brass, nickel plated brass or stainless steel
	CNEX: CNEX 15.1689X		
	Ⓔ I M2 / II 2 GD, Ex d e I Mb, Ex d e IIC Gb, Ex tb IIIC Db		
Class I Div1 ABCD, Class II Div1 EFG (does not include M16 & 3/8"NPT or unplated brass products)			
UL 1203			
CSA C22.2 No.60079-04			
C22.2 No.60079-1			

Metallic thread adaptor – metric thread

Male external thread	Metric Female Internal Thread								
	Nickel plated	M16	M20	M25	M32	M40	M50	M63	M75
M16		EXN/M16-M20/E	EXN/M16-M25/E						
M20	EXN/M20-M16/R		EXN/M20-M25/E	EXN/M20-M32/E					
M25	EXN/M25-M16/R	EXN/M25-M20/R		EXN/M25-M32/E	EXN/M25-M40/E				
M32	EXN/M32-M16/R	EXN/M32-M20/R	EXN/M32-M25/R		EXN/M32-M40/E	EXN/M32-M50/E			
M40	EXN/M40-M16/R	EXN/M40-M20/R	EXN/M40-M25/R	EXN/M40-M32/R		EXN/M40-M50/E	EXN/M40-M63/E		
M50	EXN/M50-M16/R	EXN/M50-M20/R	EXN/M50-M25/R	EXN/M50-M32/R	EXN/M50-M40/R		EXN/M50-M63/E	EXN/M50-M75/E	
M63	EXN/M63-M16/R	EXN/M63-M20/R	EXN/M63-M25/R	EXN/M63-M32/R	EXN/M63-M40/R	EXN/M63-M50/R		EXN/M63-M75/E	
M75	EXN/M75-M16/R	EXN/M75-M20/R	EXN/M75-M25/R	EXN/M75-M32/R	EXN/M75-M40/R	EXN/M75-M50/R	EXN/M75-M63/R		
NPT 3/8	EXN/038-M16/TC								
NPT 1/2	EXN/050-M16/TC	EXN/050-M20/TC	EXN/050-M25/TC						
NPT 3/4	EXN/075-M16/TC	EXN/075-M20/TC	EXN/075-M25/TC	EXN/075-M32/TC					
NPT 1	EXN/100-M16/TC	EXN/100-M20/TC	EXN/100-M25/TC	EXN/100-M32/TC	EXN/100-M40/TC				
NPT 1 1/4	EXN/125-M16/TC	EXN/125-M20/TC	EXN/125-M25/TC	EXN/125-M32/TC	EXN/125-M40/TC	EXN/125-M50/TC			
NPT 1 1/2	EXN/150-M16/TC	EXN/150-M20/TC	EXN/150-M25/TC	EXN/150-M32/TC	EXN/150-M40/TC	EXN/150-M50/TC	EXN/150-M63/TC		
NPT 2	EXN/200-M16/TC	EXN/200-M20/TC	EXN/200-M25/TC	EXN/200-M32/TC	EXN/200-M40/TC	EXN/200-M50/TC	EXN/200-M63/TC		
NPT 2 1/2	EXN/250-M16/TC	EXN/250-M20/TC	EXN/250-M25/TC	EXN/250-M32/TC	EXN/250-M40/TC	EXN/250-M50/TC			
NPT 3	EXN/300-M16/TC	EXN/300-M20/TC	EXN/300-M25/TC	EXN/300-M32/TC	EXN/300-M40/TC	EXN/300-M50/TC		EXN/300-M75/TC	

* For unplated brass version, remove N from reference, e.g. EX/M16/SP ** For stainless steel 316 version, add S to the reference, e.g. EXS/M16/SP
N.B. PG thread convertors available upon request

Ex d e Thread adaptors

TC Series

— Metallic thread adaptor – NPT thread

Male external thread	NPT Female Internal Thread								
	Nickel plated	NPT 1/2	NPT 3/4	NPT 1	NPT 1 ¹ / ₄	NPT 1 ¹ / ₂	NPT 2	NPT 2 ¹ / ₂	NPT 3
M16	EXN/M16-050/TC								
M20	EXN/M20-050/TC		EXN/M20-075/TC						
M25	EXN/M25-050/TC		EXN/M25-075/TC		EXN/M25-100/TC				
M32	EXN/M32-050/TC		EXN/M32-075/TC		EXN/M32-100/TC		EXN/M32-125/TC		
M40	EXN/M40-050/TC		EXN/M40-075/TC		EXN/M40-100/TC		EXN/M40-125/TC		EXN/M40-150/TC
M50	EXN/M50-050/TC		EXN/M50-075/TC		EXN/M50-100/TC		EXN/M50-125/TC		EXN/M50-150/TC EXN/M50-200/TC
M63	EXN/M63-050/TC		EXN/M63-075/TC		EXN/M63-100/TC		EXN/M63-125/TC		EXN/M63-150/TC EXN/M63-200/TC
M75	EXN/M75-050/TC		EXN/M75-075/TC		EXN/M75-100/TC		EXN/M75-125/TC		EXN/M75-150/TC EXN/M75-200/TC
NPT 1/2	EXN/050-075/E								
NPT 3/4	EXN/075-050/R			EXN/075-100/E					
NPT 1	EXN/100-050/R		EXN/100-075/R			EXN/100-125/E			
NPT 1 1/4	EXN/125-050/R		EXN/125-075/R		EXN/125-100/R		EXN/125-150/E		
NPT 1 1/2	EXN/150-050/R		EXN/150-075/R		EXN/150-100/R		EXN/150-125/R		EXN/150-200/E
NPT 2	EXN/200-050/R		EXN/200-075/R		EXN/200-100/R		EXN/200-125/R		EXN/200-150/R
NPT 2 1/2	EXN/250-050/R		EXN/250-075/R		EXN/250-100/R		EXN/250-125/R		EXN/250-150/R EXN/250-200/R EXN/250-300/E
NPT 3	EXN/300-050/R		EXN/300-075/R		EXN/300-100/R		EXN/300-125/R		EXN/300-150/R EXN/300-200/R EXN/300-250/R

Ex d e Coupler



Ex d e Coupler

Approvals & certifications		Conformity Conforms to:	Temperature range
		ATEX: Baseefa 08 ATEX 0003X	–60°C to +200°C (–76°F to +392°F)
		Ex de IIC Gb	
		Ex tb IIIC Db	
		Material	
		Brass, nickel plated brass or stainless steel	

Ex d e Coupler - Metric thread

Nickel plated Part no.	Metric Thread Size (mm)	Brass Part no.	Metric Thread Size (mm)	Stainless Steel Part no.	Metric Thread Size (mm)
EXN/M16/C	M16	EX/M16/C	M16	EXS/M16/C	M16
EXN/M20/C	M20	EX/M20/C	M20	EXS/M20/C	M20
EXN/M25/C	M25	EX/M25/C	M25	EXS/M25/C	M25
EXN/M32/C	M32	EX/M32/C	M32	EXS/M32/C	M32
EXN/M40/C	M40	EX/M40/C	M40	EXS/M40/C	M40
EXN/M50/C	M50	EX/M50/C	M50	EXS/M50/C	M50
EXN/M63/C	M63	EX/M63/C	M63	EXS/M63/C	M63
EXN/M75/C	M75	EX/M75/C	M75	EXS/M75/C	M75

Ex d e Female to female coupler - NPT thread

Nickel plated Part no.	NPT Thread Size (in)	Brass Part no.	NPT Thread Size (in)	Stainless Steel Part no.	NPT Thread Size (in)
EXN/038/C	3/8	EX/038/C	3/8	EXS/038/C	3/8
EXN/050/C	1/2	EX/050/C	1/2	EXS/050/C	1/2
EXN/075/C	3/4	EX/075/C	3/4	EXS/075/C	3/4
EXN/100/C	1	EX/100/C	1	EXS/100/C	1
EXN/125/C	1 1/4	EX/125/C	1 1/4	EXS/125/C	1 1/4
EXN/150/C	1 1/2	EX/150/C	1 1/2	EXS/150/C	1 1/2
EXN/200/C	2	EX/200/C	2	EXS/200/C	2
EXN/250/C	2 1/2	EX/250/C	2 1/2	EXS/250/C	2 1/2

Ex e Drain valves

Ex e drainage device



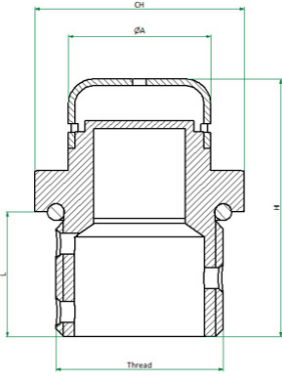
DV Series - Ex e metallic drain valve

Features and benefits:

- Increased safety Ex e
- Suitable for use in Zone 1, 2, 21 and 22
- Allows Water/Condensation to drain from enclosure

Approvals & certifications	Conformity	Temperature range	
	Conforms to:		
  	IMQ 15 ATEX 012U, IECEx IMQ	-60°C to +200°C (-76°F to +392°F)	
	Ex II 2 GD		
	Ex e IIC Gb	IP Rating	Material
	Ex tb IIC Db	IP66	Nickel plated brass Stainless steel

Dimensions

Nominal dimensions (mm/in)						
Metric thread	Part no.	Thread	Length	H Min	QA	CH
	EXN/M20/DV	M20	15.0	31.0	17.0	25.0
			0.590	1.220	0.669	0.984
	EXN/M25/DV	M25	15.0	31.0	17.0	32.0
			0.590	1.220	0.669	1.259
	EXN/050/DV	1/2" NPT	16.0	32.0	17.0	25.0
			0.629	1.259	0.669	0.984
	EXN/075/DV	3/4" NPT	16.0	32.0	17.0	32.0
			0.629	1.259	0.669	1.259
	EXS/M20/DV	M20	15.0	31.0	17.0	25.0
			0.590	1.220	0.669	0.984
	EXS/M25/DV	M25	15.0	31.0	17.0	32.0
			0.590	1.220	0.669	1.259
	EXS/050/DV	1/2" NPT	16.0	32.0	17.0	25.0
			0.629	1.259	0.669	0.984
	EXS/075/DV	3/4" NPT	16.0	32.0	17.0	32.0
			0.629	1.259	0.669	1.259