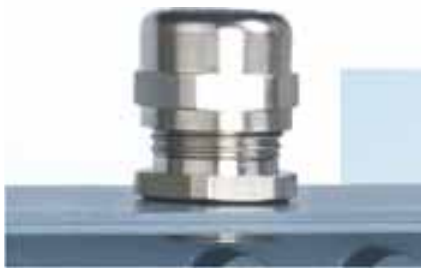


CABLE GLANDS

WITH WIDE CLAMPING RANGE



SIMPLY SOLUTIONS



CABLE GLANDS

WITH WIDE CLAMPING RANGE

Cable Glands is a device to permit the firm and secure termination of cable to provide sealing, retention and earthing, bonding, grounding, insulation, strain relief or combination of all these. They are used throughout a number of industries in conjunction with cable and wiring used in electrical instrumentation and automation systems.

Main usage are machine building, plant construction, conveyor technique, apparatus engineering, power engineering, vehicle construction, railed vehicles, shipbuilding, aero planes, military engineering, electric motors, generators, frequency converters, drive technology, gear units, pumps, ventilators, electric and electronic components, products and devices, junction boxes, industrial enclosures, electric installations and controls, building automation, industrial automation, automation technology, lamps, luminaries, lighting technology.



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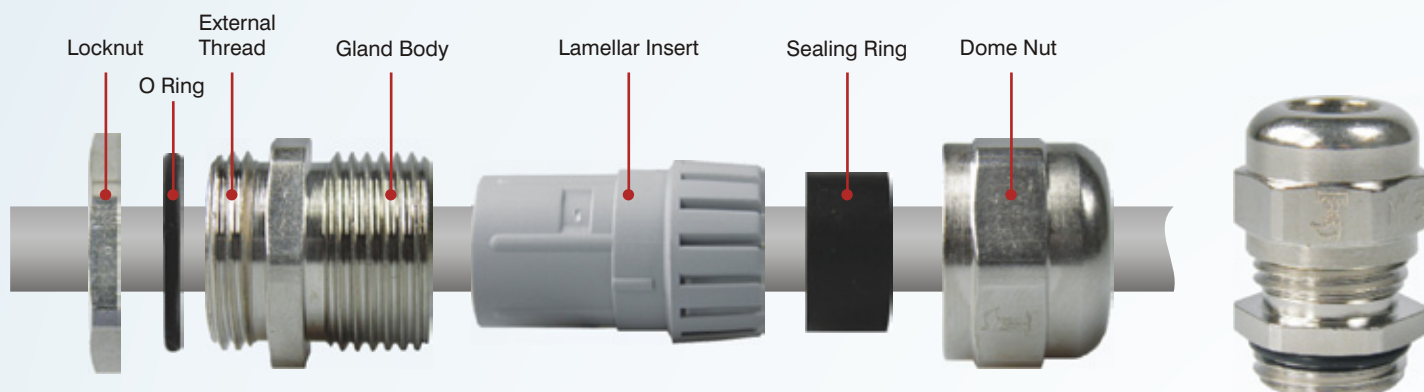
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Cable Glands - Nickel Plated Brass

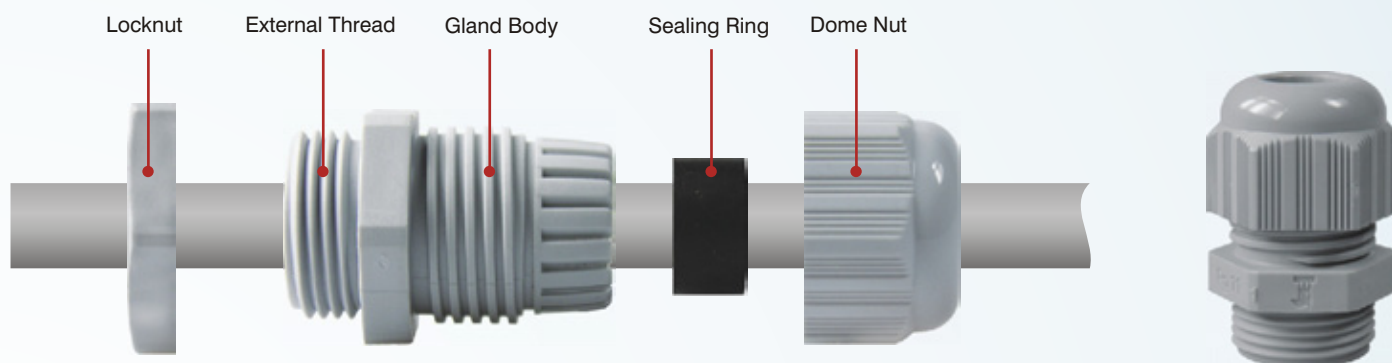


Brass Cable Glands Dimensions

External Thread		Clamping Range	External Thread	Standard Thread		Long Thread		Packet Size
Size		ØC	Nominal Diameter	Entry Thread Length	Height	Entry Thread Length	Height	
Metric	Pg	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Pcs.)
M 12		3 - 6	12.0	5	25	10	30	100
	Pg 7	3 - 6.5	12.5	5	24	15	24	100
	Pg 9	4 - 8	15.2	6	29	15	29	100
M 16		5 - 9	16.0	5	30	10	35	100
	Pg 11	5 - 10	18.6	6	29.5	15	29.5	50
M 20		9 - 13	20.0	6	33.5	10	37.5	50
	Pg 13.5	6 - 12	20.4	6.5	31.5	15	31.5	50
	Pg 16	10 - 14	22.5	6.5	31.5	15	31.5	50
M 25		11 - 16	25.0	7	36.5	11	40.5	50
	Pg 21	13 - 18	28.3	7	34	15	34	50
M 32		14 - 21	32.0	8	38	13	43	25
	Pg 29	18 - 25	37.0	8	39	15	39	25
M 40		19 - 27	40.0	8	41	13	46	10
	Pg 36	24 - 32	47.0	10	44	-	-	10
M 50		24 - 35	50.0	9	49.5	14	54.5	5
	Pg 42	30 - 48	54.0	12	48	-	-	5
	Pg 48	34 - 44	59.3	14	51.5	-	-	5
M 63		32 - 42	63.0	10	52.5	14	56.5	5



Cable Glands - Polyamide



Polyamide Cable Glands Dimensions

External Thread		Clamping Range	External Thread	Entry Thread Length	Height	Packet Size
Size		ØC	Nominal Diameter			
Metric	Pg	(mm)	(mm)	(mm)	(mm)	(Pcs.)
M 12		3 - 6	12.0	8	31	100
	Pg 7	3 - 6.5	12.5	8	31	100
	Pg 9	4 - 8	15.2	8	34	100
M 16		5 - 10	16.0	8	35	100
	Pg 11	5 - 10	18.6	8	37	100
M 20		8 - 13	20.0	8	37	100
	Pg 13.5	6 - 12	20.4	9	39	100
	Pg 16	10 - 14	22.5	10	42	50
M 25		11 - 17	25.0	10	44	50
	Pg 21	13 - 18	28.3	15	50	50
M 32		15 - 21	32.0	15	55	50
	Pg 29	18 - 25	37.0	15	56	25
M 40		19 - 28	40.0	15	58	25
	Pg 36	22 - 32	47.0	15	65	10
M 50		27 - 35	50.0	18	67	10
	Pg 42	30 - 38	54.0	18	70	5
	Pg 48	34 - 44	59.3	18	71	5
M 63		32 - 42	63.0	18	71	5



Available in :

-  RAL 7001
-  RAL 7035
-  RAL 9005

Cable Glands & Accessories - Nickel Plated Brass



Key Features

- Complete range of sizes.
- Wide sealing and clamping range.
- Easy to install.
- Integrated anchorage.
- Metric and Pg thread available.

Application Area

- Wind Energy
- Solar Energy
- Machine Manufacturers
- Panel Manufacturers
- Telecommunication
- Automobiles
- Transportation





Cable Glands & Accessories - Nickel Plated Brass

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Cable Glands - Nickel Plated Brass

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Hexagonal Locknuts

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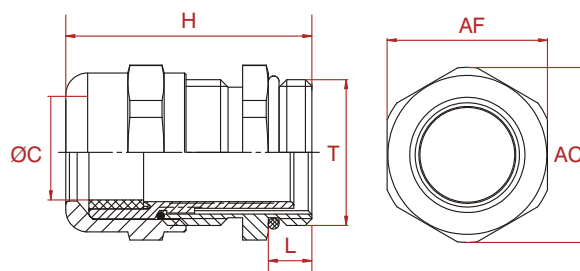
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CABLE GLANDS - METRIC THREAD



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

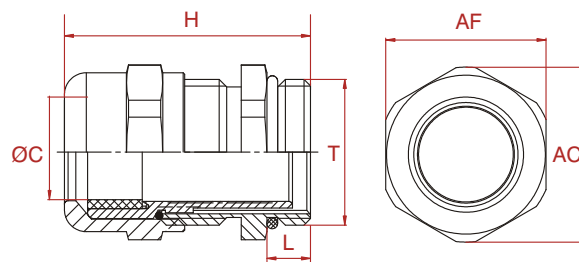
Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	UL 514B
Pitch	1.5 mm
UL File No.	E466603
Approvals	

Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11001	M 12	3 - 6	5	25	100	14	15.5
01 17 11002	M 16	5 - 9	5	30	100	18	20
01 17 11003	M 20	9 - 13	6	33.5	50	22	24
01 17 11004	M 25	11 - 16	7	36.5	50	27	30
01 17 11005	M 32	14 - 21	8	38	25	34	36
01 17 11006	M 40	19 - 27	8	41	10	43	46
01 17 11007	M 50	24 - 35	9	49.5	5	55	60
01 17 11008	M 63	32 - 42	10	52.5	5	65	70

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11009	M 12	3 - 6	10	30	100	14	15.5
01 17 11010	M 16	5 - 9	10	35	100	18	20
01 17 11011	M 20	9 - 13	10	37.5	50	22	24
01 17 11012	M 25	11 - 16	11	40.5	50	27	30
01 17 11013	M 32	14 - 21	13	43	25	34	36
01 17 11014	M 40	19 - 27	13	46	10	43	47.5
01 17 11015	M 50	24 - 35	14	54.5	5	55	60
01 17 11016	M 63	32 - 42	14	56.5	5	65	70

CABLE GLANDS - Pg THREAD



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

Technical Data

Connecting Thread	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	UL 514B
UL File No.	

Approvals



BRASS

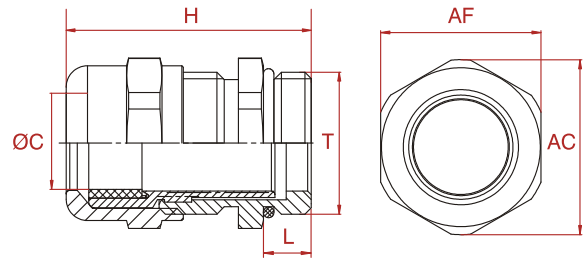
Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11119	Pg 7	3 - 6.5	5	24	100	14	15.5
01 17 11087	Pg 9	4 - 8	6	29	100	17	19
01 17 11088	Pg 11	5 - 10	6	29.5	50	20	22
01 17 11089	Pg 13.5	6 - 12	6.5	31.5	50	22	24.3
01 17 11090	Pg 16	10 - 14	6.5	31.5	50	24	26.5
01 17 11091	Pg 21	13 - 18	7	34	50	30	33.4
01 17 11092	Pg 29	18 - 25	8	39	25	40	43.4
01 17 11093	Pg 36	24 - 32	10	44	10	50	50
01 17 11120	Pg 42	30 - 38	12	48	5	57	57
01 17 11121	Pg 48	34 - 44	14	51.5	5	64	64

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11122	Pg 7	3 - 6.5	15	24	100	14	15.5
01 17 11123	Pg 9	4 - 8	15	29	100	17	19
01 17 11124	Pg 11	5 - 10	15	29.5	50	20	22
01 17 11125	Pg 13.5	6 - 12	15	31.5	50	22	24.3
01 17 11126	Pg 16	10 - 14	15	31.5	50	24	26.5
01 17 11127	Pg 21	13 - 18	15	34	50	30	33.4
01 17 11128	Pg 29	18 - 25	15	39	25	40	43.4

CABLE GLANDS - EMC

(With Electromagnetic Compatibility for Shielded Cables)

BRASS



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

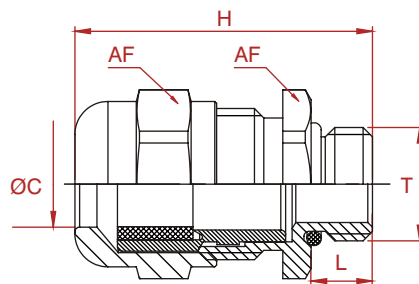
Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	UL 514B
Pitch	1.5 mm
UL File No.	E466603
Approvals	

Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11017	M 12	3 - 6	5	25	100	14	15.5
01 17 11018	M 16	5 - 9	5	30	100	18	20
01 17 11019	M 20	9 - 13	6	33.5	50	22	24
01 17 11020	M 25	11 - 16	7	36.5	50	27	30
01 17 11021	M 32	14 - 21	8	38	25	34	36
01 17 11022	M 40	19 - 27	8	41	10	43	47.5
01 17 11023	M 50	24 - 35	9	49.5	5	55	60
01 17 11024	M 63	32 - 42	10	52.5	5	65	70

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11025	M 12	3 - 6	10	30	100	14	15.5
01 17 11026	M 16	5 - 9	10	35	100	18	20
01 17 11027	M 20	9 - 13	10	37.5	50	22	24
01 17 11028	M 25	11 - 16	11	40.5	50	27	30
01 17 11029	M 32	14 - 21	13	43	25	34	36
01 17 11030	M 40	19 - 27	13	46	10	43	47.5
01 17 11031	M 50	24 - 35	14	54.5	5	55	60
01 17 11032	M 63	32 - 42	14	56.5	5	65	70

CABLE GLANDS - COMBINATION TYPE



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

Technical Data

Connecting Thread	Pg to Metric & Metric to Metric
Protection Grade	IP 68
Test Standard	UL 514B
UL File No.	E466603

Approvals



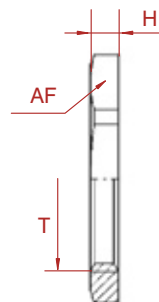
BRASS

Cable Glands - Combination Type						Hexagonal Dimensions
Article No.	External Thread / Entry Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flat
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 17 11117 *	Pg 11 / M 16	5 - 10	6	29	100	20
01 17 11110	M 12 / M 16	5 - 8	6.5	31.5	100	18
01 17 11111	M 16 / M 20	9 - 12	5	32.5	50	22
01 17 11112	M 20 / M 25	11 - 16	6	35.5	50	27
01 17 11113	M 25 / M 32	14 - 21	7	37	25	34
01 17 11114	M 32 / M 40	19 - 27	8	41	10	43

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - NORMAL (METRIC & Pg)

BRASS



Properties

Dome Nut
Temperature Range
Thread

Nickel Plated Brass
Up to 100°C
Metric and Pg

Hexagonal Locknuts - Metric Thread

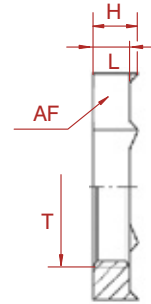
Article No.	External Thread	Across Flats	Height	Packet Size
	T	AF (mm)	H (mm)	(Pcs.)
01 17 11094	M 12	15	2.8	100
01 17 11095	M 16	19	2.8	100
01 17 11096	M 20	24	3	50
01 17 11097	M 25	30	3.5	50
01 17 11098	M 32	36	4	25
01 17 11099	M 40	46	5	10
01 17 11100	M 50	60	5	5
01 17 11101	M 63	70	6	5

Hexagonal Locknuts - Pg Thread

Article No.	External Thread	Across Flats	Height	Packet Size
	T	AF (mm)	H (mm)	(Pcs.)
01 09 00467	Pg 7	15	2.8	100
01 17 11102	Pg 9	18	2.8	100
01 17 11103	Pg 11	21	3	50
01 17 11104	Pg 13.5	23	3	50
01 17 11105	Pg 16	26	3	50
01 17 11106	Pg 21	32	3.5	50
01 17 11107	Pg 29	41	4	25
01 17 11108	Pg 36	51	5	10
01 09 01049	Pg 42	65	5	5
01 09 00475	Pg 48	69	5.5	5

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - EMC (METRIC)



Properties

Dome Nut
Temperature Range
Thread

Nickel Plated Brass
Up to 100°C
Metric

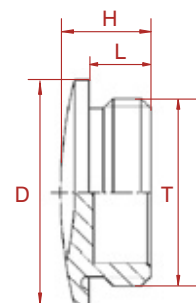
BRASS

Hexagonal Locknuts - Metric Thread

Article No.	External Thread	Thread Length	Across Flats	Height	Packet Size
	T	L (mm)	AF (mm)	H (mm)	(Pcs.)
01 09 00534	M 12	4.5	15	5.5	100
01 09 01050	M 16	4.5	19	5.5	100
01 09 00553	M 20	4.5	24	5.5	50
01 09 00554	M 25	4.5	30	5.5	50
01 09 00555	M 32	4.5	36	5.5	25
01 09 00556	M 40	5	46	6	10
01 09 00904	M 50	5	60	6	5
01 09 00035	M 63	6	70	7	5

SCREW PLUG

BRASS



Properties

Screw Plug	Nickel Plated Brass
Protection Grade	IP 54
Temperature Range	up to +200°C

Technical Data

Available with O Ring for increased protection grade.

For secure sealing of unused threaded or clearance holes.

Screw Plug - Metric Thread

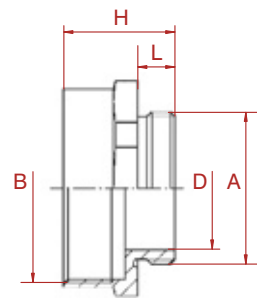
Article No.	External Thread	Entry Thread Length	Height	Diameter	Packet Size
	T	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 00036	M 12	5	8	16	100
01 09 00037	M 16	6	9	20	100
01 09 00038	M 20	6.5	9.5	24	100
01 09 00039	M 25	7	11	28	100
01 09 01081	M 32	8	12	35	50
01 09 00110	M 40	8	12	45	50
01 09 00111	M 50	9	15	55	25
01 09 00040	M 63	10	16	68	25

Screw Plug - Pg Thread

Article No.	External Thread	Entry Thread Length	Height	Diameter	Packet Size
	T	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01082	Pg 7	5	8	14	100
01 09 00995	Pg 9	6	9	17	100
01 09 00931	Pg 11	6	9	20	100
01 09 00932	Pg 13.5	6.5	9.5	22	100
01 09 00116	Pg 16	6.5	9.5	24	100
01 09 00117	Pg 21	7	11	30	100
01 09 00934	Pg 29	8	12	39	50
01 09 01084	Pg 36	9	15	50	50
01 09 01085	Pg 42	10	16	57	25
01 09 01086	Pg 48	10	16	64	25

ACCESSORIES

ENLARGER



Properties

Enlarger
Temperature Range
Nickel Plated Brass
Up to +200°C

Technical Data

Enlarger of threaded or clearance holes to larger thread sizes.

BRASS

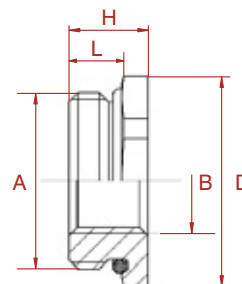
Enlarger - Metric Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	
01 09 00292	M 12/16	M 12	M 16	5	16	8	100
01 09 00144	M 16/20	M 16	M 20	5	16.5	12	100
01 09 00145	M 20/25	M 20	M 25	6	18.5	15	100
01 09 00146	M 25/32	M 25	M 32	7	20.5	21	100
01 09 00147	M 32/40	M 32	M 40	8	23.5	36	50
01 09 00148	M 40/50	M 40	M 50	8	30	34	50
01 09 00149	M 50/63	M 50	M 63	9	32.5	44	25

Enlarger - Pg Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	
01 09 00150	Pg 7 / 9	Pg 7	Pg 9	5	15	10	100
01 09 01098	Pg 9 / 11	Pg 9	Pg 11	6	16.5	12	100
01 09 00151	Pg 9 / 13	Pg 9	Pg 13.5	6	17.5	12	100
01 09 01146	Pg 11/13	Pg 11	Pg 13.5	6	17.5	15	100
01 09 01147	Pg 11/16	Pg 11	Pg 16	6.5	19	15	100
01 09 00152	Pg 11/21	Pg 11	Pg 21	6.5	21	15	100
01 09 00153	Pg 13/16	Pg 13.5	Pg 16	6.5	19	17	100
01 09 00154	Pg 13/21	Pg 13.5	Pg 21	6.5	21	17	100
01 09 00053	Pg 16/21	Pg 16	Pg 21	6.5	21	18.5	100
01 09 00155	Pg 16/29	Pg 16	Pg 29	6.5	22.5	18.5	50
01 09 00054	Pg 21/29	Pg 21	Pg 29	7	23	24	50
01 09 00156	Pg 29/36	Pg 29	Pg 36	8	27.5	32	50
01 09 00157	Pg 36/42	Pg 36	Pg 42	9	31	42	25
01 09 00293	Pg 42/48	Pg 42	Pg 48	10	33	48	25

REDUCER



Properties

Dome Nut
Temperature Range
Nickel Plated Brass
up to +200°C

Technical Data

Reduction of threaded or clearance holes to smaller thread sizes.

Reducer - Metric Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 00122	M 16/12	M 16	M 12	6	8.5	20	100
01 09 00123	M 20/12	M 20	M 12	6.5	9	24	100
01 09 00124	M 20/16	M 20	M 16	6.5	9	24	100
01 09 00125	M 25/16	M 25	M 16	7	10	30	100
01 09 00126	M 25/20	M 25	M 20	7	10	30	100
01 09 01137	M 32/20	M 32	M 20	8	11.5	39	100
01 09 00128	M 32/25	M 32	M 25	8	11.5	39	100
01 09 00129	M 40/25	M 40	M 25	9	12.5	50	50
01 09 00130	M 40/32	M 40	M 32	9	12.5	50	50
01 09 00131	M 50/32	M 50	M 32	10	14	57	25
01 09 00132	M 50/40	M 50	M 40	10	14	57	25
01 09 00133	M 63/40	M 63	M 40	10	14	70	10
01 09 00291	M 63/50	M 63	M 50	10	14	70	10

Reducer - Pg Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01004	Pg 9 / 7	Pg 9	Pg 7	6	8.5	17	100
01 09 01005	Pg 11 / 7	Pg 11	Pg 7	6	8.5	20	100
01 09 01006	Pg 11 / 9	Pg 11	Pg 9	6	8.5	20	100
01 09 01007	Pg 13 / 9	Pg 13.5	Pg 9	6.5	9	22	100
01 09 00996	Pg 13 / 11	Pg 13.5	Pg 11	6.5	9	22	100
01 09 00135	Pg 16 / 9	Pg 16	Pg 9	6.5	9.5	24	100
01 09 00136	Pg 16 / 11	Pg 16	Pg 11	6.5	9.5	24	100
01 09 01008	Pg 16 / 13	Pg 16	Pg 13.5	6.5	9.5	24	100
01 09 01010	Pg 21 / 11	Pg 21	Pg 11	7	10	30	100
01 09 01009	Pg 21 / 13	Pg 21	Pg 13.5	7	10	30	100
01 09 00999	Pg 21 / 16	Pg 21	Pg 16	7	10	30	100
01 09 00137	Pg 29 / 16	Pg 29	Pg 16	8	11.5	39	50
01 09 00998	Pg 29 / 21	Pg 29	Pg 21	8	11.5	39	50
01 09 00139	Pg 36 / 21	Pg 36	Pg 21	9	12.5	50	50
01 09 00140	Pg 36 / 29	Pg 36	Pg 29	9	12.5	50	50
01 09 00141	Pg 42 / 36	Pg 42	Pg 36	10	14	57	25
01 09 00142	Pg 48 / 36	Pg 48	Pg 36	10	14	64	25

NOTES

BRASS

Cable Glands & Accessories - Polyamide



Key Features

- Complete range of sizes.
- Wide sealing and clamping range.
- Easy to install.
- Integrated anchorage.
- Metric and Pg thread available.
- Silver Grey, Light Grey and Black color.

Application Area

- Wind Energy
- Solar Energy
- Machine Manufacturers
- Panel Manufacturers
- Telecommunication
- Automobiles
- Transportation





Cable Glands & Accessories - Polyamide

18-25

Cable Glands - Polyamide

18-21

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Hexagonal Locknuts

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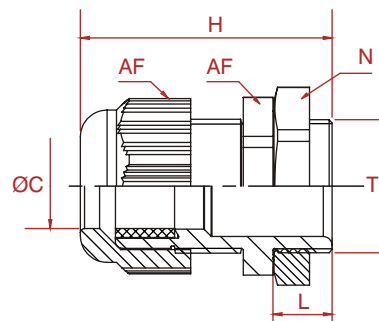
Accessories

23-25

Screw Plug	23
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CABLE GLANDS - POLYAMIDE

CABLE GLANDS - SILVER GREY COLOR (RAL 7001)



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



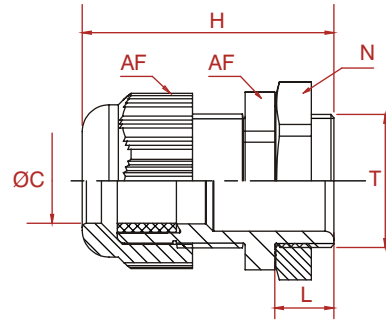
POLYAMIDE

Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11033	M 12	3 - 6	8	31	100	15	17
01 17 11034	M 16	5 - 10	8	35	100	20	22
01 17 11035	M 20	8 - 13	8	37	100	24	27
01 17 11036	M 25	11 - 17	10	44	50	29	32
01 17 11037	M 32	15 - 21	15	55	25	36	41
01 17 11038	M 40	19 - 28	15	58	20	46	50
01 17 11039	M 50	27 - 35	18	67	10	55	60
01 17 11040	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11057	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11058	Pg 9	4 - 8	8	34	100	19	22
01 17 11059	Pg 11	5 - 10	8	37	100	22	24
01 17 11060	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11061	Pg 16	10 - 14	10	42	50	27	30
01 17 11062	Pg 21	13 - 18	15	50	50	33	36
01 17 11063	Pg 29	18 - 25	15	56	25	42	46
01 17 11064	Pg 36	22 - 32	15	65	10	53	60
01 17 11065	Pg 42	30 - 38	18	70	5	60	65
01 17 11066	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - LIGHT GREY COLOR (RAL 7035)



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	Pg as per DIN 40430
Test Standard	IP 68
UL File No.	IEC / EN 50262
Approvals	



POLYAMIDE

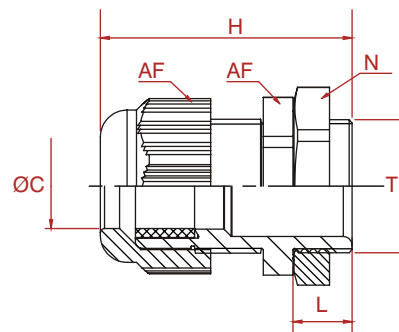
Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11041	M 12	3 - 6	8	31	100	15	17
01 17 11042	M 16	5 - 10	8	35	100	20	22
01 17 11043	M 20	8 - 13	8	37	100	24	27
01 17 11044	M 25	11 - 17	10	44	50	29	32
01 17 11045	M 32	15 - 21	15	55	25	36	41
01 17 11046	M 40	19 - 28	15	58	20	46	50
01 17 11047	M 50	27 - 35	18	67	10	55	60
01 17 11048	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11067	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11068	Pg 9	4 - 8	8	34	100	19	22
01 17 11069	Pg 11	5 - 10	8	37	100	22	24
01 17 11070	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11071	Pg 16	10 - 14	10	42	50	27	30
01 17 11072	Pg 21	13 - 18	15	50	50	33	36
01 17 11073	Pg 29	18 - 25	15	56	25	42	46
01 17 11074	Pg 36	22 - 32	15	65	10	53	60
01 17 11075	Pg 42	30 - 38	18	70	5	60	65
01 17 11076	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - BLACK COLOR (RAL 9005)

Available with Lock Nuts



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



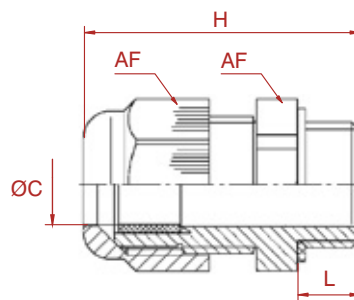
POLYAMIDE

Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11049	M 12	3 - 6	8	31	100	15	17
01 17 11050	M 16	5 - 10	8	35	100	20	22
01 17 11051	M 20	8 - 13	8	37	100	24	27
01 17 11052	M 25	11 - 17	10	44	50	29	32
01 17 11053	M 32	15 - 21	15	55	25	36	41
01 17 11054	M 40	19 - 28	15	58	20	46	50
01 17 11055	M 50	27 - 35	18	67	10	55	60
01 17 11056	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11077	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11078	Pg 9	4 - 8	8	34	100	19	22
01 17 11079	Pg 11	5 - 10	8	37	100	22	24
01 17 11080	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11081	Pg 16	10 - 14	10	42	50	27	30
01 17 11082	Pg 21	13 - 18	15	50	50	33	36
01 17 11083	Pg 29	18 - 25	15	56	25	42	46
01 17 11084	Pg 36	22 - 32	15	65	10	53	60
01 17 11085	Pg 42	30 - 38	18	70	5	60	65
01 17 11086	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - COMBINATION TYPE



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	

Approvals

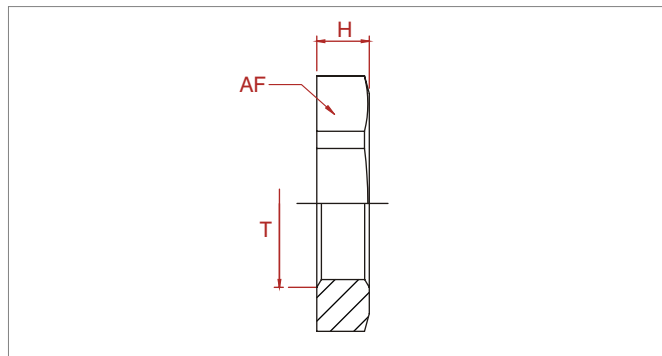


POLYAMIDE

Cable Glands - Combination Type							Hexagonal Dimensions
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Silver Grey Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 00495	Pg 11 / M 16	PA 7001	5 - 10	15	44	100	22
01 09 00496	Pg 13 / M 20	PA 7001	6 - 12	11	41.5	100	24
01 09 00492	Pg 16 / M 20	PA 7001	10 - 14	15	47.5	50	27
01 09 00497	Pg 21 / M 25	PA 7001	13 - 18	15	52	50	33
01 09 00458	Pg 29 / M 32	PA 7001	18 - 25	15	57	25	42
01 09 00460	Pg 42 / M 50	PA 7001	30 - 38	18	73.5	5	60
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Light Grey Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01203	Pg 11 / M 16	PA 7035	5 - 10	15	44	100	22
01 09 01204	Pg 13 / M 20	PA 7035	6 - 12	11	41.5	100	24
01 09 01205	Pg 16 / M 20	PA 7035	10 - 14	15	47.5	50	27
01 09 01206	Pg 21 / M 25	PA 7035	13 - 18	15	52	50	33
01 09 01207	Pg 29 / M 32	PA 7035	18 - 25	15	57	25	42
01 09 01208	Pg 42 / M 50	PA 7035	30 - 38	18	73.5	5	60
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Black Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 00542	Pg 11 / M 16	PA 9005	5 - 10	15	44	100	22
01 09 00450	Pg 13 / M 20	PA 9005	6 - 12	11	41.5	100	24
01 09 00485	Pg 16 / M 20	PA 9005	10 - 14	15	47.5	50	27
01 09 00541	Pg 21 / M 25	PA 9005	13 - 18	15	52	50	33
01 09 00486	Pg 29 / M 32	PA 9005	18 - 25	15	57	25	42
01 09 00487	Pg 42 / M 50	PA 9005	30 - 38	18	73.5	5	60

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - NORMAL (METRIC & Pg)



Properties

Dome Nut	Polyamide PA6-V2
Temperature Range	-20°C / +100°C
Thread	Metric and Pg
Color	RAL 7001, RAL 7035, RAL 9005

POLYAMIDE

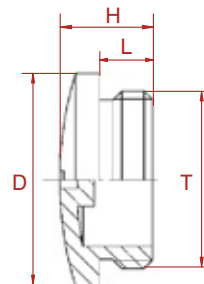
Hexagonal Locknut - Metric Thread

Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Packet Size
						(Pcs.)
01 17 04373	M 12 PA 7001	01 17 04391	M 12 PA 7035	01 17 04359	M 12 PA 9005	100
01 17 04374	M 16 PA 7001	01 17 04392	M 16 PA 7035	01 17 04017	M 16 PA 9005	100
01 17 04375	M 20 PA 7001	01 17 04393	M 20 PA 7035	01 17 04018	M 20 PA 9005	100
01 17 04376	M 25 PA 7001	01 17 04394	M 25 PA 7035	01 17 04021	M 25 PA 9005	100
01 17 04377	M 32 PA 7001	01 17 04395	M 32 PA 7035	01 17 04022	M 32 PA 9005	100
01 17 04378	M 40 PA 7001	01 17 04396	M 40 PA 7035	01 17 04360	M 40 PA 9005	50
01 17 04379	M 50 PA 7001	01 17 04397	M 50 PA 7035	01 17 04361	M 50 PA 9005	50
01 17 04380	M 63 PA 7001	01 17 04398	M 63 PA 7035	01 17 04362	M 63 PA 9005	50

Hexagonal Locknut - Pg Thread

Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Packet Size
						(Pcs.)
01 17 04363	Pg 7 PA 7001	01 17 04381	Pg 7 PA 7035	01 17 04353	Pg 7 PA 9005	100
01 17 04364	Pg 9 PA 7001	01 17 04382	Pg 9 PA 7035	01 17 04015	Pg 9 PA 9005	100
01 17 04365	Pg 11 PA 7001	01 17 04383	Pg 11 PA 7035	01 17 04016	Pg 11 PA 9005	100
01 17 04366	Pg 13.5 PA 7001	01 17 04384	Pg 13.5 PA 7035	01 17 04019	Pg 13.5 PA 9005	100
01 17 04367	Pg 16 PA 7001	01 17 04385	Pg 16 PA 7035	01 17 04020	Pg 16 PA 9005	100
01 17 04368	Pg 21 PA 7001	01 17 04386	Pg 21 PA 7035	01 17 04354	Pg 21 PA 9005	100
01 17 04369	Pg 29 PA 7001	01 17 04387	Pg 29 PA 7035	01 17 04355	Pg 29 PA 9005	100
01 17 04370	Pg 36 PA 7001	01 17 04388	Pg 36 PA 7035	01 17 04356	Pg 36 PA 9005	50
01 17 04371	Pg 42 PA 7001	01 17 04389	Pg 42 PA 7035	01 17 04357	Pg 42 PA 9005	50
01 17 04372	Pg 48 PA 7001	01 17 04390	Pg 48 PA 7035	01 17 04358	Pg 48 PA 9005	50

SCREW PLUG



Properties

Material	Polyamide PA6 GF 30
Temperature Range	-30°C / +80°C
Protection Grade	IP 54
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

For secure sealing of unused threaded or clearance holes.

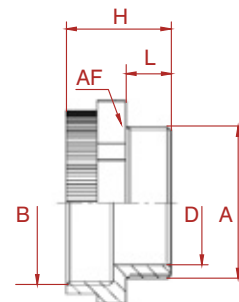
Screw Plug - Metric Thread

Screw Plug - Metric Thread									
Article No.	External Thread Silver Grey Color		Article No.	External Thread Light Grey Color		Thread Length	Height	Diameter	Packet Size
	T			T		L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01011	M 12	PA 7001	01 09 00271	M 12	PA 7035	6	10	15	100
01 09 01012	M 16	PA 7001	01 09 00272	M 16	PA 7035	6	10.5	20	100
01 09 00269	M 20	PA 7001	01 09 00273	M 20	PA 7035	6	10.5	24	100
01 09 00270	M 25	PA 7001	01 09 00274	M 25	PA 7035	8	13	30	100
01 09 01013	M 32	PA 7001	01 09 00275	M 32	PA 7035	8	13.5	37	50
01 09 00264	M 40	PA 7001	01 09 00043	M 40	PA 7035	8	14	46	50
01 09 00265	M 50	PA 7001	01 09 00044	M 50	PA 7035	10	16.5	56	25
01 09 00143	M 63	PA 7001	01 09 00279	M 63	PA 7035	12	17	70	25

Screw Plug - Pg Thread

Screw Plug - Pg Thread									
Article No.	External Thread Silver Grey Color		Article No.	External Thread Light Grey Color		Thread Length	Height	Diameter	Packet Size
	T			T		L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01037	Pg 7	PA 7001	01 09 00112	Pg 7	PA 7035	6	10	15	100
01 09 01131	Pg 9	PA 7001	01 09 00630	Pg 9	PA 7035	6	10	19	100
01 09 01310	Pg 11	PA 7001	01 09 01001	Pg 11	PA 7035	6	10	22	100
01 09 01132	Pg 13	PA 7001	01 09 01003	Pg 13	PA 7035	6	10	25	100
01 09 01133	Pg 16	PA 7001	01 09 01002	Pg 16	PA 7035	6	10	27	100
01 09 01145	Pg 21	PA 7001	01 09 00276	Pg 21	PA 7035	8	12.5	33	100
01 17 04305	Pg 29	PA 7001	01 09 00277	Pg 29	PA 7035	8	13	44.5	50
01 17 04306	Pg 36	PA 7001	01 09 00278	Pg 36	PA 7035	10	15	55.5	50
01 09 01365	Pg 42	PA 7001	01 09 00042	Pg 42	PA 7035	10	15.5	62.5	25
01 09 01366	Pg 48	PA 7001	01 09 00280	Pg 48	PA 7035	12	17	69.5	25

ENLARGER



Properties

Material	Polyamide PA6
Temperature Range	-20°C / +100°C
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

Enlarger of threaded or clearance holes to larger threaded sizes.

POLYAMIDE

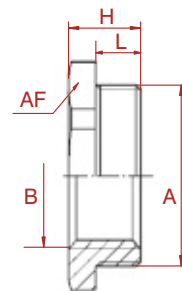
Enlarger - Metric Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Diameter	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	D (mm)	(Pcs.)	AF (mm)
01 09 00287	M 12	M 16	8	20.5	7	100	20
01 09 00288	M 16	M 20	8	20.5	11	100	24
01 09 00119	M 20	M 25	8	21	15	100	30
01 09 00289	M 25	M 32	8	23	19	100	37
01 09 00290	M 32	M 40	10	25	26	50	45

Enlarger - Pg Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Diameter	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	D (mm)	(Pcs.)	AF (mm)
01 09 01363	Pg 7	Pg 9	8	21	8.5	100	19
01 09 01172	Pg 9	Pg 11	8	23	10	100	22
01 09 01125	Pg 11	Pg 13.5	8	23	13.5	100	24
01 09 01147	Pg 11	Pg 16	8	24.5	12.5	100	27
01 09 00370	Pg 13.5	Pg 16	9	26	15	100	27
01 09 01218	Pg 16	Pg 21	9	29	16	100	32
01 09 01347	Pg 21	Pg 29	10	32	22.5	50	42
01 09 01348	Pg 29	Pg 36	11	35.5	30.5	50	53
01 09 01349	Pg 36	Pg 42	13	40.5	39.5	25	60
01 09 00374	Pg 42	Pg 48	13	41	45.5	25	65

REDUCER



Properties

Material	Polyamide PA6
Temperature Range	-30°C / +80°C
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

Reduction of threaded or clearance holes to smaller thread sizes.

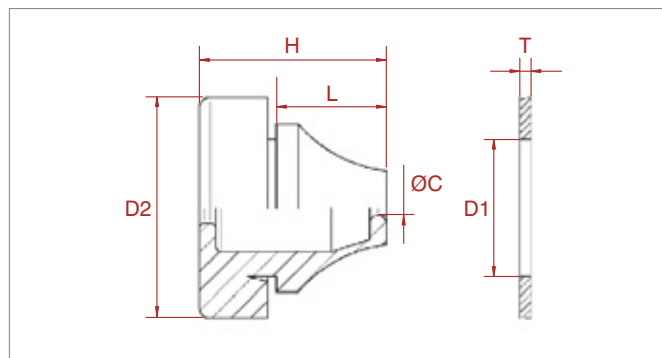
Reducer - Metric Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01364	M 16	M 12	8	12	100	24
01 09 01312	M 20	M 12	8	12	100	24
01 09 01090	M 20	M 16	8	12	100	24
01 09 01139	M 25	M 16	8	14	100	29
01 09 00311	M 25	M 20	8	14	100	29
01 09 01094	M 32	M 20	10	16	100	36
01 09 01287	M 32	M 25	10	16	100	36
01 09 01096	M 40	M 25	10	16	50	46
01 09 01328	M 40	M 32	10	16	50	55
01 09 01330	M 50	M 40	12	18	25	55

Reducer - Pg Thread

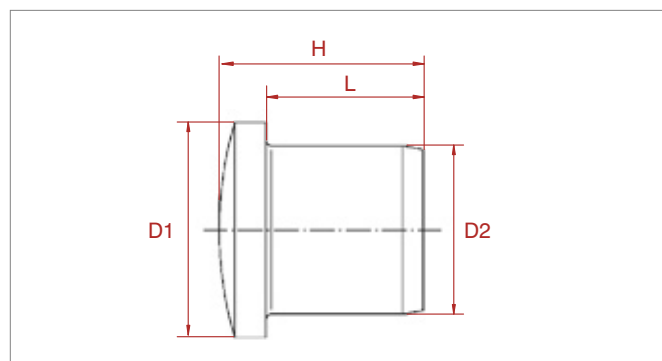
Article No.	Entry Thread	External Thread	Thread Length	Height	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01035	Pg 9	Pg 7	8	20.5	100	19
01 09 01224	Pg 11	Pg 7	8	14	100	22
01 09 01036	Pg 11	Pg 9	8	22.5	100	22
01 09 00323	Pg 13.5	Pg 9	9	15	100	24
01 09 01304	Pg 13.5	Pg 11	9	24	100	24
01 09 00325	Pg 16	Pg 9	10	16	100	27
01 09 00326	Pg 16	Pg 11	10	16	100	27
01 09 00327	Pg 16	Pg 13.5	10	27	100	27
01 09 01128	Pg 21	Pg 11	11	16	100	32
01 09 00328	Pg 21	Pg 13.5	11	16	100	32
01 09 00329	Pg 21	Pg 16	11	16	100	32
01 09 00137	Pg 29	Pg 16	11	17	50	40
01 09 01319	Pg 29	Pg 21	11	17	50	40
01 09 01350	Pg 36	Pg 21	13	19	50	50
01 09 00332	Pg 36	Pg 29	18	24	50	50
01 09 01351	Pg 42	Pg 36	18	24	25	55
01 09 01352	Pg 48	Pg 36	14	20	25	60

SEALING GROMMET



Sealing Grommet									
Grey		Black		Diameter		Wall Thickness	Clamping Range	Length	Height
Article No.	Size	Article No.	Size	D1 (mm)	D2 (mm)	T (mm)	ØC (mm)	L (mm)	H (mm)
01 09 01353	M 16	01 09 01358	M 16	16.5	21	1 - 4	5 - 9	11	17.7
01 09 01354	M 20	01 09 01362	M 20	20.5	25.5	1 - 4	8 - 12	13.4	20
01 09 01355	M 25	01 09 01359	M 25	25.5	30.5	1 - 4	11 - 16	15.3	21.3
01 09 01356	M 32	01 09 01360	M 32	32.5	38.5	1 - 4	15 - 20	16.6	24.6
01 09 01357	M 40	01 09 01361	M 40	40.5	48.5	1 - 4	19 - 28	21.7	29.5

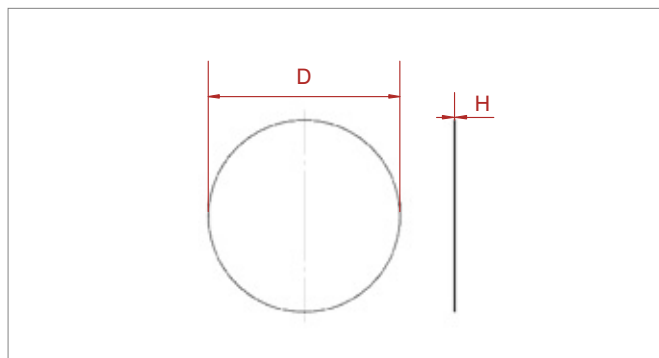
BLANKING PLUG



Blanking Plug					
Article No.	Size	Diameter	Diameter	Length	Height
		D1 (mm)	D2 (mm)	L (mm)	H (mm)
01 09 01153	M 12	10	5.5	9	12.5
01 09 01150	M 16	13.5	9.5	12	16
01 09 01151	M 20	16.5	12	12	16.5
01 09 01152	M 25	20.5	16	15	19.5
01 09 01154	M 32	24.5	20	17	21.5
01 09 00662	M 40	32	27	20	24
01 09 01156	M 50	39	35	25	29
01 09 01157	M 63	52	42	25	29

UNIVERSAL ACCESSORIES

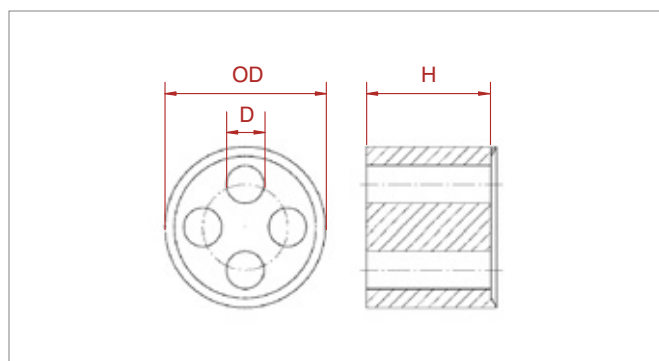
DUST CAP



Dust Cap

Article No.	Size	Height	Diameter
		H (mm)	D (mm)
01 09 00463	M 12	0.25	12.5
01 09 00464	M 16	0.25	16
01 09 00462	M 20	0.25	16.5
01 09 00465	M 25	0.25	19.5
01 09 00466	M 32	0.5	21.5
01 09 00461	M 40	0.5	24
01 09 00654	M 50	0.5	29

MULTIPLE INSERTS



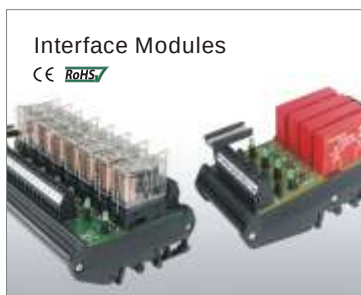
Multiple Inserts

Article No.	Size	No. of Holes x Hole Size	Height	Outside Diameter
		N x D (mm)	H (mm)	OD (mm)
01 09 01323	M 20	4 x 5	7.5	15.1
01 09 01344	M 25	4 x 6	9.3	19.8
01 09 01320	M 32	3 x 8	12.5	25.1
01 09 01339	M 32	4 x 7	12.5	25.1
01 09 01279	M 32	4 x 8	12.5	25.1
01 09 01343	M 40	5 x 8.5	15	32.3
01 09 01302	Pg 13.5	2 x 5	8.5	15.3
01 09 00832	Pg 13.5	2 x 6	8.5	15.3
01 09 00833	Pg 16	2 x 6	9	17.4
01 09 00834	Pg 21	2 x 9	11	22.2
01 09 00835	Pg 21	3 x 7	11	22.2
01 09 01334	Pg 29	8 x 5	13	29.8

NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. At the very top, there is a solid light blue rectangular band. Below this band, the page is filled with evenly spaced horizontal grey lines, providing a template for writing or drawing. The lines extend across the entire width of the page.

OTHER PRODUCT PROGRAMS



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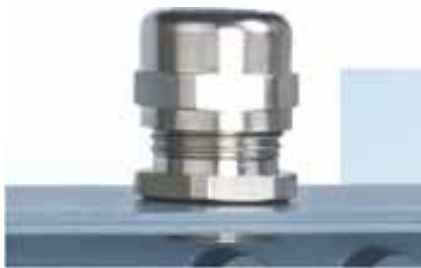
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Distributed By :

CABLE GLANDS

WITH WIDE CLAMPING RANGE



SIMPLY SOLUTIONS



CABLE GLANDS

WITH WIDE CLAMPING RANGE

Cable Glands is a device to permit the firm and secure termination of cable to provide sealing, retention and earthing, bonding, grounding, insulation, strain relief or combination of all these. They are used throughout a number of industries in conjunction with cable and wiring used in electrical instrumentation and automation systems.

Main usage are machine building, plant construction, conveyor technique, apparatus engineering, power engineering, vehicle construction, railed vehicles, shipbuilding, aero planes, military engineering, electric motors, generators, frequency converters, drive technology, gear units, pumps, ventilators, electric and electronic components, products and devices, junction boxes, industrial enclosures, electric installations and controls, building automation, industrial automation, automation technology, lamps, luminaries, lighting technology.



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Cable Glands & Accessories - Polyamide

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Hexagonal Locknuts

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Hexagonal Locknuts - Normal (Metric & Pg)

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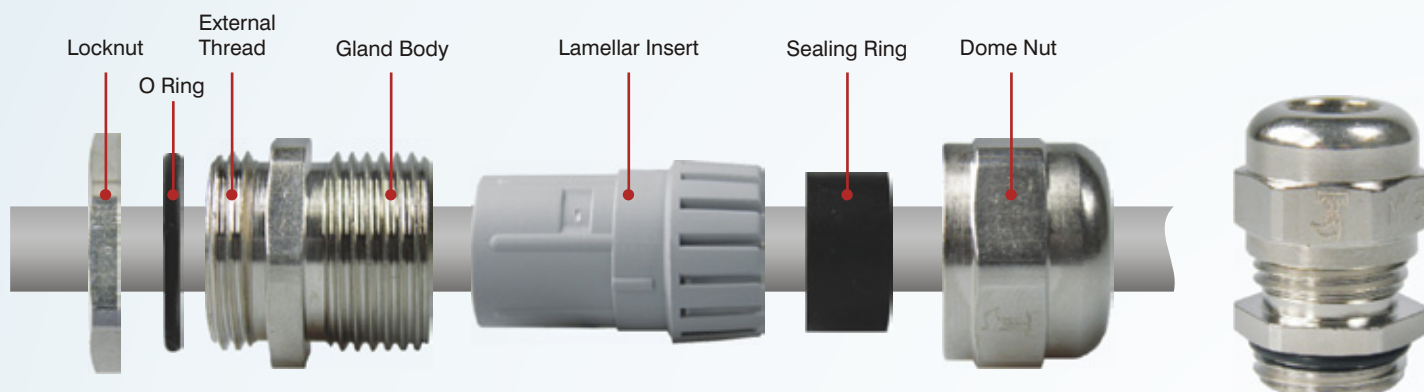
Dust Cap

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Multiple Inserts

27

Cable Glands - Nickel Plated Brass

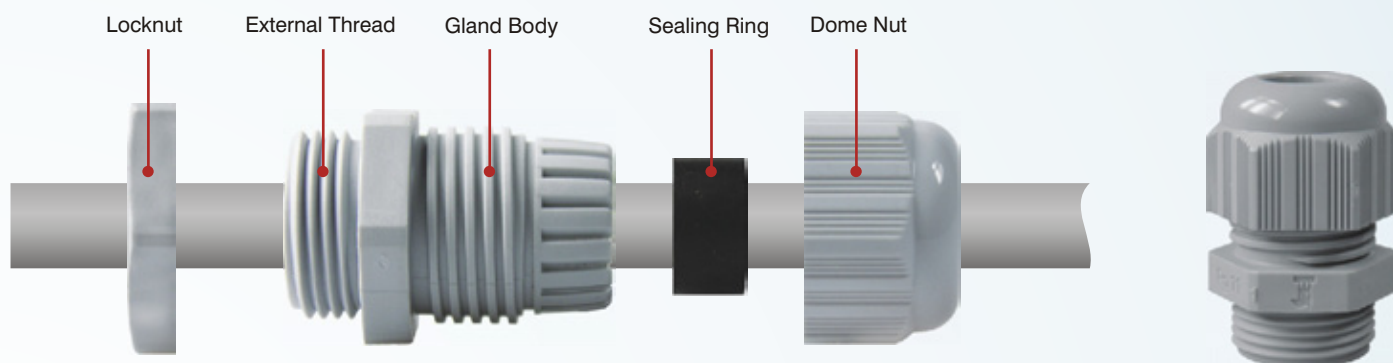


Brass Cable Glands Dimensions

External Thread		Clamping Range	External Thread	Standard Thread		Long Thread		Packet Size
Size		ØC	Nominal Diameter	Entry Thread Length	Height	Entry Thread Length	Height	
Metric	Pg	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Pcs.)
M 12		3 - 6	12.0	5	25	10	30	100
	Pg 7	3 - 6.5	12.5	5	24	15	24	100
	Pg 9	4 - 8	15.2	6	29	15	29	100
M 16		5 - 9	16.0	5	30	10	35	100
	Pg 11	5 - 10	18.6	6	29.5	15	29.5	50
M 20		9 - 13	20.0	6	33.5	10	37.5	50
	Pg 13.5	6 - 12	20.4	6.5	31.5	15	31.5	50
	Pg 16	10 - 14	22.5	6.5	31.5	15	31.5	50
M 25		11 - 16	25.0	7	36.5	11	40.5	50
	Pg 21	13 - 18	28.3	7	34	15	34	50
M 32		14 - 21	32.0	8	38	13	43	25
	Pg 29	18 - 25	37.0	8	39	15	39	25
M 40		19 - 27	40.0	8	41	13	46	10
	Pg 36	24 - 32	47.0	10	44	-	-	10
M 50		24 - 35	50.0	9	49.5	14	54.5	5
	Pg 42	30 - 48	54.0	12	48	-	-	5
	Pg 48	34 - 44	59.3	14	51.5	-	-	5
M 63		32 - 42	63.0	10	52.5	14	56.5	5



Cable Glands - Polyamide



Polyamide Cable Glands Dimensions

External Thread		Clamping Range	External Thread	Entry Thread Length	Height	Packet Size
Size		ØC	Nominal Diameter			
Metric	Pg	(mm)	(mm)	(mm)	(mm)	(Pcs.)
M 12		3 - 6	12.0	8	31	100
	Pg 7	3 - 6.5	12.5	8	31	100
	Pg 9	4 - 8	15.2	8	34	100
M 16		5 - 10	16.0	8	35	100
	Pg 11	5 - 10	18.6	8	37	100
M 20		8 - 13	20.0	8	37	100
	Pg 13.5	6 - 12	20.4	9	39	100
	Pg 16	10 - 14	22.5	10	42	50
M 25		11 - 17	25.0	10	44	50
	Pg 21	13 - 18	28.3	15	50	50
M 32		15 - 21	32.0	15	55	50
	Pg 29	18 - 25	37.0	15	56	25
M 40		19 - 28	40.0	15	58	25
	Pg 36	22 - 32	47.0	15	65	10
M 50		27 - 35	50.0	18	67	10
	Pg 42	30 - 38	54.0	18	70	5
	Pg 48	34 - 44	59.3	18	71	5
M 63		32 - 42	63.0	18	71	5



Available in :

-  RAL 7001
-  RAL 7035
-  RAL 9005

Cable Glands & Accessories - Nickel Plated Brass



Key Features

- Complete range of sizes.
- Wide sealing and clamping range.
- Easy to install.
- Integrated anchorage.
- Metric and Pg thread available.

Application Area

- Wind Energy
- Solar Energy
- Machine Manufacturers
- Panel Manufacturers
- Telecommunication
- Automobiles
- Transportation





Cable Glands & Accessories - Nickel Plated Brass

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Cable Glands - Nickel Plated Brass

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Hexagonal Locknuts

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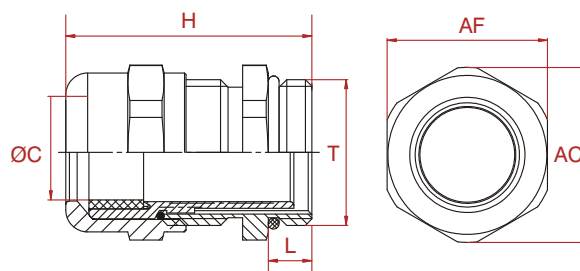
Hexagonal Locknuts - Normal (Metric & Pg)	10
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Accessories

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CABLE GLANDS - METRIC THREAD



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

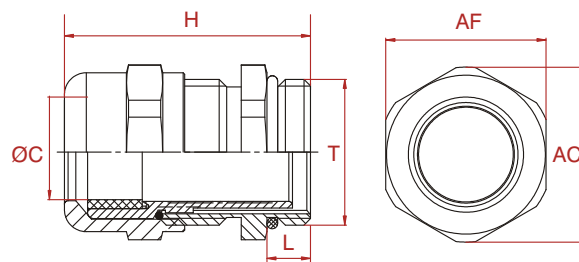
Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	UL 514B
Pitch	1.5 mm
UL File No.	E466603
Approvals	

Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11001	M 12	3 - 6	5	25	100	14	15.5
01 17 11002	M 16	5 - 9	5	30	100	18	20
01 17 11003	M 20	9 - 13	6	33.5	50	22	24
01 17 11004	M 25	11 - 16	7	36.5	50	27	30
01 17 11005	M 32	14 - 21	8	38	25	34	36
01 17 11006	M 40	19 - 27	8	41	10	43	46
01 17 11007	M 50	24 - 35	9	49.5	5	55	60
01 17 11008	M 63	32 - 42	10	52.5	5	65	70

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11009	M 12	3 - 6	10	30	100	14	15.5
01 17 11010	M 16	5 - 9	10	35	100	18	20
01 17 11011	M 20	9 - 13	10	37.5	50	22	24
01 17 11012	M 25	11 - 16	11	40.5	50	27	30
01 17 11013	M 32	14 - 21	13	43	25	34	36
01 17 11014	M 40	19 - 27	13	46	10	43	47.5
01 17 11015	M 50	24 - 35	14	54.5	5	55	60
01 17 11016	M 63	32 - 42	14	56.5	5	65	70

CABLE GLANDS - Pg THREAD



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

Technical Data

Connecting Thread	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	UL 514B
UL File No.	

Approvals



BRASS

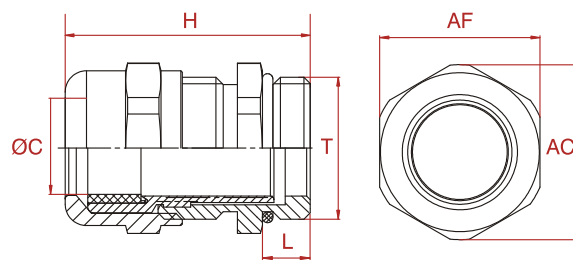
Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11119	Pg 7	3 - 6.5	5	24	100	14	15.5
01 17 11087	Pg 9	4 - 8	6	29	100	17	19
01 17 11088	Pg 11	5 - 10	6	29.5	50	20	22
01 17 11089	Pg 13.5	6 - 12	6.5	31.5	50	22	24.3
01 17 11090	Pg 16	10 - 14	6.5	31.5	50	24	26.5
01 17 11091	Pg 21	13 - 18	7	34	50	30	33.4
01 17 11092	Pg 29	18 - 25	8	39	25	40	43.4
01 17 11093	Pg 36	24 - 32	10	44	10	50	50
01 17 11120	Pg 42	30 - 38	12	48	5	57	57
01 17 11121	Pg 48	34 - 44	14	51.5	5	64	64

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11122	Pg 7	3 - 6.5	15	24	100	14	15.5
01 17 11123	Pg 9	4 - 8	15	29	100	17	19
01 17 11124	Pg 11	5 - 10	15	29.5	50	20	22
01 17 11125	Pg 13.5	6 - 12	15	31.5	50	22	24.3
01 17 11126	Pg 16	10 - 14	15	31.5	50	24	26.5
01 17 11127	Pg 21	13 - 18	15	34	50	30	33.4
01 17 11128	Pg 29	18 - 25	15	39	25	40	43.4

CABLE GLANDS - EMC

(With Electromagnetic Compatibility for Shielded Cables)

BRASS



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

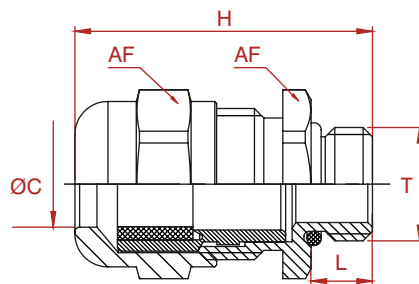
Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	UL 514B
Pitch	1.5 mm
UL File No.	E466603
Approvals	

Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11017	M 12	3 - 6	5	25	100	14	15.5
01 17 11018	M 16	5 - 9	5	30	100	18	20
01 17 11019	M 20	9 - 13	6	33.5	50	22	24
01 17 11020	M 25	11 - 16	7	36.5	50	27	30
01 17 11021	M 32	14 - 21	8	38	25	34	36
01 17 11022	M 40	19 - 27	8	41	10	43	47.5
01 17 11023	M 50	24 - 35	9	49.5	5	55	60
01 17 11024	M 63	32 - 42	10	52.5	5	65	70

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11025	M 12	3 - 6	10	30	100	14	15.5
01 17 11026	M 16	5 - 9	10	35	100	18	20
01 17 11027	M 20	9 - 13	10	37.5	50	22	24
01 17 11028	M 25	11 - 16	11	40.5	50	27	30
01 17 11029	M 32	14 - 21	13	43	25	34	36
01 17 11030	M 40	19 - 27	13	46	10	43	47.5
01 17 11031	M 50	24 - 35	14	54.5	5	55	60
01 17 11032	M 63	32 - 42	14	56.5	5	65	70

CABLE GLANDS - COMBINATION TYPE



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

Technical Data

Connecting Thread	Pg to Metric & Metric to Metric
Protection Grade	IP 68
Test Standard	UL 514B
UL File No.	E466603

Approvals



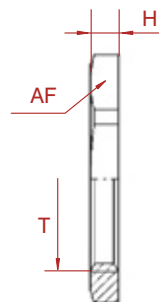
BRASS

Cable Glands - Combination Type						Hexagonal Dimensions
Article No.	External Thread / Entry Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flat
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 17 11117 *	Pg 11 / M 16	5 - 10	6	29	100	20
01 17 11110	M 12 / M 16	5 - 8	6.5	31.5	100	18
01 17 11111	M 16 / M 20	9 - 12	5	32.5	50	22
01 17 11112	M 20 / M 25	11 - 16	6	35.5	50	27
01 17 11113	M 25 / M 32	14 - 21	7	37	25	34
01 17 11114	M 32 / M 40	19 - 27	8	41	10	43

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - NORMAL (METRIC & Pg)

BRASS



Properties

Dome Nut	Nickel Plated Brass
Temperature Range	Up to 100°C
Thread	Metric and Pg

Hexagonal Locknuts - Metric Thread

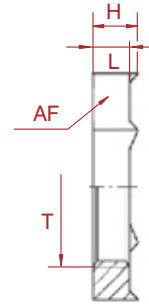
Article No.	External Thread	Across Flats	Height	Packet Size
	T	AF (mm)	H (mm)	(Pcs.)
01 17 11094	M 12	15	2.8	100
01 17 11095	M 16	19	2.8	100
01 17 11096	M 20	24	3	50
01 17 11097	M 25	30	3.5	50
01 17 11098	M 32	36	4	25
01 17 11099	M 40	46	5	10
01 17 11100	M 50	60	5	5
01 17 11101	M 63	70	6	5

Hexagonal Locknuts - Pg Thread

Article No.	External Thread	Across Flats	Height	Packet Size
	T	AF (mm)	H (mm)	(Pcs.)
01 09 00467	Pg 7	15	2.8	100
01 17 11102	Pg 9	18	2.8	100
01 17 11103	Pg 11	21	3	50
01 17 11104	Pg 13.5	23	3	50
01 17 11105	Pg 16	26	3	50
01 17 11106	Pg 21	32	3.5	50
01 17 11107	Pg 29	41	4	25
01 17 11108	Pg 36	51	5	10
01 09 01049	Pg 42	65	5	5
01 09 00475	Pg 48	69	5.5	5

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - EMC (METRIC)



Properties

Dome Nut
Temperature Range
Thread

Nickel Plated Brass
Up to 100°C
Metric

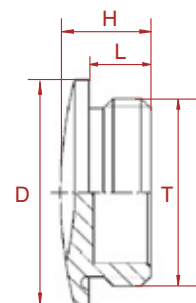
BRASS

Hexagonal Locknuts - Metric Thread

Article No.	External Thread	Thread Length	Across Flats	Height	Packet Size
	T	L (mm)	AF (mm)	H (mm)	(Pcs.)
01 09 00534	M 12	4.5	15	5.5	100
01 09 01050	M 16	4.5	19	5.5	100
01 09 00553	M 20	4.5	24	5.5	50
01 09 00554	M 25	4.5	30	5.5	50
01 09 00555	M 32	4.5	36	5.5	25
01 09 00556	M 40	5	46	6	10
01 09 00904	M 50	5	60	6	5
01 09 00035	M 63	6	70	7	5

SCREW PLUG

BRASS



Properties

Screw Plug	Nickel Plated Brass
Protection Grade	IP 54
Temperature Range	up to +200°C

Technical Data

Available with O Ring for increased protection grade.

For secure sealing of unused threaded or clearance holes.

Screw Plug - Metric Thread

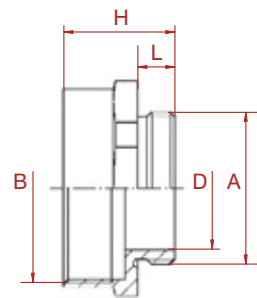
Article No.	External Thread	Entry Thread Length	Height	Diameter	Packet Size
	T	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 00036	M 12	5	8	16	100
01 09 00037	M 16	6	9	20	100
01 09 00038	M 20	6.5	9.5	24	100
01 09 00039	M 25	7	11	28	100
01 09 01081	M 32	8	12	35	50
01 09 00110	M 40	8	12	45	50
01 09 00111	M 50	9	15	55	25
01 09 00040	M 63	10	16	68	25

Screw Plug - Pg Thread

Article No.	External Thread	Entry Thread Length	Height	Diameter	Packet Size
	T	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01082	Pg 7	5	8	14	100
01 09 00995	Pg 9	6	9	17	100
01 09 00931	Pg 11	6	9	20	100
01 09 00932	Pg 13.5	6.5	9.5	22	100
01 09 00116	Pg 16	6.5	9.5	24	100
01 09 00117	Pg 21	7	11	30	100
01 09 00934	Pg 29	8	12	39	50
01 09 01084	Pg 36	9	15	50	50
01 09 01085	Pg 42	10	16	57	25
01 09 01086	Pg 48	10	16	64	25

ACCESSORIES

ENLARGER



Properties

Enlarger
Temperature Range
Nickel Plated Brass
Up to +200°C

Technical Data

Enlarger of threaded or clearance holes to larger thread sizes.

BRASS

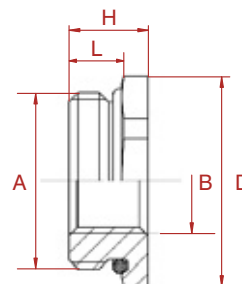
Enlarger - Metric Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	
01 09 00292	M 12/16	M 12	M 16	5	16	8	100
01 09 00144	M 16/20	M 16	M 20	5	16.5	12	100
01 09 00145	M 20/25	M 20	M 25	6	18.5	15	100
01 09 00146	M 25/32	M 25	M 32	7	20.5	21	100
01 09 00147	M 32/40	M 32	M 40	8	23.5	36	50
01 09 00148	M 40/50	M 40	M 50	8	30	34	50
01 09 00149	M 50/63	M 50	M 63	9	32.5	44	25

Enlarger - Pg Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	
01 09 00150	Pg 7 / 9	Pg 7	Pg 9	5	15	10	100
01 09 01098	Pg 9 / 11	Pg 9	Pg 11	6	16.5	12	100
01 09 00151	Pg 9 / 13	Pg 9	Pg 13.5	6	17.5	12	100
01 09 01146	Pg 11/13	Pg 11	Pg 13.5	6	17.5	15	100
01 09 01147	Pg 11/16	Pg 11	Pg 16	6.5	19	15	100
01 09 00152	Pg 11/21	Pg 11	Pg 21	6.5	21	15	100
01 09 00153	Pg 13/16	Pg 13.5	Pg 16	6.5	19	17	100
01 09 00154	Pg 13/21	Pg 13.5	Pg 21	6.5	21	17	100
01 09 00053	Pg 16/21	Pg 16	Pg 21	6.5	21	18.5	100
01 09 00155	Pg 16/29	Pg 16	Pg 29	6.5	22.5	18.5	50
01 09 00054	Pg 21/29	Pg 21	Pg 29	7	23	24	50
01 09 00156	Pg 29/36	Pg 29	Pg 36	8	27.5	32	50
01 09 00157	Pg 36/42	Pg 36	Pg 42	9	31	42	25
01 09 00293	Pg 42/48	Pg 42	Pg 48	10	33	48	25

REDUCER



Properties

Dome Nut
Temperature Range
Nickel Plated Brass
up to +200°C

Technical Data

Reduction of threaded or clearance holes to smaller thread sizes.

Reducer - Metric Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 00122	M 16/12	M 16	M 12	6	8.5	20	100
01 09 00123	M 20/12	M 20	M 12	6.5	9	24	100
01 09 00124	M 20/16	M 20	M 16	6.5	9	24	100
01 09 00125	M 25/16	M 25	M 16	7	10	30	100
01 09 00126	M 25/20	M 25	M 20	7	10	30	100
01 09 01137	M 32/20	M 32	M 20	8	11.5	39	100
01 09 00128	M 32/25	M 32	M 25	8	11.5	39	100
01 09 00129	M 40/25	M 40	M 25	9	12.5	50	50
01 09 00130	M 40/32	M 40	M 32	9	12.5	50	50
01 09 00131	M 50/32	M 50	M 32	10	14	57	25
01 09 00132	M 50/40	M 50	M 40	10	14	57	25
01 09 00133	M 63/40	M 63	M 40	10	14	70	10
01 09 00291	M 63/50	M 63	M 50	10	14	70	10

Reducer - Pg Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01004	Pg 9 / 7	Pg 9	Pg 7	6	8.5	17	100
01 09 01005	Pg 11 / 7	Pg 11	Pg 7	6	8.5	20	100
01 09 01006	Pg 11 / 9	Pg 11	Pg 9	6	8.5	20	100
01 09 01007	Pg 13 / 9	Pg 13.5	Pg 9	6.5	9	22	100
01 09 00996	Pg 13 / 11	Pg 13.5	Pg 11	6.5	9	22	100
01 09 00135	Pg 16 / 9	Pg 16	Pg 9	6.5	9.5	24	100
01 09 00136	Pg 16 / 11	Pg 16	Pg 11	6.5	9.5	24	100
01 09 01008	Pg 16 / 13	Pg 16	Pg 13.5	6.5	9.5	24	100
01 09 01010	Pg 21 / 11	Pg 21	Pg 11	7	10	30	100
01 09 01009	Pg 21 / 13	Pg 21	Pg 13.5	7	10	30	100
01 09 00999	Pg 21 / 16	Pg 21	Pg 16	7	10	30	100
01 09 00137	Pg 29 / 16	Pg 29	Pg 16	8	11.5	39	50
01 09 00998	Pg 29 / 21	Pg 29	Pg 21	8	11.5	39	50
01 09 00139	Pg 36 / 21	Pg 36	Pg 21	9	12.5	50	50
01 09 00140	Pg 36 / 29	Pg 36	Pg 29	9	12.5	50	50
01 09 00141	Pg 42 / 36	Pg 42	Pg 36	10	14	57	25
01 09 00142	Pg 48 / 36	Pg 48	Pg 36	10	14	64	25

NOTES

BRASS

Cable Glands & Accessories - Polyamide



Key Features

- Complete range of sizes.
- Wide sealing and clamping range.
- Easy to install.
- Integrated anchorage.
- Metric and Pg thread available.
- Silver Grey, Light Grey and Black color.

Application Area

- Wind Energy
- Solar Energy
- Machine Manufacturers
- Panel Manufacturers
- Telecommunication
- Automobiles
- Transportation





Cable Glands & Accessories - Polyamide

18-25

Cable Glands - Polyamide

18-21

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Hexagonal Locknuts

22

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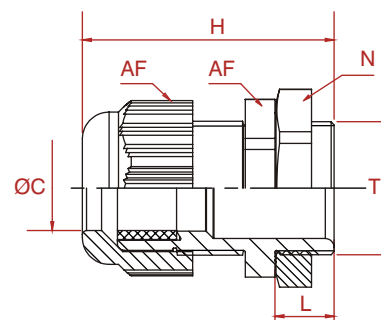
Accessories

23-25

Screw Plug	23
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CABLE GLANDS - POLYAMIDE

CABLE GLANDS - SILVER GREY COLOR (RAL 7001)



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



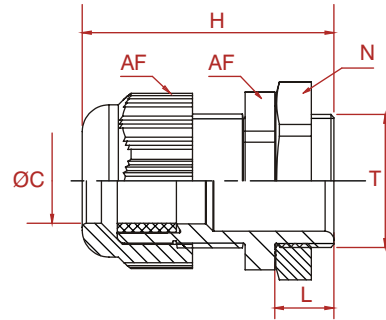
POLYAMIDE

Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11033	M 12	3 - 6	8	31	100	15	17
01 17 11034	M 16	5 - 10	8	35	100	20	22
01 17 11035	M 20	8 - 13	8	37	100	24	27
01 17 11036	M 25	11 - 17	10	44	50	29	32
01 17 11037	M 32	15 - 21	15	55	25	36	41
01 17 11038	M 40	19 - 28	15	58	20	46	50
01 17 11039	M 50	27 - 35	18	67	10	55	60
01 17 11040	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11057	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11058	Pg 9	4 - 8	8	34	100	19	22
01 17 11059	Pg 11	5 - 10	8	37	100	22	24
01 17 11060	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11061	Pg 16	10 - 14	10	42	50	27	30
01 17 11062	Pg 21	13 - 18	15	50	50	33	36
01 17 11063	Pg 29	18 - 25	15	56	25	42	46
01 17 11064	Pg 36	22 - 32	15	65	10	53	60
01 17 11065	Pg 42	30 - 38	18	70	5	60	65
01 17 11066	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - LIGHT GREY COLOR (RAL 7035)



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



POLYAMIDE

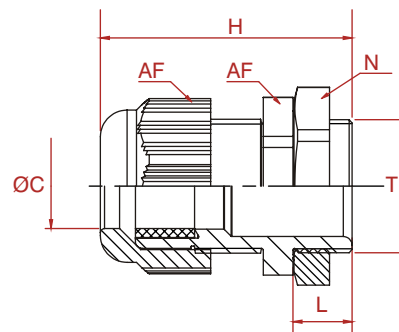
Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11041	M 12	3 - 6	8	31	100	15	17
01 17 11042	M 16	5 - 10	8	35	100	20	22
01 17 11043	M 20	8 - 13	8	37	100	24	27
01 17 11044	M 25	11 - 17	10	44	50	29	32
01 17 11045	M 32	15 - 21	15	55	25	36	41
01 17 11046	M 40	19 - 28	15	58	20	46	50
01 17 11047	M 50	27 - 35	18	67	10	55	60
01 17 11048	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11067	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11068	Pg 9	4 - 8	8	34	100	19	22
01 17 11069	Pg 11	5 - 10	8	37	100	22	24
01 17 11070	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11071	Pg 16	10 - 14	10	42	50	27	30
01 17 11072	Pg 21	13 - 18	15	50	50	33	36
01 17 11073	Pg 29	18 - 25	15	56	25	42	46
01 17 11074	Pg 36	22 - 32	15	65	10	53	60
01 17 11075	Pg 42	30 - 38	18	70	5	60	65
01 17 11076	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - BLACK COLOR (RAL 9005)

Available with Lock Nuts



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



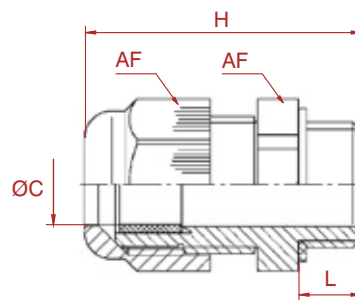
POLYAMIDE

Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11049	M 12	3 - 6	8	31	100	15	17
01 17 11050	M 16	5 - 10	8	35	100	20	22
01 17 11051	M 20	8 - 13	8	37	100	24	27
01 17 11052	M 25	11 - 17	10	44	50	29	32
01 17 11053	M 32	15 - 21	15	55	25	36	41
01 17 11054	M 40	19 - 28	15	58	20	46	50
01 17 11055	M 50	27 - 35	18	67	10	55	60
01 17 11056	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11077	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11078	Pg 9	4 - 8	8	34	100	19	22
01 17 11079	Pg 11	5 - 10	8	37	100	22	24
01 17 11080	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11081	Pg 16	10 - 14	10	42	50	27	30
01 17 11082	Pg 21	13 - 18	15	50	50	33	36
01 17 11083	Pg 29	18 - 25	15	56	25	42	46
01 17 11084	Pg 36	22 - 32	15	65	10	53	60
01 17 11085	Pg 42	30 - 38	18	70	5	60	65
01 17 11086	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - COMBINATION TYPE



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	

Approvals

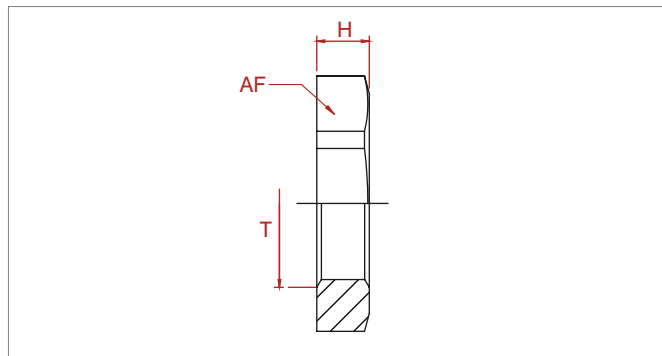


POLYAMIDE

Cable Glands - Combination Type							Hexagonal Dimensions
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Silver Grey Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 00495	Pg 11 / M 16	PA 7001	5 - 10	15	44	100	22
01 09 00496	Pg 13 / M 20	PA 7001	6 - 12	11	41.5	100	24
01 09 00492	Pg 16 / M 20	PA 7001	10 - 14	15	47.5	50	27
01 09 00497	Pg 21 / M 25	PA 7001	13 - 18	15	52	50	33
01 09 00458	Pg 29 / M 32	PA 7001	18 - 25	15	57	25	42
01 09 00460	Pg 42 / M 50	PA 7001	30 - 38	18	73.5	5	60
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Light Grey Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01203	Pg 11 / M 16	PA 7035	5 - 10	15	44	100	22
01 09 01204	Pg 13 / M 20	PA 7035	6 - 12	11	41.5	100	24
01 09 01205	Pg 16 / M 20	PA 7035	10 - 14	15	47.5	50	27
01 09 01206	Pg 21 / M 25	PA 7035	13 - 18	15	52	50	33
01 09 01207	Pg 29 / M 32	PA 7035	18 - 25	15	57	25	42
01 09 01208	Pg 42 / M 50	PA 7035	30 - 38	18	73.5	5	60
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Black Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 00542	Pg 11 / M 16	PA 9005	5 - 10	15	44	100	22
01 09 00450	Pg 13 / M 20	PA 9005	6 - 12	11	41.5	100	24
01 09 00485	Pg 16 / M 20	PA 9005	10 - 14	15	47.5	50	27
01 09 00541	Pg 21 / M 25	PA 9005	13 - 18	15	52	50	33
01 09 00486	Pg 29 / M 32	PA 9005	18 - 25	15	57	25	42
01 09 00487	Pg 42 / M 50	PA 9005	30 - 38	18	73.5	5	60

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - NORMAL (METRIC & Pg)



Properties

Dome Nut	Polyamide PA6-V2
Temperature Range	-20°C / +100°C
Thread	Metric and Pg
Color	RAL 7001, RAL 7035, RAL 9005

POLYAMIDE

Hexagonal Locknut - Metric Thread

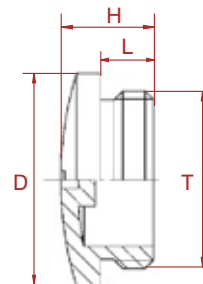
Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Packet Size (Pcs.)
01 17 04373	M 12 PA 7001	01 17 04391	M 12 PA 7035	01 17 04359	M 12 PA 9005	100
01 17 04374	M 16 PA 7001	01 17 04392	M 16 PA 7035	01 17 04017	M 16 PA 9005	100
01 17 04375	M 20 PA 7001	01 17 04393	M 20 PA 7035	01 17 04018	M 20 PA 9005	100
01 17 04376	M 25 PA 7001	01 17 04394	M 25 PA 7035	01 17 04021	M 25 PA 9005	100
01 17 04377	M 32 PA 7001	01 17 04395	M 32 PA 7035	01 17 04022	M 32 PA 9005	100
01 17 04378	M 40 PA 7001	01 17 04396	M 40 PA 7035	01 17 04360	M 40 PA 9005	50
01 17 04379	M 50 PA 7001	01 17 04397	M 50 PA 7035	01 17 04361	M 50 PA 9005	50
01 17 04380	M 63 PA 7001	01 17 04398	M 63 PA 7035	01 17 04362	M 63 PA 9005	50

Hexagonal Locknut - Pg Thread

Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Packet Size (Pcs.)
01 17 04363	Pg 7 PA 7001	01 17 04381	Pg 7 PA 7035	01 17 04353	Pg 7 PA 9005	100
01 17 04364	Pg 9 PA 7001	01 17 04382	Pg 9 PA 7035	01 17 04015	Pg 9 PA 9005	100
01 17 04365	Pg 11 PA 7001	01 17 04383	Pg 11 PA 7035	01 17 04016	Pg 11 PA 9005	100
01 17 04366	Pg 13.5 PA 7001	01 17 04384	Pg 13.5 PA 7035	01 17 04019	Pg 13.5 PA 9005	100
01 17 04367	Pg 16 PA 7001	01 17 04385	Pg 16 PA 7035	01 17 04020	Pg 16 PA 9005	100
01 17 04368	Pg 21 PA 7001	01 17 04386	Pg 21 PA 7035	01 17 04354	Pg 21 PA 9005	100
01 17 04369	Pg 29 PA 7001	01 17 04387	Pg 29 PA 7035	01 17 04355	Pg 29 PA 9005	100
01 17 04370	Pg 36 PA 7001	01 17 04388	Pg 36 PA 7035	01 17 04356	Pg 36 PA 9005	50
01 17 04371	Pg 42 PA 7001	01 17 04389	Pg 42 PA 7035	01 17 04357	Pg 42 PA 9005	50
01 17 04372	Pg 48 PA 7001	01 17 04390	Pg 48 PA 7035	01 17 04358	Pg 48 PA 9005	50

ACCESSORIES

SCREW PLUG



Properties

Material	Polyamide PA6 GF 30
Temperature Range	-30°C / +80°C
Protection Grade	IP 54
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

For secure sealing of unused threaded or clearance holes.

Screw Plug - Metric Thread

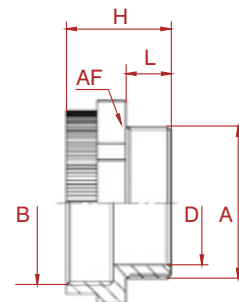
Screw Plug - Metric Thread									
Article No.	External Thread Silver Grey Color		Article No.	External Thread Light Grey Color		Thread Length	Height	Diameter	Packet Size
	T			T		L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01011	M 12	PA 7001	01 09 00271	M 12	PA 7035	6	10	15	100
01 09 01012	M 16	PA 7001	01 09 00272	M 16	PA 7035	6	10.5	20	100
01 09 00269	M 20	PA 7001	01 09 00273	M 20	PA 7035	6	10.5	24	100
01 09 00270	M 25	PA 7001	01 09 00274	M 25	PA 7035	8	13	30	100
01 09 01013	M 32	PA 7001	01 09 00275	M 32	PA 7035	8	13.5	37	50
01 09 00264	M 40	PA 7001	01 09 00043	M 40	PA 7035	8	14	46	50
01 09 00265	M 50	PA 7001	01 09 00044	M 50	PA 7035	10	16.5	56	25
01 09 00143	M 63	PA 7001	01 09 00279	M 63	PA 7035	12	17	70	25

Screw Plug - Pg Thread

Screw Plug - Pg Thread									
Article No.	External Thread Silver Grey Color		Article No.	External Thread Light Grey Color		Thread Length	Height	Diameter	Packet Size
	T			T		L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01037	Pg 7	PA 7001	01 09 00112	Pg 7	PA 7035	6	10	15	100
01 09 01131	Pg 9	PA 7001	01 09 00630	Pg 9	PA 7035	6	10	19	100
01 09 01310	Pg 11	PA 7001	01 09 01001	Pg 11	PA 7035	6	10	22	100
01 09 01132	Pg 13	PA 7001	01 09 01003	Pg 13	PA 7035	6	10	25	100
01 09 01133	Pg 16	PA 7001	01 09 01002	Pg 16	PA 7035	6	10	27	100
01 09 01145	Pg 21	PA 7001	01 09 00276	Pg 21	PA 7035	8	12.5	33	100
01 17 04305	Pg 29	PA 7001	01 09 00277	Pg 29	PA 7035	8	13	44.5	50
01 17 04306	Pg 36	PA 7001	01 09 00278	Pg 36	PA 7035	10	15	55.5	50
01 09 01365	Pg 42	PA 7001	01 09 00042	Pg 42	PA 7035	10	15.5	62.5	25
01 09 01366	Pg 48	PA 7001	01 09 00280	Pg 48	PA 7035	12	17	69.5	25

POLYAMIDE

ENLARGER



Properties

Material	Polyamide PA6
Temperature Range	-20°C / +100°C
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

Enlarger of threaded or clearance holes to larger threaded sizes.

POLYAMIDE

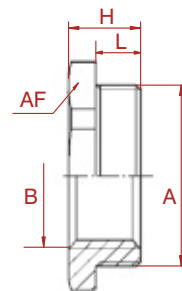
Enlarger - Metric Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Diameter	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	D (mm)	(Pcs.)	AF (mm)
01 09 00287	M 12	M 16	8	20.5	7	100	20
01 09 00288	M 16	M 20	8	20.5	11	100	24
01 09 00119	M 20	M 25	8	21	15	100	30
01 09 00289	M 25	M 32	8	23	19	100	37
01 09 00290	M 32	M 40	10	25	26	50	45

Enlarger - Pg Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Diameter	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	D (mm)	(Pcs.)	AF (mm)
01 09 01363	Pg 7	Pg 9	8	21	8.5	100	19
01 09 01172	Pg 9	Pg 11	8	23	10	100	22
01 09 01125	Pg 11	Pg 13.5	8	23	13.5	100	24
01 09 01147	Pg 11	Pg 16	8	24.5	12.5	100	27
01 09 00370	Pg 13.5	Pg 16	9	26	15	100	27
01 09 01218	Pg 16	Pg 21	9	29	16	100	32
01 09 01347	Pg 21	Pg 29	10	32	22.5	50	42
01 09 01348	Pg 29	Pg 36	11	35.5	30.5	50	53
01 09 01349	Pg 36	Pg 42	13	40.5	39.5	25	60
01 09 00374	Pg 42	Pg 48	13	41	45.5	25	65

REDUCER



Properties

Material	Polyamide PA6
Temperature Range	-30°C / +80°C
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

Reduction of threaded or clearance holes to smaller thread sizes.

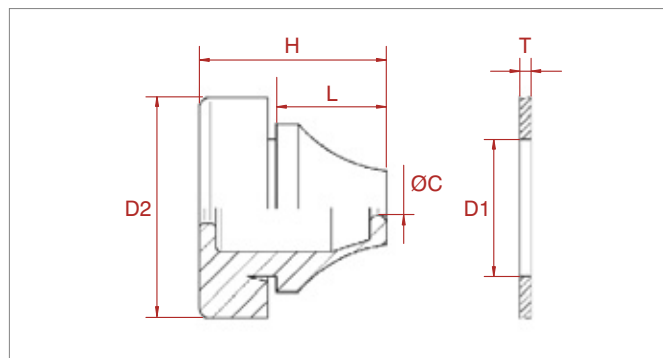
Reducer - Metric Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01364	M 16	M 12	8	12	100	24
01 09 01312	M 20	M 12	8	12	100	24
01 09 01090	M 20	M 16	8	12	100	24
01 09 01139	M 25	M 16	8	14	100	29
01 09 00311	M 25	M 20	8	14	100	29
01 09 01094	M 32	M 20	10	16	100	36
01 09 01287	M 32	M 25	10	16	100	36
01 09 01096	M 40	M 25	10	16	50	46
01 09 01328	M 40	M 32	10	16	50	55
01 09 01330	M 50	M 40	12	18	25	55

Reducer - Pg Thread

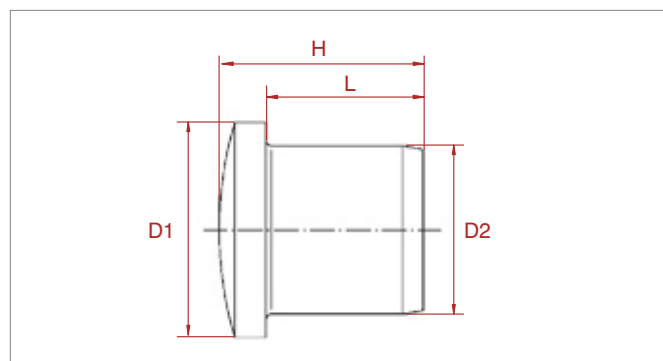
Article No.	Entry Thread	External Thread	Thread Length	Height	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01035	Pg 9	Pg 7	8	20.5	100	19
01 09 01224	Pg 11	Pg 7	8	14	100	22
01 09 01036	Pg 11	Pg 9	8	22.5	100	22
01 09 00323	Pg 13.5	Pg 9	9	15	100	24
01 09 01304	Pg 13.5	Pg 11	9	24	100	24
01 09 00325	Pg 16	Pg 9	10	16	100	27
01 09 00326	Pg 16	Pg 11	10	16	100	27
01 09 00327	Pg 16	Pg 13.5	10	27	100	27
01 09 01128	Pg 21	Pg 11	11	16	100	32
01 09 00328	Pg 21	Pg 13.5	11	16	100	32
01 09 00329	Pg 21	Pg 16	11	16	100	32
01 09 00137	Pg 29	Pg 16	11	17	50	40
01 09 01319	Pg 29	Pg 21	11	17	50	40
01 09 01350	Pg 36	Pg 21	13	19	50	50
01 09 00332	Pg 36	Pg 29	18	24	50	50
01 09 01351	Pg 42	Pg 36	18	24	25	55
01 09 01352	Pg 48	Pg 36	14	20	25	60

SEALING GROMMET



Sealing Grommet									
Grey		Black		Diameter		Wall Thickness	Clamping Range	Length	Height
Article No.	Size	Article No.	Size	D1 (mm)	D2 (mm)	T (mm)	ØC (mm)	L (mm)	H (mm)
01 09 01353	M 16	01 09 01358	M 16	16.5	21	1 - 4	5 - 9	11	17.7
01 09 01354	M 20	01 09 01362	M 20	20.5	25.5	1 - 4	8 - 12	13.4	20
01 09 01355	M 25	01 09 01359	M 25	25.5	30.5	1 - 4	11 - 16	15.3	21.3
01 09 01356	M 32	01 09 01360	M 32	32.5	38.5	1 - 4	15 - 20	16.6	24.6
01 09 01357	M 40	01 09 01361	M 40	40.5	48.5	1 - 4	19 - 28	21.7	29.5

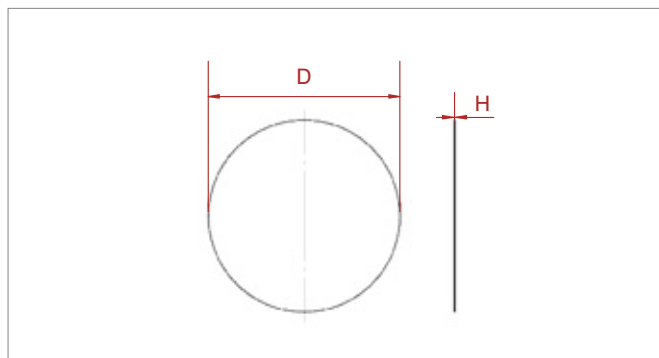
BLANKING PLUG



Blanking Plug					
Article No.	Size	Diameter	Diameter	Length	Height
		D1 (mm)	D2 (mm)	L (mm)	H (mm)
01 09 01153	M 12	10	5.5	9	12.5
01 09 01150	M 16	13.5	9.5	12	16
01 09 01151	M 20	16.5	12	12	16.5
01 09 01152	M 25	20.5	16	15	19.5
01 09 01154	M 32	24.5	20	17	21.5
01 09 00662	M 40	32	27	20	24
01 09 01156	M 50	39	35	25	29
01 09 01157	M 63	52	42	25	29

UNIVERSAL ACCESSORIES

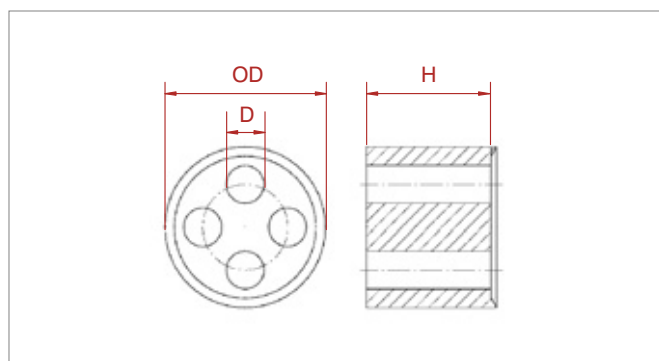
DUST CAP



Dust Cap

Article No.	Size	Height	Diameter
		H (mm)	D (mm)
01 09 00463	M 12	0.25	12.5
01 09 00464	M 16	0.25	16
01 09 00462	M 20	0.25	16.5
01 09 00465	M 25	0.25	19.5
01 09 00466	M 32	0.5	21.5
01 09 00461	M 40	0.5	24
01 09 00654	M 50	0.5	29

MULTIPLE INSERTS



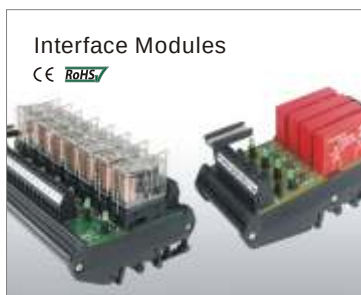
Multiple Inserts

Article No.	Size	No. of Holes x Hole Size	Height	Outside Diameter
		N x D (mm)	H (mm)	OD (mm)
01 09 01323	M 20	4 x 5	7.5	15.1
01 09 01344	M 25	4 x 6	9.3	19.8
01 09 01320	M 32	3 x 8	12.5	25.1
01 09 01339	M 32	4 x 7	12.5	25.1
01 09 01279	M 32	4 x 8	12.5	25.1
01 09 01343	M 40	5 x 8.5	15	32.3
01 09 01302	Pg 13.5	2 x 5	8.5	15.3
01 09 00832	Pg 13.5	2 x 6	8.5	15.3
01 09 00833	Pg 16	2 x 6	9	17.4
01 09 00834	Pg 21	2 x 9	11	22.2
01 09 00835	Pg 21	3 x 7	11	22.2
01 09 01334	Pg 29	8 x 5	13	29.8

NOTES

[illegible]

OTHER PRODUCT PROGRAMS



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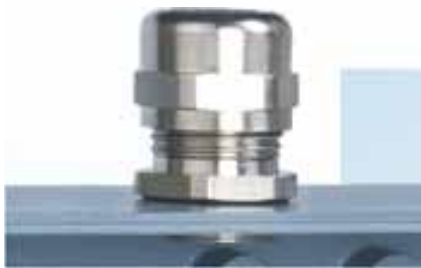
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Distributed By :

CABLE GLANDS

WITH WIDE CLAMPING RANGE



SIMPLY SOLUTIONS



CABLE GLANDS

WITH WIDE CLAMPING RANGE

Cable Glands is a device to permit the firm and secure termination of cable to provide sealing, retention and earthing, bonding, grounding, insulation, strain relief or combination of all these. They are used throughout a number of industries in conjunction with cable and wiring used in electrical instrumentation and automation systems.

Main usage are machine building, plant construction, conveyor technique, apparatus engineering, power engineering, vehicle construction, railed vehicles, shipbuilding, aero planes, military engineering, electric motors, generators, frequency converters, drive technology, gear units, pumps, ventilators, electric and electronic components, products and devices, junction boxes, industrial enclosures, electric installations and controls, building automation, industrial automation, automation technology, lamps, luminaries, lighting technology.



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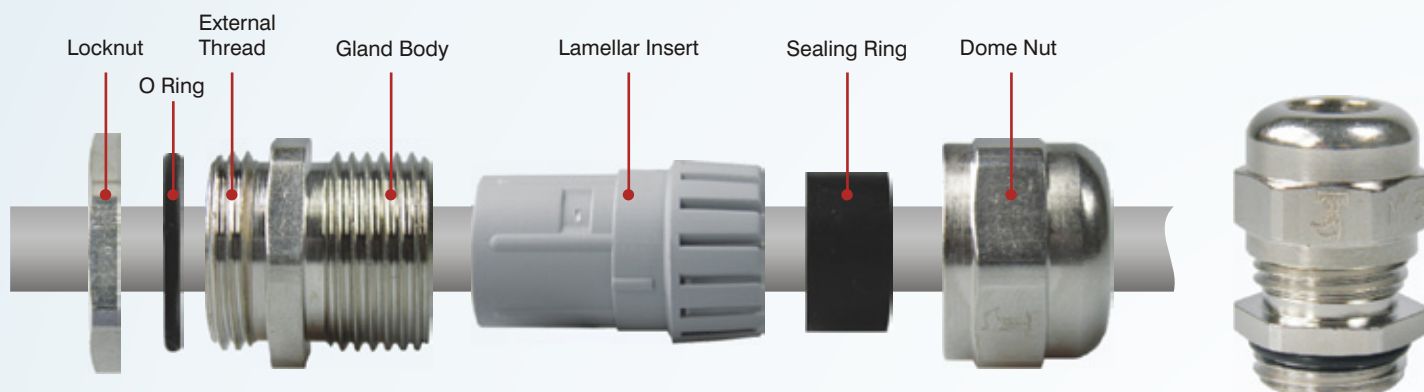
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Cable Glands - Nickel Plated Brass

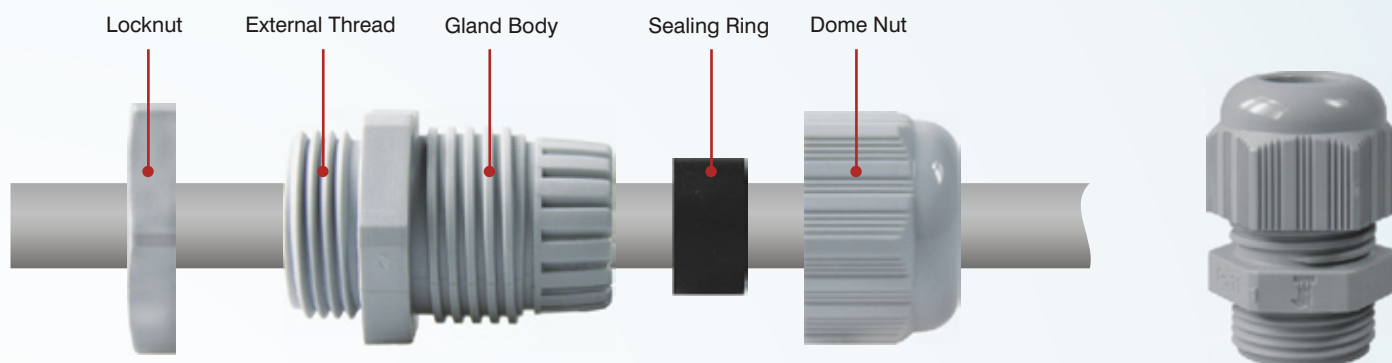


Brass Cable Glands Dimensions

External Thread		Clamping Range	External Thread	Standard Thread		Long Thread		Packet Size
Size		ØC	Nominal Diameter	Entry Thread Length	Height	Entry Thread Length	Height	
Metric	Pg	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Pcs.)
M 12		3 - 6	12.0	5	25	10	30	100
	Pg 7	3 - 6.5	12.5	5	24	15	24	100
	Pg 9	4 - 8	15.2	6	29	15	29	100
M 16		5 - 9	16.0	5	30	10	35	100
	Pg 11	5 - 10	18.6	6	29.5	15	29.5	50
M 20		9 - 13	20.0	6	33.5	10	37.5	50
	Pg 13.5	6 - 12	20.4	6.5	31.5	15	31.5	50
	Pg 16	10 - 14	22.5	6.5	31.5	15	31.5	50
M 25		11 - 16	25.0	7	36.5	11	40.5	50
	Pg 21	13 - 18	28.3	7	34	15	34	50
M 32		14 - 21	32.0	8	38	13	43	25
	Pg 29	18 - 25	37.0	8	39	15	39	25
M 40		19 - 27	40.0	8	41	13	46	10
	Pg 36	24 - 32	47.0	10	44	-	-	10
M 50		24 - 35	50.0	9	49.5	14	54.5	5
	Pg 42	30 - 48	54.0	12	48	-	-	5
	Pg 48	34 - 44	59.3	14	51.5	-	-	5
M 63		32 - 42	63.0	10	52.5	14	56.5	5



Cable Glands - Polyamide



Polyamide Cable Glands Dimensions

External Thread		Clamping Range	External Thread	Entry Thread Length	Height	Packet Size
Size		ØC	Nominal Diameter			
Metric	Pg	(mm)	(mm)	(mm)	(mm)	(Pcs.)
M 12		3 - 6	12.0	8	31	100
	Pg 7	3 - 6.5	12.5	8	31	100
	Pg 9	4 - 8	15.2	8	34	100
M 16		5 - 10	16.0	8	35	100
	Pg 11	5 - 10	18.6	8	37	100
M 20		8 - 13	20.0	8	37	100
	Pg 13.5	6 - 12	20.4	9	39	100
	Pg 16	10 - 14	22.5	10	42	50
M 25		11 - 17	25.0	10	44	50
	Pg 21	13 - 18	28.3	15	50	50
M 32		15 - 21	32.0	15	55	50
	Pg 29	18 - 25	37.0	15	56	25
M 40		19 - 28	40.0	15	58	25
	Pg 36	22 - 32	47.0	15	65	10
M 50		27 - 35	50.0	18	67	10
	Pg 42	30 - 38	54.0	18	70	5
	Pg 48	34 - 44	59.3	18	71	5
M 63		32 - 42	63.0	18	71	5



Available in :

-  RAL 7001
-  RAL 7035
-  RAL 9005

Cable Glands & Accessories - Nickel Plated Brass



Key Features

- Complete range of sizes.
- Wide sealing and clamping range.
- Easy to install.
- Integrated anchorage.
- Metric and Pg thread available.

Application Area

- Wind Energy
- Solar Energy
- Machine Manufacturers
- Panel Manufacturers
- Telecommunication
- Automobiles
- Transportation





Cable Glands & Accessories - Nickel Plated Brass

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Cable Glands - Nickel Plated Brass

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Hexagonal Locknuts

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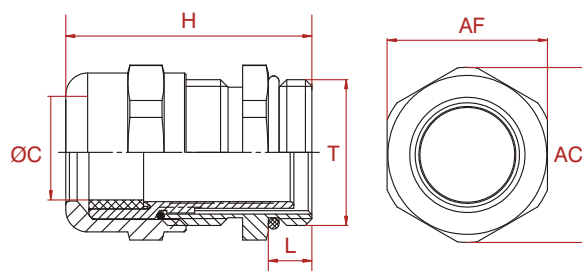


Accessories

12-14

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CABLE GLANDS - METRIC THREAD



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

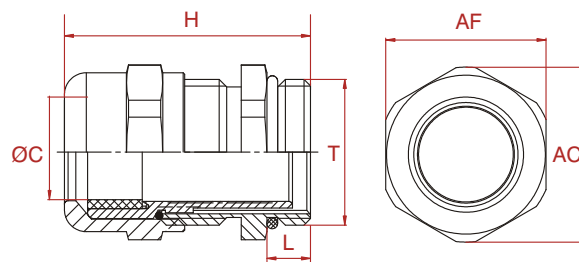
Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	UL 514B
Pitch	1.5 mm
UL File No.	E466603
Approvals	

Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11001	M 12	3 - 6	5	25	100	14	15.5
01 17 11002	M 16	5 - 9	5	30	100	18	20
01 17 11003	M 20	9 - 13	6	33.5	50	22	24
01 17 11004	M 25	11 - 16	7	36.5	50	27	30
01 17 11005	M 32	14 - 21	8	38	25	34	36
01 17 11006	M 40	19 - 27	8	41	10	43	46
01 17 11007	M 50	24 - 35	9	49.5	5	55	60
01 17 11008	M 63	32 - 42	10	52.5	5	65	70

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11009	M 12	3 - 6	10	30	100	14	15.5
01 17 11010	M 16	5 - 9	10	35	100	18	20
01 17 11011	M 20	9 - 13	10	37.5	50	22	24
01 17 11012	M 25	11 - 16	11	40.5	50	27	30
01 17 11013	M 32	14 - 21	13	43	25	34	36
01 17 11014	M 40	19 - 27	13	46	10	43	47.5
01 17 11015	M 50	24 - 35	14	54.5	5	55	60
01 17 11016	M 63	32 - 42	14	56.5	5	65	70

CABLE GLANDS - Pg THREAD



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

Technical Data

Connecting Thread	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	UL 514B
UL File No.	

Approvals



BRASS

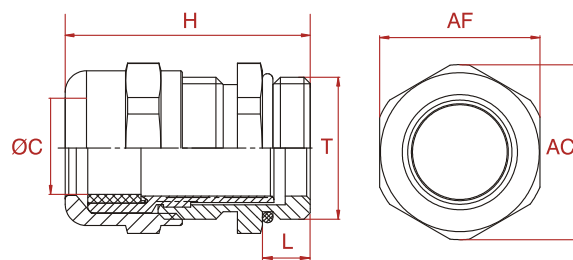
Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11119	Pg 7	3 - 6.5	5	24	100	14	15.5
01 17 11087	Pg 9	4 - 8	6	29	100	17	19
01 17 11088	Pg 11	5 - 10	6	29.5	50	20	22
01 17 11089	Pg 13.5	6 - 12	6.5	31.5	50	22	24.3
01 17 11090	Pg 16	10 - 14	6.5	31.5	50	24	26.5
01 17 11091	Pg 21	13 - 18	7	34	50	30	33.4
01 17 11092	Pg 29	18 - 25	8	39	25	40	43.4
01 17 11093	Pg 36	24 - 32	10	44	10	50	50
01 17 11120	Pg 42	30 - 38	12	48	5	57	57
01 17 11121	Pg 48	34 - 44	14	51.5	5	64	64

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11122	Pg 7	3 - 6.5	15	24	100	14	15.5
01 17 11123	Pg 9	4 - 8	15	29	100	17	19
01 17 11124	Pg 11	5 - 10	15	29.5	50	20	22
01 17 11125	Pg 13.5	6 - 12	15	31.5	50	22	24.3
01 17 11126	Pg 16	10 - 14	15	31.5	50	24	26.5
01 17 11127	Pg 21	13 - 18	15	34	50	30	33.4
01 17 11128	Pg 29	18 - 25	15	39	25	40	43.4

CABLE GLANDS - EMC

(With Electromagnetic Compatibility for Shielded Cables)

BRASS



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

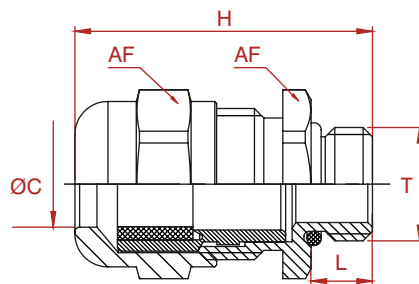
Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	UL 514B
Pitch	1.5 mm
UL File No.	E466603
Approvals	

Cable Glands - Standard Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11017	M 12	3 - 6	5	25	100	14	15.5
01 17 11018	M 16	5 - 9	5	30	100	18	20
01 17 11019	M 20	9 - 13	6	33.5	50	22	24
01 17 11020	M 25	11 - 16	7	36.5	50	27	30
01 17 11021	M 32	14 - 21	8	38	25	34	36
01 17 11022	M 40	19 - 27	8	41	10	43	47.5
01 17 11023	M 50	24 - 35	9	49.5	5	55	60
01 17 11024	M 63	32 - 42	10	52.5	5	65	70

Cable Glands - Long Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Across Corners
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	AC (mm)
01 17 11025	M 12	3 - 6	10	30	100	14	15.5
01 17 11026	M 16	5 - 9	10	35	100	18	20
01 17 11027	M 20	9 - 13	10	37.5	50	22	24
01 17 11028	M 25	11 - 16	11	40.5	50	27	30
01 17 11029	M 32	14 - 21	13	43	25	34	36
01 17 11030	M 40	19 - 27	13	46	10	43	47.5
01 17 11031	M 50	24 - 35	14	54.5	5	55	60
01 17 11032	M 63	32 - 42	14	56.5	5	65	70

CABLE GLANDS - COMBINATION TYPE



Properties

Dome Nut	Nickel Plated Brass
Gland Body	Nickel Plated Brass
Sealing Ring	Nitrile Rubber NBR
Flat / O Ring	Nitrile Rubber NBR
Temperature Range	-20°C / +100°C

Technical Data

Connecting Thread	Pg to Metric & Metric to Metric
Protection Grade	IP 68
Test Standard	UL 514B
UL File No.	E466603

Approvals



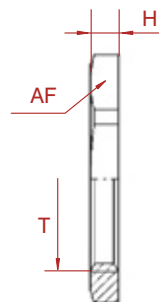
BRASS

Cable Glands - Combination Type						Hexagonal Dimensions
Article No.	External Thread / Entry Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flat
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 17 11117 *	Pg 11 / M 16	5 - 10	6	29	100	20
01 17 11110	M 12 / M 16	5 - 8	6.5	31.5	100	18
01 17 11111	M 16 / M 20	9 - 12	5	32.5	50	22
01 17 11112	M 20 / M 25	11 - 16	6	35.5	50	27
01 17 11113	M 25 / M 32	14 - 21	7	37	25	34
01 17 11114	M 32 / M 40	19 - 27	8	41	10	43

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - NORMAL (METRIC & Pg)

BRASS



Properties

Dome Nut	Nickel Plated Brass
Temperature Range	Up to 100°C
Thread	Metric and Pg

Hexagonal Locknuts - Metric Thread

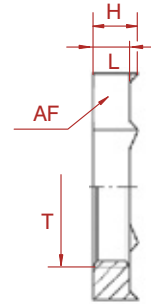
Article No.	External Thread	Across Flats	Height	Packet Size
	T	AF (mm)	H (mm)	(Pcs.)
01 17 11094	M 12	15	2.8	100
01 17 11095	M 16	19	2.8	100
01 17 11096	M 20	24	3	50
01 17 11097	M 25	30	3.5	50
01 17 11098	M 32	36	4	25
01 17 11099	M 40	46	5	10
01 17 11100	M 50	60	5	5
01 17 11101	M 63	70	6	5

Hexagonal Locknuts - Pg Thread

Article No.	External Thread	Across Flats	Height	Packet Size
	T	AF (mm)	H (mm)	(Pcs.)
01 09 00467	Pg 7	15	2.8	100
01 17 11102	Pg 9	18	2.8	100
01 17 11103	Pg 11	21	3	50
01 17 11104	Pg 13.5	23	3	50
01 17 11105	Pg 16	26	3	50
01 17 11106	Pg 21	32	3.5	50
01 17 11107	Pg 29	41	4	25
01 17 11108	Pg 36	51	5	10
01 09 01049	Pg 42	65	5	5
01 09 00475	Pg 48	69	5.5	5

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - EMC (METRIC)



Properties

Dome Nut
Temperature Range
Thread

Nickel Plated Brass
Up to 100°C
Metric

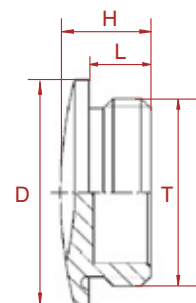
BRASS

Hexagonal Locknuts - Metric Thread

Article No.	External Thread	Thread Length	Across Flats	Height	Packet Size
	T	L (mm)	AF (mm)	H (mm)	(Pcs.)
01 09 00534	M 12	4.5	15	5.5	100
01 09 01050	M 16	4.5	19	5.5	100
01 09 00553	M 20	4.5	24	5.5	50
01 09 00554	M 25	4.5	30	5.5	50
01 09 00555	M 32	4.5	36	5.5	25
01 09 00556	M 40	5	46	6	10
01 09 00904	M 50	5	60	6	5
01 09 00035	M 63	6	70	7	5

SCREW PLUG

BRASS



Properties

Screw Plug	Nickel Plated Brass
Protection Grade	IP 54
Temperature Range	up to +200°C

Technical Data

Available with O Ring for increased protection grade.

For secure sealing of unused threaded or clearance holes.

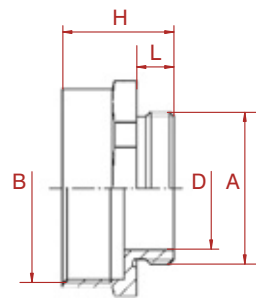
Screw Plug - Metric Thread

Article No.	External Thread	Entry Thread Length	Height	Diameter	Packet Size
	T	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 00036	M 12	5	8	16	100
01 09 00037	M 16	6	9	20	100
01 09 00038	M 20	6.5	9.5	24	100
01 09 00039	M 25	7	11	28	100
01 09 01081	M 32	8	12	35	50
01 09 00110	M 40	8	12	45	50
01 09 00111	M 50	9	15	55	25
01 09 00040	M 63	10	16	68	25

Screw Plug - Pg Thread

Article No.	External Thread	Entry Thread Length	Height	Diameter	Packet Size
	T	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01082	Pg 7	5	8	14	100
01 09 00995	Pg 9	6	9	17	100
01 09 00931	Pg 11	6	9	20	100
01 09 00932	Pg 13.5	6.5	9.5	22	100
01 09 00116	Pg 16	6.5	9.5	24	100
01 09 00117	Pg 21	7	11	30	100
01 09 00934	Pg 29	8	12	39	50
01 09 01084	Pg 36	9	15	50	50
01 09 01085	Pg 42	10	16	57	25
01 09 01086	Pg 48	10	16	64	25

ENLARGER



Properties

Enlarger
Temperature Range
Nickel Plated Brass
Up to +200°C

Technical Data

Enlarger of threaded or clearance holes to larger thread sizes.

BRASS

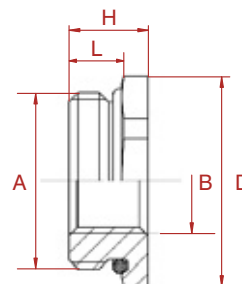
Enlarger - Metric Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	
01 09 00292	M 12/16	M 12	M 16	5	16	8	100
01 09 00144	M 16/20	M 16	M 20	5	16.5	12	100
01 09 00145	M 20/25	M 20	M 25	6	18.5	15	100
01 09 00146	M 25/32	M 25	M 32	7	20.5	21	100
01 09 00147	M 32/40	M 32	M 40	8	23.5	36	50
01 09 00148	M 40/50	M 40	M 50	8	30	34	50
01 09 00149	M 50/63	M 50	M 63	9	32.5	44	25

Enlarger - Pg Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	
01 09 00150	Pg 7 / 9	Pg 7	Pg 9	5	15	10	100
01 09 01098	Pg 9 / 11	Pg 9	Pg 11	6	16.5	12	100
01 09 00151	Pg 9 / 13	Pg 9	Pg 13.5	6	17.5	12	100
01 09 01146	Pg 11/13	Pg 11	Pg 13.5	6	17.5	15	100
01 09 01147	Pg 11/16	Pg 11	Pg 16	6.5	19	15	100
01 09 00152	Pg 11/21	Pg 11	Pg 21	6.5	21	15	100
01 09 00153	Pg 13/16	Pg 13.5	Pg 16	6.5	19	17	100
01 09 00154	Pg 13/21	Pg 13.5	Pg 21	6.5	21	17	100
01 09 00053	Pg 16/21	Pg 16	Pg 21	6.5	21	18.5	100
01 09 00155	Pg 16/29	Pg 16	Pg 29	6.5	22.5	18.5	50
01 09 00054	Pg 21/29	Pg 21	Pg 29	7	23	24	50
01 09 00156	Pg 29/36	Pg 29	Pg 36	8	27.5	32	50
01 09 00157	Pg 36/42	Pg 36	Pg 42	9	31	42	25
01 09 00293	Pg 42/48	Pg 42	Pg 48	10	33	48	25

REDUCER



Properties

Dome Nut

Temperature Range

Nickel Plated Brass

up to +200°C

Technical Data

Reduction of threaded or clearance holes to smaller thread sizes.

Reducer - Metric Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 00122	M 16/12	M 16	M 12	6	8.5	20	100
01 09 00123	M 20/12	M 20	M 12	6.5	9	24	100
01 09 00124	M 20/16	M 20	M 16	6.5	9	24	100
01 09 00125	M 25/16	M 25	M 16	7	10	30	100
01 09 00126	M 25/20	M 25	M 20	7	10	30	100
01 09 01137	M 32/20	M 32	M 20	8	11.5	39	100
01 09 00128	M 32/25	M 32	M 25	8	11.5	39	100
01 09 00129	M 40/25	M 40	M 25	9	12.5	50	50
01 09 00130	M 40/32	M 40	M 32	9	12.5	50	50
01 09 00131	M 50/32	M 50	M 32	10	14	57	25
01 09 00132	M 50/40	M 50	M 40	10	14	57	25
01 09 00133	M 63/40	M 63	M 40	10	14	70	10
01 09 00291	M 63/50	M 63	M 50	10	14	70	10

Reducer - Pg Thread

Article No.	External Thread	Size	Size	Length	Height	Diameter	Packet Size
	T	A	B	L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01004	Pg 9 / 7	Pg 9	Pg 7	6	8.5	17	100
01 09 01005	Pg 11 / 7	Pg 11	Pg 7	6	8.5	20	100
01 09 01006	Pg 11 / 9	Pg 11	Pg 9	6	8.5	20	100
01 09 01007	Pg 13 / 9	Pg 13.5	Pg 9	6.5	9	22	100
01 09 00996	Pg 13 / 11	Pg 13.5	Pg 11	6.5	9	22	100
01 09 00135	Pg 16 / 9	Pg 16	Pg 9	6.5	9.5	24	100
01 09 00136	Pg 16 / 11	Pg 16	Pg 11	6.5	9.5	24	100
01 09 01008	Pg 16 / 13	Pg 16	Pg 13.5	6.5	9.5	24	100
01 09 01010	Pg 21 / 11	Pg 21	Pg 11	7	10	30	100
01 09 01009	Pg 21 / 13	Pg 21	Pg 13.5	7	10	30	100
01 09 00999	Pg 21 / 16	Pg 21	Pg 16	7	10	30	100
01 09 00137	Pg 29 / 16	Pg 29	Pg 16	8	11.5	39	50
01 09 00998	Pg 29 / 21	Pg 29	Pg 21	8	11.5	39	50
01 09 00139	Pg 36 / 21	Pg 36	Pg 21	9	12.5	50	50
01 09 00140	Pg 36 / 29	Pg 36	Pg 29	9	12.5	50	50
01 09 00141	Pg 42 / 36	Pg 42	Pg 36	10	14	57	25
01 09 00142	Pg 48 / 36	Pg 48	Pg 36	10	14	64	25

NOTES

BRASS

Cable Glands & Accessories - Polyamide



Key Features

- Complete range of sizes.
- Wide sealing and clamping range.
- Easy to install.
- Integrated anchorage.
- Metric and Pg thread available.
- Silver Grey, Light Grey and Black color.

Application Area

- Wind Energy
- Solar Energy
- Machine Manufacturers
- Panel Manufacturers
- Telecommunication
- Automobiles
- Transportation





Cable Glands & Accessories - Polyamide

18-25

Cable Glands - Polyamide

18-21

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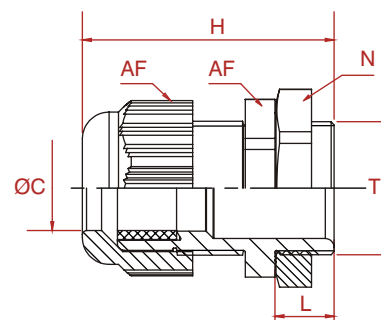
Accessories

23-25

Screw Plug	23
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CABLE GLANDS - POLYAMIDE

CABLE GLANDS - SILVER GREY COLOR (RAL 7001)



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



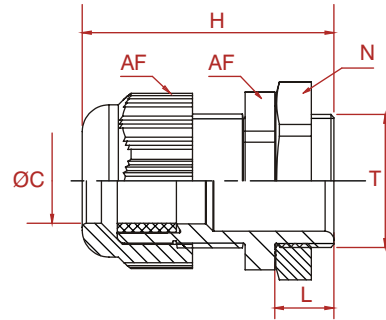
POLYAMIDE

Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11033	M 12	3 - 6	8	31	100	15	17
01 17 11034	M 16	5 - 10	8	35	100	20	22
01 17 11035	M 20	8 - 13	8	37	100	24	27
01 17 11036	M 25	11 - 17	10	44	50	29	32
01 17 11037	M 32	15 - 21	15	55	25	36	41
01 17 11038	M 40	19 - 28	15	58	20	46	50
01 17 11039	M 50	27 - 35	18	67	10	55	60
01 17 11040	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11057	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11058	Pg 9	4 - 8	8	34	100	19	22
01 17 11059	Pg 11	5 - 10	8	37	100	22	24
01 17 11060	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11061	Pg 16	10 - 14	10	42	50	27	30
01 17 11062	Pg 21	13 - 18	15	50	50	33	36
01 17 11063	Pg 29	18 - 25	15	56	25	42	46
01 17 11064	Pg 36	22 - 32	15	65	10	53	60
01 17 11065	Pg 42	30 - 38	18	70	5	60	65
01 17 11066	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - LIGHT GREY COLOR (RAL 7035)



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	Pg as per DIN 40430
Test Standard	IP 68
UL File No.	IEC / EN 50262
Approvals	



POLYAMIDE

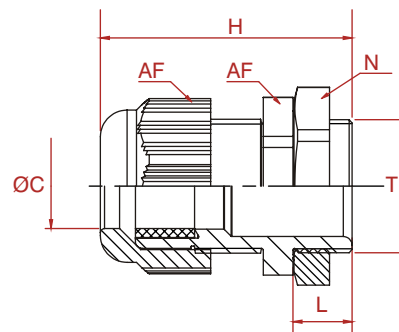
Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11041	M 12	3 - 6	8	31	100	15	17
01 17 11042	M 16	5 - 10	8	35	100	20	22
01 17 11043	M 20	8 - 13	8	37	100	24	27
01 17 11044	M 25	11 - 17	10	44	50	29	32
01 17 11045	M 32	15 - 21	15	55	25	36	41
01 17 11046	M 40	19 - 28	15	58	20	46	50
01 17 11047	M 50	27 - 35	18	67	10	55	60
01 17 11048	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11067	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11068	Pg 9	4 - 8	8	34	100	19	22
01 17 11069	Pg 11	5 - 10	8	37	100	22	24
01 17 11070	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11071	Pg 16	10 - 14	10	42	50	27	30
01 17 11072	Pg 21	13 - 18	15	50	50	33	36
01 17 11073	Pg 29	18 - 25	15	56	25	42	46
01 17 11074	Pg 36	22 - 32	15	65	10	53	60
01 17 11075	Pg 42	30 - 38	18	70	5	60	65
01 17 11076	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - BLACK COLOR (RAL 9005)

Available with Lock Nuts



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
	Pg as per DIN 40430
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	
Approvals	



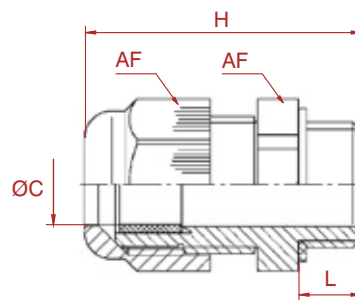
POLYAMIDE

Cable Glands - Metric Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11049	M 12	3 - 6	8	31	100	15	17
01 17 11050	M 16	5 - 10	8	35	100	20	22
01 17 11051	M 20	8 - 13	8	37	100	24	27
01 17 11052	M 25	11 - 17	10	44	50	29	32
01 17 11053	M 32	15 - 21	15	55	25	36	41
01 17 11054	M 40	19 - 28	15	58	20	46	50
01 17 11055	M 50	27 - 35	18	67	10	55	60
01 17 11056	M 63	32 - 42	18	71	5	68	75

Cable Glands - Pg Thread						Hexagonal Dimensions	
Article No.	External Thread	Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats	Locknut
	T	ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)	N (mm)
01 17 11077	Pg 7	3 - 6.5	8	31	100	15	19
01 17 11078	Pg 9	4 - 8	8	34	100	19	22
01 17 11079	Pg 11	5 - 10	8	37	100	22	24
01 17 11080	Pg 13.5	6 - 12	9	39	100	24	27
01 17 11081	Pg 16	10 - 14	10	42	50	27	30
01 17 11082	Pg 21	13 - 18	15	50	50	33	36
01 17 11083	Pg 29	18 - 25	15	56	25	42	46
01 17 11084	Pg 36	22 - 32	15	65	10	53	60
01 17 11085	Pg 42	30 - 38	18	70	5	60	65
01 17 11086	Pg 48	34 - 44	18	71	5	65	70

CABLE GLANDS - POLYAMIDE

CABLE GLANDS - COMBINATION TYPE



Properties

Dome Nut	Polyamide PA6-V2
Gland Body	Polyamide PA6-V2
Flat / O Ring	Nitrile Rubber NBR
Sealing Ring	Nitrile Rubber NBR
Temperature Range	-20°C to +100°C

Technical Data

Connecting Thread	Metric as per EN 60423
Protection Grade	IP 68
Test Standard	IEC / EN 50262
UL File No.	

Approvals

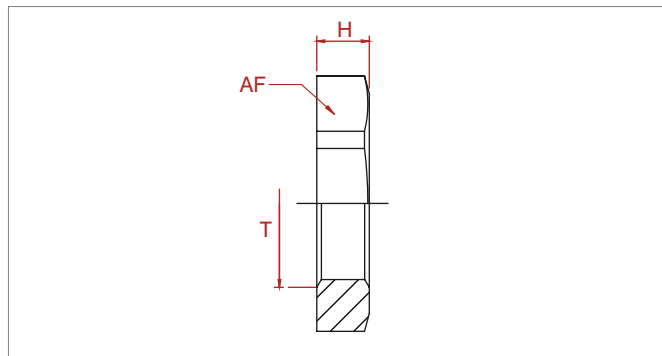


POLYAMIDE

Cable Glands - Combination Type							Hexagonal Dimensions
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Silver Grey Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 00495	Pg 11 / M 16	PA 7001	5 - 10	15	44	100	22
01 09 00496	Pg 13 / M 20	PA 7001	6 - 12	11	41.5	100	24
01 09 00492	Pg 16 / M 20	PA 7001	10 - 14	15	47.5	50	27
01 09 00497	Pg 21 / M 25	PA 7001	13 - 18	15	52	50	33
01 09 00458	Pg 29 / M 32	PA 7001	18 - 25	15	57	25	42
01 09 00460	Pg 42 / M 50	PA 7001	30 - 38	18	73.5	5	60
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Light Grey Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01203	Pg 11 / M 16	PA 7035	5 - 10	15	44	100	22
01 09 01204	Pg 13 / M 20	PA 7035	6 - 12	11	41.5	100	24
01 09 01205	Pg 16 / M 20	PA 7035	10 - 14	15	47.5	50	27
01 09 01206	Pg 21 / M 25	PA 7035	13 - 18	15	52	50	33
01 09 01207	Pg 29 / M 32	PA 7035	18 - 25	15	57	25	42
01 09 01208	Pg 42 / M 50	PA 7035	30 - 38	18	73.5	5	60
Article No.	External Thread / Entry Thread		Clamping Range	Entry Thread Length	Height	Packet Size	Across Flats
	Black Color		ØC (mm)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 00542	Pg 11 / M 16	PA 9005	5 - 10	15	44	100	22
01 09 00450	Pg 13 / M 20	PA 9005	6 - 12	11	41.5	100	24
01 09 00485	Pg 16 / M 20	PA 9005	10 - 14	15	47.5	50	27
01 09 00541	Pg 21 / M 25	PA 9005	13 - 18	15	52	50	33
01 09 00486	Pg 29 / M 32	PA 9005	18 - 25	15	57	25	42
01 09 00487	Pg 42 / M 50	PA 9005	30 - 38	18	73.5	5	60

HEXAGONAL LOCKNUTS

HEXAGONAL LOCKNUTS - NORMAL (METRIC & Pg)



Properties

Dome Nut	Polyamide PA6-V2
Temperature Range	-20°C / +100°C
Thread	Metric and Pg
Color	RAL 7001, RAL 7035, RAL 9005

POLYAMIDE

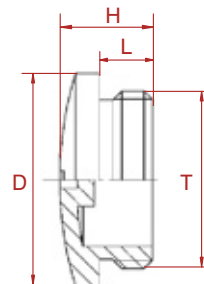
Hexagonal Locknut - Metric Thread

Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Packet Size
						(Pcs.)
01 17 04373	M 12 PA 7001	01 17 04391	M 12 PA 7035	01 17 04359	M 12 PA 9005	100
01 17 04374	M 16 PA 7001	01 17 04392	M 16 PA 7035	01 17 04017	M 16 PA 9005	100
01 17 04375	M 20 PA 7001	01 17 04393	M 20 PA 7035	01 17 04018	M 20 PA 9005	100
01 17 04376	M 25 PA 7001	01 17 04394	M 25 PA 7035	01 17 04021	M 25 PA 9005	100
01 17 04377	M 32 PA 7001	01 17 04395	M 32 PA 7035	01 17 04022	M 32 PA 9005	100
01 17 04378	M 40 PA 7001	01 17 04396	M 40 PA 7035	01 17 04360	M 40 PA 9005	50
01 17 04379	M 50 PA 7001	01 17 04397	M 50 PA 7035	01 17 04361	M 50 PA 9005	50
01 17 04380	M 63 PA 7001	01 17 04398	M 63 PA 7035	01 17 04362	M 63 PA 9005	50

Hexagonal Locknut - Pg Thread

Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Article No.	Entry Thread / Color	Packet Size
						(Pcs.)
01 17 04363	Pg 7 PA 7001	01 17 04381	Pg 7 PA 7035	01 17 04353	Pg 7 PA 9005	100
01 17 04364	Pg 9 PA 7001	01 17 04382	Pg 9 PA 7035	01 17 04015	Pg 9 PA 9005	100
01 17 04365	Pg 11 PA 7001	01 17 04383	Pg 11 PA 7035	01 17 04016	Pg 11 PA 9005	100
01 17 04366	Pg 13.5 PA 7001	01 17 04384	Pg 13.5 PA 7035	01 17 04019	Pg 13.5 PA 9005	100
01 17 04367	Pg 16 PA 7001	01 17 04385	Pg 16 PA 7035	01 17 04020	Pg 16 PA 9005	100
01 17 04368	Pg 21 PA 7001	01 17 04386	Pg 21 PA 7035	01 17 04354	Pg 21 PA 9005	100
01 17 04369	Pg 29 PA 7001	01 17 04387	Pg 29 PA 7035	01 17 04355	Pg 29 PA 9005	100
01 17 04370	Pg 36 PA 7001	01 17 04388	Pg 36 PA 7035	01 17 04356	Pg 36 PA 9005	50
01 17 04371	Pg 42 PA 7001	01 17 04389	Pg 42 PA 7035	01 17 04357	Pg 42 PA 9005	50
01 17 04372	Pg 48 PA 7001	01 17 04390	Pg 48 PA 7035	01 17 04358	Pg 48 PA 9005	50

SCREW PLUG



Properties

Material	Polyamide PA6 GF 30
Temperature Range	-30°C / +80°C
Protection Grade	IP 54
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

For secure sealing of unused threaded or clearance holes.

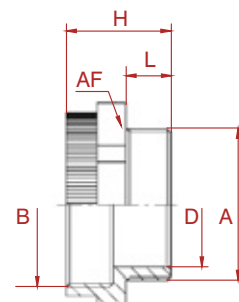
Screw Plug - Metric Thread

Screw Plug - Metric Thread									
Article No.	External Thread Silver Grey Color		Article No.	External Thread Light Grey Color		Thread Length	Height	Diameter	Packet Size
	T			T		L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01011	M 12	PA 7001	01 09 00271	M 12	PA 7035	6	10	15	100
01 09 01012	M 16	PA 7001	01 09 00272	M 16	PA 7035	6	10.5	20	100
01 09 00269	M 20	PA 7001	01 09 00273	M 20	PA 7035	6	10.5	24	100
01 09 00270	M 25	PA 7001	01 09 00274	M 25	PA 7035	8	13	30	100
01 09 01013	M 32	PA 7001	01 09 00275	M 32	PA 7035	8	13.5	37	50
01 09 00264	M 40	PA 7001	01 09 00043	M 40	PA 7035	8	14	46	50
01 09 00265	M 50	PA 7001	01 09 00044	M 50	PA 7035	10	16.5	56	25
01 09 00143	M 63	PA 7001	01 09 00279	M 63	PA 7035	12	17	70	25

Screw Plug - Pg Thread

Screw Plug - Pg Thread									
Article No.	External Thread Silver Grey Color		Article No.	External Thread Light Grey Color		Thread Length	Height	Diameter	Packet Size
	T			T		L (mm)	H (mm)	D (mm)	(Pcs.)
01 09 01037	Pg 7	PA 7001	01 09 00112	Pg 7	PA 7035	6	10	15	100
01 09 01131	Pg 9	PA 7001	01 09 00630	Pg 9	PA 7035	6	10	19	100
01 09 01310	Pg 11	PA 7001	01 09 01001	Pg 11	PA 7035	6	10	22	100
01 09 01132	Pg 13	PA 7001	01 09 01003	Pg 13	PA 7035	6	10	25	100
01 09 01133	Pg 16	PA 7001	01 09 01002	Pg 16	PA 7035	6	10	27	100
01 09 01145	Pg 21	PA 7001	01 09 00276	Pg 21	PA 7035	8	12.5	33	100
01 17 04305	Pg 29	PA 7001	01 09 00277	Pg 29	PA 7035	8	13	44.5	50
01 17 04306	Pg 36	PA 7001	01 09 00278	Pg 36	PA 7035	10	15	55.5	50
01 09 01365	Pg 42	PA 7001	01 09 00042	Pg 42	PA 7035	10	15.5	62.5	25
01 09 01366	Pg 48	PA 7001	01 09 00280	Pg 48	PA 7035	12	17	69.5	25

ENLARGER



Properties

Material	Polyamide PA6
Temperature Range	-20°C / +100°C
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

Enlarger of threaded or clearance holes to larger threaded sizes.

POLYAMIDE

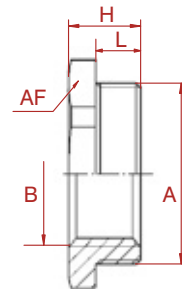
Enlarger - Metric Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Diameter	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	D (mm)	(Pcs.)	AF (mm)
01 09 00287	M 12	M 16	8	20.5	7	100	20
01 09 00288	M 16	M 20	8	20.5	11	100	24
01 09 00119	M 20	M 25	8	21	15	100	30
01 09 00289	M 25	M 32	8	23	19	100	37
01 09 00290	M 32	M 40	10	25	26	50	45

Enlarger - Pg Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Diameter	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	D (mm)	(Pcs.)	AF (mm)
01 09 01363	Pg 7	Pg 9	8	21	8.5	100	19
01 09 01172	Pg 9	Pg 11	8	23	10	100	22
01 09 01125	Pg 11	Pg 13.5	8	23	13.5	100	24
01 09 01147	Pg 11	Pg 16	8	24.5	12.5	100	27
01 09 00370	Pg 13.5	Pg 16	9	26	15	100	27
01 09 01218	Pg 16	Pg 21	9	29	16	100	32
01 09 01347	Pg 21	Pg 29	10	32	22.5	50	42
01 09 01348	Pg 29	Pg 36	11	35.5	30.5	50	53
01 09 01349	Pg 36	Pg 42	13	40.5	39.5	25	60
01 09 00374	Pg 42	Pg 48	13	41	45.5	25	65

REDUCER



Properties

Material	Polyamide PA6
Temperature Range	-30°C / +80°C
Color	RAL 7001, RAL 7035, RAL 9005

Technical Data

Reduction of threaded or clearance holes to smaller thread sizes.

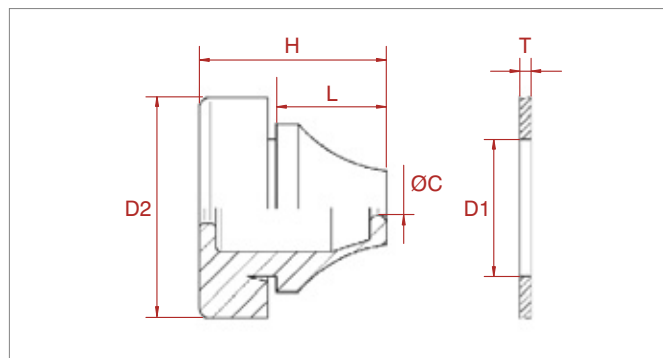
Reducer - Metric Thread

Article No.	Entry Thread	External Thread	Thread Length	Height	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01364	M 16	M 12	8	12	100	24
01 09 01312	M 20	M 12	8	12	100	24
01 09 01090	M 20	M 16	8	12	100	24
01 09 01139	M 25	M 16	8	14	100	29
01 09 00311	M 25	M 20	8	14	100	29
01 09 01094	M 32	M 20	10	16	100	36
01 09 01287	M 32	M 25	10	16	100	36
01 09 01096	M 40	M 25	10	16	50	46
01 09 01328	M 40	M 32	10	16	50	55
01 09 01330	M 50	M 40	12	18	25	55

Reducer - Pg Thread

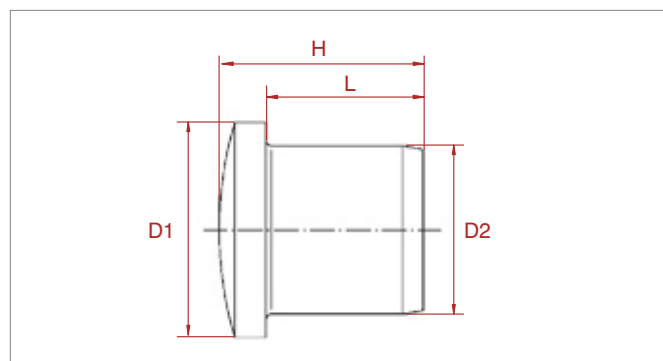
Article No.	Entry Thread	External Thread	Thread Length	Height	Packet Size	Across Flat
	(A)	(B)	L (mm)	H (mm)	(Pcs.)	AF (mm)
01 09 01035	Pg 9	Pg 7	8	20.5	100	19
01 09 01224	Pg 11	Pg 7	8	14	100	22
01 09 01036	Pg 11	Pg 9	8	22.5	100	22
01 09 00323	Pg 13.5	Pg 9	9	15	100	24
01 09 01304	Pg 13.5	Pg 11	9	24	100	24
01 09 00325	Pg 16	Pg 9	10	16	100	27
01 09 00326	Pg 16	Pg 11	10	16	100	27
01 09 00327	Pg 16	Pg 13.5	10	27	100	27
01 09 01128	Pg 21	Pg 11	11	16	100	32
01 09 00328	Pg 21	Pg 13.5	11	16	100	32
01 09 00329	Pg 21	Pg 16	11	16	100	32
01 09 00137	Pg 29	Pg 16	11	17	50	40
01 09 01319	Pg 29	Pg 21	11	17	50	40
01 09 01350	Pg 36	Pg 21	13	19	50	50
01 09 00332	Pg 36	Pg 29	18	24	50	50
01 09 01351	Pg 42	Pg 36	18	24	25	55
01 09 01352	Pg 48	Pg 36	14	20	25	60

SEALING GROMMET



Sealing Grommet									
Grey		Black		Diameter		Wall Thickness	Clamping Range	Length	Height
Article No.	Size	Article No.	Size	D1 (mm)	D2 (mm)	T (mm)	ØC (mm)	L (mm)	H (mm)
01 09 01353	M 16	01 09 01358	M 16	16.5	21	1 - 4	5 - 9	11	17.7
01 09 01354	M 20	01 09 01362	M 20	20.5	25.5	1 - 4	8 - 12	13.4	20
01 09 01355	M 25	01 09 01359	M 25	25.5	30.5	1 - 4	11 - 16	15.3	21.3
01 09 01356	M 32	01 09 01360	M 32	32.5	38.5	1 - 4	15 - 20	16.6	24.6
01 09 01357	M 40	01 09 01361	M 40	40.5	48.5	1 - 4	19 - 28	21.7	29.5

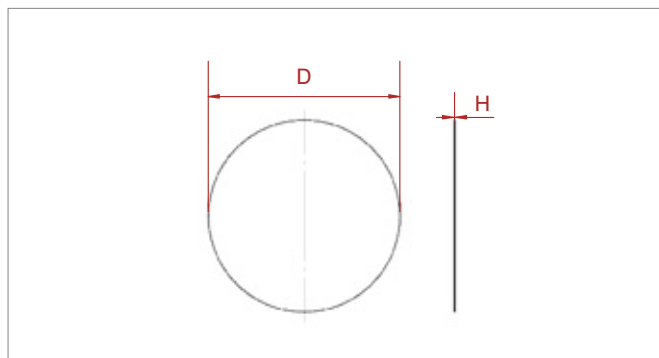
BLANKING PLUG



Blanking Plug					
Article No.	Size	Diameter	Diameter	Length	Height
		D1 (mm)	D2 (mm)	L (mm)	H (mm)
01 09 01153	M 12	10	5.5	9	12.5
01 09 01150	M 16	13.5	9.5	12	16
01 09 01151	M 20	16.5	12	12	16.5
01 09 01152	M 25	20.5	16	15	19.5
01 09 01154	M 32	24.5	20	17	21.5
01 09 00662	M 40	32	27	20	24
01 09 01156	M 50	39	35	25	29
01 09 01157	M 63	52	42	25	29

UNIVERSAL ACCESSORIES

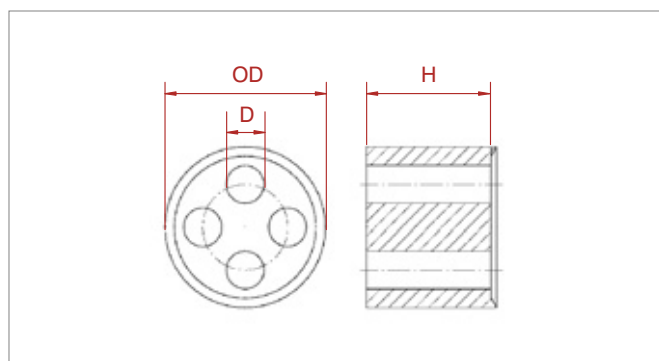
DUST CAP



Dust Cap

Article No.	Size	Height	Diameter
		H (mm)	D (mm)
01 09 00463	M 12	0.25	12.5
01 09 00464	M 16	0.25	16
01 09 00462	M 20	0.25	16.5
01 09 00465	M 25	0.25	19.5
01 09 00466	M 32	0.5	21.5
01 09 00461	M 40	0.5	24
01 09 00654	M 50	0.5	29

MULTIPLE INSERTS



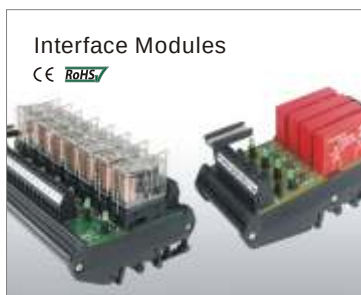
Multiple Inserts

Article No.	Size	No. of Holes x Hole Size	Height	Outside Diameter
		N x D (mm)	H (mm)	OD (mm)
01 09 01323	M 20	4 x 5	7.5	15.1
01 09 01344	M 25	4 x 6	9.3	19.8
01 09 01320	M 32	3 x 8	12.5	25.1
01 09 01339	M 32	4 x 7	12.5	25.1
01 09 01279	M 32	4 x 8	12.5	25.1
01 09 01343	M 40	5 x 8.5	15	32.3
01 09 01302	Pg 13.5	2 x 5	8.5	15.3
01 09 00832	Pg 13.5	2 x 6	8.5	15.3
01 09 00833	Pg 16	2 x 6	9	17.4
01 09 00834	Pg 21	2 x 9	11	22.2
01 09 00835	Pg 21	3 x 7	11	22.2
01 09 01334	Pg 29	8 x 5	13	29.8

NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. At the very top, there is a solid light blue rectangular bar. Below this bar, the page is filled with evenly spaced horizontal grey lines, providing a template for writing or drawing. The lines extend across the entire width of the page.

OTHER PRODUCT PROGRAMS



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TRULY INDUSTRIAL

DIN Rails

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DIN Rails

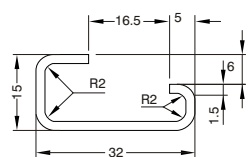


White passivated plus zinc
plated, for indoor installation

Thick layer passivated plus zinc
plated, for indoor and protected
outdoor installation

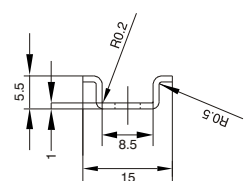
White passivated plus zinc
plated, for indoor installation

DIN 'G' Rail 32/15



Type	TDR2 (White)		TDR3 (Silver)		TBLS (White)	
Length	2 Meter	1 Meter	2 Meter	1 Meter	2 Meter	1 Meter
Article no. for Un-perforated	01 17 01128	01 17 01130	01 17 01124	01 17 01126	01 17 01132	01 17 01134
Article no. for Perforated - 15mm/M6 Screw width	01 17 01129	01 17 01131	01 17 01125	01 17 01127	01 17 01133	01 17 01135
Meters/Box	20	10	20	10	20	10
Box Size (L x H x W mm)	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87

DIN Rail 15/5.5



Type	TDR2 (White)		TDR3 (Silver)		TBLS (White)	
Length	2 Meter	1 Meter	2 Meter	1 Meter	2 Meter	1 Meter
Article no. for Un-perforated	01 17 00252	01 17 00253	01 17 00277	01 17 00278	01 17 00321	01 17 00322
Article no. for Perforated - 15mm/M4 Screw width	01 17 00254	01 17 00255	01 17 00279	01 17 00280	01 17 00323	01 17 00324
Meters/Box	80	40	80	40	80	40
Box Size (L x H x W mm)	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87

Features

- The design of the DIN rails complies with European standard EN 60715.
- Particular attention has been paid to a high degree of dimensional accuracy and surface tempering.
- All DIN rails are also available cut to length.

The DIN rails are available with various surface coatings and are suitable for the following installation :

- White passivated plus zinc plated, for indoor installation.
- Thick layer passivated plus zinc plated, for indoor and protected outdoor installation.
- Made of copper may be used as grounding bus bars (PE function) as well as neutral bus bar (PEN function).
- Available for M4, M5, M6 screw width.

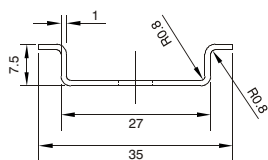
White passivated plus zinc plated, for indoor installation

Thick layer passivated plus zinc plated, for indoor and protected outdoor installation

White passivated plus zinc plated, for indoor installation

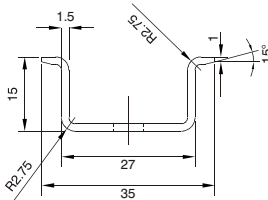
Made of copper may be used as grounding bus bars (PE function) as well as neutral bus bar (PEN function)

DIN Rail 35/7.5



Type	TDR2 (White)		TDR3 (Silver)		TBLS (White)		TDRC (Copper)	
Length	2 Meter	1 Meter	2 Meter	1 Meter	2 Meter	1 Meter	2 Meter	1 Meter
Article no. for Un-perforated	01 17 00256	01 17 00270	01 17 00281	01 17 00282	01 17 00329	01 17 00330	01 17 01208	01 17 01212
Article no. for Perforated - 15mm/M6 Screw width	01 17 00271	01 17 00272	01 17 00283	01 17 00284	01 17 00331	01 17 00332	01 17 01207	01 17 01211
Article no. for Perforated - 18mm/M6 Screw width	01 17 04455	01 17 04456	01 17 04453	01 17 04454	01 17 04988	01 17 04989		
Article no. for Perforated - 25mm/M5 Screw width	01 17 04872	01 17 04871	01 17 04874	01 17 04873	01 17 04868	01 17 04867		
Meters/Box	40	20	40	20	40	20	40	20
Box Size (L x H x W mm)	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87

DIN Rail 35/15

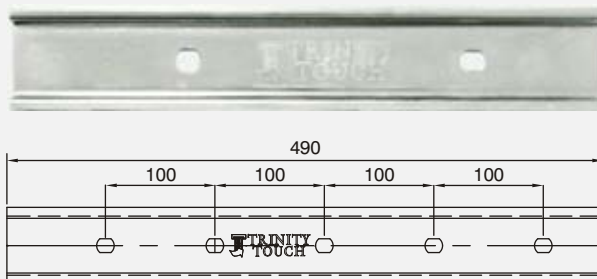


Type	TDR2 (White)		TDR3 (Silver)		TBLS (White)		TDRC (Copper)	
Length	2 Meter	1 Meter	2 Meter	1 Meter	2 Meter	1 Meter	2 Meter	1 Meter
Article no. for Un-perforated	01 17 00273	01 17 00274	01 17 00285	01 17 00286	01 17 00337	01 17 00338	01 17 01206	01 17 01210
Article no. for Perforated - 15mm/M6 Screw width	01 17 00275	01 17 00276	01 17 00287	01 17 00288	01 17 00339	01 17 00340	01 17 01205	01 17 01209
Meters/Box	20	10	20	10	20	10	20	10
Box Size (L x H x W mm)	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87	2010 x 40 x 90	1020 x 40 x 87

Customised DIN Rails

Application:

For pre design mounting
of MCB

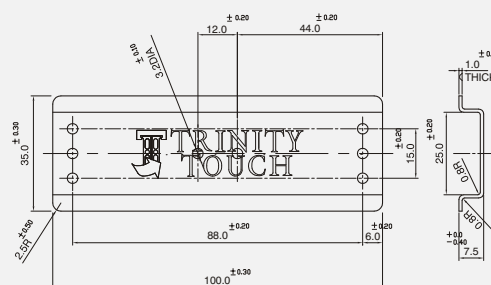


Application:

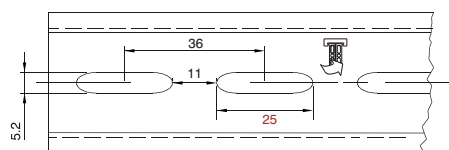
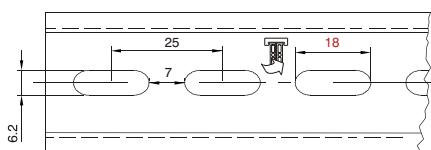
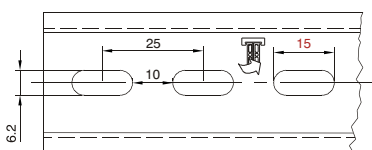
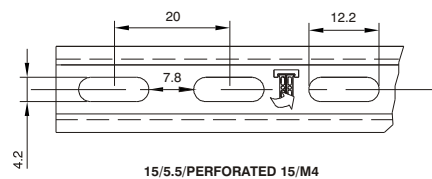
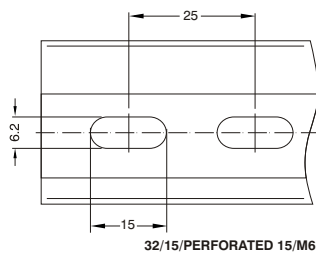
For pre design mounting
in custom enclosure

Application:

For customised
fastener



Perforation for Screw Width



Specifications of DIN Rails

Description	Units	TDR2	TDR3	TBLS	TDRC
Designed in accordance / similar to EN 60715		✓	✓	✓	✓
Base metal - cold rolled low carbon steel according to DIN EN 10130		✓	✓	✓	ETP grade copper
Electroplated coating of zinc according to DIN EN 12329		✓	✓	✓	Un-coated
Passivation according to DIN EN 12329		✓	✓	✓	
Electroplated coating Fe//Zn8//B		✓		✓	
Electroplated coating Fe//Zn12//C			✓		
Zinc layer thickness	µm	6~8	8~12	3~5	
Passivation film thickness	nm	200-400	300-400		
Colour appearance		Light iridescence (White)	Iridescence (Silver)		Copper coloured
NSS neutral salt spray White Rust (Minimum), Corrosion Stability	Hours	72	120	48	
NSS neutral salt spray Red Rust (Minimum), Corrosion Stability	Hours	120	240	72	
RoHS Compliances		✓	✓	✓	✓
CE Compliances		✓	✓		
May be used as grounding busbars (PE function) according to IEC 60947-7-2			✓		✓
Standard length	Meter	1 or 2	1 or 2	1 or 2	1 or 2
Availability in custom cut to length		✓	✓	✓	✓

Universal DIN Rail Cutter

Bench top profile cutter with five built in dies for manual cutting of common DIN rails to custom length. Tool is intended for use where multiple DIN rails are to be cut without changing the die.



Salient Features

- Long life of punch and side plates.
- Nickel-chrome plated handle.
- Ease of operation.
- Cuts in flash and without burr or deformation.
- Guide plate facilitates insertion of profile and provides rail support.
- Direct reading rail length indicator (Scale).
- Common cutting die for 32/15, 35/7.5, 35/15, 15/5.5 DIN Rails as well as neutral busbars NLS CU 3/10.

Description	Type	Article No.	Pkt.
Profile cutter, with inch/mm measuring bar	PC Series 1-I/M	01 17 00269	1

OTHER PRODUCT PROGRAMS



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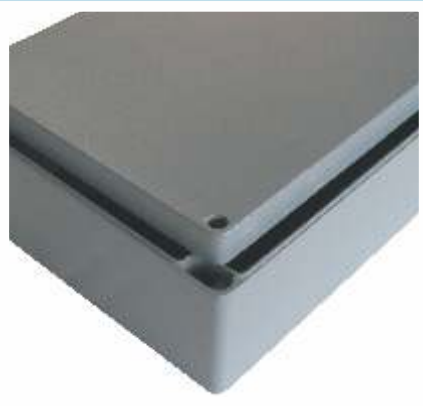
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ENCLOSURE PROGRAM

ALUMINIUM ENCLOSURES



SIMPLY SOLUTIONS

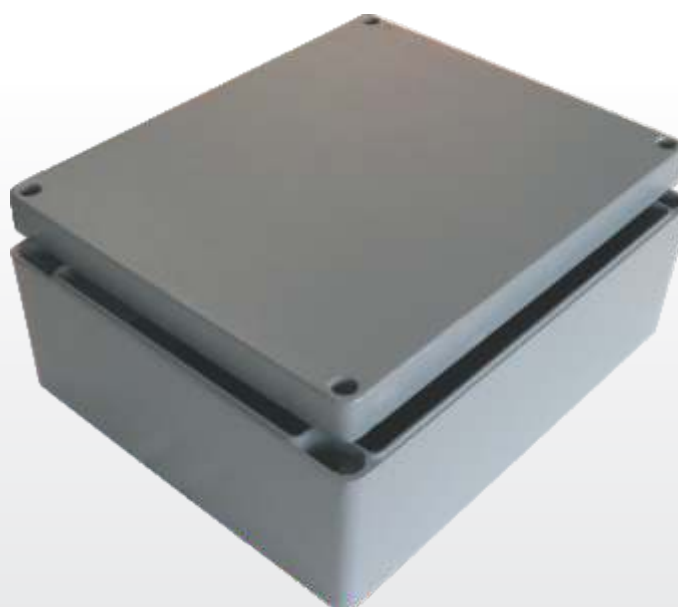
Aluminium Enclosures

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NEW



Our Aluminium enclosures caters to a market which requires high strength, compact and robust enclosures. We use high quality Aluminium and provide IP 66/67/68 rating along with protection against mechanical impacts IK 09. A high quality gasket, well engineered screw make our Aluminium Enclosures a good solution for all the demand placed on the compact enclosures.



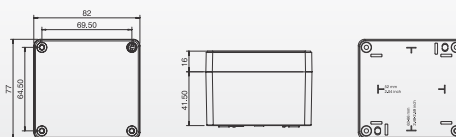
Technical Specifications

Description	Aluminium enclosure
Material & Reference Standard	EN AC 44300, DIN 1706 AlSi12 (Fe)
Colour	RAL 7001 / RAL 7035 optional colour also available on request
Surface Finish	Powder coated / Corrosion protection
LID Screw	Stainless steel 1.4301 (A2) captive type
Gasket Material	Polyurethane
Temperature Resistance (Continuous)	-40 - +70°C
Temperature Resistance (Short time)	-60 - +160°C
Ingress Protection	IP 66/67/68 as per IEC 60529
Impact Resistance	IK 09 as per IEC 62262

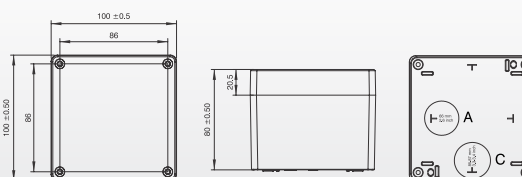
TRIBOX® Aluminium Enclosure Series



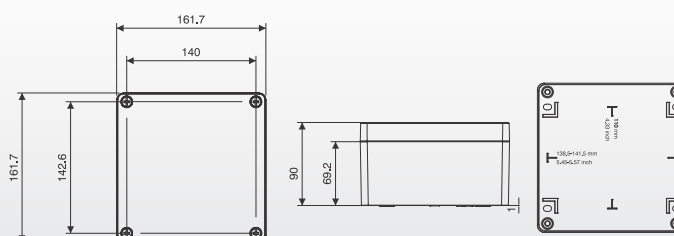
Article No.	Dimensions
01 17 05400	82 x 77 x 57 mm



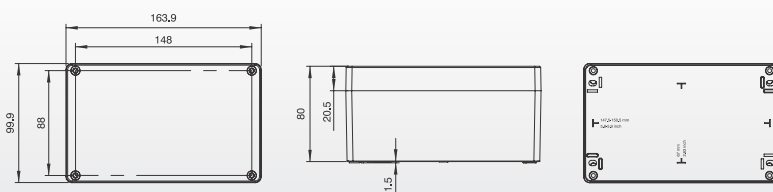
Article No.	Dimensions
01 17 06911	100 x 100 x 80 mm



Article No.	Dimensions
01 17 06105	160 x 160 x 91 mm

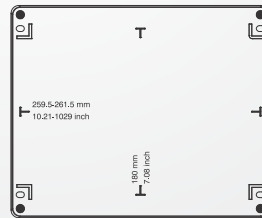
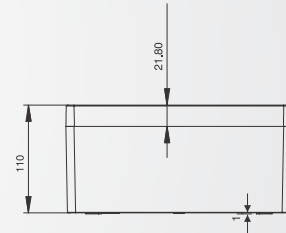
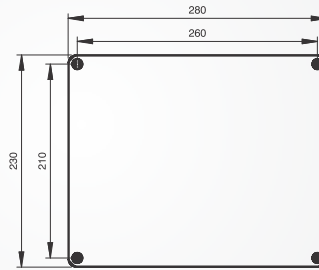


Article No.	Dimensions
01 17 06912	164 x 100 x 80 mm





Article No.	Dimensions
01 17 06095	280 x 230 x 111 mm



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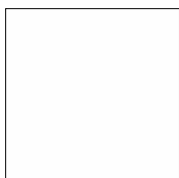
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Trinity Touch (South East Asia) Pte. Ltd.

SINGAPORE

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Enclosure Program

Thermoplastic Enclosures



TRIBOX™

CE RoHS✓

“Simply Solutions”

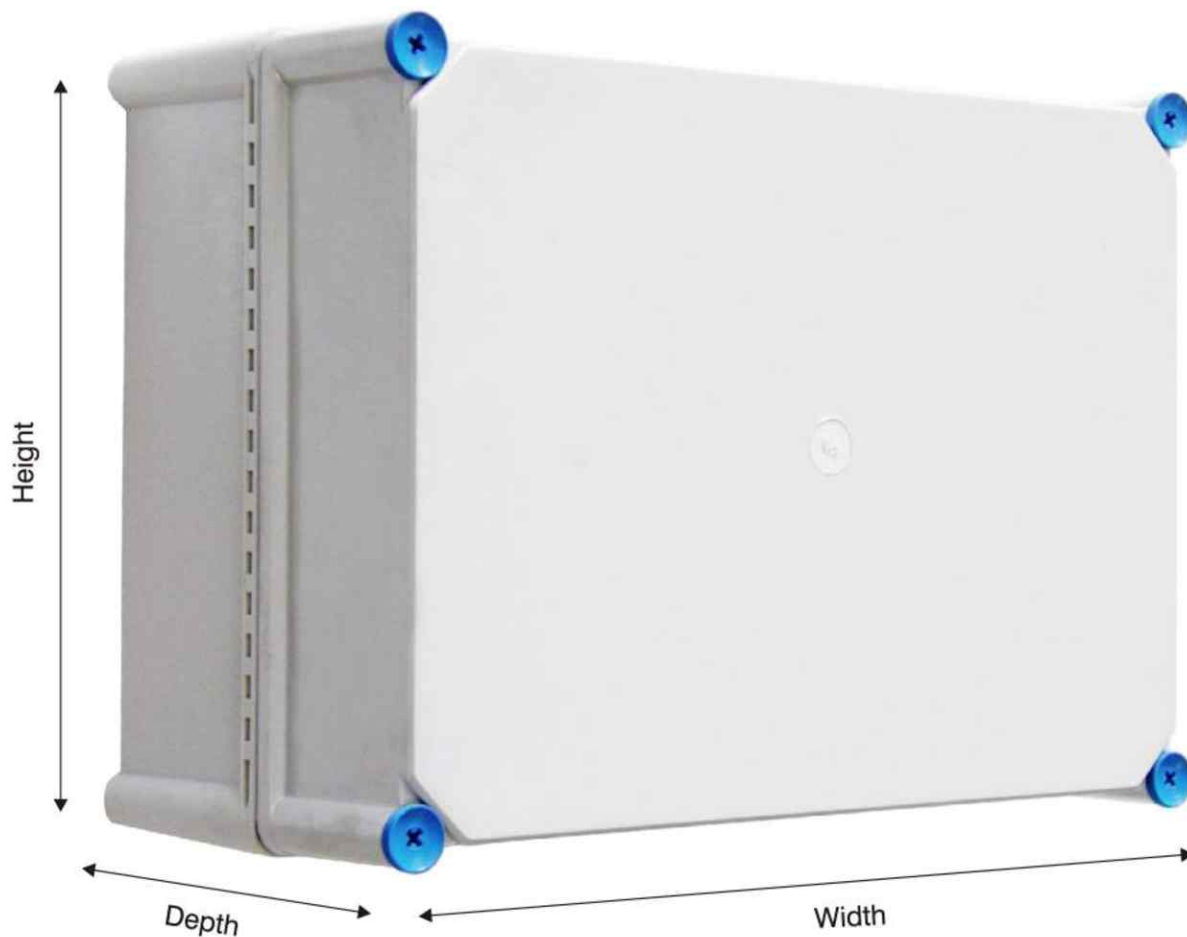




Thermoplastic Enclosures

TRIBOX[™]

Our Basic and Heavy Series caters to a market which requires compact and robust enclosures. We use a high quality ABS and Polycarbonate material and provide Ingress Protection IP 66/67 along with protection against mechanical impacts IK 07 for ABS and IK 08 for Polycarbonate. A High quality gasket, well engineered screws and tested box design make our Basic & Heavy series a good solution for all the demand placed on compact enclosures.



IP 66/67 **CE** **RoHS** ✓

Benefits

- Easy machining with normal tools.
- Easy colouring through pigmentation.
- Low weight.
- Good resistance to chemical attack.
- Excellent insulating properties.

Summary of **TRIBOX™** Series

Box Size	Dimension (W x H x D) mm	Material
Basic 0808 + Basic 0808 with K.O.	85 x 83 x 60	ABS or Polycarbonate
Basic 1010 + Basic 1010 with K.O.	102 x 100 x 60	ABS or Polycarbonate
Basic 1308	130 x 80 x 60	ABS or Polycarbonate
Basic 1313	130 x 130 x 75	ABS or Polycarbonate
Basic 1808	180 x 80 x 85	ABS or Polycarbonate
Basic 1813	180 x 130 x 100	ABS or Polycarbonate
Basic 1818	180 x 180 x 100	ABS or Polycarbonate
Basic 2708	270 x 80 x 85	ABS or Polycarbonate
Heavy 2819 13	280 x 190 x 130	ABS or Polycarbonate
Heavy 2819 17	280 x 190 x 170	ABS or Polycarbonate
Heavy 2828 13	280 x 280 x 130	ABS or Polycarbonate
Heavy 2828 17	280 x 280 x 175	ABS or Polycarbonate
Heavy 3819 13	380 x 190 x 130	ABS or Polycarbonate
Heavy 3828 13	380 x 280 x 130	ABS or Polycarbonate
Heavy 3828 17	380 x 280 x 175	ABS or Polycarbonate
Heavy 5638 18	560 x 380 x 180	ABS or Polycarbonate

Technical Information

Property	ABS	Polycarbonate
Ingress Protection(EN 60529)	IP 66/67	IP 66/67
Impact Resistance(EN 62262)	IK 07	IK 08
Temperature Range -Continuous	-20 to +60°C	-40 to +80°C
Electrical Insulation	Insulated	Insulated
Enclosure flammability rating	UL 94-HB	UL 94-V2
Glow wire test	650°C	960°C
Non-toxicity	Halogen free	Halogen free
UV resistance		500 Hrs (ISO 4892-2)
Conformity to standards		
Empty enclosure for low voltage switchgear	Y	IEC 62208
RoHS	Y	Y
CE		Y

Data subject to change without prior notice

Special Feature

Combination Units

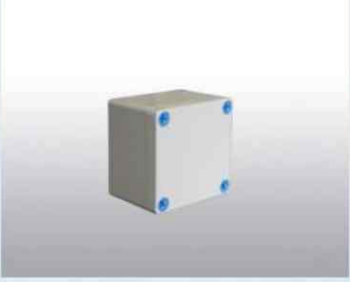
A bigger range and size can be achieved by using specially engineered combination system made by combining **TRIBOX** enclosures. It comprises of special set of heavy series **TRIBOX** enclosures.

The modular system is designed to achieve IP 65 protection which makes the system fit for outdoor use. Our modular system of enclosures is fit for use in low voltage switch gear.

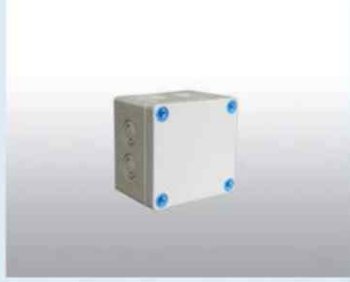


TRIBOX™ BASIC SERIES

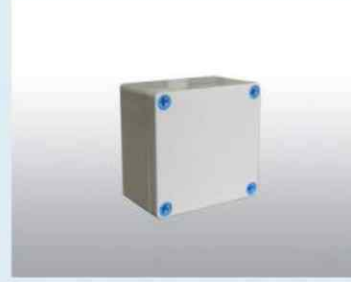
BASIC 0808 06G



BASIC 0808 06G (With K.O.)



BASIC 1010 06G



BASIC 1010 06G (With K.O.)



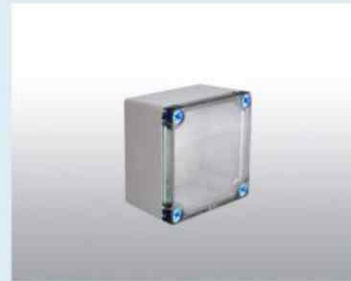
BASIC 0808 06T



BASIC 0808 06T (With K.O.)



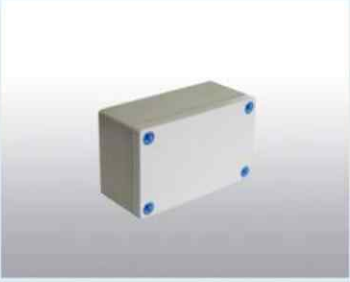
BASIC 1010 06T



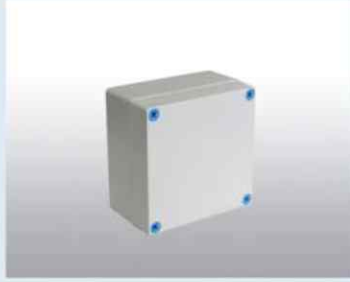
BASIC 1010 06T (With K.O.)



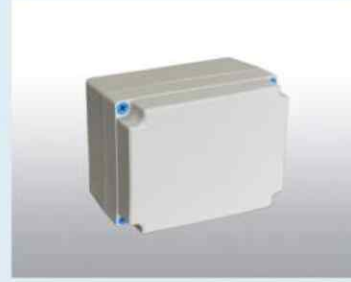
BASIC 1308 G



BASIC 1313 G



BASIC 1813 G



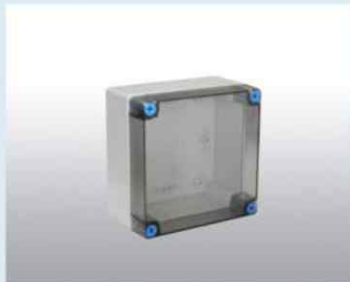
BASIC 1818 G



BASIC 1308 T



BASIC 1313 T



BASIC 1813 T



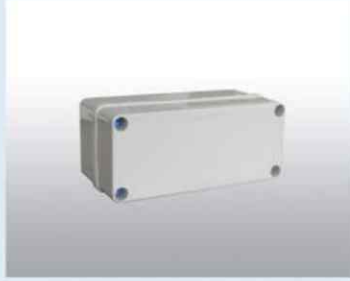
BASIC 1818 T



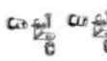
BASIC 2708 09G



BASIC 1808 09G



TRIBOX™ BASIC SERIES

Type	Article No.	Size (H X W X D) mm	 Mounting Plate	 Mounting Clamp	 Hinge	 Cover Screw
BA-ABS 0808 06G	01 17 03577	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-PC 0808 06G	01 17 03578	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-ABS 0808 06T	01 17 03579	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-PC 0808 06T	01 17 03580	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-ABS 0808 06G (With K.O.)	01 17 03581	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-PC 0808 06G (With K.O.)	01 17 03582	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-ABS 0808 06T (With K.O.)	01 17 03583	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-PC 0808 06T (With K.O.)	01 17 03584	85 X 83 X 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
BA-ABS 1010 06G	01 17 03585	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-PC 1010 06G	01 17 03586	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-ABS 1010 06T	01 17 03587	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-PC 1010 06T	01 17 03588	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-ABS 1010 06G (With K.O.)	01 17 03589	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-PC 1010 06G (With K.O.)	01 17 03590	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-ABS 1010 06T (With K.O.)	01 17 03591	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-PC 1010 06T (With K.O.)	01 17 03592	102 X 100 X 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
BA-ABS 1308G	01 17 00571	130 X 80 X 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
BA-PC 1308G	01 17 00594	130 X 80 X 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
BA-ABS 1308T	01 17 00586	130 X 80 X 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
BA-PC 1308T	01 17 00602	130 X 80 X 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
BA-ABS 1313G	01 17 00568	130 X 130 X 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
BA-PC 1313G	01 17 00591	130 X 130 X 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
BA-ABS 1313T	01 17 00583	130 X 130 X 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
BA-PC 1313T	01 17 00599	130 X 130 X 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
BA-ABS 1808 09G	01 17 03593	180 X 80 X 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
BA-PC 1808 09G	01 17 03594	180 X 80 X 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
BA-ABS 1808 09T	01 17 03595	180 X 80 X 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
BA-PC 1808 09T	01 17 03596	180 X 80 X 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
BA-ABS 1813G	01 17 00570	180 X 130 X 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
BA-PC 1813G	01 17 00593	180 X 130 X 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
BA-ABS 1813T	01 17 00585	180 X 130 X 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
BA-PC 1813T	01 17 00601	180 X 130 X 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
BA-ABS 1818G	01 17 00572	180 X 180 X 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
BA-PC 1818G	01 17 00595	180 X 180 X 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
BA-ABS 1818T	01 17 00587	180 X 180 X 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
BA-PC 1818T	01 17 00603	180 X 180 X 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
BA-ABS 2708 09G	01 17 03597	270 X 80 X 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911
BA-PC 2708 09G	01 17 03598	270 X 80 X 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911
BA-ABS 2708 09T	01 17 03599	270 X 80 X 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911
BA-PC 2708 09T	01 17 03600	270 X 80 X 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911

TRIBOX™ HEAVY SERIES

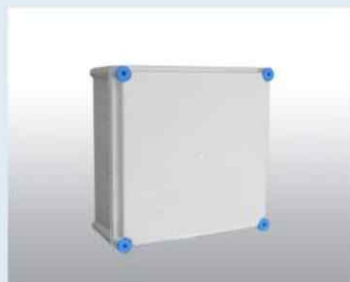
HEAVY 2819 13G



HEAVY 2819 17G



HEAVY 2828 13G



HEAVY 2828 17G



HEAVY 2819 13T



HEAVY 2819 17T



HEAVY 2828 13T



HEAVY 2828 17T



HEAVY 3828 13G



HEAVY 3828 17G



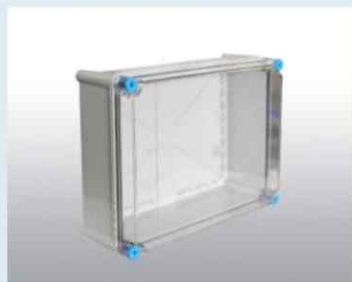
HEAVY 5638 18G



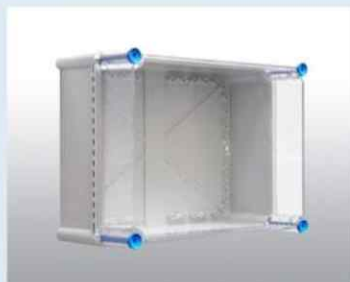
HEAVY 3819 13G



HEAVY 3828 13T



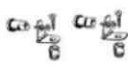
HEAVY 3828 17T



HEAVY 5638 18T



TRIBOX™ HEAVY SERIES

Type	Article No.	Size (H X W X D) mm	 Mounting Plate	 Mounting Clamp	 Hinge	 Cover Screw	 Window
HE-ABS 2819 13G	01 17 00569	280 X 190 X 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
HE-PC 2819 13G	01 17 00592	280 X 190 X 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
HE-ABS 2819 13T	01 17 00584	280 X 190 X 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
HE-PC 2819 13T	01 17 00600	280 X 190 X 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
HE-ABS 2819 17G	01 17 02287	280 X 190 X 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
HE-PC 2819 17G	01 17 02288	280 X 190 X 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
HE-ABS 2819 17T	01 17 02289	280 X 190 X 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
HE-PC 2819 17T	01 17 02290	280 X 190 X 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
HE-ABS 2828 13G	01 17 00580	280 X 280 X 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
HE-PC 2828 13G	01 17 00596	280 X 280 X 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
HE-ABS 2828 13T	01 17 00588	280 X 280 X 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
HE-PC 2828 13T	01 17 00604	280 X 280 X 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
HE-ABS 2828 17G	01 17 02291	280 X 280 X 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
HE-PC 2828 17G	01 17 02292	280 X 280 X 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
HE-ABS 2828 17T	01 17 02293	280 X 280 X 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
HE-PC 2828 17T	01 17 02294	280 X 280 X 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
HE-ABS 3819 13G	01 17 02738	380 X 190 X 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
HE-PC 3819 13G	01 17 02740	380 X 190 X 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
HE-ABS 3819 13T	01 17 02739	380 X 190 X 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
HE-PC 3819 13T	01 17 02741	380 X 190 X 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
HE-ABS 3828 13G	01 17 01190	380 X 280 X 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
HE-PC 3828 13G	01 17 01191	380 X 280 X 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
HE-ABS 3828 13T	01 17 01192	380 X 280 X 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
HE-PC 3828 13T	01 17 01193	380 X 280 X 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
HE-ABS 3828 17G	01 17 00581	380 X 280 X 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
HE-PC 3828 17G	01 17 00597	380 X 280 X 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
HE-ABS 3828 17T	01 17 00589	380 X 280 X 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
HE-PC 3828 17T	01 17 00605	380 X 280 X 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
HE-ABS 5638 18G	01 17 00582	560 X 380 X 180	01 17 00622	01 17 00623	01 17 00625	01 17 00913	01 17 00909
HE-PC 5638 18G	01 17 00598	560 X 380 X 180	01 17 00622	01 17 00623	01 17 00625	01 17 00913	01 17 00909
HE-ABS 5638 18T	01 17 00590	560 X 380 X 180	01 17 00622	01 17 00623	01 17 00625	01 17 00913	01 17 00909
HE-PC 5638 18T	01 17 00606	560 X 380 X 180	01 17 00622	01 17 00623	01 17 00625	01 17 00913	01 17 00909

Polycarbonate and ABS range has been designed to house and protect electrical and electronic components in hostile environments. Cover available are opaque or transparent "smoke grey". A selective range of accessories is also available including a hinged door lock, mounting plate & mounting clamps.

Dimensions of enclosures range from 85x83x60 mm to 560x380x180 mm.

Other Product Programs



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1800 2000 140

Trinity Touch (EUROPE) Ltd.

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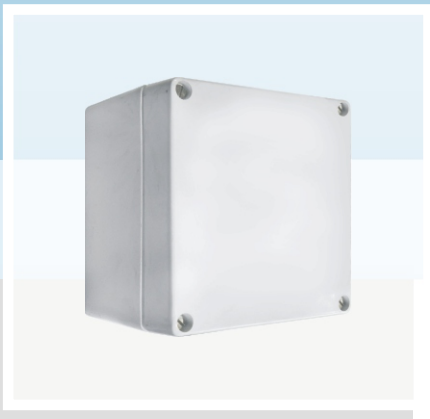
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E-mail: gbsales@trinitytouch.com

TRIBOX[®]

ENCLOSURE PROGRAM

FIBERGLASS REINFORCED POLYESTER ENCLOSURES



- NON-CORROSIVE
- NON-CONDUCTIVE
- HIGH STRENGTH



SIMPLY SOLUTIONS



Fiberglass Reinforced Polyester (FRP/GRP) Enclosures

TRIBOX[®]

NEW



Features

- Non-corrosive.
- Non-conductive.
- High strength.
- Easy to modify and longer life cycle compared to steel.
- Rigid design with back panel inserts plus stainless steel mounting brackets and a PU gasket system encased in a continuous channel on the cover.



Application

Enclose and protect electrical and electronic controls (LT panels, Solar, Metering etc.) instruments or components for indoor and outdoor applications. Especially well suited for extreme temperature and corrosive environments.

Product Description

Article No.	Type	Dimensions (WxHxD) mm	Additional Materials
01 17 06376	Heavy	850x700x300 mm	• 304 stainless steel external hardware (hinges, latches and fasteners) • 304 stainless steel mounting brackets • 304 stainless steel internal hardware
01 17 06378	Heavy	650x550x250 mm	
01 17 05596	Basic	122x122x90 mm	
Cover Type			Mounting
Metal snap latch hinged opaque cover			Stainless steel feet fastened to back side brass inserts
Color			Gasket
RAL 7035 - Grey			Polyurethane Formed-In-Place (FIP) gasket system
Material			UV Resistance
Fiberglass Reinforced Polyester (FRP/GRP)			≥2000 Hour

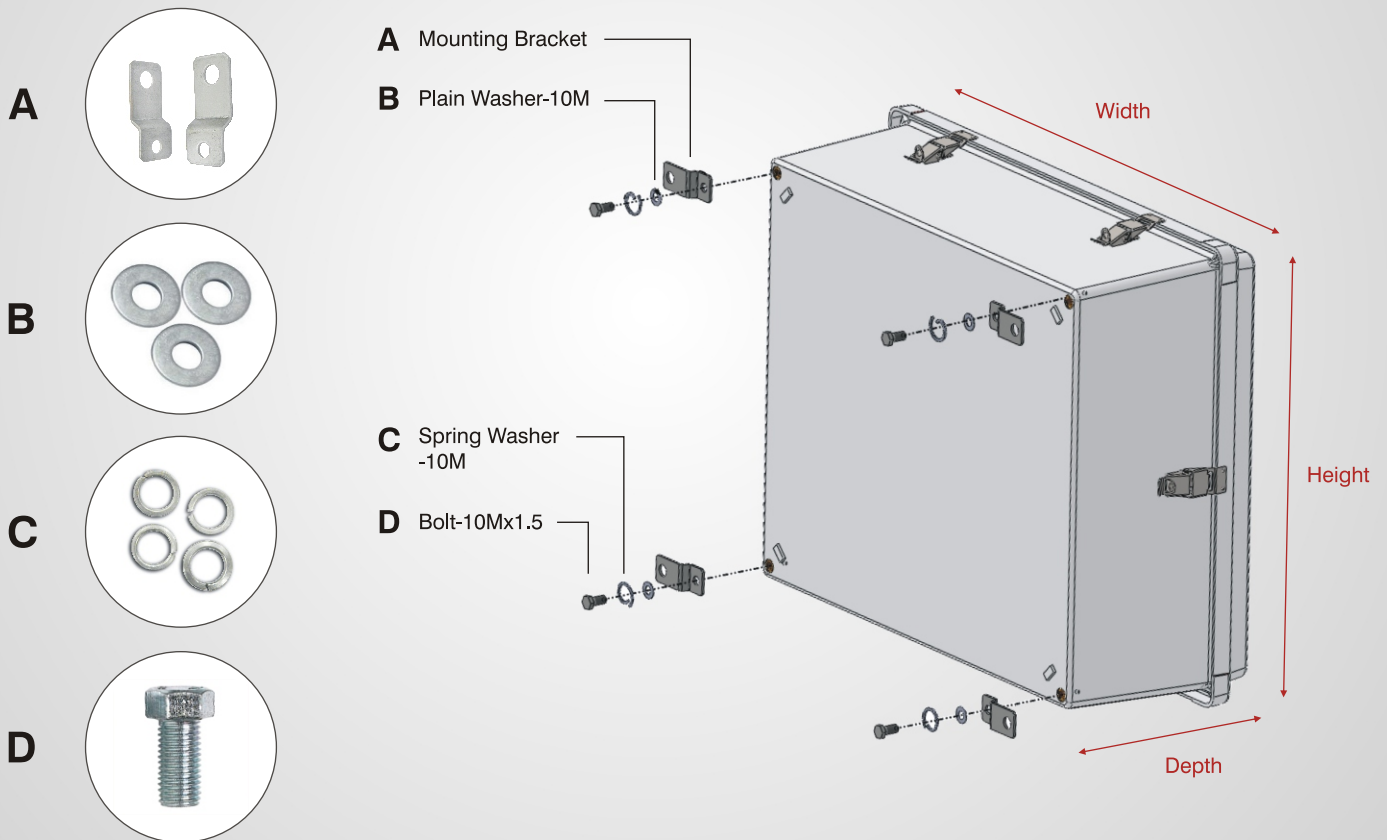
Raw Material Properties and Its Value

SN	Properties	Standard	Unit	Value	Result
1	Fire retardancy	UL 94	Class	V0	V0
2	Water absorption	ISO 62	%	≤0.20	0.18
3	Density	GB/T 1033.1-2008	g/cm ³	1.70-1.80	1.79
4	Tensile strength	ISO 527	Mpa	≥65	88.63
5	Impact strength	ISO 179	KJ/m ²	≥70	77.25
6	Flexural strength	ISO 178	Mpa	≥160	174.2
7	Flexural modulus	ISO 178	Mpa	≥10000	10813
8	Tracking resistance	IEC 60112	–	≥650	700
9	Surface resistance	IEC 60093	Ohm	≥1.0x10 ¹²	1.5x10 ¹²
10	Specific volume resistance	IEC 60093	Ohm.cm	≥1.0x10 ¹⁴	2.1x10 ¹⁴
11	Heat distortion temperature	ISO-75	°C	≥200	230
12	Die electric strength	IEC 60243	KV/mm	≥24	25
13	Arc resistance	GB/T 1411-2002	S	≥185	186
14	UV resistance	ASTM G-154	Hour	≥2000	2000
15	Temp resistance continuously	–	°C	-50 to +150	OK
16	Fibre content	ISO 1172	%	25±1	25.42

For guidance only

Subject to change in the interest of technical progress

Mounting Arrangement



Trinity Touch Pvt. Ltd.

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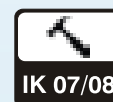
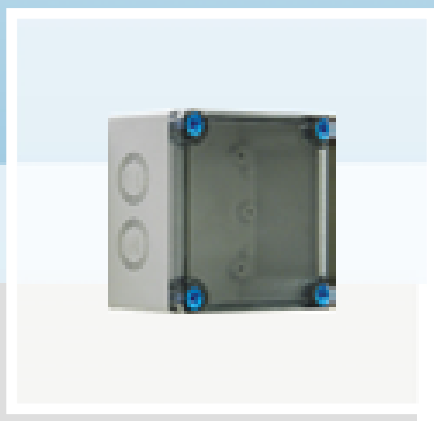
TRIBOX[®]

ENCLOSURE PROGRAM

THERMOPLASTIC ENCLOSURES

• BASIC SERIES

• HEAVY SERIES



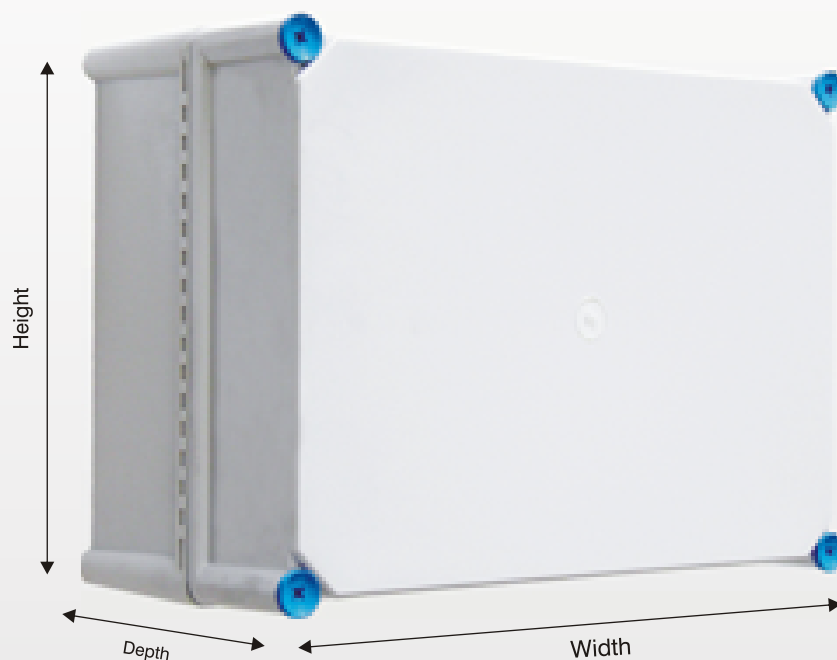
SIMPLY SOLUTIONS

Thermoplastic Enclosures

TRIBOX®



Our Basic and Heavy Series caters to a market which requires compact and robust enclosures. We use a high quality ABS and Polycarbonate material and provide Ingress Protection IP 66/67 along with protection against mechanical impacts IK 07 for ABS and IK 08 for Polycarbonate. A High quality gasket, well engineered screws and tested box design make our Basic & Heavy series a good solution for all the demand placed on compact enclosures.



Benefits

- Easy machining with normal tools.
- Easy colouring through pigmentation.
- Low weight.
- Good resistance to chemical attack.
- Excellent insulating properties.

Summary of **TRIBOX**® Series

SN	Box Size	Dimension (WxHxD) mm	Material
1	Basic 0808	85 x 83 x 60 mm	ABS / Polycarbonate
2	Basic 1010	102 x 100 x 60 mm	ABS / Polycarbonate
3	Basic 1308	130 x 80 x 60 mm	ABS / Polycarbonate
4	Basic 1313	130 x 130 x 75 mm	ABS / Polycarbonate
5	Basic 1808	180 x 80 x 85 mm	ABS / Polycarbonate
6	Basic 1813	180 x 130 x 100 mm	ABS / Polycarbonate
7	Basic 1818	180 x 180 x 100 mm	ABS / Polycarbonate
8	Basic 2708	270 x 80 x 85 mm	ABS / Polycarbonate
9	Heavy 2819 13	280 x 190 x 130 mm	ABS / Polycarbonate
10	Heavy 2819 17	280 x 190 x 170 mm	ABS / Polycarbonate
11	Heavy 2828 13	280 x 280 x 130 mm	ABS / Polycarbonate
12	Heavy 2828 17	280 x 280 x 175 mm	ABS / Polycarbonate
13	Heavy 3819 13	380 x 190 x 130 mm	ABS / Polycarbonate
14	Heavy 3828 13	380 x 280 x 130 mm	ABS / Polycarbonate
15	Heavy 3828 17	380 x 280 x 175 mm	ABS / Polycarbonate
16	Heavy 5638 18	560 x 380 x 180 mm	ABS / Polycarbonate

Technical Information

SN	Property	ABS	Polycarbonate
1	Ingress protection (EN 60529)	IP 66/67	IP 66/67
2	Impact resistance (EN 62262)	IK 07	IK 08
3	Temperature range - continuous	-20 to +60°C	-40 to +80°C
4	Electrical insulation	Insulated	Insulated
5	Enclosure flammability rating	UL 94-HB	UL 94-V0
6	Glow wire test	650°C	960°C
7	Non-toxicity	Halogen free	Halogen free
8	UV resistance (UL746C)	–	YES
	Conformity to standards		
9	Empty enclosure for low voltage switchgear	YES	IEC 62208
10	RoHS	YES	YES
11	CE	YES	YES

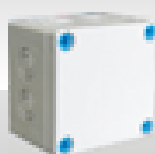
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TRIBOX® Basic Series

BASIC 0808 06G



BASIC 0808 06G (With K.O.)



BASIC 1010 06G



BASIC 0808 06T



BASIC 0808 06T (With K.O.)



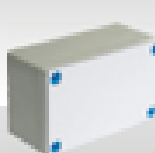
BASIC 1010 06T



BASIC 1010 06G (With K.O.)



BASIC 1308 G



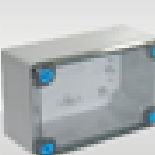
BASIC 1313 G



BASIC 1010 06T (With K.O.)



BASIC 1308 T



BASIC 1313 T



BASIC 1813 G



BASIC 1818 G



BASIC 1808 09G



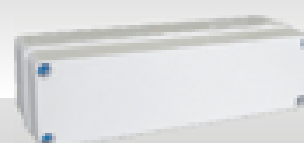
BASIC 1813 T



BASIC 1818 T



BASIC 2708 09G



TRIBOX® Basic Series

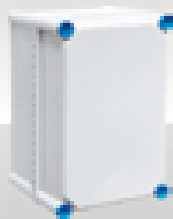
SN	Type	Article No.	Size (WxHxD) mm	 Mounting Plate	 Mounting Clamp	 Hinge	 Cover Screw
1	BA-ABS 0808 06G	01 17 03577	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
2	BA-PC 0808 06G	01 17 03578	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
3	BA-ABS 0808 06T	01 17 03579	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
4	BA-PC 0808 06T	01 17 03580	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
5	BA-ABS 0808 06G (With K.O.)	01 17 03581	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
6	BA-PC 0808 06G (With K.O.)	01 17 03582	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
7	BA-ABS 0808 06T (With K.O.)	01 17 03583	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
8	BA-PC 0808 06T (With K.O.)	01 17 03584	85 x 83 x 60	01 17 03601	01 17 03606	01 17 00624	01 17 00910
9	BA-ABS 1010 06G	01 17 03585	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
10	BA-PC 1010 06G	01 17 03586	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
11	BA-ABS 1010 06T	01 17 03587	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
12	BA-PC 1010 06T	01 17 03588	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
13	BA-ABS 1010 06G (With K.O.)	01 17 03589	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
14	BA-PC 1010 06G (With K.O.)	01 17 03590	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
15	BA-ABS 1010 06T (With K.O.)	01 17 03591	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
16	BA-PC 1010 06T (With K.O.)	01 17 03592	102 x 100 x 60	01 17 03602	01 17 03607	01 17 00624	01 17 00910
17	BA-ABS 1308G	01 17 00571	130 x 80 x 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
18	BA-PC 1308G	01 17 00594	130 x 80 x 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
19	BA-ABS 1308T	01 17 00586	130 x 80 x 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
20	BA-PC 1308T	01 17 00602	130 x 80 x 60	01 17 00608	01 17 00609	01 17 00624	01 17 00910
21	BA-ABS 1313G	01 17 00568	130 x 130 x 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
22	BA-PC 1313G	01 17 00591	130 x 130 x 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
23	BA-ABS 1313T	01 17 00583	130 x 130 x 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
24	BA-PC 1313T	01 17 00599	130 x 130 x 75	01 17 00610	01 17 00611	01 17 00624	01 17 00911
25	BA-ABS 1808 09G	01 17 03593	180 x 80 x 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
26	BA-PC 1808 09G	01 17 03594	180 x 80 x 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
27	BA-ABS 1808 09T	01 17 03595	180 x 80 x 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
28	BA-PC 1808 09T	01 17 03596	180 x 80 x 85	01 17 03603	01 17 03608	01 17 00625	01 17 00911
29	BA-ABS 1813G	01 17 00570	180 x 130 x 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
30	BA-PC 1813G	01 17 00593	180 x 130 x 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
31	BA-ABS 1813T	01 17 00585	180 x 130 x 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
32	BA-PC 1813T	01 17 00601	180 x 130 x 100	01 17 00612	01 17 00613	01 17 00624	01 17 00911
33	BA-ABS 1818G	01 17 00572	180 x 180 x 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
34	BA-PC 1818G	01 17 00595	180 x 180 x 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
35	BA-ABS 1818T	01 17 00587	180 x 180 x 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
36	BA-PC 1818T	01 17 00603	180 x 180 x 100	01 17 00614	01 17 00615	01 17 00624	01 17 00911
37	BA-ABS 2708 09G	01 17 03597	270 x 80 x 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911
38	BA-PC 2708 09G	01 17 03598	270 x 80 x 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911
39	BA-ABS 2708 09T	01 17 03599	270 x 80 x 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911
40	BA-PC 2708 09T	01 17 03600	270 x 80 x 85	01 17 03604	01 17 03609	01 17 00625	01 17 00911

TRIBOX® Heavy Series

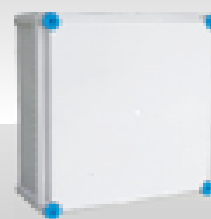
HEAVY 2819 13G



HEAVY 2819 17G



HEAVY 2828 13G



HEAVY 2819 13T



HEAVY 2819 17T



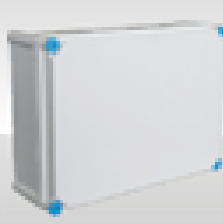
HEAVY 2828 13T



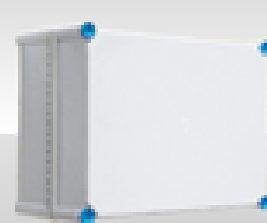
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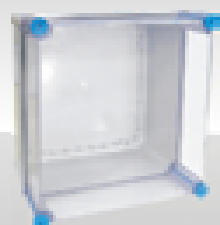
HEAVY 3828 13G



HEAVY 3828 17G



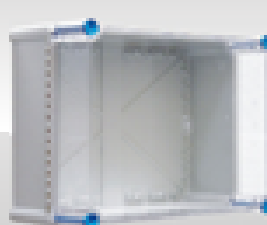
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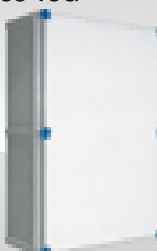
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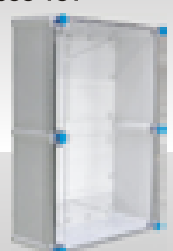
HEAVY 3828 17T



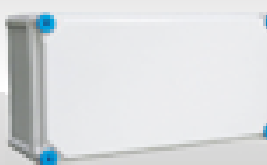
HEAVY 5638 18G



HEAVY 5638 18T



HEAVY 3819 13G



TRIBOX® Heavy Series

SN	Type	Article No.	Size (WxHxD) mm	 Mounting Plate	 Mounting Clamp	 Hinge	 Cover Screw	 Window
1	HE-ABS 2819 13G	01 17 00569	280 x 190 x 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
2	HE-PC 2819 13G	01 17 00592	280 x 190 x 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
3	HE-ABS 2819 13T	01 17 00584	280 x 190 x 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
4	HE-PC 2819 13T	01 17 00600	280 x 190 x 130	01 17 00616	01 17 00617	01 17 00625	01 17 00912	01 17 00909
5	HE-ABS 2819 17G	01 17 02287	280 x 190 x 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
6	HE-PC 2819 17G	01 17 02288	280 x 190 x 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
7	HE-ABS 2819 17T	01 17 02289	280 x 190 x 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
8	HE-PC 2819 17T	01 17 02290	280 x 190 x 175	01 17 00616	01 17 00617	01 17 00625	01 17 00913	01 17 00909
9	HE-ABS 2828 13G	01 17 00580	280 x 280 x 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
10	HE-PC 2828 13G	01 17 00596	280 x 280 x 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
11	HE-ABS 2828 13T	01 17 00588	280 x 280 x 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
12	HE-PC 2828 13T	01 17 00604	280 x 280 x 130	01 17 00618	01 17 00619	01 17 00625	01 17 00912	01 17 00909
13	HE-ABS 2828 17G	01 17 02291	280 x 280 x 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
14	HE-PC 2828 17G	01 17 02292	280 x 280 x 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
15	HE-ABS 2828 17T	01 17 02293	280 x 280 x 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
16	HE-PC 2828 17T	01 17 02294	280 x 280 x 175	01 17 00618	01 17 00619	01 17 00625	01 17 00913	01 17 00909
17	HE-ABS 3819 13G	01 17 02738	380 x 190 x 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
18	HE-PC 3819 13G	01 17 02740	380 x 190 x 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
19	HE-ABS 3819 13T	01 17 02739	380 x 190 x 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
20	HE-PC 3819 13T	01 17 02741	380 x 190 x 130	01 17 03605	01 17 03610	01 17 00625	01 17 00912	01 17 00909
21	HE-ABS 3828 13G	01 17 01190	380 x 280 x 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
22	HE-PC 3828 13G	01 17 01191	380 x 280 x 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
23	HE-ABS 3828 13T	01 17 01192	380 x 280 x 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
24	HE-PC 3828 13T	01 17 01193	380 x 280 x 135	01 17 00620	01 17 00621	01 17 00625	01 17 00912	01 17 00909
25	HE-ABS 3828 17G	01 17 00581	380 x 280 x 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
26	HE-PC 3828 17G	01 17 00597	380 x 280 x 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
27	HE-ABS 3828 17T	01 17 00589	380 x 280 x 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
28	HE-PC 3828 17T	01 17 00605	380 x 280 x 175	01 17 00620	01 17 00621	01 17 00625	01 17 00913	01 17 00909
29	HE-ABS 5638 18G	01 17 00582	560 x 380 x 180	01 17 00622	01 17 00623	01 17 00625	01 17 00912	01 17 00909
30	HE-PC 5638 18G	01 17 00598	560 x 380 x 180	01 17 00622	01 17 00623	01 17 00625	01 17 00912	01 17 00909
31	HE-ABS 5638 18T	01 17 00590	560 x 380 x 180	01 17 00622	01 17 00623	01 17 00625	01 17 00912	01 17 00909
32	HE-PC 5638 18T	01 17 00606	560 x 380 x 180	01 17 00622	01 17 00623	01 17 00625	01 17 00912	01 17 00909

Polycarbonate and ABS range has been designed to house and protect electrical and electronic components in hostile environments. Cover available are opaque or transparent “smoke grey”. A selective range of accessories is also available including a hinged door lock, mounting plate & mounting clamps.

Dimensions of enclosures range from 85x83x60 mm to 560x380x180 mm.

Combination Units

A bigger range and size can be achieved by using specially engineered combination system made by combining **TRIBOX** enclosures. It comprises of special set of heavy series **TRIBOX** enclosures. The modular system is designed to achieve IP 65 protection which makes the system fit for outdoor use. Our modular system of enclosures is fit for use in low voltage switchgear.

Special Features



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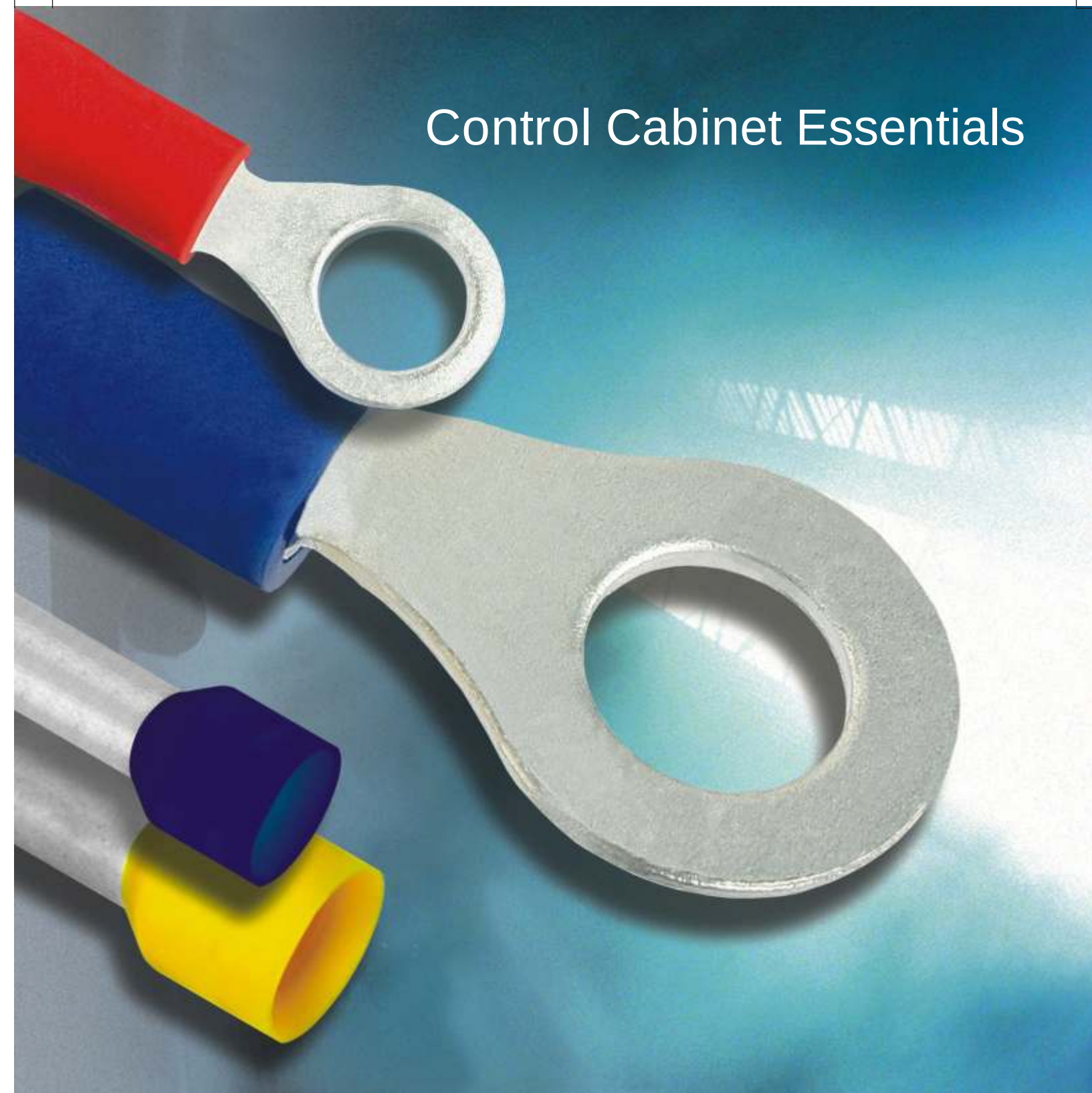
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 Email : maharashtrasales@trinitytouch.com

For further enquiry
 Call us at:
1800 2000 140



Control Cabinet Essentials

Solderless Terminals





Solderless Terminals



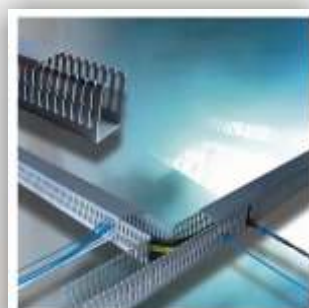
Solderless Terminals

The special feature of our insulated terminals is that closer the connections the more reliable is the insulation and the wires are less likely to splice. The plastic insulating sleeves simplify the fittings on to the conductor and the different colours denote the size of the cross sections. The dimensions of the cord end terminals correspond to DIN standards. We also have cord end terminals for special applications; the twin series which allows two conductors to be compressed in our cord end terminals. Our entire series for cord end terminals works best in conjunction with our Crimping tools which provide the perfect crimping for the connection.

Other Product Programs



DIN Rail



Wiring Ducts



Cable Glands



Solutions for Solar Plants



Enclosure Program



Enclosures & Customised Solutions with TRIBOX



The power in cable management

Flexible Conduits





Solderless Terminals

Insulated / Non Insulated Cord End Terminals	2-3
Twin Cord End Terminals	3
Male / Female Disconnects	3
Splice Connectors	3
Non Insulated Butt / Parallel Connectors	4
Insulated Pin Terminals	4
Open Barrel Terminals	4
Non-Insulated Tubular Lugs	4
Non-Insulated Ring / Spade Terminals	5
Insulated Ring / Spade Terminals	6
Crimping Tools	7-8
Article No.	9-12

Contents

SOLDERLESS TERMINALS

CORD END TERMINALS

ITEM NO.	WIRE MM ²	L	C	D	FRENCH COLOUR	GERMAN COLOUR	DIN COLOUR
F-E0206 LB F-E0206 VT F-E0208 LB F-E0208 VT	0.25	6 6 8 8	0.8	1.1	VIOLET	LIGHT BLUE	
F-E0306 TQ F-E0306 PK F-E0308 PK F-E0308 TQ	0.34	6 6 8 8	0.8	1.1	PINK	TURQUOISE	
F-E0506 WH F-E0506 OR F-E0508 WH F-E0508 OR	0.5	6 6 8 8	1.0	1.3	WHITE	ORANGE	WHITE
F-E7506 BU F-E7506 WH F-E7506 GY F-E7508 BU F-E7508 WH F-E7508 GY F-E7512 BU F-E7512 WH F-E7512 GY	0.75	6 6 6 8 8 8 12 12 12	1.2	1.5	BLUE	WHITE	GREY
F-E1006 RD F-E1006 YE F-E1008 RD F-E1008 YE F-E1012 RD F-E1012 YE	1.0	6 6 8 8 12 12	1.4	1.7	RED	YELLOW	RED
F-E1506 BK F-E1506 RD F-E1508 BK F-E1508 RD F-E1510 BK F-E1510 RD F-E1518 BK F-E1518 RD	1.5	6 6 8 8 10 10 18 18	1.7	2.0	BLACK	RED	BLACK
F-E2508 BU F-E2508 GY F-E2512 BU F-E2512 GY F-E2518 BU F-E2518 GY	2.5	8 8 12 12 18 18	2.3	2.6	GREY	BLUE	BLUE
F-E4009 GY F-E4009 OR F-E4012 GY F-E4012 OR F-E4018 GY F-E4018 OR	4.0	9 9 12 12 18 18	2.8	3.2	ORANGE	GREY	GREY
F-E6012 GN F-E6012 BK F-E6012 YE F-E6018 GN F-E6018 BK F-E6018 YE	6.0	12 12 12 18 18 18	3.5	3.9	GREEN	BLACK	YELLOW
F-E10-12 BR F-E10-12 IV F-E10-12 RD F-E10-18 BR F-E10-18 IV F-E10-18 RD	10	12 12 12 18 18 18	4.5	4.9	BROWN	IVORY	RED
F-E16-12 IV F-E16-12 GN F-E16-12 BU F-E16-18 IV F-E16-18 GN F-E16-18 BU	16	12 12 12 18 18 18	5.8	6.2	IVORY	GREEN	BLUE
F-E25-16 BK F-E25-16 BR F-E25-16 YE F-E25-22 BK F-E25-22 BR F-E25-22 YE	25	16 22 22 25 25 25	7.5	7.9	BLACK	BROWN	YELLOW
F-E35-16 RD F-E35-16 BE F-E35-25 RD F-E35-25 BE	35	16 16 25 25	8.3	8.7	RED	BEIGE	RED
F-E50-20 BU F-E50-20 OL F-E50-25 BU F-E50-25 OL	50	20 20 25 25	10.3	10.9	BLUE	OLIVE	BLUE
F-E70-20 YE	70	20	13.5	14.3	YELLOW	YELLOW	YELLOW
F-E95-25 RD F-E120-27 BU F-E150-32 YE							

RED
L=25 C=14.5 D=25.3

BLUE
L=27 C=16.5 D=17.5

YELLOW
L=32 C=19.5 D=20.5

SOLDERLESS TERMINALS



NON-INS. CORD END TERMINAL		TWIN CORD END TERMINALS							STRIPPING QUICK SPLICE	
ITEM NO.		ITEM NO.	COLOUR	L	D	C	D2	D3		
F-EN0506		F-TE0508 WH	WHITE	8	1.8	1.5	3.6	5.6		
F-EN7506		F-TE7508 GY	GREY	8	2.1	1.8	3.5	6.2		
F-EN1507		F-TE7510 GY		10						
F-EN2507		F-TE1008 RD	RED	8	2.3	2.0	4.0	6.0		
F-EN4012		F-TE1010 RD		10						
F-EN4012		F-TE1508 BK	BLACK	8	2.6	2.3	4.2	7.2		
F-EN4012		F-TE1512 BK		13						
F-EN6010		F-TE2510 BU	BLUE	10	3.3	2.9	5.0	8.5		
F-EN6010		F-TE2513 BU		13						
F-EN10-15		F-TE4012 GY	GREY	12	4.2	3.8	5.7	9.2		
F-EN16-15		F-TE6014 YE	YELLOW	14	5.3	4.9	6.8	10.5		
F-EN25-18		F-TE10-14 RD	RED	14	6.9	6.5	8.0	13.0		
F-EN25-18										
F-EN35-20		F-TE16-14 BU	BLUE	14	8.7	8.3	10.5	19.3		
FEMALE										
NAME TAB	.110 x .020 / .032	.187 x .020 / .032	.205 x .020	.250 x .032	.250 x .032	.375 x .048				
inch/mm	2.8x0.5/0.8	4.75x0.5/0.8	5.2x0.5	6.35x0.8	6.35x0.8	9.4x1.2				
SINGLE CRIMP	F-FDV1-110 (5)/(8)	F-FDV1-187 (5)/(8)	F-FDV1-205	F-FDV1-250	F-FDV5-250	F-FDV5-375				
DOUBLE CRIMP	F-FDD1-110 (5)/(8)	F-FDD1-187 (5)/(8)	F-FDD1-205	F-FDD1-250	F-FDD5-250	F-FDD5-375				
FEMALE										
NAME TAB	.110 x .020 / .032	.187 x .020 / .032	.205 x .020	.250 x .032	.312 x .032	.375 x .048				
inch/mm	2.8x0.5/0.8	4.75x0.5/0.8	5.2x0.5	6.35x0.8	8.0x0.8	9.4x1.2				
SINGLE CRIMP	F-FDV2-110 (5)/(8)	F-FDV2-187 (5)/(8)	F-FDV2-205	F-FDV2-250	F-FDV2-312	F-FDV2-375				
DOUBLE CRIMP	F-FDD2-110 (5)/(8)	F-FDD2-187 (5)/(8)	F-FDD2-205	F-FDD2-250	F-FDD2-312	F-FDD2-375				
MALE										
NAME TAB	.110 x .020 / .032	.187 x .020 / .032	.205 x .032	.187 x .020 / .032	.250 x .032	.250 x .032				
inch/mm	2.8x0.5/0.8	4.75x0.5/0.8	6.35x0.5	4.75x0.5/0.8	6.35x0.8	6.35x0.8				
SINGLE CRIMP	F-MDV1-110 (5)/(8)	F-MDV1-187 (5)/(8)	F-MDV1-205	F-MDV2-187 (5)/(8)	F-MDV2-250	F-MDV5-250				
DOUBLE CRIMP	F-MDD1-110 (5)/(8)	F-MDD1-187 (5)/(8)	F-MDD1-205	F-MDD2-187 (5)/(8)	F-MDD2-250	F-MDD5-250				
FULLY INSULATED FEMALE										
NAME TAB	.187 x .020 / .032	.187 x .020 / .032	.187 x .020 / .032	.250 x .032	.250 x .032	.375 x .048				
inch/mm	4.75x0.5/0.8	4.75x0.5/0.8	4.75x0.5/0.8	6.35x0.8	6.35x0.8	9.4x1.2				
SINGLE CRIMP	F-FDFV1-187 (5)/(8)	F-FMDV1-187 (5)/(8)	F-FDFV2-187 (5)/(8)	F-FDFV2-250	F-FDFV5-250	F-FDFV5-375				
DOUBLE CRIMP	F-FDFD1-187 (5)/(8)	F-FMD1-187 (5)/(8)	F-FDFD2-187 (5)/(8)	F-FDFD2-250	F-FDFV5-250					
FULLY NYLON INSULATED FEMALE DISCONNECTS .250x.032/6.35x0.8										
		F-FDFN1-250								
		F-FDFN2-250								
		F-FDFN5-250								
		F-FDFN1-250								
		F-FDFN2-250								
		F-FDFN5-250								
FULLY NYLON INSULATED FEMALE DISCONNECTS .250x.032/6.35x0.8										
		F-MDFN1-250								
		F-MDFN2-250								
		F-MDFN5-250								
		F-MDFN1-250								
		F-MDFN2-250								
		F-MDFN5-250								

STUD SIZE: mm - inch mm - inch mm - inch mm - inch
3.2 - #4 4.3 - #8 6.4 - 1/4" 10.5 - 3/8"
3.7 - #6 5.3 - #10 8.4 - 5/16" 13.0 - 1/2"

INSULATED COLOUR & WIRE RANGE :
YELLOW: 0.5mm2 = AWG26-22 = DIN 0.1-0.5mm2
RED: 1.25mm2 = AWG22-16 = DIN 0.5-1.5mm2
BLUE: 2mm2 = AWG16-14 = DIN 1.5-2 mm2
YELLOW: 5.5MM2 = AWG12-10 = DIN 2.5-6mm2



SOLDERLESS TERMINALS

NON-INSULATED BUTT CONNECTORS

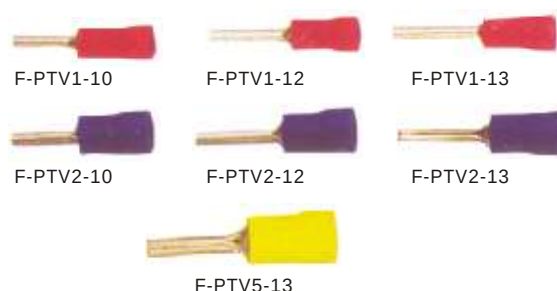
NON-INSULATED PARALLEL CONNECTORS

NON-INSULATED TUBULAR LUGS



ITEM NO.	L	ITEM NO.	L	Wire Size
F-BNT1	15.0	F-PNT1	8.0	1.25
F-BNT2	15.0	F-PNT2	8.0	2
F-BNT5	15.0	F-PNT3	8.5	3.5
F-BNT8	21.0	F-PNT5	8.5	5.5
F-BNT14	26.0	F-PNT8	9.5	8
F-BNT22	29.-	F-PNT14	11.0	14
F-BNT38	32.0	F-PNT22	13.5	22
F-BNT60	36.0	F-PNT38	16.5	38
F-BNT70	37.0	F-PNT60	19.0	60
F-BNT80	38.0	F-PNT70	19.0	70
F-BNT100	38.0	F-PNT80	19.5	80
F-BNT150	54.0	F-PNT100	20.0	100
F-BNT180	57.0	F-PNT150	27.0	150
F-BNT200	63.0	F-PNT180	28.5	180
F-BNT325	72.0	F-PNT200	32.0	200
		F-PNT325	37.0	325

PIN TERMINALS



OPEN BARREL TERMINALS



SOLDERLESS TERMINALS CONNECTORS

To Order Suffix:
LR: Loose Piece Brass Finishing
LT: Loose Piece Tin Plating

Example: F-606 LR for Brass Finishing Open Barrel Terminals

BNT: Non Insulated Seamless Tube Butt Connectors
PTV: Viny Insulated Pin Terminals

PNT: Non Insulated Seamless Tube Butt Parallel Connectors

SOLDERLESS TERMINALS



FAST MOVING RANGE NON INSULATED RING TERMINALS



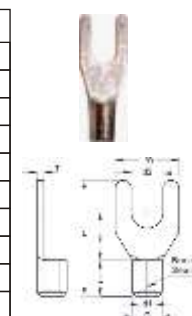
mm2	ITEM NO.	d2	w	w
1.25	RNB1-3.2	3.2	5.7	1.25-S3
	RNBS1-3.7	3.7	5.7	1.25-3
	RNBS1-4	4.3	6.6	1.25-4S
	RNBL1-4	4.3	8.0	1.25-4
	RNB1-5	5.3	8.0	1.25-5
	RNB1-6	6.5	12.0	1.25-6
	RNB8	8.5	12.0	1.25-8
	RNB1-10	10.5	13.8	1.25-10
	RNBL2-4	4.3	8.5	2-4
	RNBL2-5	5.3	9.5	2-5
2	RNB2-3.2	3.2	6.6	2-S3
	RNBS2-3.7	3.7	6.6	2-3
	RNBS2-4	4.3	6.6	2-4S
	RNBS2-5	5.3	8.5	2-5
	RNB2-6	6.5	12.0	2-6
	RNB2-8	8.4	12.0	2-8
	RNB2-10	10.5	13.8	2-10
	RNB3-4	4.3	8.0	3-4
	RNB3-5	5.3	8.0	3-5
	RNB3-6	6.5	12.0	3-6
3.5	RNBS3-3.7	3.7	7.2	5-3.7
	RNBL5-4	4.3	9.5	5-4
	RNBL5-5	5.3	9.5	5-4
	RNB5-6	6.5	12.0	5-6
	RNB5-8	8.4	15.0	5-8
	RNB5-10	10.8	15.0	5-10
	RNB5-12	13.0	19.0	5-12
	RNBL8-6	5.3	15.0	8-6
	RNB8-5	5.3	12.0	8-5
	RNB8-6	6.5	12.0	8-6
5.5	RNB8-8	8.4	15.0	8-8
	RNB8-10	10.0	15.0	8-10
	RNB8-12	13.0	22.0	8-12
	RNB14-5	5.3	12.0	14-5
	RNBS14-6	6.5	12.0	14-6
	RNB14-8	8.4	16.0	14-8
	RNB14-10	10.5	16.0	14-10
	RNB14-12	13.0	22.0	14-12
	RNBS22-6	6.5	12.0	22-6S
	RNBL22-6	6.5	16.5	22-6L
8	RNB22-8	8.4	16.5	22-8
	RNB22-10	10.5	16.5	22-10
	RNB22-12	13.0	22.0	22-12
14				
22				

mm2	ITEM NO.	d2	w	w
38	RNBS38-6	6.5	15.3	38-6S
	RNBL38-6	6.5	22.0	38-6L
	RNBS38-8	8.4	15.3	38-8S
	RNBL38-8	8.4	22.0	38-8L
	RNBS38-10	10.5	15.3	38-10S
	RNBL38-10	10.5	22.0	38-10L
	RNB38-12	13.0	22.0	38-12
	RNB60-6	6.4	22.0	60-6
	RNB60-8	8.4	22.0	60-8
	RNB60-10	10.5	22.0	60-10
60	RNB60-12	13.0	22.0	60-12
	RNB60-16	17.0	32.0	60-16
	RNB70-6	6.4	24.0	70-6
	RNB70-8	8.4	24.0	70-8
	RNB70-10	10.5	24.0	70-10
	RNB70-12	13.0	24.0	70-12
	RNB70-16	17.0	27.0	70-16
	RNB80-8	8.4	27.0	80-8
	RNB80-10	10.5	27.0	80-10
	RNB80-12	13.0	27.0	80-12
70	RNB80-16	17.0	32.0	80-16
	RNB100-8	8.4	28.5	100-8
	RNB100-10	10.5	28.5	100-10
	RNB100-12	13.0	28.5	100-12
	RNB100-16	17.0	36.0	100-16
	RNB150-10	10.5	36.0	150-10
	RNB150-12	13.0	36.0	150-12
	RNB150-16	17.0	36.0	150-16
	RNB150-20	21.0	36.0	150-20
	RNB150-22	22.0	36.0	150-22
80	RNB150-24	25.0	36.0	150-24
	RNB180-12	13.0	38.5	180-12
	RNB180-16	17.0	38.5	180-16
	RNB180-20	21.0	38.5	180-20
	RNB180-22	23.0	38.5	180-22
	RNB180-24	25.0	38.5	180-24
	RNB200-12	13.0	44.0	200-12
	RNB200-16	17.0	44.0	200-16
	RNB200-20	21.0	44.0	200-20
	RNB200-22	23.0	44.0	200-22
100	RNB200-24	25.0	44.0	200-24
	RNB250-12	13.5	44.0	250-12
	RNB250-16	17.0	44.0	250-16
	RNB250-20	21.0	44.0	250-20
	RNB325-12	13.0	50.5	325-12
	RNB325-16	17.0	50.5	325-16
	RNB325-20	21.0	50.5	325-20
	RNB325-22	23.0	50.5	325-22
	RNB325-24	25.0	50.5	325-24

NON INSULATED SPADE TERMINALS

mm2	Item No.	d2	w	Spec.
1.25	SNB 1-3.2	3.2	5.7	1.25-S3Y
	SNBL 1-4	4.3	8.10	1.25-4Y
	SNBL 1-5	5.3	9.5	1.25-5Y
	SNBL 1-6	6.5	12.0	1.25-6Y
	SNBS 1-3.7	3.7	5.7	1.25-3Y
	SNBM 1-4	4.3	7.2	1.25-4Y
	SNBL 2-4	4.3	8.10	2-4Y
	SNBL 2-5	5.3	9.5	2-5Y
	SNBL 2-6	6.5	12.0	2-6
	SNB 2-3.2	3.2	5.7	2-S3Y
2	SNBS 2-3.7	3.7	5.7	2-3Y
	SNBM 2-4	4.3	7.2	2-4Y

mm2	Item No.	d2	w	Spec.
3.5	SNB 3-3.7	3.7	8.0	3.5-3Y
	SNB 3-4	4.3	8.0	3.5-4Y
	SNB 3-5	5.3	8.0	3.5-5Y
	SNB 3-6	6.5	12.0	3.5-6Y
	SNBL 5-4	4.3	9.0	5.5-4Y
	SNBL 5-5			
	SNBL 5-6	6.5	12.0	5.5-6Y
	SNB 5-8	8.4	14.0	5.5-8Y
	SNB 5-3.7	3.7	8.3	5.5-3Y
	SNB 5-5	5.3	9.0	5.5-5Y
5.5				



SOLDERLESS TERMINALS

RING TERMINALS	AWG22-16 DINO. 1-5M M ²					
	STUD SIZE	#4/3.2mm	#6/3.7mm	#6/3.7mm	#6/3.7mm	#8/4.3mm
	VINYL INS.	F-RV1-3.2	F-RVS1-3.7	F-RVM1-3.7	F-RVL1-3.7	F-RVS1-4
	NON-INS.	F-RNB1-3.2	F-RNBS1-3.7	F-RNBM1-3.7	F-RNBL1-3.7	F-RNBS1-4
	AWG22-16 DINO. 5-1.5M M ²					
	STUD SIZE	#8/4.3mm	#10/5.3mm	1/4"/6.4mm	5/16"/8.4mm	3/8"/10.5mm
	VINYL INS.	F-RVL1-4	F-RV1-5	F-RV1-6	F-RV1-8	F-RV1-10
	NON-INS.	F-RNBL1-4	F-RNB1-5	F-RNB1-6	F-RNB1-8	F-RNB1-10
	AWG16-14 DIN1.5- 2.5M M ²					
	STUD SIZE	#4/3.2mm	#6/3.7mm	#6/3.7mm	#6/3.7mm	#8/4.3mm
SPADE TERMINALS	VINYL INS.	F-RV2-3.2	F-RVS2-3.7	F-RVM2-3.7	F-RVL2-3.7	F-RVS2-4
	NON-INS.	F-RNB2-3.2	F-RNBS2-3.7	F-RNBM2-3.7	F-RNBL2-3.7	F-RNBS2-4
	AWG16-14 DIN1.5- 2.5M M ²					
	STUD SIZE	#8/4.3mm	#10/5.3mm	#10/5.3mm	#1/4"/6.4mm	5/16"/8.4mm
	VINYL INS.	F-RVL2-4	F-RVS2-5	F-RVL2-5	F-RV2-6	F-RV2-8
	NON-INS.	F-RNBL2-4	F-RNBS2-5	F-RNBL2-5	F-RNB2-6	F-RNB2-8
	AWG12-10 DIN2.5- 6M M ²					
	STUD SIZE	#6/3.7mm	#8/4.3mm	#8/4.3mm	#10/5.3mm	#3/8"/10.5mm
	VINYL INS.	F-RV5-3.7	F-RVS5-4	F-RVL5-4	F-RV5-5	F-RV2-10
	NON-INS.	F-RNB5-3.7	F-RNBS5-4	F-RNBL5-4	F-RNB5-5	F-RNB2-10
	AWG12-10 DIN2.5- 6M M ²					
	STUD SIZE	1/4"/6.4mm	5/16"/8.4mm	3/8"/10.5mm	1/2"/13.0mm	
	VINYL INS.	F-RV5-6	F-RV5-8	F-RV5-10	F-RV5-12	
	NON-INS.	F-RNB5-6	F-RNB5-8	F-RNB5-10	F-RNB5-12	
	AWG22-16 DINO. 5-1.5M M ²					
	STUD SIZE	#4/3.2mm	#6/3.7mm	#6/3.7mm	#8/4.3mm	#8/4.3mm
	VINYL INS.	F-SV1-3.2	F-SVS1-3.7	F-SVL1-3.7	F-SVS1-4	F-SVM1-4
	NON-INS.	F-SNB1-3.2	F-SNBS1-3.7	F-SNBL1-3.7	F-SNBS1-4	F-SNBM1-4
	AWG22-16 DINO. 5-1.5M M ²					
	STUD SIZE	#8/4.3mm	#10/5.3mm	#10/5.3mm	#1/4"/6.4mm	1/4"/6.4mm
	VINYL INS.	F-SVL1-4	F-SVS1-5	F-SVL1-5	F-SVL1-6	F-SVL1-6
	NON-INS.	F-SNBL1-4	F-SNBS1-5	F-SNBL1-5	F-SNBS1-6	F-SNBL1-6
	AWG16-14 DIN1.5- 2.5M M ²					
	STUD SIZE	#4/3.2mm	#6/3.7mm	#6/3.7mm	#8/4.3mm	#8/4.3mm
	VINYL INS.	F-SV2-3.2	F-SVS2-3.7	F-SVL2-3.7	F-SVM2-4	F-SNBM2-4
	NON-INS.	F-SNB2-3.2	F-SNBS2-3.7	F-SNBL2-3.7	F-SNBS2-4	F-SNBM2-4
	AWG16-14 DIN1.5- 2.5M M ²					
	STUD SIZE	#8/4.3mm	#10/5.3mm	#10/5.3mm	1/4"/6.4mm	1/4"/6.4mm
	VINYL INS.	F-SVL2-4	F-SVS2-5	F-SVL2-5	111SVS2-6	F-SVS2-6
	NON-INS.	F-SNBL2-4	F-SNBS2-5	F-SNBL2-5	111SNBS2-6	F-SNBL2-6
	AWG12-16 DIN2.5- 6MM M ²					
	STUD SIZE	#6/3.7mm	#8/4.3mm	#8/4.3mm	#10/5.3mm	#1/4"/6.4mm
	VINYL INS.	F-SV5-3.7	F-SVS5-4	F-SVL5-4	F-SV5-5	F-SVL5-6
	NON-INS.	F-SNB5-3.7	F-SNBS5-4	F-SNBL5-4	F-SNB5-5	F-SNBL5-6

EXAMPLE F R V S I -3.7 (1) F-Trinity Touch (4) S-WIDTH SIZE
(1) (2) (3) (4) (5) (6) (2) R-TERMINAL TYPE (5) 1-WIRE RANGE
(3) V-BARREL TYPE INSULATION MATERIAL (6) 3.7-STUDE SIZE (mm)

EXAMPLE : RN1-3.2, RNB1-3.2, RNI1-3.2, RD1-3.2, RNYD1-3.2,etc.

BARREL TYPE : N TYPE : INSULATED BUTTED SEAM TERMINAL, NB TYPE : NON-INSULATED BRAZED SEAM TERMINAL
V TYPE : VINYL-INSULATED SINGLE CRIMP TERMINAL

TERMINAL TYPE : R : RING TERMINAL S : SPADE TERMINAL
E : CORD END TERMINAL TE : TWIN END TERMINAL

CRIMPING TOOLS



CR-2000A
CRIMPING ALL INSULATED
TERMINALS

1. 22-16 AWG (1.25mm²)
2. 16-14 AWG (2mm²)
3. 12-10 AWG (5.5mm²)

CR-2000B
CRIMPING ALL DOUBLE CRIMP
INSULATED RING/SPADE/PIN
TERMINALS

1. 22-16 AWG (1.25mm²)
2. 16-14 AWG (2mm²)
3. 12-10 AWG (5.5mm²)

CR-2000C
CRIMPING ALL SINGLE
CRIMP INSULATED
FEMALE/MALE DISCONNECTORS

1. 22-16 AWG (1.25mm²)
2. 16-14 AWG (2mm²)
3. 12-10 AWG (5.5mm²)

CR-2000D-1322
CRIMPING NON-INSULATED
TERMINALS

1. 22-16 AWG (1.25mm²)
2. 16-14 AWG (2mm²)
3. 12-10 AWG (5.5mm²)
4. 8 AWG (8mm²)

CR-2000D-1306
CRIMPING OPEN BARREL
TERMINALS

1. 22-16 AWG (1.25mm²)
2. 16-14 AWG (2mm²)
3. 12-10 AWG (5.5mm²)

CR-2000D-1516
CRIMPING COPPER
TUBULAR LUGS

1. 0.2-2.5mm²
2. 4-6mm²
3. 10 mm²
4. 16 mm²

CR8-060
CRIMPING CORD END
TERMINALS UP TO 6mm²

1. 0.25mm²-0.75mm²
2. 1.0mm²-1.5mm²
3. 2.5mm²
4. 4.0mm²
5. 6.0mm²

CR8-065
CRIMPING CORD END
TERMINALS

1. 6mm²
2. 10mm²
3. 16mm²

CR-2000L
CRIMPING CORD END
TERMINALS

1. 0.5mm² 4.15mm²
2. 0.75mm² 5.25mm²
3. 1.0mm² 6.40mm²

CR-2000m
CRIMPING CORD END
TERMINALS ABOVE 6mm²

1. 6mm²
2. 10mm²
3. 16mm²

CR-700D
WIRE STRIPPER 0.5-8 mm²

CR-600A
CABLE TIE GUN
FOR TENSIONING
AND CUT OFF
CABLE TIES.
WIDTH : 2.4mm-4.8mm

CRIMPING TOOLS

CR-2070B
CRIMPING TOOL FOR RI-22/RI11 MODULAR
4 & 6 WAY CONNECTORS INCLUDING
CUTTER & OUTER SHEATH STRIPPER



CR-2078C
WIRE STRIPPER/
CUTTER

MODEL NO.	CUT RANGE
2028C-1	10-20 AWG
2028C-2	10-22 AWG
2028C-3	16-26 AWG
2028C-4	20-30 AWG



CR-2082
CRIMPING CORD END
TERMINALS

1. 0.5mm ²	4. 1.5mm ²
2. 0.75mm ²	5. 2.5mm ²
3. 1.0mm ²	6. 4.0mm ²



CR-2007
8-1/2" 5-WAYS
CRIMPING TOOL

1. CRIMPS INSULATED TERMINALS
2. BOLTS CUTTER
3. CRIMPS IGNITION TERMINALS
4. WIRE CUTTER
5. WIRE STRIPPER



CR-2070A
CRIMPING TOOL FOR RI-11/RI45 MODULAR
6 & 8 WAY CONNECTORS INCLUDING
CUTTER & OUTER SHEATH STRIPPER



CR-2081
CRIMPING CORD END
TERMINALS

1. 0.75mm ²	5. 4mm ²
2. 1.0mm ²	6. 6mm ²
3. 1.5mm ²	7. 10mm ²
4. 2.5mm ²	



CR-2001
8" 5-WAYS
CRIMPING TOOL

1. CRIMPS INSULATED TERMINALS
2. BOLTS CUTTER
3. CRIMPS IGNITION TERMINALS
4. WIRE CUTTER
5. WIRE STRIPPER

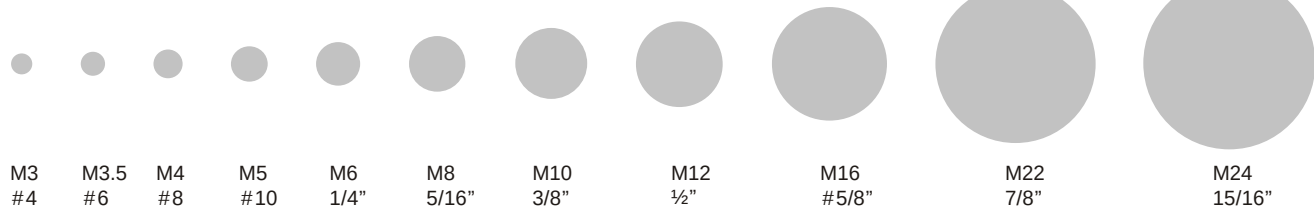


CR-6021
PUNCH DOWN
TOOL

BLADE	TERMINAL BLOCK
CR-6021-A	FOR USE ON 66 TYPE
CR-6021-B	FOR USE ON 110/88 TYPE
CR-6021-C	USE ON 630A PHONE JACK
CR-6021-D	FOR USE ON KRONE TYPE



STUD SIZE



SOLDERLESS TERMINALS



Description	Article No.	Description	Article No.	Description	Article No.
F-E0206 LB	011100001	F-EN 35-20	011100091	CR-2000D-1322	011100163
F-E0206 VT	011100002	F-TE 0508 WH	011100092	CR-2000D-1306	011100164
F-E0208 LB	011100003	F-TE7508 GY	011100093	CR-2000D-1516	011100165
F-E0208 VT	011100004	F-TE1008 RD	011100094	CR8-060	011100166
F-E0306 TQ	011100005	F-TE1010 RD	011100095	CR8-065	011100167
F-E0306 PK	011100006	F-TE1508 BK	011100096	CR-2000L	011100168
F-E0308 PK	011100007	F-TE1512 BK	011100097	CR-2000M	011100169
F-E0308 TQ	011100008	F-TE 2510 BU	011100098	CR-700D	011100170
F-E0506 WH	011100009	F-TE2513 BU	011100099	CR-600A	011100171
F-E0506 OR	011100010	F-TE4012 GY	011100100	CR-2070B	011100172
F-E0508 WH	011100011	F-TE6014 YE	011100101	CR-2070A	011100173
F-E0508 OR	011100012	F-TE10-14 RD	011100102	CR-2081	011100175
F-E7506 GY	011100013	F-TE16-14 BU	011100103	CR-2082	011100176
F-E7508 GY	011100016	F-FDV1-110 (5)	011100104	CR-2001	011100177
F-E7508 WH	011100017	F-FDV1-110 (8)	011100105	CR-2007	011100178
F-E7508 BU	011100018	F-FDV1-205 (5)	011100106	CR-6021	011100179
F-E7512 GY	011100019	F-FDV1-250	011100107	F-PNT 22	011100207
F-E1006 RD	011100022	FDV5-250	011100108	F-PNT 38	011100208
F-E1008 RD	011100024	F-FDD1-110 (5)	011100110	F-PTV1-10 RD	011100217
F-E1008 YE	011100025	F-FDD1-187 (5)	011100111	F-PTV1-12 RD	011100218
F-E1012 RD	011100026	F-FDD1-205 (5)	011100112	F-PTV1-13 RD	011100219
F-E1508 BK	011100028	F-FDD1-250	011100113	F-PTV2-10 BU	011100220
F-E1508 RD	011100029	F-FDV2-110 (5)	011100116	F-PTV2-12 BU	011100221
F-E1510 BK	011100030	F-FDV2-187 (5)	011100117	F-PTV2-13 BU	011100222
F-E1518RD	011100033	F-FDV2-205 (5)	011100118	F-PTV5-13 YE	011100223
F-E2508 BU	011100034	F-FDV2-250	011100119	TLK 10-6	011100230
F-E2508 GY	011100035	F-FDV2-312	011100120	TLK 10-8	011100231
F-E2512 BU	011100036	F-FDV2-375	011100121	TLK 25-8	011100241
F-E4009 GY	011100040	F-FDD2-110 (5)	011100122	TLK 35-6	011100245
F-E4009 OR	011100041	F-FDD2-187 (5)	011100123	TLK 35-8	011100246
F-E 4012 GY	011100042	F-FDD2-205 (5)	011100124	F-TLK35-10	011100247
F-E6012 YE	011100046	F-FDD2-250	011100125	F-RV1-3.2 RD	011100265
F-E6012 BK	011100047	F-FDD2-312	011100126	F-RVS1-3.7 RD	011100266
F-E6012 GN	011100048	F-FDD2-375	011100127	F-RNBM1-3.7	011100272
F-E10-12 RD	011100052	F-MDV1-110 (5)	011100128	F-RNBS1-4	011100274
F-E10-12 BR	011100053	F-MDV1-187 (5)	011100129	F-RV1- 5 RD	011100276
F-E10-12 IVY	011100054	F-MDV2-187 (5)	011100131	F-RV1-6 RD	011100277
F-E10-18 IV	011100057	F-MDV2-250	011100132	F-RNBL1-4	011100280
F-E16-12 BU	011100058	F-MDV5-250	011100133	F-RNB1-5	011100281
F-E16-12 GN	011100059	F-MDD1-110 (5)	011100134	F-RNB1-6	011100282
F-E16-12 IV	011100060	F-MDD1-187 (5)	011100135	F-RNB1-8	011100283
F-E16-18 BU	011100061	F-MDD2-187 (5)	011100137	F-RNB1-10	011100284
F-E16-18 GN	011100062	F-MDD2-250	011100138	F-RV2- 3.2 BU	011100285
F-E25-16 YE	011100064	F-MDD5-250	011100139	F-RVS2- 4 BU	011100289
F-E35-16 RD	011100070	F-FDFV1-187 (5)	011100140	F-RNB2-3.2	011100290
F-E50-20 BU	011100074	F-FDFV2-250	011100142	F-RNBM2-3.7	011100292
F-E70-20 YE	011100078	F-FDFV5-250	011100143	F-RVL2-4 BU	011100295
F-E95-25 RD	011100079	F-FDFD5-250	011100144	F-RVS2- 5 BU	011100296
F-E120-27BU	011100080	F-FDFD1-187 (5)	011100145	F-RVL2-5 BU	011100297
F-E150-32YE	011100081	F-FDFD2-187 (5)	011100146	F-RV2-6 BU	011100298
F-EN 0506	011100082	F-FDFD2-250	011100147	F-RV2-8 BU	011100299
F-EN 7506	011100083	F-FDFN1-250	011100148	F-RNBL2-4	011100300
F-EN 1507	011100084	F-FDFN2-250	011100149	F-RNBS2-5	011100301
F-EN 2507	011100085	F-FDFN5-250	011100150	F-RNB2-6	011100303
F-EN 4012	011100086	F-MDFN1-250	011100151	F-RNB2-8	011100304
F-EN 6010	011100087	878100	011100154	F-RV5-3.7 YE	011100305
F-EN 10-15	011100088	CR-2000A	011100160	F-RVS5- 4 YE	011100306
F-EN 16-15	011100089	CR-2000B	011100161	F-RVL5-4 YE	011100307
F-EN 25-18	011100090	CR-2000C	011100162	F-RV5- 5 YE	011100308

SOLDERLESS TERMINALS

Description	Article No.	Description	Article No.	Description	Article No.
F-RV2-10	011100309	F-RNBL8-6	011100472	F-FDD1-187 (8)	011100533
F-RNBL 5-4	011100312	F-RNB8-8	011100473	F-FDD2-110 (8)	011100534
F-RNB5-5	011100313	F-RNB8-10	011100474	F-FDD2-187 (8)	011100535
F-RNB 2-10	011100314	F-RNB14-4	011100475	F-MDV1-110 (8)	011100536
F-RV5-6 YE	011100315	F-RNB14-5	011100476	F-MDV1-187 (8)	011100537
F-RV5-8 YE	011100316	F-RNBS14-6	011100477	F-MDV1-250	011100538
F-RV5-10 YE	011100317	F-RNB14-8	011100478	F-MDV2-187 (8)	011100539
F-RV5-12	011100318	F-RNB14-10	011100479	F-MDD1-110 (8)	011100540
F-RNB5-6	011100319	F-RNB14-12	011100480	F-MDD1-187 (8)	011100541
F-RNB5-8	011100320	F-RNBS22-6	011100481	F-MDD1-250	011100542
F-RNB5-10	011100321	F-RNBL22-6	011100482	F-MDD2-187 (8)	011100543
F-RNB5-12	011100322	F-RNB 22-8	011100483	CR-2028C-1	011100544
F-SV1-3.2 RD	011100323	F-RNB22-10	011100484	CR-2028C-2	011100545
F-SVS1-3.7RD	011100324	F-RNB22-12	011100485	CR2070B	011100546
F-SVL1-3.7RD	011100325	F-RNBS38-12	011100486	KST 2000 P	011100548
F-SVS1-4 RD	011100326	F-RNBL38-12	011100487	YYT-7	011100549
F-SNB1-3.2	011100328	F-RNB60-10	011100488	F-E1010 RD	011100550
F-SNBS1-3.7	011100329	F-EN 1006	011100489	F-E2510 BU	011100551
F-SNBL1-3.7	011100330	F-EN 70-25	011100490	F-E7510 GY	011100552
F-SNBS1-4	011100331	F-EN 95-25	011100491	F-SVS5-3.7 YE	011100553
F-SNBM1-4	011100332	F-EN 120-32	011100492	CR-2056	011100554
F-SVS1-5 RD	011100334	F-EN 150-32	011100493	KST - HG1	011100555
F-SVS1-6 RD	011100336	F-DRNB2-0.5	011100494	CR - 2000N	011100556
F-SNBL 1-4	011100338	F-DRNB2.5-0.5	011100495	TLK 16-6	011100557
F-SNBS1-5	011100339	F-DRNB2.5-1	011100496	TLK 70-10	011100558
F-SNBL 1-5	011100340	F-DRNB3-0.5	011100497	SQNBS 150-10	011100559
F-SVS2-3.7	011100344	F-DRNB3.5-0.5	011100498	F-RNBL 2-5	011100560
F-SVS2-4 BU	011100346	F-DRNB 4-0.5	011100499	F-TE7510 GY	011100561
F-SNB 2-3.2	011100348	F-DRNB5-0.5	011100500	F-E2508-BLUE-XL	011100562
F-SNBS2-3.7	011100349	F-DRNB2-1	011100501	F-E4012-GRY-XL	011100563
F-SNBS2-4	011100351	F-DRNB3-1	011100502	F-E10-12-RED-XL	011100564
F-SNBM2-4	011100352	F-DRNB3.5-1	011100503	F-FDFNYD2-187(8)	011100565
F-SVL2-4	011100353	F-DRNBS4-1	011100504	F-E 1506 BK	011100566
F-SVS2-5 BU	011100354	F-DRNB4-1	011100505	F-E0510 WH	011100567
F-SVL2-5	011100355	F-DRNB5-1	011100506	TLK 10-12	011100568
F-SVS2-6 BU	011100356	F-DRNBL 6-1	011100507	TLK 50-16	011100571
F-SNBS2-5	011100359	F-DRNB 6-1	011100508	TLK 50-8	011100572
F-SNBL2-5	011100360	F-DRNB8-1	011100509	TLK 150-12	011100573
F-SNBS2-6	011100361	F-DRNB10-1	011100510	TLK 150-16	011100574
F-SNBL2-6	011100362	F-DRNB3-2.5	011100511	TLK 95-12	011100575
F-SVS5-4 YE	011100365	F-DRNB3.5-2.5	011100512	TLK 95-10	011100576
F-SVL5-4 YE	011100366	F-DRNB 4-2.5	011100513	TLK 95-8	011100577
F-SV5-5 YE	011100367	F-SNB3-3.7	011100516	TLK 50-12	011100578
F-SVS5-6 YE	011100368	F-SNB3-4	011100517	TLK 185-12	011100579
F-SVL5-6	011100369	F-SNB3-5	011100518	TLK 185-10	011100580
F-SNB5-3.7	011100370	F-SNB3-6	011100519	TLK 185-16	011100581
F-SNBL5-4	011100372	F-SNB 5-8	011100520	K-380H	011100582
F-SNB5-5	011100373	F-FDFV1-187 (8)	011100521	K-165M	011100583
F-SNBL5-6	011100375	F-FDFV1-250	011100522	K-200S	011100584
F-RVS1-4 RD	011100459	F-FDFD5-375	011100523	K-100M	011100585
F-SV2-3.7 BU	011100460	F-FDFD1-187 (8)	011100524	K-300S	011100586
F-RNB 2-6	011100462	F-FDFD1-250	011100525	K-280S	011100587
F-RNBS 5-3.7	011100464	F-FDFD2-187 (8)	011100526	TLK 25-6	011100588
F-RNBS8-4	011100466	F-FDV1-187 (5)	011100527	F-FDFNYD2-250	011100589
F-RNBL8-4	011100467	F-FDV 1-187 (8)	011100528	F-FDFNYD5-250	011100590
F-RNBS8-5	011100468	F-FDV 2-110 (5)	011100529	LY 2047	011100591
F-RNBM8-5	011100469	F-FDV2-110 (8)	011100530	KST 731B	011100592
F-RNBL8-5	011100470	F-FDV2-187 (8)	011100531	E1512 BK	011100593
F-RNBS8-6	011100471	F-FDD1-110 (8)	011100532	TE2512 BU	011100594

SOLDERLESS TERMINALS



Description	Article No.	Description	Article No.	Description	Article No.
TE1510 BK	011100595	F-E35-25 BE	011100073	F-TLK 6-10	011100227
E10-18 RD	011100596	F-E50-20 OL	011100075	F-TLK 6-12	011100228
F-SNB8-5	011100597	F-E50-25 BU	011100076	F-TLK25-5	011100239
TLK 16-8	011100598	F-E50-25 OL	011100077	F-TLK25-14	011100244
TLK 70-6	011100599	F-FDV5-375	011100109	F-TLK35-12	011100248
TLK 50-10	011100600	F-FDD5-250	011100114	F-TLK35-14	011100249
EN 2512	011100601	F-FDD5-375	011100115	F-TLK35-16	011100250
RNB 2-12	011100602	F-MDV1-205	011100130	F-TLK300-12	011100251
EN 10-12	011100603	F-MDD1-205	011100136	F-TLK300-14	011100252
F-SNB 14-8	011100604	F-FDFV2-187 (5)	011100141	F-TLK300-16	011100253
TLK 16-10	011100605	F-MDFN2-250	011100152	F-TLK300-20	011100254
TLK 70-8	011100606	F-MDFN5-250	011100153	F-RNBL1-3.7	011100273
TLK 10-10	011100607	CR-2078	011100174	SNBL 1-6	011100342
TLK 25-12	011100608	F-BNT1	011100185	SNBL 2-4	011100358
EN 2510	011100609	F-BNT2	011100186	F-RVM1-3.7	011100267
TLK 10-5	011100610	F-BNT5	011100188	F-RVL1-3.7	011100268
F-RV1-3.2	011100611	F-BNT8	011100189	F-RNBI-3.2	011100270
F-E25-16BR	011100612	F-BNT14	011100190	F-RNBS1-3.7	011100271
F-DRVL 10-2.5	011100613	F-BNT22	011100191	F-RNBL1-3.7	011100273
F-TLK 70-12	011100614	F-BNT38	011100192	F-RVL1-4	011100275
F-E2512-BLUE-XL	011100615	F-BNT60	011100193	F-RV1-10	011100279
F-BNYT1	011100616	F-BNT70	011100194	F-RVS2-3.7	011100286
F-E16-12 BLUE-XL	011100617	F-BNT80	011100195	F-RNBS2-3.7	011100291
606LT(5)	011100618	F-BNT100	011100196	F-RVM2-3.7	011100287
SVL1-5 RD	011100619	F-BNT150	011100197	F-RVL2-3.7	011100288
E 1512 BK	011100620	F-BNT180	011100198	F-RNBS2-4	011100294
TLK 25-10	011100621	F-BNT200	011100199	F-RNB 5-3.7	011100310
DRNYB8-16	011100622	F-BNT325	011100200	F-RNBS 5-4	011100311
RV 1-8	011100623	F-PNT1	011100201	F-SVM 1-4	011100327
F-TLK 120-12	011100624	F-PNT2	011100202	F-SVL 1-4	011100333
F-TLK 120-16	011100625	F-PNT5	011100204	F-SVL 1-6	011100337
F-E1510 GY	011100626	F-PNT8	011100205	F-SNBS 1-6	011100341
F-E7506 BU	011100015	F-PNT 14	011100206	F-SNBL 1-6	011100342
F-E7506 WH	011100014	F-PNT 60	011100209	F-SV 2-3.2	011100343
F-E7512 BU	011100021	F-PNT 70	011100210	F-SVL2-3.7	011100345
F-E7512 WH	011100020	F-PNT 80	011100211	F-SNBL 2-3.7	011100350
F-E1006 YE	011100023	F-PNT 100	011100212	F-SVM 2-4	011100347
F-E1012 YE	011100027	F-PNT 150	011100213	F-SNBL 2-4	011100358
F-E1506 RD	011100569	F-PNT 180	011100214	F-SV 5-8	011100357
F-E1510 RD	011100031	F-PNT 200	011100215	F-SV 5-3.7	011100364
F-E1518 BK	011100032	F-PNT 325	011100216	F-SNBS 5-4	011100371
F-E2512GY	011100037	F-F-878101	011100155	F-SNBS 5-6	011100374
F-E2518 BU	011100038	F-F-878201	011100156	F-FDFV2-187 (8)	011100632
F-E2518 GY	011100039	F-F-878107	011100157	F-BNT2	011100187
F-E4012 OR	011100043	F-F-878109	011100158	F-PNT3	011100203
F-E4018 GY	011100044	F-F-878104	011100159	SNBL 5-5	011100635
F-E4018 OR	011100045	F-606	011100255	F-TLK16-5	011100636
F-E6018 GN	011100051	F-604	011100256	F-TLK16-12	011100637
F-E6018 BK	011100050	F-607	011100257	F-TLK50-6	011100638
F-E6018 YE	011100049	F-503	011100258	F-TLK50-14	011100639
F-E10-18 BR	011100056	F-608	011100259	F-TLK50-20	011100640
F-E16-18 IV	011100063	F-605	011100260	F-TLK70-14	011100641
F-E25-16 BK	011100066	F-601	011100261	F-TLK70-16	011100642
F-E2516 BR	011100065	F-501	011100262	F-TLK70-20	011100643
F-E25-22 BK	011100069	F-906	011100263	F-TLK95-14	011100644
F-E25-22 BR	011100068	F-905	011100264	F-TLK95-16	011100645
F-E25-22 YE	011100067	F-TLK 6-5	011100224	F-TLK95-20	011100646
F-E35-16 BE	011100071	F-TLK 6-6	011100225	F-TLK120-8	011100647
F-E35-25 RD	011100072	F-TLK 6-8	011100226	F-TLK120-10	011100648



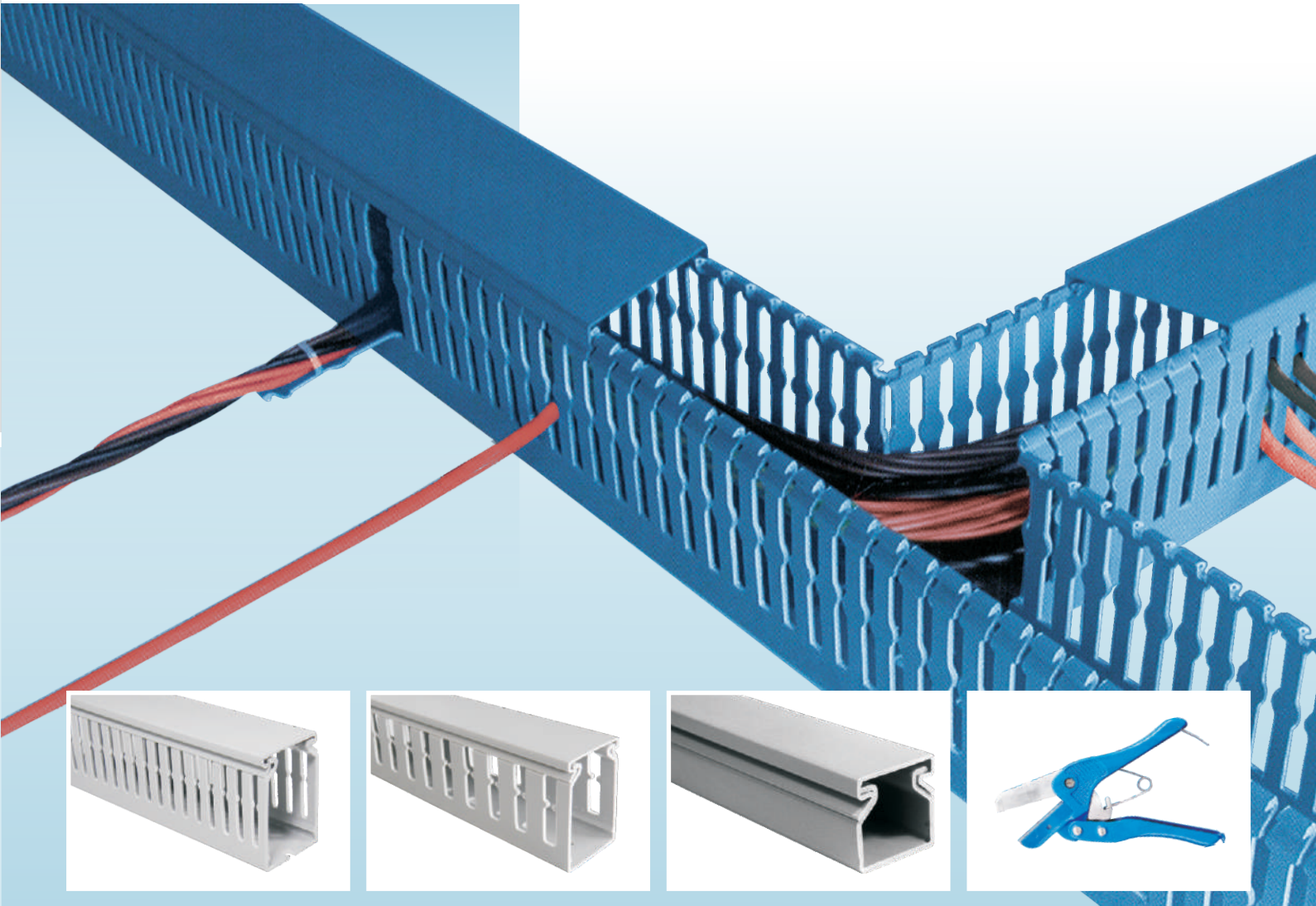
SOLDERLESS TERMINALS



Description	Article No.	Description	Article No.	Description	Article No.
F-TLK120-14	011100649				
F-TLK120-20	011100650				
F-TLK150-8	011100651				
F-TLK150-10	011100652				
F-TLK150-14	011100653				
F-TLK150-20	011100654				
F-TLK185-14	011100655				
F-TLK185-20	011100656				
F-TLK240-10	011100657				
F-TLK240-12	011100658				
F-TLK240-14	011100659				
F-TLK240-16	011100660				
F-TLK240-20	011100661				
F-TLK400-12	011100662				
F-TLK400-14	011100663				
F-TLK400-16	011100664				
F-TLK400-20	011100665				

WIRING DUCTS

WIRE MANAGEMENT SOLUTIONS



- PVC Wiring Ducts
- Tools & Accessories

- Halogen Free Wiring Ducts

REACH
CERTIFIED



SIMPLY SOLUTIONS

Wiring Ducts

Trinity Touch provides state-of-art Wiring Ducts

Trinity Touch Wiring Ducts are the premium products, available in wide range to accommodate wires and cables for the smallest wall mounted panel to larger integrated systems.

Wiring Ducts -
Narrow Slot



Page No. 4

Wiring Ducts -
Wide Slot



Page No. 5

Wiring Ducts -
Un-Slotted (Solid Wall)



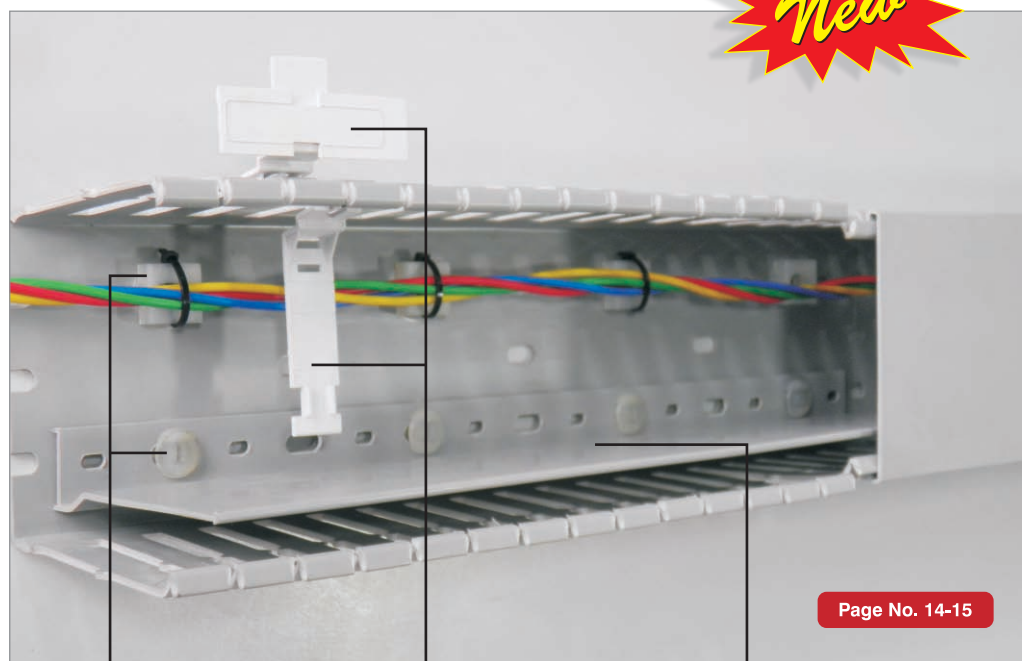
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Wiring Ducts -
Halogen Free



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Tools & Accessories



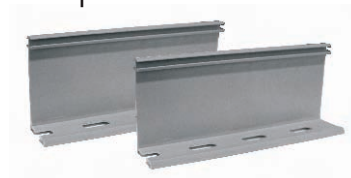
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Mounting Clip



Tag Holder

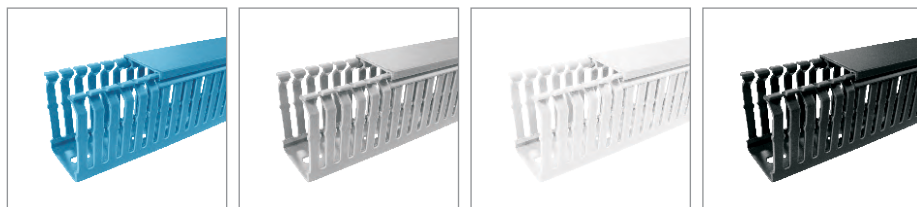


Wall Divider

Available in all colors

Stocked in 4 colors

	Blue (RAL 5015)		Grey (RAL 7042)		White (RAL 9016)		Black (RAL 9005)
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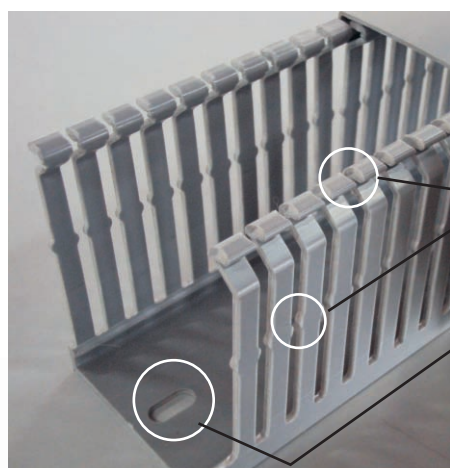


Formula for Calculating Fill Capacity

$$\text{Numbers of Wires} = \frac{\text{Duct W x H}}{1.75 \times (\text{Wire O.D.})^2 / 2}$$

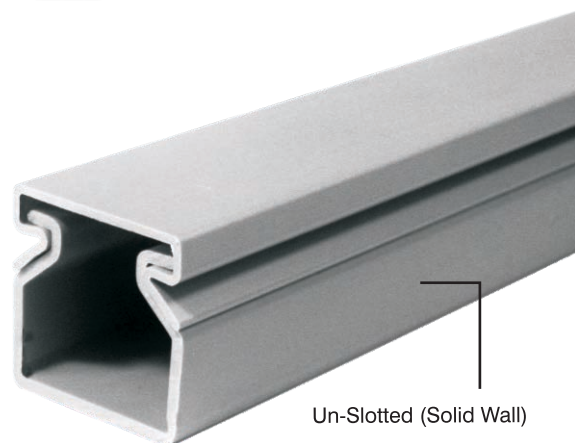


Duct Wire Calculator
also available on website

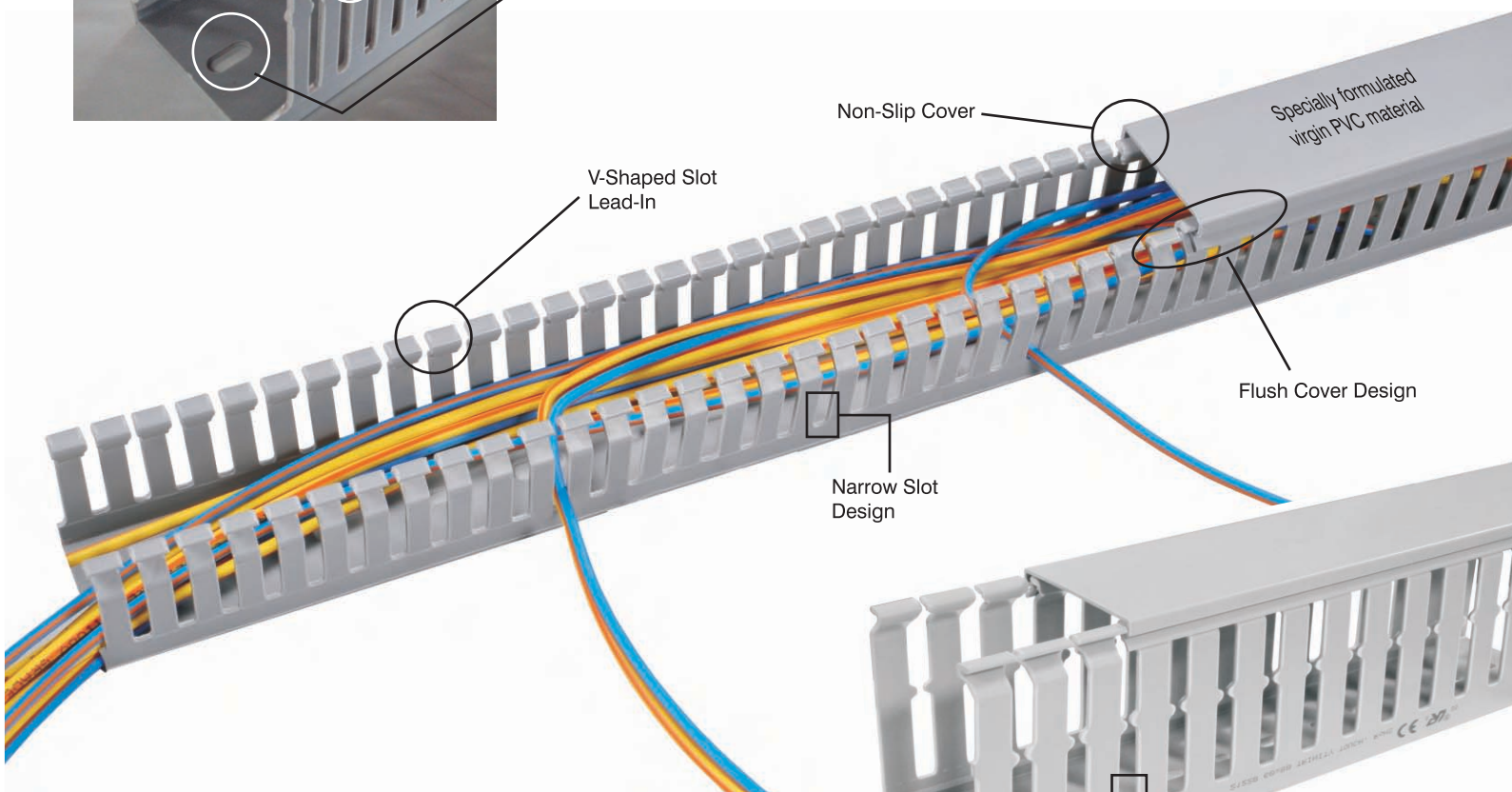


Double Restricted Slot

Mounting Hole Pattern
According to DIN 43659



Un-Slotted (Solid Wall)



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cPA[®] US

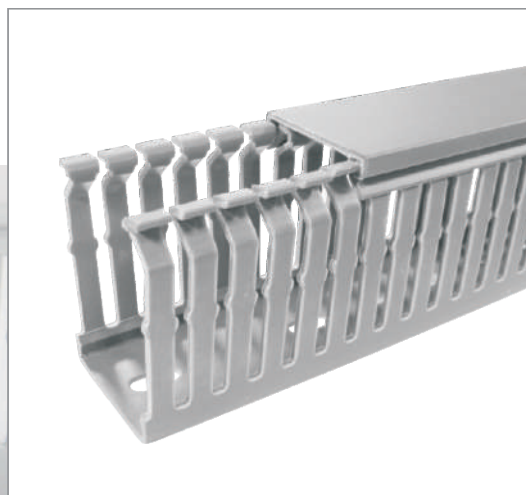
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RoHS[✓]

Wide Slot
Design

Wiring Ducts - Narrow Slot

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SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/Box
1	01 17 01250	TBWDN25X25LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 25	0.98 x 0.98	120
2	01 17 06962	TBWDN25X30LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 30	0.98 x 1.18	96
3	01 17 01066	TBWDN25X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 40	0.98 x 1.57	96
4	01 17 01586	TBWDN25X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	25 x 45	0.98 x 1.77	96
5	01 17 01251	TBWDN25X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 01588	TBWDN25X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 01584	TBWDN25X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 06961	TBWDN30X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	30 x 40	1.18 x 1.57	80
9	01 17 01252	TBWDN30X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 06410	TBWDN40X25LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	40 x 25	1.57 x 0.98	96
11	01 17 01068	TBWDN40X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	40 x 40	1.57 x 1.57	64
12	01 17 01070	TBWDN40X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 01072	TBWDN40X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 01253	TBWDN40X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 01590	TBWDN45X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	45 x 45	1.77 x 1.77	64
16	01 17 04064	TBWDN45X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 06414	TBWDN45X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	48
18	01 17 01592	TBWDN60X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	60 x 40	2.36 x 1.57	36
19	01 17 05265	TBWDN60X45LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	60 x 45	2.36 x 1.77	36
20	01 17 01074	TBWDN60X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 01076	TBWDN60X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 01254	TBWDN60X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 01596	TBWDN80X40LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	–	80 x 40	3.15 x 1.57	24
24	01 17 01598	TBWDN80X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 60	3.15 x 2.36	24
25	01 17 01255	TBWDN80X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 01594	TBWDN80X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
27	01 17 01582	TBWDN100X60LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
28	01 17 02670	TBWDN100X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
29	01 17 01256	TBWDN100X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
30	01 17 02672	TBWDN120X80LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	# 01 17 04986	TBWDN150X100LG2	Wiring Duct Narrow Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

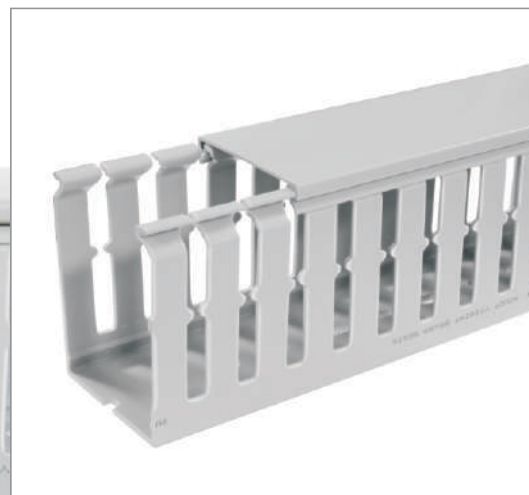
Wiring Ducts - Wide Slot

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SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/Box
1	01 17 02546	TBWDW25X25LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 25	0.98 x 0.98	120
2	01 17 06966	TBWDW25X30LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 30	0.98 x 1.18	96
3	01 17 02547	TBWDW25X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 40	0.98 x 1.57	96
4	01 17 02548	TBWDW25X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	25 x 45	0.98 x 1.77	96
5	01 17 02549	TBWDW25X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 60	0.98 x 2.36	72
6	01 17 02517	TBWDW25X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 80	0.98 x 3.15	48
7	01 17 02550	TBWDW25X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	25 x 100	0.98 x 3.94	48
8	01 17 06967	TBWDW30X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	30 x 40	1.18 x 1.57	80
9	01 17 02519	TBWDW30X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	30 x 80	1.18 x 3.15	40
10	01 17 06508	TBWDW40X25LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	40 x 25	1.57 x 0.98	96
11	01 17 02551	TBWDW40X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	40 x 40	1.57 x 1.57	64
12	01 17 02552	TBWDW40X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 60	1.57 x 2.36	48
13	01 17 02521	TBWDW40X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 80	1.57 x 3.15	32
14	01 17 02553	TBWDW40X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	40 x 100	1.57 x 3.94	32
15	01 17 02554	TBWDW45X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	45 x 45	1.77 x 1.77	64
16	01 17 04068	TBWDW45X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	45 x 60	1.77 x 2.36	48
17	01 17 06506	TBWDW45X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	45 x 80	1.77 x 3.15	48
18	01 17 02555	TBWDW60X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	60 x 40	2.36 x 1.57	36
19	01 17 05262	TBWDW60X45LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	60 x 45	2.36 x 1.77	36
20	01 17 02556	TBWDW60X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 60	2.36 x 2.36	36
21	01 17 02523	TBWDW60X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 80	2.36 x 3.15	24
22	01 17 02557	TBWDW60X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	60 x 100	2.36 x 3.94	24
23	01 17 02558	TBWDW80X40LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	–	80 x 40	3.15 x 1.57	24
24	01 17 02559	TBWDW80X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 60	3.15 x 2.36	24
25	01 17 02525	TBWDW80X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 80	3.15 x 3.15	16
26	01 17 04881	TBWDW80X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	80 x 100	3.15 x 3.94	16
27	01 17 05138	TBWDW100X60LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 60	3.94 x 2.36	24
28	01 17 02674	TBWDW100X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 80	3.94 x 3.15	16
29	01 17 02562	TBWDW100X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	100 x 100	3.94 x 3.94	16
30	01 17 02676	TBWDW120X80LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	120 x 80	4.72 x 3.15	12
31	#01 17 05304	TBWDW150X100LG2	Wiring Duct Wide Slot, Light Grey, 2 Meter	✓	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

Wiring Ducts - Un-Slotted (Solid Wall)

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SN	Article No.	Type	Description	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/ Box
1	01 17 01236	TBWDS25X25LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 25	0.98 x 0.98	120
2	01 17 06968	TBWDS25X30LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 30	0.98 x 1.18	96
3	01 17 01084	TBWDS25X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 40	0.98 x 1.57	96
4	01 17 01604	TBWDS25X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 45	0.98 x 1.77	96
5	01 17 01237	TBWDS25X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 60	0.98 x 2.36	72
6	01 17 01606	TBWDS25X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 80	0.98 x 3.15	48
7	01 17 01602	TBWDS25X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	25 x 100	0.98 x 3.94	48
8	01 17 06969	TBWDS30X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	30 x 40	1.18 x 1.57	80
9	01 17 01238	TBWDS30X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	30 x 80	1.18 x 3.15	40
10	01 17 06509	TBWDS40X25LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 25	1.57 x 0.98	96
11	01 17 01085	TBWDS40X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 40	1.57 x 1.57	64
12	01 17 01083	TBWDS40X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 60	1.57 x 2.36	48
13	01 17 01086	TBWDS40X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 80	1.57 x 3.15	32
14	01 17 01239	TBWDS40X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	40 x 100	1.57 x 3.94	32
15	01 17 01608	TBWDS45X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 45	1.77 x 1.77	64
16	01 17 04066	TBWDS45X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 60	1.77 x 2.36	48
17	01 17 06507	TBWDS45X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	45 x 80	1.77 x 3.15	48
18	01 17 01610	TBWDS60X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 40	2.36 x 1.57	36
19	01 17 05264	TBWDS60X45LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 45	2.36 x 1.77	36
20	01 17 01088	TBWDS60X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 60	2.36 x 2.36	36
21	01 17 01087	TBWDS60X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 80	2.36 x 3.15	24
22	01 17 01240	TBWDS60X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	60 x 100	2.36 x 3.94	24
23	01 17 01614	TBWDS80X40LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 40	3.15 x 1.57	24
24	01 17 01616	TBWDS80X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 60	3.15 x 2.36	24
25	01 17 01241	TBWDS80X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 80	3.15 x 3.15	16
26	01 17 01612	TBWDS80X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	80 x 100	3.15 x 3.94	16
27	01 17 01600	TBWDS100X60LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 60	3.94 x 2.36	24
28	01 17 02736	TBWDS100X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 80	3.94 x 3.15	16
29	01 17 01242	TBWDS100X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	100 x 100	3.94 x 3.94	16
30	01 17 02737	TBWDS120X80LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	120 x 80	4.72 x 3.15	12
31	# 01 17 05305	TBWDS150X100LG2	Wiring Duct Solid Wall, Light Grey, 2 Meter	150 x 100	5.90 x 3.94	8

Wiring Ducts also available in 1 meter with different colors.

Typical Raw Material Properties of PVC Wiring Ducts

Property	Units	ASTM Test	Test Value
Specific Gravity	...	D792	1.43
IZOD Impact Strength	Kg.cm/cm	D256	7.5
Flexural Strength	Psi	D790	10900
Flexural Module	Psi	D790	382000
Tensile Strength	Psi	D638	5500
Compressive Strength	Psi	D695	8600
Water Absorption	24Hrs-%	D570	0.1
Hardness	Shore D	D785	78D
Dielectric Strength 50Hz, 25°C,s/t	Kv/mm	D149	36
Volume Resistivity	Ohm-cm	D257	6.1X10 ¹
Heat Deflecting °F @ 264 psi	°F	D648	Up to 158 (70°C)
UL 94 - Flammability	...	...	V0 RoHS

For guidance only

Subject to change in the interest of technical progress

Notes

New in this brochure :

- *New sizes 25x30, 30x40, 40x25 & 45x80 (WxH) in PVC wiring ducts.*

Halogen Free for Highest Safety

Maximum reliability for sensitive environment

HALOGEN FREE WIRE MANAGEMENT

Why change FROM Polyvinyl Chloride (PVC) TO Low Smoke Zero Halogen (LSZH) products?

When PVC or other traditional plastics ignite in a fire, they emit corrosive & toxic gases like Chlorine. Moreover, these are soluble in moisture, forming Hydrochloric acid, which destroy electronics, semiconductors and intrinsic electrical circuits.

While smoke travels containing toxic element, it can be fatally hazardous to humans if they cannot escape from that area. Toxic fumes are not only a serious health risk but also cause serious damage and problems to crucial machineries and intrinsic devices.

Halogen Free wires and cables are already compulsory in many areas as they are safer. In the same way, Halogen free wiring duct is most important within enclosed spaces where the exits are limited; such as Public Transport, Hospitals, Malls etc. What is the use of Halogen free cables if the wiring ducts contain dangerous material?

For example: Hospitals, Airport Terminals, Concert Halls, Sports Stadiums, Railway Stations, Ships, Offshore Oil and Gas platforms, Multistory Buildings and Nuclear Power.

Wide Acceptability

Trinity Touch halogen free wiring ducts are outstanding not only for high quality standards and superior technical characteristics. But also, for the variety of models and proven easy installation.



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LSZH material properties - Unique PC/ABS blend

Our halogen free wiring ducts are made from a special purpose LSZH and flame retardant PC/ABS blend containing **NO Bromide, NO Chlorine and NO Fluorine**. It still offers high impact strength and excellent characteristics used for higher temperature applications. These are in compliance with Standard VDE 0472/815 for wiring ducts.

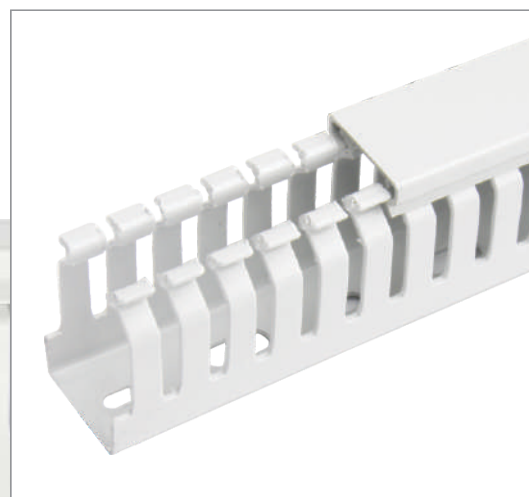
LSZH material also has characteristics of self extinguishing, UL94 flammability rating of V-0 for continuous use temperatures up to 203°F (95°C), it is RoHS (Lead Free) compliant, environmentally safe and is 20% lighter than PVC.

Our LSZH material is resistance to abnormal heat and fire. it has proven dimensional stability between -40 and +100 °C. The halogen free wiring ducts are manufactured in compliance with the Standard EN 50085-2-3. Ideal for application where public safety during a fire is a concern.

Conform to : EN 50085 -2 -3, UL-94V0, RoHS, DIN 43659
Colour : Silver Grey

Halogen Free Wiring Ducts - Narrow Slot

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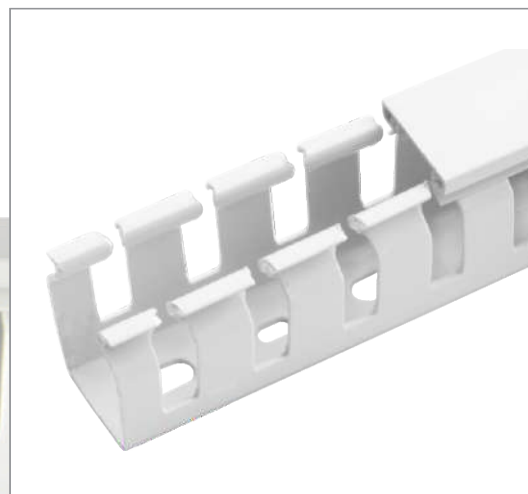


SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/ Box
1	01 17 06680	HF25X25SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	25 x 25	0.98 x 0.98	120
2	01 17 03447	HF25X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	25 x 40	0.98 x 1.18	96
3	01 17 06681	HF25X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	25 x 60	0.98 x 1.57	72
4	01 17 05299	HF25X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	25 x 80	0.98 x 1.77	48
5	01 17 06407	HF30X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	30 x 40	0.98 x 2.36	80
6	01 17 06408	HF30X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	30 x 60	0.98 x 3.15	48
7	01 17 06682	HF30X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	30 x 80	0.98 x 3.94	32
8	01 17 06683	HF30X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	30 x 100	1.18 x 1.57	32
9	01 17 06409	HF40X30SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	40 x 30	1.18 x 3.15	64
10	01 17 03438	HF40X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	40 x 40	1.57 x 0.98	64
11	01 17 05240	HF40X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	40 x 60	1.57 x 1.57	48
12	01 17 03465	HF40X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	40 x 80	1.57 x 2.36	32
13	01 17 03456	HF40X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	40 x 100	1.57 x 3.15	32
14	01 17 06684	HF60X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	60 x 40	1.57 x 3.94	36
15	01 17 06685	HF60X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	60 x 60	1.77 x 1.77	36
16	01 17 03487	HF60X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	60 x 80	1.77 x 2.36	24
17	01 17 03496	HF60X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	60 x 100	1.77 x 3.15	24
18	01 17 06686	HF80X25SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	80 x 25	2.36 x 1.57	24
19	01 17 06687	HF80X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	80 x 40	2.36 x 1.77	24
20	01 17 06688	HF80X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	80 x 60	2.36 x 2.36	24
21	01 17 03474	HF80X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	80 x 80	2.36 x 3.15	16
22	01 17 03505	HF80X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	80 x 100	2.36 x 3.94	16
23	01 17 06689	HF100X40SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	–	100 x 40	3.15 x 1.57	24
24	01 17 06690	HF100X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	100 x 60	3.15 x 2.36	24
25	01 17 06691	HF100X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	100 x 80	3.15 x 3.15	16
26	01 17 03514	HF100X100SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	100 x 100	3.15 x 3.94	16
27	01 17 06693	HF120X60SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	120 x 60	3.94 x 2.36	12
28	01 17 06692	HF120X80SG2N	Halogen Free Narrow Slot, Silver Grey, 2 Meter	✓	120 x 80	3.94 x 3.15	12

Wiring Ducts also available in 1 meter with different colours.

Halogen Free Wiring Ducts - Wide Slot

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SN	Article No.	Type	Description	Double Restricted Slot *	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/ Box
1	01 17 06946	HF25X25SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	25 x 25	0.98 x 0.98	120
2	01 17 03449	HF25X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	25 x 40	0.98 x 1.18	96
3	01 17 06947	HF25X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	25 x 60	0.98 x 1.57	72
4	01 17 05300	HF25X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	25 x 80	0.98 x 1.77	48
5	01 17 06514	HF30X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	30 x 40	0.98 x 2.36	80
6	01 17 06518	HF30X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	30 x 60	0.98 x 3.15	48
7	01 17 06948	HF30X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	30 x 80	0.98 x 3.94	32
8	01 17 06949	HF30X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	30 x 100	1.18 x 1.57	32
9	01 17 06516	HF40X30SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	40 x 30	1.18 x 3.15	64
10	01 17 03440	HF40X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	40 x 40	1.57 x 0.98	64
11	01 17 05302	HF40X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	40 x 60	1.57 x 1.57	48
12	01 17 03467	HF40X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	40 x 80	1.57 x 2.36	32
13	01 17 03458	HF40X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	40 x 100	1.57 x 3.15	32
14	01 17 06950	HF60X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	60 x 40	1.57 x 3.94	36
15	01 17 06951	HF60X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	60 x 60	1.77 x 1.77	36
16	01 17 03489	HF60X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	60 x 80	1.77 x 2.36	24
17	01 17 03498	HF60X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	60 x 100	1.77 x 3.15	24
18	01 17 06952	HF80X25SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	80 x 25	2.36 x 1.57	24
19	01 17 06953	HF80X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	80 x 40	2.36 x 1.77	24
20	01 17 06954	HF80X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	80 x 60	2.36 x 2.36	24
21	01 17 03476	HF80X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	80 x 80	2.36 x 3.15	16
22	01 17 03507	HF80X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	80 x 100	2.36 x 3.94	16
23	01 17 06955	HF100X40SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	–	100 x 40	3.15 x 1.57	24
24	01 17 06956	HF100X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	100 x 60	3.15 x 2.36	24
25	01 17 06957	HF100X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	100 x 80	3.15 x 3.15	16
26	01 17 03516	HF100X100SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	100 x 100	3.15 x 3.94	16
27	01 17 06958	HF120X60SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	120 x 60	3.94 x 2.36	12
28	01 17 06959	HF120X80SG2W	Halogen Free Wide Slot, Silver Grey, 2 Meter	✓	120 x 80	3.94 x 3.15	12

Halogen Free Wiring Ducts - Un-Slotted (Solid Wall)

REACH
CERTIFIED

CE

RoHS



SN	Article No.	Type	Description	Duct Size WxH (mm)	Duct Size WxH (inch)	Meter/ Box
1	01 17 06932	HF25X25SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 25	0.98 x 0.98	120
2	01 17 03448	HF25X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 40	0.98 x 1.18	96
3	01 17 06933	HF25X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 60	0.98 x 1.57	72
4	01 17 05301	HF25X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	25 x 80	0.98 x 1.77	48
5	01 17 06515	HF30X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 40	0.98 x 2.36	80
6	01 17 06519	HF30X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 60	0.98 x 3.15	48
7	01 17 06934	HF30X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 80	0.98 x 3.94	32
8	01 17 06935	HF30X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	30 x 100	1.18 x 1.57	32
9	01 17 06517	HF40X30SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 30	1.18 x 3.15	64
10	01 17 03439	HF40X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 40	1.57 x 0.98	64
11	01 17 05303	HF40X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 60	1.57 x 1.57	48
12	01 17 03466	HF40X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 80	1.57 x 2.36	32
13	01 17 03457	HF40X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	40 x 100	1.57 x 3.15	32
14	01 17 06936	HF60X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 40	1.57 x 3.94	36
15	01 17 06937	HF60X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 60	1.77 x 1.77	36
16	01 17 03488	HF60X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 80	1.77 x 2.36	24
17	01 17 03497	HF60X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	60 x 100	1.77 x 3.15	24
18	01 17 06938	HF80X25SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 25	2.36 x 1.57	24
19	01 17 06939	HF80X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 40	2.36 x 1.77	24
20	01 17 06940	HF80X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 60	2.36 x 2.36	24
21	01 17 03475	HF80X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 80	2.36 x 3.15	16
22	01 17 03506	HF80X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	80 x 100	2.36 x 3.94	16
23	01 17 06941	HF100X40SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 40	3.15 x 1.57	24
24	01 17 06942	HF100X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 60	3.15 x 2.36	24
25	01 17 06943	HF100X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 80	3.15 x 3.15	16
26	01 17 03515	HF100X100SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	100 x 100	3.15 x 3.94	16
27	01 17 06944	HF120X60SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	120 x 60	3.94 x 2.36	12
28	01 17 06945	HF120X80SG2S	Halogen Free Solid Wall, Silver Grey, 2 Meter	120 x 80	3.94 x 3.15	12

Typical Raw Material Properties of Halogen Free Wiring Ducts

Property	Units	ASTM Test	Test Value
Specific Gravity	...	D792	1.2
IZOD Impact Strength	cm-kgf/cm	D256	70
Flexural Strength	psi	D790	12800
Flexural Module	psi	D790	360000
Tensile Strength	psi	D638	7800
Compressive Strength	psi	D695	16000
Water Absorption, (23°C/Sat)	%	D570	0.6
Hardness	Rockwell	ISO 2039-2	124
Dielectric Strength 50Hz, 25°C	KV/mm	D149	400
Dielectric Constant, Dry	...	D150	2.65
HDT	°C	D648	100°C
Vicat Softening Temp.	°C	ASTM D 1525	110°C
Flammability	...	UL-94	V0
Oxygen Index	%	ISO 4589-2	37
Ambient Temperature (Operation)	°C	...	(-25°C to +90°C)

For guidance only

Subject to change in the interest of technical progress.

Notes

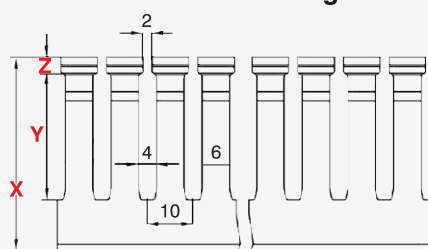
New in this brochure :

- *New sizes 25x25, 25x60, 30x40, 30x60, 30x80, 30x100, 40x30, 60x40, 60x60, 80x25, 80x40, 80x60, 100x40, 100x60, 100x80, 120x60 & 120x80 (WxH) in Halogen Free wiring ducts.*

Technical Information

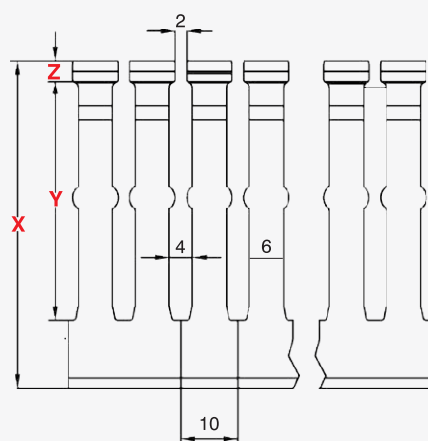
Narrow Slot Design

Single
Restricted
Slot



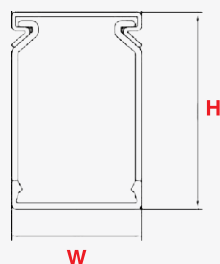
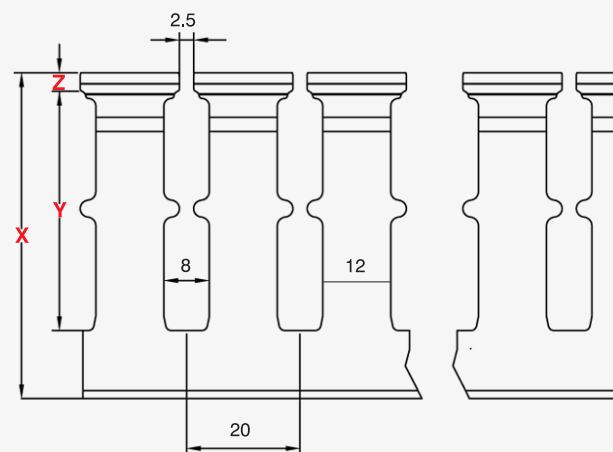
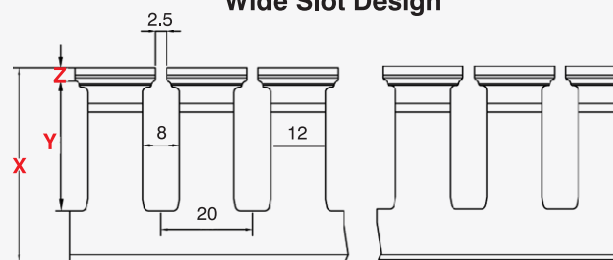
Up to 50 mm
height

Double
Restricted
Slot



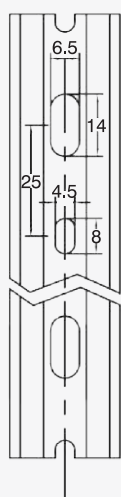
From 60 mm
height
onwards

Wide Slot Design

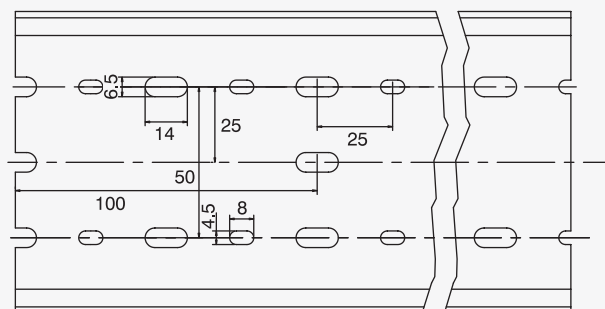


1 Single Mounting Pattern

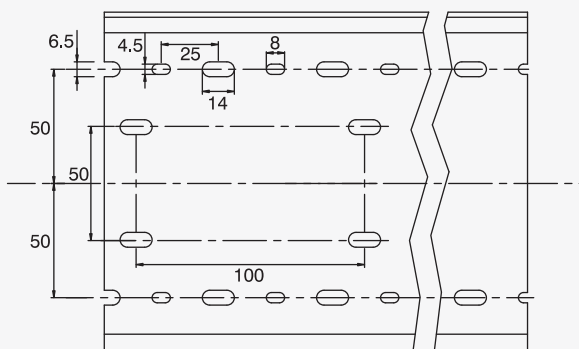
up to 60 mm width



2 Triple Mounting Pattern
from 80 mm to 120 mm width



3 Four Mounting Pattern
for 150 mm width



Nominal Duct Size (mm)		Dimensions (mm)			
W (Width)	H (Height)	T (Thickness)	X	Y	Z
25	25	1.6	22.20	11.80	3.40
25	30	1.5	27.30	16.80	3.50
25	40	1.6	37.20	23.30	3.40
25	45	1.6	42.20	27.80	3.40
25	60	1.9	57.50	42.20	3.30
25	80	2.2	77.80	61.00	3.30
25	100	2.1	98.00	79.00	3.90
30	40	1.5	37.20	22.90	3.50
30	60	1.6	57.50	45.40	3.30
30	80	2.2	77.80	61.00	3.30
30	100	1.9	97.50	78.60	3.90
40	25	1.6	22.20	11.40	3.40
40	30	1.6	16.40	27.20	3.30
40	40	1.6	37.20	23.30	3.40
40	60	1.9	57.50	42.20	3.30
40	80	2.2	77.80	61.00	3.30
40	100	2.4	98.00	79.00	3.90
45	45	1.6	42.20	27.80	3.40
45	60	1.9	57.50	42.20	3.30
45	80	2.2	77.40	61.00	3.30
60	40	1.6	37.20	23.30	3.40
60	45	1.6	42.20	27.80	3.40
60	60	1.9	57.50	42.20	3.30
60	80	2.2	77.80	61.00	3.30
60	100	2.4	98.00	79.00	3.90
80	25	1.6	22.10	11.80	3.40
80	40	1.6	37.20	23.30	3.40
80	60	1.9	57.50	42.20	3.30
80	80	2.3	77.80	61.00	3.30
80	100	2.5	98.00	79.00	3.90
100	40	1.9	37.20	23.30	3.40
100	60	1.9	57.50	42.20	3.20
100	80	2.4	77.80	61.00	3.30
100	100	2.5	98.00	79.00	3.90
120	60	2.15	57.40	42.20	3.20
120	80	2.5	77.80	61.00	3.30
150	100	2.5	98.00	79.00	3.90

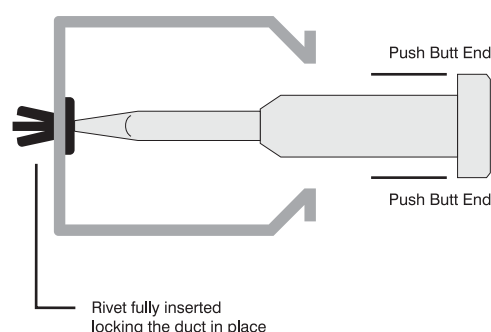
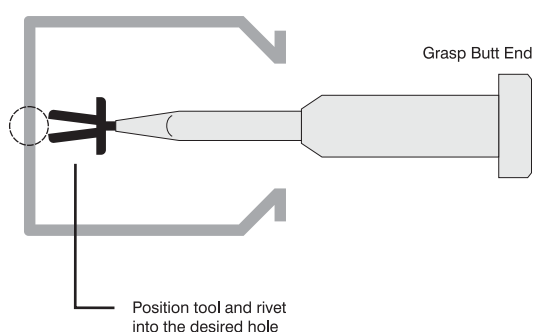
For sizes please correspond the alphabets in design with the alphabets in the above table.

Tools for Installation

Rivet Installation Tool



Article No.	Type	Description	Pcs./Box
01 17 00687	TRIT	Rivet Installation Tool	1

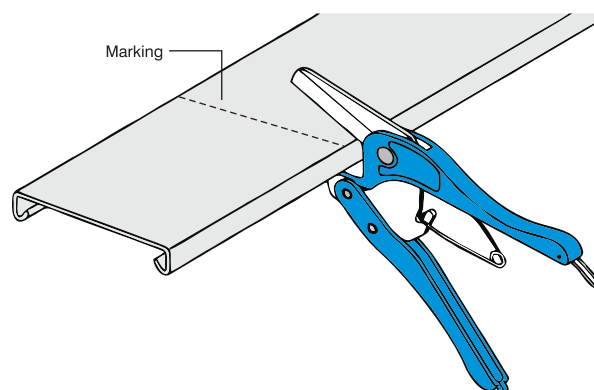
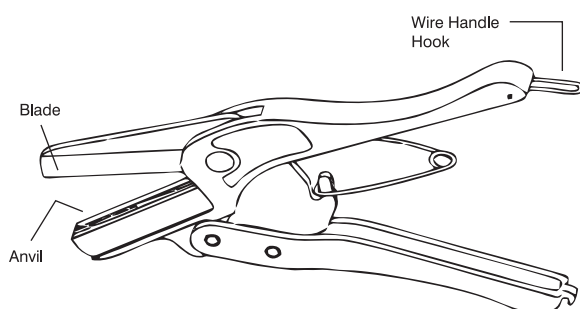


Wiring Ducts Cutting Tool



Article No.	Type	Description	Pcs./Box
01 17 00688	TWDCT	Wiring Duct Cutting Tool	1

Used For Cutting Wiring Duct & Wiring Duct Cover



Replacement Instructions

Blade Replacement :

Unhook spring from hook on blade. using a screwdriver and hex wrench, remove nut and screw. Slide blade upward, out of tool, and replace with new blade. Fasten using existing screw and nut.

Anvil Replacement :

Carefully take out existing Anvil. Apply a small amount of adhesive to bottom of replacement Anvil. Place new Anvil into lower jaw of tool.

Wiring Duct's Accessories

Rivet



Article No.	Type	Description	Pcs./Box
01 17 00689	TNR	Rivet	100

Tag Holder



Article No.	Type	Description	Pcs./Box
01 17 05510	TTH-N	Tag Holder (Narrow)	50
01 17 05512	TTH-W	Tag Holder (Wide)	50

Mounting Clips



Article No.	Type	Description	Pcs./Box
01 17 05511	TMC-01	M Clip 01-Round	50
01 17 05513	TMC-02	M Clip 02 -Rectangular	50

Wall Divider



Article No.	Type	Description	Pcs./Box
01 17 05759	TWD40LG2	Wall Divider 40 mm, Light Grey, 2 meter	10
01 17 05758	TWD60LG2	Wall Divider 60 mm, Light Grey, 2 meter	10
01 17 05757	TWD80LG2	Wall Divider 80 mm, Light Grey, 2 meter	10
01 17 05756	TWD100LG2	Wall Divider 100 mm, Light Grey, 2 meter	10

OTHER PRODUCT PROGRAMS



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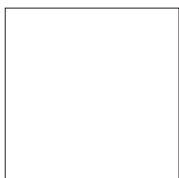
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