



CATALOGUE

SIB® CABLE GLANDS INDUSTRIAL & HAZARDOUS APPLICATIONS WORLDWIDE



ENGINEERED
TO OUTRUN



At ABB, we believe that everything that runs well, can always be engineered to run better. From data centers to shipping and ports, from railways to buildings, and from manufacturing to renewables - we help industries run leaner and cleaner. Because in a world where simply running isn't enough, we help industries outrun.

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SIB® SOLUTIONS FOR INDUSTRY & BUILDING

Solutions Builder

Founded in 1922, SIB® is a French industrial company, certified to ISO 9001, with headquarters and factory located in Boulay-Moselle (France). The team of 100+ employees develops, manufactures and trades plastic and metal (brass and steel) parts and accessories. Its products are used in a variety of sectors, such as building, electric industry, railways and hazardous areas (oil & gas, petrochemical).

By virtue of its extensive knowledge of the business, SIB® has a wide national implementation, with over 880 clients in France, and a large international presence, with more than 2000 partners worldwide.

Our goal: bring and build adapt sustainable solutions to the market, supported by a high-quality customer service and the expertise of different process, from conception to distribution, in a continuous progress environment.

Find out more.



01



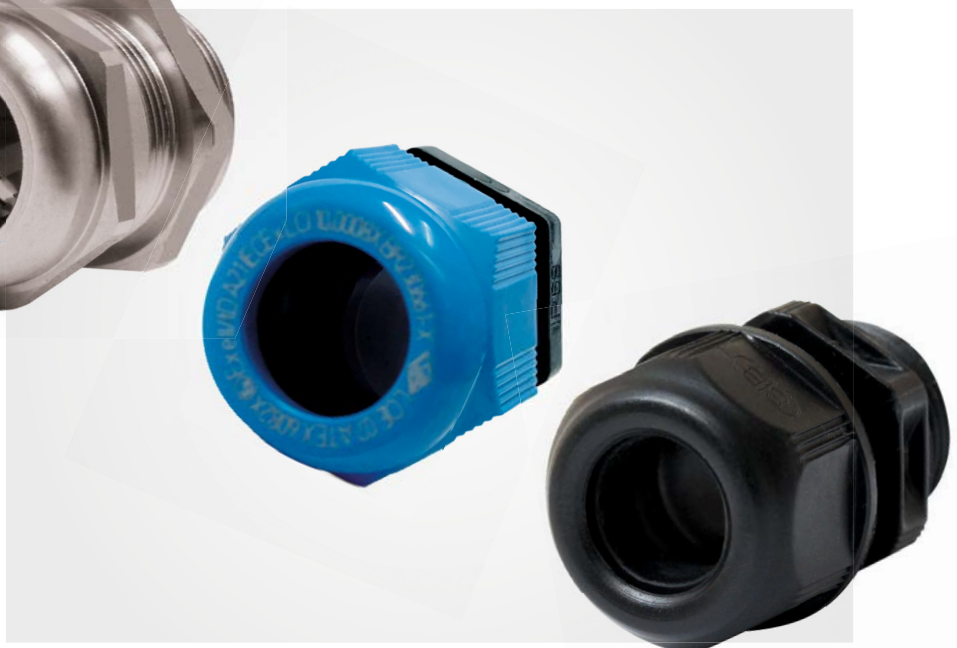
02

01 SIB® has manufacturing plants based in Boulay-Moselle, France and Treviglio, Bergamo, in Lombardy, Northern Italy.

02 All of our products and manufacturing processes are certified to ISO 9001, and many other worldwide approvals.

03 SIB® designs, manufactures, and markets brass, stainless steel, and plastic products and accessories for a range of industries and the building sector.

03



100+ YEARS OF SIB® INNOVATION

Our story

SIB® is a **Solutions Builder** that has specialised in designing and manufacturing innovative electrical cable solutions across a range of industries since 1922, leveraging expertise in technology and strategy to help our clients solve complex problems and achieve their business objectives effectively.

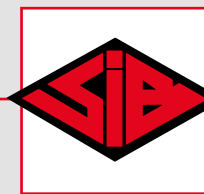


100+ YEARS of SIB® Solutions for Industry & Building



1922

Founded in 1922
Originally named Société Industrielle de Boulay.
Manufacturing Bakelite branch terminals for street lighting.



1980

Focus on the construction & building market and it's strategy for the French market. The company becomes "Spécialiste Industrie et Bâtiment" (Specialist, industry, building).



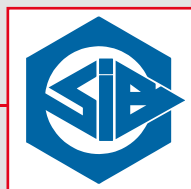
1995

The manufacturing plant for the building section is based in Laboissière en Thelle in Oise.



2010

A new factory of 12 000 m² was built in 2010 in Boulay for industry activity and the second half of 2012 we finally transferred the building activity from Laboissière to Boulay.



2011

SIB® becomes the French subsidiary of the Schlemmer group (Germany) specialised in the automotive industry and becomes "Schlemmer Industry & Building Parts".



Mr Gilles LHERBIER

becomes president of the company SIB. A range of new cable protection products are developed and launched over the next 10+ years.



2019

SIB® regains its autonomy and becomes "Solutions Industry & Building", its new French shareholder is Galiena Capital. Opening of its subsidiary in Milan (Italy).



O1 SIB is constantly renewing and replacing its machine park with the addition of 33 electric presses over the last 15 years.



O1

100+ YEARS of SIB® Solutions for industry & building

100⁺



2022

SIB® celebrate 100 YEARS of solutions for industry and building.

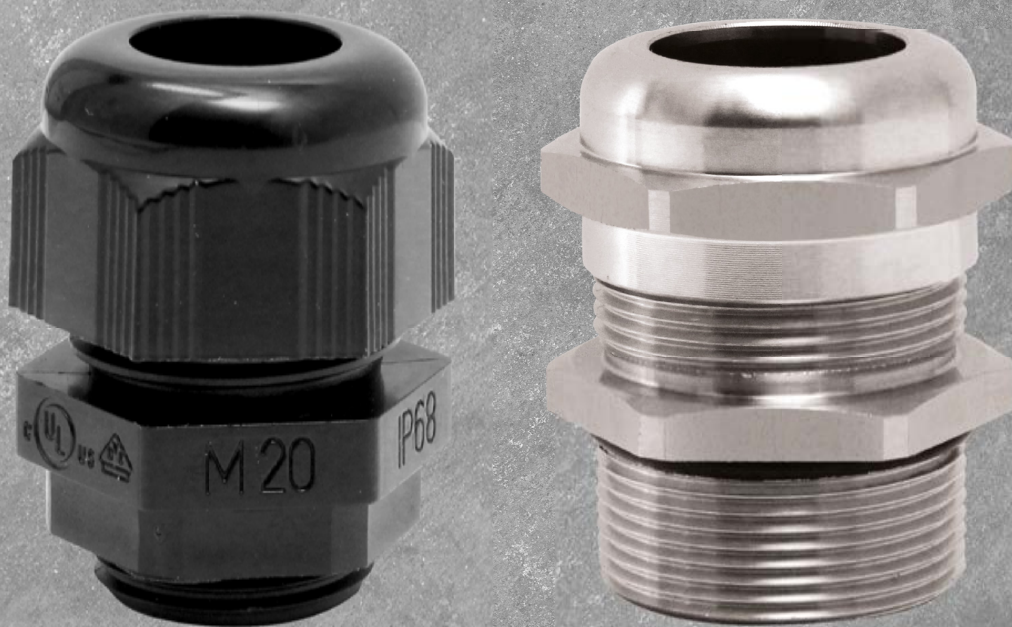


2024

SIB® is acquired by ABB
This marks a significant milestone in SIB's long history and provides a strong platform to build on our combined expertise and extend our connection and protection products as part of a highly respected global company like ABB.



01



SIB® manufactures plastic, brass & stainless steel cable glands for a wide range of industrial and building applications. High quality materials and innovative technology guarantee a quality which meets the highest demands.

MANUFACTURING

Our production workshops

SIB® thrives to provide each customer with a comprehensive offer and products compliant with official standards and certification. Our production workshop, based in Boulay-Moselle, France is ISO 9001 certified.

APPROVALS / STANDARDS



O1



Production facilities:



ISO 9001 certified.

- **Plastic injection moulding**
 - 36 injection machines full electric
 - 80 million parts/year
 - 3 workstations
 - Plastic: 1000 tons/year
- **Metal turning parts**
 - 13 CNC & 7 Transfer machines (6 machines dedicated to high volumes)
 - 30 million parts/year
 - 2 workstations
 - 910 tons/year
 - Laser marking
- **Logistics & warehouse**
 - Order preperation, mounting, packaging, expedition and reception:
 - 4 automatic storage systems
 - 1 automatic machine for assembling cable glands
 - 2 workstations
 - 35,000 references
 - 7,000 products supplied annually
 - 90,000 order lines/year
 - 10,000 lines of expedition/month
 - for 10 million pieces/month with 7 preparators
 - 23 alleys of 15 modules on a height of 6 meters

O2



Applications:



Industry



Building



Photovoltaic



Wind turbine



Aviation



EV Charging



Railway



Maritime



ATEX



Robotics

02

A photograph of a complex industrial plant, likely a refinery or chemical processing facility. The image is dominated by a tall, cylindrical distillation column on the right side, which is surrounded by a dense network of large, insulated pipes. These pipes are wrapped in a light-colored, segmented insulation material. The pipes run horizontally and vertically, connecting different parts of the plant. Scaffolding and structural steel are visible throughout the scene. The sky in the background is overcast and grey. In the bottom left corner, there is a block of white text with a black outline, providing information about SIB® Industrial Cable Glands.

SIB® Industrial Cable Glands are manufactured from a range of high grade materials, including brass, stainless steel, and plastic. Suitable for electrical usage, rail, maritime, construction and mining industries, as well as ATEX (inc. oil & gas, petrochemicals).

INDUSTRIAL CABLE GLANDS

PLASTIC

012 – 024 **Standard plastic cable glands**

025 – 033 **Plastic accessories**

BRASS

034 – 045 **Standard brass cable glands**

046 – 059 **EMC brass cable glands**

060 – 069 **Other applications**

070 – 079 **Brass accessories**

STAINLESS STEEL

080 – 086 **Stainless steel cable glands**

087 – 090 **Stainless steel accessories**

091 – 095 **Assembly instructions**

INDUSTRIAL CABLE GLANDS

Standard plastic cable glands & accessories

INDUSTRIAL CABLE GLANDS (STANDARD PLASTIC)



Type	SIB-TEC	SIB-TEC SET	SIB-TEC RJ45	WADI-TEC GSE ECEA	WADI-TEC Flat cable
Characteristics					
Plastic	•	•	•	•	•
Universal	–	–	–	–	–
Universal with lamellas	•	•	•	–	–
For non-armoured cables	•	•	•	–	–
For flat cables	–	–	–	•	•
For round cables	–	–	–	–	–
Without lamellas	–	–	–	–	–
Modular	–	–	–	•	•
Halogen free	•	•	•	•	•
Page	14	16	17	18	19

APPROVALS / STANDARDS



ACCESSORIES (STANDARD PLASTIC)



Type	Hexagonal plugs	Round plugs	Enlargers	Reducers	Locknuts / Flat locknuts
Characteristics					
Plastic	•	•	•	•	•
Halogen free	•	•	•	•	•
Page	25	26	27	28	29

STANDARD PLASTIC

Industrial
characteristics



WADI-TEC Multi-holed	CLIP-TEC
●	●
-	-
-	●
-	●
-	-
●	-
-	-
●	-
●	●
20	24



O-ring / Flat sealing	Hard discs & flat head sealing	Multi-holed flat sealing	Screwless connectors
●	●	●	●
-	-	-	-
30	31	32	33

SIB-TEC

Standard plastic cable glands

A range of IP68 Metric/PG/NPT thread, standard plastic cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Reduced sealing available
- For use with non-armoured cables

IP Protection:

- IP68

Operating temperature:

-40°C / +100°C

Colours available:

- RAL 7035
- RAL 7001
- RAL 9005

Material:

- Polyamide 6 - UL94 V2
- Halogen free
- Seal: Neoprene

Thread:

Metric / PG / NPT

Certification:

- IEC 62 444
- VDE: 40046804
- UL: E184471
- DNV: TAE00004VD

Accessories:

See pages 25-33



Cap nut

Outer ridges provide a stronger grip.



Body

Universal with lamellas, providing enhanced grip on the cable.



Sealing

RED: Reduced sealing available.



Hexagonal sides

UL / VDE / Size / IP marked.



SIB-TEC CABLE GLANDS - METRIC / PG / NPT

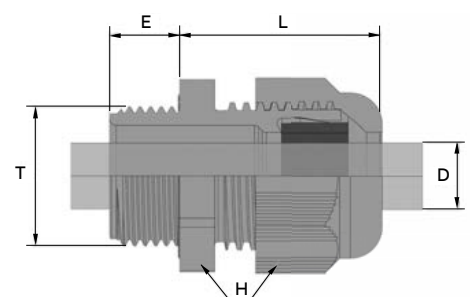


Thread T	Part no.			Overall cable diameter D								Pkg. L (pcs)
	 RAL 7035	 RAL 7001	 RAL 9005	(mm)		(inch)		H	E			
				Min	Max	Min	Max					
Metric												
12	F7021200	F7021209	F8021200	2.5	6.5	0.098	0.256	15	8.0	24.0	50	
16 ¹	F7021650	F7021659	F8021650	2.5	8.0	0.098	0.315	19	10.0	27.0	50	
16 ²	F7021600	F7021609	F8021600	3.5	10.0	0.138	0.394	22	10.0	29.0	50	
20 ¹	F7022050	F7022059	F8022050	7.0	12.0	0.276	0.472	24	10.0	30.0	50	
20 ²	F7022000	F7022009	F8022000	8.0	14.0	0.315	0.551	27	10.0	33.0	50	
25 ¹	F7022550	F7022559	F8022550	8.0	14.0	0.315	0.551	27	10.0	35.0	50	
25 ²	F7022500	F7022509	F8022500	9.0	18.0	0.354	0.709	33	10.0	39.0	25	
32	F7023200	F7023209	F8023200	14.0	25.0	0.551	0.984	42	10.0	42.0	20	
40	F7024000	F7024009	F8024000	18.0	32.0	0.709	1.260	53	10.0	52.0	10	
50	F7025000	F7025009	F8025000	24.0	38.5	0.945	1.516	60	12.0	55.0	5	
63	F7026300	F7026309	F8026300	35.0	48.0	1.378	1.890	70	12.0	56.0	5	
Metric RED (reduced sealing)												
12	F7021240	F7021249	F8021240	1.5	5.0	0.059	0.197	15	8.0	24.0	50	
16 ¹	F7021660	F7021669	F8021660	1.5	6.0	0.059	0.236	19	10.0	27.0	50	
16 ²	F7021640	F7021649	F8021640	2.0	7.0	0.079	0.275	22	10.0	29.0	50	
20 ¹	F7022060	F7022069	F8022060	3.0	9.0	0.118	0.354	24	10.0	30.0	50	
20 ²	F7022040	F7022049	F8022040	5.0	12.0	0.197	0.472	27	10.0	33.0	50	
25 ¹	F7022560	F7022569	F8022560	5.0	12.0	0.197	0.472	27	10.0	35.0	50	
25 ²	F7022540	F7022549	F8022540	7.0	16.0	0.275	0.630	33	10.0	39.0	25	
32	F7023240	F7023249	F8023240	11.0	21.0	0.433	0.827	42	10.0	42.0	20	
40	F7024040	F7024049	F8024040	13.0	24.5	0.512	0.964	53	10.0	52.0	10	
50	F7025040	F7025049	F8025040	17.0	31.0	0.669	1.220	60	12.0	55.0	5	
63	F7026340	F7026349	F8026340	26.0	39.0	1.024	1.535	70	12.0	56.0	5	
PG												
07	F7000700	F7000709	F8000700	2.5	6.5	0.098	0.256	15	8.0	24.0	50	
09	F7000900	F7000909	F8000900	2.5	8.0	0.098	0.315	19	8.0	27.0	50	
11	F7001100	F7001109	F8001100	3.5	10.0	0.138	0.394	22	8.0	29.0	50	
13	F7001300	F7001309	F8001300	5.0	12.0	0.197	0.472	24	9.0	30.0	50	
16	F7001600	F7001609	F8001600	7.0	14.0	0.275	0.551	27	10.0	33.0	50	
21	F7002100	F7002109	F8002100	9.0	18.0	0.354	0.709	33	11.0	39.0	25	
29	F7002900	F7002909	F8002900	14.0	25.0	0.551	0.984	42	11.0	42.0	20	
36	F7003600	F7003609	F8003600	18.0	32.0	0.709	1.260	53	13.0	50.0	10	
42	F7004200	F7004209	F8004200	24.0	38.5	0.945	1.516	60	13.0	55.0	5	
48	F7004900	F7004909	F8004900	35.0	48.0	1.378	1.890	70	14.0	56.0	5	
PG RED (reduced sealing)												
07	F7000740	F7000749	F8000740	1.5	5.0	0.059	0.197	15	8.0	24.0	50	
09	F7000940	F7000949	F8000940	1.5	6.0	0.059	0.236	19	8.0	27.0	50	
11	F7001140	F7001149	F8001140	2.0	7.0	0.079	0.275	22	8.0	29.0	50	
13	F7001340	F7001349	F8001340	3.0	9.0	0.118	0.354	24	9.0	30.0	50	
16	F7001640	F7001649	F8001640	5.0	12.0	0.197	0.472	27	10.0	33.0	50	
21	F7002140	F7002149	F8002140	7.0	16.0	0.275	0.630	33	11.0	39.0	25	
29	F7002940	F7002949	F8002940	11.0	21.0	0.433	0.827	42	11.0	42.0	20	
36	F7003640	F7003649	F8003640	13.0	26.0	0.512	1.024	53	13.0	50.0	10	
42	F7004240	F7004249	F8004240	17.0	31.0	0.669	1.220	60	13.0	55.0	5	
48	F7004940	F7004949	F8004940	26.0	39.0	1.024	1.535	70	14.0	56.0	5	
NPT												
3/8"	F7040800	F7040809	F8040800	2.5	8.0	0.098	0.315	19	11.0	27.0	50	
1/2"	F7041200	F7041209	F8041200	5.0	12.0	0.197	0.472	24	14.0	30.0	50	
3/4"	F7042000	F7042009	F8042000	9.0	18.0	0.354	0.709	33	15.0	39.0	20	
1"	F7042800	F7042809	F8042800	14.0	25.0	0.551	0.984	42	18.0	42.0	20	
NPT RED (reduced sealing)												
3/8"	F7040840	F7040849	F8040840	1.5	6.0	0.059	0.236	19	11.0	27.0	50	
1/2"	F7041240	F7041249	F8041240	3.0	9.0	0.118	0.354	24	14.0	30.0	50	
3/4"	F7042040	F7042049	F8042040	7.0	16.0	0.275	0.630	33	15.0	39.0	20	
1"	F7042840	F7042849	F8042840	11.0	21.0	0.433	0.827	42	18.0	42.0	20	
Metric Short*												
16	—	—	F8021606	3.5	10.0	0.138	0.394	22	6.0	29.0	50	
20	—	—	F8022006	8.0	14.0	0.315	0.551	27	6.0	33.0	50	
Metric Short RED*												
16	—	—	F8021646	2.0	7.0	0.079	0.275	22	6.0	29.0	50	
20	—	—	F8022066	5.0	12.0	0.197	0.472	27	6.0	33.0	50	

All dimensions are in millimetres (mm).

* RAL 9005 only.

Thread T	Part no.			Pkg. E (pcs)	
	 RAL 7035	 RAL 7001	 RAL 9005		
Metric Long					
12	F7031200	F7031209	F8031200	15.0	50
16 ^{1/4}	F7031650	F7031659	F8031650	15.0	50
16 ^{1/2}	F7031600	F7031609	F8031600	15.0	50
20 ^{1/4}	F7032050	F7032059	F8032050	15.0	50
20 ^{1/2}	F7032000	F7032009	F8032000	15.0	50
25 ^{1/4}	F7032550	F7032559	F8032550	15.0	50
25 ^{1/2}	F7032500	F7032509	F8032500	15.0	25
32	F7033200	F7033209	F8033200	15.0	20
40	F7034000	F7034009	F8034000	16.0	10
50	F7035000	F7035009	F8035000	16.0	5
63	F7036300	F7036309	F8036300	16.0	5
Metric Long RED (reduced sealing)					
12	F7031240	F7031249	F8031240	15.0	50
16 ^{1/4}	F7031660	F7031669	F8031660	15.0	50
16 ^{1/2}	F7031640	F7031649	F8031640	15.0	50
20 ^{1/4}	F7032060	F7032069	F8032060	15.0	50
20 ^{1/2}	F7032040	F7032049	F8032040	15.0	50
25 ^{1/4}	F7032560	F7032569	F8032560	15.0	50
25 ^{1/2}	F7032540	F7032549	F8032540	15.0	25
32	F7033240	F7033249	F8033240	15.0	20
40	F7034040	F7034049	F8034040	16.0	10
50	F7035040	F7035049	F8035040	16.0	5
63	F7036340	F7036349	F8036340	16.0	5



SIB-TEC SET

Standard plastic cable glands

A range of IP68 Metric/PG thread, standard plastic cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Reduced sealing available
- Locknut and obturator mounted

IP Protection:

- IP68

Operating temperature:

-40°C / +100°C

Colour available:

- RAL 7035

Material:

- Polyamide 6 - UL94 V2
- Halogen free
- Seal: Neoprene

Thread:

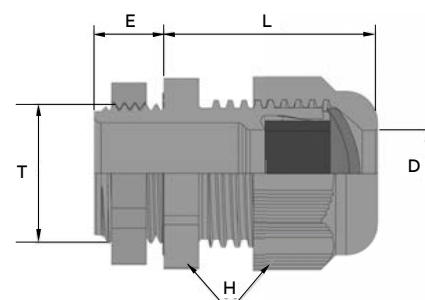
Metric / PG

Certification:

- IEC 62 444
- VDE: 40046804
- UL: E184471
- DNV: TAE00004VD

Accessories:

See pages 25-33



SIB-TEC SET CABLE GLANDS - METRIC / PG



Thread T	Part no.	Overall cable diameter D				H	E	L	Pkg. (pcs)
		(mm)		(inch)					
		Min	Max	Min	Max				
Metric									
12	F7021205	2.5	6.5	0.098	0.256	15	8.0	24.0	50
16 ^{/2}	F7021605	3.5	10.0	0.138	0.394	22	10.0	29.0	50
20 ^{/1}	F7022055	7.0	12.0	0.276	0.472	24	10.0	30.0	50
20 ^{/2}	F7022005	8.0	14.0	0.315	0.551	27	10.0	33.0	50
25 ^{/2}	F7022505	9.0	18.0	0.354	0.709	33	10.0	39.0	25
32	F7023205	14.0	25.0	0.551	0.984	42	10.0	42.0	20
40	F7024005	18.0	32.0	0.709	1.260	53	10.0	52.0	10
50	F7025005	24.0	38.5	0.945	1.516	60	12.0	55.0	5
63	F7026305	35.0	48.0	1.378	1.890	70	12.0	56.0	5
PG									
07	F7000710	2.5	6.5	0.098	0.256	15	8.0	24.0	50
09	F7000910	2.5	8.0	0.098	0.315	19	8.0	27.0	50
11	F7001110	3.5	10.0	0.138	0.394	22	8.0	29.0	50
13	F7001310	5.0	12.0	0.197	0.472	24	9.0	30.0	50
16	F7001610	7.0	14.0	0.275	0.551	27	10.0	33.0	50
21	F7002110	9.0	18.0	0.354	0.709	33	11.0	39.0	25
29	F7002910	14.0	25.0	0.551	0.984	42	11.0	42.0	20
36	F7003610	18.0	32.0	0.709	1.260	53	13.0	50.0	10
42	F7004210	24.0	38.5	0.945	1.516	60	13.0	55.0	5
48	F7004910	35.0	48.0	1.378	1.890	70	14.0	56.0	5

All dimensions are in millimetres (mm).

SIB-TEC RJ45

Standard plastic cable glands

A range of IP54 Metric thread, standard plastic cable glands with insert for RJ45 connecting cable Ø 5 to 6 mm.

SPECIAL FEATURES

- Cable gland with lamellas
- Application for round cable
- For RJ45 connecting cable Ø 5 to 6 mm
- Long thread (on request)

IP Protection:

- IP54

Operating temperature:

-40°C / +100°C

Colours available:

- RAL 7035
- RAL 9005

Material:

- Polyamide V2
- Halogen free

Thread:

Metric

Certification:

- IEC 62 444

Accessories:

See pages 25-33

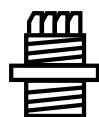


SIB-TEC RJ45 CABLE GLANDS - METRIC



Thread T	Part no.		Overall cable diameter (mm)		H	Pkg. (pcs)
	● RAL 7035	● RAL 9005	Min	Max		
Metric						
25/2	F7021200	F8222571	5.0	0.098	33	25
25/2	—	F8022510	6.0	1.378	33	25

All dimensions are in millimetres (mm).



Body

Cable gland with lamellas and insert for RJ45 connecting cable Ø 5 to 6 mm.



WADI-TEC GSE ECEA

Standard plastic cable glands

A range of IP68 Metric/PG thread, standard plastic cable glands with clamping device, for use with flat cables.

SPECIAL FEATURES

- Variants sealing: Standard, multi-hole, for flat cable
- ECEA variant for increased strain relief

IP Protection:

- IP68

Thread:

Metric / PG

IP Protection:

- IP68

Operating temperature:

-30°C / +120°C

Material:

- Polyamide 6 glassfiber 25% reinforced
- Seal: TPE
- Insert: Polycarbonate

Colours available:

● RAL 7035

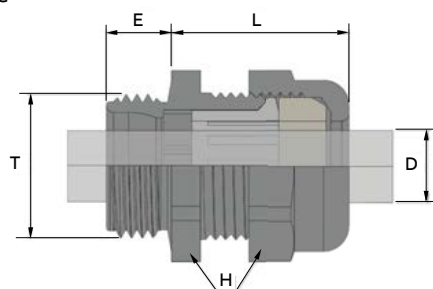
● RAL 9005

Certification:

- IEC 62 444

Accessories:

See pages 25-33



WADI-TEC GSE ECEA CABLE GLANDS - METRIC / PG



	Part no.		Overall cable diameter D									
Thread T			(mm)		(inch)		H	E	L	Pkg. (pcs)		
	RAL 7035	RAL 9005	Min	Max	Min	Max						
Metric												
12	Z6321200	Z7321200	3.0	6.0	0.118	0.236	15	8.0	23.0	50		
16S	Z6321600	Z7321600	5.0	8.0	0.197	0.315	19	8.0	24.0	50		
20S	Z6322000	Z7322000	8.0	12.0	0.315	0.472	24	9.0	27.0	50		
20L	Z6322040	Z7322040	10.0	14.0	0.394	0.551	27	9.0	30.0	50		
25S	Z6322500	Z7322500	11.5	18.0	0.453	0.709	33	11.0	33.0	20		
32S	Z6323200	Z7323200	15.0	24.0	0.591	0.945	42	12.0	43.0	20		
40	Z6324000	Z7324000	24.0	34.0	0.945	1.339	55	15.0	48.0	20		
50	Z6325000	Z7325000	34.0	42.0	1.339	1.654	65	15.0	50.0	10		
63	Z6326300	Z7326300	40.0	48.0	1.575	1.890	70	15.0	50.0	5		
PG												
07	Z6300700	Z7300700	3.0	6.0	0.118	0.236	15	8.0	23.0	50		
09	Z6300900	Z7300900	5.0	8.0	0.197	0.315	19	8.0	24.0	50		
11	Z6301100	Z7301100	6.0	10.0	0.236	0.394	22	8.0	27.0	50		
13	Z6301300	Z7301300	8.0	12.0	0.315	0.472	24	9.0	27.0	50		
16	Z6301600	Z7301600	10.0	14.0	0.394	0.551	27	10.0	30.0	50		
21	Z6302100	Z7302100	11.5	18.0	0.453	0.709	33	11.0	34.0	20		
29	Z6302900	Z7302900	15.0	24.0	0.591	0.945	42	12.0	43.0	20		
36	Z6303600	Z7303600	24.0	34.0	0.945	1.339	55	18.0	47.0	10		
42	Z6304200	Z7304200	34.0	42.0	1.339	1.654	65	18.0	49.0	5		
48 DIN	Z6304900	Z7304900	40.0	48.0	1.575	1.890	70	18.0	49.0	5		

All dimensions are in millimetres (mm).

	Part no.			
Thread				Pkg.
T	RAL 7035	RAL 9005	E	(pcs)
Metric Long				
16	Z6331600	Z7331600	15.0	50
20	Z6332000	Z7332000	15.0	50
20	Z6332040	Z7332040	15.0	50
25	Z6332500	Z7332500	15.0	50
32	Z6333200	Z7333200	15.0	20
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
PG Long				
07	Z6310700	Z7310700	15.0	50
09	Z6310900	Z7310900	15.0	50
11	Z6311100	Z7311100	15.0	50
13	Z6311300	Z7311300	15.0	50
16	Z6311600	Z7311600	15.0	50
21	Z6312100	Z7312100	15.0	20
29	Z6312900	Z7312900	15.0	20
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

WADI-TEC

Standard plastic cable glands

A range of IP68 Metric/PG thread, standard plastic cable glands with seal for flat cables and AS-i BUS.

SPECIAL FEATURES

- Sealing for flat cable
- Free of halogen
- Specific for sealed packing rings

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Colours available:

- RAL 7035
- RAL 9005

Material:

- Polyamide 6 glassfiber 25% reinforced
- Seal: TPE

Thread:

Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 25-33



WADI-TEC CABLE GLANDS - METRIC / PG

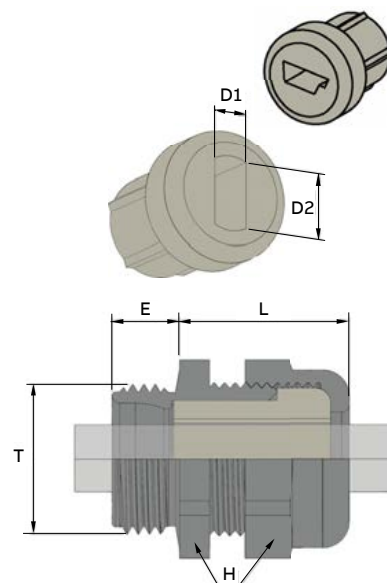


Part no.								
Thread	RAL 7035	RAL 9005						
T			D1 x D2	H	E	L	Type of set	Pkg. (pcs)
Metric								
16	Z6621600	Z7621600	3,5 x 5,5	19	8.0	24.0	rounded	50
20	Z6622010	Z7622010	5,0 x 11,0	24	9.0	27.0	rounded	50
20	Z6622050	Z7622050	5,0 x 12,0	24	9.0	27.0	oval	50
20	Z6622030	Z7622030	7,5 x 14,0	27	9.0	30.0	rounded	50
25	Z6622500	Z7622500	5,0 x 16,0	33	11.0	33.0	rounded	20
25	Z6622520	Z7622520	7,0 x 18,0	33	11.0	33.0	rounded	20
25	Z6622540	Z7622540	5,0 x 15,0	33	11.0	33.0	oval	20
25	Z6622550	Z7622550	5,0 x 16,0	33	11.0	33.0	oval	20
32	Z6623200	Z7623200	8,0 x 25,0	42	12.0	43.0	rounded	20
40	Z6624000	Z7624000	6,0 x 29,0	55	15.0	48.0	rounded	10
40	Z6624030	Z7624030	8,0 x 36,0	55	15.0	48.0	rounded	10
63	Z6626300	Z7626300	6,5 x 47,0	70	15.0	50.0	rounded	5
PG								
11	Z6601110	Z7601110	3,5 x 9,0	22	8.0	22.0	rounded	50
16	Z6601620	Z7601620	7,5 x 14,0	27	10.0	23.0	rounded	50
16	Z6601610	Z7601610	5,0 x 16,0	33	10.0	26.0	rounded	50
21	Z6602120	Z7602120	9,0 x 15,0	33	11.0	26.0	rounded	20
21	Z6602150	Z7602150	7,0 x 20,0	42	11.0	27.0	oval	20

All dimensions are in millimetres (mm).
Version Ex e available on request.

WADI-TEC CABLE AS-I BUS

Part no.					
Thread	RAL 7035	RAL 9005	E	L	Pkg. (pcs)
T					
AS-i BUS					
M20	Z6622085	Z7622085	9.0	33.0	50
PG13	Z6601340	Z7601340	9.0	33.0	50



WADI-TEC

Standard plastic cable glands

A range of IP68 Metric/PG thread, standard plastic cable glands with multi-holed sealing close, for use with round cables.

SPECIAL FEATURES

- Sealing close
- Free of halogen
- Specific for variant sealing

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Colours available:

- RAL 7035
- RAL 9005
- RAL 7001 (on request)

Material:

- Polyamide 6 glassfiber 25% reinforced
- Seal: TPE

Thread:

Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 25-33



Cap nut

Compatible with sealing close for round cables.



Sealing close

Multi-holed sealing close.
Options available:



Body

Specific for variant sealing.

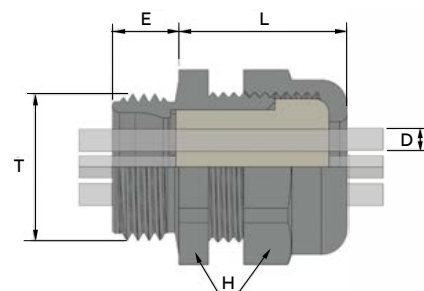


WADI-TEC CABLE GLANDS - METRIC



	Part no.		Number of entries	Diameter D	H	E	L	Pkg. (pcs)
Thread T	 RAL 7035	 RAL 9005						
Metric								
16	Z6721601	Z7721601	2	3.0	19	8.0	32.0	50
16	Z6721604	Z7721604	3	3.0	19	8.0	32.0	50
20	Z6722000	Z7722000	2	3.0	24	9.0	36.0	50
20	Z6722002	Z7722002	2	5.0	27	9.0	39.0	50
20	Z6722003	Z7722003	2	6.0	27	9.0	39.0	50
20	Z6722004	Z7722004	2	7.0	27	9.0	39.0	50
20	Z6722006	Z7722006	3	3.0	27	9.0	39.0	50
20	Z6722007	Z7722007	3	4.0	27	9.0	39.0	50
20	Z6722008	Z7722008	3	5.0	27	9.0	39.0	50
20	Z6722009	Z7722009	3	5.6	27	9.0	39.0	50
20	Z6722010	Z7722010	3	6.0	27	9.0	39.0	50
20	Z6722011	Z7722011	4	3.0	24	9.0	36.0	50
20	Z6722012	Z7722012	4	4.0	27	9.0	39.0	50
20	Z6722013	Z7722013	5	4.0	27	9.0	39.0	50
20	Z6722014	Z7722014	5	5.0	27	9.0	39.0	50
20	Z6722015	Z7722015	6	3.5	24	9.0	36.0	50
20	Z6722016	Z7722016	6	4.0	27	9.0	39.0	50
20	Z6722017	Z7722017	10	2.0	24	9.0	36.0	50
25	Z6722500	Z7722500	2	4.5	33	11.0	44.0	20
25	Z6722501	Z7722501	2	8.0	33	11.0	44.0	20
25	Z6722502	Z7722502	3	7.0	33	11.0	44.0	20
25	Z6722503	Z7722503	3	8.0	33	11.0	44.0	20
25	Z6722504	Z7722504	4	5.0	33	11.0	44.0	20
25	Z6722505	Z7722505	4	6.0	33	11.0	44.0	20
25	Z6722506	Z7722506	5	5.0	33	11.0	44.0	20
25	Z6722507	Z7722507	5	6.0	33	11.0	44.0	20
25	Z6722508	Z7722508	5	6.5	33	11.0	44.0	20
25	Z6722509	Z7722509	6	4.0	33	11.0	44.0	20
25	Z6722510	Z7722510	6	5.0	33	11.0	44.0	20
25	Z6722512	Z7722512	8	5.0	33	11.0	44.0	20
25	Z6722513	Z7722513	21	2.0	33	11.0	44.0	20
32	Z6723200	Z7723200	2	9.0	42	12.0	55.0	20
32	Z6723201	Z7723201	2	11.0	42	12.0	55.0	20
32	Z6723202	Z7723202	2	12.0	42	12.0	55.0	20
32	Z6723203	Z7723203	3	9.0	42	12.0	55.0	20
32	Z6723204	Z7723204	3	11.0	42	12.0	55.0	20
32	Z6723205	Z7723205	4	8.0	42	12.0	55.0	20
32	Z6723206	Z7723206	4	9.0	42	12.0	55.0	20
32	Z6723207	Z7723207	4	10.0	42	12.0	55.0	20
32	Z6723208	Z7723208	6	6.0	42	12.0	55.0	20
32	Z6723209	Z7723209	6	6.5	42	12.0	55.0	20
32	Z6723210	Z7723210	6	7.0	42	12.0	55.0	20
32	Z6723212	Z7723212	7	7.0	42	12.0	55.0	20
32	Z6723213	Z7723213	8	5.0	42	12.0	55.0	20
32	Z6723214	Z7723214	8	6.0	42	12.0	55.0	20
32	Z6723215	Z7723215	10	6.0	42	12.0	55.0	20
32	Z6723216	Z7723216	11	5.0	42	12.0	55.0	20

All dimensions are in millimetres (mm).
Version Ex e available on request.



WADI-TEC

Standard plastic cable glands



WADI-TEC CABLE GLANDS - PG

	Part no.							
Thread T	 RAL 7035	 RAL 9005	Number of entries	Diameter D	H	E	L	Pkg. (pcs)
PG								
07	Z6700701	Z7700701	1	5.0	15	8.0	31.0	50
09	Z6700902	Z7700902	2	3.0	19	8.0	32.0	50
09	Z6700903	Z7700903	2	3.5	19	8.0	32.0	50
09	Z6700906	Z7700906	4	3.0	22	8.0	34.0	50
11	Z6701103	Z7701103	2	2.3	22	8.0	35.0	50
11	Z6701100	Z7701100	2	3.5	22	8.0	35.0	50
11	Z6701105	Z7701105	2	4.0	22	8.0	38.0	50
11	Z6701102	Z7701102	2	5.0	22	8.0	35.0	50
11	Z6701120	Z7701120	2	6.0	27	8.0	38.0	50
11	Z6701121	Z7701121	3	5.0	27	8.0	38.0	50
11	Z6701111	Z7701111	6	2.0	22	8.0	35.0	50
13	Z6701302	Z7701302	2	5.0	24	11.0	36.0	50
13	Z6701300	Z7701300	2	6.0	24	11.0	36.0	50
13	Z6701307	Z7701307	3	6.0	27	11.0	38.0	50
13	Z6701311	Z7701311	4	5.0	27	11.0	38.0	50
13	Z6701312	Z7701312	6	3.5	24	11.0	36.0	50
13	Z6701313	Z7701313	10	2.0	24	11.0	36.0	50
16	Z6701604	Z7701604	2	6.0	27	10.0	42.0	50
16	Z6701600	Z7701600	2	7.0	27	10.0	40.0	50
16	Z6701606	Z7701606	2	9.0	27	10.0	40.0	50
16	Z6701611	Z7701611	3	6.0	33	10.0	42.0	50
16	Z6701612	Z7701612	3	8.0	33	10.0	42.0	50
16	Z6701620	Z7701620	4	5.0	33	10.0	42.0	50
16	Z6701619	Z7701619	4	6.0	33	10.0	40.0	50
16	Z6701615	Z7701615	5	4.0	33	10.0	42.0	50
16	Z6701616	Z7701616	5	5.0	27	10.0	40.0	50
21	Z6702106	Z7702106	2	4.5	33	11.0	44.0	20
21	Z6702107	Z7702107	2	8.0	42	11.0	48.0	20
21	Z6702117	Z7702117	2	11.0	42	11.0	48.0	20
21	Z6702105	Z7702105	3	7.0	33	11.0	44.0	20
21	Z6702118	Z7702118	3	9.0	42	11.0	48.0	20
21	Z6702100	Z7702100	4	6.0	33	11.0	44.0	20
21	Z6702120	Z7702120	4	7.5	42	11.0	48.0	20
21	Z6702111	Z7702111	4	8.0	42	11.0	48.0	20

All dimensions are in millimetres (mm).
Version Ex e available on request.

WADI-TEC cable glands

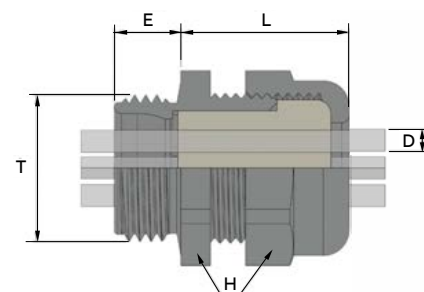
Standard plastic cable glands



WADI-TEC CABLE GLANDS - PG

	Part no.							
Thread T	 RAL 7035	 RAL 9005	Number of entries	Diameter D	H	E	L	Pkg. (pcs)
PG								
21	Z6702102	Z7702102	5	6.0	42	11.0	48.0	20
21	Z6702104	Z7702104	5	6.5	42	11.0	48.0	20
21	Z6702122	Z7702122	6	4.0	33	11.0	44.0	20
21	Z6702123	Z7702123	6	5.0	42	11.0	48.0	20
21	Z6702115	Z7702115	6	6.0	42	11.0	48.0	20
21	Z6702110	Z7702110	6	6.5	42	11.0	48.0	20
21	Z6702114	Z7702114	6	7.0	33	11.0	44.0	20
21	Z6702128	Z7702128	8	4.0	33	11.0	44.0	20
21	Z6702101	Z7702101	8	5.0	33	11.0	44.0	20
21	Z6702113	Z7702113	11	5.0	33	11.0	44.0	20
21	Z6702112	Z7702112	28	3.0	42	11.0	44.0	20
29	Z6702910	Z7702910	2	12.0	42	12.0	48.0	20
29	Z6702903	Z7702903	4	8.0	42	12.0	48.0	20
29	Z6702913	Z7702913	4	9.0	42	12.0	48.0	20
29	Z6702914	Z7702914	4	10.0	42	12.0	48.0	20
29	Z6702900	Z7702900	6	6.5	42	12.0	48.0	20
29	Z6702907	Z7702907	6	7.0	42	12.0	48.0	20
29	Z6702902	Z7702902	7	6.0	42	12.0	48.0	20
29	Z6702915	Z7702915	7	7.0	42	12.0	48.0	20
29	Z6702916	Z7702916	8	5.0	42	12.0	48.0	20
29	Z6702904	Z7702904	8	6.0	42	12.0	48.0	20
29	Z6702917	Z7702917	10	6.0	42	12.0	48.0	20
29	Z6702906	Z7702906	11	5.0	42	12.0	48.0	20

All dimensions are in millimetres (mm).
Version Ex e available on request.



CLIP-TEC

Standard plastic cable glands

A range of IP65 Metric equivalent, standard plastic cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Quick and easy to set up with a new clip system
- Perfect for installation in tight space or without back access
- No need to apply torque to tighten the body
- Wider clamping range
- Tool free assembly
- Recommended for different wall thickness: 1.5 to 2.7 mm

IP Protection:

- IP65

Operating temperature:

-40°C / +100°C

Colours available:

- RAL 7035
- RAL 7001
- RAL 9005

Material:

- Body and cap nut: Polyamide 6
- Seal: Neoprene
- O-ring: Nitrile

Thread:

Metric equivalent

Sizes:

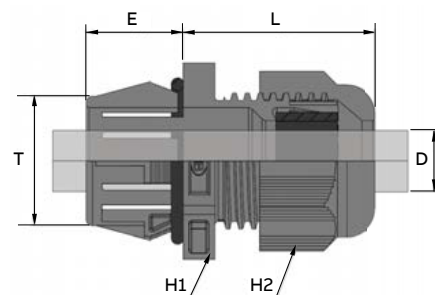
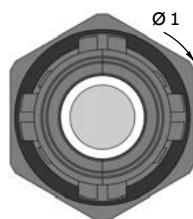
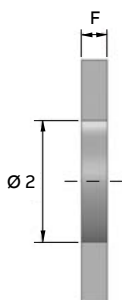
Ø 16 / Ø 20 / Ø 25

Certification:

- IEC 62 444



Clip system



CLIP-TEC CABLE GLANDS - METRIC EQUIVALENT



Thread T	Wall thickness F	Ø2 Ø of holes	Part no.			Sealing	Overall cable diameter D				Torques		H1	H2	Ø1	E	L	Pkg. L (pcs)
							(mm)		(inch)									
							Min	Max	Min	Max								
Metric equivalent																		
16 ^{/2}	1,5 - 2,7	16,2 (+0,1/+0,2)	F7021612	F7021610	F8021605	Standard	3.5	10.0	0.138	0.394	4.0	2.5	24	22	27.4	15	28.0	50
16 ^{/2}	1,5 - 2,7	16,2 (+0,1/+0,2)	F7021641	F7021653	F8021641	Reduced	2.0	7.0	0.079	0.276	1.6	2.0	24	22	27.4	15	28.0	50
20	1,5 - 2,7	20,2 (+0,1/+0,2)	F7022053	F7022061	F8022054	Standard	7.0	12.0	0.276	0.472	2.5	2.5	27	24	30.3	15	29.0	50
20	1,5 - 2,7	20,2 (+0,1/+0,2)	F7022062	F7022070	F8022061	Reduced	3.0	9.0	0.118	0.354	3.5	2.2	27	24	30.3	15	29.0	50
25 ^{/2}	1,5 - 2,7	25,4 (+0,1/+0,2)	F7022506	F7022514	F8022503	Standard	9.0	18.0	0.354	0.709	3.8	4.8	33	33	38.0	15	37.0	25
25 ^{/2}	1,5 - 2,7	25,4 (+0,1/+0,2)	F7022541	F7022553	F8022541	Reduced	7.0	16.0	0.276	0.630	4.0	2.8	33	33	38.0	15	37.0	25

All dimensions are in millimetres (mm).

Possibility of using a multi-holed sealing (see page 35).

ACCESSORIES

SPECIAL FEATURES

- Can be assembled with a screwdriver
- Various possible uses (different materials, round, hexagonal)

IP Protection:

- IP68 with sealing

Operating temperature:

- -30°C / +120°C (polyamide 6 glassfiber 25% reinforced)
- -40°C / +135°C (polycarbonate)
- -20°C / +70°C (polystyrene)

Material:

- Polyamide 6 glassfiber 25% reinforced (hexagonal & round metric)
- Polycarbonate (hexagonal PG)
- Polystyrene (round PG)

Colours available:

- RAL 7035
- RAL 7001
- RAL 9005

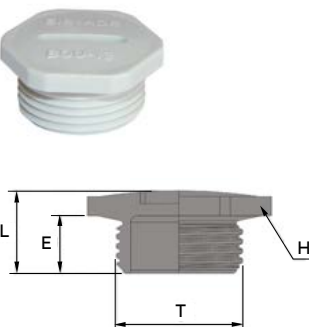
Thread:

Metric / PG

PLASTIC

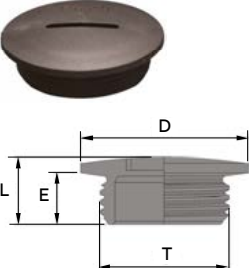
HALOGEN FREE

HEXAGONAL PLUGS - METRIC / PG

	Thread T	Part no.		H	E	L	Pkg. (pcs)
		RAL 7035 ●	RAL 9005 ●				
	Metric						
	12	G4812210	G4812220	16	8.0	11.0	50
	16	G4816210	G4816220	20	8.0	12.0	50
	20	G4820210	G4820220	26	9.0	13.0	50
	25	G4825210	G4825220	32	10.0	15.0	20
	32	G4832210	G4832220	40	11.0	16.5	20
	40	G4840210	G4840220	48	12.0	18.0	20
	50	G4850210	G4850220	55	13.0	21.0	10
	63	G4863210	G4863220	70	15.0	24.5	5
	PG						
	07	G4607007	H4607014	15	6,5	10,0	50
	09	G4609001	H4609018	19	7,0	10,5	50
	11	G4611004	H4611011	22	8,0	11,5	50
	13	G4613008	H4613015	24	9,0	12,5	50
	16	G4616009	H4616016	27	9,0	12,5	50
	21	G4621003	H4621010	32	10,0	14,5	25
	29	G4629009	H4629016	41	12,0	18,0	25
	36	G4636007	H4636014	55	14,0	21,5	10
	42	G4642008	H4642015	60	15,5	24,0	10
	48	G4649007	H4649014	65	16,0	26,0	5

All dimensions are in millimetres (mm).

ROUND PLUGS - METRIC

	Thread	Part no.			D	E	L	Pkg. (pcs)	
	T	RAL 7001 	RAL 7035 	RAL 9005 					
	Metric								
	12	G4512200	G4512210	G4512220	16	6.0	8.0	50	
	16	G4516200	G4516210	G4516220	20	6.0	8.0	50	
	20	G4520200	G4520210	G4520220	26	8.0	10.5	50	
	25	G4525200	G4525210	G4525220	32	8.0	11.0	50	
	32	G4532200	G4532210	G4532220	40	10.0	13.5	20	
	40	G4540200	G4540210	G4540220	48	10.0	14.0	20	
	50	G4550200	G4550210	G4550220	55	12.0	17.0	10	
63	G4563200	G4563210	G4563220	70	12.0	18.0	5		

All dimensions are in millimetres (mm).

ACCESSORIES

IP Protection:

- IP68 with sealing


Operating temperature:

- -30°C / +120°C
(polyamide 6 glassfiber
25% reinforced)
- -40°C / +135°C
(polycarbonate - PG)

Material:

- Polyamide 6 glassfiber
25% reinforced
- Polycarbonate

Colours available:

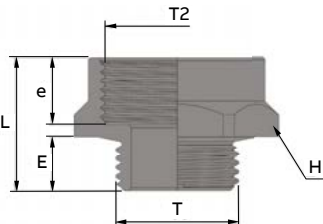
- RAL 7035
- RAL 7001
- RAL 9005*

Thread:

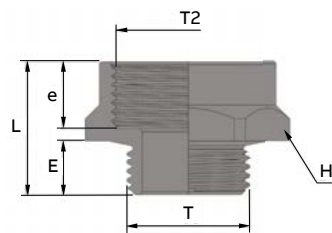
Metric / PG

ENLARGERS - METRIC / PG

	Thread T1	Thread T2	Part no.			H	E	e	L	Pkg. (pcs)
			RAL 7035	RAL 7001	RAL 9005					
	Metric									
	12	16	G5121600	G5121690	G5121610	20	8.0	8.0	18.5	50
	16	20	G5162000	G5162090	G5162010	24	8.0	9.0	20.0	50
	20	25	G5202500	G5202590	G5202510	30	9.0	10.0	22.0	50
	25	32	G5253200	G5253290	G5253210	36	10.0	11.0	24.0	25
	32	40	G5324000	G5324090	G5324010	44	11.0	12.0	26.0	10
	40	50	G5405000	G5405090	G5405010	55	12.0	13.0	28.0	10
	50	63	G5506300	G5506390	G5506310	70	13.0	15.0	31.5	10
	PG									
	07	09	G5071005			19	6.5	9.5	19.0	50
	09	11	G5091003			22	7.0	9.0	21.5	50
	11	13	G5111008			24	9.0	10.0	23.5	50
	13	16	G5131006			27	9.0	10.0	23.0	50
	16	21	G5161003			32	10.0	12.0	25.5	25
	21	29	G5211005			41	10.0	12.0	28.5	25
	29	36	G5291007			55	12.0	18.0	38.0	10
	36	42	G5361007			60	14.0	16.0	45.0	10
	42	48	G5422005			65	16.0	18.0	39.0	10



* RAL 9005 on request (PG).
All dimensions are in millimetres (mm).



Accessories

IP Protection:

- IP68 with sealing



Operating temperature:

- -30°C / +120°C
(polyamide 6 glassfiber
25% reinforced)
- -40°C / +135°C
(polycarbonate - PG)

Material:

- Polyamide 6 glassfiber
25% reinforced
- Polycarbonate

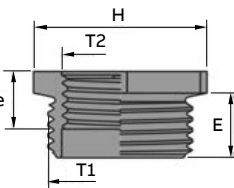
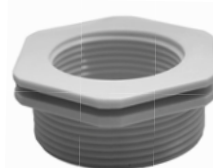
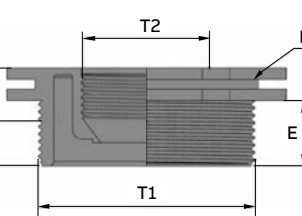
Colours available:

- RAL 7035
- RAL 7001
- RAL 9005

Thread:

Metric / PG

HEXAGONAL REDUCERS - METRIC / PG

	Thread T1	Thread T2	Type A/B	Part no.			H	E	e	Pkg. (pcs)
				RAL 7035	RAL 7001	RAL 9005				
 	Metric									
	16	12	–	G6161200	G6161290	G6161210	20	8.0	8.0	50
	20	12	–	G6201200	G6201290	G6201210	24	9.0	8.0	50
	20	16	–	G6201600	G6201690	G6201610	24	9.0	8.0	50
	25	12	–	G6251200	G6251290	G6251210	30	10.0	9.0	25
	25	16	–	G6251600	G6251690	G6251610	30	10.0	9.0	10
	25	20	–	G6252000	G6252090	G6252010	30	10.0	9.0	10
	32	16	–	G6321600	G6321690	G6321610	36	11.0	10.0	10
	32	20	–	G6322000	G6322090	G6322010	36	11.0	10.0	50
	32	25	–	G6322500	G6322590	G6322510	36	11.0	10.0	50
	40	20	–	G6402000	G6402090	G6402010	44	12.0	11.0	50
	40	25	–	G6402500	G6402590	G6402510	44	12.0	11.0	50
	40	32	–	G6403200	G6403290	G6403210	44	12.0	11.0	50
	50	25	–	G6502500	G6502590	G6502510	55	13.0	12.0	50
	50	32	–	G6503200	G6503290	G6503210	55	13.0	12.0	50
	50	40	–	G6504000	G6504090	G6504010	55	13.0	12.0	25
	63	32	–	G6633200	G6633290	G6633210	70	15.0	13.0	10
	63	40	–	G6634000	G6634090	G6634010	70	15.0	13.0	10
	63	50	–	G6635000	G6635090	G6635010	70	15.0	13.0	10
 	PG									
	09	07	A	G6091002	–	H6091002	19	7.0	7.0	50
	11	09	A	G6111007	–	H6111007	22	8.0	8.0	50
	11	07	B	G6112004	–	–	22	8.0	7.5	50
	13	11	A	G6131005	–	H6131005	24	9.0	10.0	50
	13	09	B	G6132002	–	H6132002	24	9.0	7.5	50
	13	07	B	G6133009	–	–	24	9.0	7.0	50
	16	13	A	G6161002	–	H6161002	27	9.0	10.0	50
	16	11	B	G6162009	–	H6162009	27	9.0	9.0	50
	16	09	B	G6163006	–	H6163006	27	9.0	9.5	50
	21	16	B	G6211004	–	H6211004	32	11.3	9.5	25
	21	13	B	G6212001	–	H6212001	32	11.0	9.5	25
	21	11	B	G6213008	–	H6213008	32	11.0	9.0	25
	29	21	B	G6291006	–	H6291006	41	12.0	11.0	25
	29	16	B	G6292003	–	–	41	12.0	10.0	25
	29	13	B	G6293000	–	–	41	12.0	9.5	25
	36	29	B	G6361006	–	H6361006	50	4.0	13.0	10
	36	21	B	G6362003	–	–	55	14.0	12.0	10
	36	16	B	G6363000	–	–	50	14.0	10.5	10
	42	36	B	G6421007	–	H6421007	55	16.0	15.0	10
	42	29	B	G6422004	–	–	55	16.0	14.0	10
	42	21	B	G6423001	–	–	55	16.0	12.0	10
	48	42	A	G6491000	–	H6491000	60	15.5	17.0	10
	48	36	B	G6492007	–	H6492007	60	16.0	15.0	10
	48	29	B	G6493004	–	–	60	16.0	14.0	10

All dimensions are in millimetres (mm).

ACCESSORIES

Operating temperature:

- -40°C / +100°C (polyamide)
- -30°C / +120°C (polyamide 6 glassfiber 25% reinforced)

Material:

- Polyamide / Polyamide 6 glassfiber 25% reinforced

Colours available:

- RAL 7035
- RAL 7001
- RAL 9005

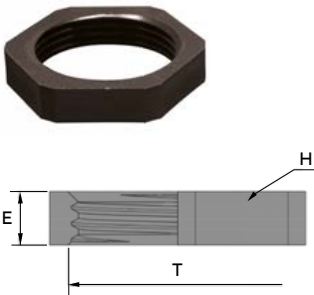
Thread:

Metric / PG / NPT

PLASTIC

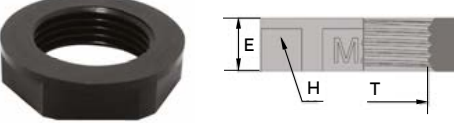
HALOGEN FREE

LOCKNUTS - METRIC / PG / NPT

	Thread T	Part no.			H	E	Pkg. (pcs)
		RAL 7035 ●	RAL 7001 ●	RAL 9005 ●			
	Metric						
	12	G4312010	G4312005	H4312110	19	5.0	50
	16	G4316010	G4316005	H4316110	22	5.0	50
	20	G4320010	G4320005	H4320110	24	5.0	50
	25	G4325010	G4325005	H4325110	30	6.0	50
	32	G4332010	G4332005	H4332110	38	7.5	50
	40	G4340010	G4340005	H4340110	50	8.0	20
	50	G4350010	G4350005	H4350110	60	9.0	10
	63	G4363010	G4363005	H4363110	75	10.0	5
	PG						
07	G4107010	G4107002	H4107002	15	5.0	50	
09	G4109010	G4109006	H4109006	19	5.0	50	
11	G4111010	G4111009	H4111009	22	5.0	50	
13	G4113010	G4113003	H4113003	24	5.0	50	
16	G4116010	G4116004	H4116004	27	6.0	50	
21	G4121010	G4121008	H4121008	32	6.5	25	
29	G4129010	G4129004	H4129004	41	7.5	20	
36	G4136010	G4136100	H4136000	55	8.5	10	
42*	G4142010	G4142000	H4142000	65	9.0	5	
48*	G4149010	G4149000	H4149000	70	9.5	5	
NPT							
3/8" NPT	G4308211	G4308201	G4308221	22	5.0	50	
1/2" NPT	G4312211	G4312201	G4312221	27	6.0	50	
3/4" NPT	G4320211	G4320201	G4320221	36	6.5	25	
1" NPT	G4328211	G4328201	G4328221	41	7.5	20	

* Temperature (polyamide): - 40 °C/ +100 °C.

FLANGE LOCKNUTS - METRIC

	Thread	Part no.		H	E	Pkg. (pcs)
	T	RAL 7035 	RAL 9005 			
	Metric					
	12	G4312500	H4312500	19	6.5	50
	16	G4316500	H4316500	22	6.5	50
	20	G4320500	H4320500	27	7.5	50
	25	G4325500	H4325500	32	7.5	50
	32	G4332500	H4332500	38	7.5	50
	40	G4340500	H4340500	50	8.0	50
	50	G4350500	H4350500	60	9.0	10
63	G4363500	H4363500	75	10.0	5	

Accessories

IP Protection:

- IP68 with sealing

Operating temperature:

- -25°C / +120°C (nitrile)
- -60°C / +160°C (silicone)
- -20°C / +200°C (viton)

Material:

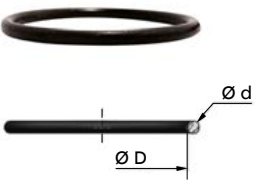
- Nitrile, silicone
- Viton on request

Thread:

Metric / PG / NPT

PLASTIC

O-RINGS - METRIC / PG / GAS

	Thread			Part no.		ØD	Ød
	Metric	PG	Gas	Nitrile ●	Silicone (Sil) ●		
	12	07	1/4"	D9207103	–	11.0	1.5
	12	–	–	–	D9212360	9.0	1.5
	16	09	3/8 "	D9200098	D9216360	13.0	1.5
	–	11	–	D9201095	–	15.0	1.5
	20	13	1/2"	D9217200	D9220360	17.0	1.5
	–	16	5/8"	D9219200	–	19.0	1.5
	–	21	–	D9216105	–	20.4	1.8
	25	–	3/4"	D9222200	D9225360	22.0	1.8
	32	–	1"	D9228200	D9232360	28.0	2.0
	–	29	1"1/8	D9229105	–	34.0	2.0
	40	–	1"1/4	D9237200	D9240360	37.0	2.0
	–	36	1"1/2	D9242200	–	42.0	2.0
	50	–	1"3/4	D9248200	D9250360	48.0	2.0
	–	42	–	D9242104	–	48.0	2.5
	63	48	2"	D9200487	D9263360	55.0	2.5
	75	–	–	D9268200	D9275360	68.0	2.6

All dimensions are in millimetres (mm).

ACCESSORIES

IP Protection:

- IP68 with sealing

Operating temperature:

- -40°C / +100°C (neoprene)
- -60°C / + 160°C (silicone translucent)

Material:

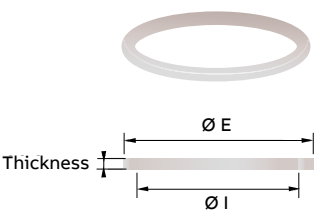
- Neoprene, silicone translucent

Thread:

Metric / PG /
Gas / NPT

PLASTIC

FLAT SEALINGS - METRIC / PG / GAS / NPT

	Part no.					
	Thread T	Neoprene (N) ●	Silicone translucid (Sil)	Ø E	Ø I	Thickness
	Metric					
	12	D9412002	D9412300	15.0	10.0	1.2
	16	D9109001	D9109308	20.0	13.9	1.2
	20	D9420007	D9420300	24.0	18.0	1.2
	25	D9425002	D9425300	30.0	23.0	1.2
	32	D9432000	D9432307	40.0	30.0	1.5
	40	D9440005	D9440300	48.0	38.0	1.5
	50	D9450004	D9450300	58.0	48.0	1.5
	63	D9463004	–	75.0	61.0	1.5
	75	D9475007	–	90.0	72.0	1.5
	Gas					
	1/4"	D9107007	D9107304	17.0	11.3	1.2
	3/8"	D9109001	D9109308	20.0	13.9	1.2
	1/2"	D9113008	D9113305	25.0	19.0	1.2
	5/8"	D9116009	D9116306	27.0	21.0	1.2
	3/4"	D9121003	D9121300	34.0	26.6	1.5
	1"	D9432000	D9432307	40.0	30.0	1.5
	1"1/8	D9129009	D9129306	45.0	35.2	1.5
	1"1/4	D9440005	D9440300	48.0	38.0	1.5
	1"1/2	D9136007	D9136304	56.0	45.2	1.5
	PG					
	07	D9107007	D9107304	17.0	11.3	1.2
	09	D9109001	D9109308	20.0	13.9	1.2
	11	D9111004	D9111301	23.0	17.1	1.2
	13	D9113008	D9113305	25.0	19.0	1.2
	16	D9116009	D9116306	27.0	21.0	1.2
	21	D9121003	D9121300	34.0	26.6	1.5
	29	D9129009	D9129306	45.0	35.2	1.5
	36	D9136007	D9136304	56.0	45.2	1.5
	42	D9142008	D9142305	67.0	52.2	1.5
	NPT					
	3/8"	D9108000	–			
	1/2"	D9113008	D9113305			
	3/4"	D9117000	–			
	1"	D9128000	–			ND
	1"1/4	D9135000	–			
	1"1/2	D9450004	D9450300			
	2"	D9147000	–			

All dimensions are in millimetres (mm).

Accessories

SPECIAL FEATURES

- For dust protection

Operating temperature:

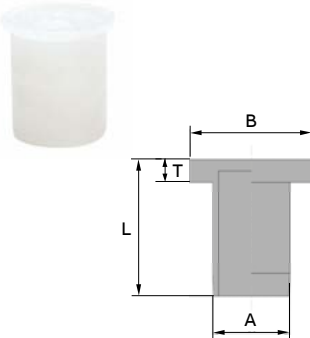
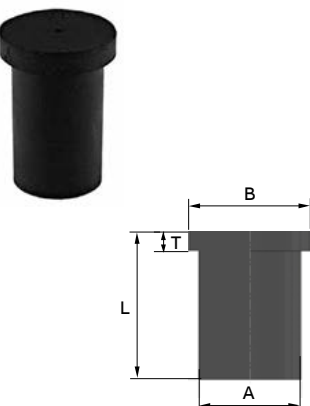
- -40°C / +80°C
(white hard discs)
- -40°C / +130°C
(flat head sealing)

Material:

- Polyethylene
(white hard discs)
- EPDM
(flat head sealing)

PLASTIC

WHITE HARD DISCS & FLAT HEAD SEALING

	Thread			Part no.	A	B	L	Thickness
	M	PG	NPT					T
White hard discs								
	12	07	–	N0607000	6.0	8.0	22.0	2.0
	16 ¹	09	3/8"	N0609000	8.0	12.0	18.0	2.5
	16 ²	11	–	N0611000	10.0	16.0	18.0	3.0
	20 ¹	13	1/2"	N0613000	12.0	18.0	13.0	3.0
	20 ²	16	-	N0616000	14.0	20.0	23.0	2.0
	25 ¹	21	3/4"	N0621000	17.0	20.0	28.0	3.0
	32 ¹	29	1"	N0629000	24.0	28.0	32.0	2.0
	40 ¹	36	–	N0636000	30.0	33.0	22.0	3.0
	50 ¹	42	–	N0642000	39.0	47.0	24.0	2.5
	63	48	–	N0648000	45.0	50.0	22.0	2.5
Flat head sealing								
	–	09	–	Y7217701	8.0	11.0	20.0	3.0
	–	11	–					3.0
	16 ¹	–	–					3.0
	16 ²	–	–					3.0
	–	–	3/8"					3.0
	–	13	–	Y7217702	12.0	15.0	21.0	3.0
	–	16	–					3.0
	20 ¹	–	–					3.0
	20 ²	–	–					3.0
	25 ¹	–	–					3.0
	–	–	1/2"	Y7217703	15.0	18.0	22.0	3.0
	–	21	–					3.0
	25 ²	–	–					3.0
	–	–	–					3.0
	–	–	3/4"					3.0

All dimensions are in millimetres (mm).

ACCESSORIES

SPECIAL FEATURES

- Delivered only separately

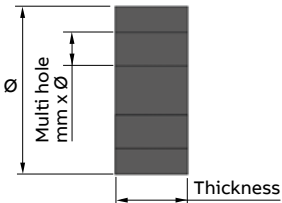
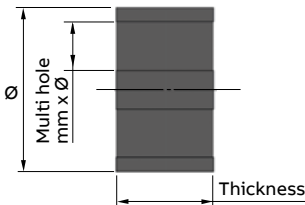
Operating temperature:
-40°C / +135°C

Material:
• Santoprene

PLASTIC

Thread:
Metric / PG / NPT

MULTI-HOLED FLAT SEALING

	Thread			Part no.	Multi Hole mm x Ø	Ø	Thickness
	M	PG	NPT				
	12	07	–	D9812700	4 x 2	8.5	7.5
	16 ^{/2}	11	–	D9816700	2 x 4	13.0	8.5
				D9816800	full		
	20 ^{/2}	16	–	D9820702	2 x 5	17.0	10.0
				D9820700	2 x 6		
				D9820703	3 x 6		
				D9820701	4 x 5		
				D9820800	full		
	25 ^{/2}	21	3/4"	D9825700	2 x 6	22.5	11.5
				D9825704	2 x 8		
				D9825701	3 x 7		
				D9825702	4 x 6,5		
				D9825703	6 x 4		
				D9825800	full		
	–	29	–	D9829700	3 x 11,5	31.5	20.0
				D9829701	3 x 11,5 slit		
	32	29	1"	D9832703	4 x 6	30.5	13.0
				D9832700	4 x 8		
				D9832701	6 x 6		
				D9832702	8 x 4		
			1"	D9832800	full	30.5	13.0
	40	36	–	D9840701	1 x 13.6 + 2 x 11.7	38.5	17.0
				D9840700	4 x 11.7		
	50	42	–	D9850700	2 x 16 + 1 x 11	45.0	17.0
	63	48	–	D9863700	3 x 14	53.0	12.0

N.B. By using this sealing in a SIB-TEC, it is no longer certified.
All dimensions are in millimetres (mm).

Accessories

SPECIAL FEATURES

- Adapted to solid and flexible wires, from 0.2 mm² to 4.0 mm²
- Strip length: 11 mm, 13 mm (UL)
- Possibility to insert solid wires without opening levers (push-in type)
- Max rated voltage 450 V, 600 V (UL) AC/DC, max rated current 32 A, 30 A (UL)
- Wiring capacity: AWG 24-12 Cu (UL)
- With test point on back side

Operating temperature:

- Max continuous service temperature: 85°C
- Max continuous service temperature UL: -20°C to 100°C

Material:

- Terminal bloc: Transparent polycarbonate
- Levers: White polyamide UL94 V2

Certification:

- NF EN 60998-1
- NF EN 60998-2-2 UL listed, certificate no. 20170224-E332489

PLASTIC

SCREWLESS CONNECTORS - 2, 3, 5 & 8 WIRES



	Part Number	Designation	Dimensions (W x D x H in mm)	Pkg. (pcs)
	Standard (0.2 to 4.0 mm²)			
	P07312	2 WIRE CONNECTOR	13 x 21 x 11	100
	P07313	3 WIRE CONNECTOR	19 x 21 x 11	50
	P07315	5 WIRE CONNECTOR	30 x 21 x 11	25
	UL (0.2 to 4.0 mm²; AWG 24-12 Cu)			
	P07302	2 WIRE CONNECTOR	13 x 21 x 11	100
	P07303	3 WIRE CONNECTOR	19 x 21 x 11	50
	P07305	5 WIRE CONNECTOR	30 x 21 x 11	25
	Mini (0.2 to 2.5 mm²)			
	P07402	2 WIRE CONNECTOR	11 x 17 x 9	120
	P07403	3 WIRE CONNECTOR	15 x 17 x 9	100
	P07405	5 WIRE CONNECTOR	24 x 17 x 9	50
	P07408	8 WIRE CONNECTOR	38 x 17 x 9	25



Complies with UL 486C.

INDUSTRIAL CABLE GLANDS

Standard brass cable glands & accessories

INDUSTRIAL CABLE GLANDS (STANDARD BRASS)



Type	SIB-TEC	WADI-MAX	WADI-TEC GSE ECEA	WADI-TEC Flat cable	WADI-TEC DUPLO
Characteristics					
Brass	●	●	●	●	●
Universal with lamellas	●	–	–	–	–
Universal heavy duty	–	●	–	–	–
For non-armoured cables	●	●	–	–	–
For flat cables	–	–	–	●	–
For round cables	–	–	●	–	●
Modular	–	●	●	●	●
Page	36	38	39	40	41

APPROVALS / STANDARDS



ACCESSORIES (BRASS)



Type	Hexagonal plugs	Round plugs	Enlargers	Hexagonal reducers	Notched reducers
Characteristics					
Brass	●	●	●	●	●
EMC tested	–	–	–	–	–
Aluminium 6060 + Copper (bi-metal washers)	–	–	–	–	–
Page	70	71	72	73	74

STANDARD BRASS

Industrial
characteristics



STANDARD	BOULAY®
●	●
-	-
-	-
●	●
-	-
-	●
-	-
44	45



Hexagonal adaptors	Notched adaptors	Locknuts	Earthing locknuts	Ground terminals	Screws + bi-metal washers
●	●	●	●	●	●
-	-	-	●	-	-
-	-	-	-	-	●
75	77	78	79	79	79

SIB-TEC

Standard brass cable glands

A range of IP66/68 Metric/PG/NPT thread, standard brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Reduced sealing available
- O-ring included

IP Protection:

- IP66 / 68

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Insert: Polyamide 6

Certification:

- IEC 62 444
- VDE: 40048931
- DNV: TAE00004KD

Accessories:

See pages 70-79



Sealing

RED: reduced sealing available.



O-ring

included.

Thread:

Metric / PG / NPT



SIB-TEC CABLE GLANDS - METRIC / PG / NPT



Thread T	Part no.	Overall cable diameter D				H	E	L	Pkg. (pcs)
		(mm)		(inch)					
		Min	Max	Min	Max				
Metric									
12	C5212000	2.5	6.5	0.098	0.256	14	5.0	20.0	50
16	C5216000	4.0	9.5	0.157	0.374	17	5.0	23.0	50
20	C5220000	7.0	13.0	0.276	0.512	22	6.0	26.0	50
20	C5220500	6.0	12.0	0.236	0.472	22	6.0	26.0	50
25	C5225000	8.0	16.0	0.315	0.630	27	7.0	28.0	25
25	C5225500	9.0	17.0	0.354	0.669	27	7.0	28.0	25
32	C5232000	11.0	21.0	0.433	0.827	34	8.0	30.0	20
40	C5240000	15.0	27.0	0.591	1.063	42	8.0	33.0	10
40	C5240500	16.0	28.0	0.630	1.102	42	8.0	33.0	10
50	C5250000	22.0	35.0	0.866	1.378	55	9.0	37.0	5
63	C5263000	35.0	48.0	1.378	1.890	65	10.0	44.0	5
Metric RED (reduced sealing)									
12	C5212040	1.5	5.0	0.059	0.197	14	5.0	20.0	50
16	C5216040	2.5	7.0	0.098	0.276	17	5.0	23.0	50
20	C5220040	4.0	10.0	0.157	0.394	22	6.0	26.0	50
25	C5225040	5.0	13.0	0.197	0.512	27	7.0	28.0	25
32	C5232040	7.0	17.0	0.276	0.669	34	8.0	30.0	20
40	C5240040	10.0	22.0	0.394	0.866	42	8.0	33.0	10
50	C5250040	17.0	29.0	0.669	1.142	55	9.0	37.0	5
63	C5263040	28.0	40.0	1.102	1.575	65	10.0	44.0	5

All dimensions are in millimetres (mm).

Thread T	Part no.	E	Pkg. (pcs)
Metric Long			
12	C5312000	15.0	50
16	C5316000	15.0	50
20	C5320000	15.0	50
20	—	—	—
25	C5325000	15.0	25
25	—	—	—
32	C5332000	15.0	20
40	C5340000	15.0	10
40	—	—	—
50	C5350000	15.0	5
63	C5363000	15.0	5
Metric Long RED (reduced sealing)			
12	C5312040	15.0	50
16	C5316040	15.0	50
20	C5320040	15.0	50
25	C5325040	15.0	25
32	C5332040	15.0	20
40	C5340040	15.0	10
50	C5350040	15.0	5
63	C5363040	15.0	5

SIB-TEC cable glands

Standard brass cable glands



SIB-TEC CABLE GLANDS - PG / NPT



Thread T	Part no.	Overall cable diameter D				H	E	L	Pkg. (pcs)
		(mm)		(inch)					
		Min	Max	Min	Max				
PG									
07	C5007000	2.5	6.5	0.098	0.256	14	5.0	20.0	50
09	C5009000	4.0	9.5	0.157	0.374	17	6.0	23.0	50
11	C5011000	6.0	11.5	0.236	0.453	20	6.0	24.0	50
13	C5013000	7.0	13.0	0.276	0.512	22	6.5	26.0	50
16	C5016000	8.0	15.0	0.315	0.591	24	6.5	27.5	50
21	C5021000	11.0	19.0	0.433	0.748	30	7.0	28.0	20
29	C5029000	16.0	26.0	0.630	1.024	40	8.0	30.0	20
36	C5036000	22.0	34.5	0.866	1.358	50	9.0	38.0	10
42	C5042000	27.0	40.0	1.063	1.575	58	10.0	40.0	5
48 DIN	C5049000	35.0	48.0	1.378	1.890	65	10.0	44.0	5
PG RED (reduced sealing)									
07	C5007400	1.5	5.0	0.059	0.197	14	5.0	20.0	50
09	C5009400	2.5	7.0	0.098	0.276	17	6.0	23.0	50
11	C5011400	3.0	8.5	0.118	0.335	20	6.0	24.0	50
13	C5013400	4.0	10.0	0.157	0.394	22	6.5	26.0	50
16	C5016400	5.0	12.0	0.197	0.472	24	6.5	27.5	50
21	C5021400	8.0	16.0	0.315	0.630	30	7.0	28.0	20
29	C5029400	11.0	21.0	0.433	0.827	40	8.0	30.0	20
36	C5036400	16.0	28.0	0.630	1.102	50	9.0	38.0	10
42	C5042400	22.0	34.0	0.866	1.339	58	10.0	40.0	5
48 DIN	C5049400	28.0	40.0	1.102	1.575	65	10.0	44.0	5
NPT									
3/8"	C5408000	4,0	9,5	0,157	0,374	17	15,0	23,0	50
1/2"	C5412000	7,0	13,0	0,276	0,512	22	20,0	26,0	50
3/4"	C5420000	8,0	16,0	0,315	0,630	27	20,0	28,0	20
1"	C5428000	11,0	21,0	0,433	0,827	34	25,0	30,0	20
NPT RED (reduced sealing)									
3/8"	C5408400	2,5	7,0	0,098	0,276	17	15,0	23,0	50
1/2"	C5412400	4,0	10,0	0,157	0,394	22	20,0	26,0	50
3/4"	C5420400	5,0	13,0	0,197	0,512	27	20,0	28,0	20
1"	C5428400	7,0	17,0	0,276	0,669	34	25,0	30,0	20

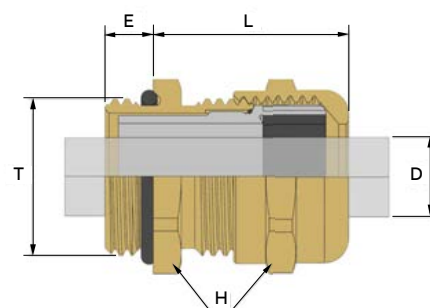
All dimensions are in millimetres (mm).

PG Long

Thread T	Part no.	E	Pkg. (pcs)
07	C5107000	15.0	50
09	C5109000	15.0	50
11	C5111000	15.0	50
13	C5113000	15.0	50
16	C5116000	15.0	50
21	C5121000	15.0	20
29	C5129000	15.0	20
36	C5136000	15.0	10
42	C5142000	15.0	5
48 DIN	C5149000	15.0	5

PG Long RED (reduced sealing)

Thread T	Part no.	E	Pkg. (pcs)
07	C5107400	15.0	50
09	C5109400	15.0	50
11	C5111400	15.0	50
13	C5113400	15.0	50
16	C5116400	15.0	50
21	C5121400	15.0	20
29	C5129400	15.0	20
36	C5136400	15.0	10
42	C5142400	15.0	5
48 DIN	C5149400	15.0	5



WADI-MAX

Standard brass cable glands

A range of IP68/69 Metric thread, standard brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- M72 thread available
- Large range (M12 to M110)
- Extra-large clamping range (from 4 to 89 mm)
- Increased strain relief
- O-ring on entry thread
- Anti-twisting ring
- Viton: Hydrocarbons, oil, acid resistant

IP Protection:

- IP68 / 69

Operating temperature:

- -40°C / +120°C (neoprene)
- -60°C / +160°C (silicone)
- -20°C / +200°C (viton)

Thread:

Metric from M12 to M110 (other thread on request)

Material:

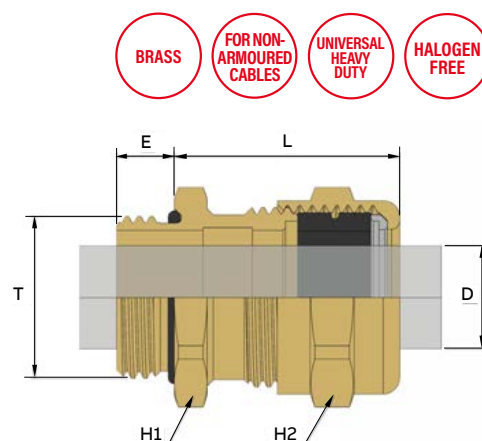
- Nickel-plated brass
- Brass (on request)
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Anti-twisting ring: Polyamide

Certification:

- IEC 62 444

Accessories:

See pages 70-79



WADI-MAX CABLE GLANDS - METRIC



Thread T	Part no.			Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
	Neoprene	Viton (V)	Silicone (Sil)	Min	Max					
Metric										
12	C1504112	ON REQUEST		4,0	8,0	17	17	7,0	28,0	25
16	C1504116			4,0	8,0	20	17	7,0	28,0	25
16	C1505116			7,0	12,0	20	20	7,0	26,0	25
20	C1506120			9,0	16,0	24	24	7,0	27,0	25
25	C1506125			9,0	16,0	30	24	8,0	27,0	10
25	C1507125			13,0	20,5	30	30	8,0	30,0	10
32	C1507133			13,0	21,0	36	30	8,5	30,0	5
32	C1508132			16,0	27,0	40	40	8,5	39,0	5
40	C1509140			21,0	34,0	48	48	8,5	42,0	5
50	C1510150			28,0	41,0	55	55	9,5	46,0	5
63	C1511163			34,0	47,5	68	64	10,5	47,0	5
63	C1512163			42,0	53,0	70	70	10,5	50,0	5
72 X 200	C1513172			48,0	65,0	85	85	11,5	62,0	1
75	C1513175			48,0	65,0	85	85	11,5	62,0	1
80 X 200	C1514180			55,0	71,0	95	95	12,0	65,0	1
90 X 200	C1515190			65,0	79,0	110	110	12,0	70,0	1
100 X 200	C1516199			74,0	89,0	120	120	12,0	71,0	1
110 X 200	C1517110		74,0	89,0	120	120	12,0	71,0	1	

All dimensions are in millimetres (mm).

WADI-TEC GSE ECEA METAL

Standard brass cable glands

A range of IP68 Metric/PG thread, standard brass cable glands for round cables.

SPECIAL FEATURES

- ECEA variant for increased strain relief
- Sealing open on request

IP Protection:

- IP68

Operating temperature:

-30°C / +120°C

Thread:

Metric / PG

Material:

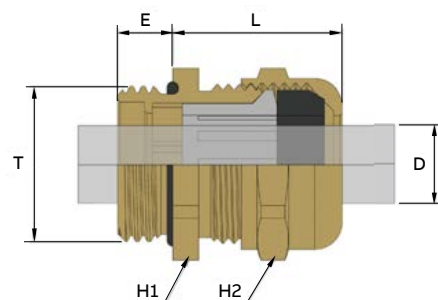
- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: TPE
- O-ring: Nitrile
- Insert: Polycarbonate

Certification:

- IEC 62 444

Accessories:

See pages 70-79



WADI-TEC GSE ECEA METAL CABLE GLANDS - METRIC / PG



Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)	Locknuts
		Min	Max						
Metric									
12	R0321200	3.0	6.0	14	14	7.0	20.0	50	D4312109
16 ¹	R0321640	3.0	6.0	17	14	7.0	20.0	50	D4316107
16 ²	R0321600	5.0	8.0	17	17	7.0	20.0	50	D4316104
20 ¹	R0322040	6.0	10.0	22	20	7.0	21.0	50	D4320104
20 ²	R0322000	8.0	12.0	22	22	7.0	22.0	50	D4320104
25 ¹	R0322540	9.5	14.0	26	24	8.0	23.0	20	D4325109
25 ²	R0322500	11.5	18.0	30	30	8.0	29.0	20	D4325109
32 ¹	R0323240	11.5	18.0	33	30	8.5	29.5	20	D4332107
32 ²	R0323200	15.0	24.0	40	40	8.5	36.5	20	D4332107
40	R0324040	15.0	24.0	42	40	8.5	36.5	20	D4340102
50	R0325040	23.0	30.0	55	50	9.5	41.5	10	D4350101
63	R0326340	26.0	35.0	70	58	10.5	47.5	5	D4363101
PG									
07	R0300700	3.0	6.0	14	14	5.0	19.0	50	D4007104
09	R0300900	5.0	8.0	17	17	6.0	19.0	50	D4009108
11	R0301100	6.0	10.0	20	20	6.0	20.0	50	D4011101
13	R0301300	8.0	12.0	22	22	6.5	21.5	50	D4013105
16	R0301600	9.5	14.0	24	24	6.5	23.5	50	D4016106
21	R0302100	11.5	18.0	30	30	7.0	28.0	20	D4021100
29	R0302900	15.0	24.0	40	40	8.0	35.0	20	D4029106
36	R0303600	23.0	30.0	50	50	9.0	41.0	10	D4036104
42	R0304200	26.0	35.0	58	58	10.0	47.0	5	D4042105
48	R0304900	35.0	40.0	64	64	10.0	49.0	5	D4049104

All dimensions are in millimetres (mm).

WADI-TEC FLAT CABLE

Standard brass cable glands

A range of IP68 Metric thread, standard brass cable glands with seal for flat cables and AS-i BUS.

SPECIAL FEATURES

- Allows the passage of several cables with seal for flat cables, rounded, oval or rectangular shape
- O-ring

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass
- Stainless steel
- 316L-1.4404-V4A on request
- Seal: TPE
- O-ring: Nitrile

Certification:

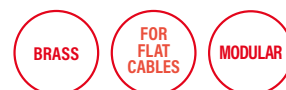
- IEC 62 444

Accessories:

See pages 70-79

Thread:

Metric



WADI-TEC CABLE GLANDS - METRIC / PG

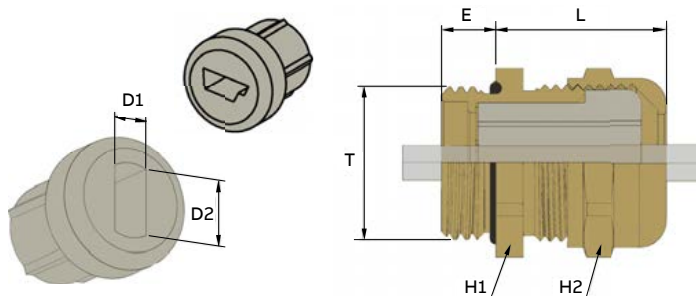


Thread T	Part no.	D1 x D2	H1	H2	E	L	Type of set	Pkg. (pcs)
Metric								
16	R0621600	3,5 x 5,5	17	17	7,0	20,0	rounded	50
20	R0622020	5,0 x 11,0	22	22	7,0	22,0	rounded	50
25	R0622500	5,0 x 12,0	24	26	8,0	23,0	rounded	20
25	R0622545	7,0 x 14,0	24	26	8,0	23,0	oval	20
25	R0622505	7,5 x 14,0	24	26	8,0	23,0	rounded	20
25	R0622520	7,0 x 18,0	30	30	8,0	29,0	rounded	20
25	R0622550	5,0 x 15,0	30	30	8,0	29,0	oval	20
25	R0622560	6,0 x 15,0	30	30	8,0	29,0	oval	20
25	R0622575	4,0 x 15,0	30	30	8,0	29,0	rectangular	20
32	R0623200	8,0 x 25,0	40	40	8,5	29,5	rounded	20
32	R0623210	7,0 x 20,0	40	40	8,5	29,5	oval	20

All dimensions are in millimetres (mm).

WADI-TEC CABLE AS-I BUS

Thread T	Part no.	E	L	Pkg. (pcs)
AS-i BUS				
M20	R1622000	7.0	29.0	50
PG13	R1601300	6.5	28.5	50



WADI-TEC DUPLO

Standard brass cable glands

A range of IP68 Metric/PG thread, standard plastic cable glands with multi-holed sealing close, for use with round cables.

SPECIAL FEATURES

- Allows the passage of several cables
- O-ring
- Sealing close

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Thread:

Metric / PG

Sealing close:

Multi-hole options available:

Material:

- Nickel-plated brass
- Stainless steel
- 316L-1.4404-V4A on request
- Seal : TPE
- O-ring: Nitrile

Certification:

- IEC 62 444

Accessories:

See pages 70-79



WADI-TEC CABLE GLANDS - PG



Thread T	Part no.	Number of entries	Ø of passage D	H1	H2	E	L	Pkg. (pcs)
PG								
07	R0700701	1	5,0	14	14	5,0	19,0	50
09	R0700900	1	5,0	17	17	6,0	19,0	50
09	R0700902	2	3,0	17	17	6,0	19,0	50
09	R0700903	2	3,5	17	17	6,0	19,0	50
09	R0700905	3	3,0	17	17	6,0	19,0	50
09	R0700906	4	3,0	20	20	6,0	20,0	50
09	R0700907	4	4,0	20	20	6,0	20,0	50
11	R0701113	2	5,0	20	20	6,0	20,0	50
11	R0701114	2	6,0	20	20	6,5	23,5	50
11	R0701106	3	3,0	20	20	6,0	20,0	50
11	R0701115	3	5,0	22	22	6,5	23,5	50
11	R0701110	4	3,5	20	20	6,0	20,0	50
11	R0701111	6	2,0	20	20	6,0	20,0	50
13	R0701300	2	6,0	22	22	6,5	21,5	50
13	R0701307	3	6,0	24	24	6,5	23,5	50
13	R0701308	4	3,0	22	22	6,5	21,5	50
13	R0701311	4	5,0	24	24	6,5	23,5	50
13	R0701312	6	3,5	22	22	6,5	21,5	50
16	R0701603	2	5,0	24	24	6,5	23,5	50
16	R0701604	2	6,0	24	24	6,5	23,5	50
16	R0701600	2	7,0	24	24	6,5	23,5	50
16	R0701605	2	8,0	30	30	7,0	28,0	50
16	R0701606	2	9,0	30	30	7,0	23,0	50
16	R0701608	3	4,0	24	24	6,5	23,5	50
16	R0701612	4	4,0	24	24	6,5	23,5	50
16	R0701614	5	4,0	24	24	6,5	23,5	50

Version Ex e available on request.
All dimensions are in millimetres (mm).

Continued on page 46.

WADI-TEC DUPLO

Standard brass cable glands



WADI-TEC CABLE GLANDS - PG / METRIC

Thread T	Part no.	Number of entries	Ø of passage D	H1	H2	E	L	Pkg. (pcs)
PG								
21	R0702107	2	8,0	30	30	7,0	28,0	20
21	R0702110	2	11,0	40	40	7,0	36,0	20
21	R0702105	3	7,0	30	30	7,0	28,0	20
21	R0702102	3	8,0	30	30	7,0	28,0	20
21	R0702100	4	6,0	30	30	7,0	28,0	20
21	R0702114	5	5,0	30	30	7,0	28,0	20
21	R0702103	5	6,5	30	30	7,0	28,0	20
21	R0702104	8	5,0	30	30	7,0	28,0	20
29	R0702909	2	11,0	40	40	8,0	35,0	20
29	R0702910	2	12,0	40	40	8,0	35,0	20
29	R0702911	3	9,0	40	40	8,0	35,0	20
29	R0702912	3	11,0	40	40	8,0	35,0	20
29	R0702900	4	8,0	40	40	8,0	35,0	20
29	R0702913	4	9,0	40	40	8,0	35,0	20
29	R0702902	7	6,0	40	40	8,0	35,0	20
29	R0702907	11	5,0	40	40	8,0	35,0	20
Metric								
16	R0721601	2	3,0	17	17	7,0	20,0	50
16	R0721603	2	4,0	17	17	7,0	20,0	50
16	R0721604	3	3,0	17	17	7,0	20,0	50
20	R0722000	2	2,3	20	22	7,0	21,0	50
20	R0722001	2	3,0	22	22	7,0	22,0	50
20	R0722003	2	4,0	20	22	7,0	21,0	50
20	R0722004	2	5,0	22	22	7,0	22,0	50
20	R0722005	2	6,0	22	22	7,0	22,0	50
20	R0722009	3	4,0	22	22	7,0	22,0	50
20	R0722010	3	5,3	22	22	7,0	22,0	50
20	R0722012	4	1,5	20	22	7,0	21,0	50
20	R0722013	4	3,0	22	22	7,0	22,0	50
20	R0722014	4	3,5	20	22	7,0	21,0	50
20	R0722015	4	4,0	22	22	7,0	22,0	50
20	R0722016	6	2,0	20	22	7,0	21,0	50
20	R0722017	6	2,5	20	22	7,0	21,0	50
20	R0722018	6	3,5	22	22	7,0	22,0	50
20	R0722019	10	2,0	22	22	7,0	22,0	50
25	R0722501	2	4,5	30	30	8,0	29,0	20
25	R0722502	2	5,0	24	26	8,0	23,0	20
25	R0722503	2	6,0	24	26	8,0	23,0	20
25	R0722504	2	7,0	24	26	8,0	23,0	20
25	R0722505	2	8,0	30	30	8,0	29,0	20
25	R0722507	3	4,0	24	26	8,0	23,0	20
25	R0722508	3	5,0	24	26	8,0	23,0	20
25	R0722509	3	5,6	24	26	8,0	23,0	20
25	R0722510	3	6,0	24	26	8,0	23,0	20
25	R0722511	3	7,0	30	30	8,0	29,0	25

Version Ex e available on request.
All dimensions are in millimetres (mm)

WADI-TEC DUPLO cable glands

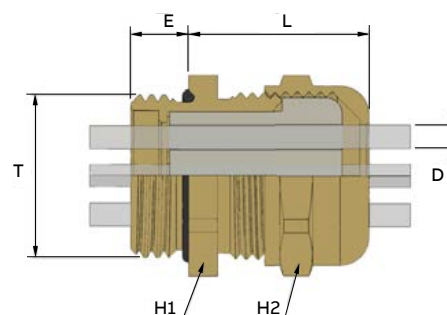
Standard brass cable glands



WADI-TEC DUPLO CABLE GLANDS - METRIC

Thread T	Part no.	Number of entries	Ø of passage D	H1	H2	E	L	Pkg. (pcs)
Metric								
25	R0722512	3	8,0	30	30	8,0	29,0	25
25	R0722513	4	4,0	24	26	8,0	23,0	20
25	R0722514	4	5,0	30	30	8,0	29,0	20
25	R0722515	4	6,0	30	30	8,0	29,0	20
25	R0722517	5	5,0	30	30	8,0	29,0	20
25	R0722518	5	6,0	30	30	8,0	29,0	20
25	R0722519	5	6,5	30	30	8,0	29,0	20
25	R0722520	6	4,0	30	30	8,0	29,0	20
25	R0722521	6	5,0	30	30	8,0	29,0	20
25	R0722522	8	4,0	30	30	8,0	29,0	20
25	R0722523	8	5,0	30	30	8,0	29,0	20
32	R0723201	2	8,0	30	33	8,5	36,5	20
32	R0723202	2	9,0	40	40	8,5	36,5	20
32	R0723203	2	11,0	40	40	8,5	36,5	20
32	R0723204	2	12,0	40	40	8,5	36,5	20
32	R0723205	3	7,0	30	33	8,5	29,5	20
32	R0723206	3	8,0	30	33	8,5	29,5	20
32	R0723207	3	9,0	40	40	8,5	36,5	20
32	R0723208	3	11,0	40	40	8,5	36,5	20
32	R0723209	4	5,0	30	33	8,5	29,5	20
32	R0723211	4	8,0	40	40	8,5	36,5	20
32	R0723212	4	9,0	40	40	8,5	36,5	20
32	R0723213	4	10,0	40	40	8,5	36,5	20
32	R0723215	5	6,0	30	33	8,5	29,5	20
32	R0723216	5	6,5	30	33	8,5	29,5	20
32	R0723218	6	5,0	30	33	8,5	29,5	20
32	R0723219	6	6,0	40	40	8,5	36,5	20
32	R0723220	6	6,5	40	40	8,5	36,5	20
32	R0723221	6	7,0	40	40	8,5	36,5	20
32	R0723222	7	6,0	40	40	8,5	36,5	20
32	R0723223	7	7,0	40	40	8,5	36,5	20
32	R0723226	8	6,0	40	40	8,5	36,5	20

Version Ex e available on request.
All dimensions are in millimetres (mm)



STANDARD

Standard brass cable glands

A range of IP65 Metric/PG thread, standard brass cable glands with peelable sealing.

SPECIAL FEATURES

- For application in installation sectors without special requirements

IP Protection:

- IP65

Thread:

Metric / PG
(Long thread on request)

Operating temperature:

- 25°C / +100°C (neoprene)
- 40°C / +60°C (rubber)

Material:

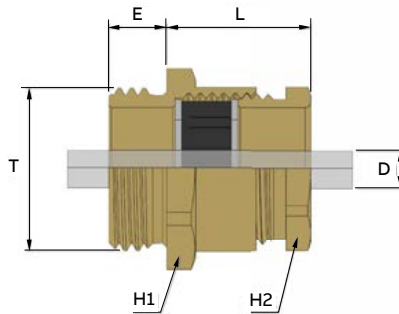
- Nickel-plated brass
- Peelable sealing: Neoprene
- Galvanized steel washer

Accessories:

See pages 70-79



Sealing
Peelable sealing.



STANDARD CABLE GLANDS - METRIC / PG



Thread (T)	Part no.	Overall cable diameter D				H1	H2	E	L	Pkg. (pcs)
		(mm)		(inch)						
		Min	Max	Min	Max					
Metric										
12	C8712500	4.0	6.0	0.157	0.236	14	13	7.0	16.0	50
16	C8716500	4.0	9.5	0.157	0.374	18	15	7.0	18.0	50
20	C8720500	4.0	11.5	0.157	0.453	22	18	7.0	18.0	50
20	C8721500	6.0	13.0	0.236	0.512	22	20	7.0	21.0	50
25	C8725500	6.0	15.0	0.236	0.591	27	22	8.0	21.0	25
32	C8732500	9.0	20.0	0.354	0.787	34	28	8.5	23.5	25
40	C8740500	15.0	27.0	0.591	1.063	42	37	8.5	25.5	10
50	C8750500	21.0	33.0	0.827	1.299	52	47	9.5	30.5	5
63	C8763500	27.0	40.0	1.063	1.575	65	54	10.5	34.5	5
75	C8775500	34.0	45.0	1.339	1.772	80	60	11.5	36.5	1
PG										
09	C8009500	2.0	9.0	0.079	0.354	17	15	6.0	17.0	50
11	C8011503	4.0	11.0	0.157	0.433	20	18	6.0	17.0	50
13	C8013507	4.5	12.0	0.177	0.472	22	20	6.5	19.5	50
16	C8016508	5.5	14.5	0.217	0.571	24	22	6.5	20.5	50
21	C8021502	8.0	19.0	0.315	0.748	30	28	7.0	23.0	20
29	C8029508	12.0	27.0	0.472	1.063	40	37	8.0	25.0	10
36	C8036506	22.0	33.0	0.866	1.299	50	47	9.0	31.0	10
42	C8042507	25.0	40.0	0.984	1.575	57	54	10.0	34.0	5
48	C8049506	30.0	45.0	1.181	1.772	64	60	10.0	36.0	5

All dimensions are in millimetres (mm).

BOULAY®

Standard brass cable glands

A range of IP65 Metric/PG thread, standard brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Short thread
- Long thread on request

IP Protection:

- IP65

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass
- Seal: TPE
- Galvanized steel washer

Thread:

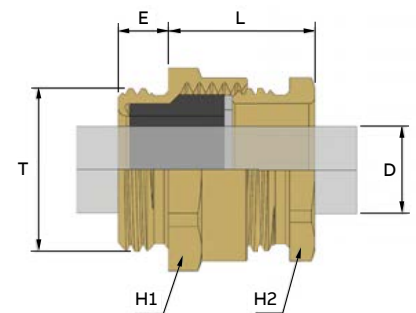
Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 70-79



BRASS

FOR NON-ARMURED CABLES

BOULAY® CABLE GLANDS - METRIC / PG



Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
		Min	Max					
Metric								
12	C1212000	3.0	6.0	14	13	5.0	13.0	50
16	C1216000	4.5	9.0	18	16	6.0	15.5	50
20	C1220000	8.0	13.0	22	20	6.0	17.5	50
25	C1225000	11.0	17.0	27	25	7.0	17.5	50
32	C1232000	16.0	23.0	34	32	7.0	17.5	20
40	C1240000	20.0	29.0	42	40	8.0	24.0	20
50	C1250000	28.0	38.0	52	50	10.0	25.0	5
63	C1263000	37.0	50.0	65	64	12.0	32.0	5
PG								
07	C0007108	3.0	6.0	14	13	5.0	14.0	50
09	C0009102	6.5	8.5	17	15	5.0	11.0	50
11	C0011105	8.0	11.0	20	18	6.0	12.0	50
13	C0013109	9.5	12.0	22	20	6.0	13.0	50
16	C0016100	10.0	14.0	24	22	6.0	15.0	50
21	C0021104	13.0	19.0	30	28	7.0	17.0	20
29	C0029100	17.0	24.0	39	37	8.0	21.0	20
36	C0036108	24.0	32.0	50	47	8.0	23.0	10
42	C0042109	30.0	37.0	58	54	10.0	25.0	5
48	C0048101	36.0	43.0	65	60	10.0	28.0	5

All dimensions are in millimetres (mm).

INDUSTRIAL CABLE GLANDS

EMC Brass cable glands & accessories

INDUSTRIAL CABLE GLANDS (EMC BRASS)



Type	SIB-TEC	SIB-TEC EMC CAGE 360°	SIB-TEC METAL LF	SIB-TEC UL	WADI-MAX EMC
Characteristics					
Brass	●	●	●	●	●
Universal with lamellas	●	●	●	●	–
Universal heavy duty	–	–	–	–	●
For non-armoured cables	●	●	●	●	●
For armoured cables SWB	●	●	●	●	–
For flat cables	–	–	–	–	–
Brass lead free	–	–	●	–	–
Modular	–	–	–	–	●
EMC	●	●	●	●	●
Page	48	50	51	52	54

APPROVALS / STANDARDS



ACCESSORIES (BRASS)



Type	Hexagonal plugs	Round plugs	Enlargers	Hexagonal reducers	Notched reducers
Characteristics					
Brass	●	●	●	●	●
EMC tested	–	–	–	–	–
Aluminium 6060 + Copper (bi-metal washers)	–	–	–	–	–
Page	70	71	72	73	74

EMC BRASS

Industrial
characteristics

BRASS

UNIVERSAL
WITH
LAMELLAS

UNIVERSAL
HEAVY
DUTY

FOR NON-
ARMOURED
CABLES

FOR
ARMOURED
CABLES
SWB

FOR
FLAT
CABLES

BRASS
LEAD
FREE

MODULAR

EMC



WADI-TEC EMC 360°	S-CW	S-E1W
●	●	●
-	-	-
-	●	●
-	-	-
●	●	●
●	-	-
-	-	-
-	-	-
●	●	●
55	56	58



Hexagonal adaptors	Notched adaptors	Locknuts	Earthing locknuts	Ground terminals	Screws + bi-metal washers
●	●	●	●	●	●
-	-	-	●	-	-
-	-	-	-	-	●
75	77	78	79	79	79

SIB-TEC

EMC Brass cable glands

A range of IP66/68 Metric/PG thread, EMC brass cable glands for use with non-armoured and SWB cables.

SPECIAL FEATURES

- For single wire braid (SWB)
- Reduced sealing available
- O-ring included

IP Protection:

- IP66 / 68

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Insert: Polyamide 6

Certification:

- IEC 62 444
- VDE: 40048931
- DNV: TAE00004KD

Accessories:

See pages 70-79

Thread:

Metric / PG



Sealing

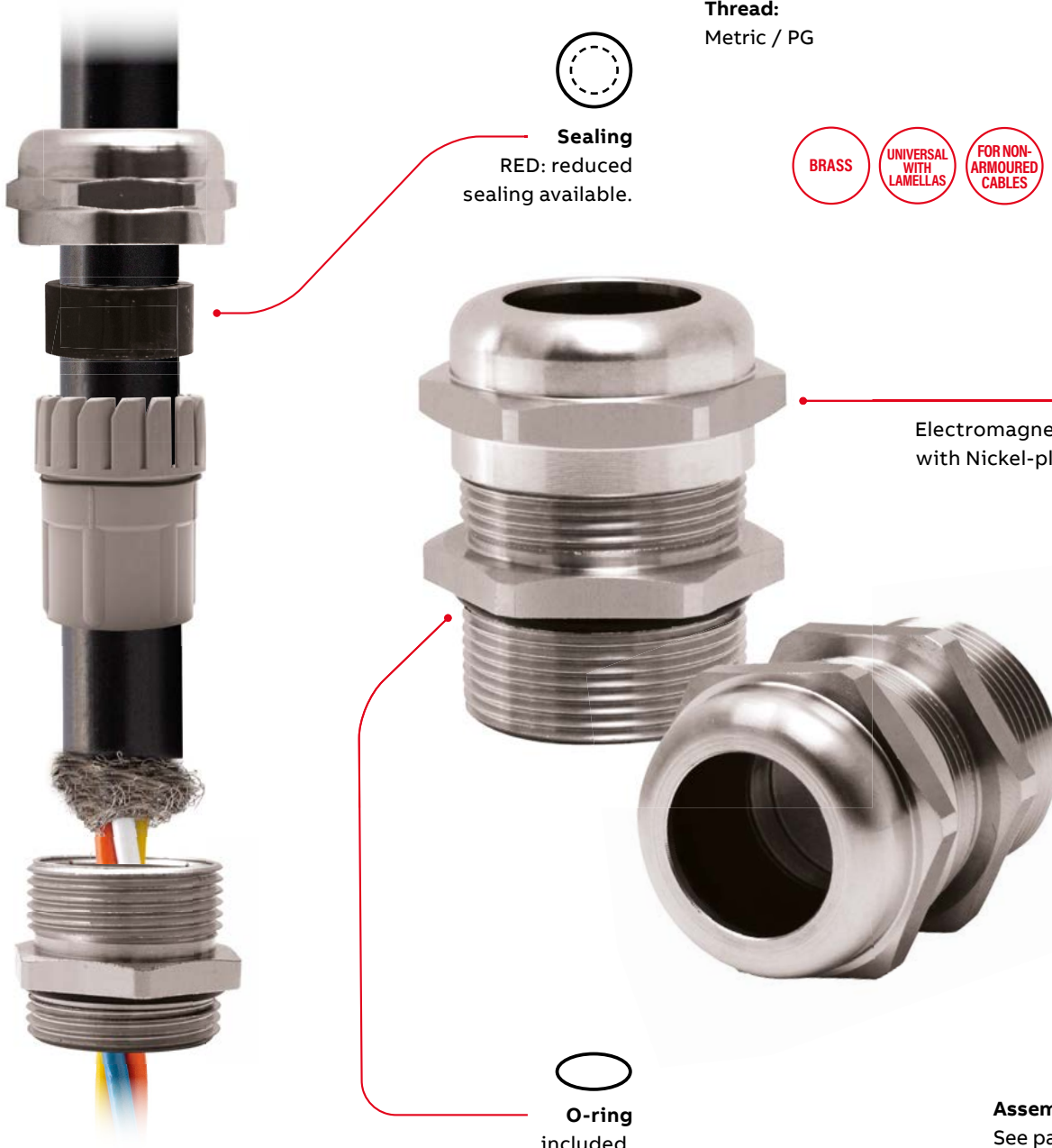
RED: reduced sealing available.



EMC

EMC

Electromagnetic compatibility with Nickel-plated brass body.



O-ring included.

Assembly instructions:

See page 92

SIB-TEC cable glands

EMC Brass cable glands



SIB-TEC CABLE GLANDS - METRIC / PG

Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
12	C5212100	2.5	6.5	14	5.0	20.0	50
16	C5216100	4.0	9.5	17	5.0	23.0	50
20	C5220100	7.0	13.0	22	6.0	26.0	50
25	C5225100	8.0	16.0	27	7.0	28.0	25
32	C5232100	11.0	21.0	34	8.0	30.0	20
40	C5240100	15.0	27.0	42	8.0	33.0	10
50	C5250100	22.0	35.0	55	9.0	37.0	5
63	C5263100	35.0	48.0	65	10.0	44.0	5

Metric RED (reduced sealing)

12	C5212140	1.5	5.0	14	5.0	20.0	50
16	C5216140	2.5	7.0	17	5.0	23.0	50
20	C5220140	4.0	10.0	22	6.0	26.0	50
25	C5225140	5.0	13.0	27	7.0	28.0	25
32	C5232140	7.0	17.0	34	8.0	30.0	20
40	C5240140	10.0	22.0	42	8.0	33.0	10
50	C5250140	17.0	29.0	55	9.0	37.0	5
63	C5263140	28.0	40.0	65	10.0	44.0	5

PG

07	C5007100	2.5	6.5	14	5.0	20.0	50
09	C5009100	4.0	9.5	17	6.0	23.0	50
11	C5011100	6.0	11.5	20	6.0	24.0	50
13	C5013100	7.0	13.0	22	6.5	26.0	50
16	C5016100	8.0	15.0	24	6.5	27.5	50
21	C5021100	11.0	19.0	30	7.0	28.0	20
29	C5029100	16.0	26.0	40	8.0	30.0	20
36	C5036100	22.0	34.5	50	9.0	38.0	20
42	C5042100	27.0	40.0	58	10.0	40.0	5
48 DIN	C5049100	35.0	48.0	65	10.0	44.0	5

PG RED (reduced sealing)

07	C5007140	1.5	5.0	14	5.0	20.0	50
09	C5009140	2.5	7.0	17	6.0	23.0	50
11	C5011140	3.0	8.5	20	6.0	24.0	50
13	C5013140	4.0	10.0	22	6.5	26.0	50
16	C5016140	5.0	12.0	24	6.5	27.5	50
21	C5021140	8.0	16.0	30	7.0	28.0	20
29	C5029140	11.0	21.0	40	8.0	30.0	20
36	C5036140	16.0	28.0	50	9.0	38.0	20
42	C5042140	22.0	34.0	58	10.0	40.0	5
48	C5049140	28.0	40.0	65	10.0	44.0	5

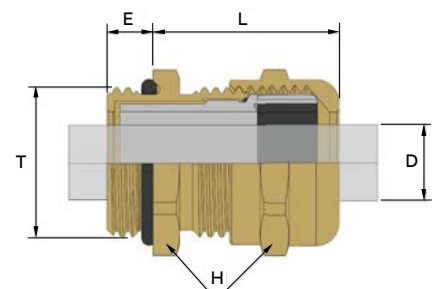
All dimensions are in millimetres (mm).



Thread T	Part no.	E	Pkg. (pcs)
Metric Long			
12	C5312100	15.0	50
16	C5316100	15.0	50
20	C5320100	15.0	50
25	C5325100	15.0	25
32	C5332100	15.0	20
40	C5340100	15.0	10
50	C5350100	15.0	5
63	C5363100	15.0	5

Metric Long RED (reduced sealing)

12	C5312140	15.0	50
16	C5316140	15.0	50
20	C5320140	15.0	50
25	C5325140	15.0	25
32	C5332140	15.0	20
40	C5340140	15.0	10
50	C5350140	15.0	5
63	C5363140	15.0	5



SIB-TEC EMC CAGE 360°

EMC Brass cable glands

A range of IP66 - 4X Metric/NPT thread, EMC brass cable glands for use with non-armoured and SWB cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Steel tape armoured (STA)
- O-ring included
- Additional EMC device 360°

IP Protection:

- IP66 - 4X

Operating temperature:

-40°C / +100°C

Thread:

Metric / NPT

Material:

- Nickel-plated brass
- Available in Stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Insert: Polyamide 6
- Insert: Stainless steel

Certification:

- IEC 62 444
- VDE: 40048931
- UL: E184471
- DNV: TAE00004KD

Accessories:

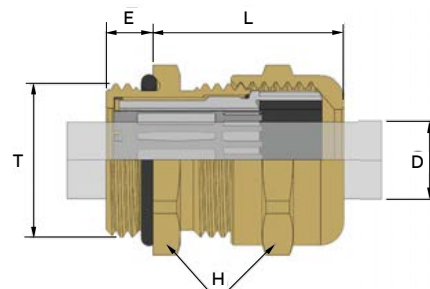
See pages 70-79



EMC

EMC

Additional 360° device.



SIB-TEC EMC CAGE 360° CABLE GLANDS - METRIC / NPT

Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
16	C5216200	4.0	9.5	17	5.0	23.0	50
20	C5220200	7.0	13.0	22	6.0	26.0	50
25	C5225200	8.0	16.0	27	7.0	28.0	25
32	C5232200	11.0	21.0	34	8.0	30.0	20
40	C5240200	15.0	27.0	42	8.0	33.0	10
50	C5250200	22.0	35.0	55	9.0	37.0	5
63	C5263200	35.0	48.0	65	10.0	44.0	5
NPT							
3/8"	C5408200	4.0	9.5	17	15.0	23.0	50
1/2"	C5412200	7.0	13.0	22	20.0	26.0	50
3/4"	C5420200	8.0	16.0	27	20.0	28.0	20
1"	C5428200	11.0	21.0	34	25.0	30.0	20

All dimensions are in millimetres (mm).

Thread T	Part no.	E	Pkg. (pcs)
Metric Long			
16	C5316200	15.0	50
20	C5320200	15.0	50
25	C5325200	15.0	25
32	C5332200	15.0	20
40	C5340200	15.0	10
50	C5350200	15.0	5
63	C5363200	15.0	5

Assembly instructions:

See page 93

SIB-TEC METAL LF

EMC Brass cable glands + locknuts

A range of IP66/68 - 4X Metric thread, lead free EMC brass cable glands for use with non-armoured and SWB cables.

SPECIAL FEATURES

- For single wire braid (SWB)
- Reduced sealing available
- O-ring included
- Lead free (LF)

IP Protection:

- IP66 / 68 - 4X

Operating temperature:

-40°C / +100°C

Thread:

- Metric
- PG / NPT (on request)

Material:

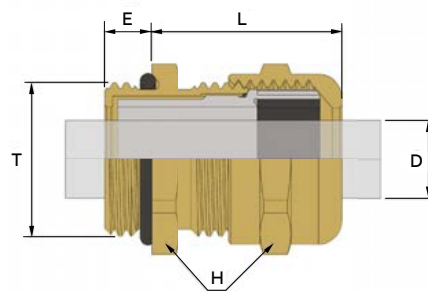
- Nickel-plated CW 510L
- < 0.1% lead
- Seal: Neoprene
- O-ring: Nitrile
- Insert: Polyamide 6

Certification:

- IEC 62 444
- VDE: 40048931

Accessories:

See pages 70-79



SIB-TEC METAL (LF) CABLE GLANDS - METRIC

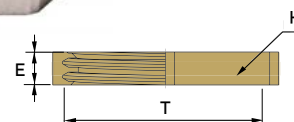


Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
12	110020501	2.5	6.5	14	5.0	20.0	50
16	110020502	4.0	9.5	17	5.0	23.0	50
20	110020503	7.0	13.0	22	6.0	26.0	50
25	110020504	8.0	16.0	27	7.0	28.0	25
32	110020505	11.0	21.0	34	8.0	30.0	20
40	110020506	15.0	27.0	42	8.0	33.0	10
50	110020507	22.0	35.0	55	9.0	37.0	5
63	110020508	35.0	48.0	65	10.0	44.0	5
Metric RED (reduced sealing)							
12	110020509	1.5	5.0	14	5.0	20.0	50
16	110020510	2.5	7.0	17	5.0	23.0	50
20	110020511	4.0	10.0	22	6.0	26.0	50
25	110020512	5.0	13.0	27	7.0	28.0	25
32	110020513	7.0	17.0	34	8.0	30.0	20
40	110020514	10.0	22.0	42	8.0	33.0	10
50	110020515	17.0	29.0	55	9.0	37.0	5
63	110020516	28.0	40.0	65	10.0	44.0	5

All dimensions are in millimetres (mm).

LOCKNUT (LF)

Thread T	Part no.	H	E	Pkg. (pcs)
Locknut				
12	120010038	15	3.0	50
16	120010039	20	3.0	50
20	120010040	24	3.5	50
25	120010041	30	3.5	25
32	120010042	35	4.5	20
40	120010043	45	4.5	20
50	120010044	55	5.5	10
63	120010045	70	6.0	5



SIB-TEC UL

EMC Brass cable glands

A range of IP66/68 - 4X Metric/NPT thread, EMC brass cable glands for use with non-armoured and SWB cables.

SPECIAL FEATURES

- For single wire braid (SWB)
- Reduced sealing available
- O-ring included

IP Protection:

- IP66 / 68 - 4X

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Available in Stainless steel 316L-1.4404-V4A
- Seal: EPDM
- O-ring: Nitrile
- Insert: Polyamide 6

Thread:

Metric / NPT

Certification:

- IEC 62 444
- VDE: 40048931
- UL: E184471
- DNV: TAE00004KD

Accessories:

See pages 70-79



Sealing

RED: reduced sealing available.



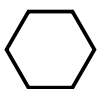
EMC

EMC

Electromagnetic compatibility with Nickel-plated brass body.



O-ring included.



Hexagonal sides
UL / Size marked.

SIB-TEC UL cable glands

EMC Brass cable glands



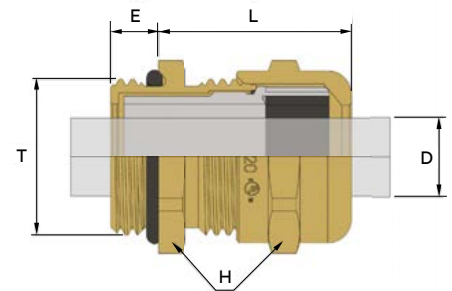
SIB-TEC UL CABLE GLANDS - METRIC / NPT



Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
12	110020301	2.5	6.5	14	5.0	20.0	50
16	110020302	4.0	9.5	17	5.0	23.0	50
20	110020303	7.0	13.0	22	6.0	26.0	50
25	110020304	8.0	16.0	27	7.0	28.0	25
32	110020305	11.0	21.0	34	8.0	30.0	20
40	110020306	15.0	27.0	42	8.0	33.0	10
50	110020307	22.0	35.0	55	9.0	37.0	5
63	110020308	35.0	48.0	65	10.0	44.0	5
Metric RED (reduced sealing)							
12	110020309	1.5	5.0	14	5.0	20.0	50
16	110020310	2.5	7.0	17	5.0	23.0	50
20	110020311	4.0	10.0	22	6.0	26.0	50
25	110020312	5.0	13.0	27	7.0	28.0	25
32	110020313	7.0	17.0	34	8.0	30.0	20
40	110020314	10.0	22.0	42	8.0	33.0	10
50	110020315	17.0	29.0	55	9.0	37.0	5
63	110020316	28.0	40.0	65	10.0	44.0	5
NPT							
3/8"	110020429	4.0	9.5	17	15.0	23.0	50
1/2"	110020430	7.0	13.0	22	20.0	26.0	50
3/4"	110020431	8.0	16.0	27	20.0	28.0	20
1"	110020432	11.0	21.0	34	25.0	30.0	20
NPT RED (reduced sealing)							
3/8"	110020433	2.5	7.0	17	15.0	23.0	50
1/2"	110020434	4.0	10.0	22	20.0	26.0	50
3/4"	110020435	5.0	13.0	27	20.0	28.0	20
1"	110020436	7.0	17.0	34	25.0	30.0	20

All dimensions are in millimetres (mm).

Thread T	Part no.	E	Pkg. (pcs)
Metric Long			
12	110020317	15,0	50
16	110020318	15,0	50
20	110020319	15,0	50
25	110020320	15,0	25
32	110020321	15,0	20
40	110020322	15,0	10
50	110020323	15,0	5
63	110020324	15,0	5
Metric Long RED (reduced sealing)			
12	110020325	15.0	50
16	110020326	15.0	50
20	110020327	15.0	50
25	110020328	15.0	25
32	110020329	15.0	20
40	110020330	15.0	10
50	110020331	15.0	5
63	110020332	15.0	5



WADI-MAX EMC

EMC Brass cable glands

A range of IP66/68/69K Metric thread, EMC brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Single wire armour (SWA)
 - Steel tape armoured (STA)
- Increased strain relief
- O-ring on entry thread
- Anti-twisting ring
- EMC

IP Protection:

- IP66 / 68 / 69K

Operating temperature:

-40°C / +100°C

Thread:

Metric
(other thread on request)

Material:

- Nickel-plated brass
- Brass (on request)
- Available in Stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Anti-twisting ring: Polyamide 6
- Insert: Stainless steel

Certification:

- IEC 62 444

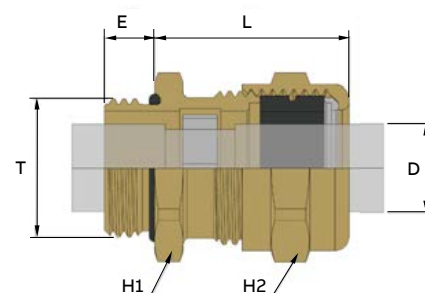
Accessories:

See pages 70-79



Assembly instructions:

See page 94



WADI-MAX EMC CABLE GLANDS - METRIC



Thread T	Part no.	Clamping range		Cable armouring diameter D2		H1	H2	E	L	Pkg. (pcs)
		Min	Max	Min	Max					
Metric										
16	110030200	7.0	12.0	5.0	8.0	20	20	7.0	26.0	25
20	110030201	9.0	16.0	7.0	11.0	24	24	7.0	29.0	25
25	110030202	9.0	16.0	7.0	11.0	30	24	8.0	28.0	10
25	110030203	13.0	20.5	11.0	15.0	30	30	8.0	30.0	10
32	110030204	13.0	21.0	11.0	15.0	36	30	8.5	30.0	5
32	110030205	16.0	27.0	12.0	22.0	40	40	8.5	39.0	5
40	110030206	21.0	31.0	17.0	27.0	48	48	8.5	43.0	5
50	110030207	28.0	41.0	24.0	34.0	55	55	9.5	46.0	5
63	110030208	34.0	47.0	ND*	ND*	68	64	10.5	48.0	5
63	110030209	42.0	53.0	32.0	42.0	70	70	10.5	51.0	5
72 x 200	110030210	48.0	60.0	44.0	45.0	85	85	11.5	62.0	1
75	110030211	48.0	60.0	44.0	54.0	85	85	11.5	62.0	1
80 x 200										
90 x 200										
100 x 200										
110 x 200										
ON REQUEST										

ON REQUEST

All dimensions are in millimetres (mm).

WADI-TEC EMC 360°

EMC Brass cable glands

A range of IP68 Metric/PG thread, EMC brass cable glands for use with SWB armoured cables.

SPECIAL FEATURES

- Single wire braid (SWB)
- Sealing variants:
Standard, multi-hole,
for flat cable
- EMC tested
- Plastic metallic clamping device

IP Protection:

- IP68

Operating temperature:

-30°C / +120°C

Thread:

Metric / PG

Material:

- Nickel-plated brass
- Available in Stainless steel
316L-1.4404-V4A
- Seal: TPE
- O-ring: Nitrile
- Insert: Plastic, copper-plated,
tin plated

Certification:

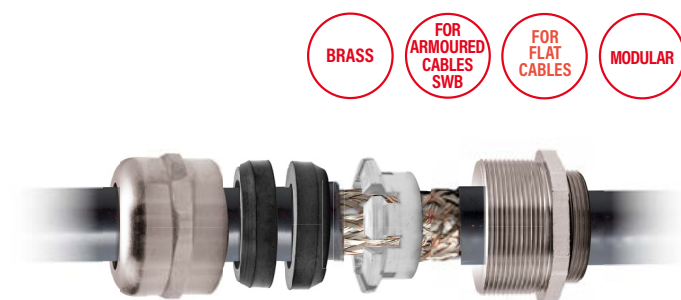
- IEC 62 444

Accessories:

See pages 70-79



Assembly instructions:
See page 95



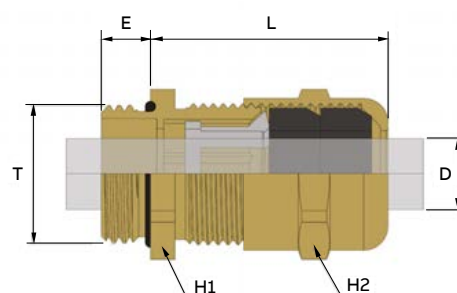
WADI-MAX EMC 360° CABLE GLANDS - METRIC / PG



Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Packing
		Min	Max					
Metric								
12	R1221200	4.0	6.5	14	14	7.0	30.0	50
16S	R1221640	4.0	6.5	17	14	7.0	30.0	50
16L	R1221600	5.0	8.5	17	17	7.0	31.0	50
20S	R1222040	7.0	10.5	22	20	7.0	34.0	50
20L	R1222000	8.0	12.5	22	22	7.0	34.0	50
25S	R1222540	10.0	14.5	26	24	8.0	34.0	25
25L	R1222500	13.5	18.0	30	30	8.0	43.0	25
32S	R1223240	13.5	18.0	33	30	8.5	43.0	20
32L	R1223200	17.0	24.0	40	40	8.5	52.0	10
40S	R1224040	17.0	24.0	42	40	8.5	52.0	10
40L	R1224000	24.0	30.0	50	50	8.5	58.5	10
PG								
07	R1200700	4.0	6.5	14	14	5.0	30.0	50
09	R1200900	5.0	8.5	17	17	6.0	31.0	50
11S	R1201100	7.0	10.5	20	20	6.0	34.0	50
11L	R1201301	8.0	12.5	22	22	6.0	34.0	50
13	R1201300	8.0	12.5	22	22	6.5	33.5	50
16	R1201600	10.0	14.5	24	24	7.0	33.5	20
21	R1202100	13.5	18.0	30	30	7.0	43.0	20
29	R1202900	17.0	24.0	40	40	8.0	52.0	10
36	R1203600	24.0	30.0	50	50	9.0	61.0	10

All dimensions are in millimetres (mm).

Thread T	Part no.	E	Packing	Locknuts
Metric Long				
12	R1231200	13.0	50	D3412100
16S	R1231640	13.0	50	D3416100
16L	R1231600	13.0	50	D3416100
20S	R1232040	13.0	50	D3420100
20L	R1232000	13.0	50	D3420100
25S	R1232540	14.0	20	D3425100
25L	R1232500	14.0	20	D3425100
32S	R1233240	14.5	20	D3432100
32L	R1233200	14.5	20	D3432100
40S	R1234040	14.5	10	D3440100
40L	R1234000	14.5	10	D3440100



S-CW

Single sealing EMC Brass cable glands

A range of IP66/68 Metric thread, single sealing EMC brass cable glands for use with armoured SWB cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Single wire armour (SWA)
 - Steel tape armoured (STA)
- EMC
- Deluge protection:
 - O-ring included
- Detachable clamping ring
- O-ring on entry thread
- For heavy duty cables
- Single sealing

IP Protection:

- IP66 / 68

Operating temperature:

- -40°C / +100°C (neoprene)
- On request:
- -60°C / +160°C (silicone)
 - -20°C / +200°C (viton)

Thread:

Metric (other on request)

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Anti-twisting ring: Polyamide
- Clamping ring: Brass

Certification:

- IEC 62 444

Accessories:

- Available cable gland only
- Kit on request: Cable gland, earth tag, locknut, shroud
- Option: Serrated washers



EMC

EMC

Electromagnetic compatibility with Nickel-plated brass body.

Heavy duty

Suitable for heavy duty cables including SWB / SWA / STA.



Deluge protection
O-ring included.



Sealing
Single sealing.



S-CW cable glands

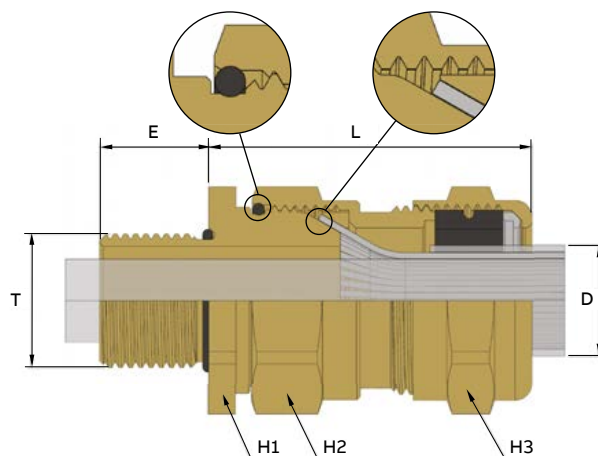
Single sealing EMC Brass cable glands



SC-W CABLE GLANDS - METRIC

Thread T	Part no.	Overall cable diameter D		Max. armour thickness	H1	H2	H3	E	L	Pkg. (pcs)	
	Nickel plated ●	Min	Max								
Metric											
12S	GB121002E		7.0	11.5	1.00	20	22	20	16.0	40.0	1
16S	GB161002E		7.0	11.5	1.00	20	22	20	16.0	40.0	1
16L	GB161002F		9.0	15.5	1.25	24	24	24	16.0	43.0	1
20XS	GB201002E		7.0	11.5	1.00	22	22	20	16.0	40.0	1
20S	GB201002F		9.0	15.5	1.25	24	24	24	16.0	43.0	1
20L	GB201002G		13.0	20.5	1.25	30	30	30	16.0	49.0	1
25XS	GB251002F		9.0	15.5	1.25	28	24	24	16.0	43.0	1
25S	GB251002G		13.0	20.5	1.25	30	30	30	16.0	49.0	1
25L	GB251002H		17.0	27.0	1.60	40	40	40	16.0	60.0	1
32S	GB321002H		17.0	27.0	1.60	40	40	40	16.0	60.0	1
32L	GB321002J		22.0	33.5	2.00	48	48	48	16.0	67.0	1
40S	GB401002J		22.0	33.5	2.00	48	48	48	16.0	67.0	1
40L	GB401002K		28.0	40.5	2.00	55	55	55	16.0	70.0	1
50S	GB501002K		28.0	40.5	2.00	55	55	55	16.0	70.0	1
50L	GB501002L		34.0	47.5	2.50	64	64	64	16.0	79.0	1
63S	GB631002M		39.0	54.0	2.50	70	70	70	16.0	84.0	1
63L	GB631002N		48.0	64.5	2.50	85	85	85	16.0	94.0	1
75S	GB751002N		48.0	64.5	2.50	85	85	85	18.0	94.0	1
75L	GB751002P		55.0	73.5	2.50	95	95	95	18.0	102.0	1
80S x 200	GB801002P		55.0	73.5	2.50	95	95	95	20.0	102.0	1
80L x 200	GB801002Q		65.0	82.5	3.15	110	110	110	20.0	113.0	1
90S x 200	GB901002Q		65.0	82.5	3.15	110	110	110	22.0	113.0	1
90L x 200	GB901002R		74.0	92.5	3.15	120	120	120	22.0	113.0	1
100S x 200	GB991002R		74.0	92.5	3.15	120	120	120	22.0	113.0	1

All dimensions are in millimetres (mm).



S-E1W

Double sealing EMC Brass cable glands

A range of IP66/68 Metric thread, double sealing EMC brass cable glands for use with armoured SWB cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Single wire armour (SWA)
 - Steel tape armoured (STA)
- EMC
- Deluge protection:
 - O-ring included
- Detachable clamping ring
- O-ring on entry thread
- For heavy duty cables
- Double sealing

IP Protection:

- IP66 / 68

Operating temperature:

- -40°C / +100°C (neoprene)
- On request:
- -60°C / +160°C (silicone)
 - -20°C / +200°C (viton)

Thread:

Metric (other on request)

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile
- Anti-twisting ring: Polyamide
- Clamping ring: Brass

Certification:

- IEC 62 444

Accessories:

- Available cable gland only
- Kit on request: Cable gland, earth tag, locknut, shroud
- Option: Serrated washers



EMC

EMC

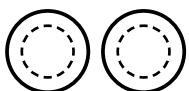
Electromagnetic compatibility with Nickel-plated brass body.

Heavy duty

Suitable for heavy duty cables including SWB / SWA / STA.



Deluge protection
O-ring included.



Sealing
Double sealing.



S-E1W cable glands

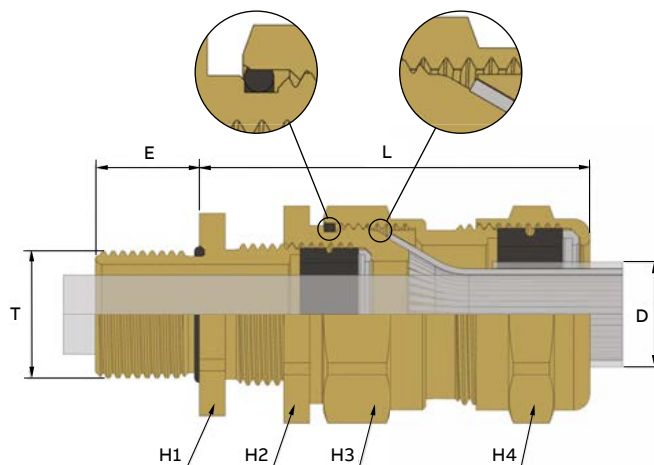
Double sealing EMC Brass cable glands



S-E1W CABLE GLANDS - METRIC

Thread T	Part no.	Max. armour thickness	Overall cable diameter D		Cable bedding diameter (D2)		H1	H2	H3	H4	E	L	Pkg. (pcs)
	Nickel plated 		Min	Max	Min	Max							
	Metric												
12S	GB121004E	1.0	7.0	11.5	4.0	6.5	18	20	22	20	16.0	51.0	1
16S	GB161004E	1.0	7.0	11.5	4.0	7.5	20	20	22	20	16.0	51.0	1
16L	GB161004F	1.25	9.0	15.5	6.0	11.5	22	24	24	24	16.0	45.0	1
20XS	GB201004E	1.0	7.0	11.5	4.0	7.5	24	20	22	20	16.0	51.0	1
20S	GB201004F	1.25	9.0	15.5	6.0	11.5	24	24	24	24	16.0	55.0	1
20L	GB201004G	1.25	13.0	20.5	8.5	15.0	28	30	30	30	16.0	56.0	1
25XS	GB251004F	1.25	9.0	15.5	6.0	12.0	28	24	24	24	16.0	55.0	1
25S	GB251004G	1.25	13.0	20.5	8.5	15.5	30	30	30	30	16.0	56.0	1
25L	GB251004H	1.6	17.0	27.0	12.0	19.5	34	40	40	40	16.0	73.0	1
32S	GB321004H	1.6	17.0	27.0	12.0	20.5	40	40	40	40	16.0	73.0	1
32L	GB321004J	2.0	22.0	33.5	16.0	25.5	44	48	48	48	16.0	79.0	1
40S	GB401004J	2.0	22.0	33.5	16.0	27.5	48	48	48	48	16.0	79.0	1
40L	GB401004K	2.0	28.0	40.5	21.0	33.0	50	55	55	55	16.0	84.0	1
50S	GB501004K	2.0	28.0	40.5	21.0	34.0	55	55	55	55	16.0	84.0	1
50L	GB501004L	2.5	34.0	47.5	27.0	41.0	64	64	64	64	16.0	94.0	1
63S	GB631004M	2.5	39.0	53.5	33.0	46.0	70	70	70	70	16.0	96.0	1
63L	GB631004N	2.5	48.0	64.5	40.0	54.0	80	85	85	85	16.0	112.0	1
75S	GB751004N	2.5	48.0	64.5	40.0	54.0	85	85	85	85	18.0	110.0	1
75L	GB751004P	2.5	55.0	73.5	47.0	65.0	90	95	95	95	18.0	122.0	1
80S x 200	GB801004P	2.5	55.0	73.5	47.0	65.0	95	95	95	95	20.0	120.0	1
80L x 200	GB801004Q	3.15	65.0	82.5	54.0	71.0	100	110	110	110	20.0	131.0	1
90S x 200	GB901004Q	3.15	65.0	82.5	54.0	74.0	110	110	110	110	22.0	129.0	1
90L x 200	GB901004R	3.15	74.0	92.5	63.0	79.0	110	120	120	120	22.0	129.0	1
100S x 200	GB991004R	3.15	74.0	92.5	63.0	82.0	120	120	120	120	22.0	129.0	1

All dimensions are in millimetres (mm).



OTHER APPLICATIONS

Brass cable glands & accessories

INDUSTRIAL CABLE GLANDS (OTHER APPLICATIONS)



Type	ZA	ZEV & ZEV B	WADI A	WADI A DUPLO	PRESSTOR
Characteristics					
Brass	●	●	●	●	●
Universal with lamellas	–	–	–	–	–
Universal heavy duty	–	–	–	–	●
For non-armoured cables	●	●	●	●	●
For round cables	–	–	–	●	–
Modular	●	●	●	●	●
Page	62	64	66	68	69

APPROVALS / STANDARDS



ACCESSORIES (BRASS)



Type	Hexagonal plugs	Round plugs	Enlargers	Hexagonal reducers	Notched reducers
Characteristics					
Brass	●	●	●	●	●
EMC tested	–	–	–	–	–
Aluminium 6060 + Copper (bi-metal washers)	–	–	–	–	–
Page	70	71	72	73	74

OTHER APPLICATIONS

Industrial characteristics



Hexagonal adaptors	Notched adaptors	Locknuts	Earthing locknuts	Ground terminals	Screws + bi-metal washers
●	●	●	●	●	●
-	-	-	●	-	-
-	-	-	-	-	●
75	77	78	79	79	79

ZA

Peelable sealing cable glands

A range of IP65 Metric/PG thread, brass cable glands for round cables.

SPECIAL FEATURES

- Peelable sealing
- Pressing screw
- Standard sealing

IP Protection:

- IP65 without flat seals

Operating temperature:

- -40°C / +60°C (rubber)
- -25°C / +100°C (neoprene)

Material:

- Nickel-plated brass
- Peelable sealing: Rubber
- Galvanized steel washer

Thread:

Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 70-79

BRASS

FOR
ROUND
CABLES



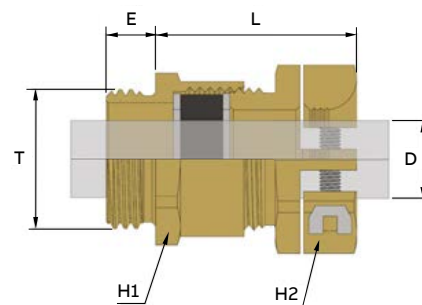
Pressing screw

Using (x2) compression screws to tighten the sealing insert around the cable for traction relief.



Body

Nicke-plated brass with sealing inserts.



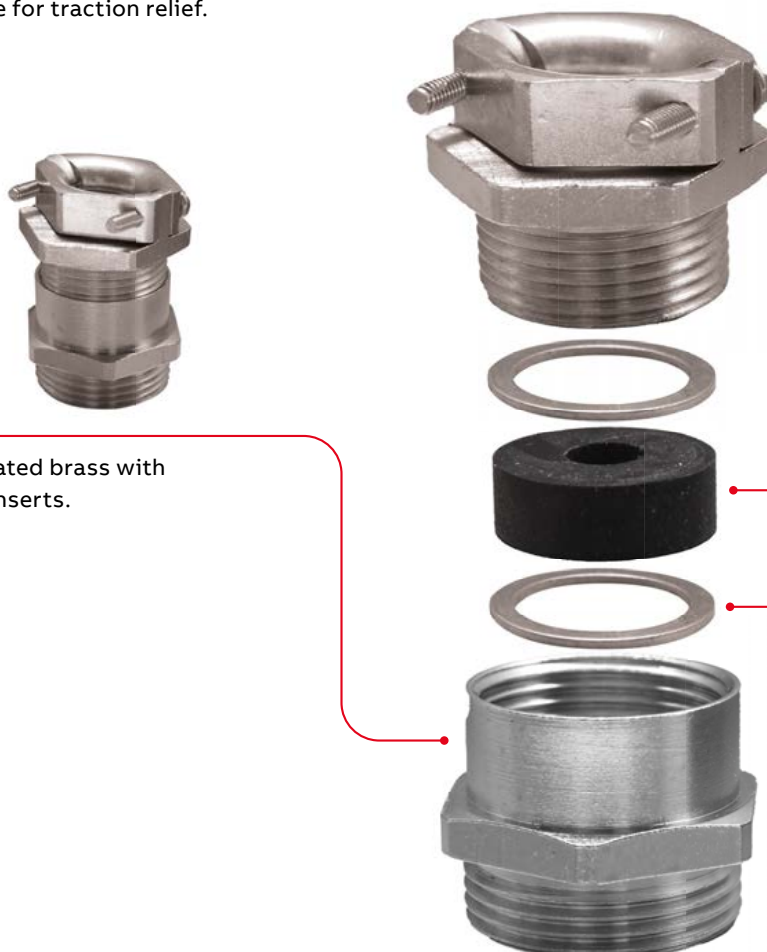
Sealing

Peelable sealing.



Washer

Galvanised steel.



ZA cable glands

Peelable sealing cable glands



ZA CABLE GLANDS - METRIC / PG

Thread T	Part no.		Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
	Rubber	Neoprene	Min	Max					
Metric									
12	C8312801	C8312811	4.0	6.0	14	16	7.0	22.0	50
16	C8316803	C8316813	2.0	9.0	18	19	7.0	27.0	50
16	C8316802	C8316812	4.0	11.0	20	22	7.0	27.0	50
16	C8316801	C8316811	4.5	12.0	22	24	7.0	28.0	50
20	C8320803	C8320813	4.0	11.0	22	22	7.0	27.0	50
20	C8320802	C8320812	4.5	12.0	22	24	7.0	32.0	50
20	C8320801	C8320811	5.5	14.5	24	27	7.0	27.0	50
25	C8325801	C8325811	5.5	14.5	27	27	8.0	32.0	20
32	C8332802	C8332812	8.0	19.0	34	33	8.5	34.5	20
32	C8332801	C8332811	12.0	27.0	40	42	8.5	37.5	20
40	C8340801	C8340811	12.0	27.0	42	42	8.5	36.5	5
50	C8350802	C8350812	22.0	33.0	52	52	9.5	40.5	10
50	C8350801	C8350811	25.0	40.0	58	60	9.5	44.5	10
63	C8363802	C8363812	25.0	40.0	65	60	10.5	44.5	5
63	C8363801	C8363811	30.0	45.0	65	64	10.5	45.5	5
75	C8375801	C8375811	30.0	45.0	80	64	11.5	44.5	5
PG									
07	C8307002	–	4.0	6.0	14	16	5.0	24.0	50
09	C8309006	C8309011	2.0	9.0	17	19	6.0	28.0	50
11	C8311009	C8311011	4.0	11.0	20	22	6.0	29.0	50
13	C8313003	C8313011	4.5	12.0	22	24	6.5	29.5	50
16	C8316004	C8316011	5.5	14.5	24	27	6.5	29.5	50
21	C8321008	C8321011	8.0	19.0	30	33	7.0	35.0	20
29	C8329004	C8329011	12.0	27.0	40	42	8.0	39.0	20
36	C8336002	C8336011	22.0	33.0	50	52	9.0	44.0	10
42	C8342003	C8342011	25.0	40.0	57	60	10.0	55.0	10
48	C8349002	C8349011	30.0	45.0	64	64	10.0	58.0	5

All dimensions are in millimetres (mm).



PRESSING SCREW WITH TRACTION RELIEF TYPE ZA - PG



	Thread	Part no.	Overall cable diameter D		H	E	L	kg. (pcs)	
	T		Min	Max					
	PG								
	07	D8307019	5.5	7.5	16	5.5	10.5	50	
	09	D8309013	6.5	9.5	19	8.0	11.0	50	
	11	D8311016	7.5	11.5	22	8.0	11.0	50	
	13	D8313010	8.5	13.5	24	6.5	11.5	50	
	16	D8316011	10.5	16.5	27	10.5	12.0	25	
	21	D8321015	12.0	20.5	33	10.0	14.0	20	
	29	D8329011	19.0	29.5	42	10.0	14.0	10	
36	D8336019	24.0	36.5	52	9.5	16.5	10		
42	D8342010	33.0	42.5	60	18.0	16.5	5		
48	D8349019	36.0	47.5	64	20.0	17.0	5		

All dimensions are in millimetres (mm).

ZEV & ZEV-B

Brass cable glands

A range of IP65 Metric/PG thread, brass cable glands for use with round cables.

SPECIAL FEATURES

- Bending protection
- Increased strain relief

IP Protection:

- IP65 without flat seal

Operating temperature:

-40°C / +60°C

Material:

- Nickel-plated brass
- Peelable sealing: Rubber
- Galvanized steel washer

Thread:

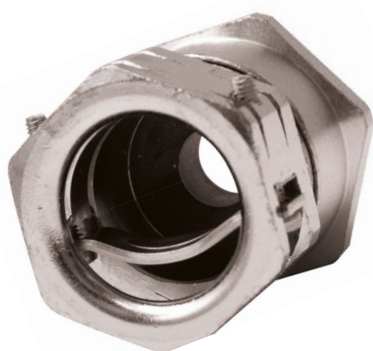
Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 70-79

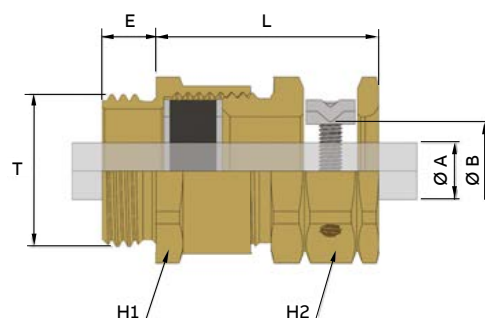


ZEV CABLE GLANDS - METRIC / PG



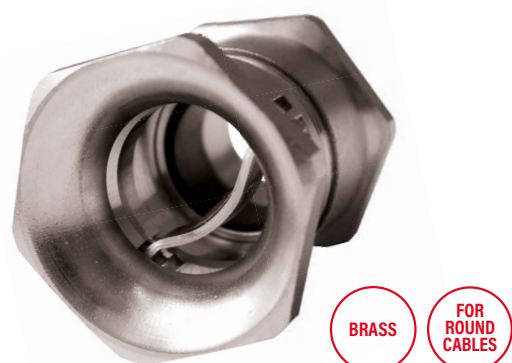
Thread T	Part no.	Clamping range		H1	H2	E	L	Pkg. (pcs)
		Ø A (sealing)	Ø B (squeezing)					
Metric								
16	C8116090	3.5 / 9.0	4.0 / 9.0	18	17	7.0	19.0	50
20	C8120110	3.5 / 11.0	7.0 / 11.0	22	20	7.0	19.0	50
20	C8120130	5.5 / 13.0	10.0 / 13.0	22	22	7.0	21.0	50
25	C8125160	6.5 / 15.0	10.0 / 15.0	27	24	8.0	20.0	50
25	C8125210	8.0 / 20.0	13.0 / 20.0	32	30	8.0	22.0	50
32	C8132210	8.0 / 20.0	13.0 / 20.0	34	30	8.5	23.5	10
32	C8132290	12.5 / 29.0	20.0 / 29.0	40	40	8.5	37.5	10
PG								
07	C8107008A	4.0 / 6.0	6.0 / 9.0	14	17	5.0	19.0	100
09	C8109002A	3.5 / 9.0	4.0 / 9.0	17	17	6.0	19.0	50
11	C8111005A	3.5 / 11.0	7.0 / 11.0	20	20	6.0	21.0	50
13	C8113009A	5.5 / 13.0	10.0 / 13.0	22	22	6.5	21.5	50
16	C8116000A	6.5 / 15.0	10.0 / 15.0	24	24	6.5	23.5	50
21	C8121004A	8.0 / 20.0	13.0 / 20.0	30	30	7.0	24.0	50
29	C8129000A	12.5 / 29.0	20.0 / 29.0	40	40	8.0	38.0	10

All dimensions are in millimetres (mm).



ZEV & ZEV-B

Brass cable glands



ZEV



ZEV B



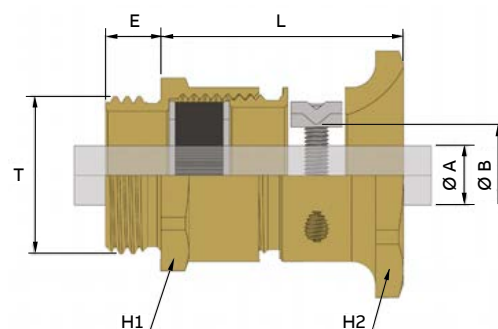
Sealing
Peelable sealing.

ZEV-B CABLE GLANDS - METRIC / PG



Thread T	Type no.	Part no.	Clamping range		H1	H2	E	L	Pkg. (pcs)
			Ø A (sealing)	Ø B (squeezing)					
Metric									
16	C8216090	2.0 / 9.0	6.0 / 9.5	18	22	7.0	28.0	50	50
20	C8220110	4.0 / 11.0	8.0 / 11.5	22	24	7.0	30.0	50	50
20	C8220130	4.5 / 12.0	9.0 / 13.0	22	28	7.0	30.5	50	50
25	C8225160	5.5 / 14.5	10.0 / 15.0	27	30	8.0	33.5	20	50
25	C8225210	8.0 / 18.0	14.0 / 20.0	32	38	8.0	36.0	20	50
32	C8232210	8.0 / 19.0	14.0 / 20.0	34	38	8.5	36.0	25	50
32	C8232290	12.0 / 27.0	19.0 / 30.0	40	50	8.5	40.0	15	50
PG									
09	C8209009A	2.0 / 9.0	6.0 / 9.5	17	22	6.0	28.0	50	50
11	C8211002A	4.0 / 11.0	8.0 / 11.5	20	24	6.0	30.0	50	20
13	C8213006A	4.5 / 12.0	9.0 / 13.0	22	28	6.5	30.5	50	20
16	C8216007A	5.5 / 14.5	10.0 / 15.0	24	30	6.5	33.5	50	20
21	C8221001A	8.0 / 19.0	14.0 / 20.0	30	38	7.0	36.0	50	20
29	C8229007A	12.0 / 27.0	19.0 / 30.0	40	50	8.0	40.0	50	10

All dimensions are in millimetres (mm).



WADI-A

Brass cable glands

A range of IP68 Metric/PG thread, brass cable glands with variant sealing configurations.

SPECIAL FEATURES

- Variant sealing configurations
- Increased strain relief

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A (on request)
- Seal: TPE
- O-ring: Nitrile
- Galvanized steel washer

Certification:

- IEC 62 444

Accessories:

See pages 70-79



BRASS

WADI-A CABLE GLANDS - METRIC



Thread T	Type no.	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
Metric									
12	1	C3912000	2.0	3.0	14	14	7.0	16.0	50
12	1	C3912001	4.0	6.5	14	14	7.0	16.0	50
12	2	C3912002	4.0	7.0	14	14	7.0	16.0	50
16	1	C3916000	5.0	7.0	17	17	7.0	17.5	50
16	1	C3916001	6.0	8.0	17	17	7.0	17.5	50
16	1	C3916002	7.0	10.0	17	17	7.0	17.5	50
16	2	C3916003	7.0	10.0	17	17	7.0	17.5	50
16	3	C3916010	5.0	12.0	20	20	7.0	17.5	50
20	2	C3920000	6.5	10.5	24	24	7.0	22.0	50
20	4	C3920001	8.0	12.0	24	24	7.0	22.0	50
20	2	C3920002	10	15.0	24	24	7.0	22.0	50
20	3	C3920003	7.0	15.0	24	24	7.0	22.0	50
25	2	C3925000	6.5	10.5	27	24	8.0	21.0	20
25	5	C3925002	3.5	15.0	27	24	8.0	21.0	20
25	3	C3925003	7.0	15.0	27	24	8.0	21.0	20
25	3	C3925010	12.0	20.5	32	32	8.0	25.0	20
25	2	C3925011	16.0	20.5	32	32	8.0	25.0	20
32	3	C3932000	16.0	26.0	38	38	8.5	30.5	20
40	3	C3940000	24.0	35.0	50	50	8.5	27.5	20
50	3	C3950000	35.0	45.0	58	58	9.5	30.5	10
63	3	C3963000	38.0	49.0	64	64	10.5	32.5	5

All dimensions are in millimetres (mm).

WADI-A cable glands

Brass cable glands

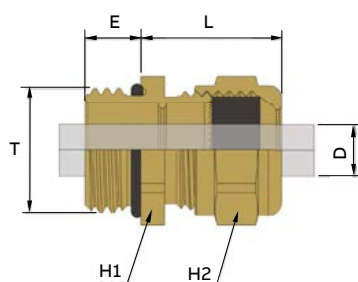


WADI-A CABLE GLANDS - PG

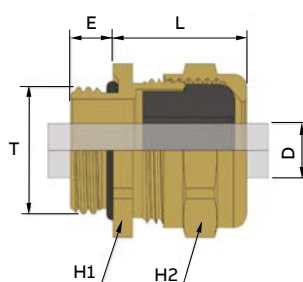
Thread T	Type no.	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
PG									
07	1	C2907109	2.0	3.0	14	14	6.0	16.0	50
07	1	C2907000	4.0	6.5	14	14	6.0	16.0	50
07	2	C2907200	4.0	7.0	14	14	6.0	16.0	50
09	1	C2909004	5.0	7.0	17	17	6.5	17.5	50
09	1	C2909103	6.0	8.0	17	17	6.5	17.5	50
09	1	C2909202	7.0	9.0	17	17	6.5	17.5	50
09	1	C2909203	7.0	10.0	17	17	6.5	17.5	50
09	2	C2909300	7.0	10.0	17	17	6.5	17.5	50
11	1	C2911007	5.0	7.0	20	17	6.0	14.0	50
11	1	C2911106	6.0	8.0	20	17	6.0	14.0	50
11	1	C2911205	7.0	10.0	20	17	6.0	14.0	50
11	3	C2911304	5.0	12.0	20	20	6.0	14.0	50
11	3	C2911403	7.0	15.0	24	24	6.5	13.5	50
13	2	C2913400	6.5	10.5	24	24	6.5	21.5	50
13	4	C2913001	8.0	12.0	24	24	6.5	21.5	50
13	2	C2913300	10.0	15.0	24	24	6.5	21.5	50
13	3	C2913100	7.0	15.0	24	24	6.5	21.5	50
16	2	C2916200	6.5	10.5	24	24	6.5	21.5	50
16	4	C2916002	8.0	12.0	24	24	6.5	21.5	50
16	3	C2916101	7.0	15.0	24	24	6.5	21.5	50
21	3	C2921006	12.0	20.5	32	32	7.5	24.5	25
21	2	C2921105	16.0	20.5	32	32	7.5	24.5	20
21	2	C2921200	17.0	21.5	32	32	7.5	24.5	20
29	3	C2929002	16.0	26.0	38	38	8.0	30.0	20
36	3	C2936000	24.0	35.0	50	50	9.0	28.0	10
42	3	C2942001	35.0	45.0	58	58	10.0	31.0	5
48	3	C2949000	38.0	49.0	64	64	11.0	33.0	5

All dimensions are in millimetres (mm).

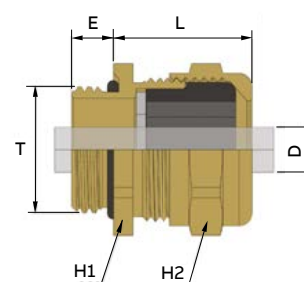
01 WADI A Type 1



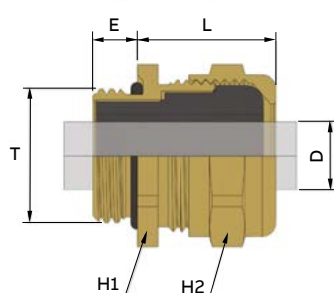
02 WADI A Type 2



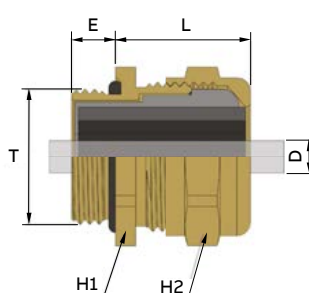
03 WADI A Type 3



04 WADI A Type 4



05 WADI A Type 5



WADI-A DUPLO

Brass cable glands

A range of IP68 Metric/PG thread, brass cable glands with long multi-holed sealing, for use with round cables.

SPECIAL FEATURES

- Long multi-holed sealing
- Sealing open

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass
- O-ring: Nitrile
- Seal: Santoprene

Thread:

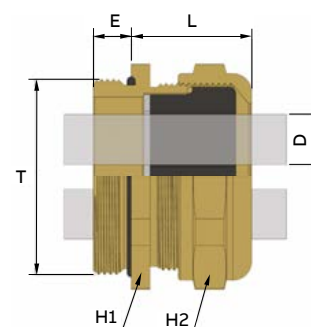
- Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 70-79



WADI-A DUPLO CABLE GLANDS - METRIC / PG



Thread T	Part no.	Number of entries	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
PG									
09	C2809108	2	1.5	2.7	17	17	6.5	17.5	50
09	C2809110	2	2.3	3.5	17	17	15.0	17.5	50
11	C2811198	2	6.0	8.0	24	24	6.5	20.5	50
11	C2811200	2	3.5	5.0	24	24	15.0	20.5	50
11	C2811218	2	5.0	7.5	24	24	6.5	20.5	50
11	C2811220	3	3.5	5.0	24	24	15.0	20.5	50
11	C2811238	2	1.5	2.7	20	17	6.0	18.0	50
11	C2811250	3	4.0	6.0	24	24	15.0	20.5	50
11	C2811258	3	4.0	6.0	24	24	6.5	20.5	50
13	C2813300	2	3.5	5.0	24	24	15.0	21.5	50
13	C2813310	2	6.0	8.0	24	24	15.0	21.5	50
13	C2813318	2	6.0	8.0	24	24	6.5	21.5	50
13	C2813320	3	4.0	6.0	24	24	15.0	21.5	50
13	C2813338	4	3.5	5.0	24	24	6.5	21.5	50
13	C2813350	3	3.5	5.0	24	24	15.0	21.5	50
13	C2813355	3	5.6	6.6	24	24	6.5	21.5	50
13	C2813378	2	5.5	7.5	24	24	6.5	21.5	50
16	C2816428	2	7.0	9.0	28	28	6.5	21.5	50
16	C2816430	3	4.0	6.0	24	24	15.0	21.5	50
16	C2816448	3	5.0	7.0	24	24	6.5	21.5	50
21	C2821528	3	6.0	9.0	32	32	7.5	22.5	25
29	C2829638	6	9.0	10.0	46	46	1.8	24.0	10
Metric									
20	C2820000*	–	–	–	24	24	6.5	16.0	50
20	C2820910	2	3.0	4.0	24	24	6.5	20.5	50
40	C2840900	11	5.0	6.2	45	45	8.5	26.0	10
40	C2840901	3	12.0	13.0	45	45	8.5	26.0	10

All dimensions are in millimetres (mm).

*Without sealing.

PRESSTOR

Brass small size cable glands

A range of IP68 Metric/PG thread, small size brass cable glands for round cables.

SPECIAL FEATURES

- Small size

IP Protection:

- IP68

Operating temperature:

- -25°C / +120°C (nitrile - metric)
- -50°C / +170°C (EPDM - PG)
- Possibility to put a dummy disc in foam:
- -80°C / +100°C

Material:

- Nickel-plated brass
- O-ring: Nitrile

Thread:

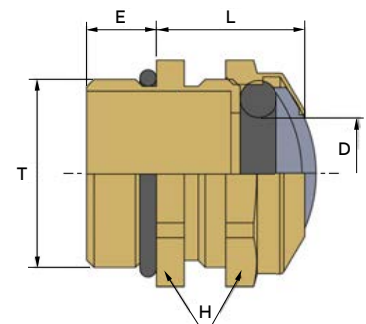
Metric / PG

Certification:

- IEC 62 444

Accessories:

See pages 70-79



PRESSTOR CABLE GLANDS - METRIC / PG



Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
M6 x 100	C9206000	1.8	3.2	11	7.0	11.0	50
M8 x 125	C9308900	3.0	5.0	12	4.5	13.0	50
M8 x 125	C9208000	3.0	5.0	12	7.0	13.0	50
M10 x 150	C9210000	4.0	6.0	12	7.0	13.0	50
PG							
07	C9007000	2.5	6.0	14	6.5	11.5	50
09	C9009000	4.5	9.0	17	7.5	13.0	50
11	C9011000	6.0	10.5	20	7.5	15.0	20
13	C9013000	7.0	12.5	22	7.5	15.0	20
16	C9016000	9.0	15.0	24	7.5	16.0	20
21	C9021000	12.0	19.0	30	7.0	16.0	10
29	C9029000	15.0	25.0	39	8.0	20.0	10
36	C9036000	19.5	32.5	50	8.0	24.5	10
42	C9042000	28.0	38.0	58	10.0	23.0	10
48	C9049000	29.0	42.5	64	10.0	25.0	5

All dimensions are in millimetres (mm).



O1 Standard size



O2 Small size



O3 With hard disk

ACCESSORIES

for brass cable glands

SPECIAL FEATURES

- O-ring on entry thread
- Different material O-ring:
 - Nitrile
 - Viton, silicone (on request)

IP Protection:

- IP68 with sealing

Operating temperature:

- -25°C / +120°C (nitrile)
- -20°C / +200°C (viton)
- -60°C / +160°C (silicone)

Material:

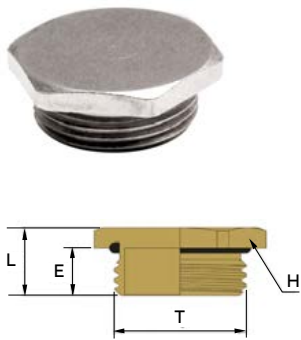
- Nickel-plated brass
- Available in stainless steel
316L-1.4404-V4A

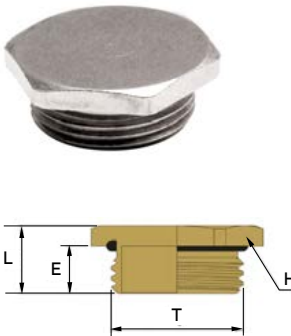
Thread:

Metric / PG / NPT

BRASS

HEXAGONAL PLUGS - METRIC / PG / NPT



	Thread T	Part no.		H	E	L	Pkg. (pcs)
		Standard	+ O-ring				
	Metric						
	12	D4812104	D4812110	14	7.0	10.0	50
	16	D4816102	D4816110	17	7.0	10.0	50
	20	D4820109	D4820110	23	7.0	10.0	50
	25	D4825104	D4825110	29	8.0	11.5	25
	32	D4832102	D4832110	39	8.5	12.5	10
	40	D4840107	D4840110	45	8.5	12.5	10
	50	D4850106	D4850110	58	9.5	14.5	10
	63	D4863106	D4863110	70	10.5	17.5	5
	75	D4875109	D4875110	80	11.5	19.5	1
	PG						
	07	D4607106	D4607110	14	5.0	8.0	50
09	D4609100	D4609110	17	6.0	9.0	50	
11	D4611103	D4611110	19	6.0	9.0	50	
13	D4613107	D4613110	21	6.5	9.5	50	
16	D4616108	D4616110	23	6.5	9.5	50	
21	D4621102	D4621110	29	7.0	11.0	20	
29	D4629108	D4629110	39	8.0	12.0	20	
36	D4636106	D4636110	50	9.0	14.0	10	
42	D4642107	D4642110	58	10.0	15.0	5	
48	D4649106	D4649110	64	10.0	16.0	5	
NPT							
1/4"	D4606104	—	15	15.0	18.0	50	
3/8"	D4608104	—	19	15.0	18.0	50	
1/2"	D4612104	—	23	20.0	23.0	50	
3/4"	D4620104	—	29	20.0	24.0	20	
1"	D4628104	—	36	25.0	29.0	20	
1"1/4	D4635104	—	45	25.0	29.0	10	
1"1/2	D4641104	—	50	26.0	31.0	10	
2"	D4647104	—	64	27.0	33.0	5	
2"1/2	D4650104	—	80	40.0	48.0	1	
3"	D4660104	—	100	40.0	48.0	1	
4"	D4680104	—	125	45.0	55.0	1	

All dimensions are in millimetres (mm).

Accessories

for brass cable glands

SPECIAL FEATURES

- O-ring on entry thread
- Different material O-ring:
 - Nitrile
 - Viton, silicone (on request)

IP Protection:

- IP68 with sealing

Operating temperature:

- -25°C / +120°C (nitrile)
- -20°C / +200°C (viton)
- -60°C / +160°C (silicone)

Material:

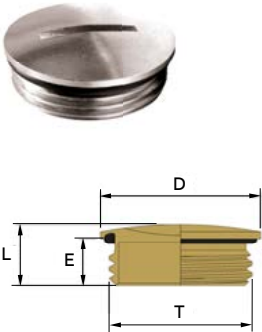
- Nickel-plated brass
- Available in stainless steel
316L-1.4404-V4A

Thread:

Metric / PG

BRASS

ROUND PLUGS - METRIC / PG

	Thread	Part no.		D	E	L	Pkg. (pcs)
	T	Standard	+ O-ring				
	Metric						
	06 x 100	D4906120	D4906110	9	5.0	8.0	100
	08 x 125	D4908120	D4908110	10	5.0	8.0	100
	10	D4910120	D4910110	12	5.0	8.0	50
	12	D4912100	D4912110	14	5.0	7.0	50
	16	D4916100	D4916110	18	6.0	8.0	50
	20	D4920100	D4920110	22	6.5	8.5	50
	25	D4925100	D4925110	27	7.0	10.0	50
	32	D4932100	D4932110	34	8.0	11.0	50
	40	D4940100	D4940110	44	9.0	13.0	25
	50	D4950100	D4950110	54	10.0	14.5	25
	63	D4963100	D4963110	67	10.0	15.0	5
	75	D4975100	D4975110	79	11.0	16.0	1
	Metric Long						
	12	D4912520	D4912510	14	13.0	16.0	50
16	D4916520	D4916510	18	13.0	16.0	50	
20	D4920520	D4920510	22	13.0	16.0	50	
25	D4925520	D4925510	27	14.0	18.0	25	
32	D4932520	D4932510	34	14.5	18.5	20	
40	D4940520	D4940510	44	14.5	19.5	10	
50	D4950520	D4950510	54	15.5	21.0	5	
63	D4963520	D4963510	67	16.5	22.5	5	
75	D4975520	D4975510	79	17.5	23.5	1	
PG							
07	D4507210	D4507220	14	5.0	7.0	50	
09	D4509210	D4509220	17	6.0	8.0	50	
11	D4511210	D4511220	20	6.0	8.0	50	
13	D4513210	D4513220	22	6.5	8.5	50	
16	D4516210	D4516220	24	6.5	9.0	50	
21	D4521210	D4521220	30	7.0	10.0	25	
29	D4529210	D4529220	39	8.0	11.0	20	
36	D4536210	D4536220	50	9.0	14.0	10	
42	D4542210	D4542220	57	10.0	15.0	10	
48	D4549210	D4549220	64	10.0	15.0	5	

All dimensions are in millimetres (mm).

ACCESSORIES

for brass cable glands

IP Protection:

- IP68 with O-ring

Material:

- Nickel-plated brass

Operating temperature:

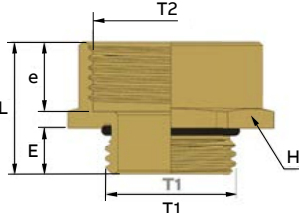
- -25°C / +120°C (nitrile)
- -20°C / +200°C (viton)
- -60°C / +160°C (silicone)

Thread:

Metric / PG / NPT

BRASS

ENLARGERS - METRIC / PG / NPT

	Thread T1	Thread T2	Part no.		H	E	e	L	Pkg. (pcs)
			Standard	+ O-ring					
	Metric								
	10	12	D5710121	D5710120	14	7.0	7.0	19.0	50
	12	16	D5712161	D5712160	19	7.0	7.0	19.0	50
	16	20	D5716201	D5716200	22	7.0	7.0	19.0	50
	20	25	D5720251	D5720250	28	7.0	8.0	20.0	50
	25	32	D5725321	D5725320	36	8.0	8.5	21.5	20
	32	40	D5732401	D5732400	42	8.5	8.5	22.0	20
	40	50	D5740501	D5740500	52	8.5	9.5	23.0	10
	50	63	D5750631	D5750630	65	9.5	10.5	25.0	10
	63	75	D5763751	D5763750	80	10.5	11.5	27.5	5
	PG								
	07	09	D5071104	–	17	5.0	6.0	12.5	50
	09	11	D5091102	–	20	5.0	7.0	13.0	50
	09	13	D5092109	–	22	5.5	7.0	14.0	50
	11	13	D5111107	–	22	6.0	7.0	14.0	50
	11	16	D5112104	–	24	6.0	7.0	14.0	50
	11	21	D5113101	–	30	6.0	8.0	15.0	50
	13	16	D5131105	–	24	6.0	7.0	14.0	50
	13	21	D5132102	–	30	6.0	8.0	15.0	50
	16	21	D5161102	–	30	6.0	8.0	15.0	50
	21	29	D5211104	–	39	7.0	8.0	16.0	50
	29	36	D5291106	–	50	8.0	9.0	19.0	50
	36	42	D5361106	–	64	8.0	12.0	22.0	25
	36	48 DIN	D5363100	–	64	8.0	13.0	24.0	25
	42	48 DIN	D5422104	–	64	10.0	13.0	26.0	1
	NPT								
	1/2"	3/4 "	120090008	–	30	20.0	20.5	47.0	50
	3/4"	1"	120090009	–	36	20.0	25.5	54.0	20
	1"	1"1/4	120090010	–	44	25.0	25.5	59.0	10
	1"1/4	1"1/2	120090011	–	50	25.0	26.5	59.0	10
	1"1/2	2"	120090012	–	64	26.0	27.5	63.0	5
	2"	2"1/2	120090013	–	80	27.0	40.5	78.0	5
	2"1/2	3"	120090014	–	100	40.0	42.5	96.0	1

All dimensions are in millimetres (mm).

Accessories

for brass cable glands

IP Protection:

- IP68 with sealing

Material:

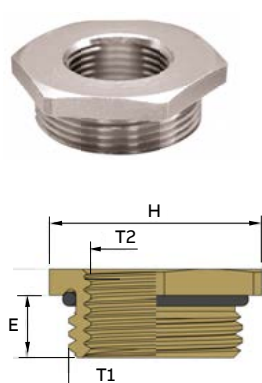
- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- O-ring: Nitrile

Thread:

- Metric / PG
- NPT (on request)

BRASS

HEXAGONAL REDUCERS - METRIC / PG

	Thread T1	Thread T2	Part no.		H	E	Pkg. (pcs)
			Standard	+ O-ring			
	Metric						
	16	12	D6716121	D6716124	20	7.0	50
	20	12	D6720121	D6720124	24	7.0	50
	20	16	D6720161	D6720164	24	7.0	50
	25	16	D6725161	D6725164	30	8.0	20
	25	20	D6725201	D6725204	30	8.0	20
	32	16	D6732161	D6732164	36	8.5	20
	32	20	D6732201	D6732204	36	8.5	20
	32	25	D6732251	D6732254	36	8.5	20
	40	20	D6740201	D6740204	42	8.5	10
	40	25	D6740251	D6740254	42	8.5	10
	40	32	D6740321	D6740324	42	8.5	10
	50	25	D6750250	D6750251	55	9.5	10
	50	32	D6750321	D6750324	55	9.5	5
	50	40	D6750401	D6750404	55	9.5	5
	63	40	D6763401	D6763404	70	10.5	5
	63	50	D6763501	D6763504	70	10.5	5
	72 x 200	63	D6772630	D6772631	80	15.0	5
	75	40	D6775401	D6775404	80	18.0	5
	75	63	D6775631	D6775634	80	11.5	5
	80 x 200	63	D6780631	D6780634	90	20.0	5
	PG						
	09	07	D6091101	–	17	5.0	50
	11	09	D6111106	–	19	6.0	50
	11	07	D6112103	–	19	6.0	50
	13	11	D6131104	–	21	6.0	50
	13	09	D6132101	–	21	6.0	50
13	07	D6133108	–	21	6.0	50	
16	13	D6161101	–	23	6.0	50	
16	11	D6162108	–	23	6.0	50	
16	09	D6163105	–	23	6.0	50	
21	16	D6211103	–	29	7.0	50	
21	13	D6212100	–	29	7.0	50	
21	11	D6213107	–	29	7.0	50	
21	09	D6214104	–	29	7.0	50	
29	21	D6291105	–	39	8.0	20	
29	16	D6292102	–	39	8.0	20	
29	13	D6293109	–	39	8.0	20	
29	11	D6294106	–	39	8.0	20	
36	29	D6361105	–	50	8.0	10	
36	21	D6362102	–	50	8.0	10	
36	16	D6363109	–	50	8.0	10	
42	36	D6421106	–	64	10.0	10	
42	29	D6422103	–	64	10.0	10	
48	42	D6491109	–	64	10.0	5	
48	36	D6492106	–	64	10.0	5	
48	26	D6493103	–	64	10.0	5	

All dimensions are in millimetres (mm).

ACCESSORIES

for brass cable glands

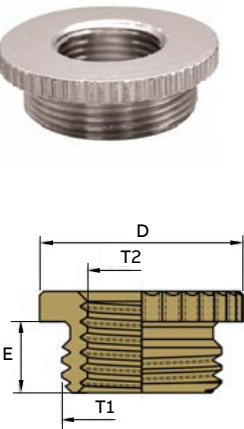
BRASS

HEXAGONAL REDUCERS - NPT

	Thread T1	Thread T2	Part no.		H	E	Pkg. (pcs)
			Standard	+ O-ring			
	NPT						
	3/4"	1/2"	120080013	–	30	20.0	50
	1"	1/2"	120080014	–	36	25.0	20
	1"	3/4"	120080015	–	36	25.0	20
	1"1/4	3/4"	120080016	–	45	25.0	10
	1"1/4	1"	120080017	–	45	25.0	10
	1"1/2	1"	120080018	–	50	26.0	10
	1"1/2	1"1/4	120080019	–	50	26.0	10
2"	1"	120080020	–	64	27.0	5	
2"	1"1/4	120080021	–	64	27.0	5	
2"	1"1/2	120080022	–	64	27.0	5	
3"	2"	120080023	–	95	42.0	1	
3"	2"1/2	120080024	–	95	42.0	1	

All dimensions are in millimetres (mm).

NOTCHED REDUCERS - METRIC / PG

	Thread T1	Thread T2	Part no.	D	E	Pkg. (pcs)
	Notched Metric					
	16	12	D6716123	20	7.0	50
	20	12	D6720123	24	7.0	50
	20	16	D6720163	24	7.0	50
	25	16	D6725163	30	8.0	50
	25	20	D6725203	30	8.0	50
	32	20	D6732203	39	8.5	20
	32	25	D6732253	39	8.5	20
	40	25	D6740253	50	8.5	20
	40	32	D6740323	50	8.5	20
	50	32	D6750323	57	9.5	10
	50	40	D6750403	57	9.5	5
	63	40	D6763403	70	10.5	5
	63	50	D6763503	70	10.5	5
	75	63	D6775633	80	11.5	1
	Notched PG					
	09	07	D6909109	17	6.0	50
	11	07	D6911201	20	6.0	50
	11	09	D6911102	20	6.0	50
	13	07	D6913304	22	6.5	50
	13	09	D6913205	22	6.5	50
	13	11	D6913106	22	6.5	50
	16	07	D6916404	24	6.5	50
	16	09	D6916305	24	6.5	25
	16	11	D6916206	24	6.5	50
	16	13	D6916107	24	6.5	50
	21	11	D6921309	30	7.0	20
	21	13	D6921200	30	7.0	20
	21	16	D6921101	30	7.0	20
	29	16	D6929206	39	8.0	15
	29	21	D6929107	39	8.0	15
	36	21	D6936204	50	9.0	10
	36	29	D6936105	50	9.0	10
	42	29	D6942205	57	10.0	10
	42	36	D6942106	57	10.0	10
	48	36	D6949204	64	10.0	10
	48	42	D6949105	64	10.0	5

All dimensions are in millimetres (mm).

Accessories

for brass cable glands

IP Protection:

- IP68 with sealing

Operating temperature:

- -25°C / +120°C (nitrile)
- -20°C / +200°C (viton)
- -60°C / +160°C (silicone)

Material:

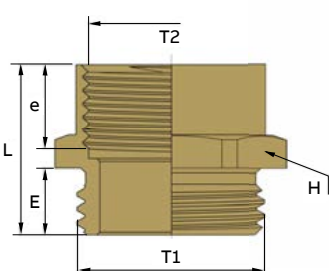
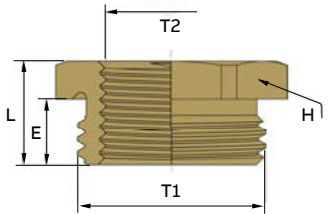
- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A

Thread:

Metric / PG / NPT

BRASS

ADAPTORS - METRIC / PG

	Thread T1 (Metric)	Thread T2 (PG)	Part no.	Type	H	E	e	L
Metric / PG								
 Type A 	12	07	J7512070	A	14	7.0	6.0	17.0
	16	07	J7516070	B	18	7.0	-	10.5
	16	09	J7516090	A	18	7.0	7.0	17.5
	16	11	J7516110	A	22	7.0	7.0	18.0
	16	13	J7516130	A	22	7.0	8.5	19.5
	20	09	J7520090	B	22	7.0	-	11.0
	20	11	J7520110	A	22	7.0	7.0	18.0
	20	13	J7520130	A	22	7.0	8.5	19.5
	20	16	J7520160	A	24	7.0	8.5	20.5
	20	21	J7520210	A	32	7.0	11.0	22.5
	25	09	J7525090	B	27	8.0	-	12.0
	25	11	J7525110	B	27	8.0	-	12.0
	25	13	J7525130	B	27	8.0	-	12.0
	25	16	J7525160	A	27	8.0	8.5	21.5
	25	21	J7525210	A	32	8.0	11.0	23.0
	25	29	J7525290	A	40	8.0	11.0	25.0
	32	13	J7532130	B	34	8.5	-	12.5
	32	16	J7532160	B	34	8.5	-	12.5
	32	21	J7532210	A	34	8.5	11.0	23.5
	32	21	J7532212	B	34	8.5	-	12.5
Type B 	32	29	J7532290	A	40	8.5	11.0	25.0
	40	21	J7540210	B	42	8.5	-	13.5
	40	29	J7540290	A	42	8.5	11.0	25.0
	40	29	J7540292	B	42	8.5	-	13.5
	50	36	J7540360	A	50	8.5	12.0	28.0
	50	29	J7550290	B	52	9.5	-	15.5
	50	36	J7550360	A	52	9.5	12.0	29.0
	63	42	J7550420	A	57	9.5	15.0	31.5
	63	29	J7563290	B	65	10.5	-	17.5
	63	36	J7563360	B	65	10.5	-	17.5
	63	42	J7563420	A	65	10.5	15.0	32.5
	63	42	J7563422	B	65	10.5	-	17.5
	63	48 DIN	J7563490	A	65	10.5	17.0	32.5
	75	48 DIN	J7575490	A	80	11.5	17.0	34.5

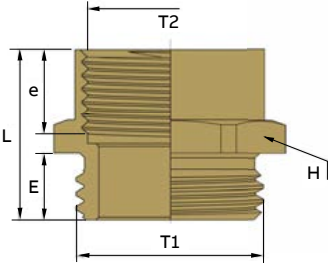
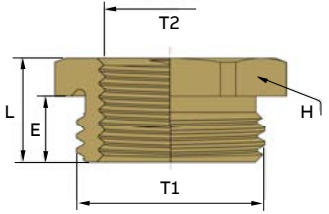
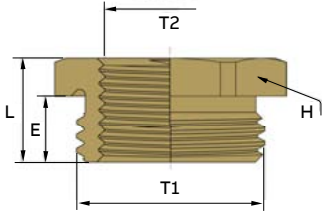
All dimensions are in millimetres (mm).

ACCESSORIES

for brass cable glands

BRASS

ADAPTORS - PG / METRIC

	Thread T1 (PG)	Thread T2 (Metric)	Part no.	Type	H	E	e	L
PG / Metric								
 Type A 	07	12	J7507100	A	17	6.5	7.5	16.5
	07	16	J7507200	A	19	6.5	7.5	16.5
	09	12	J7509100	B	19	6.5	-	10.0
	09	16	J7509200	A	19	6.5	7.5	16.5
	09	20	J7509300	A	22	6.5	7.5	16.5
	11	16	J7511103	B	22	7.0	-	11.0
	11	20	J7511200	A	22	7.0	7.5	17.0
	11	25	J7511300	A	27	7.0	8.5	18.0
	13	16	J7513107	B	24	7.0	-	11.0
	13	20	J7513200	A	24	7.0	7.5	17.0
 Type B 	13	25	J7513300	A	27	7.0	8.5	18.0
	16	20	J7516108	A	27	7.0	7.5	16.0
	16	25	J7516200	A	27	7.0	8.5	18.0
	16	32	J7516300	A	36	7.0	9.0	18.5
	21	25	J7521102	B	32	8.0	-	13.0
	21	32	J7521200	A	36	8.0	9.0	19.5
	21	40	J7521300	A	42	8.0	9.0	19.5
	29	32	J7529108	B	40	8.5	-	14.0
	29	40	J7529200	A	42	8.5	9.0	20.0
	29	50	J7529300	A	55	8.5	10.0	21.0
	36	40	J7536106	B	55	8.5	-	15.0
	36	50	J7536200	A	55	8.5	10.0	21.0
	42	50	J7542100	B	58	10.0	-	16.5
	42	63	J7542200	A	65	10.0	11.0	23.5
	48	50	J7549106	B	65	10.0	-	17.0
	48	63	J7549200	A	65	10.0	11.0	23.5
	48	75	J7549300	A	80	10.0	12.0	24.5

All dimensions are in millimetres (mm).

ADAPTORS - NPT / METRIC

	Thread T1 (NPT)	Thread T2 (Metric)	Part no.	H	E	e	L
NPT / Metric							
	3/8"	16	J7508916	20	15.0	7.5	25.0
	3/8"	20	J7508920	23	15.0	7.5	26.0
	3/8"	25	J7508925	28	15.0	8.5	27.0
	1/2"	16	J7512916	23	20.0	8.0	30.0
	1/2"	20	J7512920	23	20.0	7.5	30.0
	1/2"	25	J7512925	28	20.0	8.5	32.0
	3/4"	16	J7520916	28	20.0	-	24.0
	3/4"	20	J7520920	28	20.0	-	24.0
	3/4"	25	J7520925	28	20.0	8.5	30.0
	3/4"	32	J7520932	36	20.0	9.0	33.0
	1"	20	J7528920	36	25.0	-	31.0
	1"	25	J7528925	36	25.0	-	31.0
	1"	32	J7528932	36	25.0	9.0	37.0
	1"	40	J7528940	46	25.0	9.0	38.0
	1 1/4"	25	J7535925	46	25.0	-	36.0
	1 1/4"	32	J7535932	46	25.0	-	36.0
	1 1/4"	40	J7535940	46	25.0	9.0	38.0
	1 1/2"	40	J7541940	52	26.0	-	37.0
	1 1/2"	50	J7541950	55	26.0	10.0	40.0
	1 1/2"	63	J7541963	70	26.0	11.0	41.0
	2"	50	J7547950	65	27.0	-	38.0
	2"	63	J7547963	70	27.0	11.0	42.0

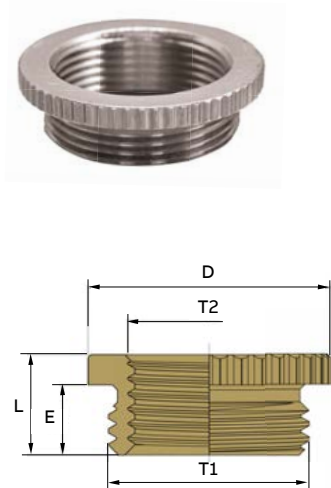
All dimensions are in millimetres (mm).

Accessories

for brass cable glands

IP Protection: • IP68 with sealing	Operating temperature: -25°C / +120°C (nitrile) + O-ring (on request)	Material: • Nickel-plated brass	Thread: Metric / PG	BRASS
---	--	--	-------------------------------	------------------

NOTCHED ADAPTORS - METRIC / PG

	Thread T1 (Metric)	Thread T2 (PG)	Part no.	D	E	L
	Metric / PG					
	16	07	D6916070	20.0	6.0	9.0
	20	09	D6920090	24.0	6.5	9.5
	25	11	D6925110	30.0	7.0	10.0
	25	13	D6925130	30.0	7.0	10.0
	25	16	D6925160	30.0	7.0	10.0
	32	16	D6932160	39.0	8.0	11.5
	32	21	D6932210	39.0	8.0	11.5
	40	21	D6940210	50.0	9.0	12.0
	50	29	D6950290	57.0	9.0	12.0
	63	36	D6963360	70.0	10.5	14.5
	63	42	D6963420	70.0	10.5	14.5

All dimensions are in millimetres (mm).

ACCESSORIES

for brass cable glands

Material:

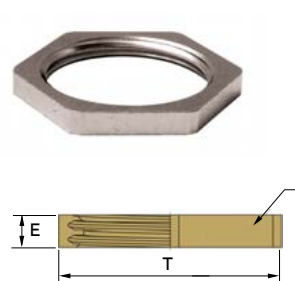
- Nickel-plated brass
- Available in stainless steel
316L-1.4404-V4A

Thread:

Metric / PG / Gas / NPT

BRASS

HEXAGONAL REDUCERS - METRIC / PG

	Thread T	Part no.	H	E	Pkg. (pcs)
	Metric				
	06 x 100	D4306108	8	3.5	50
	08 x 125	D4308102	11	3.5	50
	10	D4310105	12	3.5	50
	12	D4312109	15	3.0	50
	16	D4316107	20	3.0	50
	20	D4320104	24	3.5	50
	25	D4325109	30	3.5	25
	32	D4332107	35	4.5	20
	40	D4340102	45	4.5	10
	50	D4350101	55	5.5	5
	63	D4363101	70	6.0	5
	75	D4375104	80	8.0	5
	80 x 200	D4380100	90	10.0	5
	90 x 200	D4390100	100	12.0	5
	100 x 200	D4399100	110	12.0	5
	110 x 200	D4311100	125	15.0	1
	PG				
	07	D4007104	15	2.9	50
	09	D4008101	18	2.9	50
	09	D4009108	19	2.9	50
	11	D4011101	21	3.1	50
	13	D4013105	23	3.1	50
	16	D4016106	26	3.1	50
	21	D4021100	32	3.6	20
	29	D4029106	41	4.1	20
	36	D4036104	51	5.1	10
	42	D4042105	60	5.1	5
	48	D4049104	64	5.6	5
	Gas				
	G1/4"	D4206101	15	3.0	100
	G3/8"	D4208105	19	3.0	100
	G1/2"	D4212102	24	3.0	100
	G3/4"	D4220107	30	3.5	100
	G1"	D4228103	38	4.5	50
	G1"1/4	D4235101	46	5.0	50
	G1"1/2	D4241102	51	5.0	50
	G2"	D4247104	64	5.5	25
	NPT				
	3/8"	D4208200	20	3.0	50
	1/2"	D4212200	24	4.0	50
	3/4"	D4220200	30	4.0	20
	1"	D4228200	36	5.0	20
	1"1/4	D4235200	46	5.0	20
	1"1/2	D4241200	55	5.5	5
	2"	D4247200	64	5.5	5

All dimensions are in millimetres (mm).

Accessories

for brass cable glands

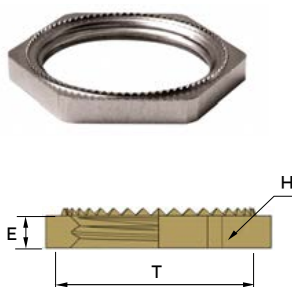
SPECIAL FEATURES

- Earthing locknuts for EMC application

BRASS

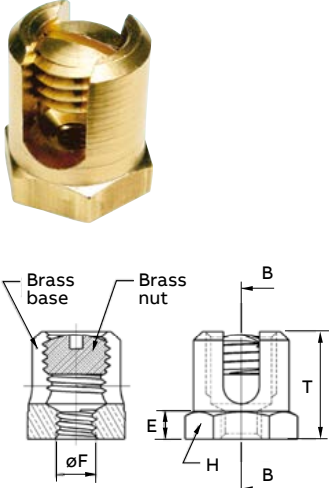
EMC
TESTED

EARTHING LOCKNUTS - METRIC / PG

	Metric					PG				
	Thread T	Part no.	H	E	Pkg. (pcs)	Thread T	Part no.	H	E	Pkg. (pcs)
	12	D3412100	15	3,0	50	07	D4407100	15	2.9	50
	16	D3416100	19	3,0	50	09	D4408100	18	2.9	50
	20	D3420100	24	3,5	50	09	D4409100	19	2.9	50
	25	D3425100	30	3,5	25	11	D4411100	21	3.1	50
	32	D3432100	35	4,5	20	13	D4413100	23	3.1	50
	40	D3440100	45	4,5	10	16	D4416100	26	3.1	50
	50	D3450100	55	5,5	5	21	D4421100	32	3.6	20
	63	D3463100	70	6,0	5	29	D4429100	41	4.1	20
	75	D3475100	80	8,0	5	36	D4436100	51	5.1	10
						42	D4442100	60	5.1	5
						48	D4449100	64	5.6	5

All dimensions are in millimetres (mm).

GROUND TERMINALS (from 25 to 150mm²)

	Model	Part no.	Section (mm²)	Ø Cable		H	E	L	Ø F	Pkg. (pcs)
				Min	Max					
	Ground terminals									
	B 25 - 6	B0525600	25.0	3.0	6.0	17	5.0	19.0	M 6 x 100	50
	B 25 - 7	B0525700	25.0	3.0	6.0	17	5.0	19.0	M 7 x 150	50
	B 25 - 8	B0525800	25.0	3.0	6.0	17	5.0	19.0	M 8 x 125	50
	B 35 - 6	B0535600	35.0	4.0	8.0	19	5.0	22.0	M 6 x 100	50
	B 35 - 7	B0535700	35.0	4.0	8.0	19	5.0	22.0	M 7 x 150	50
	B 35 - 8	B0535800	35.0	4.0	8.0	19	5.0	22.0	M 8 x 125	50
	B 60 - 6	B0560600	60.0	7.0	10.0	21	6.0	26.0	M 6 x 100	50
	B 60 - 7	B0560700	60.0	7.0	10.0	21	6.0	26.0	M 7 x 150	50
	B 60 - 8	B0560800	60.0	7.0	10.0	21	6.0	26.0	M 8 x 125	50
	B 95 - 6	B0595600	95.0	8.0	12.0	24	6.0	30.0	M 6 x 100	25
	B 95 - 7	B0595700	95.0	8.0	12.0	24	6.0	30.0	M 7 x 150	25
	B 95 - 8	B0595800	95.0	8.0	12.0	24	6.0	30.0	M 8 x 125	25
	B 120 - 6	B0512600	120.0	10.0	14.0	26	8.0	34.0	M 6 x 100	20
	B 120 - 7	B0512700	120.0	10.0	14.0	26	8.0	34.0	M 7 x 150	20
	B 120 - 8	B0512800	120.0	10.0	14.0	26	8.0	34.0	M 8 x 125	20
	B 150 - 6	B0515600	150.0	12.0	16.0	30	8.0	40.0	M 6 x 100	10
	B 150 - 7	B0515700	150.0	12.0	16.0	30	8.0	40.0	M 7 x 150	10
	B 150 - 8	B0515800	150.0	12.0	16.0	30	8.0	40.0	M 8 x 125	10

All dimensions are in millimetres (mm).

SCREWS + BI-METAL WASHERS

	Part no.	Description	Qty.
	Screws + bi metal washers		
	B0500000-1	Bi-metal washer (x2) 30 x 6.5 x 2 mm, Aluminium 6060 + Copper	2
	B0500000-2	M6 x 10 mm screw, large head, brass	1
	B0500001-2	M6 x 15 mm screw, large head, brass	1

INDUSTRIAL CABLE GLANDS

Stainless steel cable glands & accessories

INDUSTRIAL CABLE GLANDS (STAINLESS STEEL)



Type	SIB-TEC	SIB-TEC EMC CAGE 360°	WADI-MAX	WADI-TEC
Characteristics				
Stainless steel	•	•	•	•
Universal with lamellas	–	•	–	–
Universal heavy duty	–	–	–	–
For non-armoured cables	–	•	•	–
For armoured cables SWB	–	•	–	–
For round cables	•	–	–	•
EMC	•	•	–	–
Page	82	84	85	86

APPROVALS / STANDARDS



ACCESSORIES (STAINLESS STEEL)



Type	Locknuts	Enlargers	Plugs	Reducers
Characteristics				
Stainless steel	•	•	•	•
Page	87	88	89	90

STAINLESS STEEL

**Industrial
characteristics**



STAINLESS
STEEL

UNIVERSAL
WITH
LAMELLAS

UNIVERSAL
HEAVY
DUTY

FOR NON-
ARMOURED
CABLES

FOR
ARMOURED
CABLES
SWB

FOR
ROUND
CABLES

EMC

SIB-TEC

EMC Stainless steel cable glands

A range of IP66/68 Metric/PG/NPT thread, EMC stainless steel cable glands for use with round cables.

SPECIAL FEATURES

- Reduced sealing available (RED)
- O-ring included
- EMC tested

IP Protection:

- IP66 / 68

Operating temperature

-40°C / +100°C

Thread:

- Metric / PG / NPT

Material:

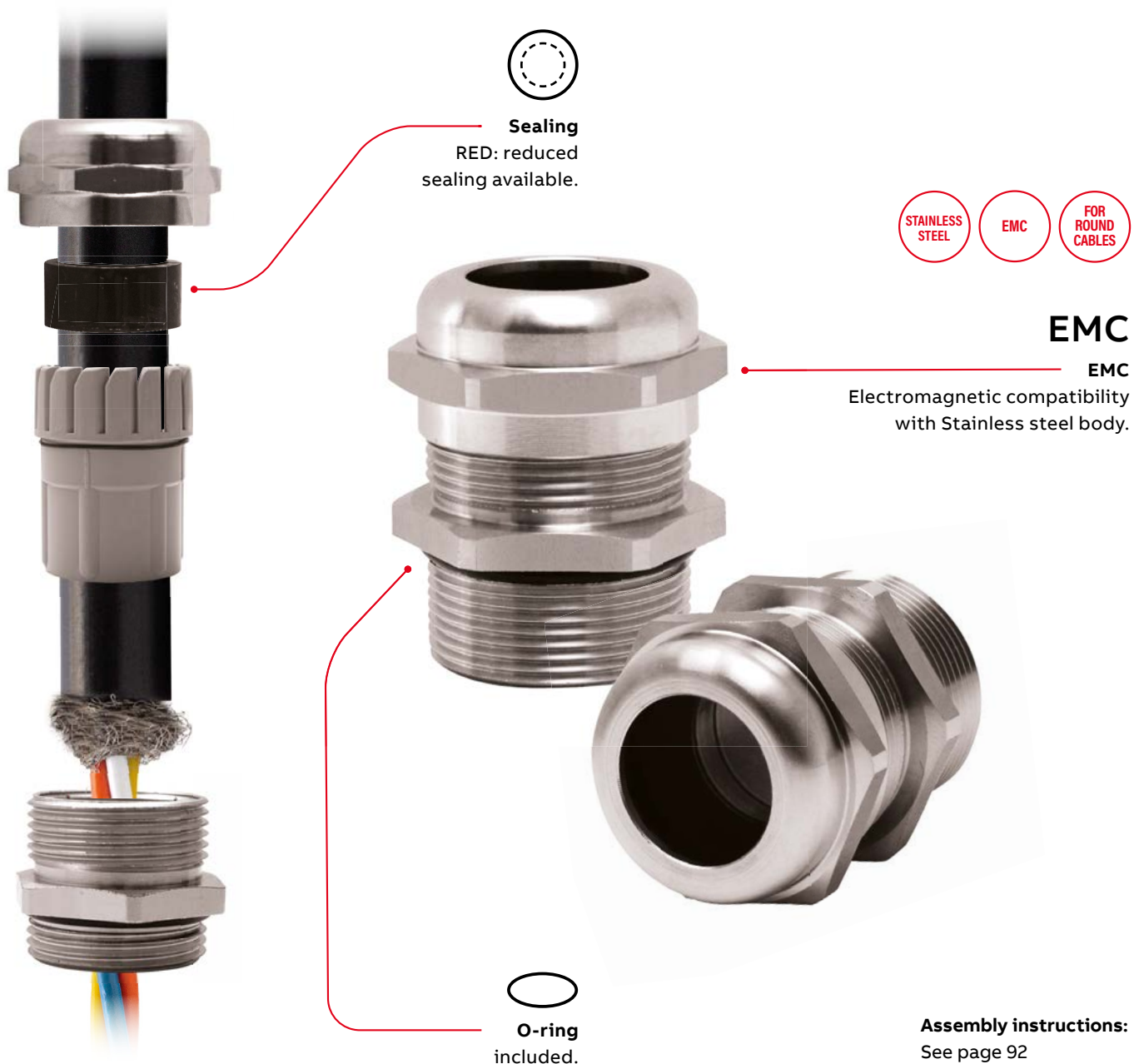
- Stainless steel 316L-1.4404-V4A
- Available in nickel-plated brass
- Seal: Neoprene
- O-ring: Nitrile
- Insert: PA6

Certification:

- IEC 62 444
- DNV: TAE00004KD

Accessories:

See pages 89-90



SIB-TEC cable glands

EMC Stainless steel cable glands



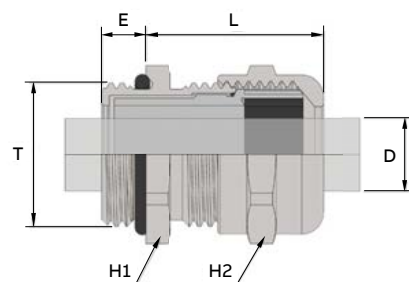
SIB-TEC CABLE GLANDS - METRIC / NPT

Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
		Min	Max					
Metric								
12	C5212105	4.5	6.5	14	15	5.0	20.0	50
16	C5216105	5.0	9.5	19	19	5.0	23.0	50
20	C5220105	8.0	13.0	22	22	6.0	26.0	50
25	C5225105	9.0	16.0	30	29	7.0	28.0	25
32	C5232105	12.0	21.0	36	36	8.0	30.0	20
40	C5240105	16.0	27.0	46	42	8.0	33.0	10
50	C5250105	23.0	35.0	55	55	9.0	37.0	5
63	C5263105	36.0	48.0	65	65	10.0	44.0	5
Metric RED (reduced sealing)								
12	C5212145	3.5	5.0	14	15	5.0	20.0	50
16	C5216145	4.0	7.0	19	19	5.0	23.0	50
20	C5220145*	5.0	10.0	22	22	6.0	26.0	50
25	C5225145	6.0	13.0	30	29	7.0	28.0	25
32	C5232145	8.0	17.0	36	36	8.0	30.0	20
40	C5240145	11.0	22.0	46	42	8.0	33.0	10
50	C5250145	18.0	29.0	55	55	9.0	37.0	5
63	C5263145	29.0	40.0	65	65	10.0	44.0	5
NPT								
3/8"	C5408105	5.0	9.5	19	19	15.0	38.0	50
1/2"	C5412106	8.0	13.0	23	22	20.0	46.0	50
3/4"	C5420105	9.0	16.0	29	29	20.0	48.0	20
1"	C5428105	12.0	21.0	36	36	25.0	55.0	20
NPT RED (reduced sealing)								
3/8"	C5408145	4.0	7.0	19	19	15.0	38.0	50
1/2"	C5412146*	5.0	10.0	23	22	20.0	46.0	50
3/4"	C5420145	6.0	13.0	29	29	20.0	48.0	20
1"	C5428145	8.0	17.0	36	36	25.0	55.0	20

All dimensions are in millimetres (mm).

* Not UL compliant

Thread T	Part no.	E	Pkg. (pcs)
Metric Long			
12	C5312105	15.0	50
16	C5316105	15.0	50
20	C5320105	15.0	50
25	C5325105	15.0	25
32	C5332105	15.0	20
40	C5340105	15.0	10
50	C5350105	15.0	5
63	C5363105	15.0	5
Metric RED Long (reduced sealing)			
12	C5312145	15.0	50
16	C5316145	15.0	50
20	C5320145*	15.0	50
25	C5325145	15.0	25
32	C5332145	15.0	20
40	C5340145	15.0	10
50	C5350145	15.0	5
63	C5363145	15.0	5



SIB-TEC EMC CAGE 360°

EMC Stainless steel cable glands

A range of IP66-4X Metric/NPT thread, EMC stainless steel cable glands for use with armoured or non-armoured cables.

SPECIAL FEATURES

- For single wire braid (SWB)
- Reduced sealing available
- O-ring included
- Additional device for EMC function
- EMC tested

IP Protection:

- IP66 - 4X

Operating temperature:

-40°C / +100°C

Thread:

- Metric / NPT

Material:

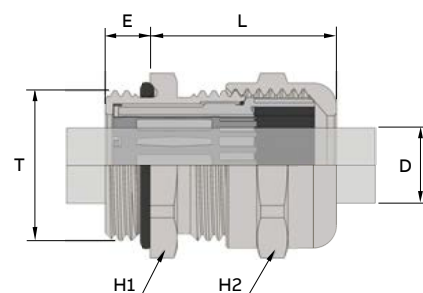
- Stainless steel
316L-1.4404-V4A
- Available in nickel-plated brass
- Seal: Neoprene
- O-ring: Nitrile
- Insert: PA6
- Insert: Stainless steel

Certification:

- IEC 62 444
- VDE: 40048931
- UL: E184471
- DNV: TAE00004KD

Accessories:

See pages 89-90



Assembly instructions:

See page 93

SIB-TEC EMC CAGE 360° CABLE GLANDS - METRIC / NPT



Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
		Min	Max					
Metric								
16	C5216205	4.0	9.5	19	19	5.0	23.0	50
20	C5220205	7.0	13.0	22	22	6.0	26.0	50
25	C5225205	8.0	16.0	30	29	7.0	28.0	25
32	C5232205	11.0	21.0	36	36	8.0	30.0	20
40	C5240205	15.0	27.0	46	42	8.0	33.0	10
50	C5250205	22.0	35.0	55	55	9.0	37.0	5
63	C5263205	35.0	48.0	65	65	10.0	44.0	5
NPT								
3/8"	C5408205	4.0	9.5	19	19	15.0	23.0	50
1/2"	C5412205	7.0	13.0	23	22	20.0	26.0	50
3/4"	C5420205	8.0	16.0	29	29	20.0	28.0	20
1"	C5428205	11.0	21.0	36	36	25.0	30.0	20

All dimensions are in millimetres (mm).

WADI-MAX

Stainless steel cable glands

A range of IP66/68/69K Metric thread, stainless steel cable glands for use with non-armoured cables.

SPECIAL FEATURES

- M72 thread available
- Large range (M12 to M110)
- Extra-large clamping range (from 4 to 93 mm)
- Increased strain relief
- O-ring on entry thread
- Anti-twisting ring
- Viton: Hydrocarbons, oil and acid resistant
- EMC on request

IP Protection:

- IP66 / 68 / 69K

Operating temperature:

- -40°C / +100°C (neoprene)
- On request :
- -60°C / +160°C (silicone)
- -20°C / +200°C (viton)

Thread:

- Metric from M12 to M110
- Other thread on request

Material:

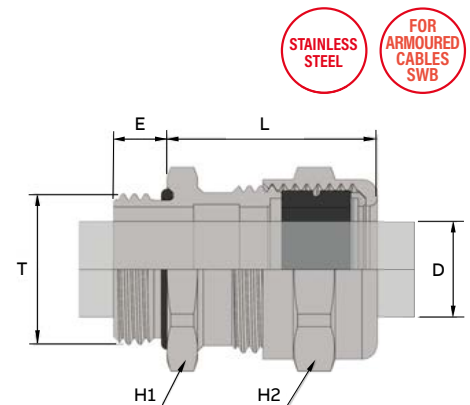
- Stainless steel 316L-1.4404-V4A
- Available in nickel-plated brass
- Seal: Neoprene
- O-ring: Nitrile
- Anti-twisting ring: Polycarbonate

Certification:

- IEC 62 444

Accessories:

See pages 89-90



WADI-MAX CABLE GLANDS - METRIC



Thread T	Part no.			Overall cable diameter D				H1	H2	E	L	Pkg. (pcs)
	Neoprene (N)	Viton (V)	Silicone (Sil)	Min N/V	Max N/V	Min Sil	Max Sil					
Metric												
12	C1804112	C1804912	C1804913	4.0	8.0	4.0	8.0	17	17	7.0	28.0	25
16	C1804116	C1804916	C1804917	4.0	8.0	4.0	8.0	21	17	7.0	28.0	25
16	C1805116	C1805916	C1805917	7.0	12.0	7.0	12.0	21	21	7.0	26.0	25
20	C1806120	C1806920	C1806921	9.0	16.0	11.0	16.0	24	24	7.0	27.0	25
25	C1806125	C1806925	C1806926	9.0	16.0	11.0	16.0	30	24	8.0	27.0	10
25	C1807125	C1807925	C1807926	13.0	20.5	15.0	20.5	30	30	8.0	30.0	10
32	C1807133	C1807932	C1807933	13.0	21.0	15.0	21.0	36	30	8.5	30.0	5
32	C1808132	C1808932	C1808933	16.0	27.0	19.5	27.0	41	41	8.5	39.0	5
40	C1809140	C1809940	C1809941	21.0	34.0	25.0	33.0	50	50	8.5	42.0	5
50	C1810150	C1810950	C1810951	28.0	41.0	32.5	40.0	55	55	9.5	46.0	5
63	C1811163	C1811963	C1811964	34.0	47.5	38.0	47.5	70	65	10.5	47.0	5
63	C1812163	C1812963	C1812964	42.0	53.0	47.0	53.0	70	70	10.5	50.0	5
72 x 200	C1813172	C1813972	C1813973	48.0	65.0	51.0	64.0	85	90	11.5	62.0	1
75	C1813175	C1813975	C1813976	48.0	65.0	51.0	64.0	85	90	11.5	62.0	1
80 x 200	C1814180	C1814980	C1814981	55.0	71.0	62.0	71.0	95	100	12.0	65.0	1
90 x 200	C1815190	C1815990	C1815991	65.0	79.0	71.0	79.0	110	110	12.0	70.0	1
100 x 200	C1816199	C1816999	C1817999	74.0	89.0	78.0	89.0	120	120	12.0	71.0	1
110 x 200	C1817110	C1817910	C1817911	74.0	89.0	78.0	89.0	120	120	12.0	71.0	1

All dimensions are in millimetres (mm).

WADI-TEC

Stainless steel cable glands

A range of IP68 Metric/PG thread, stainless steel cable glands for use with round cables.

SPECIAL FEATURES

- Packing ring GSE food
- Clamping device
- O-ring

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Thread:

- Metric / PG

Material:

- Stainless steel 316L-1.4404-V4A
- Available in nickel-plated brass
- Seal: Santoprene
- O-ring: Nitrile
- Insert: Polycarbonate

Certification:

- IEC 62 444

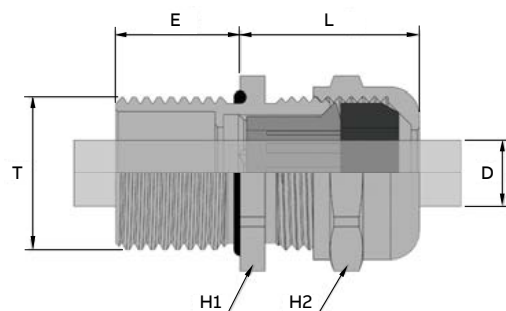
Accessories:

See pages 89-90



STAINLESS
STEEL

ROUND
CABLES



WAD-TEC CABLE GLANDS - METRIC / PG



Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)
		Min	Max					
Metric								
12	R4231200	3.0	6.0	14	14	13.0	20.0	20
16	R4231640	3.0	6.0	14	18	13.0	20.0	20
16	R4231600	6.0	8.0	17	19	13.0	20.0	20
20	R4232040	6.0	10.0	21	22	13.0	21.0	10
20	R4232000	8.0	12.0	22	22	13.0	22.0	10
25	R4232540	9.5	14.0	24	27	14.0	23.0	20
25	R4232500	11.5	18.0	30	30	14.0	29.0	20
32	R4233240	11.5	18.0	30	36	14.5	29.5	20
32	R4233200	15.0	24.0	41	41	14.5	36.5	20
40	R4234000	15.0	24.0	41	42	14.5	36.5	10
50	R4235000	23.0	30.0	50	55	15.5	41.5	5
63	R4236300	26.0	35.0	57	70	16.5	47.5	5
PG								
07	R4210700	3.0	6.0	14	14	15.0	19.0	50
09	R4210900	5.0	8.0	17	17	15.0	19.0	50
11	R4211100	6.0	10.0	21	21	15.0	20.0	50
13	R4211300	8.0	12.0	22	22	15.0	22.0	50
16	R4211600	9.5	14.0	24	24	15.0	23.5	50
21	R4212100	11.5	18.0	30	30	15.0	28.0	20
29	R4212900	15.0	24.0	41	41	15.0	35.0	20
36	R4213600	23.0	30.0	50	50	18.0	41.0	10
42	R4214200	26.0	35.0	57	57	18.0	47.0	10
48	R4214900	35.0	40.0	65	65	18.0	49.0	5

All dimensions are in millimetres (mm).

ACCESSORIES

for stainless steel cable glands

SPECIAL FEATURES

- Application for PG / Metric / NPT

Thread:

- Metric / PG / NPT

Material:

- Stainless steel
316L-1.4404-V4A
- Available in nickel-plated
brass, polyamide



LOCKNUTS - METRIC / PG / NPT

	Thread T	Part Number	H	E	Pkg. (pcs)
	Metric				
	12	D7812920	15	3.0	50
	16	D7816920	19	3.0	50
	20	D7820920	24	3.5	50
	25	D7825920	30	3.5	25
	32	D7832920	36	4.5	20
	40	D7840920	46	4.5	10
	50	D7850920	55	5.5	5
	63	D7863920	70	6.0	5
	75	D7875920	80	8.0	1
	80 x 200	D7880920	90	10.0	1
	90 x 200	D7890920	100	12.0	1
	100 x 200	D7899920	110	12.0	1
	110 x 200	ON REQUEST	125	15.0	1
	PG				
	07	D7806910	15	2.9	50
	09	D7808913	19	2.9	50
	11	D7810916	21	3.1	50
	13	D7812910	23	3.1	50
	16	D7814914	26	3.1	50
	21	D7818912	32	3.6	20
	29	D7824913	42	4.1	20
	36	D7830914	57	5.1	10
	42	D7835919	60	5.1	5
	48 DIN	D7841910	65	5.6	5
	NPT				
	3/8"	D7838930	21	3,0	50
	1/2"	D7812930	24	4,0	50
	3/4"	D7821930	30	4,0	20
	1"	D7828930	36	5,0	20
	1"1/4	D7835930	46	5,0	20
	1"1/2	D7841930	55	5,5	20
	2"	D7847930	65	5,5	10
	2"1/2	D7848930	80	6,6	5

All dimensions are in millimetres (mm).

ACCESSORIES

for stainless steel cable glands

IP Protection:

- IP68

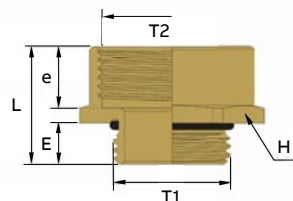
Thread:

- NPT

Material:

- Stainless steel
316L-1.4404-V4A
- Available in nickel-plated
brass

STAINLESS
STEEL

ENLARGERS - NPT


Thread		Part no.	H	E	e	L	Pkg. (pcs)
T1	T2						
NPT							
1/2"	3/4 "	120090001	30	20.0	20.5	47.0	1
3/4"	1"	120090002	41	20.0	25.5	54.0	1
1"	1"1/4	120090003	50	25.0	25.5	59.0	1
1"1/4	1"1/2	120090004	55	25.0	26.5	59.0	1
1"1/2	2"	120090005	65	26.0	27.5	63.0	1
2"	2"1/2	120090006	85	27.0	40.5	78.0	1
2"1/2	3"	120090007	110	40.0	42.5	96.0	1

All dimensions are in millimetres (mm).

Accessories

for stainless steel cable glands

SPECIAL FEATURES

- O-ring on entry thread

IP Protection:

- IP68 with O-ring

Operating temperature:

-25°C / +120°C (nitrile)

Thread:

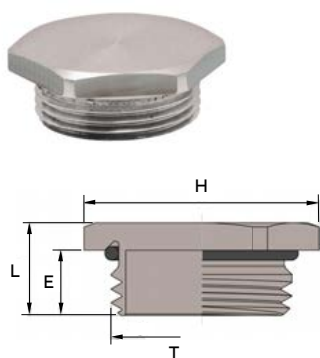
- Metric / PG

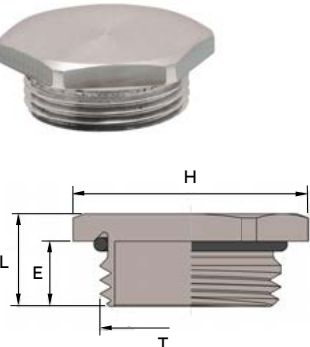
Material:

- Stainless steel
316L-1.4404-V4A
- Available in nickel-plated
brass, polyamide
- O-ring: Nitrile



PLUGS - METRIC / PG



	Thread	Part no.		H	E	L	Pkg. (pcs)
	T	+ O-ring					
	Metric						
	12	D7891240	D7891241	17	7.0	10.0	50
	16	D7891640	D7891641	19	7.0	10.0	50
	20	D7892040	D7892041	23	7.0	10.0	50
	25	D7892540	D7892541	29	8.0	11.5	25
	32	D7893240	D7893241	39	8.5	12.5	10
	40	D7894040	D7894041	45	8.5	12.5	10
	50	D7895040	D7895041	58	9.5	14.5	10
	63	D7896340	D7896341	70	10.5	17.5	5
	PG						
	09	D7890940	D7890941	17	6.0	9.0	50
	11	D7891140	D7891141	19	6.0	9.0	50
	13	D7891340	D7891341	21	6.5	9.5	50
	16	D7891740	D7891741	23	6.5	9.5	50
	21	D7892140	D7892141	30	7.0	11.0	20
29	D7892940	D7892941	40	8.0	12.0	20	

All dimensions are in millimetres (mm).

Accessories

for stainless steel cable glands

SPECIAL FEATURES

- O-ring on entry thread

Operating temperature:
-25°C / +120°C (nitrile)

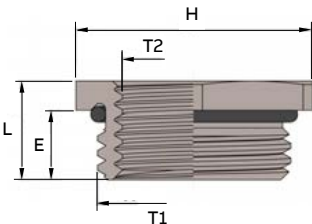
Thread:
• Metric / NPT

Material:

- Stainless steel
316L-1.4404-V4A
- Available in nickel-plated
brass, polyamide
- O-ring: Nitrile



REDUCERS - METRIC / NPT

	Thread		Part no.		H	E	L	Pkg. (pcs)	
	T1	T2	+ O-ring						
 	Metric								
	16	12	D7816120	D7816121	21	7.0	10.0	50	
	20	12	D7820120	D7820121	24	7.0	10.0	50	
	20	16	D7820165	D7820166	24	7.0	10.0	50	
	25	16	D7825160	D7825161	30	8.0	11.5	20	
	25	20	D7825200	D7825201	30	8.0	12.0	20	
	32	16	D7832165	D7832166	36	8.5	12.5	20	
	32	20	D7832200	D7832201	36	8.5	12.5	20	
	32	25	D7832250	D7832251	36	8.5	12.5	20	
	40	20	D7840200	D7840201	46	8.5	12.5	10	
	40	25	D7840250	D7840251	46	8.5	12.5	10	
	40	32	D7840320	D7840321	46	8.5	12.5	10	
	50	25	D7850250	D7850251	55	9.5	14.5	5	
	50	32	D7850320	D7850321	55	9.5	14.5	5	
	50	40	D7850401	D7850402	55	9.5	14.5	5	
	63	32	D7863320	D7863321	70	10.5	17.5	5	
	63	40	D7863400	D7863401	70	10.5	17.5	5	
	63	50	D7863501	D7863502	70	10.5	17.5	1	
	Thread								
	T1	T2	Part no.		H	E	L	Pkg. (pcs)	
NPT									
3/4"	1/2"	120080001		30	20,0	26,0	1		
1"	1/2"	120080002		36	25,0	33,0	1		
1"	3/4"	120080003		36	25,0	33,0	1		
1"1/4	3/4"	120080004		46	25,0	35,0	1		
1"1/4	1"	120080005		46	25,0	35,0	1		
1"1/2	1"	120080006		50	26,0	36,0	1		
1"1/2	1"1/4	120080007		50	26,0	36,0	1		
2"	1"	120080008		65	27,0	39,0	1		
2"	1"1/4	120080009		65	27,0	39,0	1		
2"	1"1/2	120080010		65	27,0	39,0	1		
3"	2"	120080011		95	42,0	57,0	1		
3"	2"1/2	120080012		95	42,0	57,0	1		

All dimensions are in millimetres (mm).

ASSEMBLY INSTRUCTIONS

EMC cable glands (stainless steel / brass)

Assembly instructions for the **SIB-TEC, SIB TEC EMC CAGE 360°**, **WADI-MAX EMC** and **WADI-TEC EMC CAGE 360°** cable glands (stainless steel) for industrial applications.

01



02



03



04



01 SIB-TEC
(stainless steel / brass).

02 SIB-TEC EMC CAGE 360°
(stainless steel / brass).

03 WADI-MAX EMC
(nickel-plated brass).

04 WADI-MAX EMC CAGE 360°
(nickel-plated brass).



EMC TESTED

Electromagnetic compatibility
with stainless steel body or
nickel-plated brass body.

SIB-TEC ASSEMBLY INSTRUCTIONS

START YOUR INSTALLATION

01

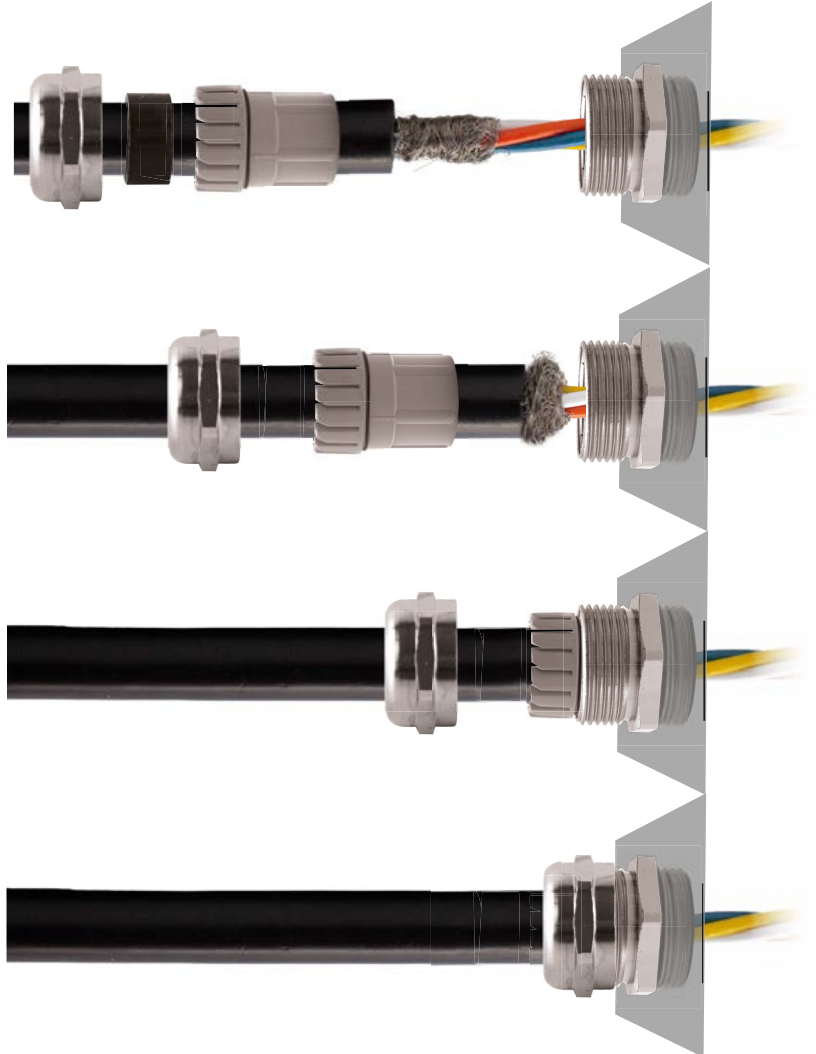
Unscrew the cap nut for 1 or 2 turns.

02

The braid must be compressed between the insert and the flange blocking.

03

Tighten the cap nut completely.



USE

Machines / cabling of factories / boxes and enclosures.

TECHNICAL ADVANTAGES SIB-TEC & SIB-TEC EMC CAGE 360°

- Recommended for braided cables
- Easy and quick mounting
- No need to disassemble the cap nut for the passage of the cable
- IP68
- Electromagnetic compatibility for shielded cables
- Used on Steel Wire Braided cable (SWB)
- Used on Steel Tape Armoured cable (STA)
- Resistance to salt spray: 500 hours

SIB-TEC EMC CAGE 360° ASSEMBLY INSTRUCTIONS

START YOUR INSTALLATION

01

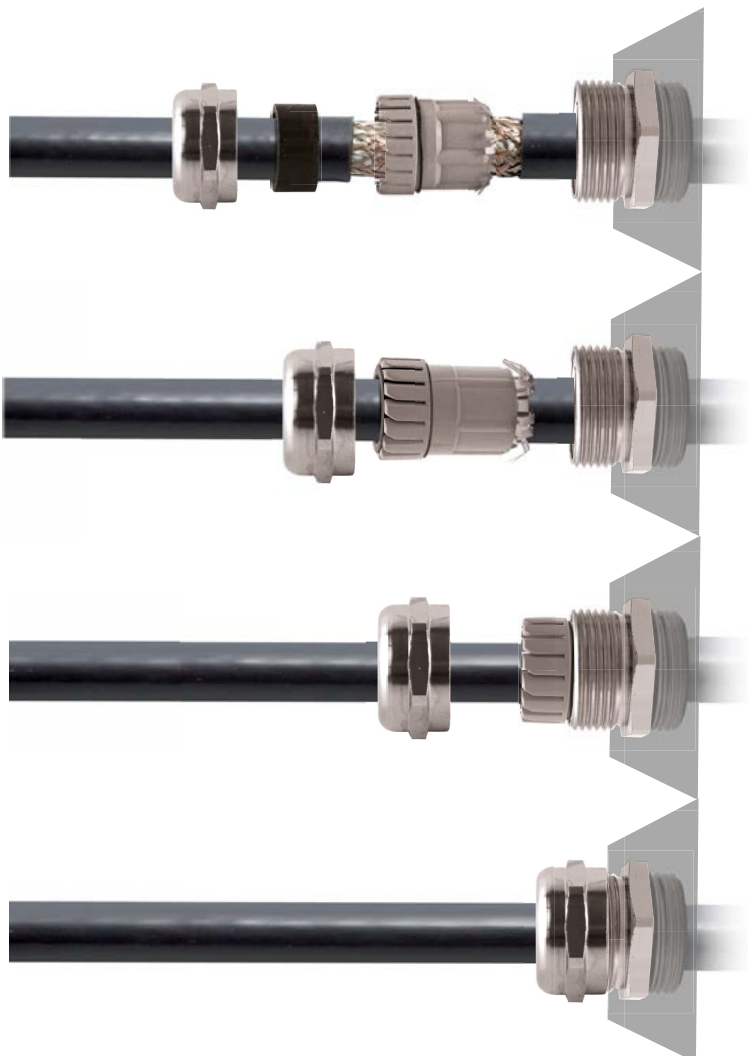
Unscrew the cap nut for 1 or 2 turns.

02

Introduce the cable trough to the
EMC inserts.

03

Tighten the cap nut completely.



USE

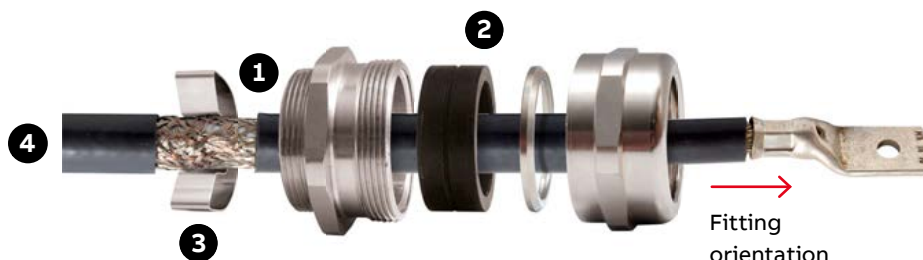
Machines / cabling of factories /
boxes and enclosures.

USE OF WADI-MAX EMC

START YOUR INSTALLATION

01

Cut the jacket of the cable.



02

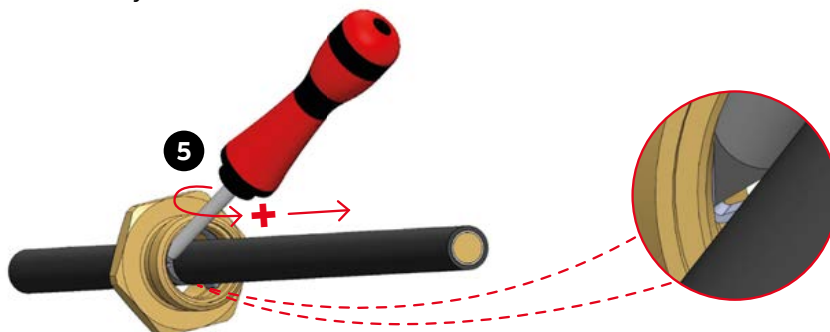
Insert the cable through the assembly: cap-nut + ring + sealing + body.

05

Disassembly.

03

Assembly of the EMC cage on the cable.



04

Insert the EMC cage into the body by pulling the cable in the direction of the red arrow until hearing a "click".

USE

Machines / cabling of factories / boxes and enclosures.

WADI-TEC EMC CAGE 360° ASSEMBLY INSTRUCTIONS

START YOUR INSTALLATION

01

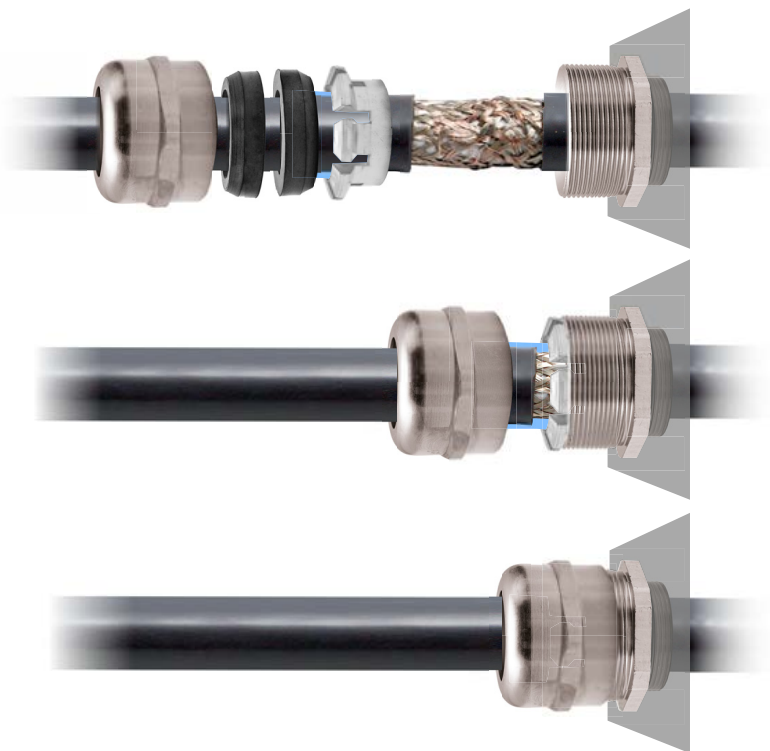
Unscrew the cap nut for 1 or 2 turns.

02

Introduce the cable trough to the
EMC inserts.

03

Tighten the cap nut completely.



USE

Machines / cabling of factories /
boxes and enclosures.

TECHNICAL ADVANTAGES WADI-TEC EMC & WADI-TEC EMC CAGE 360°

- Recommended for braided cables
- Easy and quick mounting
- No need to disassemble the cap nut for the passage of the cable
- IP68
- Electromagnetic compatibility for shielded cables
- Used on Single Wire Armour cable (SWA)
- Used on Steel Wire Braided cable (SWB)
- Used on Steel Tape Armoured cable (STA)
- Resistance to salt spray: 500 hours

03



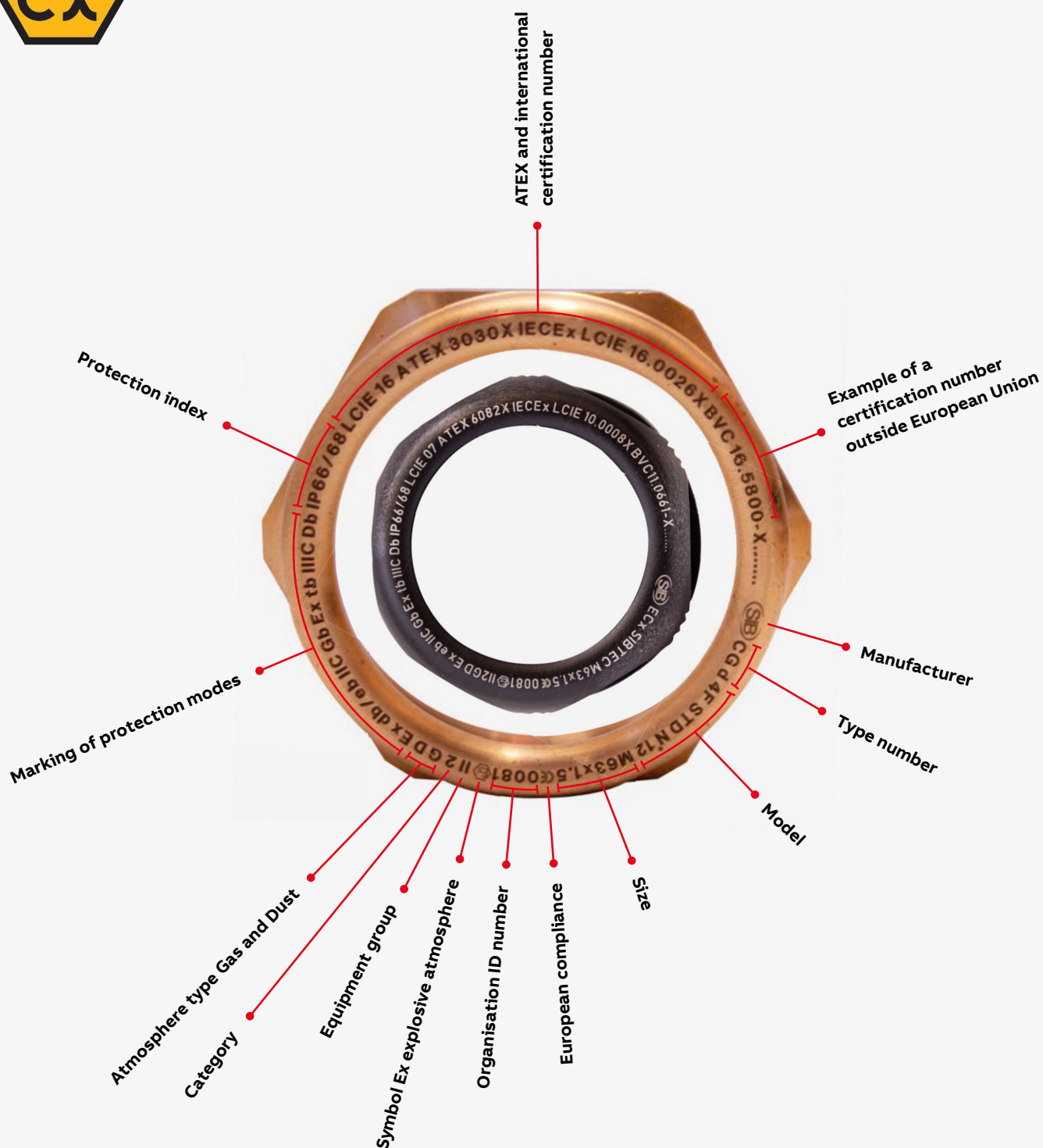
SIB® manufactures a specific range of explosive atmosphere cable glands adapted to the oil and gas industry. Suitable for ATEX electrical usage in industrial, maritime, oil & gas and petrochemical applications.

EXPLOSIVE ATMOSPHERE CABLE GLANDS

098	ATEX markings
099–104	Plastic explosive atmosphere cable glands
105–107	ATEX accessories (plastic)
108–123	Brass explosive atmosphere cable glands
124–135	ATEX accessories (brass)
136–141	Specifications
142–145	Assembly instructions

ATEX MARKINGS

for Explosive atmosphere cable glands



EXPLOSIVE ATMOSPHERE CABLE GLANDS

Plastic cable glands & accessories

Characteristics
for explosive
atmospheres

EXPLOSIVE ATMOSPHERE CABLE GLANDS (PLASTIC)



Type	SIB-TEC	WADI-TEC ECEA	WADI-TEX GSE
Characteristics			
Plastic	•	•	•
Ex e	•	•	•
Universal with lamellas	•	–	–
For non-armoured cables	•	•	•
Page	100	102	104

PLASTIC

EXE

UNIVERSAL
WITH
LAMELLAS

FOR NON-
ARMoured
CABLES

APPROVALS / STANDARDS



ATEX ACCESSORIES (PLASTIC)



Type	Hexagonal plugs Ex e	Enlargers Ex e	Hexagonal reducers Ex e	Shrouds
Characteristics				
Plastic	•	•	•	–
Flexible PVC	–	–	–	•
Ex e	•	•	•	–
Page	105	106	106	107

SIB-TEC

Explosive atmosphere cable glands (Plastic)

A range of IP66/68 Metric/NPT thread, Ex e explosive atmosphere plastic cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Flat seal on metric thread
- Designed to secure the round cables entry through control cabinets or electrical boxes
- Optimal clamping and sealing of the cable due to the 360° compression by the lamella technology
- Two sealings part can be used alternatively to extend the clamping range

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

- M12: -20°C / +80°C
- M16 to M63 & NPT: -35°C / +90°C

Colours available:

- RAL 9005
- RAL 5012 on request

Material:

- Polyamide 66
- Polyamide 6
- Seal: Neoprene
- Flat sealing: Neoprene

Certification:

- EN / IEC 60079-0
- EN / IEC 60079-7
- EN / IEC 60079-31
- VDE (Metric): 40046804
- UL: E184471
- ATEX: LCIE 07 ATEX 6082 X
- IECEx: LCI 10.0008 X
- INMETRO: BVC11.0661-X
- DNV: TAE00004VE
- TR CU EX : RU C-FR.BH02.B.00558/20
- CML 22UKEX3759X
- UA.TR.006.E.99901-23 X

ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC/IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

Thread:

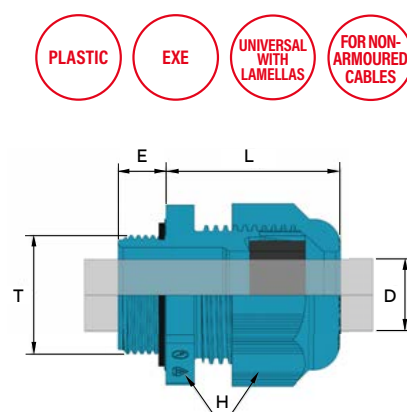
Metric / NPT

ATEX accessories:

See pages 105-107



ATEX markings.



SIB-TEC - METRIC / NPT



006

Thread T	Part no.		Overall cable diameter D						H	E	L	Pkg. (pcs)
			(mm)		(inch)							
			Min	Max	Min	Max						
Metric												
12	F8021200E	F7421200E	4.0	6.5	15	8.0	24.0	50	24.0	50		
16S	F8021650E	F7421650E	5.0	8.0	19	10.0	27.0	50	27.0	50		
16L	F8021600E	F7421600E	5.0	10.0	22	10.0	29.0	50	29.0	50		
20S	F8022050E	F7422050E	7.0	12.0	24	10.0	30.0	50	30.0	50		
20L	F8022000E	F7422000E	10.0	14.0	27	10.0	33.0	50	33.0	50		
25S	F8022550E	F7422550E	10.0	14.0	27	10.0	35.0	50	35.0	50		
25L	F8022500E	F7422500E	12.0	18.0	33	10.0	39.0	25	39.0	25		
32	F8023200E	F7423200E	16.0	25.0	42	10.0	42.0	20	42.0	20		
40	F8024000E	F7424000E	22.0	32.0	53	10.0	52.0	10	52.0	10		
50	F8025000E	F7425000E	28.0	38.5	60	12.0	55.0	5	55.0	5		
63	F8026300E	F7426300E	40.0	48.0	70	12.0	56.0	5	56.0	5		

All dimensions are in millimetres (mm).

	Part no.				
Thread				Pkg.	
T	RAL 9005	RAL 5012	E	(pcs)	Locknuts
Metric Long					
12	F8031200E	F7431200E	15.0	50	D4312109
16S	F8031650E	F7431650E	15.0	50	D4316107
16L	F8031600E	F7431600E	15.0	50	D4316107
20S	F8032050E	F7432050E	15.0	50	D4320104
20L	F8032000E	F7432000E	15.0	50	D4320104
25S	F8032550E	F7432550E	15.0	50	D4325109
25L	F8032500E	F7432500E	15.0	25	D4325109
32	F8033200E	F7433200E	15.0	20	D4332107
40	F8034000E	F7434000E	16.0	10	H4340110
50	F8035000E	F7435000E	16.0	5	H4350110
63	F8036300E	F7436300E	16.0	5	H4363110

SIB-TEC cable glands

Explosive atmosphere cable glands (Plastic)



SIB-TEC - METRIC / NPT

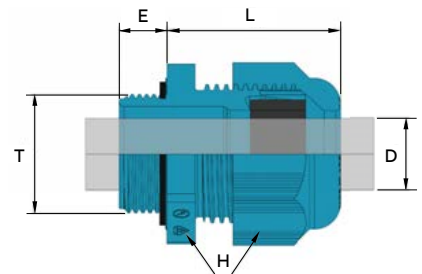


006

Thread T	Part no.		Overall cable diameter D						H	E	L	Pkg. (pcs)
	 RAL 9005	 RAL 5012	(mm)		(inch)							
			Min	Max	Min	Max						
Metric RED (reduced sealing)												
12	F8021240E	F7421240E	3.0	5.0	15	8.0	24.0	50	24.0	50		
16S	F8021660E	F7421660E	4.0	6.0	19	10.0	27.0	50	27.0	50		
16L	F8021640E	F7421640E	4.0	7.0	22	10.0	29.0	50	29.0	50		
20S	F8022060E	F7422060E	5.0	9.0	24	10.0	30.0	50	30.0	50		
20L	F8022040E	F7422040E	8.0	12.0	27	10.0	33.0	50	33.0	50		
25S	F8022560E	F7422560E	8.0	12.0	27	10.0	35.0	25	35.0	50		
25L	F8022540E	F7422540E	10.0	16.0	33	10.0	39.0	25	39.0	25		
32	F8023240E	F7423240E	14.0	21.0	42	10.0	42.0	20	42.0	20		
40	F8024040E	F7424040E	16.0	26.0	53	10.0	52.0	10	52.0	10		
50	F8025040E	F7425040E	20.0	31.0	60	12.0	55.0	5	55.0	5		
63	F8026340E	F7426340E	30.0	39.0	70	12.0	56.0	5	56.0	5		
NPT												
3/8"	F8040800E	F7440800E	5.0	8.0	19	11.0	27.0	50	27.0	50		
1/2"	F8041200E	F7441200E	7.0	12.0	24	14.0	30.0	50	30.0	50		
3/4"	F8042000E	F7442000E	12.0	18.0	33	15.0	39.0	20	39.0	20		
1"	F8042800E	F7442800E	16.0	25.0	42	18.0	42.0	20	42.0	20		
NPT RED (reduced sealing)												
3/8"	F8040840E	F7440840E	4.0	6.0	19	11.0	27.0	50	27.0	50		
1/2"	F8041240E	F7441240E	5.0	9.0	24	14.0	30.0	50	30.0	50		
3/4"	F8042040E	F7442040E	10.0	16.0	33	15.0	39.0	20	39.0	20		
1"	F8042840E	F7442840E	14.0	21.0	42	18.0	42.0	20	42.0	20		

All dimensions are in millimetres (mm).

Part no.					
Thread			Pkg.		
T	RAL 9005	RAL 5012	E	(pcs)	Locknuts
Metric Long RED (reduced sealing)					
12	F8031240E	F7431240E	15.0	50	D4312109
16S	F8031660E	F7431660E	15.0	50	D4316107
16L	F8031640E	F7431640E	15.0	50	D4316107
20S	F8032060E	F7432060E	15.0	50	D4320104
20L	F8032040E	F7432040E	15.0	50	D4320104
25S	F8032560E	F7432560E	15.0	25	D4325109
25L	F8032540E	F7432540E	15.0	25	D4325109
32	F8033240E	F7433240E	15.0	20	D4332107
40	F8034040E	F7434040E	16.0	10	H4340110
50	F8035040E	F7435040E	16.0	5	H4350110
63	F8036340E	F7436340E	16.0	5	H4363110



WADI-TEC ECEA GSE

Explosive atmosphere cable glands (Plastic)

A range of IP66/68 Metric/PG thread, Ex e explosive atmosphere, peelable sealing plastic cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Designed to secure the round cables entry through control cabinets or electrical boxes
- With a single pre-cut sealing to allow several clamping range
- Improved strain relief

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-20°C / +55°C

Colour available:

- RAL 9005

Material:

- Polyamide 6 glassfiber
- 25% reinforced
- Seal: Neoprene
- Flat sealing: Neoprene

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 99 ATEX 6030 X
- INMETRO : BVC11.0662-X
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

- Metric / PG
- PG only for Ex eb applications

ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC/IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

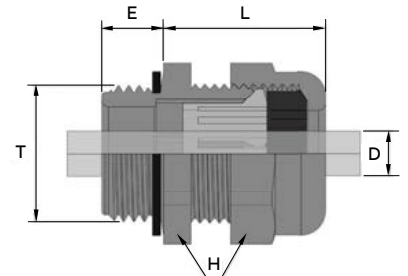
See pages 105-107



Sealing
Peelable sealing.



ATEX
markings.



WADI-TEC ECEA - METRIC



Thread T	Part no.	Overall cable diameter D				H	E	L	Flat sealing	Locknuts	Pkg. (pcs)
		Clamping range A**	Clamping range B***								
Metric											
16	Z7821600E	5.5	8.5	3.5	5.5	19	8.0	24.0	D9109001	D4316107	50
20 ^{/1}	Z7822000E	8.0	12.5	5.0	8.0	24	9.0	27.0	D9420007	D4320104	50
20 ^{/2}	Z7822010E	10.0	14.0	6.5	10.0	27	9.0	30.0	D9420007	D4320104	50
25	Z7822500E	12.5	18.5	8.0	12.5	33	11.0	33.0	D9425002	D4325109	50
32	Z7823200E	18.0	25.0	10.0	18.0	42	12.0	43.0	D9432000	D4332107	20
Metric Long											
16	Z7831600E	5.5	8.5	3.5	5.5	19	15.0	24.0	D9109001	D4316107	50
20 ^{/1}	Z7832000E	8.0	12.5	5.0	8.0	24	15.0	27.0	D9420007	D4320104	50
20 ^{/2}	Z7832010E	10.0	14.0	6.5	10.0	27	15.0	27.0	D9420007	D4320104	50
25	Z7832500E	12.5	18.5	8.0	12.5	33	16.0	29.0	D9425002	D4325109	50
32	Z7833200E	18.0	25.0	10.0	18.0	42	16.0	33.0	D9432000	D4332107	20
40	Z7834000E	24.0	34.0	–	–	55	15.0	47.0	D9440005	D4040102	10
50	Z7835000E	34.0	42.0	–	–	65	15.0	50.0	D9450004	D4050101	5
63	Z7836300E	40.0	48.0	–	–	70	15.0	50.0	D9463004	D4063101	5

* No peelable / ** Intrinsic clamping range / *** With attached cable mooring.
All dimensions are in millimetres (mm).

WADI-TEC ECEA cable glands

Explosive atmosphere cable glands (Plastic)

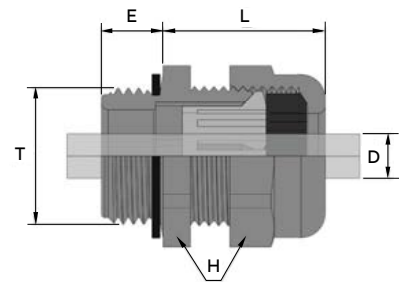


WADI-TEC ECEA - PG



Thread T	Part no.	Overall cable diameter D				H	E	L	Flat sealing	Locknuts	Pkg. (pcs)
		Clamping range A**	Clamping range B***								
PG											
09	Z7800900E	5.5	8.5	3.5	5.5	19	8.0	24.0	D9109001	D4009108	50
11	Z7801100E	6.5	10.5	4.0	6.5	22	8.0	27.0	D9111004	D4011101	50
13	Z7801300E	8.0	12.5	5.0	8.0	24	9.0	27.0	D9113008	D4013105	50
16	Z7801600E	10.0	14.0	6.5	10.0	27	10.0	30.0	D9116009	D4016106	50
21	Z7802100E	12.5	18.5	8.0	12.5	33	11.0	33.0	D9121003	D4021100	20
29	Z7802900E	18.0	25.0	10.0	18.0	42	12.0	43.0	D9121003	D4021100	20
PG Long											
09	Z7810900E	5.5	8.5	3.5	5.5	19	15.0	24.0	D9109001	D4009108	50
11	Z7811100E	6.5	10.5	4.0	6.5	22	15.0	27.0	D9111004	D4011101	50
13	Z7811300E	8.0	12.5	5.0	8.0	24	15.0	27.0	D9113008	D4013105	50
16	Z7811600E	10.0	14.0	6.5	10.0	27	15.0	30.0	D9116009	D4016106	50
21	Z7812100E	12.5	18.5	8.0	12.5	33	15.0	34.0	D9121003	D4021100	20
29	Z7812900E	18.0	25.0	10.0	18.0	42	15.0	43.0	D9129009	D4029106	20
36	Z7813600E*	24.0	34.0	–	–	55	18.0	47.0	D9136007	D4036104	5
42	Z7814200E*	34.0	42.0	–	–	65	18.0	50.0	D9142008	D4042105	5
48	Z7814900E*	40.0	48.0	–	–	70	18.0	50.0	D9148000	D4049104	5

* No peelable / ** Intrinsic clamping range / *** With attached cable mooring.
All dimensions are in millimetres (mm).



WADI-TEC GSE

Explosive atmosphere cable glands (Plastic)

A range of IP66/68 Metric/PG thread, Ex e explosive atmosphere plastic cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Designed to secure the round cables entry through control cabinets or electrical boxes

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-20°C / +55°C

Colour available:

- RAL 9005

Material:

- Polyamide 6 glassfiber
- 25% reinforced
- Seal: TPE
- Flat sealing: Neoprene

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 99 ATEX 6030 X
- INMETRO : BVC11.0662-X
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

- Metric / PG
- PG only for Ex eb applications

ATEX specifications:

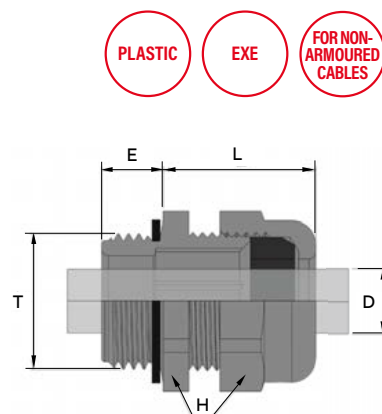
- Type of protection: Ex eb / Ex tb
- Equipment group: IIC/IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 105-107



ATEX markings.



SIB-TEC - METRIC / NPT

Thread T	Part no.	Overall cable diameter D		H	E	L
		Min	Max			
Metric						
16	Z7121600E	4.5	8.0	19	8.0	24.0
20	Z7122000E	7.0	12.0	24	9.0	27.0
20	Z7122010E	9.0	14.0	27	9.0	30.0
25	Z7122500E	11.5	18.0	33	11.0	33.0
32	Z7123200E	16.0	24.5	42	12.0	43.0
PG						
09	Z7100900E	4.5	8.0	15	8.0	24.0
11	Z7101100E	5.5	10.5	22	8.0	27.0
13	Z7101300E	7.0	12.0	24	9.0	27.0
16	Z7101600E	9.0	14.0	27	10.0	30.0
21	Z7102100E	11.5	18.0	33	11.0	33.0
29	Z7102900E	16.0	24.5	42	12.0	43.0

All dimensions are in millimetres (mm).

Thread T	Part no.	E	L	Pkg. (pcs)	Flat sealing	Locknuts
Metric Long						
16	Z7131600E	15.0	24.0	50	D9109001	D4316107
20	Z7132000E	15.0	27.0	50	D9420007	D4320104
20	Z7132010E	15.0	30.0	50	D9420007	D4320104
25	Z7132500E	15.0	33.0	20	D9425002	D4325109
32	Z7133200E	15.0	43.0	20	D9432000	D4332107
PG Long						
09	Z7110900E	15.0	24.0	50	D9109001	D4009108
11	Z7111100E	15.0	27.0	50	D9111004	D4011101
13	Z7111300E	15.0	27.0	50	D9113008	D4013105
16	Z7111600E	15.0	30.0	50	D9116009	D4016106
21	Z7112100E	15.0	34.0	20	D9121003	D4021100
29	Z7112900E	15.0	43.0	20	D9129009	D4029106

ATEX ACCESSORIES

for plastic cable glands

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

Polyamide 6 glassfiber
25% reinforced: -35°C / +90°C

Material:

- Polyamide 6 glassfiber
25% reinforced (metric)
- PG on request (polycarbonate)
- Flat sealing: Neoprene

Colour available:

- RAL 9005

Thread:

- Metric
- PG only for Ex eb applications

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- LCIE 03 ATEX 0033 U
- IECEx LCIE 10.0009U
- INMETRO: BVC11.0664-U
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- CML 22UKEX3758U
- UA.TR.006.B.99902-23 U

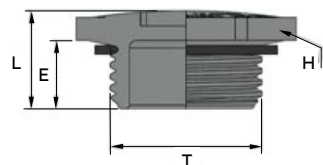
ATEX specifications:

- Type of protection:
Ex eb / Ex tb
- Equipment group:
IIC/IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

BRASS

EXE

HEXAGONAL PLUGS Ex e - METRIC



Thread T	Part no.		H	E	L	Pkg. (pcs)	Sealing	Locknuts
	Without sealing	+ Flat sealing						
Metric								
12	G4812220E	G4812221E	16	8.0	11.0	50	D9412002	D4312109
16	G4816220E	G4816221E	20	8.0	12.0	50	D9109001	D4316107
20	G4820220E	G4820221E	26	9.0	13.0	50	D9420007	D4320104
25	G4825220E	G4825221E	32	10.0	15.0	20	D9425002	D4325109
32	G4832220E	G4832221E	40	11.0	16.5	20	D9432000	D4332107
40	G4840220E	G4840221E	48	12.0	18.0	20	D9440005	D4340102
50	G4850220E	G4850221E	55	13.0	21.0	10	D9450004	D4350101
63	G4863220E	G4863221E	70	15.0	24.5	5	D9463004	D4363101

All dimensions are in millimetres (mm).

ATEX ACCESSORIES

for plastic cable glands

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

Polyamide 6 glassfiber
25% reinforced: -35°C / +90°C

Material:

- Polyamide 6 glassfiber
25% reinforced (metric)
- PG on request (polycarbonate)
- Flat sealing: Neoprene

Colour available:

- RAL 7001
- RAL 9005

Thread:

- Metric
- PG only for Ex eb applications

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- LCIE 03 ATEX 0033 U
- IECEx LCIE 10.0009U
- INMETRO: BVC11.0664-U
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- CML 22UKEX3758U
- UA.TR.006.B.99902-23 U

ATEX specifications:

- Type of protection:
Ex eb / Ex tb
- Equipment group:
IIC/IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

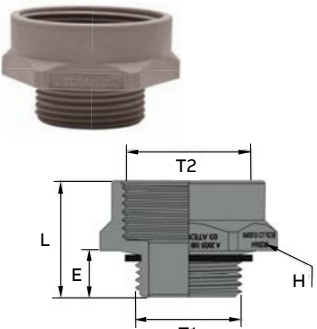
BRASS

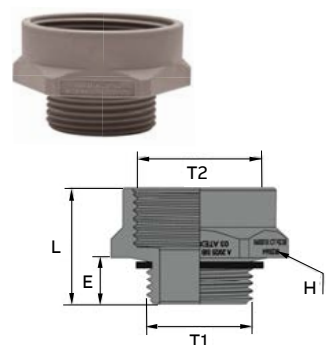
EXE

ENLARGERS Ex e - METRIC



Thread T		Part no.							Pkg. (pcs)	Sealing	Locknuts
		RAL 7001 ●		RAL 9005 ●							
T1	T2	Without sealing	+ Flat sealing	Without sealing	+ Flat sealing	H	E	L			
Metric											
12	16	G5121690E	G5121691E	G5121610E	G5121611E	20	8.0	19.0	50	D9412002	D4312109
16	20	G5162090E	G5162091E	G5162010E	G5162011E	24	8.0	20.0	50	D9109001	D4316107
20	25	G5202590E	G5202591E	G5202510E	G5202511E	30	9.0	22.0	50	D9420007	D4320104
25	32	G5253290E	G5253291E	G5253210E	G5253211E	36	10.0	24.0	25	D9425002	D4325109
32	40	G5324090E	G5324091E	G5324010E	G5324011E	44	11.0	26.0	10	D9432000	D4332107
40	50	G5405090E	G5405091E	G5405010E	G5405011E	55	12.0	28.0	10	D9440005	D4340102
50	63	G5506390E	G5506391E	G5506310E	G5506311E	70	13.0	32.0	10	D9450004	D4350101





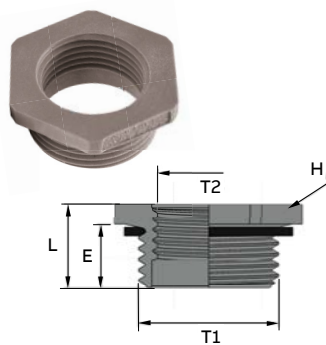
All dimensions are in millimetres (mm).

HEXAGONAL REDUCERS Ex e - METRIC



Thread T		Part no.				H			E	L	Pkg. (pcs)	Sealing	Locknuts
		RAL 7001 ●		RAL 9005 ●									
		Without sealing	+ Flat sealing	Without sealing	+ Flat sealing								
T1	T2												
Metric													
16	12	G6161290E	G6161291E	G6161210E	G6161211E	20	8.0	11.0	50	D9109001	D4316107		
20	16	G6201690E	G6201691E	G6201610E	G6201611E	24	9.0	12.0	50	D9420007	D4320104		
25	20	G6252090E	G6252091E	G6252010E	G6252011E	30	10.0	13.5	50	D9425002	D4325109		
32	25	G6322590E	G6322591E	G6322510E	G6322511E	36	11.0	15.0	25	D9432000	D4332107		
40	32	G6403290E	G6403291E	G6403210E	G6403211E	44	12.0	16.0	10	D9440005	D4340102		
50	40	G6504090E	G6504091E	G6504010E	G6504011E	55	13.0	18.0	10	D9450004	D4350101		
63	50	G6635090E	G6635091E	G6635010E	G6635011E	70	15.0	21.0	10	D9463004	D4363101		

The image shows a technical drawing of a hexagonal nut and a side view of a bolt. The nut is a standard hexagonal nut with a central hole. The bolt is shown in a side view, highlighting its threaded section. Dimensions are labeled: T1 is the total length of the bolt, T2 is the length of the threaded section, L is the total length of the bolt, E is the height of the hexagonal head, and H is the height of the hexagonal head.



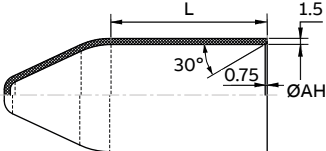
All dimensions are in millimetres (mm).

ATEX Accessories

for plastic cable glands



SHROUDS

	Thread			For 1F & 4F		For S-1F		For S-4F		Ø A / H	L
	Metric	NPT	Gas	No.	Part no.	No.	Part no.	No.	Part no.		
 	12 - 16	3/8"	-	5	N0805000	-	-	-	-	22,2	20 50,0
	16 - 20	-	-	-	-	4	N0805000	-	-	22,2	20 50,0
	12 - 16	1/4" - 3/8"	-	-	-	-	-	5	N0805000	22,2	20 50,0
	16 - 20 - 25	1/2" - 3/4"	-	6	N0806000	-	-	-	-	26,7	24 55,0
	16 - 20 - 25	1/2" - 3/4"	-	-	-	5	N0806000	-	-	26,7	24 55,0
	16 - 20 - 25	3/8" - 1/2" - 3/4"	-	-	-	-	-	6	N0806000	26,7	24 55,0
	20 - 25	1/2" - 3/4"	-	7	N0807000	-	-	-	-	33,5	30 55,0
	20 - 25	1/2" - 3/4"	-	-	-	6	N0807000	-	-	33,5	30 55,0
	20 - 25	1/2" - 3/4"	-	-	-	-	-	7	N0807000	33,5	30 55,0
	25 - 32	3/4" - 1"	-	8	N0808000	-	-	-	-	43,5	40 70,0
	25 - 32	3/4" - 1"	-	-	-	7	N0808000	-	-	43,5	40 70,0
	25 - 32	3/4" - 1"	-	-	-	-	-	8	N0808000	43,5	40 70,0
	32 - 40	1" - 1 1/4"	-	9	N0809000	-	-	-	-	51,6	48 75,0
	32 - 40	1" - 1 1/4"	-	-	-	8	N0809000	-	-	51,6	48 75,0
	32 - 40	1" - 1 1/4"	-	-	-	-	-	9	N0809000	51,6	48 75,0
	40 - 50	1 1/4" - 1 1/2"	-	10	N0810000	-	-	-	-	60,1	55 85,0
	40 - 50	1 1/4" - 1 1/2"	-	-	-	9	N0810000	-	-	60,1	55 85,0
	40 - 50	1 1/4" - 1 1/2"	-	-	-	-	-	10	N0810000	60,1	55 85,0
	50	1 1/2"	-	11	N0811000	-	-	-	-	69,0	64 95,0
	50	1 1/2"	-	-	-	10	N0811000	-	-	69,0	64 95,0
	50	1 1/2"	-	-	-	-	-	11	N0811000	69,0	64 95,0
	63 - 75	2" - 2 1/2"	2 1/2"	12	N0812000	-	-	-	-	77,6	70/85 95,0
	63	2" - 2 1/2"	-	-	-	11	N0812000	-	-	77,6	70/85 95,0
	50 - 63	1 1/2" - 2"	-	-	-	-	-	12	N0812000	77,6	70/85 95,0
	75 - 80	2 1/2"	2 1/2"	13	N0813000	-	-	-	-	100,0	90/95 110,0
	63 - 75	2 1/2"	-	-	-	12	N0813000	-	-	100,0	90/95 110,0
	63 - 75	2" - 2 1/2"	-	-	-	-	-	13	N0813000	100,0	90/95 110,0
	75 - 80	-	-	-	-	13	N0814000	-	-	110,0	110 120,0
	75 - 80	2 1/2"	-	-	-	-	-	14	N0814000	110,0	110 120,0
	80 - 90	3"	3"	15	N0815000	-	-	-	-	125,0	115/120 130,0
	80 - 90	3"	-	-	-	14	N0815000	-	-	125,0	115/120 130,0
	80 - 90	3"	-	-	-	-	-	15	N0815000	125,0	115/120 130,0
	90 - 100	3"	3"	16	N0816000	-	-	-	-	135,0	125 130,0
	90 - 100	3" - 3 1/2"	-	-	-	15	N0816000	-	-	135,0	125 130,0
	90 - 100	3"	3"	-	-	-	-	16	N0816000	135,0	125 130,0
	100	-	-	-	-	16	ND	-	-	-	-

All dimensions are in millimetres (mm).
ND: Not defined.

EXPLOSIVE ATMOSPHERE CABLE GLANDS

Brass cable glands & accessories

EXPLOSIVE ATMOSPHERE CABLE GLANDS (BRASS)



Type	SIB-TEC	SIB-TEC	SIB-TEC CAGE	WADI-TEC ECEA GSE	S-1F
Characteristics					
Brass	•	•	•	•	•
Ex e	•	•	•	•	•
Ex d	–	–	–	–	•
For armoured cables	–	•	–	–	–
For armoured cables SWB	–	–	•	–	–
For non-armoured cables	•	–	–	•	•
Universal with lamellas	•	•	•	–	–
EMC	–	•	•	–	–
Page	110	112	113	114	116

APPROVALS / STANDARDS



ATEX ACCESSORIES (BRASS)



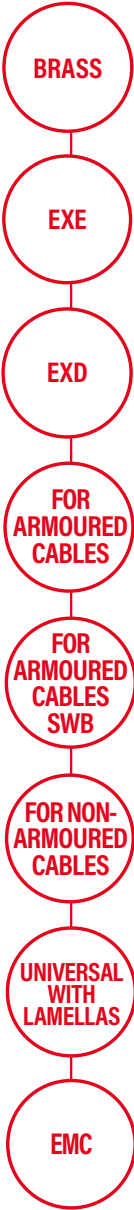
Type	Hexagonal plugs Ex e	Enlargers Ex e	Reducers Ex e	Adapters Ex e	Hexagonal plugs Ex d
Characteristics					
Brass	•	•	•	•	•
Ex e	•	•	•	•	–
Ex d	–	–	–	–	•
Page	124	125	126	127	128



Type	Locknuts	Earthing locknuts	Serrated washers	Earth tags	Lugs	Clamping modules
Characteristics						
Brass	•	•	–	•	•	•
Stainless steel / Zinc	–	–	•	–	–	–
Page	133	134	134	135	135	135

BRASS

Characteristics for
explosive atmospheres



1F	S-4F	4F
●	●	●
●	●	●
●	●	●
-	●	●
-	-	-
●	-	-
-	-	-
-	-	-
118	120	122



Hollow hexagonal plugs Ex d	Round plugs Ex d	Enlargers Ex d	Hexagonal reducers Ex d	Adapters Ex d
●	●	●	●	●
-	-	-	-	-
●	●	●	●	●
129	129	130	131	132

SIB-TEC

Explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric/PG/NPT thread, Ex e explosive atmosphere brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Designed to secure the round cables entry through control cabinets or electrical boxes
- Optimal clamping and sealing of the cable due to the 360° compression by the lamella technology
- Two sealings part can be used alternatively to extend the clamping range

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 03 ATEX 6400 X
- INMETRO: BVC11.0660-X
- DNV: TAE00004KE
- TR CU EX: RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

- Metric / NPT
- PG only on Ex eb applications

ATEX specifications:

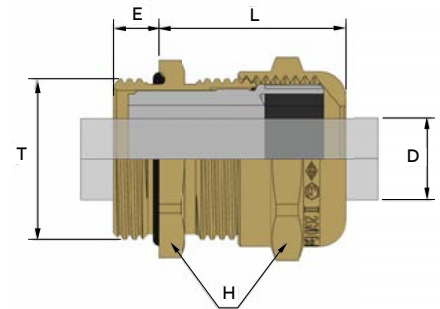
- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G/D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



ATEX markings.



SIB-TEC CABLE GLANDS - METRIC



Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
12	C5212000E	4.5	6.5	14	5.0	20.0	50
16	C5216000E	5.0	9.5	17	5.0	23.0	50
20	C5220000E	8.0	13.0	22	6.0	26.0	50
25	C5225000E	9.0	16.0	27	7.0	28.0	25
32	C5232000E	12.0	21.0	34	8.0	30.0	20
40	C5240000E	16.0	27.0	42	8.0	33.0	10
50	C5250000E	23.0	35.0	55	9.0	37.0	5
63	C5263000E	36.0	48.0	65	10.0	44.0	5
Metric RED (reduced sealing)							
12	C5212040E	3.5	5.0	14	5.0	20.0	50
16	C5216040E	4.0	7.0	17	5.0	23.0	50
20	C5220040E	5.0	10.0	22	6.0	26.0	50
25	C5225040E	6.0	13.0	27	7.0	28.0	25
32	C5232040E	8.0	17.0	34	8.0	30.0	20
40	C5240040E	11.0	22.0	42	8.0	33.0	10
50	C5250040E	18.0	29.0	55	9.0	37.0	5
63	C5263040E	29.0	40.0	65	10.0	44.0	5

All dimensions are in millimetres (mm).

Thread T	Part no.	E	Pkg. (pcs)
Metric Long			
12	C5312000E	15.0	50
16	C5316000E	15.0	50
20	C5320000E	15.0	50
25	C5325000E	15.0	25
32	C5332000E	15.0	20
40	C5340000E	15.0	10
50	C5350000E	15.0	5
63	C5363000E	15.0	5
Metric Long RED (reduced sealing)			
12	C5312040E	15.0	50
16	C5316040E	15.0	50
20	C5320040E	15.0	50
25	C5325040E	15.0	25
32	C5332040E	15.0	20
40	C5340040E	15.0	10
50	C5350040E	15.0	5
63	C5363040E	15.0	5

SIB-TEC cable glands

Explosive atmosphere cable glands (Brass)



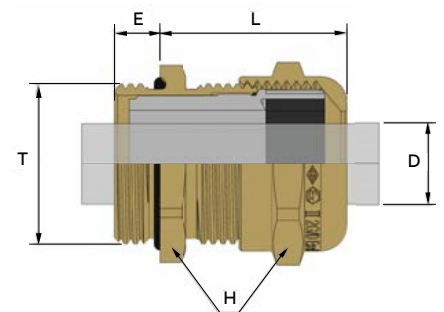
SIB-TEC CABLE GLANDS - PG / NPT



Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
PG							
07	C5007000E	4.5	6.5	14	5.0	20.0	50
09	C5009000E	5.0	9.5	17	6.0	23.0	50
11	C5011000E	7.0	11.5	20	6.0	24.0	50
13	C5013000E	8.0	13.0	22	6.5	26.0	50
16	C5016000E	9.0	15.0	24	6.5	27.5	50
21	C5021000E	12.0	19.0	30	7.0	28.0	20
29	C5029000E	17.0	26.0	40	8.0	30.0	20
36	C5036000E	23.0	34.5	50	9.0	33.0	10
42	C5042000E	28.0	40.0	58	10.0	37.0	5
48	C5049000E	36.0	48.0	65	10.0	44.0	5
PG RED (reduced sealing)							
07	C5007400E	3.5	5.0	14	5.0	20.0	50
09	C5009400E	4.0	7.0	17	6.0	23.0	50
11	C5011400E	4.0	8.5	20	6.0	24.0	50
13	C5013400E	5.0	10.0	22	6.5	26.0	50
16	C5016400E	6.0	12.0	24	6.5	27.5	50
21	C5021400E	9.0	16.0	30	7.0	28.0	20
29	C5029400E	12.0	21.0	40	8.0	30.0	20
36	C5036400E	17.0	28.0	50	9.0	33.0	10
42	C5042400E	23.0	34.0	58	10.0	37.0	5
48	C5049400E	29.0	40.0	65	10.0	44.0	5
NPT							
3/8"	C5408000E	5.0	9.5	18	15.0	23.0	50
1/2"	C5412000E	8.0	13.0	23	20.0	26.0	50
3/4"	C5420000E	9.0	16.0	28	20.0	28.0	20
1"	C5428000E	12.0	21.0	36	25.0	30.0	20

All dimensions are in millimetres (mm).

Thread T	Part no.	E	Pkg. (pcs)
PG Long			
07	C5107000E	15.0	50
09	C5109000E	15.0	50
11	C5111000E	15.0	50
13	C5113000E	15.0	50
16	C5116000E	15.0	50
21	C5121000E	15.0	20
29	C5129000E	15.0	20
36	C5136000E	15.0	10
42	C5142000E	15.0	5
48	C5149000E	15.0	5
PG Long RED (reduced sealing)			
07	C5107400E	15.0	50
09	C5109400E	15.0	50
11	C5111400E	15.0	50
13	C5113400E	15.0	50
16	C5116400E	15.0	50
21	C5121400E	15.0	20
29	C5129400E	15.0	20
36	C5136400E	15.0	10
42	C5142400E	15.0	5
48 DIN	C5149400E	15.0	5
NPT RED (reduced sealing)			
3/8"	C5408400E	15.0	50
1/2"	C5412400E	20.0	50
3/4"	C5420400E	20.0	20
1"	C5428400E	25.0	20



SIB-TEC

Explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric thread, Ex e explosive atmosphere brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- For single wire braid cable (SWB)
- Without metallic insert
- Designed to secure the round cables entry through control cabinets or electrical boxes
- Optimal clamping and sealing of the cable due to the 360° compression by the lamella technology
- Two sealing part can be used alternatively to extend the clamping range
- Additional Electromagnetic compatibility

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 03 ATEX 6400 X
- INMETRO: BVC11.0660-X
- DNV: TAE00004KE
- TR CU EX: RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

Metric

ATEX specifications:

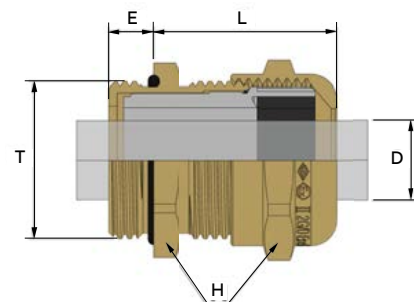
- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G/D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



ATEX markings.



Assembly instructions:

See page 92

SIB-TEC CABLE GLANDS - METRIC



Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
12	C5212100E	4.5	6.5	14	5.0	20.0	50
16	C5216100E	5.0	9.5	17	5.0	23.0	50
20	C5220100E	8.0	13.0	22	6.0	26.0	50
25	C5225100E	9.0	16.0	27	7.0	28.0	25
32	C5232100E	12.0	21.0	34	8.0	30.0	20
40	C5240100E	16.0	27.0	42	8.0	33.0	10
50	C5250100E	23.0	35.0	55	9.0	37.0	5
63	C5263100E	36.0	48.0	65	10.0	44.0	5

All dimensions are in millimetres (mm).

SIB-TEC EMC CAGE

Explosive atmosphere cable glands (Brass)

A range of IP65 Metric thread, Ex e explosive atmosphere brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Steel tape armoured (STA)
- Reduced sealing available
- O-ring included with metallic insert
- Designed to secure the round cables entry through control cabinets or electrical boxes
- Optimal clamping and sealing of the cable due to the 360° compression by the lamella technology
- Two sealings part can be used alternatively to extend the clamping range
- Additional Electromagnetic compatibility 360° component

IP Protection:

- IP65

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Sealing: Neoprene
- O-ring: Nitrile
- Insert: Polyamide 6
- Insert: Stainless steel

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 03 ATEX 6400 X
- INMETRO: BVC11.0660-X
- TR CU EX:
- RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

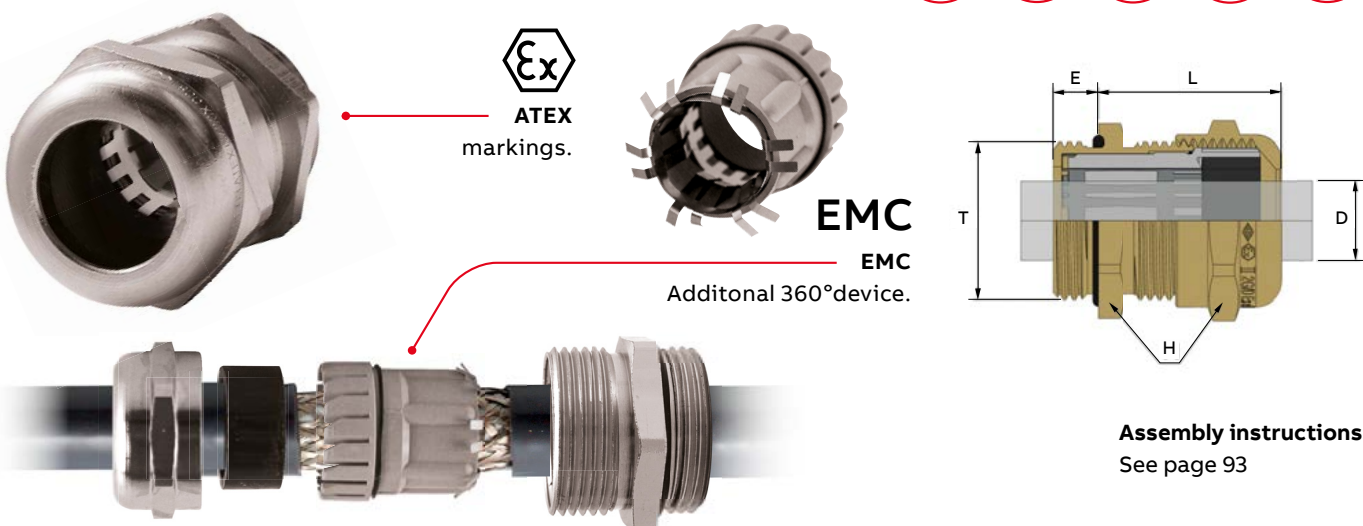
- Metric

ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



Assembly instructions:
See page 93

SIB-TEC EMC CAGE CABLE GLANDS - METRIC



Thread T	Part no.	Overall cable diameter D		H	E	L	Pkg. (pcs)
		Min	Max				
Metric							
16	C5216200E	5.0	9.5	17	5.0	23.0	50
20	C5220200E	8.0	13.0	22	6.0	26.0	50
25	C5225200E	9.0	16.0	27	7.0	28.0	25
32	C5232200E	12.0	21.0	34	8.0	30.0	20
40	C5240200E	16.0	27.0	42	8.0	33.0	10
50	C5250200E	23.0	35.0	55	9.0	35.0	5
63	C5263200E	36.0	48.0	65	10.0	45.0	5

All dimensions are in millimetres (mm).

WADI-TEC ECEA GSE

Explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric/PG thread, Ex e explosive atmosphere brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Designed to secure the round cables entry through control cabinets or electrical boxes
- With a single pre-cut sealing to allow several clamping range
- Improved strain relief due to additional anchoring system

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-20°C / +80°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: TPE (elastomere)
- O-ring: Nitrile
- Insert: Polycarbonate

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 03 ATEX 6400 X
- INMETRO: BVC11.0660-X
- TR CU EX: RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

- Metric
- PG only for Ex eb applications

ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



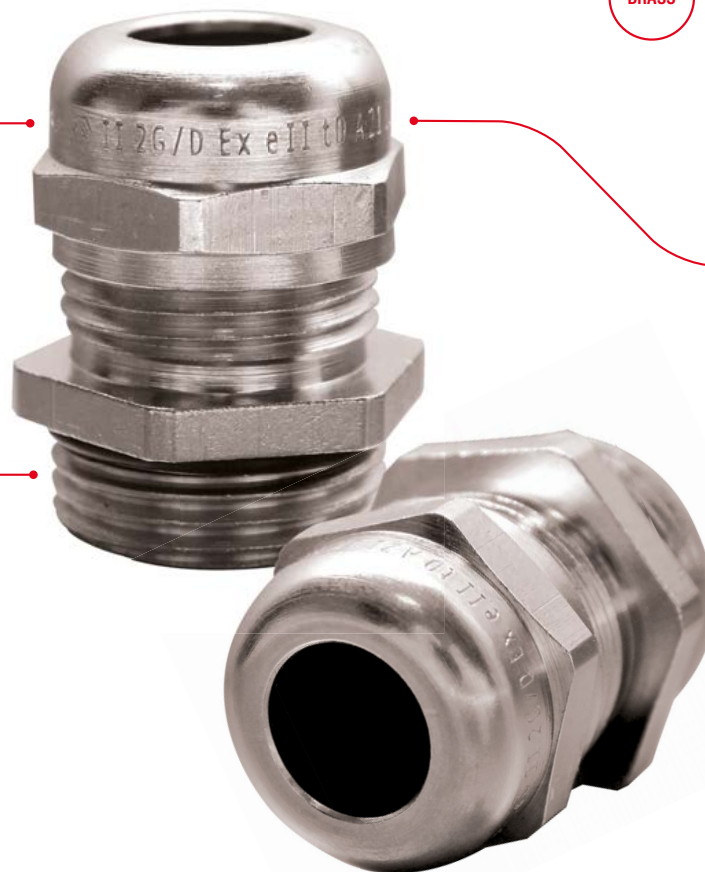
Sealing

Single pre-cut sealing.



Improved strain relief

Additional anchoring system.



ATEX

Clear markings.

WADI-TEC ECEA GSE cable glands

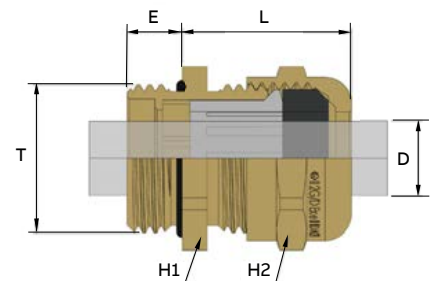
Explosive atmosphere cable glands (Brass)



WADI-TEC ECEA GSE CABLE GLANDS - METRIC

Thread T	Part no.	Overall cable diameter D		H1	H2	E	L	Pkg. (pcs)	Locknuts
		Min	Max						
Metric									
12	R0321200E	3.0	6.0	14	14	7.0	20.0	50	D4312109
16 ^{/1}	R0321640E	3.0	6.0	17	14	7.0	20.0	50	D4316107
16 ^{/2}	R0321600E	5.0	8.0	17	17	7.0	20.0	50	D4316104
20 ^{/1}	R0322040E	6.0	10.0	22	20	7.0	21.0	50	D4320104
20 ^{/2}	R0322000E	8.0	12.0	22	22	7.0	22.0	50	D4320104
25 ^{/1}	R0322540E	9.5	14.0	26	24	8.0	23.0	20	D4325109
25 ^{/2}	R0322500E	11.5	18.0	30	30	8.0	29.0	20	D4325109
32 ^{/1}	R0323240E	11.5	18.0	33	30	8.5	29.5	20	D4332107
32 ^{/2}	R0323200E	15.0	24.0	40	40	8.5	36.5	20	D4332107
40	R0324040E	15.0	24.0	42	40	8.5	36.5	20	D4340102
50	R0325040E	23.0	30.0	55	50	9.5	41.5	10	D4350101
63	R0326340E	26.0	35.0	70	58	10.5	47.5	5	D4363101
PG									
07	R0300700E	3.0	6.0	14	14	5.0	19.0	50	D4007104
09	R0300900E	5.0	8.0	17	17	6.0	19.0	50	D4009108
11	R0301100E	6.0	10.0	20	20	6.0	20.0	50	D4011101
13	R0301300E	8.0	12.0	22	22	6.5	21.5	50	D4013105
16	R0301600E	9.5	14.0	24	24	6.5	23.5	50	D4016106
21	R0302100E	11.5	18.0	30	30	7.0	28.0	20	D4021100
29	R0302900E	15.0	24.0	40	40	8.0	35.0	20	D4029106
36	R0303600E	23.0	30.0	50	50	9.0	41.0	10	D4036104
42	R0304200E	26.0	35.0	58	58	10.0	47.0	5	D4042105
48	R0304900E	35.0	40.0	64	64	10.0	49.0	5	D4049104

All dimensions are in millimetres (mm).



S-1F

Single sealing explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric/NPT thread, Ex d explosive atmosphere, single sealing brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Suitable for non armoured cable
- Explosion proof sealing on external sheath

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

- Neoprene: -60°C / +80°C
- Viton : -20°C / +200°C
(only for models no. 4 to 8)

Material:

- Brass, nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- Flat sealing: Graphite

Thread:

Metric / NPT

Certification:

- EN/IEC 60079-0
- EN/IEC 60079-1
- EN/IEC 60079-7
- EN/IEC 60079-31
- LCIE 16 ATEX 3030 X
- IECEx LCIE 16.0026X
- INMETRO: BVC16.5800-X
- CE19.5255X
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- CML 22UKEX3760X
- UA.TR.006.E.99901-23 X

ATEX specifications:

- Type of protection: Ex db / Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



Sealing
Single sealing.



BRASS

EXD

FOR NON-ARMoured CABLES



ATEX
Clear markings.



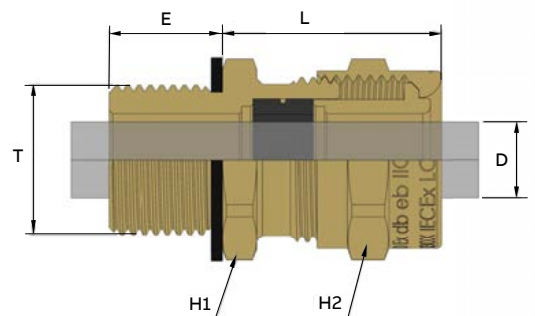
Explosion proof
Sealing on external sheath.

Single sealing explosive atmosphere cable glands (Brass)



Thread T	No.	Part no.	E	Pkg. (pcs)
Metric				
12S	4	4704121	15.0	1
16S	4	4704161	15.0	1
-	-	-	-	-
16L	5	4705161	15.0	1
20S	5		15.0	1
20L	6	4706201	15.0	1
25XS	5	4705251	15.0	1
25S	6	4706251	15.0	1
25L	7	4707251	15.0	1
32S	7	4707321	15.0	1
32L	8	4708321	15.0	1
40S	8	4708401	15.0	1
40L	9	4709401	15.0	1
50S	9	4709501	15.0	1
50L	10	4710501	15.0	1
63S	11	4711631	15.0	1
63L	12	4712631	15.0	1
75S	12	4712751	15.0	1
75L	13	4713751	15.0	1
80S x 200	13	4713801	20.0	1
80L x 200	14	4714801	20.0	1
90S x 200	14	4714901	20.0	1
90L x 200	15	4715901	20.0	1
100S x 200	15	4715991	20.0	1
100L x 200	16	4716991	20.0	1

Thread T	No.	Part no.	E	Pkg. (pcs)	Overall cable diameter D		H1	H2	L
					Min	Max			
NPT									
1/4"	4	4704061	16.0	1	5.0	7.5	20	20	29.7
3/8"	4	4704081	16.0	1	5.0	7.5	20	20	29.7
1/2"	4	4704151	20.0	1	5.0	7.5	24	20	29.7
3/8"	5	4705081	16.0	1	7.0	11.5	24	24	31.9
1/2"	5	4705151	20.0	1	7.0	11.5	24	24	31.9
1/2"	6	4706151	20.0	1	11.0	15.5	30	30	33.2
3/4"	5	4705171	21.0	1	7.0	11.5	28	24	31.9
3/4"	6	4706171	21.0	1	11.0	15.5	30	30	33.2
3/4"	7	4707171	21.0	1	13.0	20.0	40	40	39.5
1"	7	4707281	25.0	1	13.0	20.0	40	40	39.5
1"	8	4708281	25.0	1	19.0	27.0	48	48	47.0
1" 1/4	8	4708351	26.0	1	19.0	27.0	48	48	47.0
1" 1/4	9	4709351	26.0	1	22.0	33.5	55	55	52.0
1" 1/2	9	4709411	26.0	1	22.0	33.5	55	55	52.0
1" 1/2	10	4710411	26.0	1	29.0	40.5	64	64	53.5
2"	11	4711471	27.0	1	35.0	47.5	70	70	55.0
2"	12	4712471	27.0	1	40.0	54.0 (NPT 52.5)	90	90	61.0
2" 1/2	12	4712521	40.0	1	40.0	54.0 (NPT 52.5)	90	90	61.0
2" 1/2	13	4713521	40.0	1	48.0	64.5 (NPT 63.5)	100	100	69.0
-	-	-	-	-	48.0	64.5	100	100	64.0
-	-	-	-	-	55.0	73.5	115	115	80.0
3"	14	4714571	42.0	1	55.0	73.5	115	115	80.0
3"	15	4715571	42.0	1	65.0	82.5 (NPT 78.5)	125	125	82.0
3" 1/2	15	4715581	43.0	1	65.0	82.5 (NPT 78.5)	125	125	82.0
3" 1/2	16	4716581	43.0	1	74.0	92.5 (NPT 89)	140	140	87.0



1F

Single sealing explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric/PG thread, Ex d explosive atmosphere, single sealing brass cable glands for use with non-armoured cables.

SPECIAL FEATURES

- Suitable for non armoured cable
- Explosion proof sealing on external sheath

IP Protection:

- IP66 / 68 with O-ring (only Metric)

Operating temperature:

- Neoprene: -40°C / +100°C
- Viton: -20°C / +200°C

Material:

- Brass, nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- O-ring: Nitrile

Thread:

- Metric / NPT
- PG cannot be used for Ex db protection modes; only for Ex eb applications

Certification:

- EN IEC 60079-0
- EN 60079-1
- EN 60079-7
- EN 60079-31
- LCIE 05 ATEX 6146 X
- INMETRO: BVC11.0663-X
- TR CU EX: RU C-FR.BH02.B.00558/20
- CML 22UKEX3760X
- UA.TR.006.E.99901-23 X

ATEX specifications:

- Type of protection: Ex db / Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



1F cable glands

Single sealing explosive atmosphere cable glands (Brass)



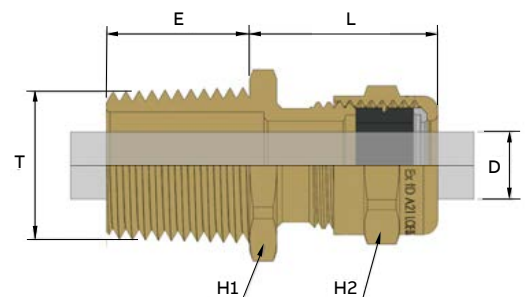
1F CABLE GLANDS - METRIC / NPT



Thread T	No.	Part no.	E	Pkg. (pcs)
Metric				
12	4	4111129	16.0	1
16	4	4111159	16.0	1
–	–	–	–	–
16	5	4111169	16.0	1
20	5	4111209	16.0	1
–	–	–	–	–
25	5	4111259	16.0	1
20	6	4111219	16.0	1
25	6	4111269	16.0	1
25	7	4111279	16.0	1
32	7	4111329	16.0	1
32	8	4111339	16.0	1
40	8	4111409	16.0	1
40	9	4111419	16.0	1
50	9	4111509	16.0	1
50	10	4111519	16.0	1
–	–	–	–	–
63	11	4111639	16.0	1
–	–	–	–	–
63	12	4111649	16.0	1
75	12	4111759	16.0	1
75	13	4111769	18.0	1
80 x 200	13	4111809	18.0	1
80 x 200	14	4111819	20.0	1
90 x 200	14	4111909	20.0	1
90 x 200	15	4111919	22.0	1
100 x 200	15	4111989	22.0	1
100 x 200	16	4111999	22.0	1

All dimensions are in millimetres (mm).

Thread T	No.	Part no.	E	Pkg. (pcs)	Overall cable diameter D		H1	H2	L
					Min	Max			
NPT									
1/4"	4	4131029	16.0	1	4.0	8.0	17	17	26.0
3/8"	4	4131039	16.0	1	4.0	8.0	20	17	26.0
1/2"	4	4131049	20.0	1	4.0	8.0	24	17	26.0
3/8"	5	4131059	16.0	1	7.0	12.0	20	20	23.0
1/2"	5	4131109	20.0	1	7.0	12.0	24	20	23.0
3/4"	5	4131209	16.0	1	7.0	12.0	28	20	27.0
–	–	–	–	1	7.0	12.0	28	20	23.0
1/2"	6	4131119	20.0	1	9.0	16.0	24	24	27.0
3/4"	6	4131219	20.0	1	9.0	16.0	28	24	27.0
3/4"	7	4131229	20.0	1	13.0	20.5	30	30	28.0
1"	7	4131309	25.0	1	13.0	21.0	36	30	28.0
1"	8	4131319	25.0	1	17.0	27.0	40	40	45.0
1" 1/4	8	4131349	25.0	1	17.0	27.5	44	40	45.0
1" 1/4	9	4131359	25.0	1	22.0	34.0	48	48	51.0
1" 1/2	9	4131369	26.0	1	22.0	34.0	55	48	51.0
1" 1/2	10	4131379	26.0	1	28.0	41.0	55	55	56.0
2"	11	4131409	27.0	1	34.0	47.5	68	64	56.0
–	–	–	–	1	34.0	47.5	65	64	66.0
2"	12	4131419	27.0	1	39.0	53.5	70	70	68.0
–	–	–	–	1	39.0	54.0	70	70	68.0
2" 1/2	12	4131459	40.0	1	39.0	54.0	80	70	68.0
–	–	–	–	1	48.0	65.0	85	90	82.0
2" 1/2	13	4131469	40.0	1	48.0	65.0 (NPT 64.5)	85	90	82.0
–	–	–	–	1	55.0	74.0	95	100	92.0
3"	14	4131509	42.0	1	55.0	71.0	95	100	92.0
3"	15	4131519	42.0	1	65.0	83.0 (NPT 79.0)	110	125	101.0
3" 1/2	15	4131559	43.0	1	65.0	83.0 (NPT 79.0)	110	125	101.0
3" 1/2	16	4131569	43.0	1	74.0	93.0 (NPT 89.0)	120	125	101.0



S-4F

Double sealing explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric/NPT thread, Ex d explosive atmosphere, double sealing brass cable glands for use with armoured cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Single wire armour (SWA)
 - Steel tape armoured (STA)
- Increased strain relief
- Retention thanks to the grounding device
- Sealing on external cable sheath
- Explosion proof sealing on internal sheath
- Deluge protection (on request) for armour protection

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

- Neoprene: -60°C / +80°C
- Viton : -20°C / +200°C (only for models no. 4 to 8)

Material:

- Brass, nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: Neoprene
- Flat sealing: Graphite

Certification:

- EN/IEC 60079-0
- EN/IEC 60079-1
- EN/IEC 60079-7
- EN/IEC 60079-31
- LCIE 16 ATEX 3030 X
- IECEx LCIE 16.0026X
- INMETRO: BVC16.5800-X
- CE19.5255X
- TR CU EX:
- RU C-FR.BH02.B.00558/20
- CML 22UKEX3760X
- UA.TR.006.E.99901-23 X

Thread:

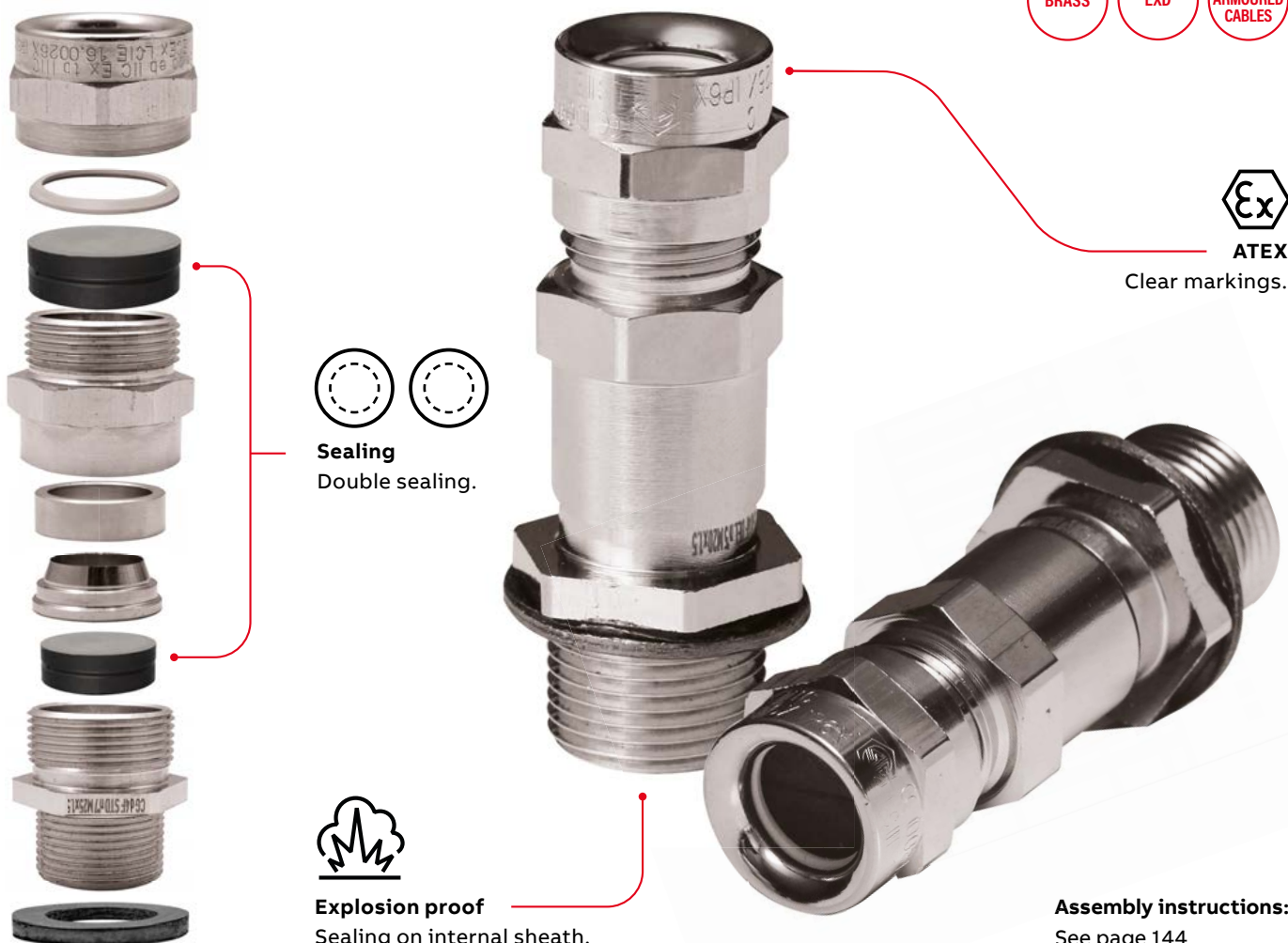
- Metric / NPT

ATEX specifications:

- Type of protection: Ex db / Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



S4F cable glands

Double sealing explosive atmosphere cable glands (Brass)

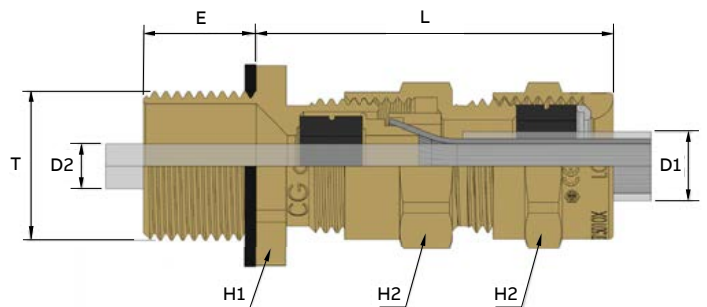


S4F CABLE GLANDS - METRIC / NPT



Thread T	No.	Part no.	E	Pkg. (pcs)	Max. armour thickness	Overall cable diameter (D1)		Cable bending diameter (D2)				H1	H2	H3	L			
						Min	Max	Min	Max									
Metric					NPT													
12S	5	4805121	15.0	1	1/4"	5	4805061	16.0	1	1.00	7.0	11.5	4.0	8.0	20	20	20	45.0
16S	5	4805161	15.0	1	3/8"	5	4805081	16.0	1	1.00	7.0	11.5	4.0	8.0	20	20	20	45.0
16L	6	4806161	15.0	1	3/8"	6	4806081	16.0	1	1.25	9.0	15.5	7.0	12.0	24	24	24	47.0
20XS	5	4805201	15.0	1	1/2"	5	4805151	20.0	1	1.00	7.0	11.5	4.0	8.0	20	20	24	45.0
20S	6	4806201	15.0	1	1/2"	6	4806151	20.0	1	1.25	9.0	15.5	7.0	12.0	24	24	24	47.0
20L	7	4807201	15.0	1	1/2"	7	4807151	20.0	1	1.25	13.0	20.0	9.5	15.5	30	30	30	52.0
25XS	6	4806251	15.0	1	3/4"	6	4806171	21.0	1	1.25	9.0	15.5	7.0	12.0	24	24	28	47.0
25S	7	4807251	15.0	1	3/4"	7	4807171	21.0	1	1.25	13.0	20.0	9.5	15.5	30	30	30	52.0
25L	8	4808251	15.0	1	3/4"	8	4808171	21.0	1	1.60	18.0	27.0	14.0	20.5	40	40	40	68.0
32S	8	4808321	15.0	1	1"	8	4808281	25.0	1	1.60	18.0	27.0	14.0	20.5	40	40	40	68.0
32L	9	4809321	15.0	1	1"	9	4809281	25.0	1	2.00	23.0	33.5	17.0	27.0 (NPT 26.0)	48	48	48	80.5
40S	9	4809401	15.0	1	1" 1/4	9	4809351	26.0	1	2.00	23.0	33.5	17.0	27.0 (NPT 26.0)	48	48	48	81.0
40L	10	4810401	15.0	1	1" 1/4	10	4810351	26.0	1	2.00	28.0	40.5	21.0	33.5	55	55	55	82.9
50XS	10	4810501	15.0	1	1" 1/2	10	4810411	26.0	1	2.00	28.0	40.5	21.0	33.5	55	55	55	83.0
50S	11	4811501	15.0	1	1" 1/2	11	4811411	26.0	1	2.50	34.0	47.5	27.0	40.5	64	64	64	90.5
50L	12	4812501	15.0	1	1" 1/2	12	4812411	26.0	1	2.50	39.0	54.0	33.0	44.0 (NPT 41.0)	70	70	75	89.0
63S	12	4812631	15.0	1	2"	12	4812471	27.0	1	2.50	39.0	54.0	33.0	46.0 (NPT 41.0)	70	70	75	89.0
63L	13	4813631	15.0	1	2"	13	4813471	27.0	1	2.50	48.0	64.5	40.0	54.0 (NPT 52.5)	90	85	85	100.5
75S	13	4813751	15.0	1	2" 1/2	13	4813521	40.0	1	2.50	48.0	64.5	40.0	54.0 (NPT 52.5)	90	85	85	101.0
75L	14	4814751	15.0	1	2" 1/2	14	4814521	40.0	1	2.50	55.0	73.5	47.0	64.5 (NPT 63.5)	100	100	100	110.0
80S x 200	14	4814801	20.0	1	-	-	-	-	-	2.50	55.0	73.5	47.0	64.5	100	100	100	105.0
80L x 200	15	4815801	20.0	1	-	-	-	-	-	3.15	67.0	82.5	56.0	72.0	115	110	110	114.0
90S x 200	15	4815901	20.0	1	3"	15	4815571	42.0	1	3.15	67.0	82.5	56.0	73.5 (NPT 72.0)	115	110	110	114.0
90L x 200	16	4816901	20.0	1	3"	16	4816571	42.0	1	3.15	82.0	92.5	71.5	80.5 (NPT 78.5)	125	125	125	116.0
100L x 200	16	4816991	20.0	1	3" 1/2	16	4816581	43.0	1	3.15	82.0	92.5	71.5	81.5 (NPT 78.5)	125	125	125	116.0

All dimensions are in millimetres (mm).



4F

Double sealing explosive atmosphere cable glands (Brass)

A range of IP66/68 Metric/NPT thread, Ex d explosive atmosphere, double sealing brass cable glands for use with armoured cables.

SPECIAL FEATURES

- Suitable cable types:
 - Single wire braid (SWB)
 - Single wire armour (SWA)
 - Steel tape armoured (STA)
- Increased strain relief
- Retention thanks to the grounding device
- Sealing on external cable sheath
- Explosion proof sealing on internal sheath
- Deluge protection (on request) for armour protection

IP Protection:

- IP66 / 68 with O-ring (only Metric)

Operating temperature:

- Neoprene: -40°C / +100°C
- Viton : -20°C / +200°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Seal: TPE (elastomere)
- O-ring: Nitrile
- Insert: Polycarbonate

Certification:

- EN IEC 60079-0
- EN 60079-7
- EN 60079-31
- ATEX: LCIE 03 ATEX 6400 X
- INMETRO: BVC11.0660-X
- TR CU EX: RU C-FR.BH02.B.00558/20
- UA.TR.006.E.99901-23 X

Thread:

- Metric
- PG only for Ex eb applications

ATEX specifications:

- Type of protection: Ex db / Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

ATEX accessories:

See pages 124-135



4F cable glands

Double sealing explosive atmosphere cable glands (Brass)

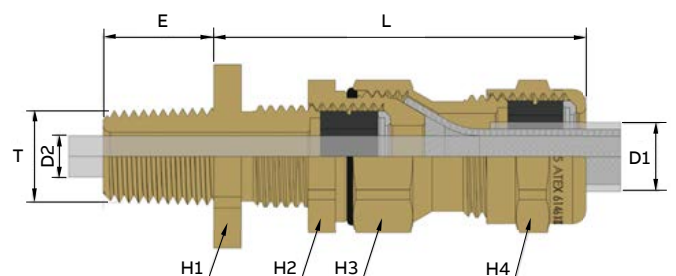


4F CABLE GLANDS - METRIC / NPT



Thread T	No.	Part no.	E	Pkg. (pcs)	Max. armour thickness	Overall cable diameter (D1)		Cable bending diameter (D2)		H1	H2	H3	H4	L					
						Min	Max	Min	Max										
Metric																			
12	5	4114129	16.0	1	1/4"	5	4134019	16.0	1	1.0	7.0	12.0	4.0	7.0	18	20	20	20	51.0
16	5	4114169	16.0	1	3/8"	5	4134059	16.0	1	1.0	7.0	12.0	4.0	8.0	20	20	20	20	51.0
20	5	4114209	16.0	1	1/2"	5	4134109	20.0	1	1.0	7.0	12.0	4.0	8.0	24	20	20	20	51.0
-	-	-	-	-	3/8"	6	4134069	16.0	1	1.25	9.0	16.0	6.0	12.0	22	24	24	24	55.0
16	6	4114179	16.0	1	-	-	-	-	-	1.25	9.0	16.0	6.0	12.0	18	24	24	24	55.0
20	6	4114219	16.0	1	1/2"	6	4134119	20.0	1	1.25	9.0	16.0	6.0	12.0	24	24	24	24	55.0
25	6	4114259	16.0	1	3/4"	6	4134209	16.0	1	1.25	9.0	16.0	6.0	12.0	28	24	24	24	55.0
-	-	-	-	-	1/2"	7	4134129	20.0	1	1.25	13.0	21.0	8.5	15.0	24	30	30	30	56.0
20	7	4114229	16.0	1	-	-	-	-	-	1.25	13.0	21.0	8.5	15.0	28	30	30	30	56.0
25	7	4114269	16.0	1	3/4"	7	4134219	20.0	1	1.25	13.0	21.0	8.5	15.0 (NPT 15.5)	30	30	30	30	56.0
-	-	-	-	-	3/4"	8	4134229	20.0	1	1.6	17.0	27.5	12.0	19.5	30	40	40	40	73.0
25	8	4114279	16.0	1	1"	8	4134309	25.0	1	1.6	17.0	27.5	12.0	19.5 (NPT 20.5)	36	40	40	40	73.0
32	8	4114329	16.0	1	-	-	-	-	-	1.6	17.0	27.5	12.0	20.5	40	40	40	40	73.0
-	-	-	-	-	1"	9	4134319	25.0	1	2.0	22.0	34.0	16.0	25.5	40	48	48	48	79.0
32	9	4114339	16.0	1	1" 1/4	9	4134349	25.0	1	2.0	22.0	34.0	16.0	25.5 (NPT 27.5)	44	48	48	48	79.0
40	9	4114409	16.0	1	-	-	-	-	-	2.0	22.0	34.0	16.0	27.5	48	48	48	48	79.0
40	10	4114419	16.0	1	1" 1/4	10	4134359	25.0	1	2.0	28.0	41.0	21.0	33.0	50	55	55	55	84.0
50	10	4114509	16.0	1	1" 1/2	10	4134369	26.0	1	2.0	28.0	41.0	21.0	34.0	55	55	55	55	84.0
-	-	-	-	-	1" 1/2	11	4134379	26.0	1	2.5	34.0	48.0	27.0	41.0	55	64	64	64	94.0
50	11	4114519	16.0	1	-	-	-	-	-	2.5	34.0	48.0	27.0	41.0	64	64	64	64	94.0
-	-	-	-	-	2"	12	4134409	27.0	1	2.5	39.0	54.0	33.0	46.0	65	70	70	70	96.0
63	12	4114639	16.0	1	-	-	-	-	-	2.5	39.0	54.0	33.0	46.0	70	70	70	70	96.0
-	-	-	-	-	2"	13	4134419	27.0	1	2.5	48.0	65.0	40.0	53.5	70	90	90	90	112.0
63	13	4114649	16.0	1	-	-	-	-	-	2.5	48.0	65.0	40.0	54.0	80	85	85	85	112.0
75	13	4114759	18.0	1	-	-	-	-	-	2.5	48.0	65.0	40.0	54.0	85	85	85	90	110.0
-	-	-	-	-	2" 1/2	13	4134459	40.0	1	2.5	48.0	65.0	40.0	54.0	80	90	90	90	110.0
75	14	4114769	18.0	1	-	-	-	-	-	2.5	55.0	74.0	47.0	65.0	90	95	95	100	122.0
-	-	-	-	-	2" 1/2	14	4134469	40.0	1	2.5	55.0	74.0	47.0	64.5	85	100	100	100	122.0
80 x 200	14	4114809	20.0	1	-	-	-	-	-	2.5	55.0	74.0	47.0	65.0	95	95	95	100	120.0
-	-	-	-	-	3"	15	4134509	42.0	1	3.15	65.0	83.0	54.0	71.0	100	125	125	125	131.0
80 x 200	15	4114819	20.0	1	-	-	-	-	-	3.15	65.0	83.0	54.0	71.0	100	110	110	125	131.0
90 x 200	15	4114909	22.0	1	-	-	-	-	-	3.15	65.0	83.0	54.0	74.0	110	110	110	125	129.0
90 x 200	16	4114919	22.0	1	-	-	-	-	-	3.15	74.0	93.0	63.0	79.0	110	120	120	125	129.0
-	-	-	-	-	3"	16	4134519	42.0	1	3.15	74.0	93.0	63.0	79.0	110	125	125	125	129.0
100 x 200	16	4114999	22.0	1	-	-	-	-	-	3.15	74.0	93.0	63.0	82.0	120	120	120	125	129.0

All dimensions are in millimetres (mm).



ATEX ACCESSORIES Ex e

for brass cable glands

IP Protection:

- IP66 / 68 with flat sealing (only Metric)

Operating temperature:

-20°C / +80°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Flat sealing: Neoprene

Thread:

- Metric / NPT
- PG on request (only for Ex eb applications)

Certification:

- EN IEC 60079-0
- EN IEC 60079-7
- EN IEC 60079-31
- LCIE 02 ATEX 0038 U
- IECEx LCIE 10.0009U
- INMETRO: BVC11.0667-U
- TR CU EX:
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

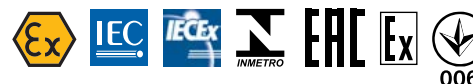
ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

BRASS

EXE

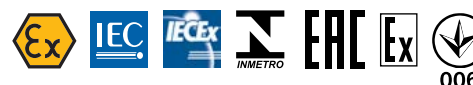
HEXAGONAL PLUGS Ex e - METRIC

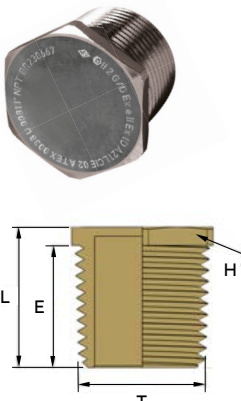


	Thread T	Part no.		H	E	L	Pkg. (pcs)	Sealing	Locknuts
		Without sealing	+ Flat sealing						
		Metric							
	12	D4812530	D4812531	14	10.0	13.0	50	D9412002	D4312109
	16	D4816530	D4816531	17	10.0	13.0	50	D9109001	D4316107
	20	D4820530	D4820531	23	10.0	13.0	50	D9420007	D4320104
	25	D4825530	D4825531	29	10.0	13.5	20	D9425002	D4325109
	32	D4832530	D4832531	39	10.0	14.0	20	D9432000	D4332107
	40	D4840530	D4840531	45	15.0	19.0	10	D9440005	D4340102
	50	D4850530	D4850531	58	15.0	20.0	10	D9450004	D4350101
	63	D4863530	D4863531	70	19.0	26.0	5	D9463004	D4363101
	75	D4875530	D4875531	80	24.0	32.0	1	D9475007	D4375104

All dimensions are in millimetres (mm).

HEXAGONAL PLUGS Ex e - METRIC



	Thread T	Part no.	H	E	L	Pkg. (pcs)
	NPT					
	1/4"	D4606130	15	15.0	18.0	50
	3/8"	D4608130	19	15.0	18.0	50
	1/2"	D4612130	23	20.0	23.0	20
	3/4"	D4620130	29	20.0	24.0	20
	1"	D4628130	36	25.0	29.0	10
	1"1/4	D4635130	45	25.0	29.0	5
	1"1/2	D4641130	50	26.0	31.0	5
	2"	D4647130	64	27.0	33.0	5
	2"1/2	D4650130	80	40.0	48.0	1
	3"	D4660130	100	40.0	48.0	1
	4"	D4680130	125	45.0	55.0	1

All dimensions are in millimetres (mm).

ATEX Accessories Ex e

for brass cable glands

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-20°C / +80°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Flat sealing: Neoprene

Thread:

- Metric
- PG only for Ex eb applications

Certification:

- EN IEC 60079-0
- EN IEC 60079-7
- EN IEC 60079-31
- LCIE 02 ATEX 0038 U
- INMETRO: BVC11.0667-U
- TR CU EX:
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

BRASS

EXE

HEXAGONAL ENLARGERS Ex e - METRIC



Thread T		Part no.		H	E	L	Pkg. (pcs)	Sealing	Locknuts
T1	T2	Without sealing	+ Flat sealing						
Metric									
12	16	D5712162	D5712165	19	7.0	19.0	50	D9412002	D4312109
16	20	D5716202	D5716205	22	7.0	19.0	50	D9109001	D4316107
20	25	D5720252	D5720255	28	7.0	20.0	50	D9420007	D4320104
25	32	D5725322	D5725325	36	8.0	21.5	20	D9425002	D4325109
32	40	D5732402	D5732405	42	8.5	22.0	20	D9432000	D4332107
40	50	D5740502	D5740505	52	8.5	23.0	20	D9440005	D4340102
50	63	D5750632	D5750635	65	9.5	25.0	10	D9450004	D4350101
63	75	D5763752	D5763755	80	10.5	27.5	5	D9463004	D4363101
PG									
07	09	D5071140	–	17	5.0	12.5	50	D9107007	D4007104
09	11	D5091140	–	20	5.0	13.0	50	D9109001	D4009108
11	13	D5111140	–	22	6.0	14.0	50	D9111004	D4011101
13	16	D5131140	–	24	6.0	14.0	50	D9113008	D4013105
16	21	D5161140	–	30	6.0	15.0	50	D9116009	D4016106
21	29	D5211140	–	39	7.0	16.0	50	D9121003	D4021100
29	36	D5291140	–	50	8.0	19.0	50	D9129009	D4029106
36	42	D5361140	–	64	8.0	22.0	25	D9136007	D4036104
36	48 DIN	D5363140	–	64	8.0	24.0	25	D9136007	D4036104
42	48 DIN	D5422140	–	64	10.0	26.0	1	D9142008	D4042105

All dimensions are in millimetres (mm).

ATEX ACCESSORIES Ex e

for brass cable glands

IP Protection:

- IP66 / 68 with flat sealing

Operating temperature:

-20°C / +80°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Flat sealing: Neoprene

Thread:

- Metric
- PG only for Ex eb applications

Certification:

- EN IEC 60079-0
- EN IEC 60079-7
- EN IEC 60079-31
- LCIE 02 ATEX 0038 U
- INMETRO: BVC11.0667-U
- TR CU EX:
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

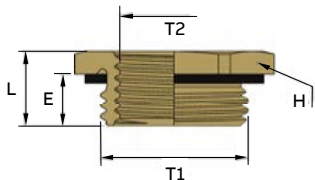
ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

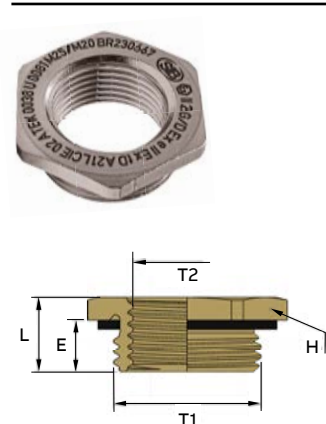


HEXAGONAL REDUCERS Ex e - METRIC / PG



	Thread T		Part no.		H	E	L	Pkg. (pcs)	Sealing	Locknuts
	T1	T2	Without sealing	+ Flat sealing						
	Metric									
	16	12	D6716122	D6716125	20	7.0	10.0	50	D9109001	D4316107
	20	16	D6720162	D6720165	24	7.0	10.0	50	D9420007	D4320104
	25	20	D6725202	D6725208	30	8.0	11.5	20	D6425002	D4325109
	32	25	D6732252	D6732255	36	8.5	12.5	20	D9432000	D4332107
	40	32	D6740322	D6740326	42	8.5	12.5	20	D9440005	D4340102
	50	40	D6750402	D6750406	55	9.5	14.5	10	D9450004	D4350101
	63	50	D6763502	D6763506	70	10.5	17.5	10	D9463004	D4363101
	75	63	D6775632	D6775635	80	11.5	19.5	1	D9475007	D4375104
		PG								
09		07	D6091140	—	17	5.0	8.0	100	D9109001	D4009108
11		09	D6111140	—	19	6.0	9.0	100	D9111004	D4011101
11		07	D6112140	—	19	6.0	9.0	100	D9111004	D4011101
13		11	D6131140	—	21	6.0	9.0	100	D9113008	D4013105
13		09	D6132140	—	21	6.0	9.0	100	D9113008	D4013105
13		07	D6133140	—	21	6.0	8.5	100	D9113008	D4013105
16		13	D6161140	—	23	6.0	9.0	100	D9116009	D4016106
16		11	D6162140	—	23	6.0	9.0	100	D9116009	D4016106
16		09	D6163140	—	23	6.0	9.0	100	D9116009	D4016106
21		16	D6211140	—	29	7.0	10.0	50	D9121003	D4021100
21		13	D6212140	—	29	7.0	10.0	50	D9121003	D4021100
21		11	D6213140	—	29	7.0	10.0	50	D9121003	D4021100
21		09	D6214140	—	29	7.0	10.0	50	D9121003	D4021100
29		21	D6291140	—	39	8.0	11.0	20	D9129009	D4029106
29		16	D6292140	—	39	8.0	11.0	20	D9129009	D4029106
29		13	D6293140	—	39	8.0	11.0	20	D9129009	D4029106
29		11	D6294140	—	39	8.0	11.0	20	D9129009	D4029106
36		29	D6361140	—	50	8.0	11.0	10	D9136007	D4036104
36		21	D6362140	—	50	8.0	11.0	10	D9136007	D4036104
36		16	D6363140	—	50	8.0	11.0	10	D9316007	D4036104
36		13	D6364140	—	50	8.0	11.0	10	D9136007	D4036104
42		36	D6421140	—	64	10.0	14.0	5	D9142008	D4042105
42		29	D6422140	—	64	10.0	14.0	5	D9142008	D4042105
48		42	D6491140	—	64	10.0	14.0	5	D9148000	D4049104
48		36	D6492140	—	64	10.0	14.0	5	D9148000	D4049104
48		29	D6493140	—	64	10.0	14.0	5	D9148000	D4049104
48		21	D6494140	—	64	10.0	14.0	5	D9148000	D4049104
48		16	D6495140	—	64	10.0	14.0	5	D9148000	D4049104

All dimensions are in millimetres (mm).



ATEX Accessories Ex e

for brass cable glands

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

-20°C / +80°C

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Flat sealing: Neoprene

Thread:

- Metric
- PG only for Ex eb applications

Certification:

- EN IEC 60079-0
- EN IEC 60079-7
- EN IEC 60079-31
- LCIE 02 ATEX 0038 U
- INMETRO: BVC11.0667-U
- TR CU EX:
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

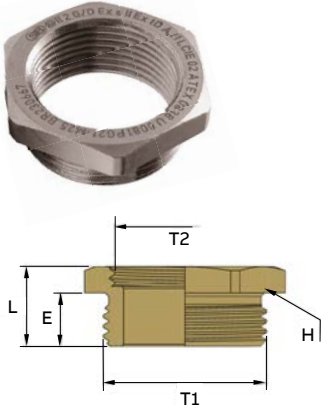
ATEX specifications:

- Type of protection: Ex eb / Ex tb
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22



HEXAGONAL ADAPTORS Ex e - PG / METRIC



	Thread T			Type	H	E	L	Pkg. (pcs)	Sealing	Locknuts
	T1 (PG)	T2 (Metric)	Part no.							
	PG / Metric									
	07	12	J7507140	A	17.0	6.5	16.5	50	D9107007	D4007104
	07	16	J7507240	A	19.0	6.5	16.5	50	D9107007	D4007104
	09	12	J7509140	B	19.0	6.5	10.0	50	D9109001	D4009108
	09	16	J7509240	A	19.0	6.5	16.5	50	D9109001	D4009108
	09	20	J7509340	A	22.0	6.5	16.5	50	D9109001	D4009108
	11	16	J7511140	B	22.0	7.0	11.0	50	D9111004	D4011101
	11	20	J7511240	A	22.0	7.0	17.0	50	D9111004	D4011101
	11	25	J7511340	A	27.0	7.0	18.0	50	D9111004	D4011101
	13	16	J7513140	B	24.0	7.0	11.0	50	D9113008	D4013105
	13	20	J7513240	A	24.0	7.0	17.0	50	D9113008	D4013105
	13	25	J7513340	A	27.0	7.0	18.0	50	D9113008	D4013105
	16	20	J7516140	A	27.0	7.0	16.0	50	D9116009	D4016106
	16	25	J7516240	A	27.0	7.0	18.0	50	D9116009	D4016106
	16	32	J7516340	A	36.0	7.0	18.5	50	D9116009	D4016106
	21	25	J7521140	B	32.0	8.0	13.0	20	D9121003	D4021100
	21	32	J7521240	A	36.0	8.0	19.5	20	D9121003	D4021100
	21	40	J7521340	A	42.0	8.0	19.5	20	D9121003	D4021100
	29	25	J7529040	B	40.0	8.5	14.0	20	D9129009	D4029106
	29	32	J7529140	B	40.0	8.5	14.0	20	D9129009	D4029106
	29	40	J7529240	A	42.0	8.5	20.0	20	D9129009	D4029106
	29	50	J7529340	A	55.0	8.5	21.0	20	D9129009	D4029106
	36	40	J7536140	B	55.0	8.5	15.0	10	D9136007	D4036104
	36	50	J7536240	A	55.0	8.5	21.0	10	D9136007	D4036104
	42	50	J7542140	B	58.0	10.0	16.5	5	D9142008	D4042105
	42	63	J7542240	A	65.0	10.0	23.5	5	D9142008	D4042105
	48	50	J7549140	B	65.0	10.0	17.0	5	D9148000	D4049104
	48	63	J7549240	A	65.0	11.0	23.5	5	D9148000	D4049104
48	75	J7549340	A	80.0	10.0	24.5	5	D9148000	D4049104	

All dimensions are in millimetres (mm).

ATEX ACCESSORIES Ex d

for brass cable glands

IP Protection:

- IP66 / 68 with flat sealing (only Metric)

Operating temperature:

- -60°C / +180°C (silicone)
- -60°C / +180°C (NPT without sealing)
- -40°C / +130°C (specific nitrile)
- -30°C / +100°C (neoprene or nitrile)

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- O-ring: Nitrile, silicone
- Flat sealing: Neoprene

Thread:

- Metric / NPT

Certification:

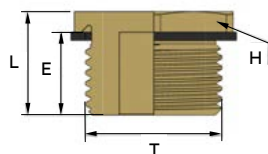
- EN 60079-0
- EN 60079-7
- EN 60079-31
- EN 60079-1
- LCIE 07 ATEX 0013 U
- INMETRO : BVC11.0666-U
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

ATEX specifications:

- Type of protection: Ex db / Ex eb / Ex td
- Equipment group: IIC / IIIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22



HEXAGONAL PLUGS Ex d TYPE B6px - METRIC



Thread T	Part no.				H	E	L	Pkg. (pcs)	Locknuts
	+ O-ring			+ Flat sealing					
	Nitrile 	Specific nitrile 	Silicone 	Neoprene 					
Metric									
12	D4812931	D4812933	D4812935	D4812932	14	12.0	15.0	25	D4312109
16	D4816931	D4816933	D4816935	D4816932	18	12.0	15.0	25	D4316107
20	D4820931	D4820933	D4820935	D4820932	23	12.0	15.0	25	D4320104
25	D4825931	D4825933	D4825935	D4825932	29	12.0	15.5	20	D4325109
32	D4832931	D4832933	D4832935	D4832932	39	12.0	16.0	15	D4332107
40	D4840931	D4840933	D4840935	D4840932	45	15.0	19.0	10	D4340102
50	D4850931	D4850933	D4850935	D4850932	58	15.0	20.0	5	D4350101
63	D4863931	D4863933	D4863935	D4863932	70	19.0	26.0	5	D4363101
75	D4875931	D4875933	D4875935	D4875932	80	24.0	32.0	1	D4375104
80 x 200	D4880931	D4880933	D4880935	–	90	24.0	32.0	1	D4380100
90 x 200	D4890931	D4890933	D4890935	–	100	24.0	32.0	1	D4390100
100 x 200	D4899931	D4899933	D4899935	–	110	24.0	32.0	1	D4399100
Thread T	Part no.				H	E	L		
NPT									
1/4"	D4606930				15	15.0	18.0		
3/8"	D4608930				19	15.0	18.0		
1/2"	D4612930				23	20.0	23.0		
3/4"	D4620930				29	20.0	24.0		
1"	D4628930				36	25.0	29.0		
1"1/4	D4635930				45	25.0	29.0		
1"1/2	D4641930				50	26.0	31.0		
2"	D4647930				64	27.0	33.0		
2"1/2	D4650930				80	40.0	47.0		
3"	D4660930				100	42.0	50.0		
4"	D4680930				125	44.0	53.0		

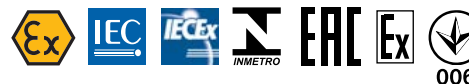
All dimensions are in millimetres (mm).

ATEX Accessories Ex d

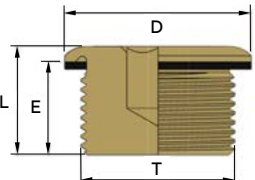
for brass cable glands

BRASS

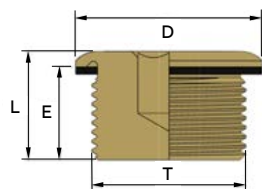
EXE



HOLLOW HEXAGONAL PLUGS TYPE Acx - METRIC

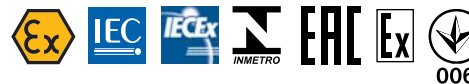



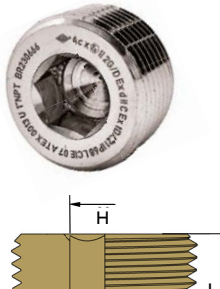
Thread T	Part no.			D	H	E	L	Pkg. (pcs)	Locknuts
	+ O-ring								
	Nitrile ●	Specific nitrile ●	Silicone ●						
Metric									
12	D8912110	D8912111	D8912112	16.0	6	15.0	17.5	25	D4312107
16	D8916110	D8916111	D8916112	20.0	10	15.0	17.5	25	D4316107
20	D8920110	D8920111	D8920112	24.0	10	15.0	17.5	25	D4320104
25	D8925110	D8925111	D8925112	30.0	10	15.0	17.5	20	D4325109
32	D8932110	D8932111	D8932112	36.0	15	15.0	17.5	15	D4332107
40	D8940110	D8940111	D8940112	45.0	15	15.0	17.5	10	D4340102
50	D8950110	D8950111	D8950112	55.0	20	15.0	18.0	5	D4350101
63	D8963110	D8963111	D8963112	70.0	20	15.0	18.0	5	D4363101
75	D8975110	D8975111	D8975112	80.0	20	15.0	18.0	1	D4375104
80 x 200	D8980005	D8980006	D8980007	86.0	20	20.0	24.0	1	D4380100
90 x 200	D8990005	D8990006	D8990007	98.0	20	20.0	24.0	1	D4390100
100 x 200	D8999005	D8999006	D8999007	108.0	20	20.0	24.0	1	D4399100

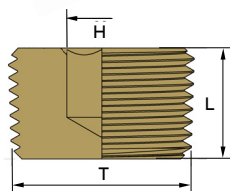


All dimensions are in millimetres (mm).

ROUND PLUGS TYPE Acx - NPT



	Thread T	Part no.	H	L	Pkg. (pcs)
		Without sealing			
	NPT				
	1/4"	D8906100	6	16	25
	3/8"	D8908100	8	16	25
	1/2"	D8914100	10	16	25
	3/4"	D8919100	10	16	20
	1"	D8928100	15	18	15
	1 1/4"	D8935100	15	18	10
	1 1/2"	D8941100	15	20	5
	2"	D8947100	20	20	5
	2 1/2"	D8951100	20	22	1
	3"	D8961100	20	22	1



All dimensions are in millimetres (mm).

ATEX ACCESSORIES Ex d

for brass cable glands

IP Protection:

- IP68

Operating temperature:

- -50°C / +100°C
- -20°C / +200°C
(viton O-ring, available on request)
- -30°C / +100°C (nitrile)
- -40°C / +130°C
(specific nitrile)

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- Flat sealing: Nitrile

Thread:

- Metric / NPT

Certification:

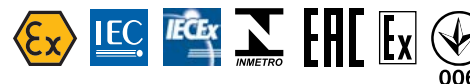
- EN 60079-0 (2012) + A11 (2013)
- EN 60079-7 (2007)
- EN 60079-31 (2009)
- EN 60079-1
- LCIE 07 ATEX 0013 U
- INMETRO : BVC11.0666-U
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

ATEX specifications:

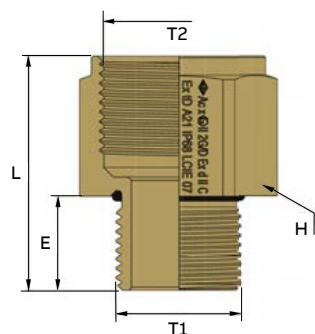
- Type of protection: Ex e / Ex td
- Equipment group: II
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

BRASS

EXD

ENLARGERS Ex d - METRIC / NPT


All dimensions are in millimetres (mm).



ATEX Accessories Ex d

for brass cable glands

IP Protection:

- IP68 with sealing

Operating temperature:

- -30°C / +100°C (nitrile)
- -40°C / +130°C (specific nitrile)

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- O-ring: Nitrile
- O-ring: Viton on request

Thread:

- Metric / NPT

Certification:

- EN 60079-0 (2012) + A11 (2013)
- EN 60079-7 (2007)
- EN 60079-31 (2009)
- EN 60079-1
- LCIE 07 ATEX 0013 U
- INMETRO : BVC11.0666-U
- TR CU EX :
RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

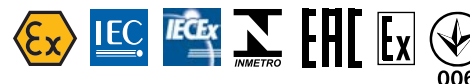
ATEX specifications:

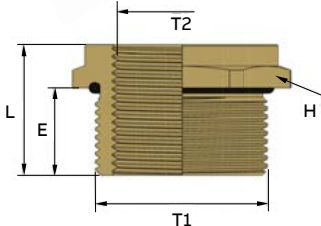
- Type of protection: Ex e/d
- Equipment group: II
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22

BRASS

EXD

HEXAGONAL REDUCERS Ex d - METRIC / NPT



	Thread T		Part no.	H	E	L	Pkg. (pcs)	Locknuts
	T1	T2	+ O-ring Nitrile ●					
 	Metric							
	16	12	D8716125	18	16.0	22.0	1	D4316107
	20	12	D8720125	24	16.0	23.0	1	D4320104
	20	16	D8720165	24	16.0	23.0	1	D4320104
	25	16	D8725165	28	16.0	23.0	1	D4325109
	25	20	D8725205	28	16.0	23.0	1	D4325109
	32	20	D8732205	36	16.0	24.0	1	D4332107
	32	25	D8732255	36	16.0	24.0	1	D4332107
	40	25	D8740255	44	16.0	24.0	1	D4340102
	40	32	D8740325	44	16.0	24.0	1	D4340102
	50	32	D8750325	55	16.0	26.0	1	D4350101
	50	40	D8750405	55	16.0	26.0	1	D4350101
	63	40	D8763405	70	16.0	28.0	1	D4363101
	63	50	D8763505	70	16.0	28.0	1	D4363101
	75	50	D8775505	80	16.0	28.0	1	D4375104
	75	63	D8775635	80	16.0	28.0	1	D4375104
	90 x 200	63	D8790635	95	20.0	35.0	1	D4390100
	90 x 200	75	D8790755	95	20.0	35.0	1	D4390100
	100 x 200	75	D8799755	100	22.0	38.0	1	D4399100
	100 x 200	90 x 200	D8799905	100	22.0	38.0	1	D4399100
	Thread T							
	T1	T2	Part no.	H	E	L	Pkg. (pcs)	
	NPT							
	3/4 "	1/2"	D8719141	28	20.0	26.0	1	
	1"	1/2"	D8728141	36	25.0	33.0	1	
	1"	3/4"	D8728191	36	25.0	33.0	1	
	1 1/4	3/4"	D8735191	44	25.0	35.0	1	
	1 1/4	1"	D8735281	44	25.0	35.0	1	
	1 1/2	1"	D8741281	50	26.0	36.0	1	
	1 1/2	1 1/4	D8741351	50	26.0	36.0	1	
	2"	1 1/4	D8747351	64	27.0	39.0	1	
	2"	1 1/2	D8747411	64	27.0	39.0	1	
	2"	1"	D8747281	64	27.0	39.0	1	
	3"	2"	D8761471	95	42.0	57.0	1	
	3"	2 1/2	D8761511	95	42.0	57.0	1	

All dimensions are in millimetres (mm).

ATEX ACCESSORIES Ex d

for brass cable glands

IP Protection:

- IP66 / 68 with sealing

Operating temperature:

- -30°C / +100°C (nitrile)
- -40°C / +130°C (specific nitrile)

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- O-ring: Nitrile

Thread:

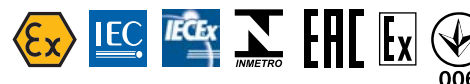
- Metric / NPT

Certification:

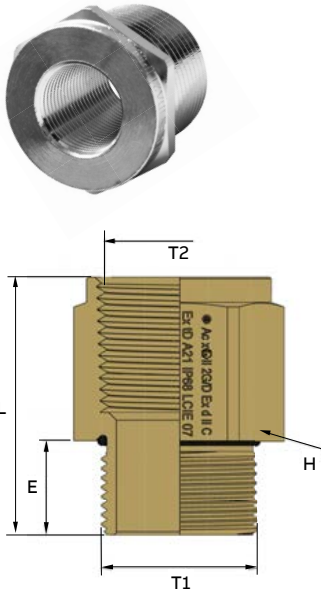
- EN 60079-0 (2012) + A11 (2013)
- EN 60079-7 (2007)
- EN 60079-31 (2009)
- EN 60079-1
- LCIE 07 ATEX 0013 U
- INMETRO : BVC11.0666-U
- TR CU EX :
- RU C-FR.BH02.B.00558/20
- UA.TR.006.B.99902-23 U

ATEX specifications:

- Type of protection: Ex db / Ex eb / Ex td
- Equipment group: II / IIC
- Category: 2 & 3
- Atmosphere: G & D
- Zones: 1, 2, 21, 22



ADAPTERS Ex d - METRIC / NPT

	Thread T		Part no.	H	E	L	Pkg. (pcs)	Locknuts
	T1 (Metric)	T2 (NPT)	+ O-ring					
	Metric / NPT							
	16	1/2"	D8616145	24	15.0	42.0	1	D4316107
	20	1/2"	D8620145	24	15.0	40.0	1	D4320104
	20	3/4"	D8620195	30	15.0	42.0	1	D4320104
	25	1/2"	D8625145	28	15.0	23.0	1	D4325109
	25	3/4"	D8625195	30	15.0	41.0	1	D4325109
	25	1"	D8625285	38	15.0	47.0	1	D4325109
	32	1/2"	D8632145	36	15.0	23.0	1	D4332107
	32	3/4"	D8632195	36	15.0	23.0	1	D4332107
	32	1"	D8632285	38	15.0	47.0	1	D4332107
	40	3/4"	D8640195	44	15.0	23.0	1	D4340102
	40	1"	D8640285	44	15.0	23.0	1	D4340102
	40	1"1/4	D8640355	46	15.0	47.0	1	D4340102
	40	1"1/2	D8640415	52	15.0	48.0	1	D4340102
	50	1"	D8650285	55	16.0	26.0	1	D4350101
	50	1"1/2	D8650415	55	16.0	50.0	1	D4350101
	50	2"	D8650475	64	16.0	50.0	1	D4350101
	63	1"1/2	D8663415	70	17.0	28.0	1	D4363101
	63	2"	D8663475	70	17.0	51.0	1	D4363101
	75	2"	D8675475	80	18.0	29.0	1	D4375104
	75	2"1/2	D8675515	80	18.0	63.0	1	D4375104
	75	3"	D8675615	95	18.0	70.0	1	D4375104

Viton O-ring on request (-20 °C / +200 °C).
All dimensions are in millimetres (mm).

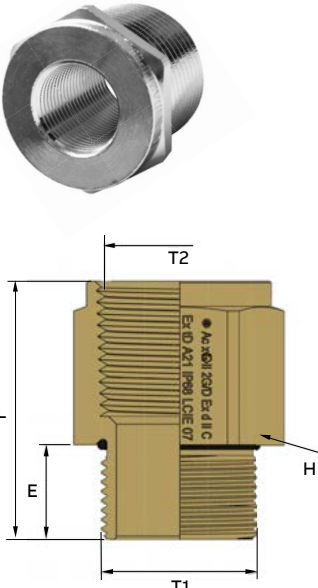
ATEX Accessories Ex d

for brass cable glands

BRASS



ADAPTERS Ex d - NPT / METRIC

	Thread T		Part no.	H	E	L	Pkg. (pcs)
	T1 (NPT)	T2 (Metric)					
	NPT / Metric						
	1/2"	12	D8614121	24	20.0	27.0	1
	1/2"	16	D8614161	24	20.0	27.0	1
	1/2"	20	D8614201	24	20.0	42.0	1
	1/2"	25	D8614251	28	20.0	42.0	1
	3/4"	16	D8619161	28	20.0	27.0	1
	3/4"	20	D8619201	28	20.0	27.0	1
	3/4"	25	D8619251	28	20.0	42.0	1
	1"	20	D8628201	36	25.0	33.0	1
	1"	25	D8628251	36	25.0	33.0	1
	1"	32	D8628321	36	25.0	48.0	1
	1 1/4"	25	D8635251	44	25.0	33.0	1
	1 1/4"	32	D8635321	44	25.0	33.0	1
	1 1/2"	32	D8641321	50	26.0	35.0	1
	1 1/2"	40	D8641401	50	26.0	35.0	1
	1 1/2"	50	D8641501	55	26.0	51.0	1
	2"	50	D8647501	64	27.0	36.0	1
	2"	63	D8647631	70	27.0	55.0	1
	2"	75	D8647751	80	27.0	55.0	1
	2 1/2"	50	D8651501	80	40.0	53.0	1
	2 1/2"	63	D8651631	80	40.0	53.0	1
	3"	63	D8661631	90	42.0	55.0	1
	3"	75	D8661751	90	42.0	55.0	1

SPECIAL FEATURES

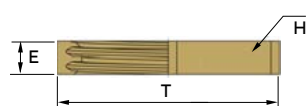
- Earthing locknuts for EMC application

Material:

- Nickel-plated brass*

LOCKNUTS - METRIC / PG / NPT

Thread T	Part no.		H	E	Pkg. (pcs)
	Brass 	Nickel-plated 			
Metric					
12	ON REQUEST	D4312109	15	3.0	50
16		D4316107	20	3.0	50
20		D4320104	24	3.5	50
25		D4325109	30	3.5	25
32		D4332107	35	4.5	20
40		D4340102	45	4.5	10
50		D4350101	55	5.5	5
63		D4363101	70	6.0	5
75		D4375104	80	8.0	5
80 x 200		D4380100	90	10.0	5
90 x 200		D4390100	100	12.0	5
100 x 200		D4399100	110	12.0	5
110 x 200		D4311100	125	15.0	1



Thread T	Part no.		H	E	Pkg. (pcs)
	Brass 	Nickel-plated 			
PG					
07	ON REQUEST	D4007104	15	2.9	50
09 DIN		D4008101	18	2.9	50
11		D4011101	21	3.1	50
13		D4013105	23	3.1	50
16		D4016106	26	3.1	50
21		D4021100	32	3.6	20
29		D4029106	41	4.1	20
36		D4036104	51	5.1	10
42		D4042105	60	5.1	5
48		D4049104	64	5.6	5
NPT					
1/8"	ON REQUEST	D4204200	15	2.0	50
1/4"		D4206200	17	2.8	50
3/8"		D4208200	20	3.0	50
1/2"		D4212200	24	4.0	50
3/4"		D4220200	30	4.0	20
1"		D4228200	36	5.0	20
1"1/4		D4235200	46	5.0	20
1"1/2		D4241200	55	5.5	5
2"		D4247200	64	5.5	5
2"1/2		D4248200	80	6.6	5
3"		D4249200	100	7.0	5
4"		D4250200	120	7.0	5

* Available in stainless steel 316L-1.4404-V4A.
All dimensions are in millimetres (mm).

ATEX ACCESSORIES

for brass cable glands

SPECIAL FEATURES

- Earthing locknuts for EMC application

Thread:

Metric / PG / NPT

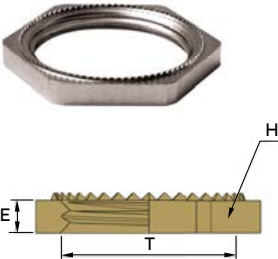
Material:

- Brass / Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A

BRASS

EMC TESTED

EARTHING LOCKNUTS - METRIC / PG

	Thread T	Part no.		H	E	Pkg. (pcs)
		Brass 	Nickel-plated 			
	Metric					
	12	ON REQUEST	D3412100	15	3.0	50
	16		D3416100	19	3.0	50
	20		D3420100	24	3.5	50
	25		D3425100	30	3.5	25
	32		D3432100	35	4.5	20
	40		D3440100	45	4.5	10
	50		D3450100	55	5.5	5
	63		D3463100	70	6.0	5
	75		D3475100	80	8.0	5
	PG					
	07	ON REQUEST	D4407100	15	2.9	50
	09 DIN		D4408100	18	2.9	50
	11		D4411100	21	3.1	50
	13		D4413100	23	3.1	50
	16		D4416100	26	3.1	50
	21		D4421100	32	3.6	20
	29		D4429100	41	4.1	20
	36		D4436100	51	5.1	10
42	D4442100		60	5.1	5	
48	D4449100		64	5.6	5	

All dimensions are in millimetres (mm).

STAINLESS
STEELZINC
STEEL

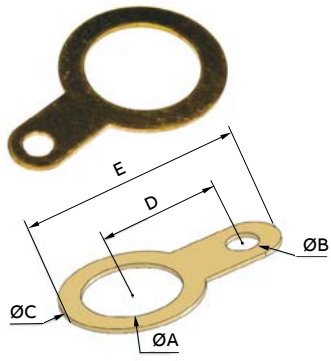
SERRATED WASHERS - METRIC

	Thread T	Part no.		H	Outer Ø	Pkg. (pcs)
		Zinc steel ●	Stainless steel ●			
	Metric					
	16	N8816000	N8716000	25.5	25.5	50
	20	N8820000	N8720000	32.5	32.5	50
	25	N8825000	N8725000	40.0	40.0	25
	32	N8832000	N8732000	43.0	43.0	20
	40	N8840000	N8740000	60.0	60.0	10
	50	N8850000	N8750000	78.0	78.0	5
	63	N8863000	N8763000	98.0	98.0	5
	75	N8875000	N8775000	110.0	110.0	5
	80					—
	90		ON REQUEST			—
	100					—

All dimensions are in millimetres (mm).

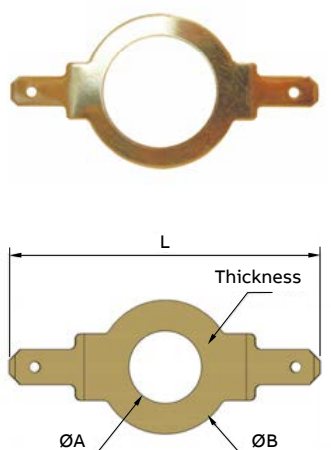
BRASS

EARTHING TAGS - METRIC

	Thread	Part no.	Ø A	Ø B	Ø C	D	E	Thickness	Pkg. (pcs)
	Metric								
	12	N9812100	12.0	6.6	29.0	26.8	47.9	1.0	100
	16	N9816100	16.0	6.6	29.0	26.6	47.9	1.0	100
	20	N9820100	20.1	6.7	29.0	25.7	47.9	1.0	100
	25	N9825100	25.2	6.7	36.9	31.0	57.2	1.0	100
	32	N9832100	32.1	6.9	43.7	37.7	69.5	1.0	50
	40	N9840100	39.9	6.9	52.6	43.4	78.0	1.2	50
	50	N9850100	50.0	6.9	64.4	49.9	90.4	1.2	50
	63	N9863100	62.8	6.9	79.6	65.3	116.8	1.3	25
	75	N9875100	75.6	6.9	96.0	74.4	133.5	1.3	25
	80								-
	90								-
	100								-

All dimensions are in millimetres (mm).
Other material on request.

LUGS - PG / METRIC / GAS

	Thread			Part no.	Ø A	Ø B	L	Thickness	Pkg. (pcs)
	PG	Metric	Gas						
	7	12	1/4"	N9807006	13.0	24.0	56.0	1	100
	9	-	-	N9809000	16.0	24.0	56.0	1	100
	-	16	3/8"	N9816000	16.5	24.0	56.0	1	100
	11	-	-	N9811003	19.0	28.0	60.0	1	100
	-	20	-	N9820000	20.5	28.0	60.0	1	100
	13	-	1/2"	N9813007	21.0	28.0	60.0	1	100
	16	-	5/8"	N9816008	23.0	32.0	64.0	1	100
	-	25	-	N9825000	25.5	32.0	64.0	1	100
	21	-	3/4"	N9821002	29.0	37.0	64.0	1	100
	-	32	1"	N9832000	33.0	40.0	72.0	1	100
	29	-	1 1/8"	N9829008	38.0	52.0	84.0	1	100
	-	40	-	N9840000	40.5	52.0	84.0	1	100
	36	-	1 1/2"	N9836006	48.0	62.0	94.0	1	100
	-	50	-	N9850000	50.5	62.0	94.0	1	1
	42	-	1 3/4"	N9842000	55.0	71.0	103.0	1	1
	48	-	2"	N9848000	61.0	78.0	110.0	1	1
	-	63	-	N9863000	63.5	78.0	110.0	1	1

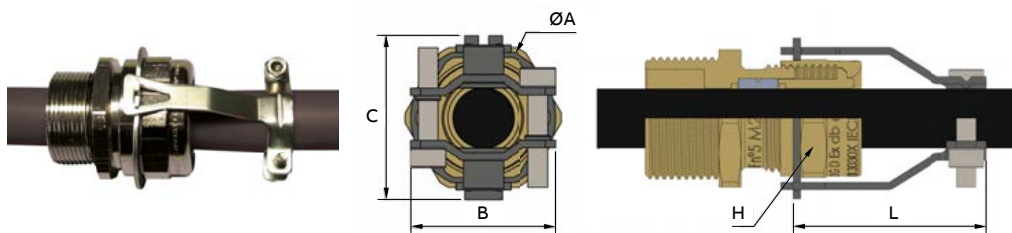
All dimensions are in millimetres (mm).

CLAMPING MODULES

Type	Part no.	Ø A	B	L	C	Pkg. (pcs)
5	D8505500	25	25	42	28	1
6	D8506500	29	28	42	32	1
7	D8507500	38	37	50	40	1
8	D8508500	48	40	54	50	1
9	D8509500	58	48	72	62	1
10	D8510500	65	56	72	70	1
11	D8511500	74	66	72	78	1
12	D8512500	80	74	72	84	1

FLANGE (H)*

Type	H
5	20
6	24
7	30
8	40
9	48
10	55
11	64
12	70



*Note: The size of the cap defines the type of flange (H) that can be used, the clamping modules can be mounted on all caps.
All dimensions are in millimetres (mm).

SPECIFICATIONS

for ATEX environments and explosive areas

ATEX equipment for dust and gas approved explosive areas.

CLASSIFICATION OF GASES AND VAPOURS / DUST

Class II A	Dusts	Class II B	Dusts	Class II C	Dusts
Propane	Combustible	Ethylene	Non-conductive dusts	Acetylene	Conductive dusts
Ethane	particles	Diethyl ether		Hydrogen	
Butane		Cyclopropane		Carbon disulfide	
Benzène		Butadiene 1-3		Ethyl nitrate	
Pentane		Hydrogen Cyanide			
Heptane		Dioxane			
Acétone		Trioxane			
Ethyle de Methyl		Ethyl acrylate			
Alcool de Méthyl					
Solvant de peinture					
Gaz naturel					

ATEX CLASSIFICATION FOR GROUP II EQUIPEMENT SURFACE INDUSTRY

Explosion group			
Danger	Zone	Category	Standard marking
Permanent Danger	Zone 0	Category 1	CE II 1 G
	Zone 20	Category 1	CE II 1 D
Casual Danger	Zone 1	Category 2 (or 1)	CE II 2 G (or 1 G)
	Zone 21	Category 2 (or 1)	CE II 2 D (or 1 D)
Potential Danger	Zone 2	Category 3 (or 2 / or 1)	CE II 3 G (or 2 G / or 1 G)
	Zone 22	Category 3 (or 2 / or 1)	CE II 3 D (ou 2 D ou 1 D)

CASSIFICATION AND METHODS OF SIB® PROTECTION

Protection type	ID code - Code d'identification						Fundamental principle
	Gas			Dust			
Zones	0	1*	2*	20	21*	22*	
Equipment category	1	2*	3*	1	2*	3*	
Electrical equipment							
General rules							General determinations for construction rules and construction and testing of electrical equipment for use in explosive atmospheres
Explosion protection EN/IEC 60079-1	Ex da	Ex da Ex db*	Ex da Ex db* Ex dc*				If an explosion occurs in the envelope, and it resists the pressure, the explosion does not propagate outside
Increased security EN/IEC 60079-7		Ex eb*	Ex eb* Ex ec*				Applicable only to components which in normal operation do not generate sparks, arcs or excessive arcing or excessive temperature with a supply voltage of less than 1kV
Enclosure protection EN/IEC 60079-31				Ex ta	Ex ta Ex tb*	Ex ta Ex tb* Ex tc*	The enclosure is sealed against dust penetration the ignition source has no contact with the explosive atmosphere

*Only for SIB®.

ZONE CLASSIFICATION

for ATEX environments

ZONE 0

Permanent Risk
explosive mixture
constantly present.

GAS (ZONE 0 - ZONE 2)

ZONE 1

Frequent Risk
Explosive mixture can
appear in normal running.

ZONE 2

Occasional Risk
Explosive mixture can only
appear in case of dysfunction.



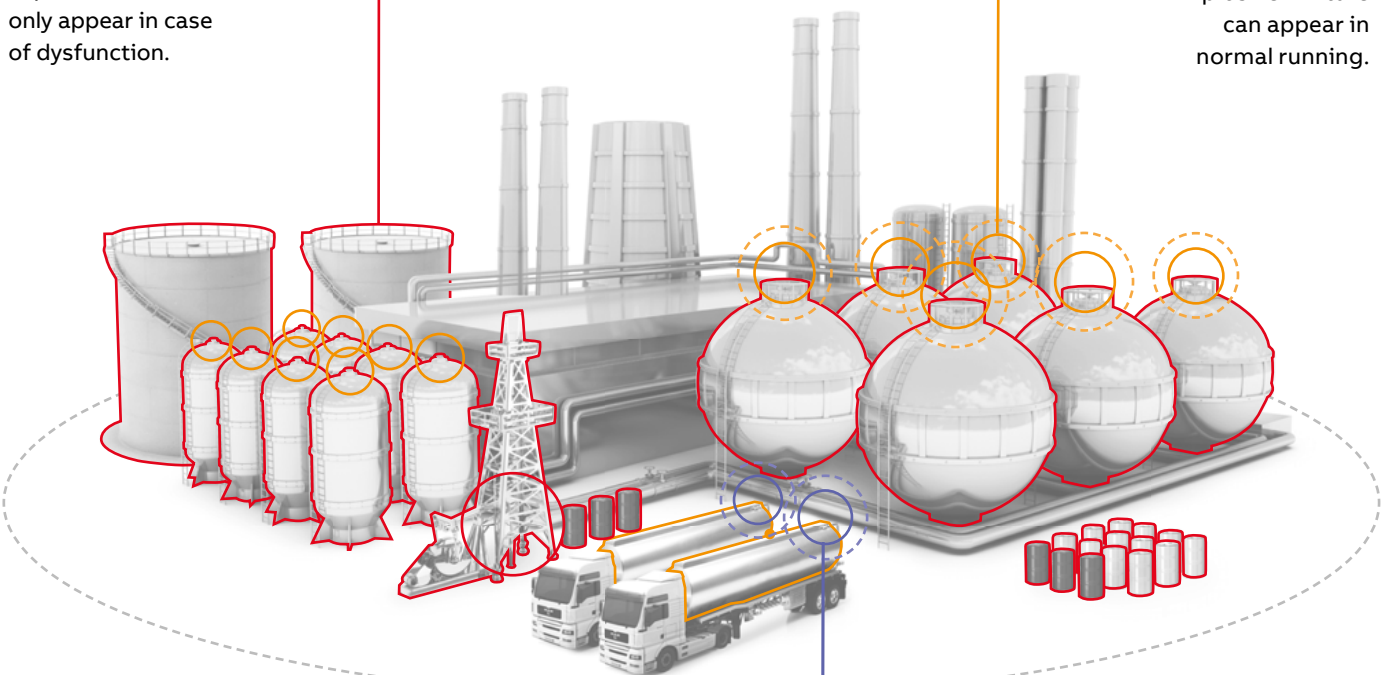
ZONE 22

Occasional Risk
Explosive mixture can
only appear in case
of dysfunction.

DUST (ZONE 20 - ZONE 22)

ZONE 21

Frequent Risk
Explosive mixture
can appear in
normal running.



ZONE 20

Permanent risk
explosive mixture
constantly present.

SAFETY ZONE

Low Explosion Risk

CERTIFICATION

Worldwide SIB® certification



Outlet bushings and fittings

UL Category: QCRV7/8

CSA C22.2 No. 18.3

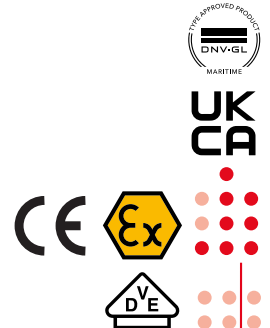


Outlet bushings and fittings

UL Category: QCRV/2

ANSI/UL 514B

UL50E



**UK
CA**

U.K Regulation
European Conformity
SI 2016 No. 1107



International Certification

Ex Equipment Global Market Access IEC 60079-0,
IEC 60079-7 IEC 60079-31 IEC 60079-1.

INMETRO No. 179/2010
ABNT NBR IEC 60079-0
ABNT NBR IEC 60079-7
ABNT NBR IEC 60079-31
ABNT NBR IEC 60079-1
ABNT NBR IEC 60529



ATEX Directive 2014/34/EU
European Conformity
 EN 60079-0
 EN 60079-7
 EN 60079-31
 EN 60079-1



EAC TR CU 012/2011
Eurasian Conformity
 ГОСТ Р МЭК 60079-0
 ГОСТ IEC 60079-1
 ГОСТ Р МЭК 60079-31
 ГОСТ Р МЭК 60079-7



Ex Regulation in China
 GB 3836.1
 GB 3836.2
 GB 12476.1
 GB 12476.5



Trua-Certified
 ДСТУ EN IEC 60079-0
 ДСТУ EN 60079-1
 ДСТУ EN 60079-7
 ДСТУ EN 60079-31

DEGREE OF PROTECTION

According to DIN EN 60529

IP suitability ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment.

PROTECTION AGAINST SOLID BODIES

Degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects.

	0	No protection
	1	Objects greater than 50 mm, accidental touch by hands
	2	Objects greater than 12 mm, accidental touch by fingers
	3	Objects greater than 2.5 mm, e.g. tools/wires
	4	Objects greater than 1 mm, e.g. tools/wires/small wires
	5	Protected against dust – limited ingress (no harmful deposits)
	6	Totally protected against dust (dust-tight)

PROTECTION AGAINST WATER

Degree of protection of equipment inside enclosures against damage from the ingress of water.

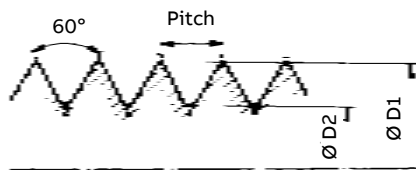
	0	No protection
	1	Protected against vertically falling drops of water
	2	Protected against direct sprays of water 15° from vertical
	3	Protected against sprays of water to 60° from vertical
	4	Protected against water sprayed from all directions – limited ingress permitted
	5	Protected against low pressure jets of water from all directions – limited ingress permitted
	6	Protected against strong pressure jets of water, heavy seas – limited ingress permitted
	7	Protection against the effects of immersion between 15 cm – 1 m
	8	Protection against long periods of immersion under a quoted pressure, e.g. 2 bar at 24 hours
	9	IP69 Automotive standard DIN40050 and signifies resistance to high pressure jets of water (up to 80 bar) from any angle

Degree of Protection

for railway cable glands

METRIC THREAD TO EN 60423

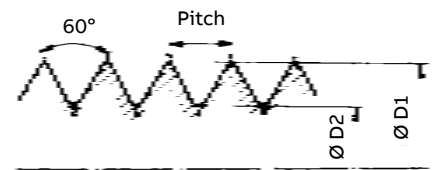
Metric	Pitch (mm)	Ø Outside diameter (mm)	Ø Core diameter (mm)	Clearance hole (mm)
10	1.0	10.0	9.0	10.5
12	1.5	12.0	10.5	12.5
16	1.5	16.0	14.5	16.5
20	1.5	20.0	18.5	20.5
25	1.5	25.0	23.5	25.5
32	1.5	32.0	30.5	32.5
40	1.5	40.0	38.5	40.5
50	1.5	50.0	48.5	50.5
63	1.5	63.0	61.5	63.3
75	1.5	75.0	73.5	75.5
80	2.0	80.0	78.0	80.5
90	2.0	90.0	88.0	90.5
100	2.0	100.0	98.0	100.5



All dimensions are in millimetres (mm).

PG THREAD TO DIN 40430

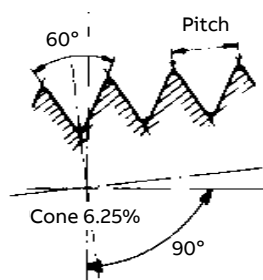
PG	Pitch (mm)	Ø Outside diameter (mm)	Ø Core diameter (mm)	Clearance hole (mm)
07	1.270	12.5	11.28	12.7
09	1.410	15.2	13.86	15.4
11	1.410	18.6	17.26	18.8
13	1.410	20.4	19.06	20.7
16	1.410	22.5	21.16	22.8
21	1.587	28.3	26.78	28.6
29	1.587	37.0	35.48	37.4
36	1.587	47.0	45.48	47.5
42	1.587	54.0	52.48	54.5
48	1.588	59.3	57.78	59.8



All dimensions are in millimetres (mm).

NPT THREAD TO ANSI / ASME B 1.20.1

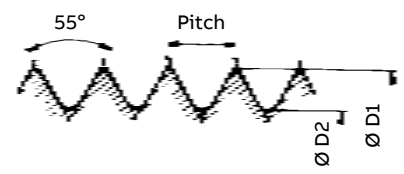
NPT	Pas Pitch (mm)	Ø external gauge plan (mm)	Treads per inch
1/4	1,411	13,616	18
3/8	1,411	17,055	18
1/2	1,814	21,223	14
3/4	1,814	26,568	14
1"	2,208	33,227	11 1/2
1" 1/4	2,208	41,984	11 1/2
1" 1/2	2,208	48,053	11 1/2
2"	2,208	60,091	11 1/2
2" 1/2	3,175	72,699	8
3"	3,175	88,608	8
3" 1/2	3,175	100,013	8



All dimensions are in millimetres (mm).

GAS PIPE THREAD TO ISO 228-1

BSP	Pitch (mm)	Ø Outside diameter (mm)	Ø Core diameter (mm)	Clearance hole (mm)
1/4	1,337	13,157	11,145	13,4
3/8	1,337	16,662	14,950	17,0
1/2	1,814	20,955	18,631	21,3
5/8	1,814	22,911	20,587	23,3
3/4	1,814	26,441	24,117	26,8
1"	2,309	33,249	30,291	33,7
1" 1/4	2,309	41,910	38,952	42,4
1" 1/2	2,309	47,803	44,845	48,3
2"	2,309	59,614	56,656	60,2
2" 1/2	2,309	75,184	72,226	75,7
3"	2,309	87,884	84,926	88,5
3" 1/2	2,309	100,330	97,372	101,0
4"	2,309	113,030	110,072	114,0



All dimensions are in millimetres (mm).

4F & S-4F ASSEMBLY INSTRUCTIONS

Double sealing explosive atmosphere cable glands (Brass)

Assembly instructions for the preparation and assembly of the **4F** and **S-4F** double sealing explosive atmosphere cable glands (brass), for use in explosive atmospheres.



DOUBLE SEALING

Double sealing brass cable glands for explosive atmospheres.



EXPLOSION PROOF

Explosion proof sealing on internal sheath.



ATEX MARKINGS

Clear ATEX markings on cable gland exterior.

PREPARATION FOR ASSEMBLY - 4F & S-4F

Preparation for the opening of both seals

O1



Clamping seal

O2



Tear-off area

O3



Drill or incise

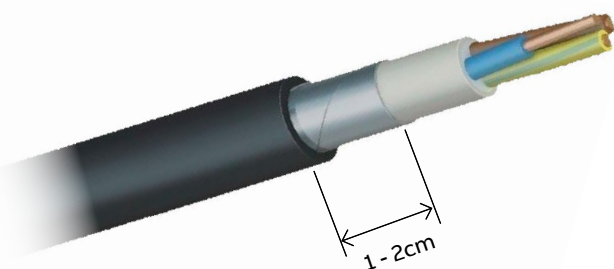
O4



Remove the seal

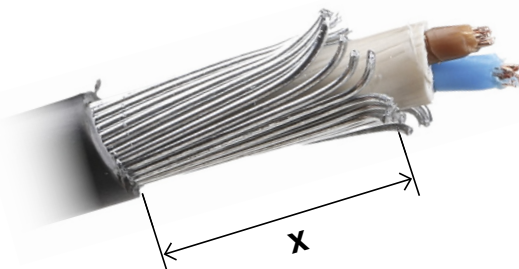
STA CABLE PREPARATION

Keep an area of 1 to 2 cm of strap according to the cone size.



SWA CABLE PREPARATION

Remove the outer sheath from the cable to the length you need. Completely remove the exposed armor from the cable, and again remove a portion of the outer sheath to a length of "X" (length "X" = height of the clamping ring).



Armored cables

An armored cable is an electrical cable that contains an extra layer of protection that shields its internal components from abrasion. This type of cable is more rigid than conventional electrical cables and performs its function in an optimal manner.

STA



Steel Tape Armored cable (STA)

This armored cable with steel strip is suitable for cabling applications with current requirements up to 35kV. The structure of the cable provides mechanical and chemical protection of the conductors.

SWA



Steel Wire Armored cable (SWA)

The steel wire armored cable is certainly the best known armored cable. This cable consists of a highly conductive copper conductor, an XLPE or PVC inner sheath and a steel wire armor that forms the outer sheath. Its steel armor is ideal for mechanical and chemical protection of the conductors.

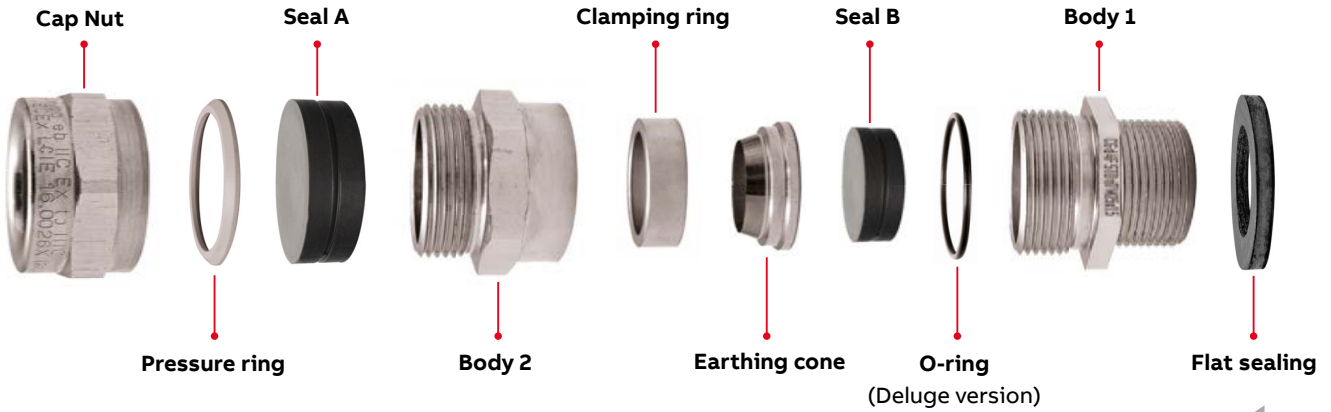
SWB



Steel Wire Braided cable (SWB)

The steel braided armored cable ensures the protection of conductors against electromagnetic interference and mechanical protection.

S-4F ASSEMBLY INSTRUCTIONS



START YOUR INSTALLATION*

01

- Pressure ring + seal A in the cap nut
- Seal B in the earthing cone
- Flat sealing + body 1 (with O-ring) fitted in the threaded hole

02

- Cover the earthing cone with the steel wire and place clamping ring over the cone.

03

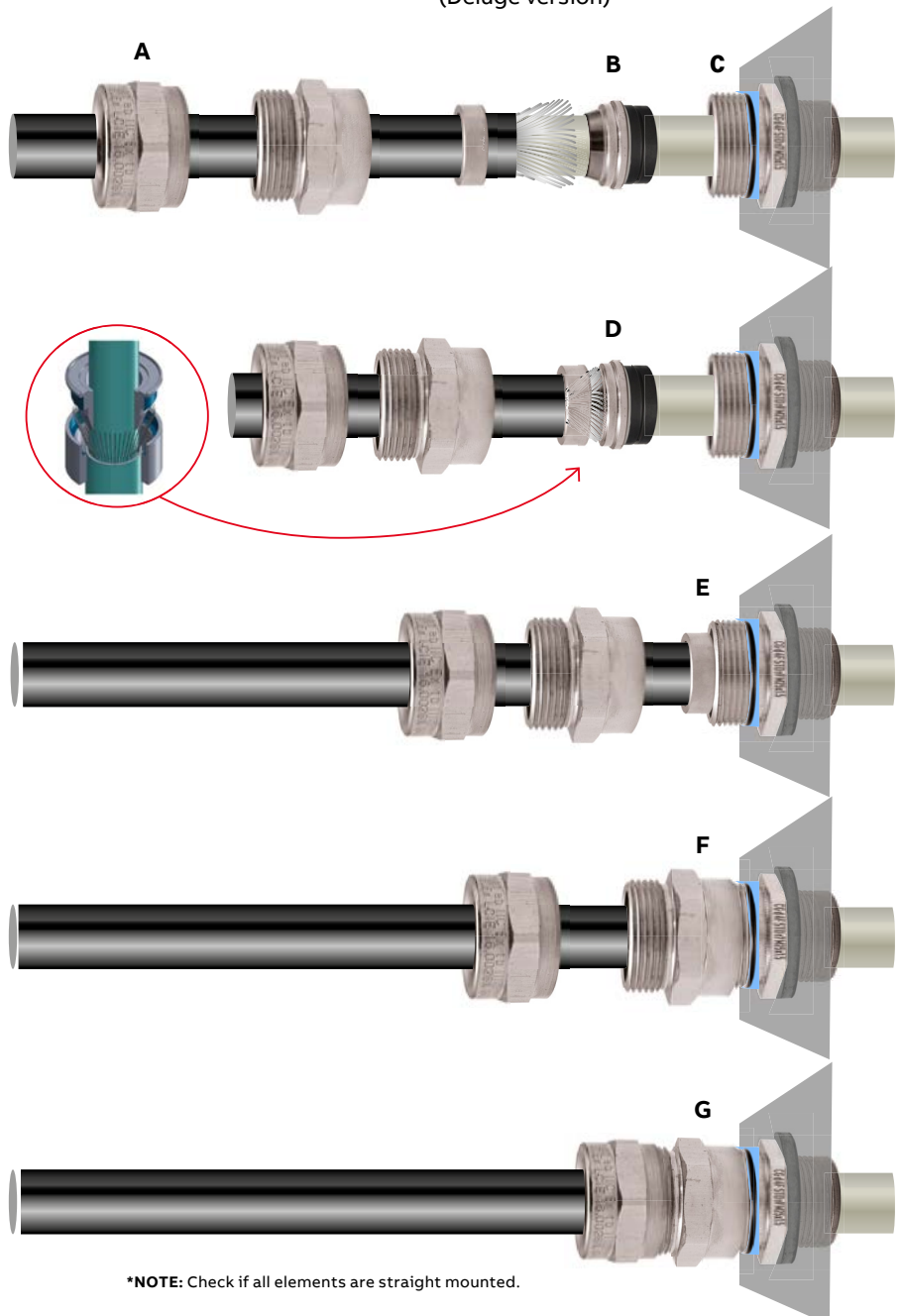
- Screw the earthing cone on the body 1

04

- Screw the body 2 until O-ring (Deluge version)

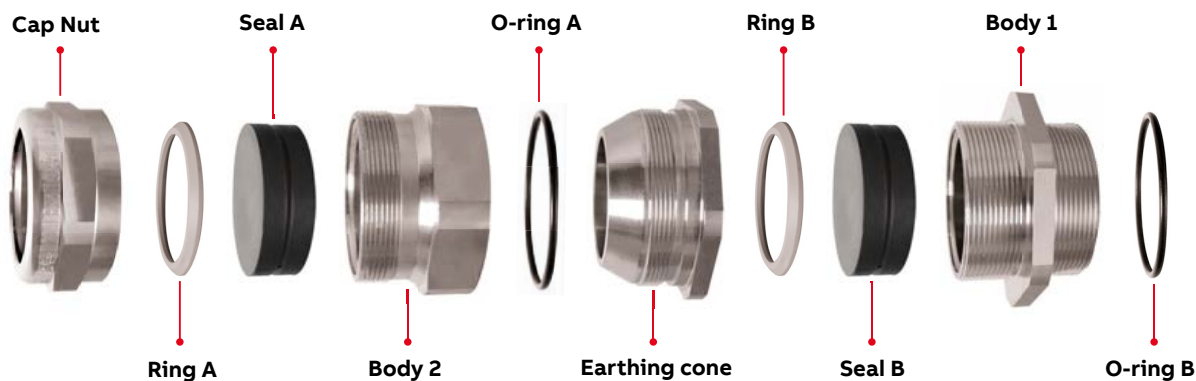
05

- Screw the cap nut into the body 2 and you are done



*NOTE: Check if all elements are straight mounted.

4F ASSEMBLY INSTRUCTIONS



START YOUR INSTALLATION*

01

- a. Seal A in the cap nut
- b. Seal B in the earthing cone
- c. Body 1 fitted in the threaded hole

02

- d. Cover the earthing cone with the strap + cut of the strap on 95 % of the surface

03

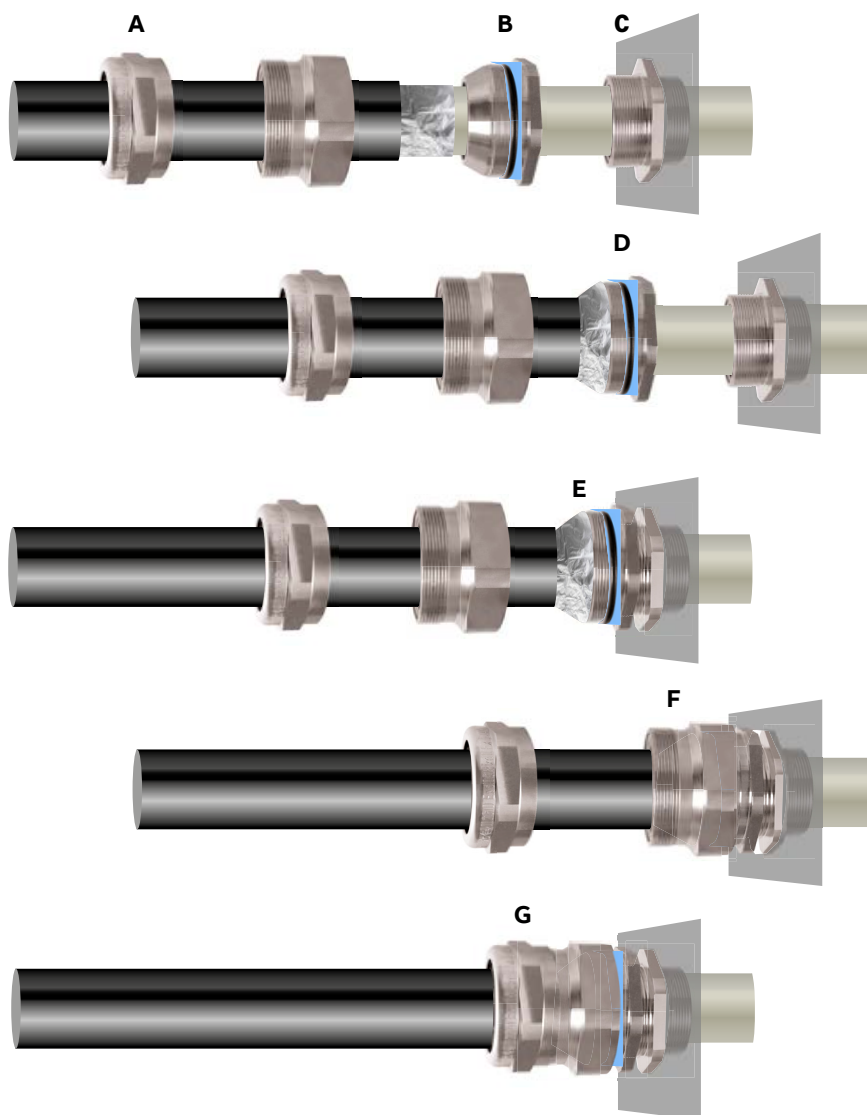
- e. Screw the earthing cone on the body 1

04

- f. Screw the body 2 until covering the O-ring

05

- g. Screw the cap nut into the body 2 and you are done



04

SIB® manufactures a specific range of cable glands adapted to the railway and transportation market. All of our products comply with railway standards and meet specific requirements for railway applications, including EN 45 545 compliance.

RAILWAY CABLE GLANDS

148–157 **Railway cable glands**

158–159 **Accessories**

RAILWAY CABLE GLANDS

Brass cable glands & accessories

RAILWAY CABLE GLANDS (BRASS)



Type	WADI BN Type 1	WADI BN Ring Tong Terminal	WADI BN Type 2	ACM Standard	WADI BN Type 3
Characteristics					
Nickel-plated brass (Stainless steel on request)	●	●	●	●	●
Increased strain relief - Single sealing	●	●	●	–	●
Increased strain relief - Double sealing	–	–	–	●	–
Torsion resistant	–	–	–	●	●
Cable bending protection	–	–	–	●	–
Protection against cable twisting	–	–	–	–	–
EMC upgrade (application possible)	–	–	–	–	●
Adapted to ring tong terminals	–	●	–	–	–
Fire & smoke	–	–	–	–	●
Page	150	151	152	153	154

APPROVALS / STANDARDS



ACCESSORIES



Type	Hexagonal reducers	Locknut	O-ring	ISO Silicon plugs
Characteristics				
Nickel-plated brass	●	●	–	●
Silicone	–	–	●	●
Page	158	158	159	159

RAILWAY

Characteristics for
rail & infrastructure

		
WADI BN Type 3 BIS	WADI BN Type 4	WADI BN Type 6
●	●	●
●	●	–
–	–	●
●	●	●
–	●	●
–	–	●
●	●	–
–	–	–
–	●	●
155	156	157



WADI BN TYPE 1

Brass cable glands

A range of IP68 Metric/PG thread, single sealing brass cable glands with increased strain relief, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief (long sealing)
- O-ring included

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass (stainless steel on request)
- Sealing: Santoprene

Thread:

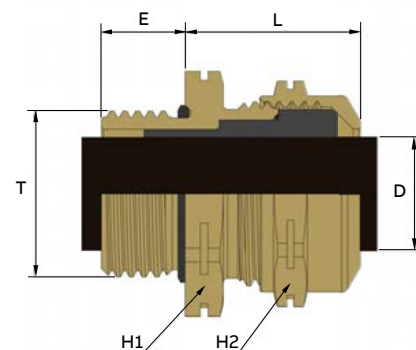
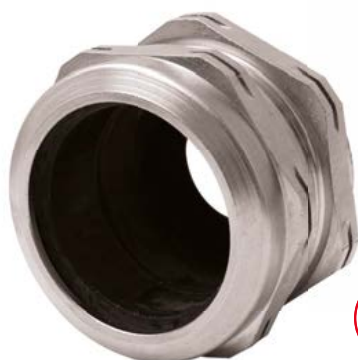
Metric / PG

Certifications:

- IEC 62 444
- EN 45 545: Compliant if plastic content is <10g

Accessories:

See pages 158-159



WADI BN TYPE 1 CABLE GLAND - METRIC / PG

Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		H1	H2	E	L	Pkg. (pcs)
Metric									
16S	C6211169	●	6.7	10.2	20	20	10.0	19.0	50
20S	C6211209	●	9.4	13.4	26	24	10.0	21.0	50
25S	C6211259	●	11.0	15.0	28	26	10.0	22.0	20
25M	C6211258	●	12.4	16.9	28	28	10.0	22.5	20
25L	C6211257	●	15.0	18.0	28	28	10.0	22.5	20
32S	C6211329	●	16.9	21.9	36	36	10.0	25.0	20
40S	C6211409	●	23.8	29.8	46	46	10.0	29.5	20
50S	C6211509	–	32.0	39.0	55	55	10.0	32.5	5
63S	C6211639	–	37.2	45.2	68	68	10.0	36.5	5
PG									
07S	C6201507	●	4.8	7.8	17	17	5.0	17.5	50
09S	C6201523	●	6.7	10.2	20	20	5.5	19.0	50
11S	C6201540	●	9.4	13.4	24	24	6.0	20.0	50
13S	C6201566	●	11.0	15.0	26	26	6.0	21.5	25
16S	C6201604	●	12.4	16.9	28	28	6.5	22.5	25
21S	C6201647	●	16.9	21.9	36	36	7.0	25.0	20
29S	C6201663	●	23.8	29.8	46	46	8.0	29.5	10
36S	C6201680	●	32.0	39.0	55	55	9.0	32.5	10
42S	C6201701	–	37.2	45.2	65	65	10.0	36.5	5
48S	C6201728	–	41.5	50.0	70	70	10.5	38.5	5
48S	C6201739	–	43.0	51.0	70	70	10.5	38.5	5

All dimensions are in millimetres (mm).

Thread (T)	Part no.	E	Pkg. (pcs)
Metric Long			
L16S	C6201169	15.0	50
L20S	C6201209	15.0	50
L25S	C6201259	15.0	20
L25M	C6201258	15.0	20
L25L	C6201257	15.0	20
L32S	C6201329	15.0	20
L40S	C6201409	15.0	20
L50S	C6201509	15.0	10
L63S	C6201639	15.0	5
PG Long			
L07S	C6201508	10.0	50
L09S	C6201524	10.0	50
L11S	C6201542	10.0	50
L13S	C6201567	10.0	50
L16S	C6201605	10.0	50
L21S	C6201648	12.0	20
L29S	C6201664	12.0	20
L36S			
L42S			
L48S			
L48S			

ON REQUEST

WADI BN

Brass ring tong terminal cable glands

A range of IP68 Metric/PG thread, single sealing, brass ring tong terminal cable glands with increased strain relief, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief
- O-ring included
- Ring tong terminals or standard sealing

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass (stainless steel on request)
- Sealing: Santoprene
- O-ring: Nitrile

Certifications:

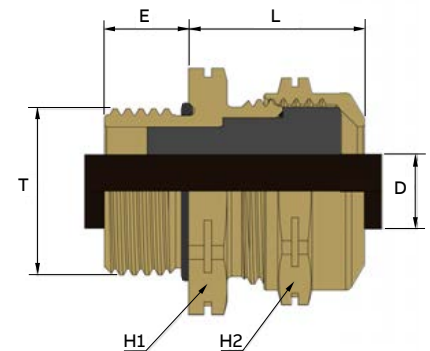
- IEC 62 444
- EN 45 545: Compliant if plastic content is <10g

Accessories:

See pages 158-159

Thread:

Metric / PG



WADI BN CABLE GLAND - METRIC / PG

Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		Ring tong terminal	H1	H2	E	L	Pkg. (pcs)
			Min	Max						
Metric										
16S	C6211161	●	5.0	8.0	10.6	20	20	10.0	24.0	50
20S	C6211201	●	5.0	8.8	12.5	26	24	10.0	26.0	25
20L	C6211202	●	6.5	10.0	13.5	26	24	10.0	26.0	25
25S	C6211251	●	7.5	11.5	16.0	28	26	10.0	27.0	20
25L	C6211252	●	8.0	12.5	17.0	28	28	10.0	27.5	20
32S	C6211321	●	11.0	16.0	21.0	36	36	10.0	30.0	20
40S	C6211401	–	19.0	22.0	27.5	46	46	10.0	34.5	20
50S	C6211501	–	20.0	27.0	34.0	55	55	10.0	37.5	10
63S	C6211631	–	24.0	32.0	43.0	68	68	10.0	41.5	10
PG										
07S	C6201505	●	1.6	4.6	6.5	17	17	5.0	22.5	50
09S	C6201506	●	5.0	8.0	10.6	20	20	5.5	24.5	50
11S	C6201544	●	5.0	8.8	12.5	24	24	6.0	26.0	50
11L	C6201543	●	6.5	10.0	13.5	24	24	6.0	26.0	50
13S	C6201568	●	7.5	11.5	16.0	26	26	6.0	27.5	50
16S	C6201614	●	8.0	12.5	17.0	28	28	6.5	29.0	50
21S	C6201661	●	11.0	16.0	21.0	36	36	7.0	32.0	20
29S	C6201675	–	16.0	22.0	27.5	46	46	8.0	37.5	10
36S	C6201685	–	20.0	27.0	34.0	55	55	9.0	41.5	10
42S	C6201711	–	24.0	32.0	43.0	65	65	10.0	46.5	5

All dimensions are in millimetres (mm).

Thread (T)	Part no.	Overall cable diameter (D)		Ring tong terminal	E	Pkg. (pcs)
		Min	Max			
Metric Long						
L16S	C6201161	5.0	8.0	10.6	15.0	50
L20S	C6201201	5.0	8.8	12.5	15.0	50
L20L	C6201202	6.5	10.0	13.5	15.0	50
L25S	C6201251	7.5	11.5	16.0	15.0	20
L25L	C6201252	8.0	12.5	17.0	15.0	20
L32S	C6201321	11.0	16.0	21.0	15.0	10
L40S	C6201400	14.0	18.0	21.0	15.0	10
L40L	C6201401	19.0	22.0	27.5	15.0	10
L50S	C6201501	20.0	27.0	34.0	15.0	10
L63S	C6201631	24.0	32.0	43.0	15.0	10
L63L	C6201750	29.0	36.5	48.0	15.0	1

WADI BN TYPE 2

Brass cable glands

A range of IP68 PG thread, reduced sealing brass cable glands with increased strain relief, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief
- Large clamping range
- Two-pieces sealing for a larger clamping range
- Offset O-ring

IP Protection:

- IP68

Operating temperature:

-25°C / +120°C

Material:

- Nickel-plated brass (stainless steel on request)
- Sealing: Santoprene / Nitrile
- O-ring: Nitrile

Certifications:

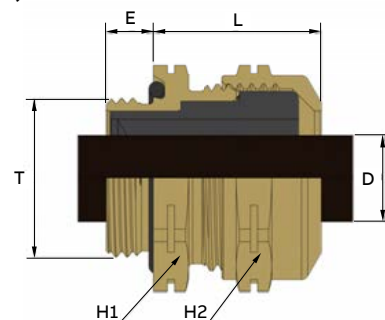
- IEC 62 444
- EN 45 545: Compliant if plastic content is <10g

Accessories:

See pages 158-159

Thread:

PG (Metric on request)



WADI BN TYPE 2 CABLE GLAND - METRIC / PG

Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
PG									
07S	C6201515	●	1.8	7.8	17	17	5.0	17.5	50
09S	C6201531	●	3.2	10.2	20	20	5.5	19.0	50
11S	C6201558	●	5.4	13.4	24	24	6.0	20.0	50
13S	C6201574	●	7.0	15.0	26	26	6.0	21.5	25
16S	C6201612	●	7.9	16.9	28	28	6.5	22.5	25
21S	C6201655	●	11.9	21.9	36	36	7.0	25.0	20
29S	C6201671	–	17.8	29.8	46	46	8.0	29.5	10
36S	C6201698	–	25.0	39.0	55	55	9.0	32.5	10
42S	C6201710	–	29.2	45.2	65	65	10.0	36.5	5
48S	C6201736	–	33.0	50.0	70	70	10.5	38.5	5

All dimensions are in millimetres (mm).



Thread (T)	Part no.	E	Pkg. (pcs)
PG Long			
L07S	C6201516	10.0	50
L09S	C6201532	10.0	50
L11S	C6201559	10.0	50
L13S	C6201575	10.0	25
L16S	C6201613	10.0	25
L21S	C6201658	12.0	20
L29S	C6201674	12.0	10
L36S	C6201699	15.0	10
L42S	C6201714	15.0	5
L48S	C6201737	15.0	5

ACM STANDARD

Brass cable glands

A range of IP68 Metric/PG thread, single sealing brass cable glands for heavy duty cables with increased strain relief, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief through clamping device
- Cap nut for cable bending protection
- Not suitable for flexible cables (silicone type)
- O-ring included

IP Protection:

- IP68

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass
- Sealing: Neoprene
- O-ring: Nitrile
- Flat seal: Neoprene

Certifications:

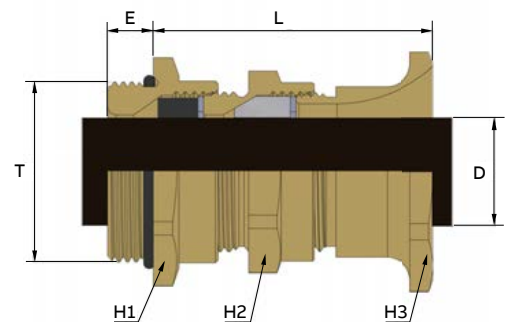
- EN 45 545: Compliant if plastic content is <10g

Accessories:

See pages 158-159

Thread:

Metric / PG



ACM STANDARD CABLE GLAND - METRIC / PG



Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		Ring tong terminal	H1	H2	E	L	Pkg. (pcs)
			Min	Max						
Metric										
32S	E0032000	●	16.0	18.0	36	32	38	8.0	42.0	25
40S	E0040000	–	20.0	23.0	44	41	50	10.0	63.0	10
50S	E0050000	–	23.0	27.0	55	55	55	14.0	59.0	9
50M	E0050100	–	25.5	30.0	55	55	55	14.0	59.0	9
50L	E0050200	–	28.5	32.0	55	55	55	14.0	59.0	9
50XL	E0050300	–	30.0	35.0	60	60	60	14.0	64.0	9
63S	E0063000	–	34.0	38.0	70	65	70	16.0	81.0	1
63M	E0063100	–	38.5	43.5	70	65	70	16.0	81.0	9
63L	E0063200	–	42.0	48.0	70	65	70	16.0	81.0	9
PG										
21S	E0018004	●	13.0	15.5	32	32	38	8.0	42.0	25
21L	E0018005	●	16.0	18.0	32	32	38	8.0	42.0	25
29S	E0024000	–	17.0	20.1	41	41	50	10.0	45.0	16
29L	E0024006	–	20.0	23.0	41	41	50	10.0	45.0	16
36S	E0030007	–	23.0	27.0	55	55	55	14.0	59.0	9
36M	E0030205	–	25.5	30.0	55	55	55	14.0	59.0	9
36L	E0030304	–	28.5	32.0	55	55	55	14.0	59.0	9
42S	E0035002	–	31.0	36.0	60	60	60	16.0	62.0	9
42L	E0035101	–	34.0	38.0	60	60	60	16.0	62.0	5
48S	E0040402	–	34.0	38.0	65	65	70	16.0	81.0	9
48M	E0040105	–	37.0	41.5	65	65	70	16.0	81.0	1
48L	E0040204	–	41.0	48.5	65	65	70	16.0	81.0	9

All dimensions are in millimetres (mm).

WADI BN TYPE 3

Brass cable glands with fire & smoke protection

A range of IP66/68/69K Metric thread, single sealing brass cable glands with fire & smoke protection, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief
- Large clamping range
- O-ring on entry thread
- Anti-twisting ring
- Sulphur free silicone
- Possibility to upgrade with EMC insert on request
- Opened sealing on request

IP Protection:

- IP66 / 68 / 69K

Operating temperature:

-60°C / +250°C

Material:

- Nickel-plated brass (stainless steel on request)
- O-ring / Sealing: Silicone

Certifications:

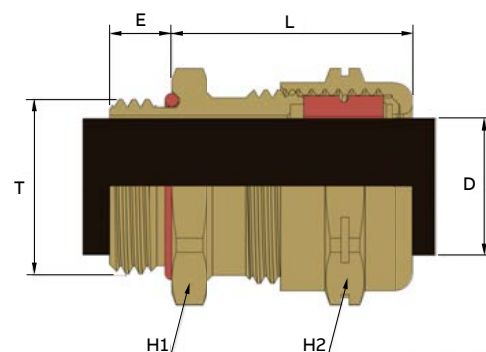
- EN 45 545: R22 & R23: HL3
- NF F 16-101: I2FO
- IEC 62 444

Thread:

Metric (other on request)

Accessories:

See pages 158-159



WADI BN TYPE 3 CABLE GLAND - METRIC

Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
Metric									
12S	C1504712	●	4.0	8.0	17	17	7.0	26.0	25
16S	C1505716	●	7.0	12.0	20	20	7.0	23.0	25
20S	C1505720	●	7.0	12.0	24	20	7.0	23.0	25
20L	C1506720	●	11.0	16.0	24	24	7.0	27.0	25
25S	C1506725	●	11.0	16.0	30	24	8.0	27.0	10
25L	C1507725	●	15.0	20.5	30	30	8.0	28.0	10
32S	C1507733	●	15.0	21.0	36	30	8.5	28.0	10
32L	C1508732	●	19.5	27.0	40	40	8.5	45.0	5
40S	C1509740	●	25.0	33.0	48	48	8.5	51.0	5
50S	C1510750	●	32.5	40.0	55	55	9.5	56.0	5
63S	C1511763	●	38.0	47.5	68	64	10.5	66.0	5
63L	C1512763	●	47.0	53.0	70	70	10.5	68.0	5
72S	C1513772	●	51.0	64.0	85	85	11.5	62.5	5
75S	C1513775	●	51.0	64.0	85	85	11.5	82.0	5
80S	C1514780	●	62.0	71.0	95	95	12.0	92.0	1
90S	C1515790	●	71.0	79.0	110	110	12.0	101.0	1
100S	C1516799	●	78.0	89.0	120	120	12.0	101.0	1

All dimensions are in millimetres (mm).

Thread (T)	Part no.	E	Pkg. (pcs)
Metric Long			
L12S	C1504512	16.0	25
L16S	C1505516	16.0	25
L20S	C1505520	16.0	25
L20L	C1506520	16.0	25
L25S	C1506525	16.0	10
L25L	C1507525	16.0	10
L32S	C1507533	16.0	10
L32L	C1508532	16.0	5
L40S	C1509540	16.0	5
L50S	C1510550	16.0	5
L63S	C1511563	16.0	5
L63L	C1512563	16.0	5
L72S	C1513572	18.0	5
L75S	C1513575	18.0	5
L80S	C1514580	20.0	1
L90S	C1515590	22.0	1
L100S	C1516599	22.0	1

WADI BN TYPE 3 BIS

Brass cable glands

A range of IP66/68/69K Metric thread, single sealing brass cable glands with increased strain relief, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief
- Large clamping range
- O-ring on entry thread
- Anti-twisting ring
- Opened sealing on request
- Possibility to upgrade with EMC insert on request

IP Protection:

- IP66 / 68 / 69K

Operating temperature:

-40°C / +100°C

Material:

- Nickel-plated brass (stainless steel on request)
- O-ring: Nitrile
- Sealing: Neoprene

Certifications:

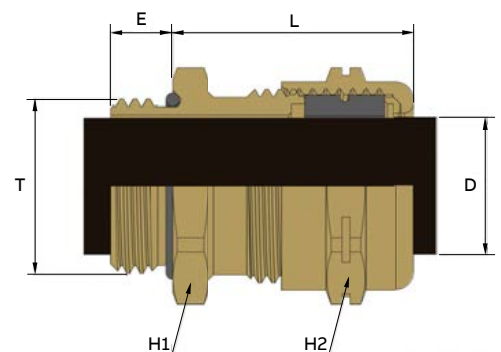
- IEC 62 444
- EN 45 545: Compliant if plastic content is <10g

Accessories:

See pages 158-159

Thread:

Metric (other on request)



WADI BN TYPE 3 BIS CABLE GLAND - METRIC

Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
Metric									
12S	C1504212	●	4.0	8.0	17	17	7.0	26.0	25
16S	C1505216	●	7.0	12.0	20	20	7.0	23.0	25
20S	C1505220	●	7.0	12.0	24	20	7.0	23.0	25
20L	C1506220	●	7.0	16.0	24	24	7.0	27.0	25
25S	C1506225	●	7.0	16.0	30	24	8.0	27.0	10
25L	C1507225	●	13.0	20.5	30	30	8.0	28.0	10
32S	C1507233	●	13.0	21.0	36	30	8.5	28.0	10
32L	C1508232	●	16.0	27.0	40	40	8.5	45.0	5
40S	C1509240	–	21.0	34.0	48	48	8.5	51.0	5
50S	C1510250	–	28.0	41.0	55	55	9.5	56.0	5
63S	C1511263	–	34.0	47.5	68	64	10.5	66.0	5
63L	C1512263	–	39.0	54.0	70	70	10.5	68.0	5
72S	C1513272	–	48.0	65.0	85	85	11.5	82.0	5
75S	C1513275	–	48.0	65.0	85	85	11.5	82.0	5
80S	C1514280	–	55.0	74.0	95	95	12.0	92.0	1
90S	C1515290	–	65.0	83.0	110	110	12.0	101.0	1
100S	C1516299	–	74.0	93.0	120	120	12.0	101.0	1

All dimensions are in millimetres (mm).

Thread (T)	Part no.	E	Pkg. (pcs)
Metric Long			
L12S	C1504312	16.0	25
L16S	C1505316	16.0	25
L20S	C1505320	16.0	25
L20L	C1506320	16.0	25
L25S	C1506325	16.0	10
L25L	C1507325	16.0	10
L32S	C1507333	16.0	10
L32L	C1508332	16.0	5
L40S	C1509340	16.0	5
L50S	C1510350	16.0	5
L63S	C1511363	16.0	5
L63L	C1512363	16.0	5
L72S	C1513372	18.0	5
L75S	C1513375	18.0	5
L80S	C1514380	20.0	1
L90S	C1515390	22.0	1
L100S	C1516399	22.0	1

WADI BN TYPE 4

Brass cable glands with fire & smoke protection

A range of IP66/68/69K Metric thread, single sealing brass cable glands with fire & smoke protection, for use in rail applications.

SPECIAL FEATURES

- Increased strain relief
- Cap nut for cable bending protection
- Large clamping range
- O-ring on entry thread
- Anti-twisting ring
- Sulphur free silicone
- Opened sealing on request
- Possibility to upgrade with EMC insert on request

IP Protection:

- IP66 / 68 / 69K

Operating temperature:

-60°C / +250°C

Material:

- Nickel-plated brass (stainless steel on request)
- O-ring / Sealing: Silicone

Certifications:

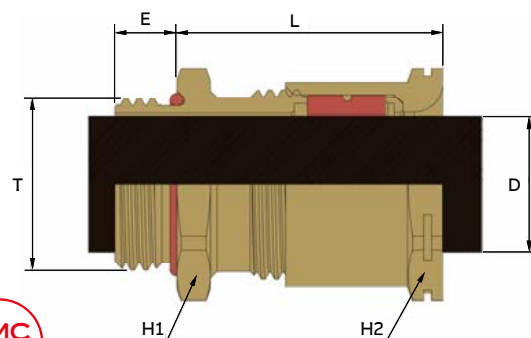
- EN 45 545: R22 & R23: HL3
- NF F 16-101: I2FO
- IEC 62 444

Thread:

Metric (other on request)

Accessories:

See pages 158-159



WADI BN TYPE 4 CABLE GLAND - METRIC

Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		H1	H2	E	L	Pkg. (pcs)
			Min	Max					
Metric									
12S	E1504712	●	4.0	8.0	17	17	7.0	26.0	25
16S	E1505716	●	7.0	12.0	20	20	7.0	23.0	25
20S	E1505720	●	7.0	12.0	24	20	7.0	23.0	25
20L	E1506720	●	11.0	16.0	24	24	7.0	27.0	25
25S	E1506725	●	11.0	16.0	30	24	8.0	27.0	10
25L	E1507725	●	15.0	20.5	30	30	8.0	28.0	10
32S	E1507733	●	15.0	21.0	36	30	8.5	28.0	10
32L	E1508732	●	19.5	27.0	40	40	8.5	45.0	5
40S	E1509740	●	25.0	33.0	48	48	8.5	51.0	5
50S	E1510750	●	32.5	40.0	55	55	9.5	56.0	5
63S	E1511763	●	38.0	47.5	68	64	10.5	66.0	5
63L	E1512763	●	47.0	53.0	70	70	10.5	68.0	5
72S	E1513772	●	51.0	64.0	85	85	11.5	62.5	5
75S	E1513775	●	51.0	64.0	85	85	11.5	82.0	5
80S	E1514780	●	62.0	71.0	95	95	12.0	92.0	1
90S	E1515790	●	71.0	79.0	110	110	12.0	101.0	1
100S	E1516799	●	78.0	89.0	120	120	12.0	101.0	1

All dimensions are in millimetres (mm).



Thread (T)	Part no.	E	Pkg. (pcs)
Metric Long			
L12S	E1504512	16.0	25
L16S	E1505516	16.0	25
L20S	E1505520	16.0	25
L20L	E1506520	16.0	25
L25S	E1506525	16.0	10
L25L	E1507525	16.0	10
L32S	E1507533	16.0	10
L32L	E1508532	16.0	5
L40S	E1509540	16.0	5
L50S	E1510550	16.0	5
L63S	E1511563	16.0	5
L63L	E1512563	16.0	5
L72S	E1513572	18.0	5
L75S	E1513575	18.0	5
L80S	E1514580	20.0	1
L90S	E1515590	22.0	1
L100S	E1516599	22.0	1

WADI BN TYPE 6

Brass cable glands with fire & smoke protection

A range of IP66/68/69K Metric thread, double sealing brass cable glands with fire & smoke protection, for use in rail applications.

SPECIAL FEATURES

- Double compression to allow strong movement of cable, rotation & traction
- Cap nut for cable bending protection
- Large clamping range
- O-ring on entry thread
- Anti-twisting ring
- Sulphur free silicone
- Opened sealing on request

IP Protection:

- IP66 / 68 / 69K

Operating temperature:

-60°C / +250°C

Material:

- Nickel-plated brass (stainless steel on request)
- O-ring / Sealing: Silicone

Certifications:

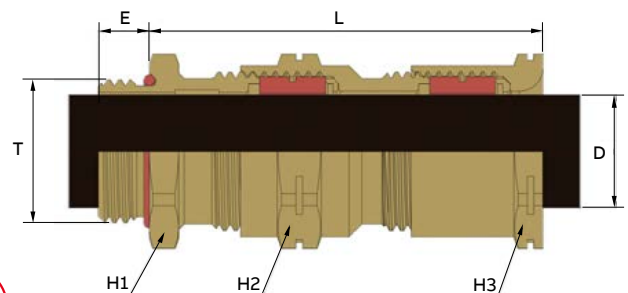
- EN 45 545: R22 & R23: HL3
- NF F 16-101: I2F0
- IEC 62 444

Thread:

Metric (other on request)

Accessories:

See pages 158-159



WADI BN TYPE 6 CABLE GLAND - METRIC



Thread T	Part no.	EN45545 Compliant	Overall cable diameter (D)		H1	H2	H3	E	L	Pkg. (pcs)
			Min	Max						
Metric										
12S	E1704712	●	4.0	8.0	17	17	17	7.0	26.0	25
16S	E1705716	●	7.0	12.0	20	20	20	7.0	23.0	25
20S	E1705720	●	7.0	12.0	24	20	20	7.0	23.0	25
20L	E1706720	●	11.0	16.0	24	24	24	7.0	27.0	25
25S	E1706725	●	11.0	16.0	30	24	24	8.0	27.0	10
25L	E1707725	●	15.0	20.5	30	30	30	8.0	28.0	10
32S	E1707733	●	15.0	21.0	36	30	30	8.5	28.0	10
32L	E1708732	●	19.5	27.0	40	40	40	8.5	45.0	5
40S	E1709740	●	25.0	33.0	48	48	48	8.5	51.0	5
50S	E1710750	●	32.5	40.0	55	55	55	9.5	56.0	5
63S	E1711763	●	38.0	47.5	68	64	64	10.5	66.0	5
63L	E1712763	●	47.0	53.0	70	70	70	10.5	68.0	5
72S	E1713772	●	51.0	64.0	85	85	85	11.5	62.5	5
75S	E1713775	●	51.0	64.0	85	85	85	11.5	82.0	5
80S	E1714780	●	62.0	71.0	95	95	95	12.0	92.0	1
90S	E1715790	●	71.0	79.0	110	110	110	12.0	101.0	1
100S	E1716799	●	78.0	89.0	120	120	120	12.0	101.0	1

All dimensions are in millimetres (mm).

Thread (T)	Part no.	E	Pkg. (pcs)
Metric Long			
L12S	E1704512	16.0	25
L16S	E1705516	16.0	25
L20S	E1705520	16.0	25
L20L	E1706520	16.0	25
L25S	E1706525	16.0	10
L25L	E1707525	16.0	10
L32S	E1707533	16.0	10
L32L	E1708532	16.0	5
L40S	E1709540	16.0	5
L50S	E1710550	16.0	5
L63S	E1711563	16.0	5
L63L	E1712563	16.0	5
L72S	E1713572	18.0	5
L75S	E1713575	18.0	5
L80S	E1714580	20.0	1
L90S	E1715590	22.0	1
L100S	E1716599	22.0	1

ACCESSORIES

for railway cable glands

IP Protection:

- IP68

Material:

- Nickel-plated brass
- Available in stainless steel 316L-1.4404-V4A
- O-ring: Silicone

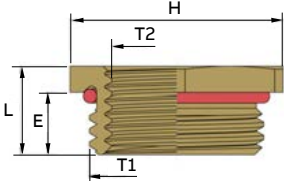
Thread:

Metric / PG
(NPT on request)

BRASS

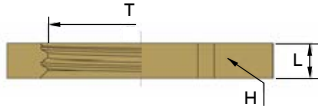


HEXAGONAL REDUCERS - METRIC

	Thread T1	Thread T2	Part no.	H	E	L	Pkg. (pcs)
 	Metric						
	16	12	D6716350	20	7.0	10.0	50
	20	12	D6720350	24	7.0	10.0	50
	20	16	D6720351	24	7.0	10.0	50
	25	16	D6725350	30	8.0	11.5	20
	25	20	D6725351	30	8.0	11.5	20
	32	16	D6732350	36	8.5	12.5	20
	32	20	D6732351	36	8.5	12.5	20
	32	25	D6732352	36	8.5	12.5	20
	40	20	D6740350	42	8.5	12.5	10
	40	25	D6740351	42	8.5	12.5	10
	40	32	D6740352	42	8.5	12.5	10
	50	40	D6750352	55	9.5	14.5	5
	63	40	D6763350	70	10.5	17.5	5
	75	50	D6775352	80	11.5	19.5	5

All dimensions are in millimetres (mm).

LOCKNUTS - METRIC / PG

	Thread T	Part no.	H	E	Pkg. (pcs)
 	Metric				
	12	D4312109	15	3.0	50
	16	D4316107	20	3.0	50
	20	D4320104	24	3.5	50
	25	D4325109	30	3.5	25
	32	D4332107	35	4.5	20
	40	D4340102	45	4.5	10
	50	D4350101	55	5.5	5
	63	D4363101	70	6.0	5
	75	D4375104	80	8.0	5
	80 x 200	D4380100	90	10.0	5
	90 x 200	D4390100	100	12.0	5
	100 x 200	D4399100	110	12.0	5
	PG				
	07	D4007104	15	2.9	50
	09	D4008101	18	2.9	50
	11	D4011101	21	3.1	50
	13	D4013105	23	3.1	50
	16	D4016106	26	3.1	50
	21	D4021100	32	3.6	20
	29	D4029106	41	4.1	20
	36	D4036104	51	5.1	10
	42	D4042105	60	5.1	5
	48	D4049104	64	5.6	5

All dimensions are in millimetres (mm).

Accessories

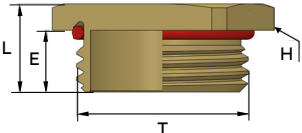
for railway cable glands

O-RINGS - METRIC

	Thread T	Part no.		ØD	Ød
		Nitrile ●	Silicone (Sil) ●		
	Metric				
	12	D9207103	–	11.0	1.5
	12	–	D9212360	9.0	1.5
	16	D9200098	D9216360	13.0	1.5
	20	D9201095	–	15.0	1.5
	25	D9217200	D9220360	17.0	1.5
	32	D9219200	–	19.0	1.5
	40	D9216105	–	20.4	1.8
	50	D9222200	D9225360	22.0	1.8
	63	D9228200	D9232360	28.0	2.0
	75	D9229105	–	34.0	2.0
	80	D9237200	D9240360	37.0	2.0
	80	D9242200	–	42.0	2.0
	90	D9248200	D9250360	48.0	2.0
	100	D9242104	–	48.0	2.5
	100	D9268200	D9275360	68.0	2.6

All dimensions are in millimetres (mm).

PLUGS - METRIC

	Thread T	Part no.	H	E	L	Pkg. (pcs)
	Metric					
	12	D4812350	14	7.0	10.0	50
	16	D4816350	17	7.0	10.0	50
	20	D4820350	23	7.0	10.0	50
	25	D4825350	29	8.0	11.5	25
	32	D4832350	39	8.5	12.5	10
	40	D4840350	45	8.5	12.5	20
	50	D4850350	58	9.5	14.5	5
	63	D4863350	70	10.5	17.5	5
75	D4875350	80	11.5	19.5	5	

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